

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112915.D
 Acq On : 7 Mar 2019 7:06
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Quant Time: Mar 07 08:12:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	186511	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	696505	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	304600	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	577182	20.00	ng	0.00
76) Chrysene-d12	13.87	240	498418	20.00	ng	0.00
87) Perylene-d12	15.27	264	437327	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	943512	78.69	ng	0.00
7) Phenol-d6	6.37	99	1142181	75.83	ng	0.00
23) Nitrobenzene-d5	7.30	82	982039	84.37	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	288292	89.15	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1617349	89.11	ng	0.00
79) Terphenyl-d14	12.82	244	1821166	70.83	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	239939	39.922	ng	97
3) Pyridine	3.10	79	630425	39.207	ng	98
4) n-Nitrosodimethylamine	3.03	42	263686	37.488	ng	95
6) Aniline	6.39	93	741269	35.755	ng	# 71
8) 2-Chlorophenol	6.52	128	520426	38.992	ng	94
9) Benzaldehyde	6.27	77	368585	33.963	ng	97
10) Phenol	6.39	94	633234	36.029	ng	83
11) bis(2-Chloroethyl)ether	6.47	93	503465	37.321	ng	97
12) 1,3-Dichlorobenzene	6.67	146	551506	39.999	ng	98
13) 1,4-Dichlorobenzene	6.75	146	552381	39.949	ng	99
14) 1,2-Dichlorobenzene	6.90	146	505153	39.852	ng	98
15) Benzyl Alcohol	6.87	79	432128	37.626	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	791562	35.160	ng	97
17) 2-Methylphenol	6.99	107	403318	37.248	ng	97
18) Hexachloroethane	7.25	117	190349	35.938	ng	# 89
19) n-Nitroso-di-n-propylamine	7.15	70	329459	34.538	ng	99
20) 3+4-Methylphenols	7.15	107	460092	37.637	ng	# 81
22) Acetophenone	7.15	105	676502	41.538	ng	# 95
24) Nitrobenzene	7.32	77	524833	40.511	ng	97
25) Isophorone	7.56	82	936054	37.328	ng	98
26) 2-Nitrophenol	7.63	139	270310	50.123	ng	96
27) 2,4-Dimethylphenol	7.67	122	393248	39.195	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	614642	39.204	ng	100
29) 2,4-Dichlorophenol	7.87	162	403672	41.489	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	435643	41.671	ng	98
31) Naphthalene	8.04	128	1388374	40.150	ng	100
32) Benzoic acid	7.79	122	292368	41.577	ng	93
33) 4-Chloroaniline	8.09	127	598003	40.829	ng	98
34) Hexachlorobutadiene	8.16	225	269338	45.682	ng	99
35) Caprolactam	8.45	113	128340	37.452	ng	99
36) 4-Chloro-3-methylphenol	8.57	107	398130	36.975	ng	98
37) 2-Methylnaphthalene	8.73	142	886034	39.677	ng	99
38) 1-Methylnaphthalene	8.83	142	860405	39.775	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	418625	47.129	ng	98

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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

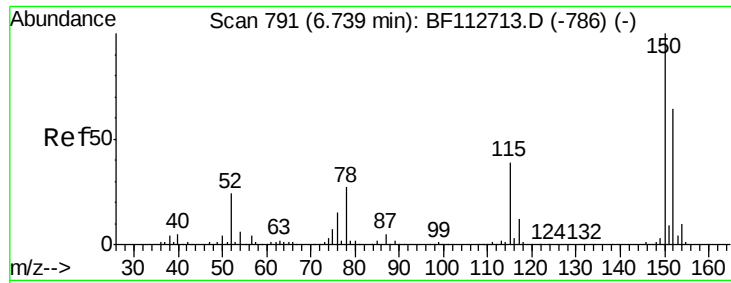
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	93404	19.203	ng	99
43) 2,4,6-Trichlorophenol	9.00	196	260023	42.535	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	276310	41.817	ng	99
46) 1,1'-Biphenyl	9.19	154	1045769	42.092	ng	99
47) 2-Chloronaphthalene	9.22	162	786654	40.550	ng	98
48) 2-Nitroaniline	9.30	65	253932	43.064	ng	99
49) Acenaphthylene	9.63	152	1268818	38.526	ng	99
50) Dimethylphthalate	9.49	163	926174	41.237	ng	99
51) 2,6-Dinitrotoluene	9.55	165	206917	44.241	ng	88
52) Acenaphthene	9.80	154	737232	38.279	ng	99
53) 3-Nitroaniline	9.72	138	242436	42.540	ng	98
54) 2,4-Dinitrophenol	9.82	184	45588	28.360	ng	97
55) Dibenzofuran	9.97	168	1097551	39.210	ng	97
56) 4-Nitrophenol	9.88	139	184828	39.905	ng	87
57) 2,4-Dinitrotoluene	9.95	165	257301	44.258	ng	# 82
58) Fluorene	10.31	166	798303	40.182	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	235525	42.783	ng	# 93
60) Diethylphthalate	10.19	149	931494	39.269	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	401147	43.397	ng	94
62) 4-Nitroaniline	10.32	138	234928	44.611	ng	97
63) Azobenzene	10.46	77	838181	34.498	ng	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	63020	28.632	ng	# 78
66) n-Nitrosodiphenylamine	10.42	169	710489	38.382	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	259996	42.766	ng	92
68) Hexachlorobenzene	10.86	284	301809	44.040	ng	# 87
69) Atrazine	10.95	200	224027	39.516	ng	98
70) Pentachlorophenol	11.05	266	182163	45.162	ng	98
71) Phenanthrene	11.27	178	1237006	43.076	ng	98
72) Anthracene	11.32	178	1274391	42.394	ng	99
73) Carbazole	11.47	167	1242887	42.384	ng	100
74) Di-n-butylphthalate	11.81	149	1463217	41.614	ng	100
75) Fluoranthene	12.45	202	1397519	45.423	ng	96
77) Benzidine	12.57	184	778991	30.125	ng	99
78) Pyrene	12.67	202	1446852	34.434	ng	100
80) Butylbenzylphthalate	13.30	149	663794	35.790	ng	92
81) Benzo(a)anthracene	13.86	228	1228233	35.556	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	554454	42.440	ng	98
83) Chrysene	13.90	228	1258231	37.185	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	790887	36.355	ng	99
85) Di-n-octyl phthalate	14.47	149	1518188	40.642	ng	96
86) Indeno(1,2,3-cd)pyrene	16.63	276	1061726	36.806	ng	95
88) Benzo(b)fluoranthene	14.87	252	1090403	38.547	ng	98
89) Benzo(k)fluoranthene	14.90	252	1006209m	39.270	ng	
90) Benzo(a)pyrene	15.22	252	977265	39.058	ng	97
91) Dibenzo(a,h)anthracene	16.64	278	887460	41.566	ng	98
92) Benzo(g,h,i)perylene	17.04	276	882233	41.151	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



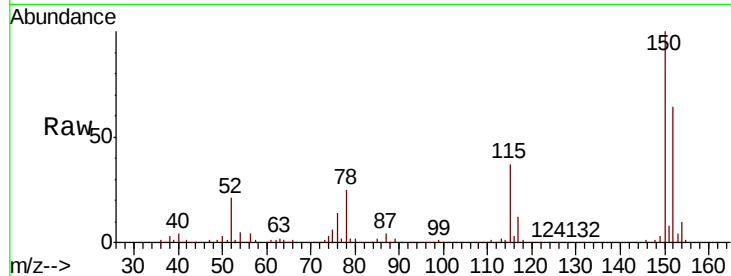
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
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SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	58.0	48.2	72.4

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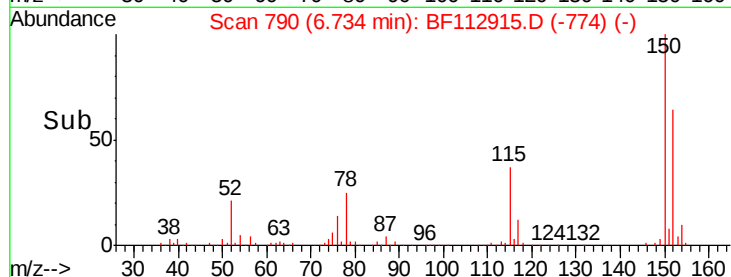
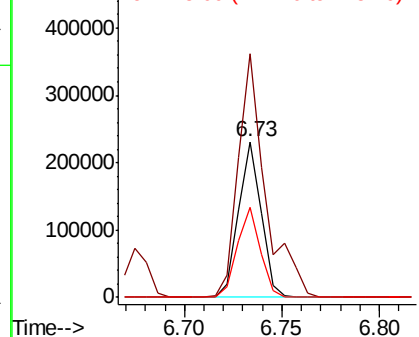


Abundance

Ion 152.00 (151.70 to 152.70): E

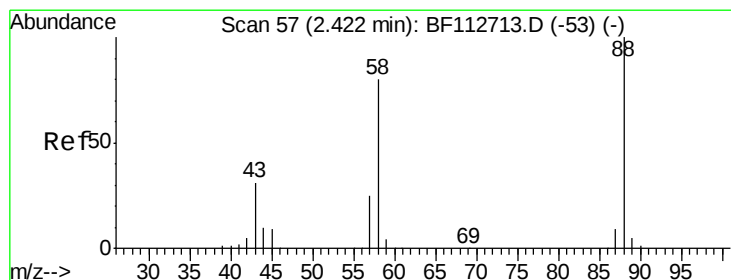
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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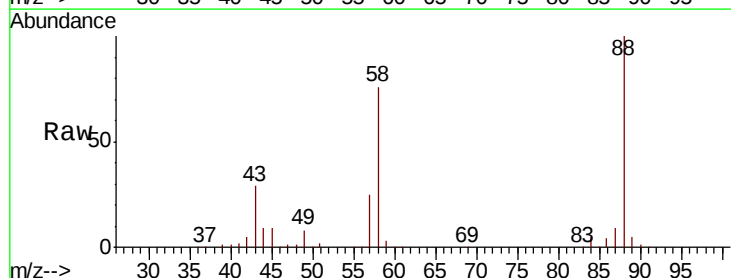
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#2

1,4-Dioxane
Concen: 39.922 ng
RT: 2.39 min Scan# 51
Delta R.T. -0.04 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	63.1	94.7
43	28.3	24.3	36.5

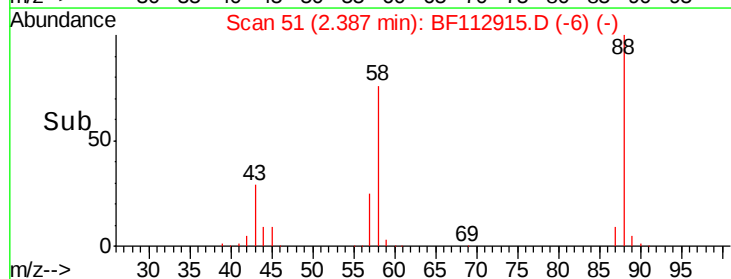
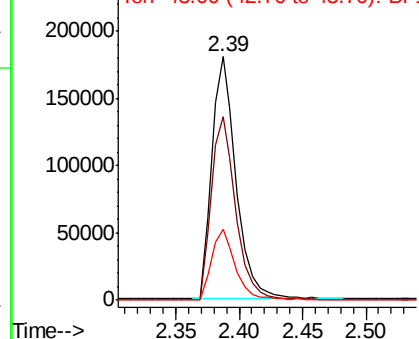


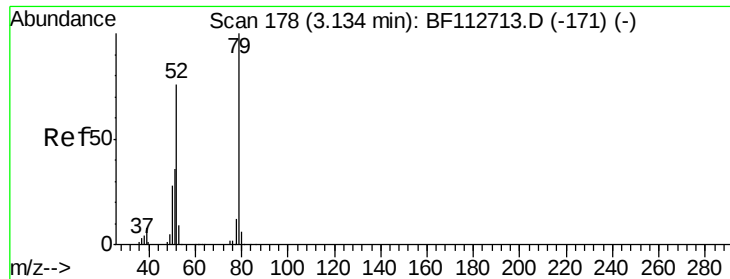
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.207 ng

RT: 3.10 min Scan# 172

Delta R.T. -0.04 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

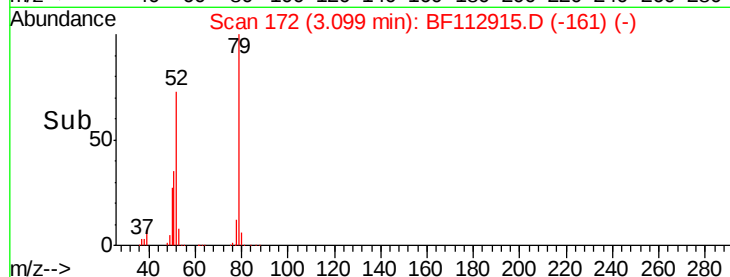
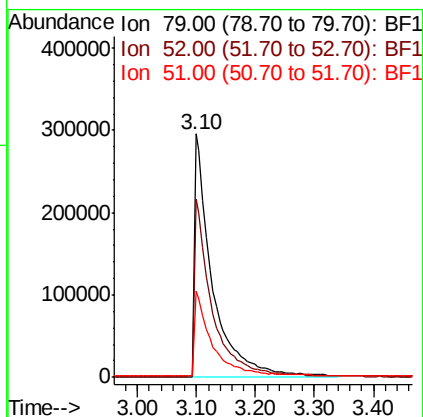
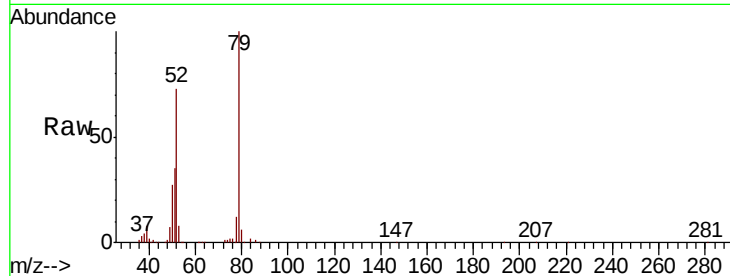
BNA_F

ClientSampleId :

SSTDCCC040EC

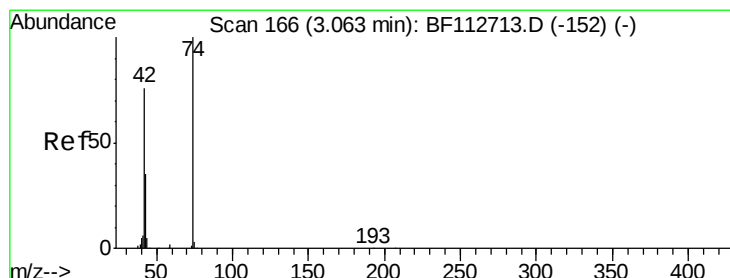
Tot Ion:	79	Resp:	630425
Ion Ratio	Lower	Upper	
79	100		
52	73.2	60.5	90.7
51	35.4	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 37.488 ng

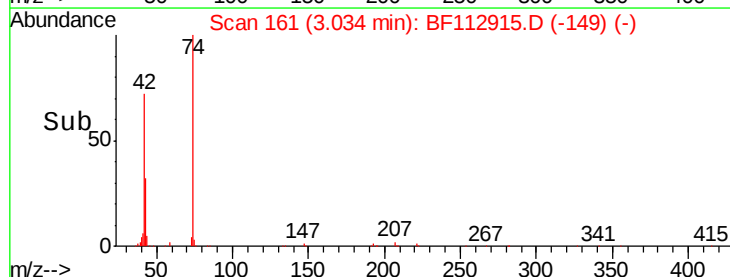
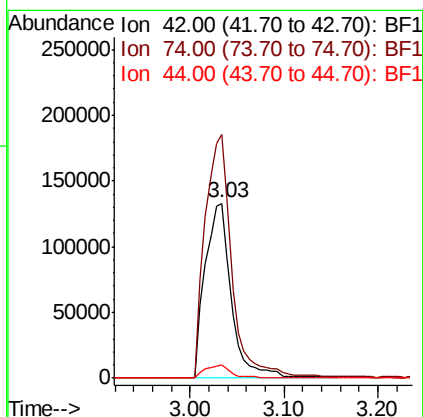
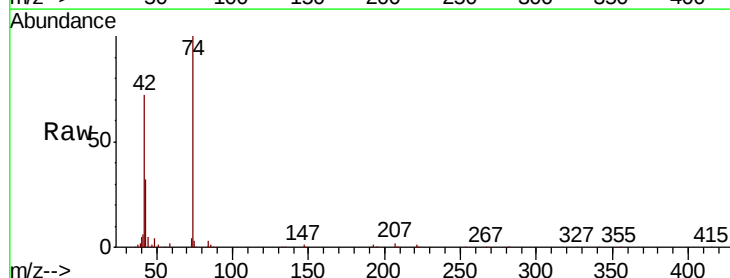
RT: 3.03 min Scan# 161

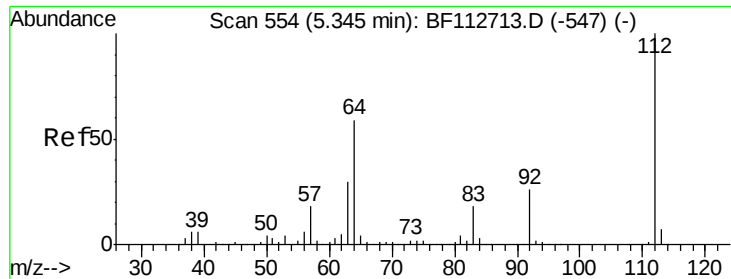
Delta R.T. -0.03 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Tgt Ion:	42	Resp:	263686
Ion Ratio	Lower	Upper	
42	100		
74	139.0	105.8	158.8
44	7.4	6.2	9.2





#5

2-Fluorophenol

Concen: 78.691 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

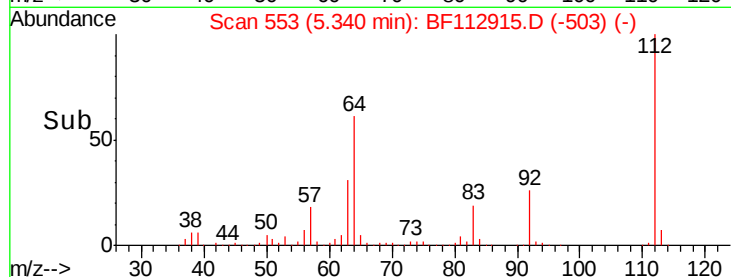
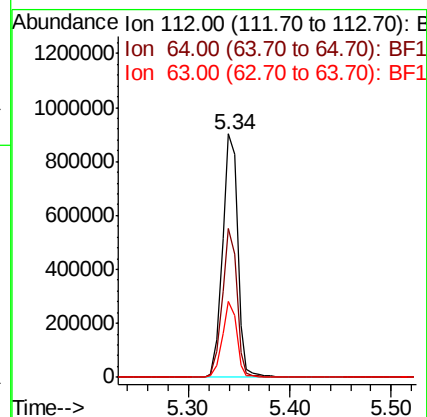
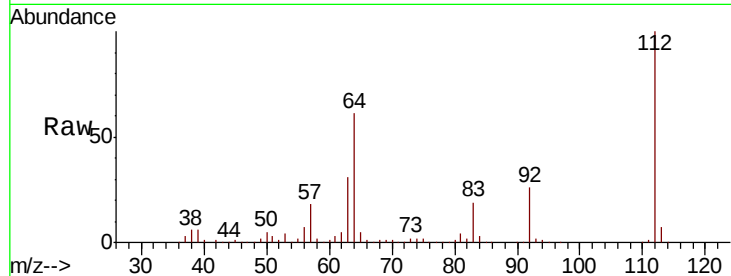
BNA_F

ClientSampleId :

SSTDCCC040EC

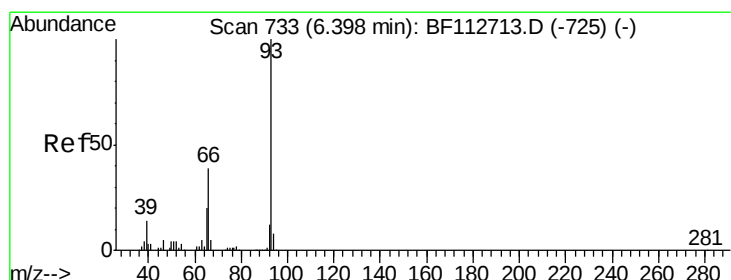
Tot Ion:	112	Resp:	943512
Ion Ratio		Lower	Upper
112	100		
64	61.1	47.6	71.4
63	31.2	24.4	36.6

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#6

Aniline

Concen: 35.755 ng

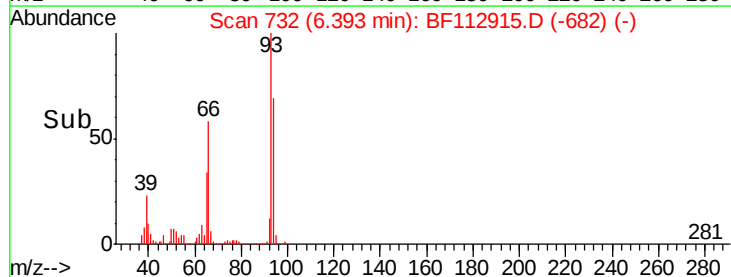
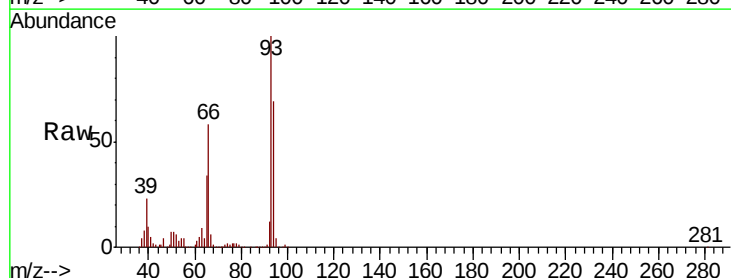
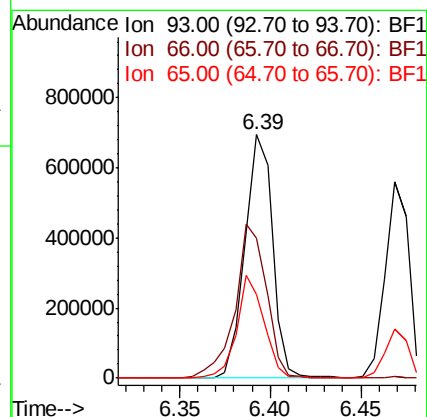
RT: 6.39 min Scan# 732

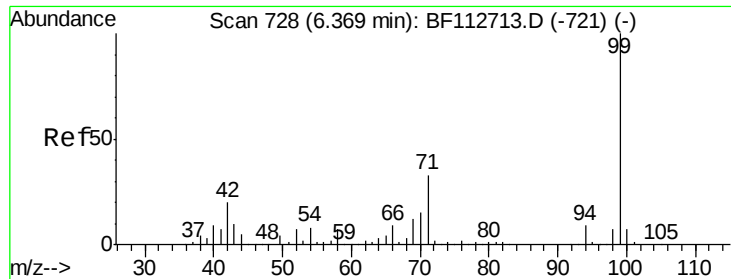
Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Tgt Ion:	93	Resp:	741269
Ion Ratio		Lower	Upper
93	100		
66	57.5	32.2	48.2#
65	34.1	16.2	24.4#





#7

Phenol-d6

Concen: 75.834 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1142181

Ion Ratio Lower Upper

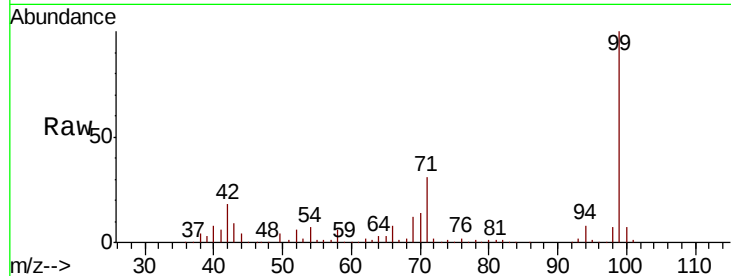
99 100

42 17.7 16.3 24.5

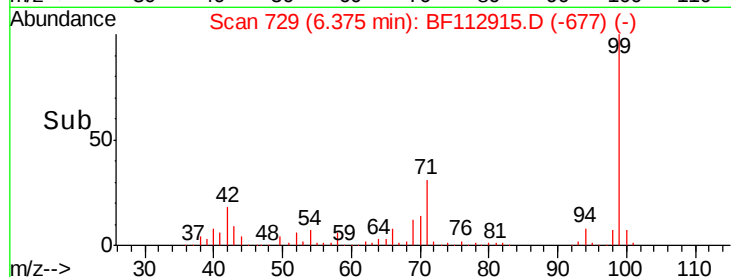
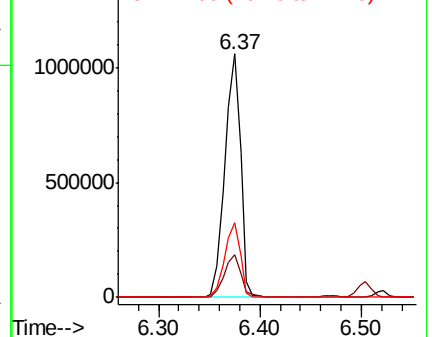
71 30.9 26.2 39.4

Manual Integrations

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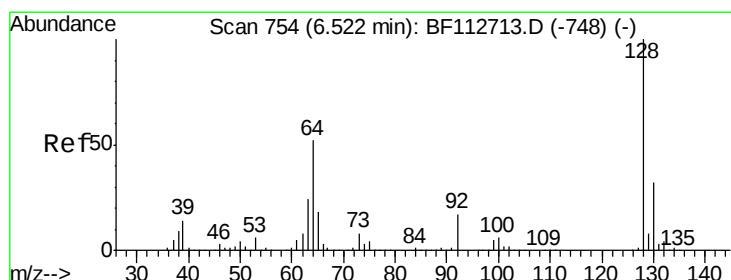


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



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#8

2-Chlorophenol

Concen: 38.992 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

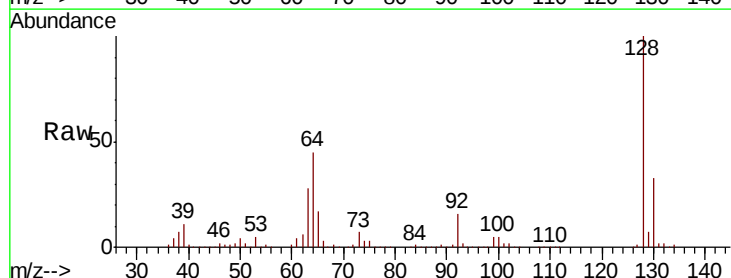
Tgt Ion: 128 Resp: 520426

Ion Ratio Lower Upper

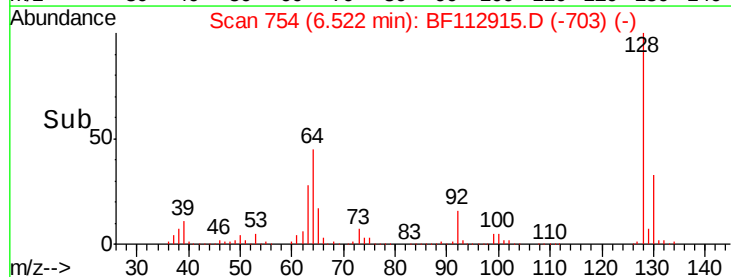
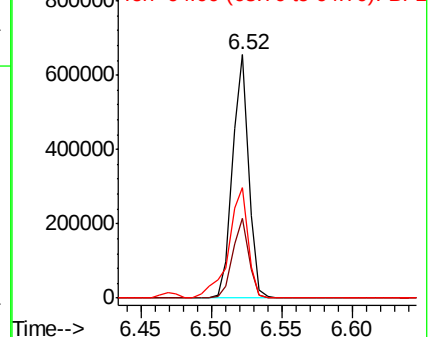
128 100

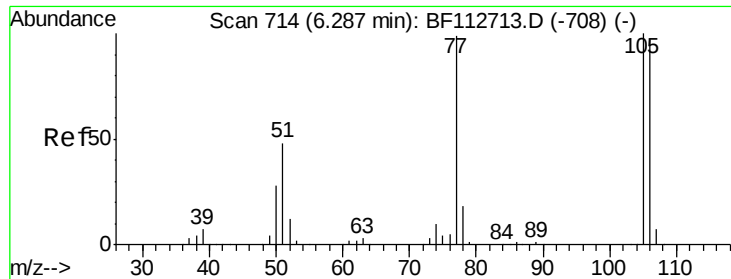
130 32.9 12.4 52.4

64 45.3 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.963 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

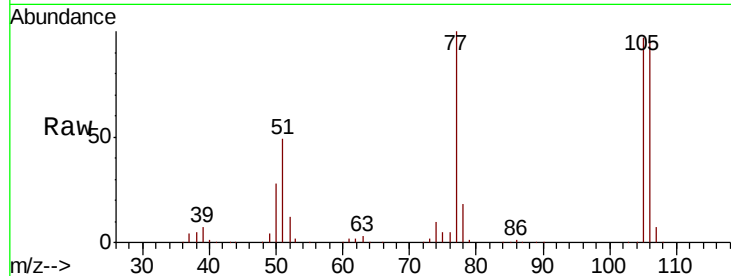
BNA_F

ClientSampleId :

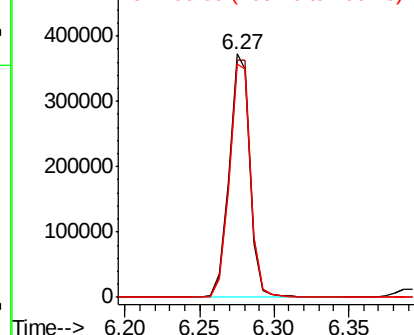
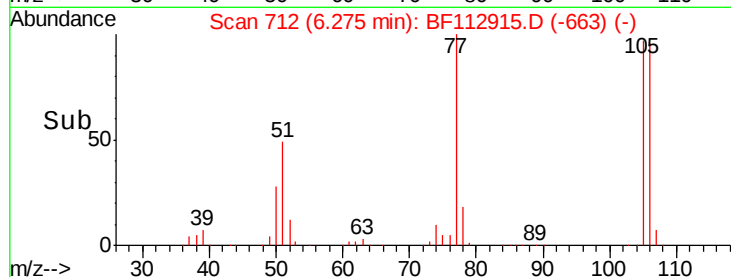
SSTDCCC040EC

Tot Ion:	77	Resp:	368585
Ion Ratio	Lower	Upper	
77	100		
105	97.3	81.4	121.4
106	95.7	78.3	118.3

Manual Integrations
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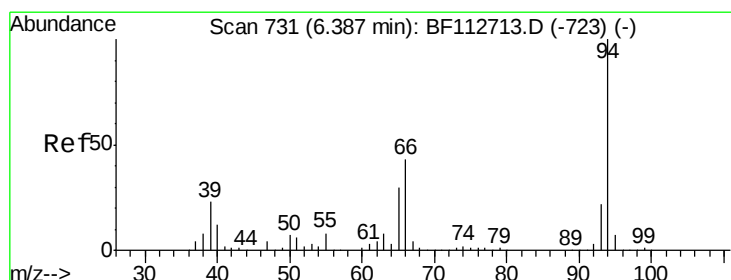


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



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#10

Phenol

Concen: 36.029 ng

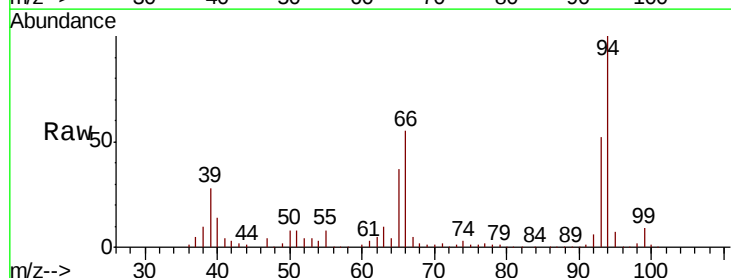
RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

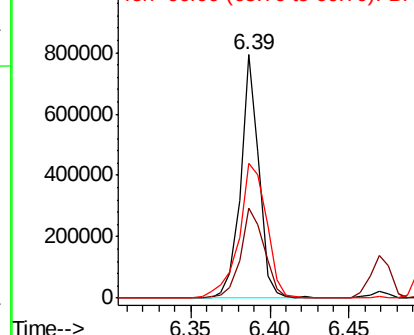
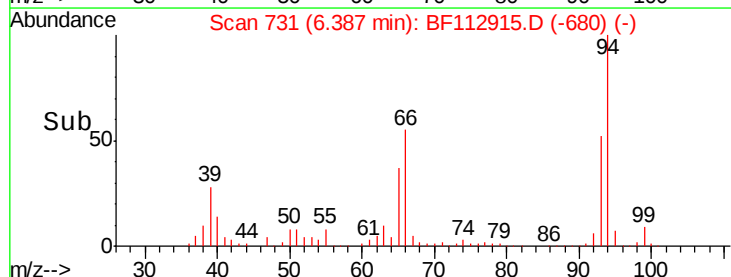
Lab File: BF112915.D

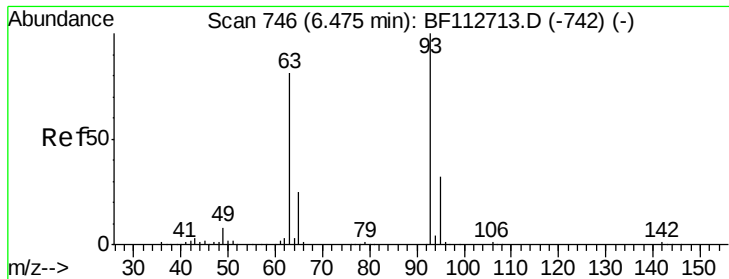
Acq: 7 Mar 2019 7:06

Tgt Ion:	94	Resp:	633234
Ion Ratio	Lower	Upper	
94	100		
65	36.9	10.5	50.5
66	55.4	22.6	62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



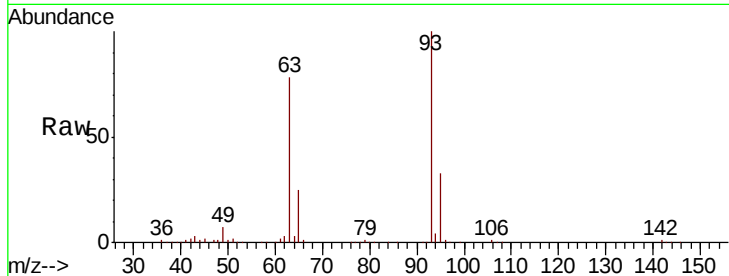


#11
bis(2-Chloroethyl)ether
Concen: 37.321 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

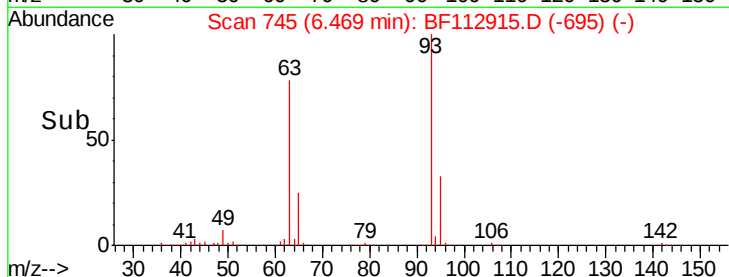
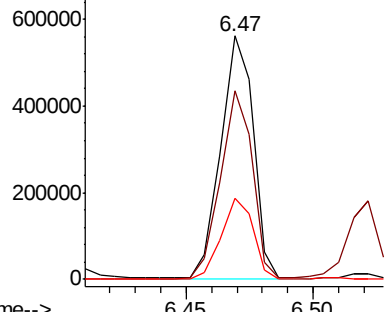
Instrument :
BNA_F
ClientSampled :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.7	60.5	100.5
95	33.0	12.1	52.1

Manual Integrations
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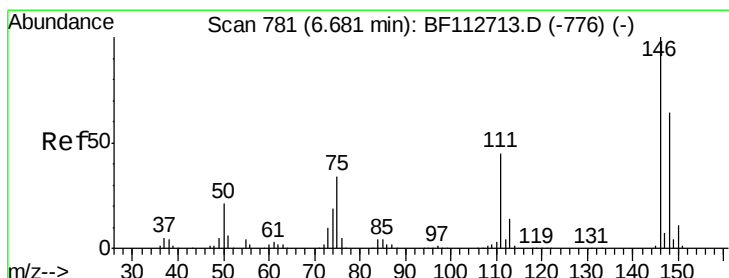


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



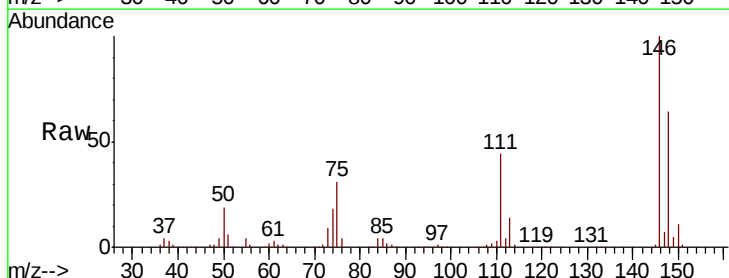
Sohil

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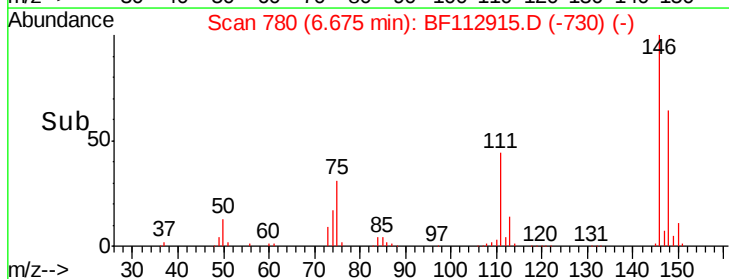
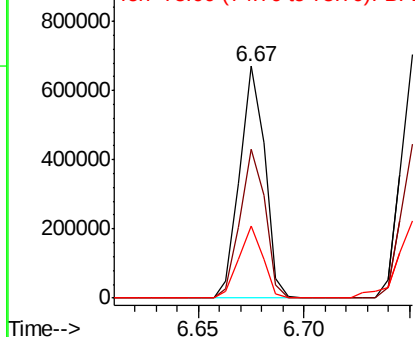


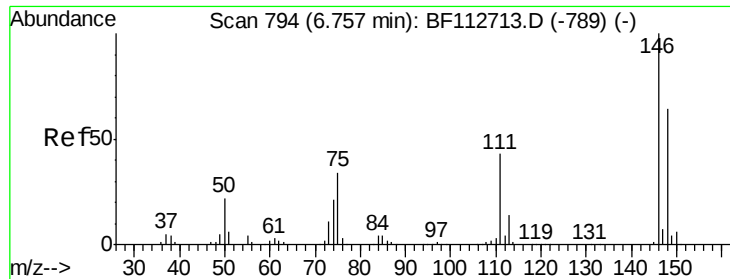
#12
1,3-Dichlorobenzene
Concen: 39.999 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
75	31.3	26.9	40.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



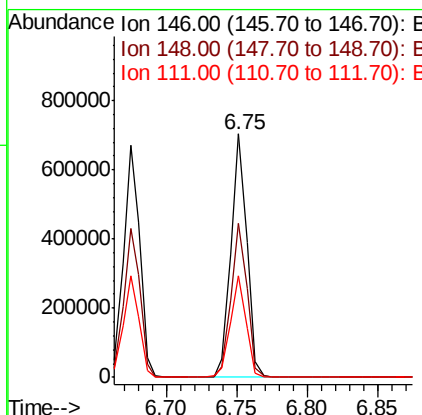
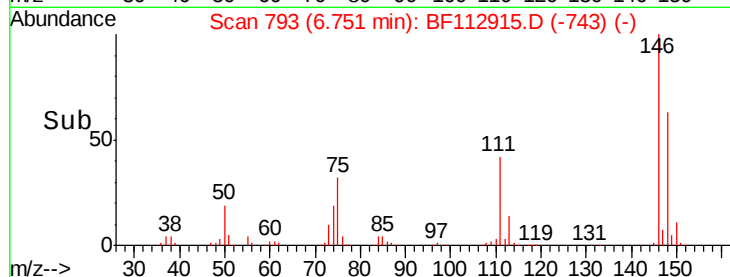
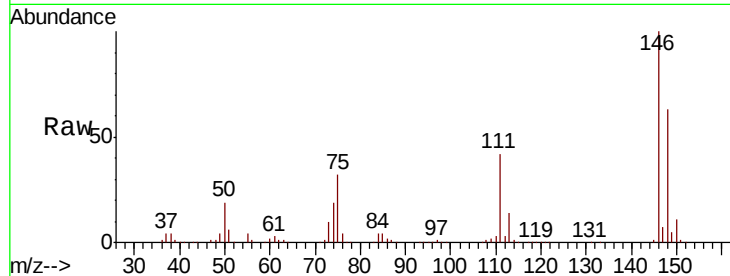


#13
1,4-Dichlorobenzene
Concen: 39.949 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

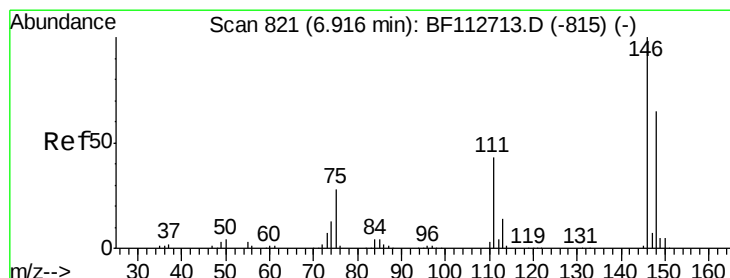
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	41.5	34.5	51.7

Manual Integrations
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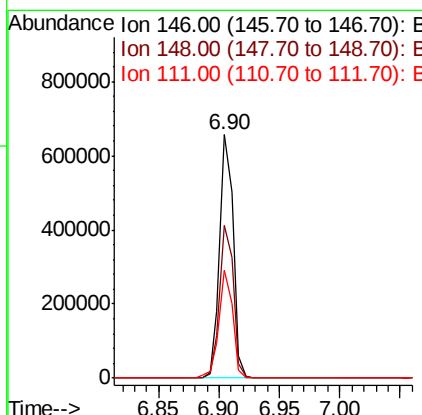
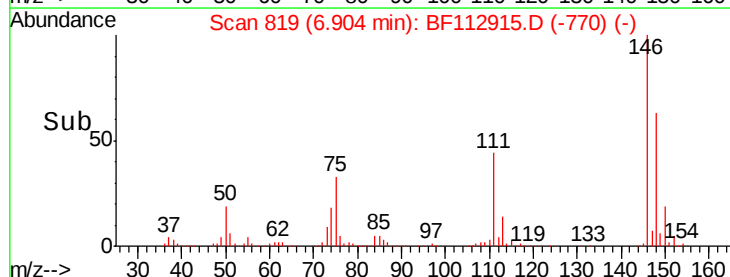
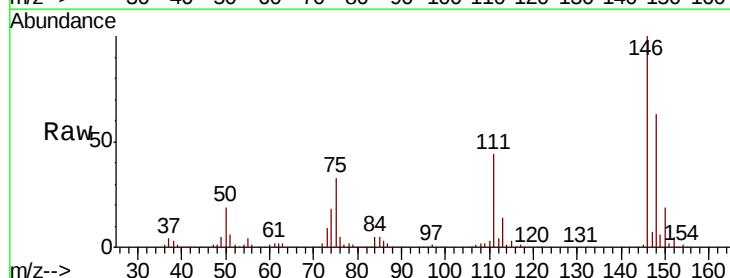
Sohil

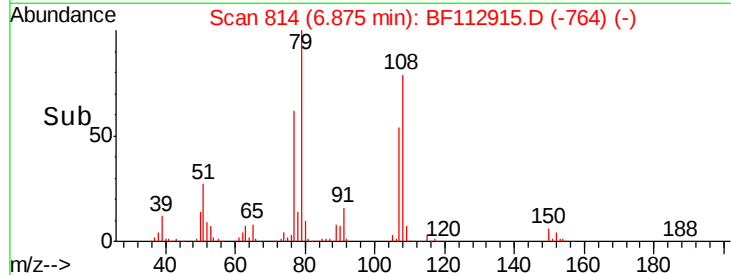
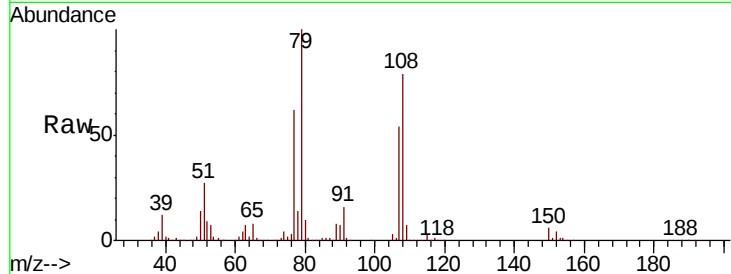
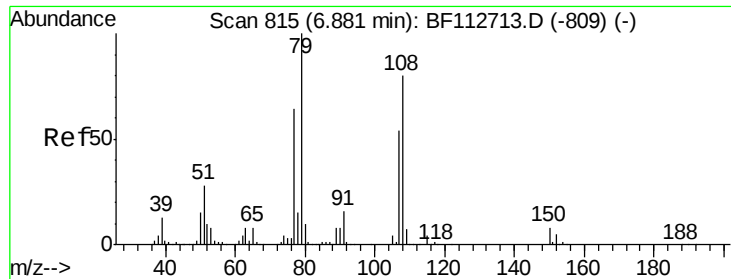
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#14
1,2-Dichlorobenzene
Concen: 39.852 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.0	78.0
111	44.4	34.8	52.2



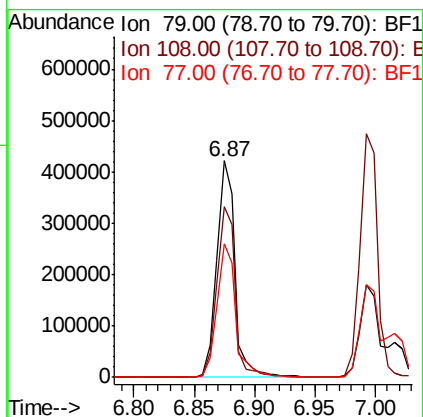


#15
Benzyl Alcohol
Concen: 37.626 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	64.2	96.4
77	62.0	51.1	76.7

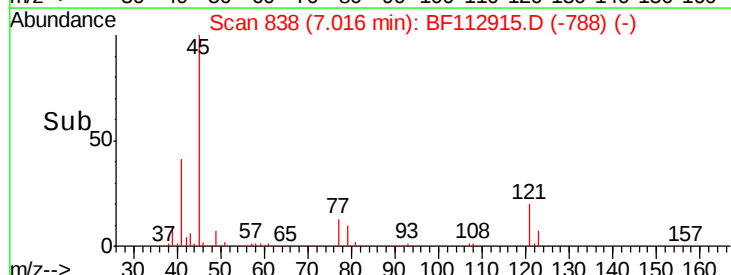
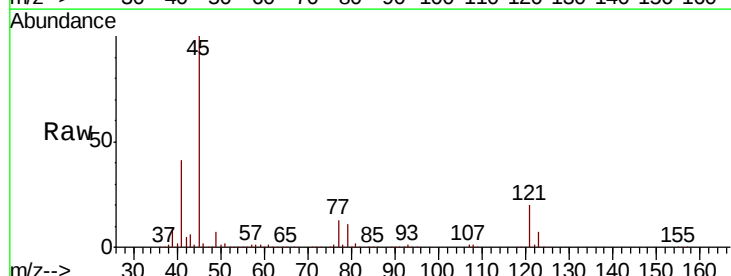
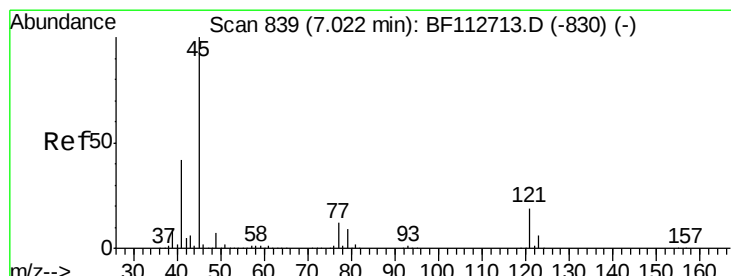
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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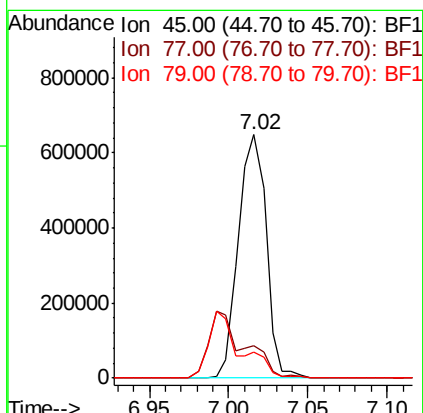
Sohil

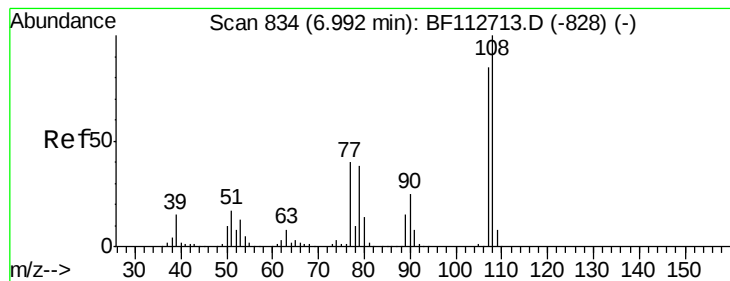
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.160 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	32.1
79	10.5	0.0	29.4



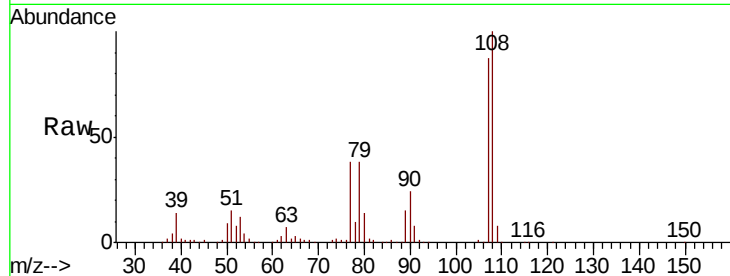


#17
2-Methylphenol
Concen: 37.248 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	94.6	142.0	
77	43.8	37.8	56.8	
79	43.5	36.2	54.2	

Manual Integrations
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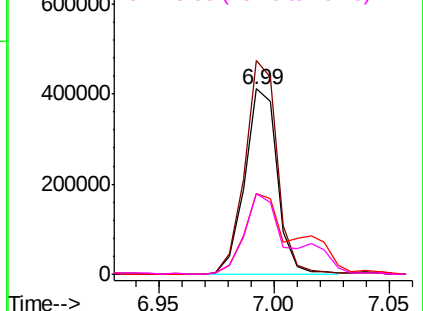
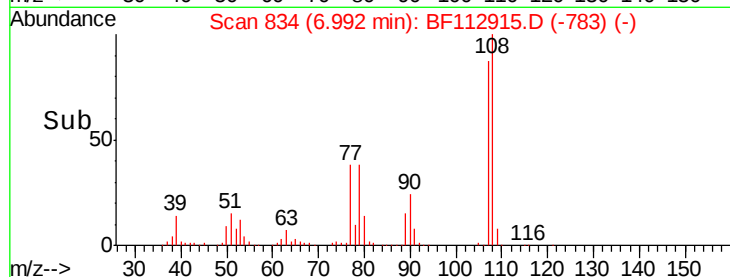
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

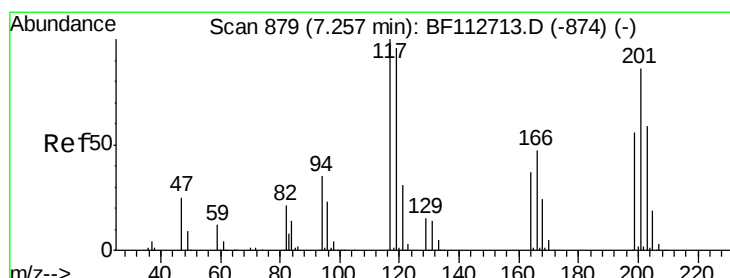
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



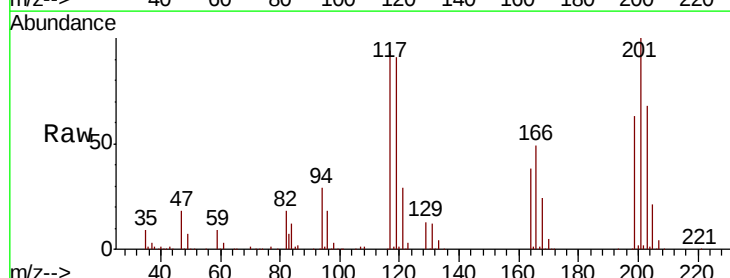
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#18
Hexachloroethane
Concen: 35.938 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	76.6	115.0	
201	106.2	68.9	103.3	

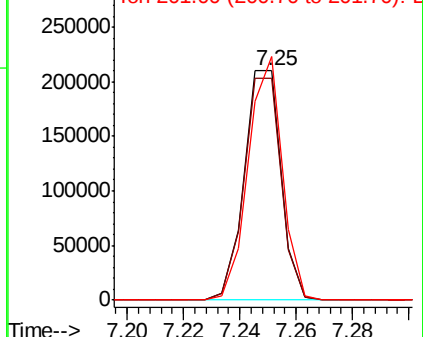
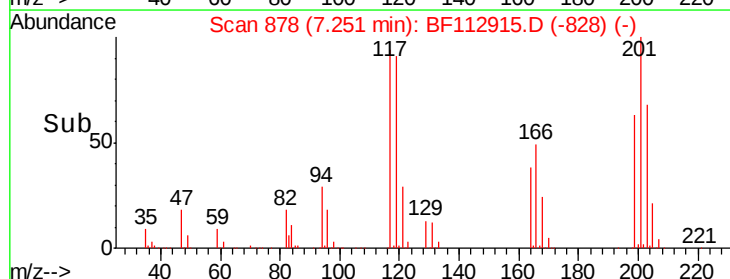


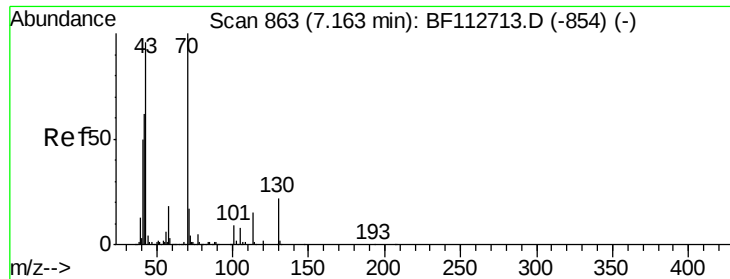
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



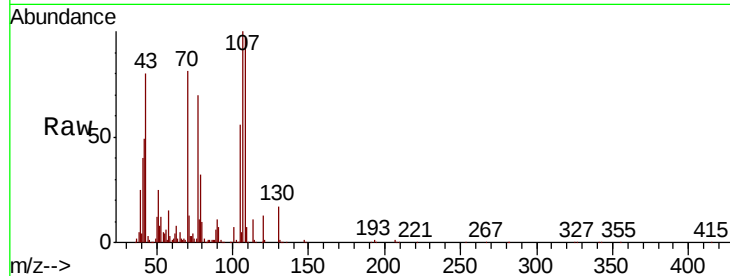


#19
n-Nitroso-di-n-propylamine
Concen: 34.538 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.3	49.9	74.9	
101	9.2	7.4	11.2	
130	21.3	17.4	26.2	

Manual Integrations
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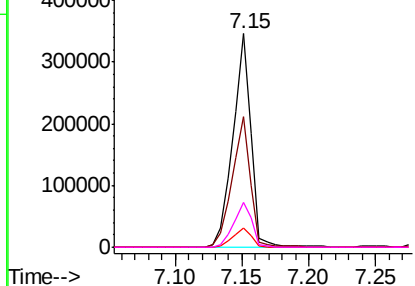
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

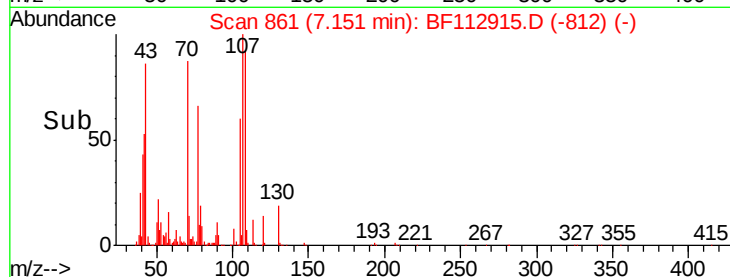
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



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#20
3+4-Methylphenols
Concen: 37.637 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	71.4	111.4	
77	151.6	94.1	134.1#	
79	27.4	8.6	48.6	

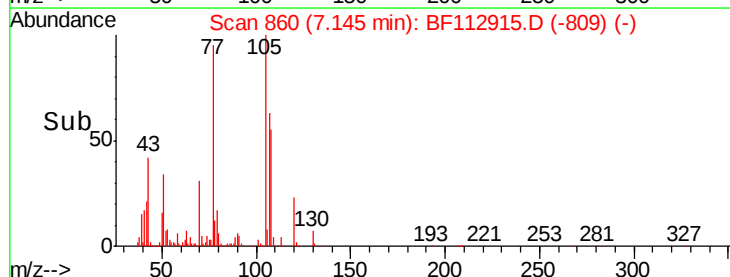
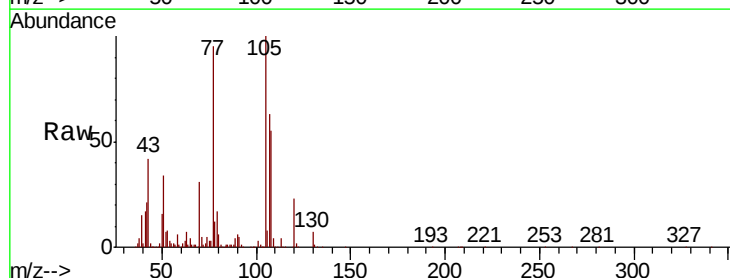
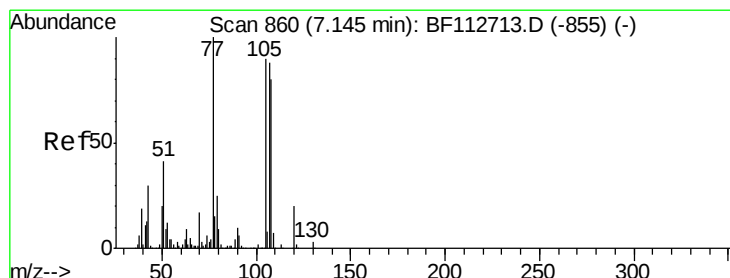
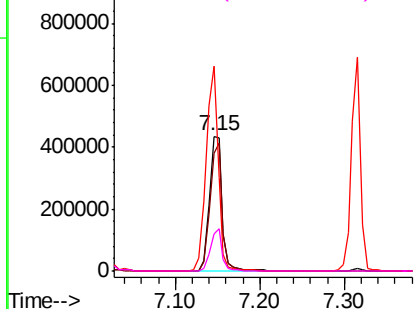
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



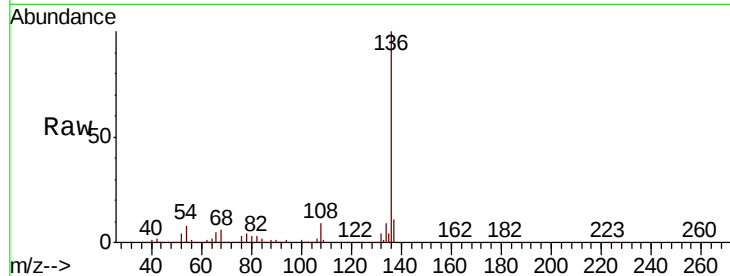


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.1	7.3	10.9
68	6.4	5.4	8.2

Manual Integrations
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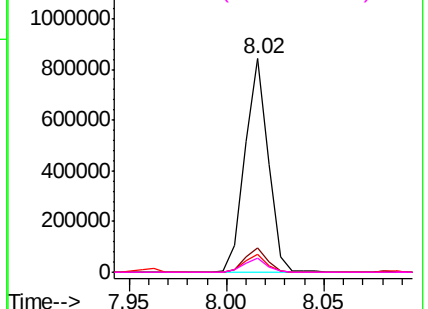
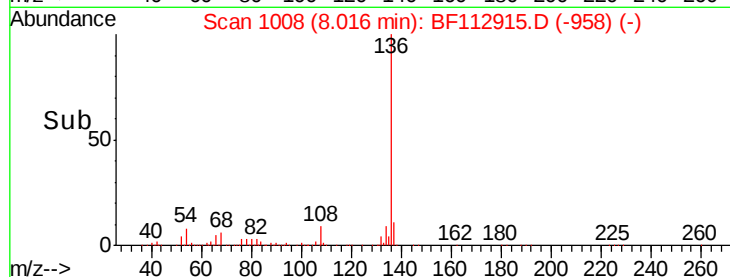
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

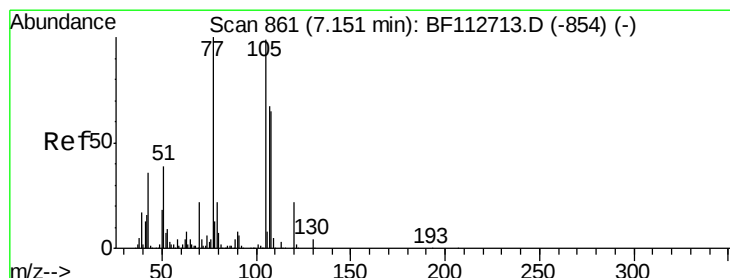
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



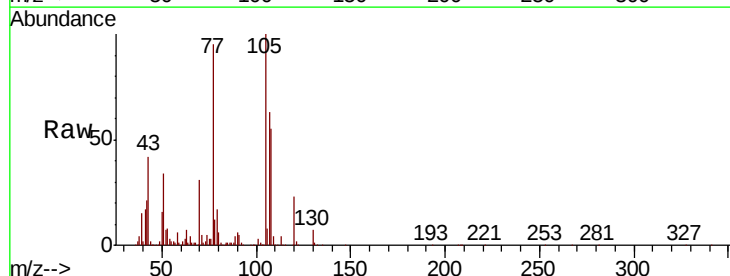
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#22
Acetophenone
Concen: 41.538 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.2	3.0	4.4#
51	34.5	31.5	47.3
120	22.8	18.1	27.1



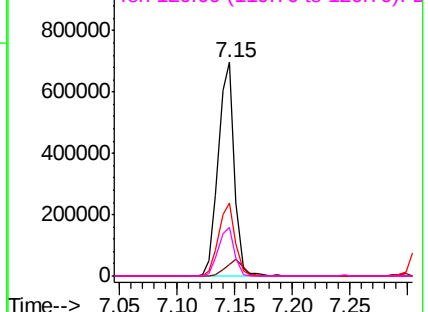
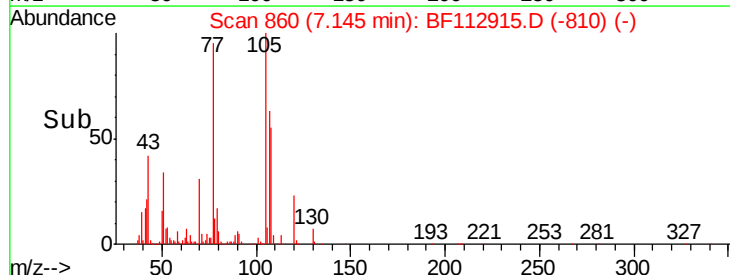
Abundance

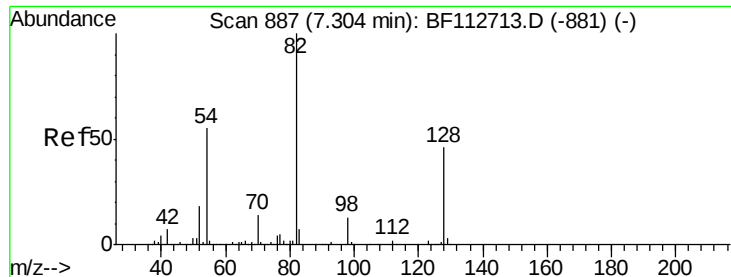
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



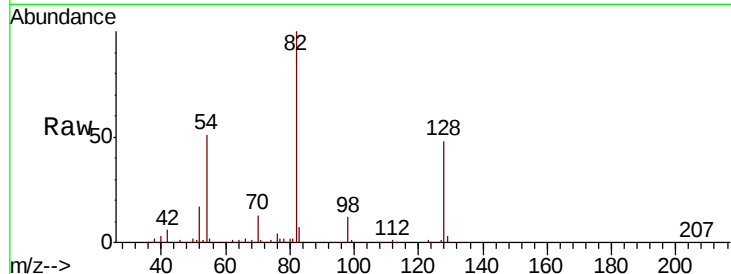


#23
Nitrobenzene-d5
Concen: 84.369 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.3	54.5
54	51.3	43.7	65.5

Manual Integrations
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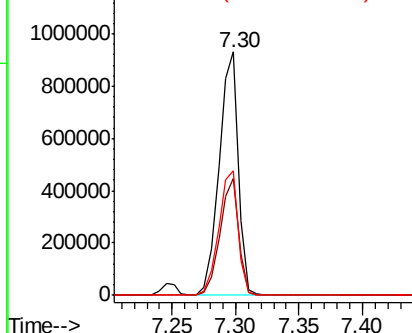


Abundance

Ion 82.00 (81.70 to 82.70): BF1

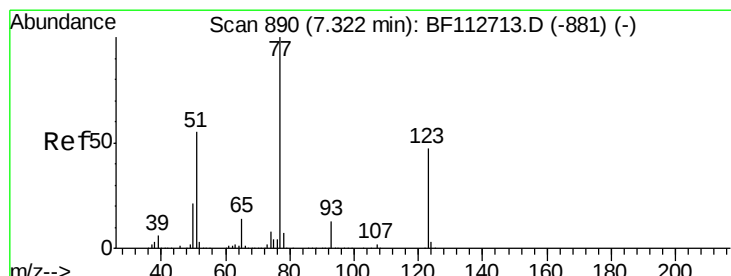
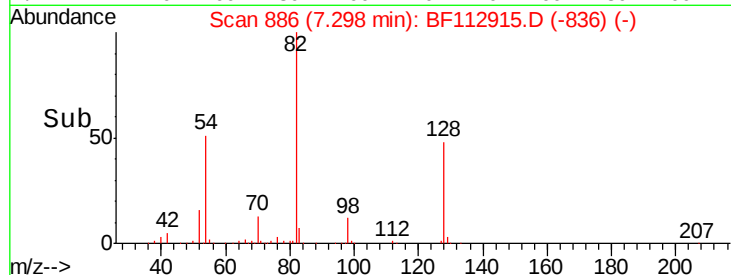
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



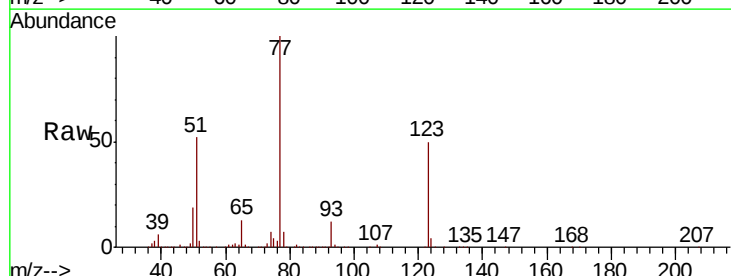
Sohil

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#24
Nitrobenzene
Concen: 40.511 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.8	56.6
65	13.5	11.1	16.7

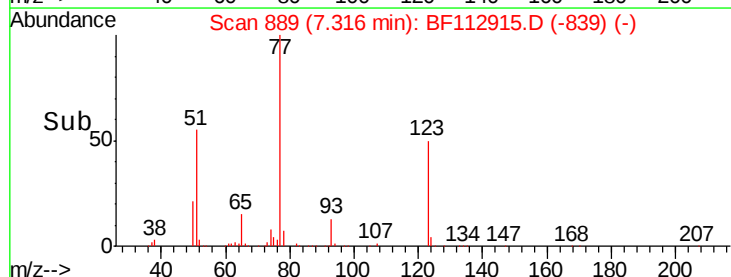
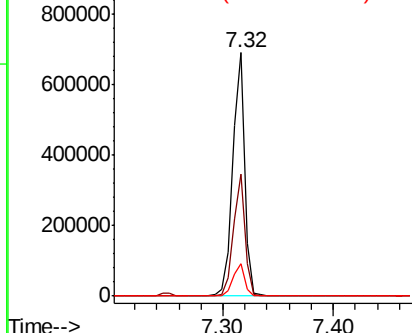


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.328 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

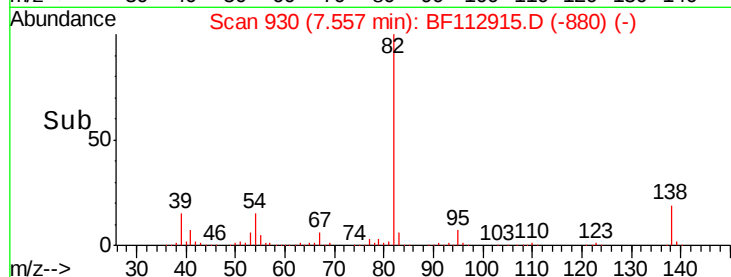
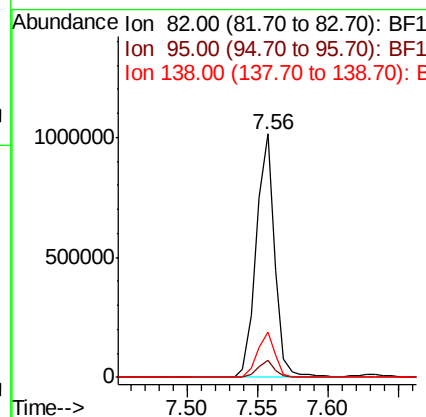
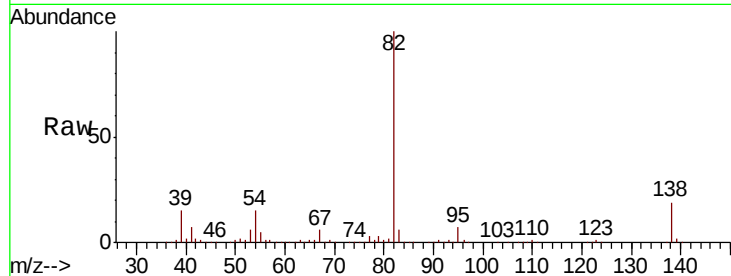
BNA_F

ClientSampleId :

SSTDCCC040EC

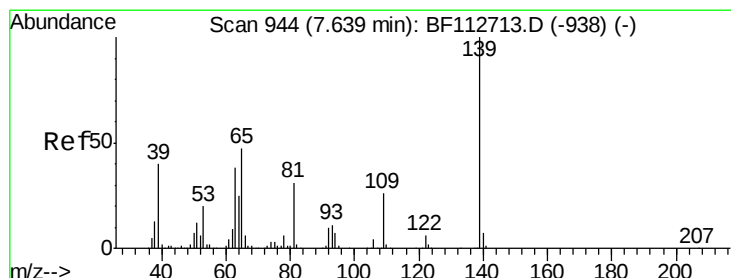
Tot Ion:	82	Resp:	936054
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.5	13.8	20.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.123 ng

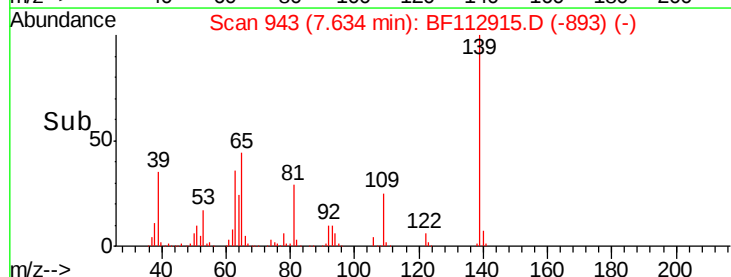
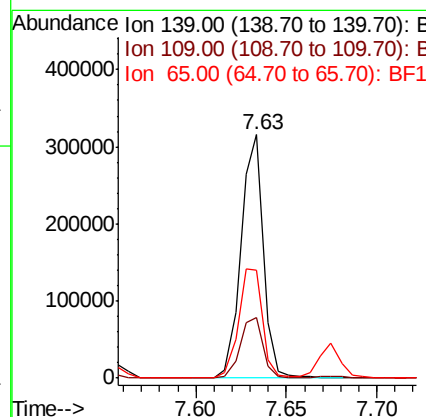
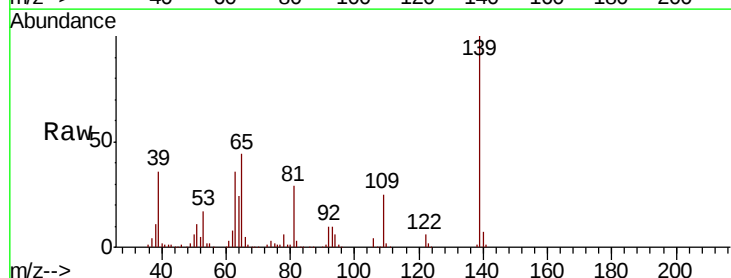
RT: 7.63 min Scan# 943

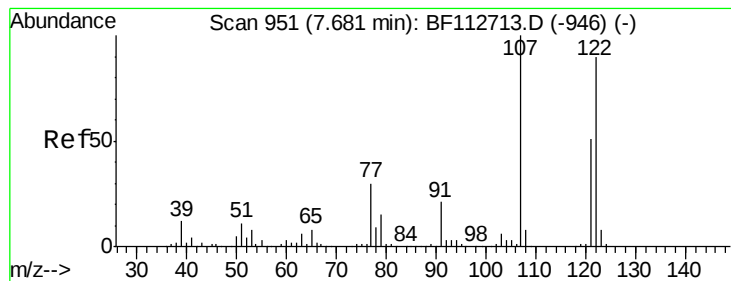
Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Tgt Ion:	139	Resp:	270310
Ion Ratio		Lower	Upper
139	100		
109	24.6	20.6	31.0
65	44.4	37.9	56.9



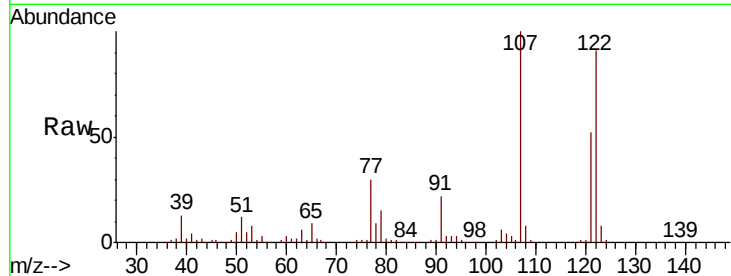


#27
2,4-Dimethylphenol
Concen: 39.195 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	89.4	134.0
121	56.8	45.5	68.3

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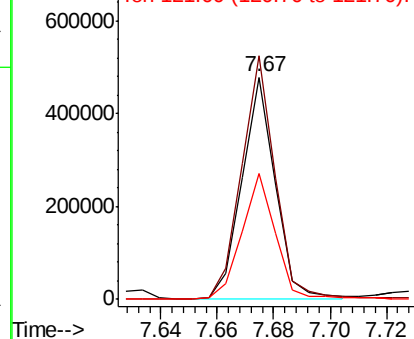


Abundance

Ion 122.00 (121.70 to 122.70): E

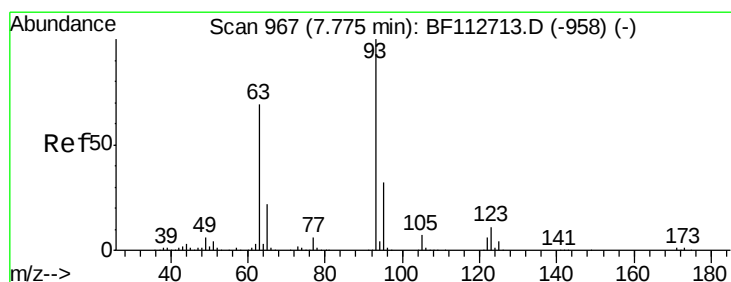
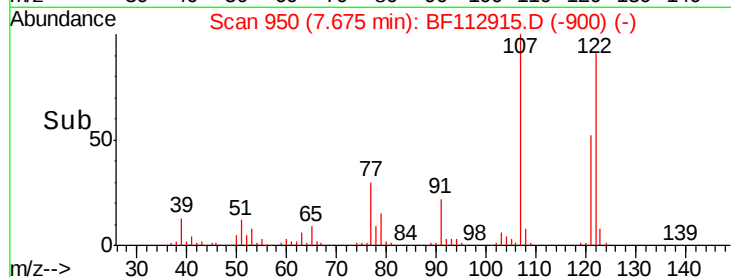
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



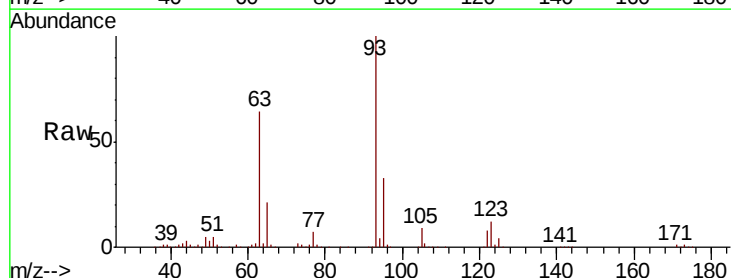
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#28
bis(2-Chloroethoxy)methane
Concen: 39.204 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	11.8	9.3	13.9

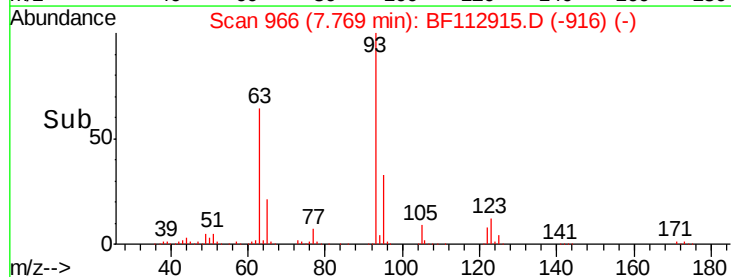
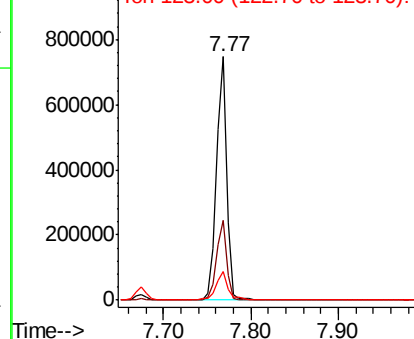


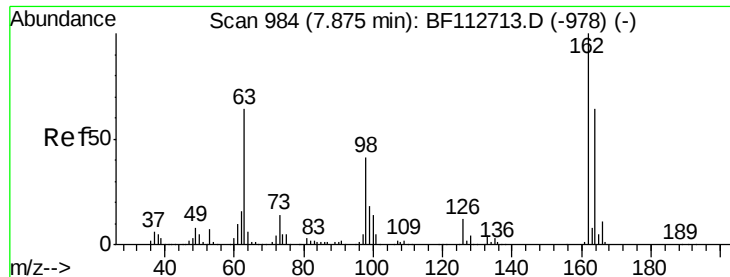
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E



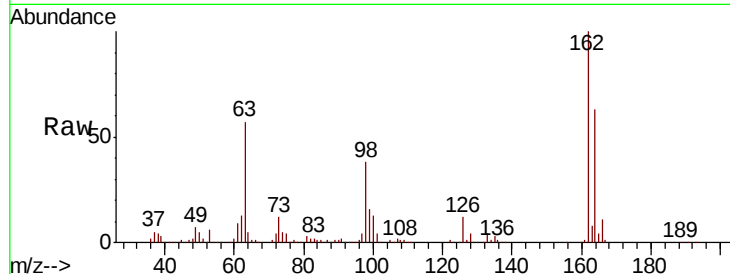


#29
2,4-Dichlorophenol
Concen: 41.489 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.0	84.0
98	38.4	20.7	60.7

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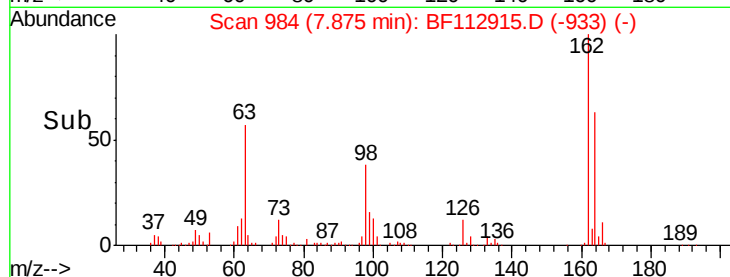
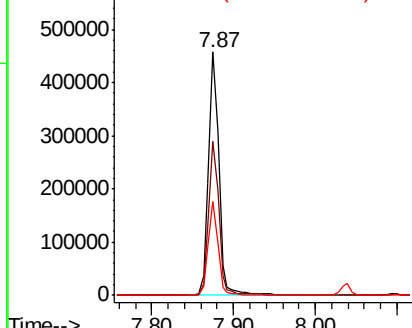


Abundance

Ion 162.00 (161.70 to 162.70): E

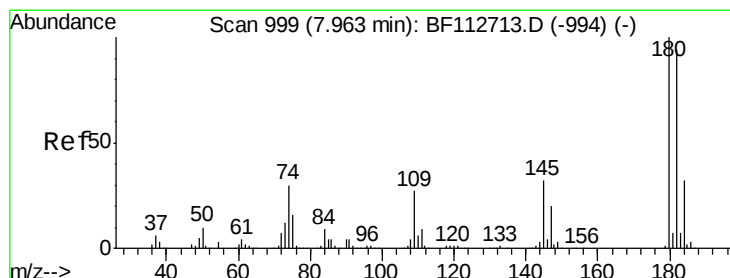
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



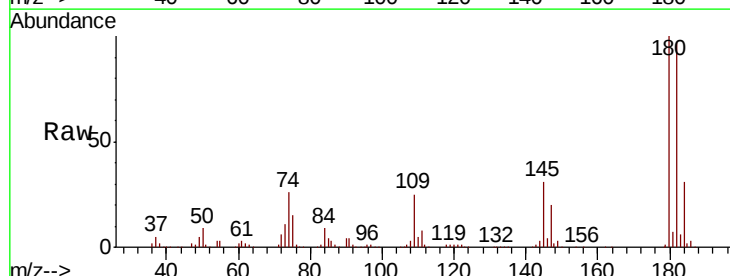
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#30
1,2,4-Trichlorobenzene
Concen: 41.671 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.2	112.8
145	31.0	25.4	38.0

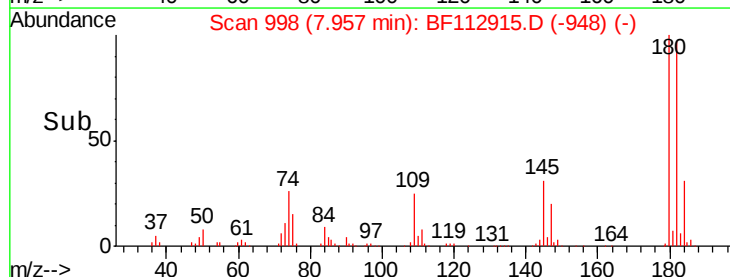
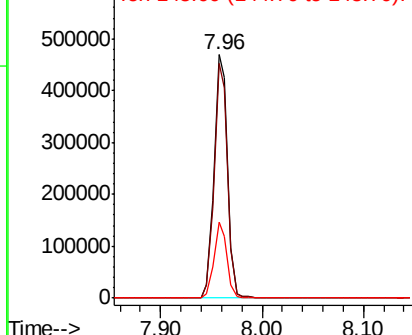


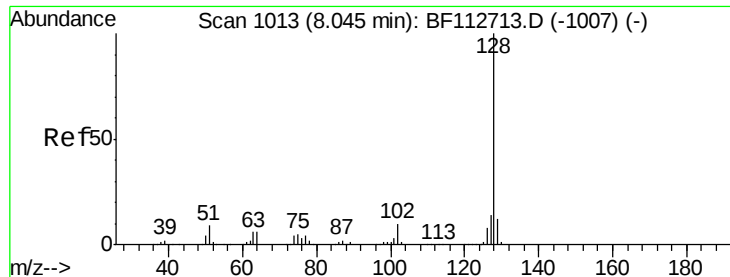
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



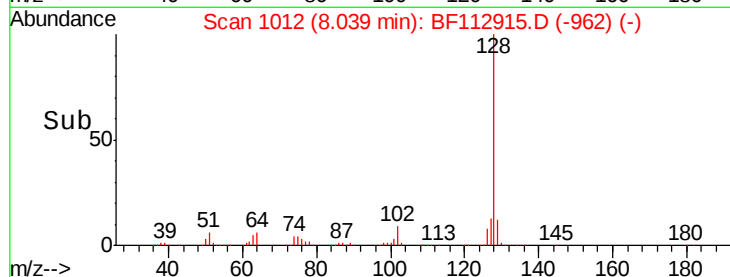
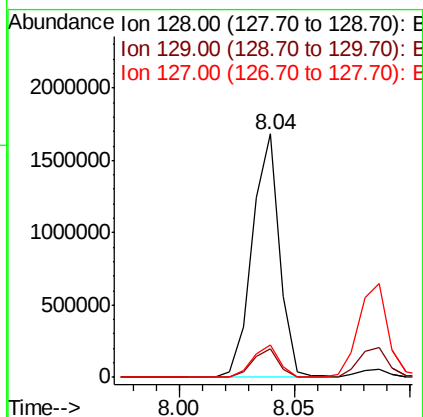
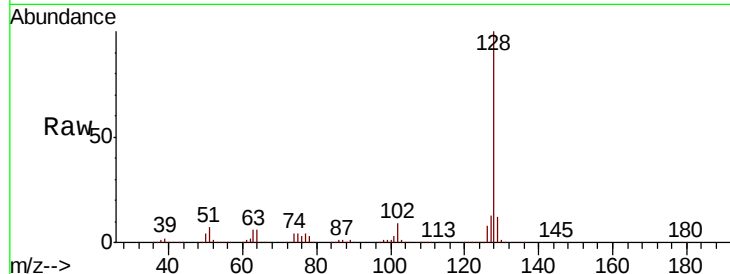


#31
Naphthalene
Concen: 40.150 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

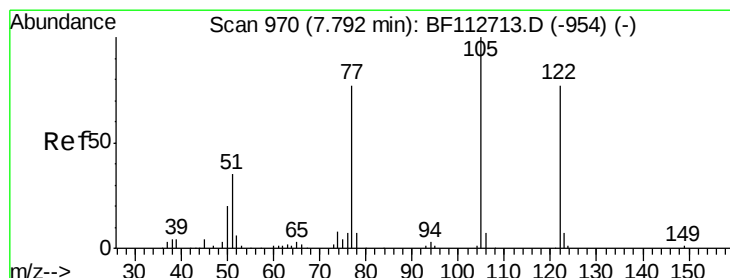
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.5	10.9	16.3

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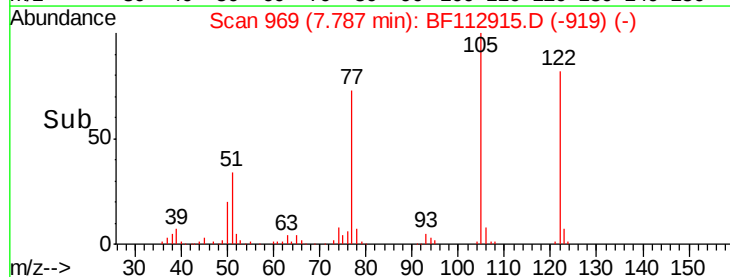
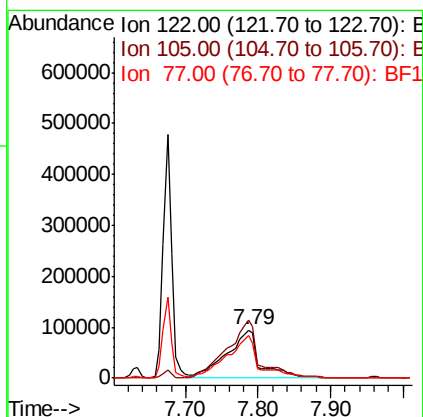
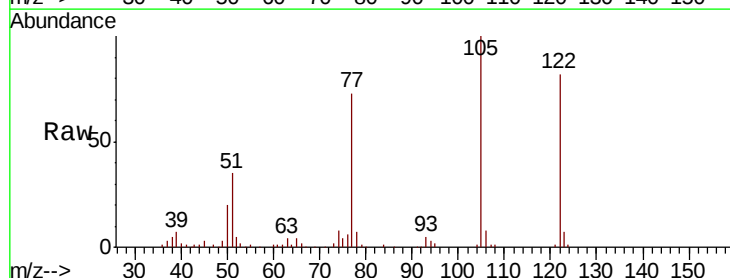
Sohil

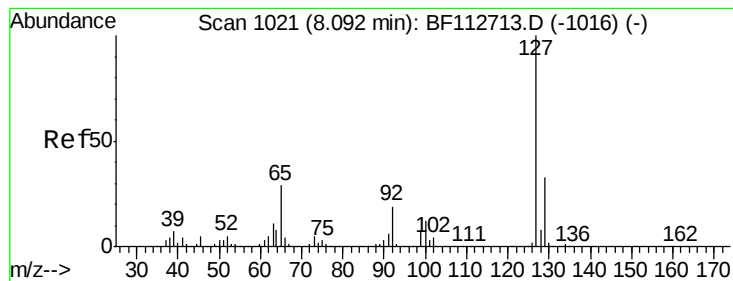
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#32
Benzoic acid
Concen: 41.577 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.6	106.8	146.8
77	88.8	79.4	119.4



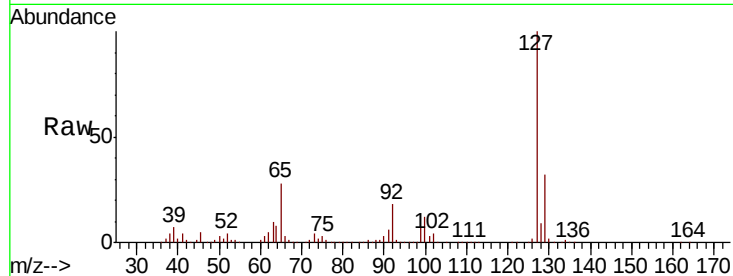


#33
4-Chloroaniline
Concen: 40.829 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

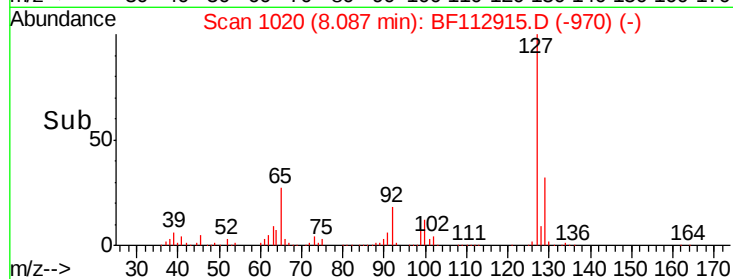
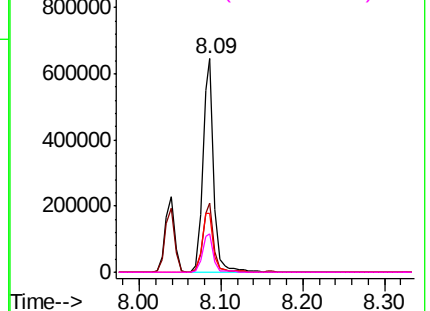
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.4	39.6		
65	27.6	23.1	34.7		
92	18.2	14.9	22.3		

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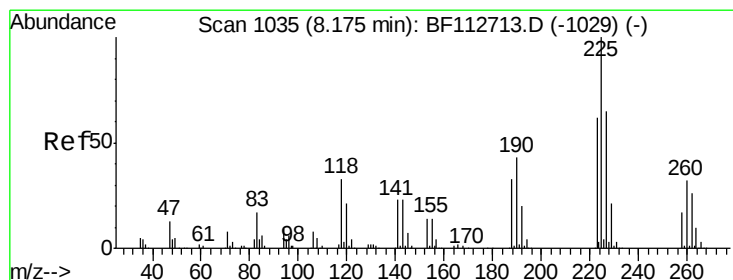


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1



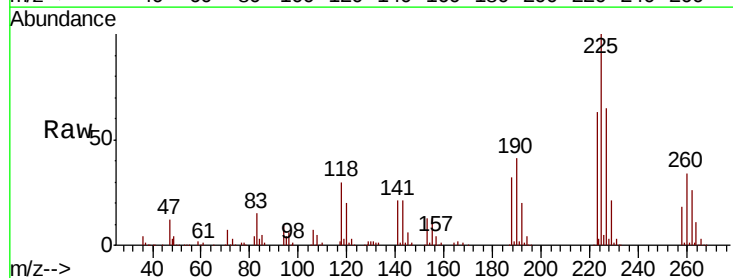
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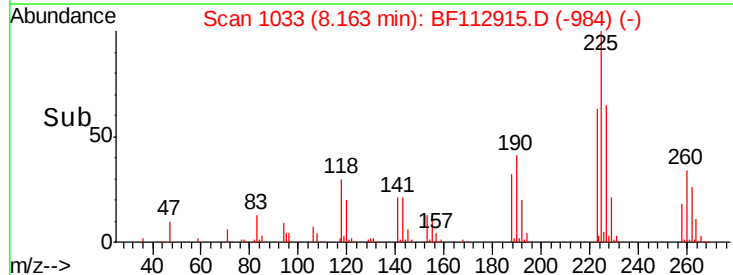
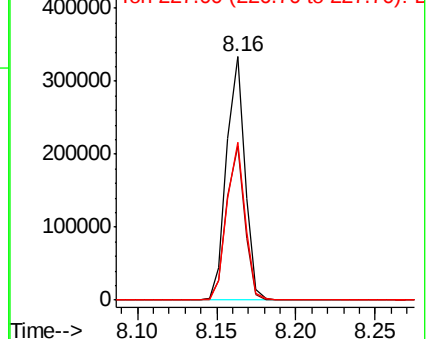


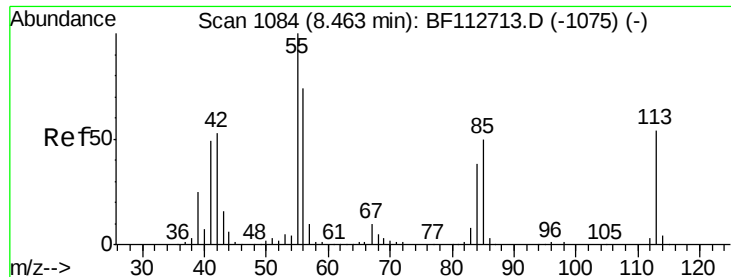
#34
Hexachlorobutadiene
Concen: 45.682 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.7	74.5		
227	65.0	52.1	78.1		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



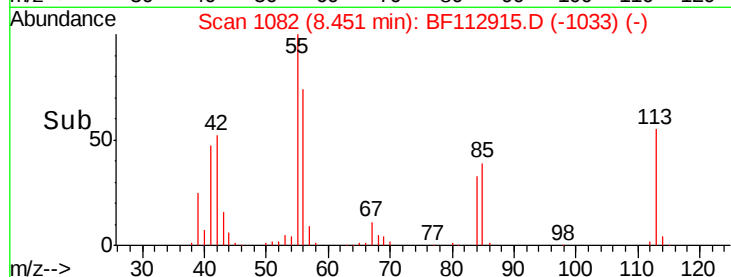
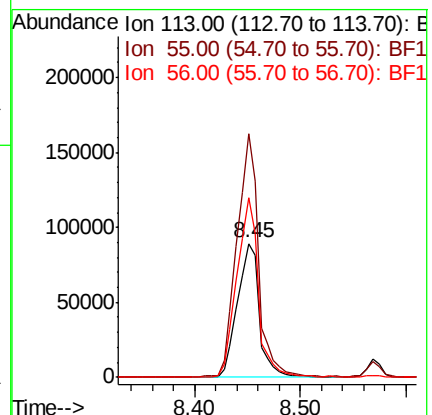
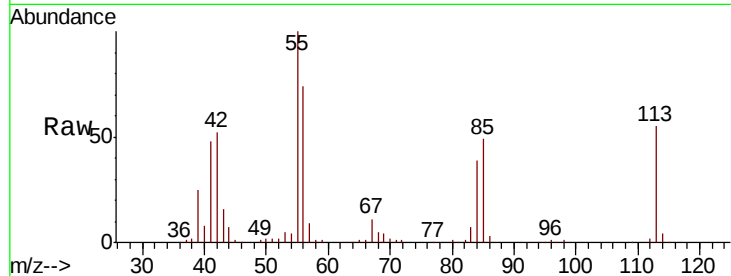


#35
Caprolactam
Concen: 37.452 ng
RT: 8.45 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

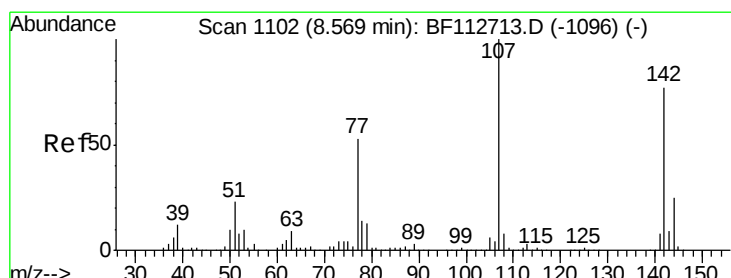
Tot Ion	Ratio	Lower	Upper
113	100		
55	181.5	163.5	203.5
56	134.1	115.3	155.3

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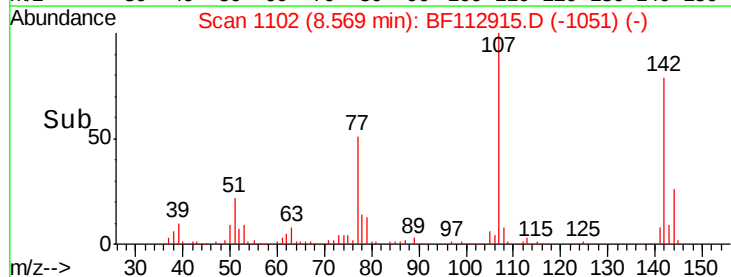
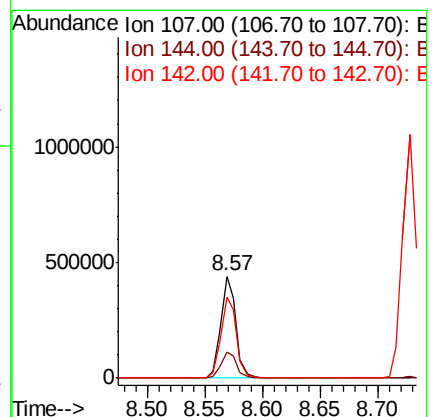
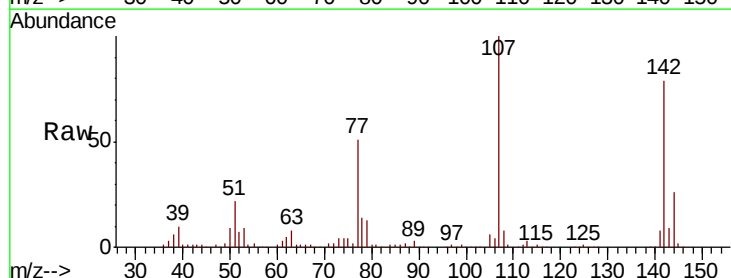
Sohil

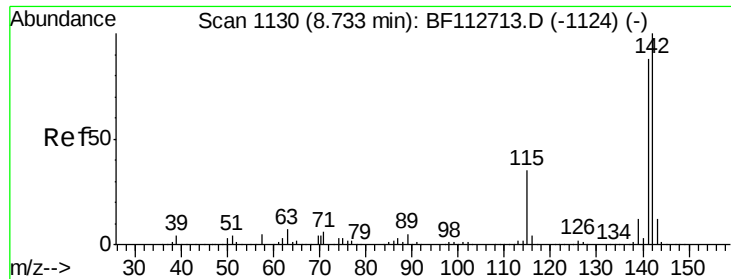
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#36
4-Chloro-3-methylphenol
Concen: 36.975 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.1	30.1
142	79.1	61.9	92.9



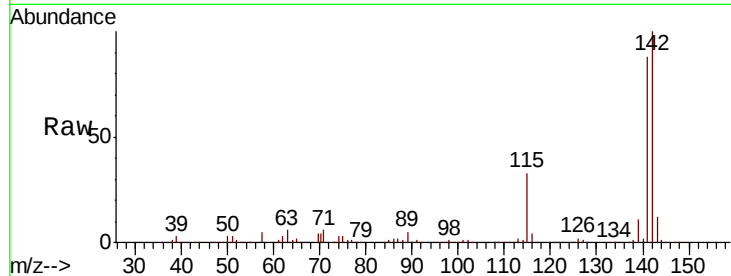


#37
2-Methylnaphthalene
Concen: 39.677 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	33.4	27.8	41.6

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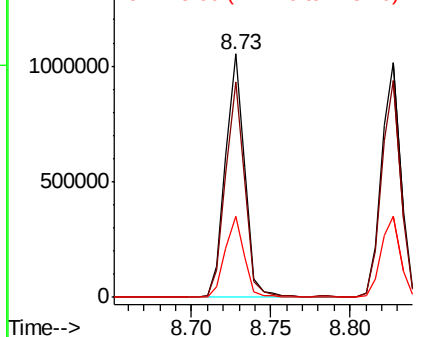


Abundance

Ion 142.00 (141.70 to 142.70): E

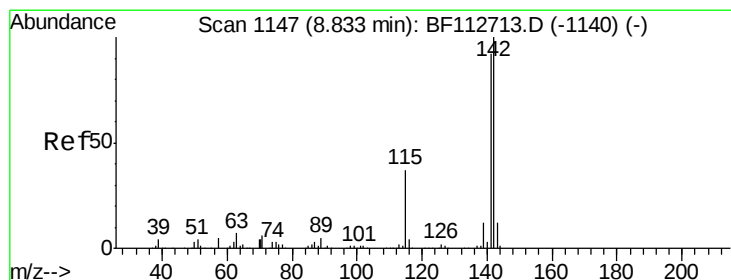
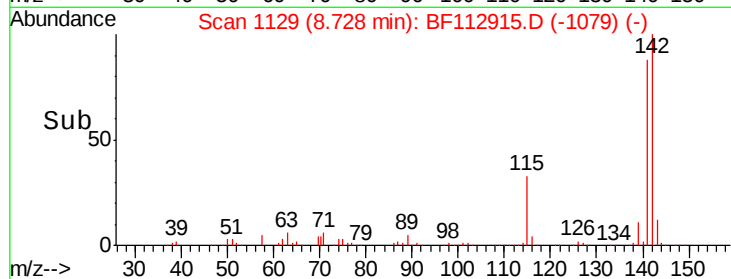
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



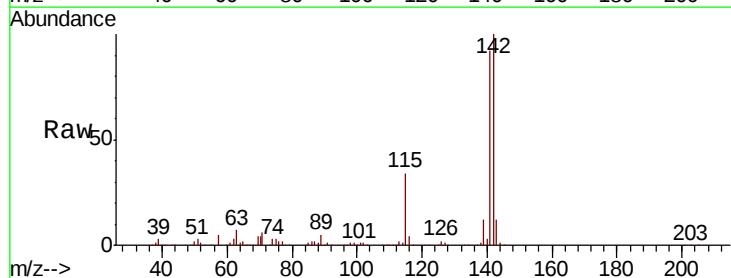
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#38
1-Methylnaphthalene
Concen: 39.775 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.7	110.5
116	3.5	3.1	4.7

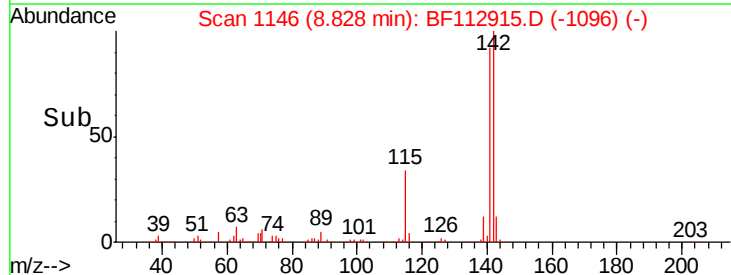
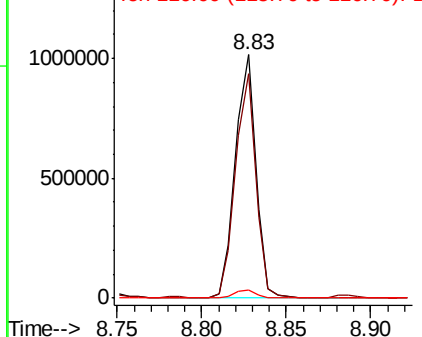


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



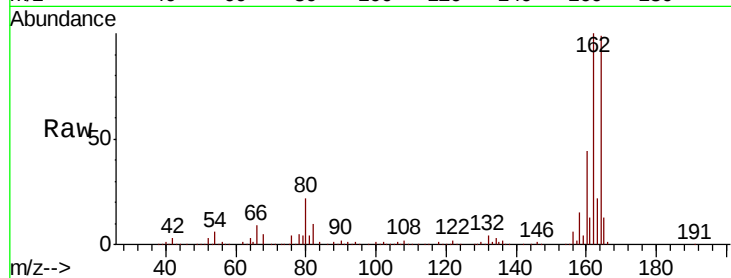


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

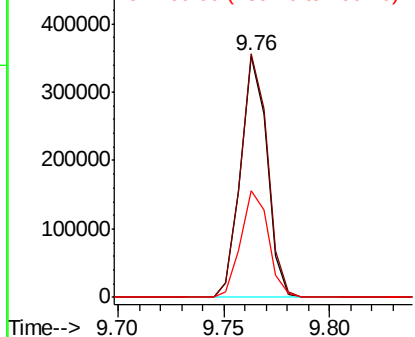
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.4	36.0	54.0

Manual Integrations
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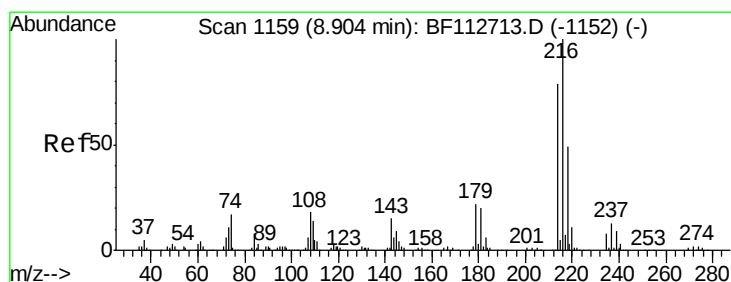


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



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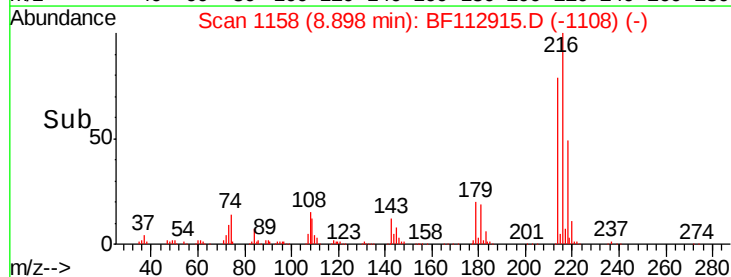
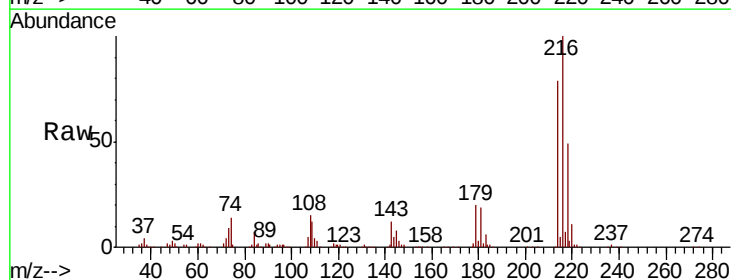
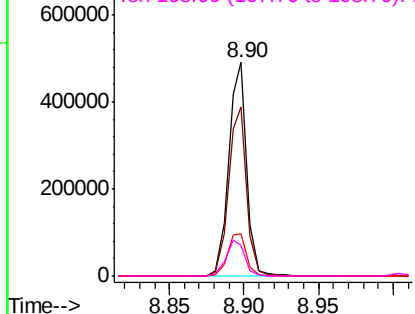
3/7/2019 11:03:17 AM

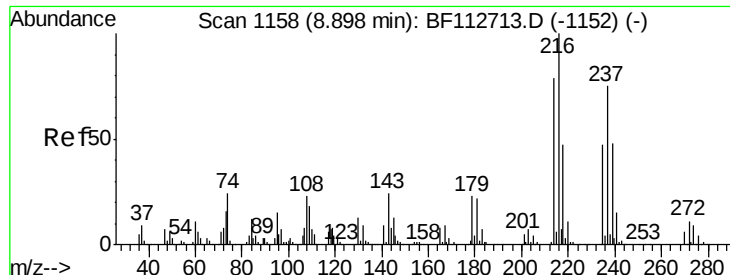


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.129 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.2	94.8
179	20.8	17.5	26.3
108	17.5	16.7	25.1

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 19.203 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

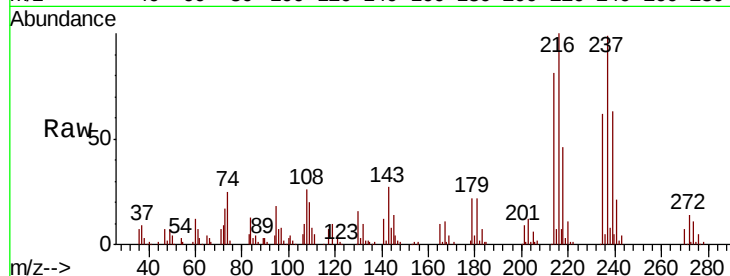
BNA_F

ClientSampleId :

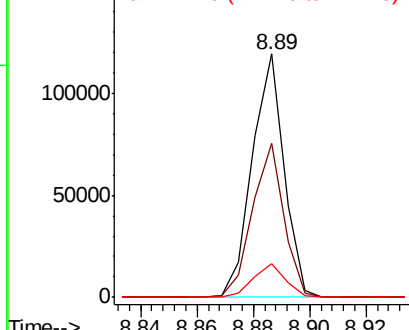
SSTDCCC040EC

Tot Ion:	237	Resp:	93404
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.2	82.2
272	14.0	0.0	34.0

Manual Integrations
APPROVED

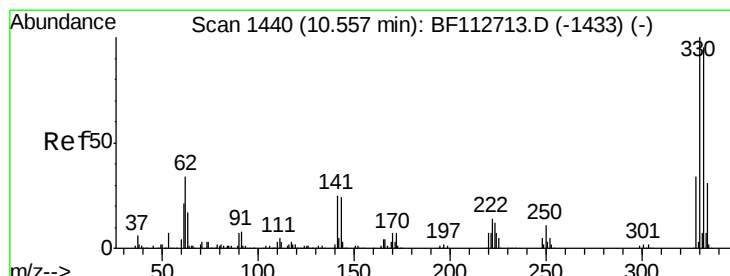
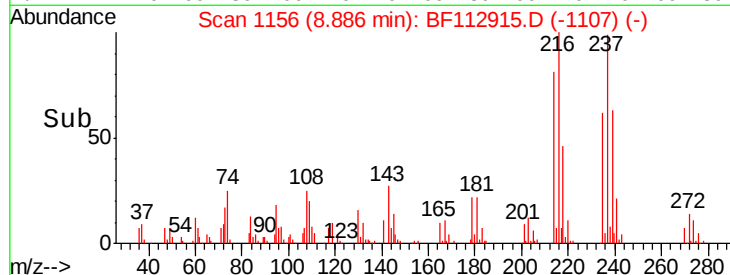


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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#42

2,4,6-Tribromophenol

Concen: 89.152 ng

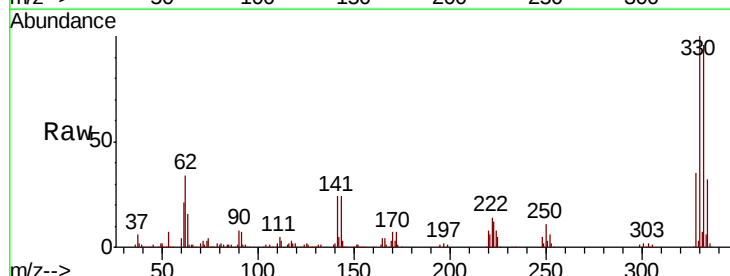
RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

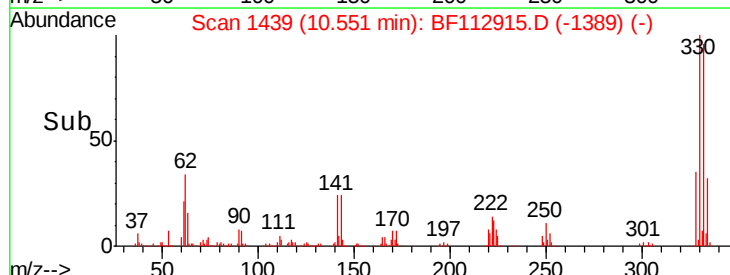
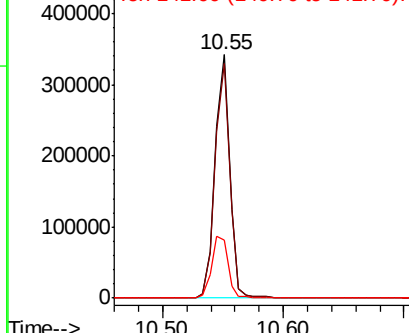
Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Tgt Ion:	330	Resp:	288292
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.2	114.4
141	28.2	27.0	40.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



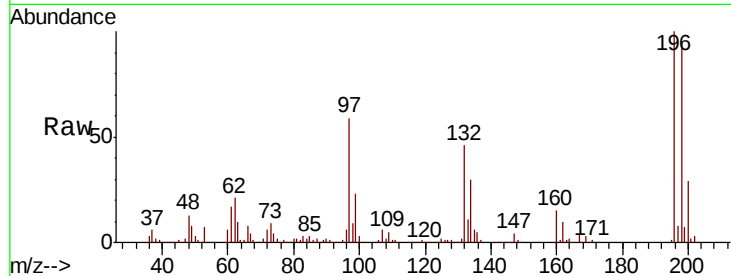


#43
 2,4,6-Trichlorophenol
 Concen: 42.535 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112915.D
 Acq: 7 Mar 2019 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	260023		
198	95.2	75.8	113.8	
200	29.3	24.3	36.5	

Manual Integrations
 APPROVED

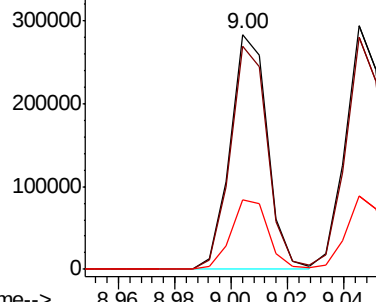


Abundance

Ion 196.00 (195.70 to 196.70): E

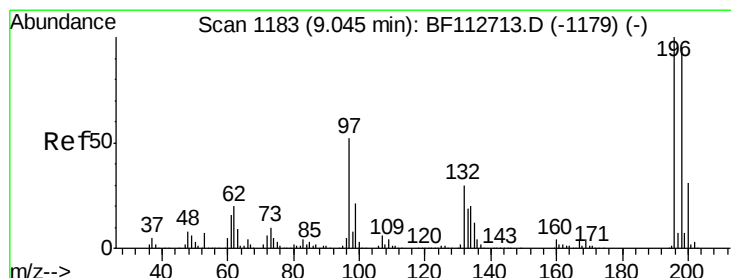
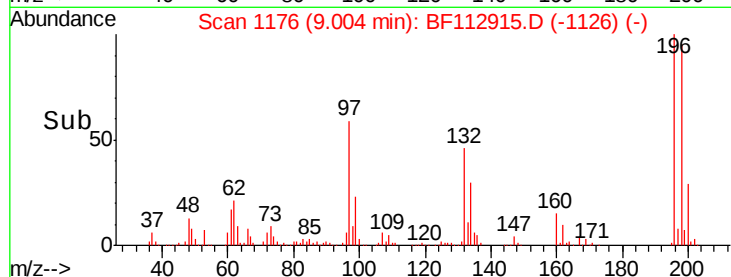
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#44
 2,4,5-Trichlorophenol
 Concen: 41.817 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF112915.D
 Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	276310		
198	95.3	76.2	114.2	
97	50.6	41.5	62.3	
132	30.0	23.9	35.9	

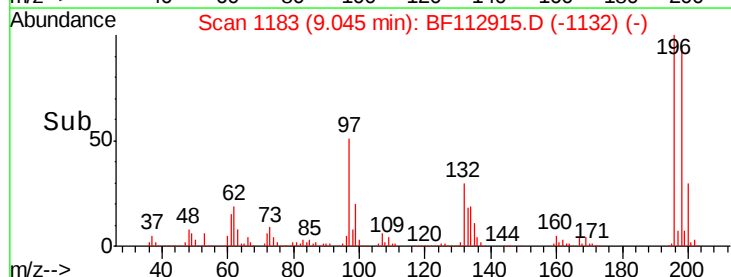
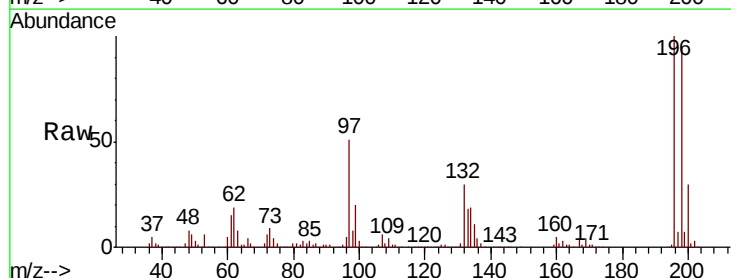
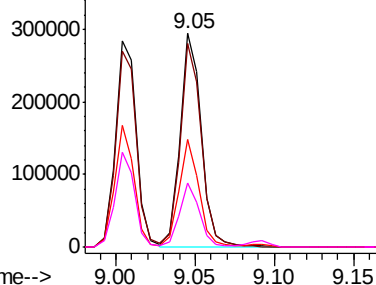
Abundance

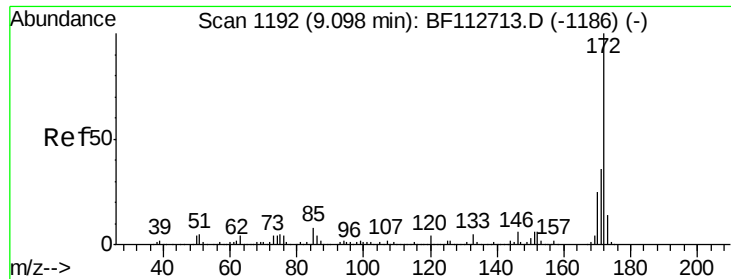
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



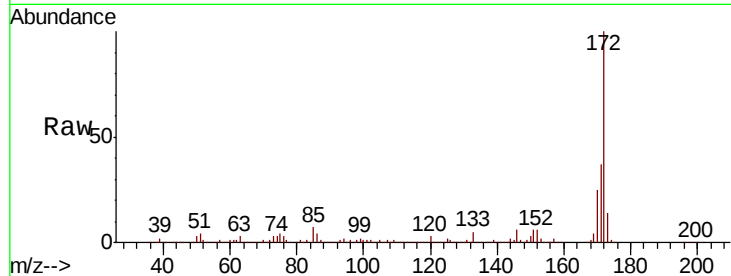


#45
2-Fluorobiphenyl
Concen: 89.114 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
172	172	100		
171	171	36.5	29.0	43.4
170	170	24.6	20.0	30.0

Manual Integrations
APPROVED

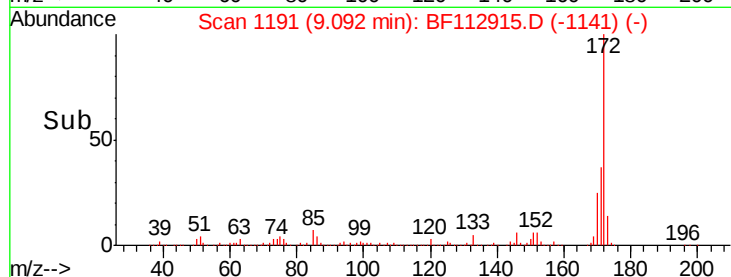
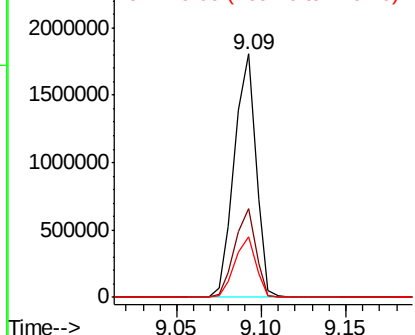


Abundance

Ion 172.00 (171.70 to 172.70): E

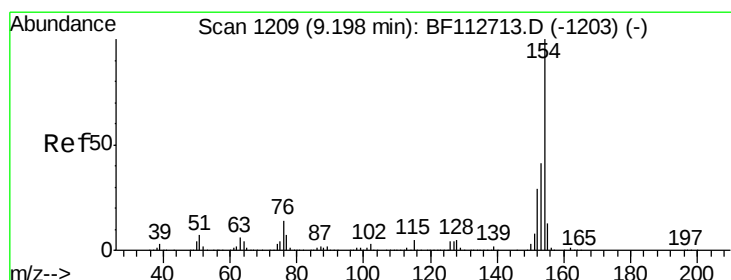
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



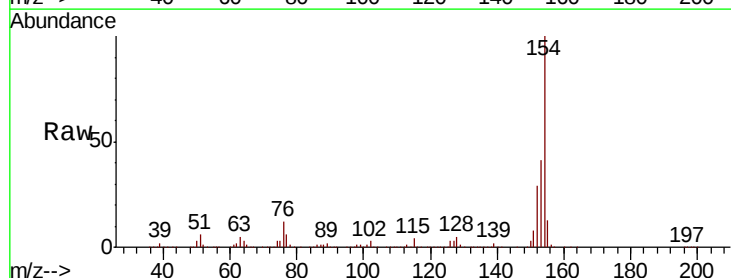
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#46
1,1'-Biphenyl
Concen: 42.092 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ion	Ratio	Lower	Upper
154	154	100		
153	153	40.6	20.8	60.8
76	76	12.4	0.0	33.8

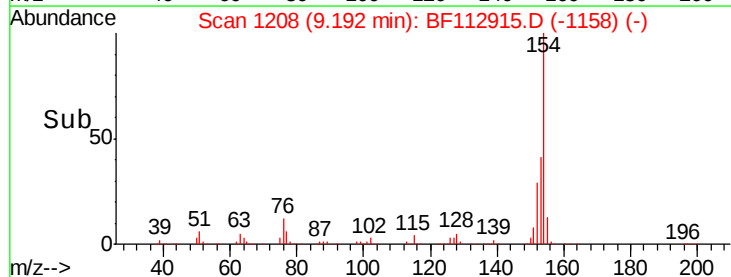
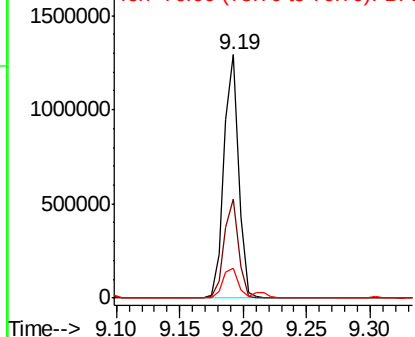


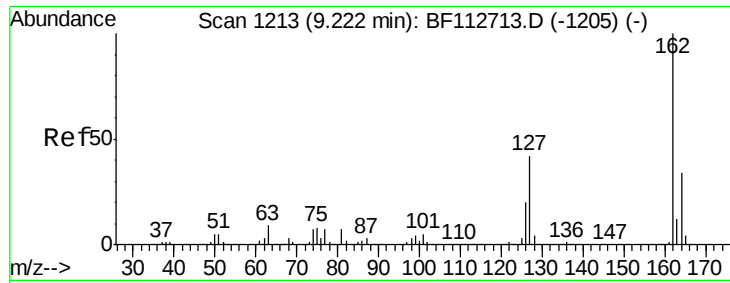
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



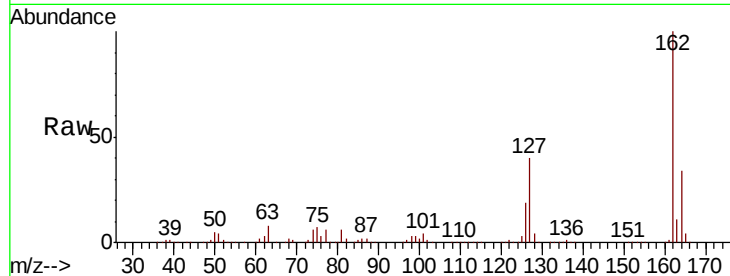


#47
2-Chloronaphthalene
Concen: 40.550 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	39.5		33.4	50.2	
164	33.8		26.9	40.3	

Manual Integrations
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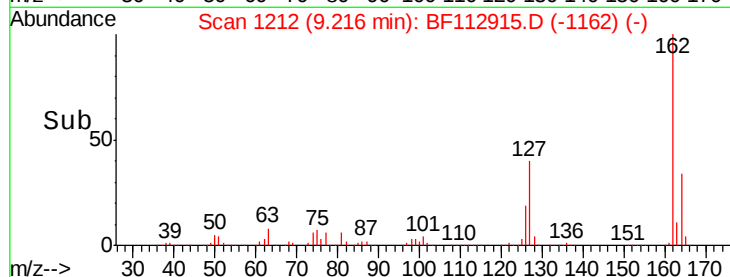
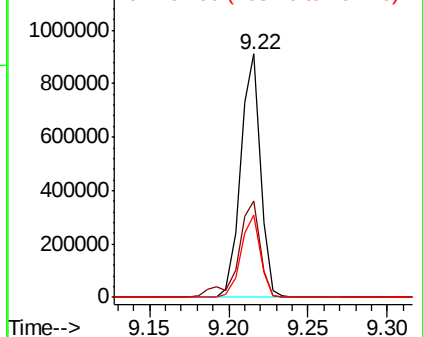


Abundance

Ion 162.00 (161.70 to 162.70): E

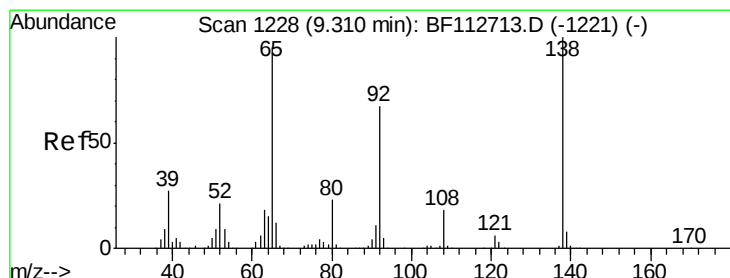
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



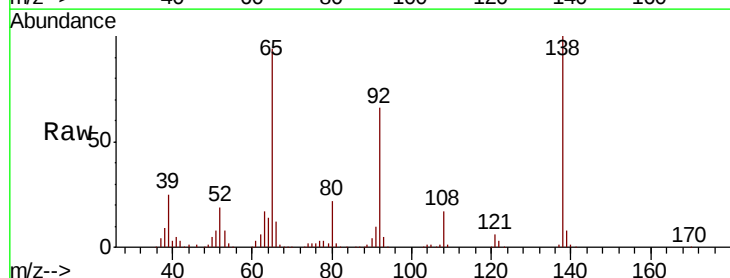
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#48
2-Nitroaniline
Concen: 43.064 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	70.7		56.4	84.6	
138	106.8		84.6	126.8	

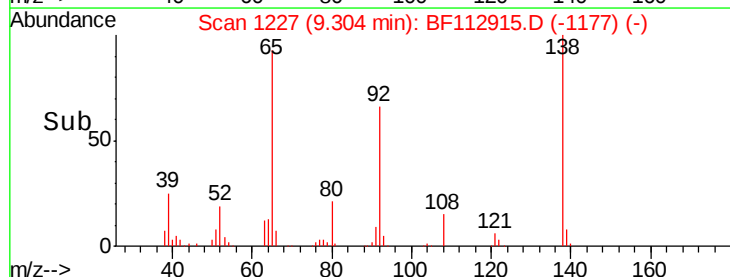
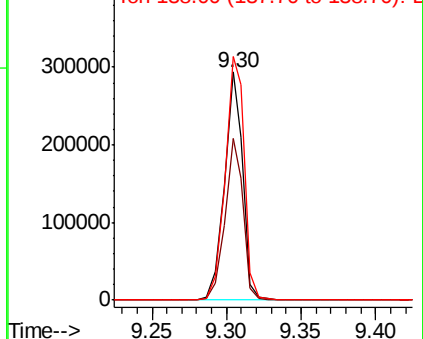


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.526 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

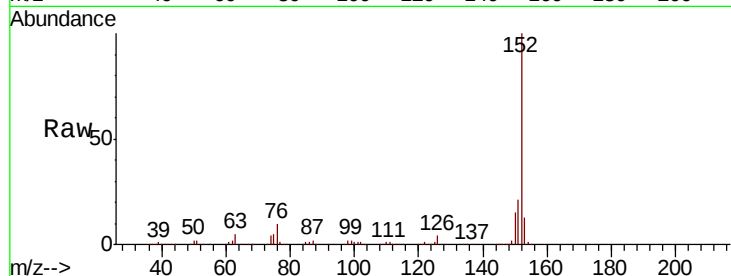
BNA_F

ClientSampleId :

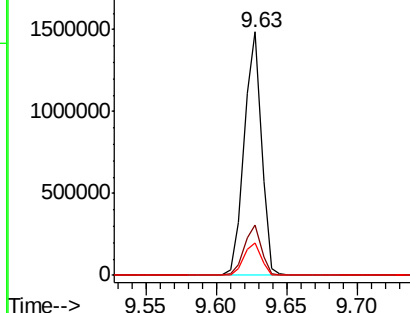
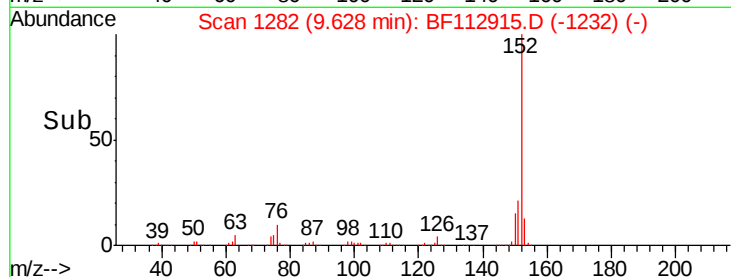
SSTDCCC040EC

Tot Ion:	152	Resp:	1268818
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.4	11.0	16.6

Manual Integrations
APPROVED

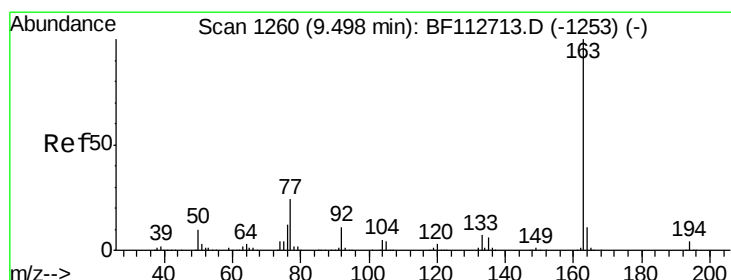


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#50

Dimethylphthalate

Concen: 41.237 ng

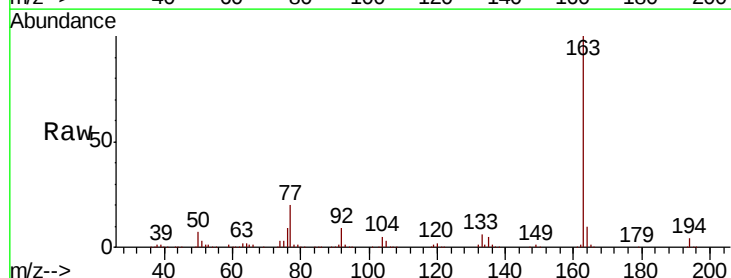
RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

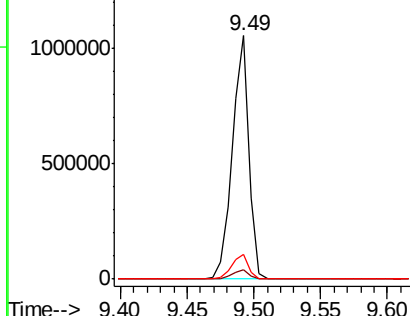
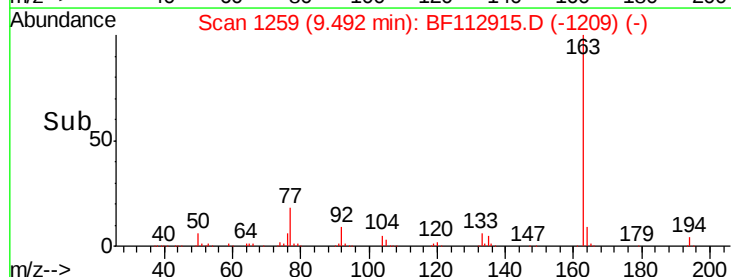
Lab File: BF112915.D

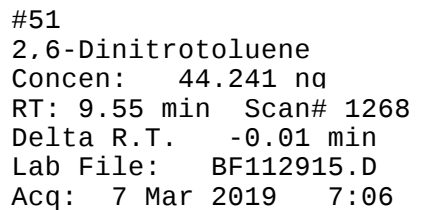
Acq: 7 Mar 2019 7:06

Tgt Ion:	163	Resp:	926174
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.2	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

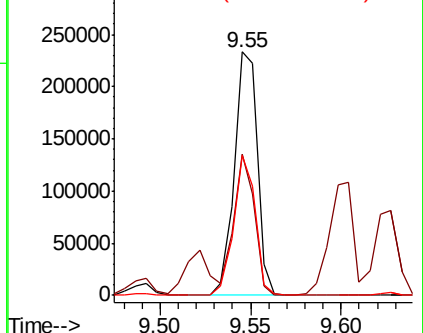
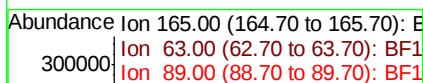




Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

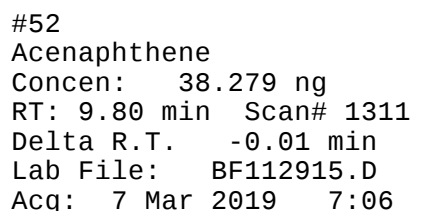
Manual Integrations

Tqt	Ion:165	Resp:	206917
Ion	Ratio	Lower	Upper
165	100		
63	57.8	54.1	81.1
89	57.3	52.8	79.2

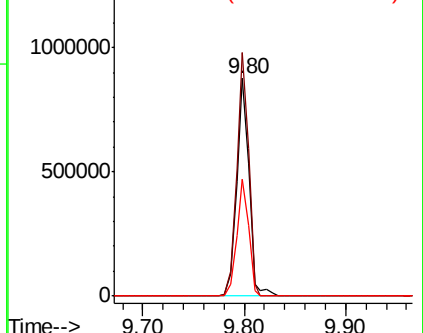


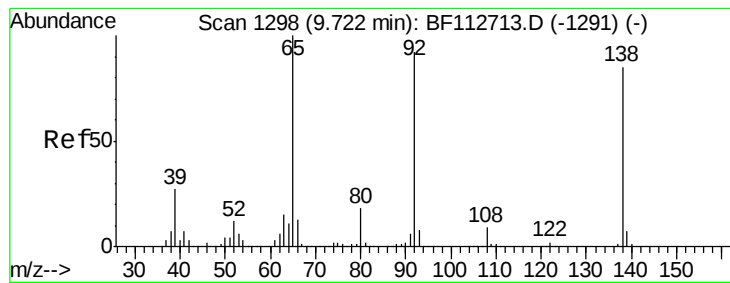
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Tgt	Ion:154	Resp:	737232
Ion	Ratio	Lower	Upper
154	100		
153	111.8	87.8	131.8
152	53.7	43.0	64.6





#53

3-Nitroaniline

Concen: 42.540 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

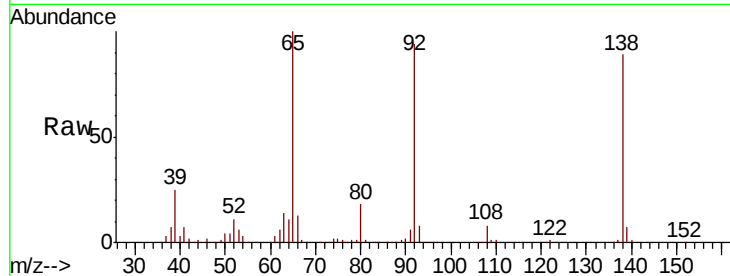
BNA_F

ClientSampleId :

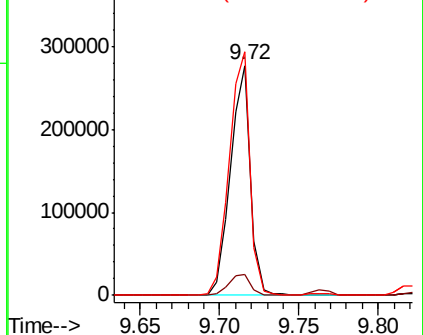
SSTDCCC040EC

Tot Ion:	138	Resp:	242436
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.6	13.0
92	106.0	86.6	129.8

Manual Integrations
APPROVED

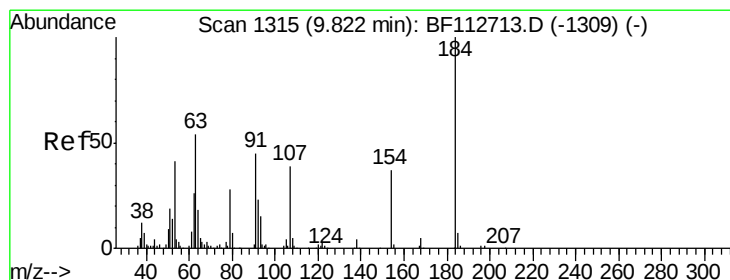
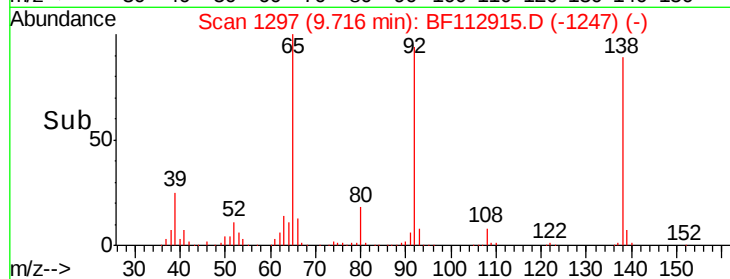


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



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#54

2,4-Dinitrophenol

Concen: 28.360 ng

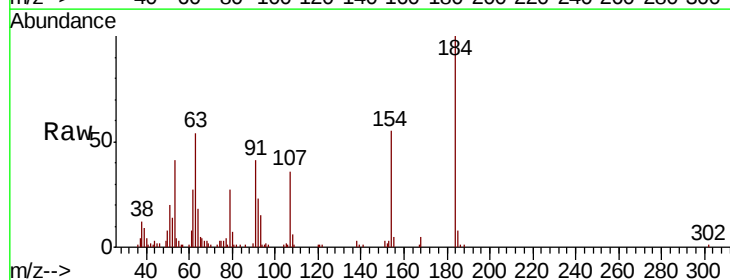
RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

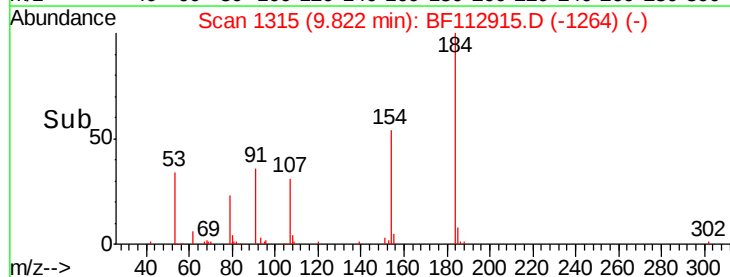
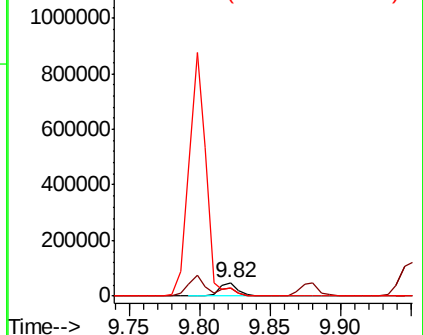
Lab File: BF112915.D

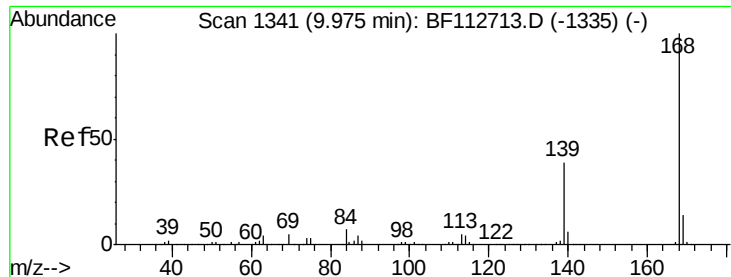
Acq: 7 Mar 2019 7:06

Tgt Ion:	184	Resp:	45588
Ion Ratio	Lower	Upper	
184	100		
63	54.0	45.3	67.9
154	55.1	46.0	69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



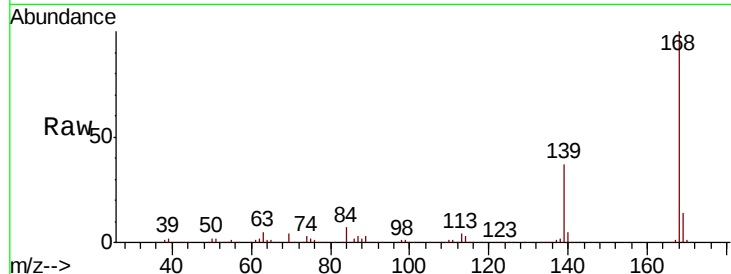


#55
Dibenzenofuran
Concen: 39.210 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	31.3	46.9
169	13.6	11.3	16.9

Manual Integrations
APPROVED

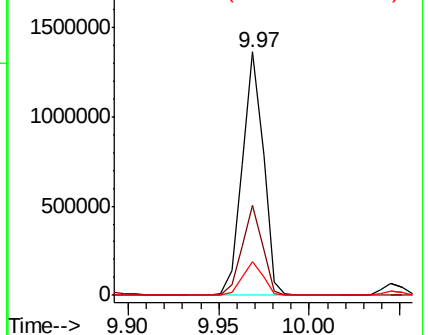


Abundance

Ion 168.00 (167.70 to 168.70): E

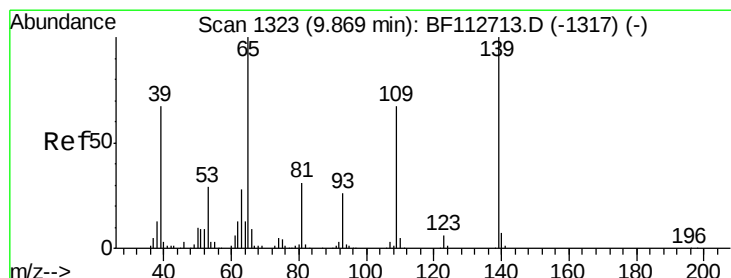
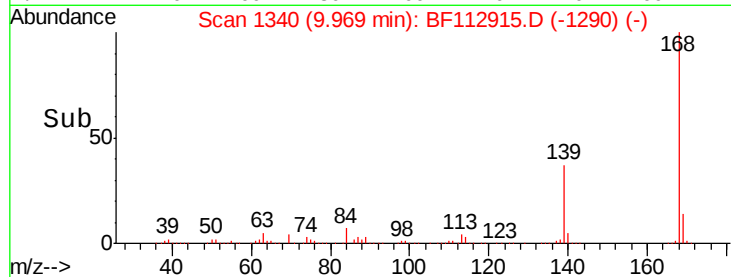
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



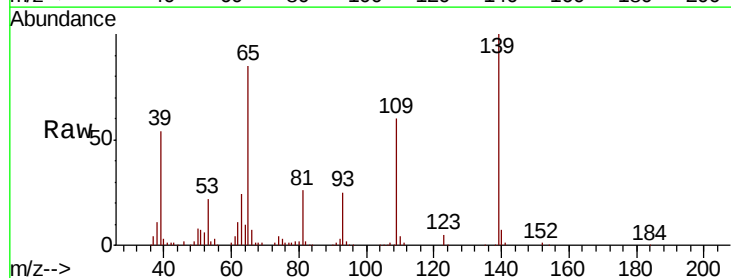
Sohil

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#56
4-Nitrophenol
Concen: 39.905 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.9	46.8	86.8
65	84.5	80.7	120.7

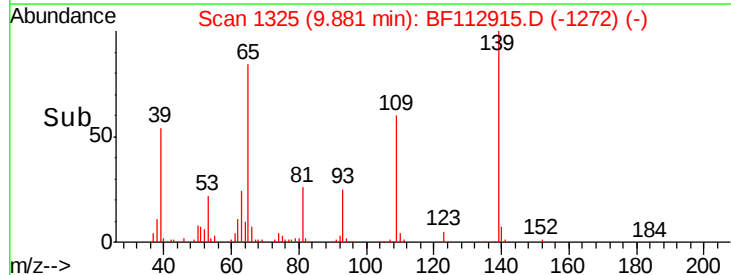
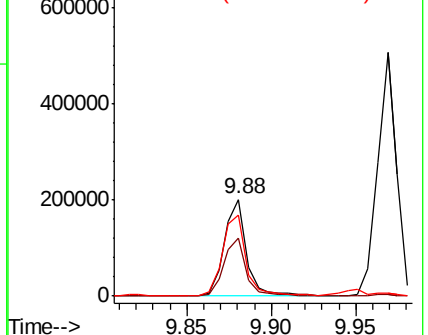


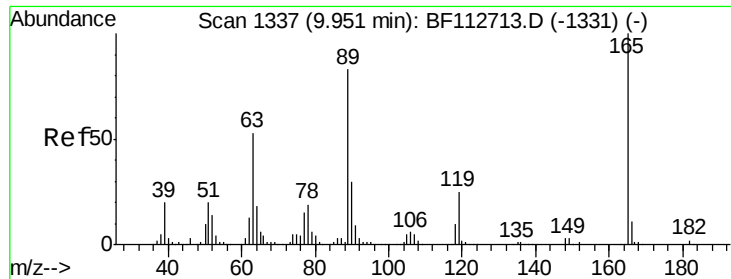
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



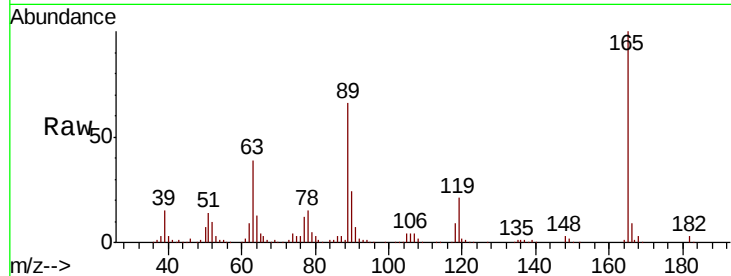


#57
2,4-Dinitrotoluene
Concen: 44.258 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	257301		
63	38.9	42.2	63.2#	
89	66.4	66.2	99.4	
182	2.6	1.8	2.6	

Manual Integrations
APPROVED



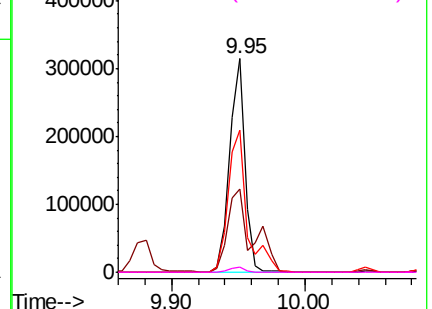
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

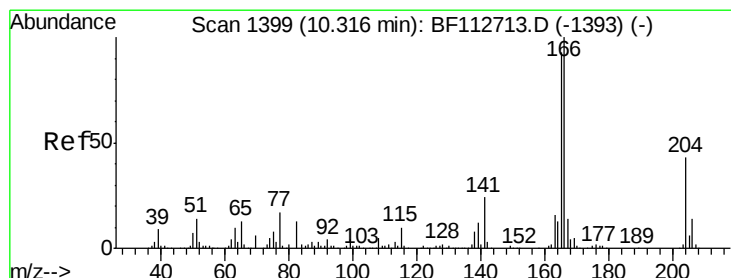
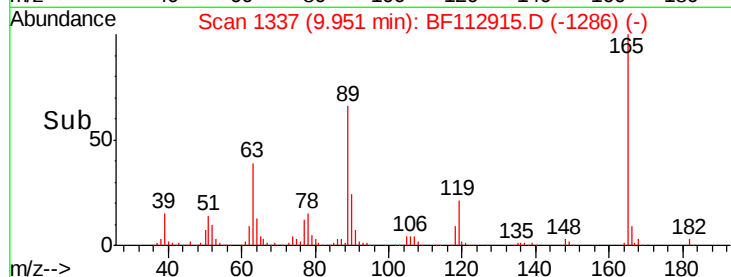
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



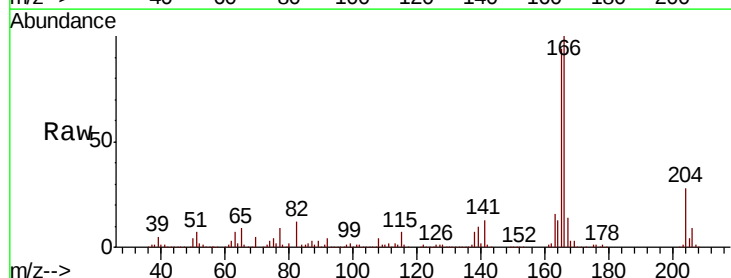
Sohil

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#58
Fluorene
Concen: 40.182 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	798303		
165	93.6	74.7	112.1	
167	13.6	11.0	16.6	

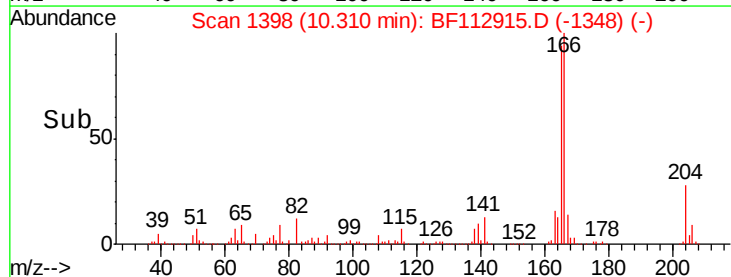
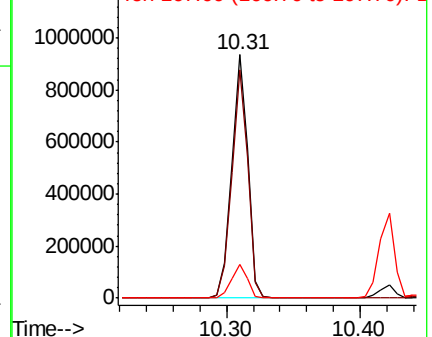


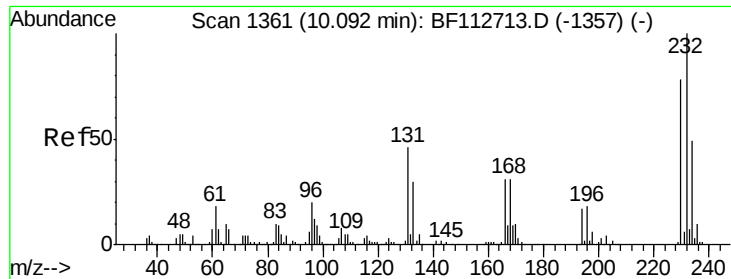
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



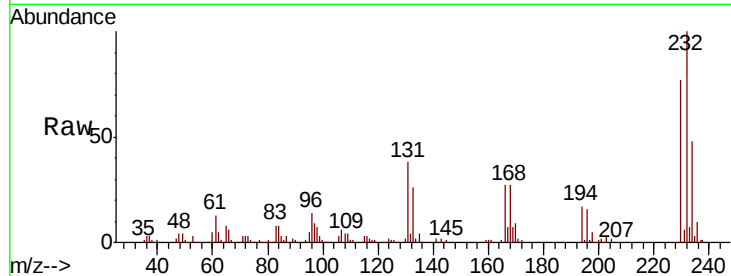


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.783 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	42.3		38.7	58.1	
130	1.9		1.9	2.9	
166	29.5		25.2	37.8	

Manual Integrations
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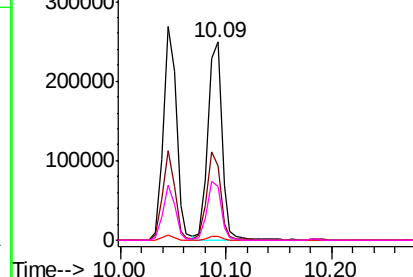
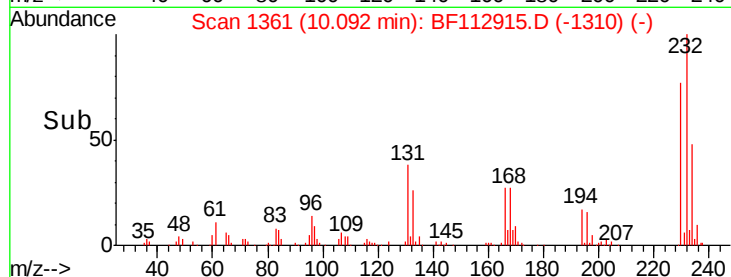
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

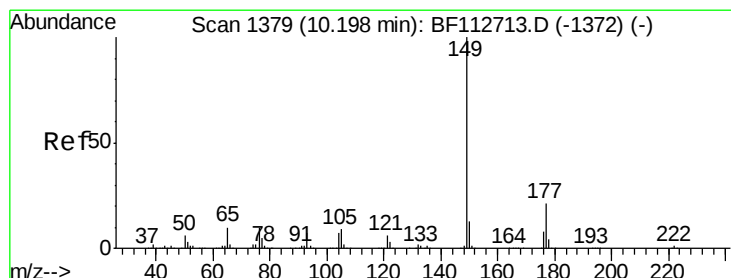
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



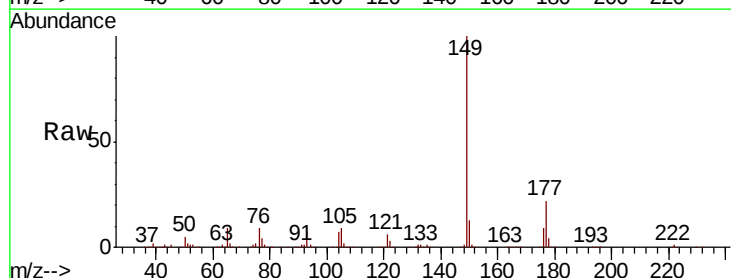
Sohil

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#60
Diethylphthalate
Concen: 39.269 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	21.8		17.0	25.6	
150	12.7		10.0	15.0	

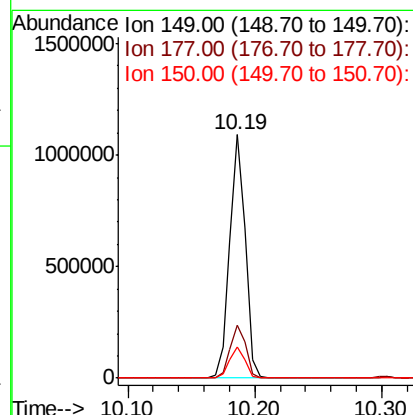
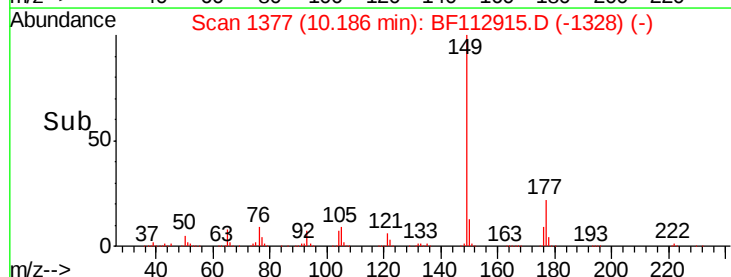


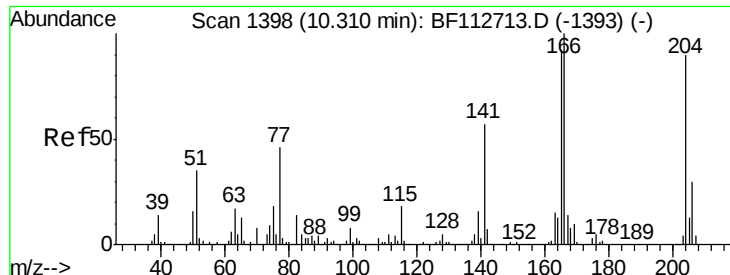
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



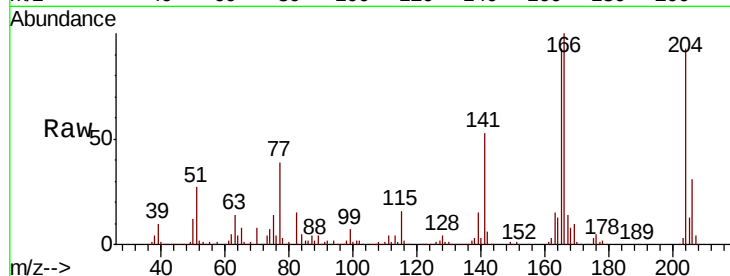


#61
4-Chlorophenyl-phenylether
Concen: 43.397 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	40.0
141	56.4	50.8	76.2

Manual Integrations
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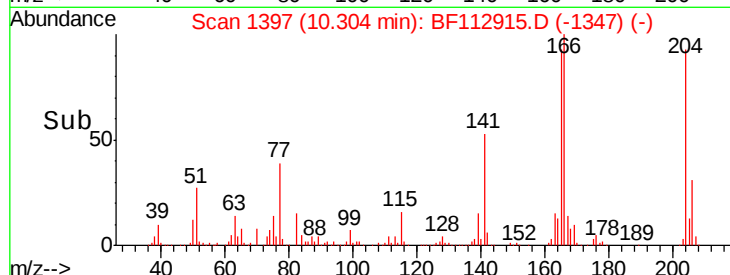
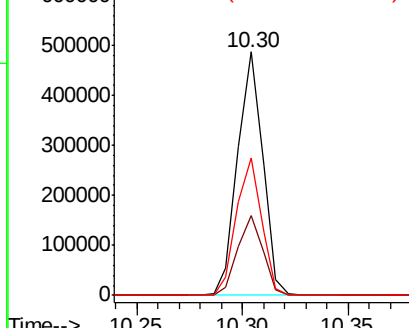


Abundance

Ion 204.00 (203.70 to 204.70): E

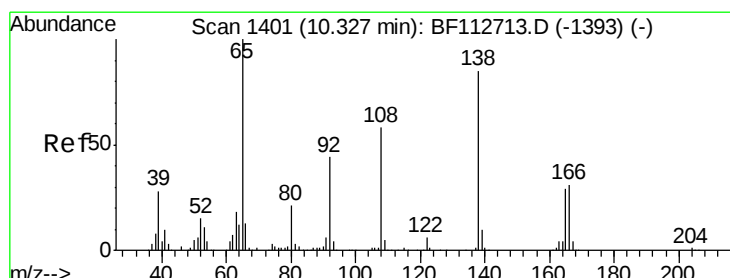
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



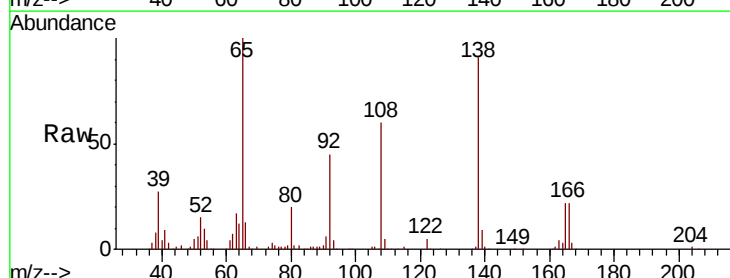
Sohil

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#62
4-Nitroaniline
Concen: 44.611 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.3	71.3
108	65.5	48.1	88.1

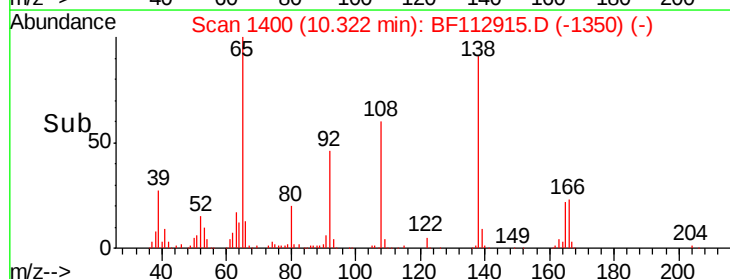
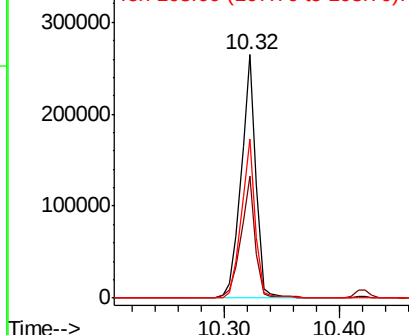


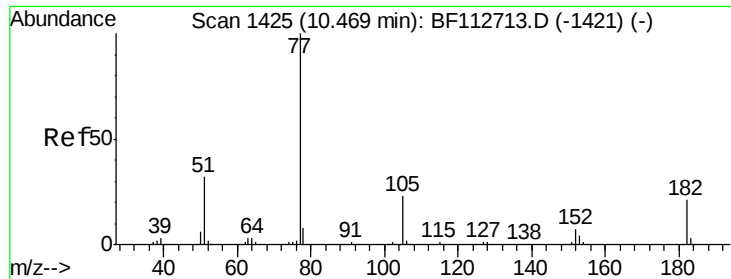
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



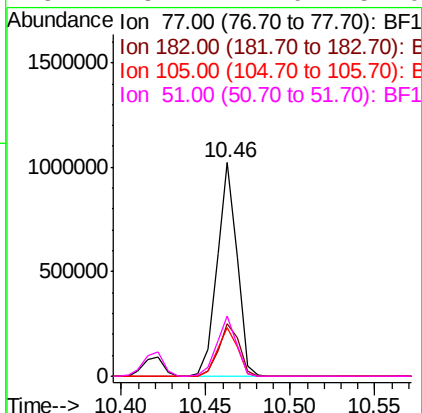
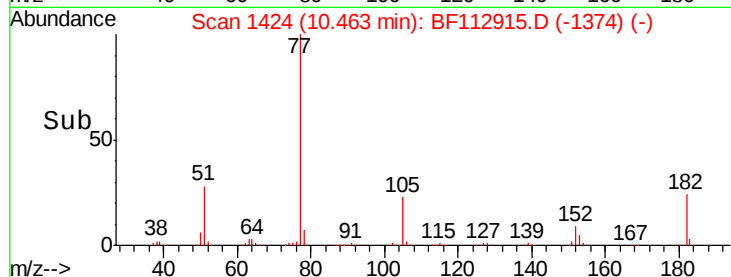
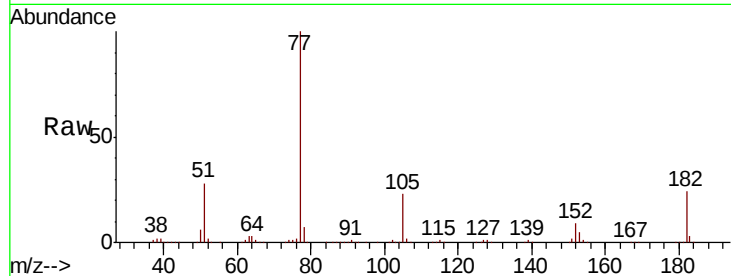


#63
Azobenzene
Concen: 34.498 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

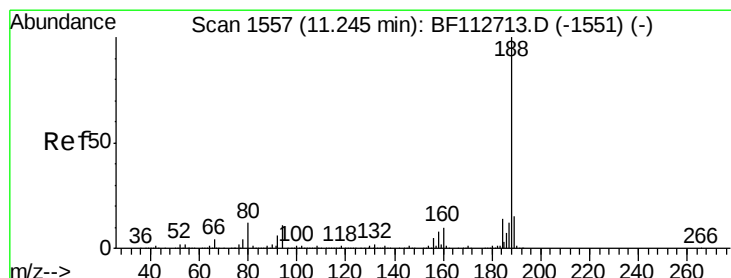
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.3	1.4	41.4	
105	22.7	2.6	42.6	
51	28.4	12.0	52.0	

Manual Integrations
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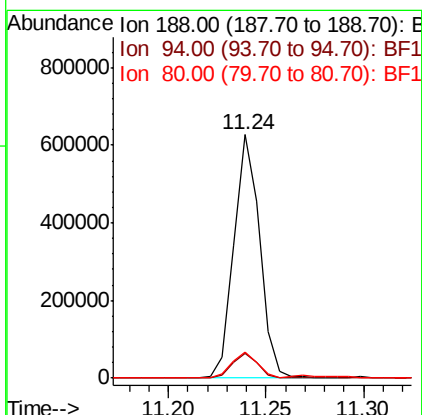
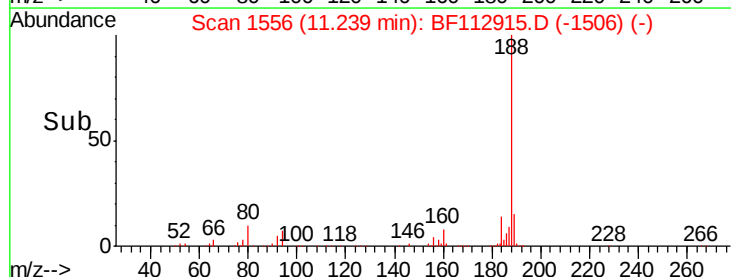
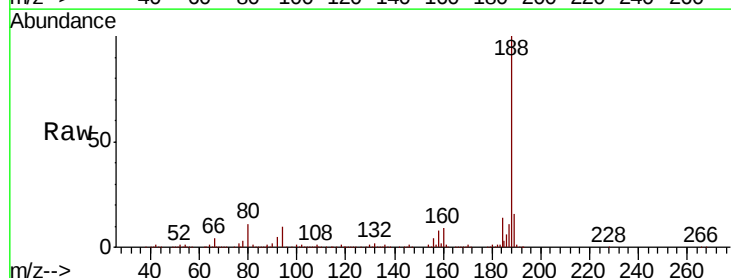
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.1	9.0	13.4	
80	10.7	9.2	13.8	



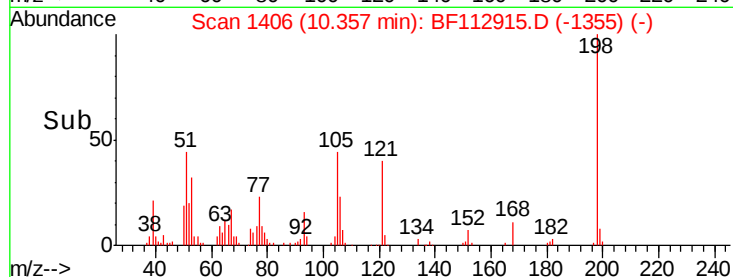
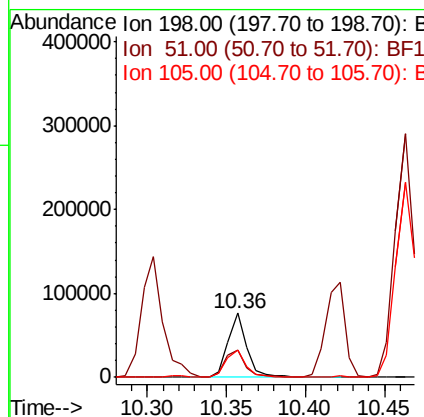
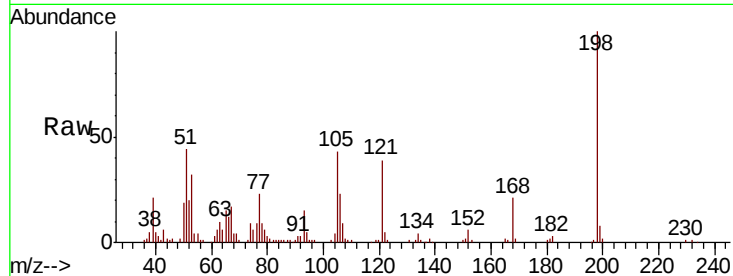


#65
4,6-Dinitro-2-methylphenol
Concen: 28.632 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

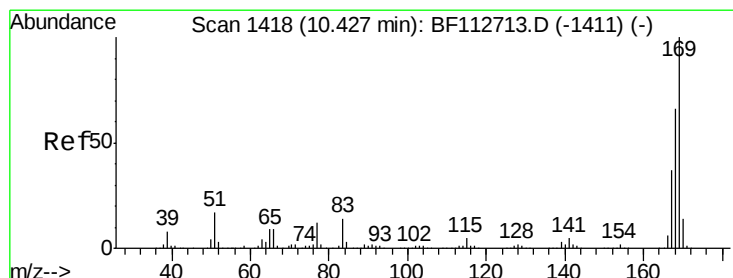
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.6	43.8	83.8#
105	43.1	36.5	76.5

Manual Integrations
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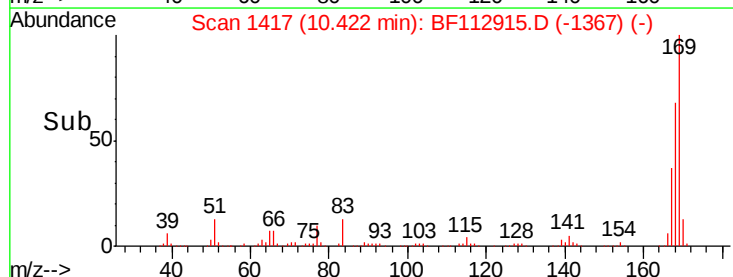
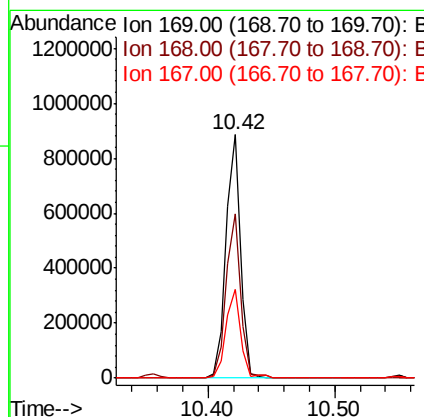
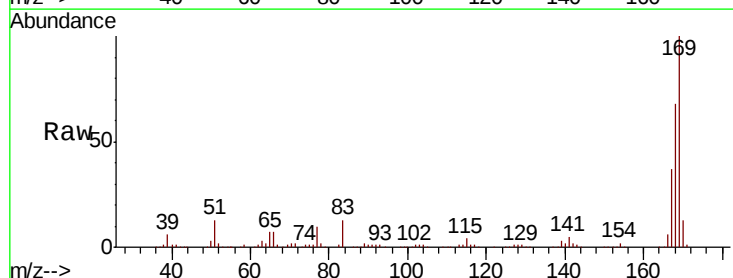
Sohil

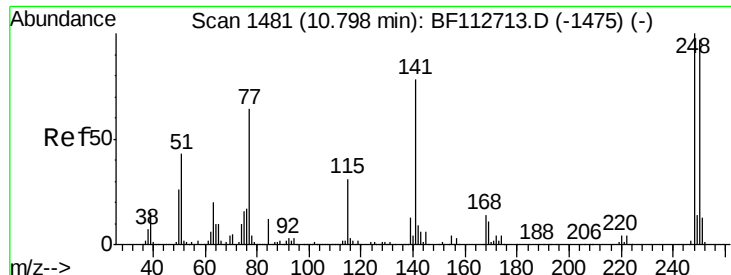
3/7/2019 11:03:17 AM



#66
n-Nitrosodiphenylamine
Concen: 38.382 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.0	79.6
167	36.7	29.3	43.9



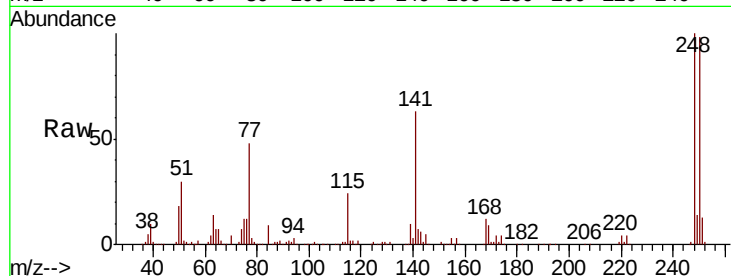


#67
 4-Bromophenyl-phenylether
 Concen: 42.766 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF112915.D
 Acq: 7 Mar 2019 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.5	116.3
141	63.3	62.4	93.6

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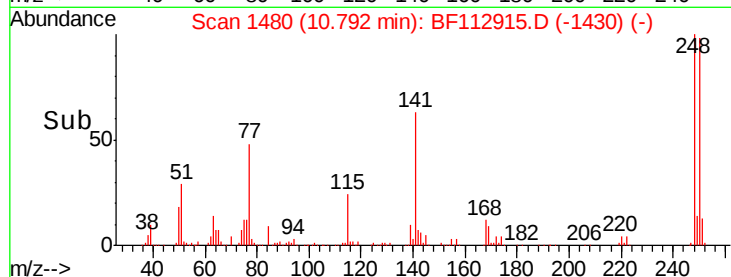
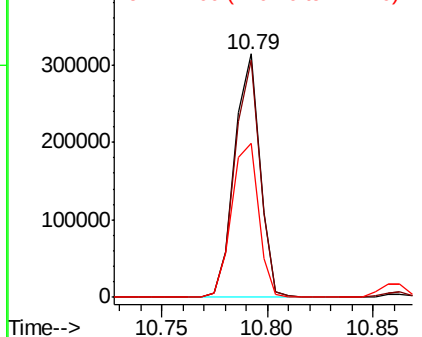


Abundance

Ion 248.00 (247.70 to 248.70): E

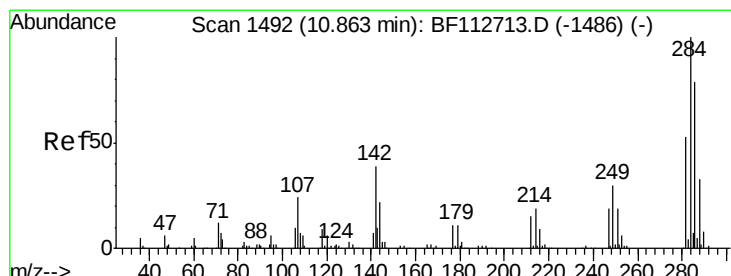
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



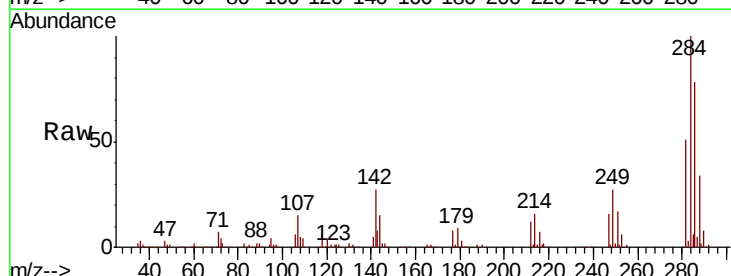
Sohil

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#68
 Hexachlorobenzene
 Concen: 44.040 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF112915.D
 Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.9	31.0	46.6#
249	27.5	23.6	35.4

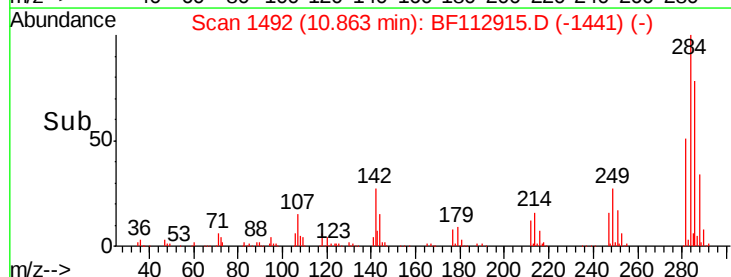
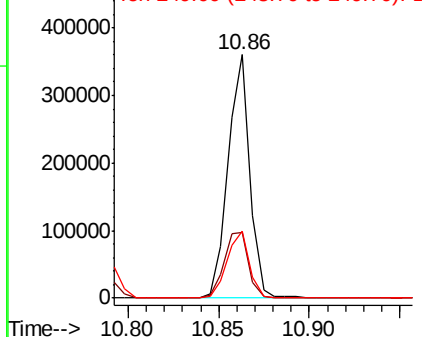


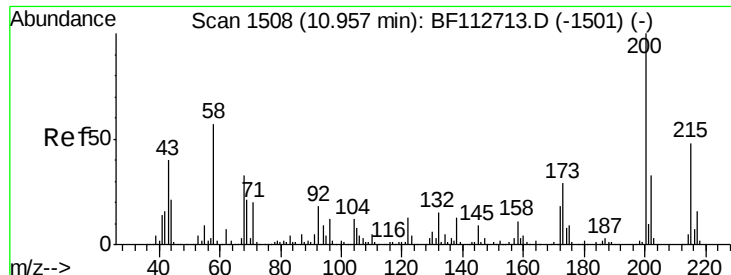
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



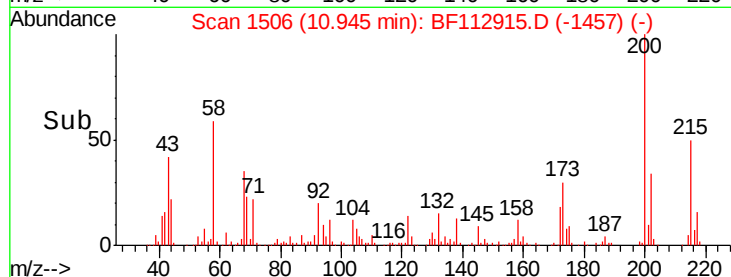
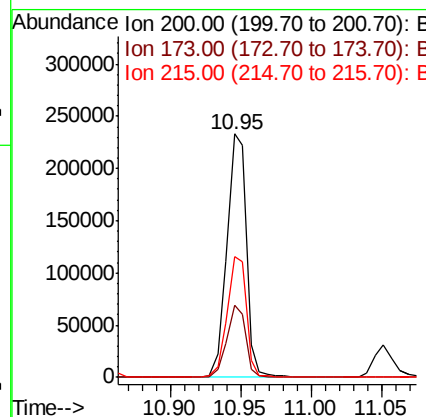
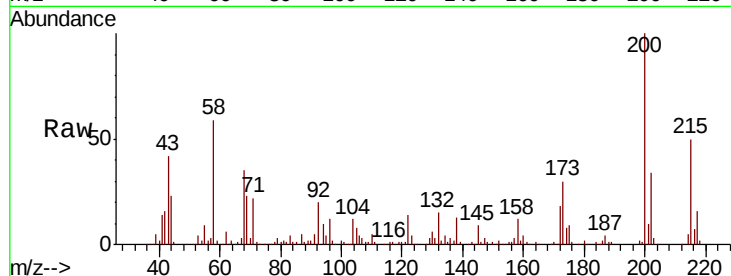


#69
Atrazine
Concen: 39.516 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

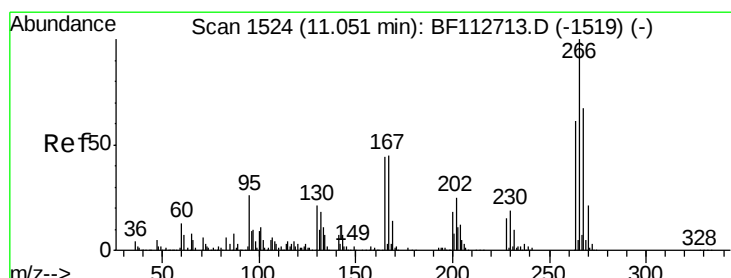
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.5	9.1	49.1
215	49.6	28.2	68.2

Manual Integrations
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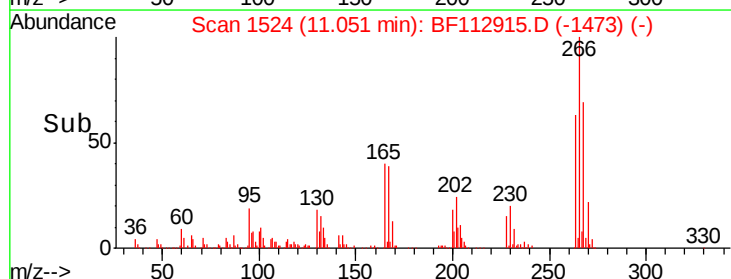
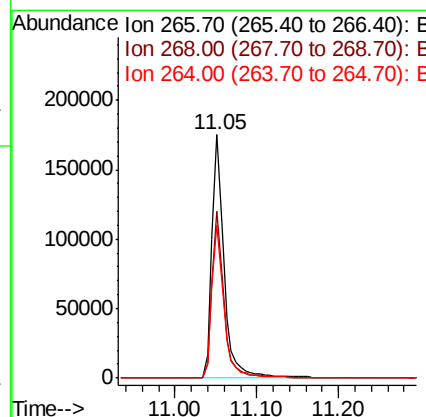
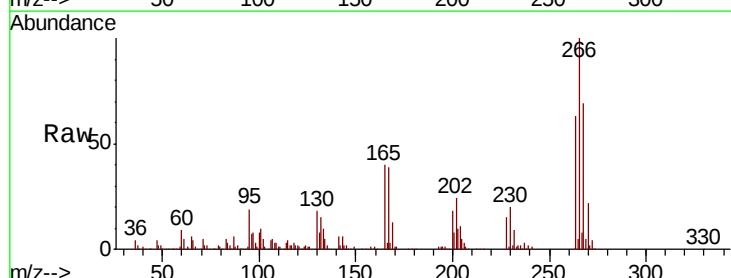
Sohil

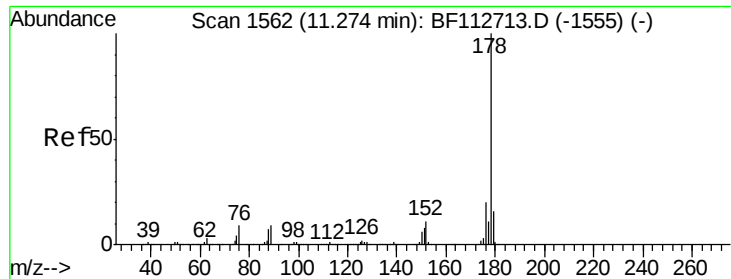
3/7/2019 11:03:17 AM



#70
Pentachlorophenol
Concen: 45.162 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.6	53.3	79.9
264	62.6	48.9	73.3



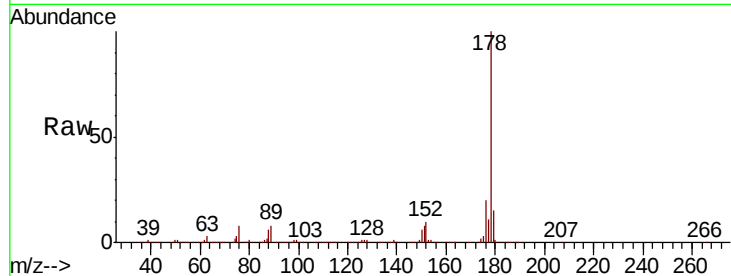


#71
Phenanthrene
Concen: 43.076 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

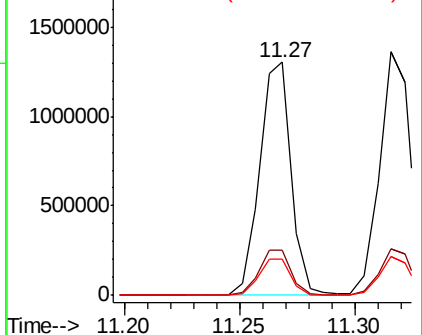
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 1237006
Ion Ratio Lower Upper
178 100
176 19.5 16.3 24.5
179 15.5 12.7 19.1

Manual Integrations
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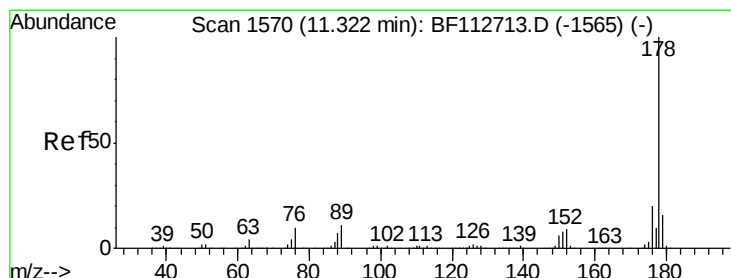
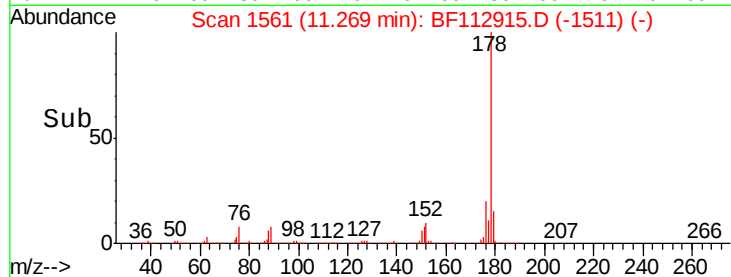


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Sohil

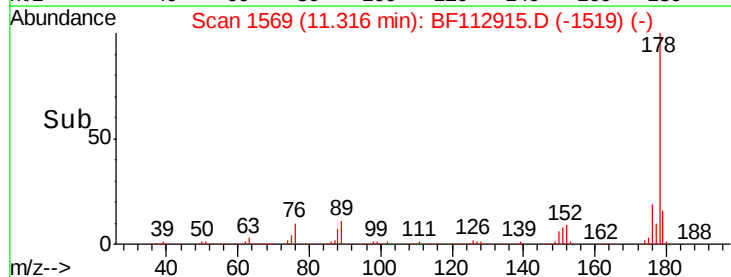
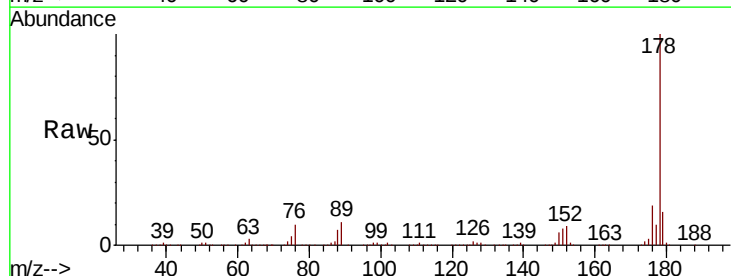
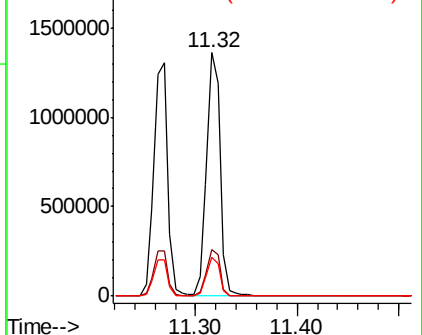
3/7/2019 11:03:17 AM



#72
Anthracene
Concen: 42.394 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion:178 Resp: 1274391
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.8 13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



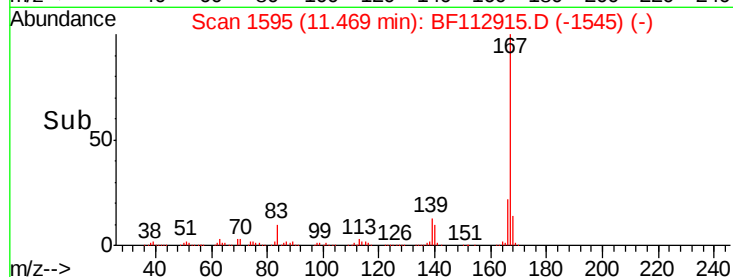
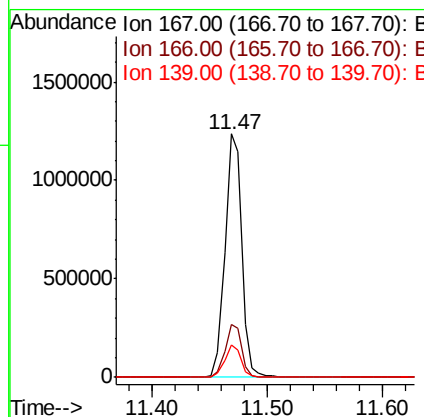
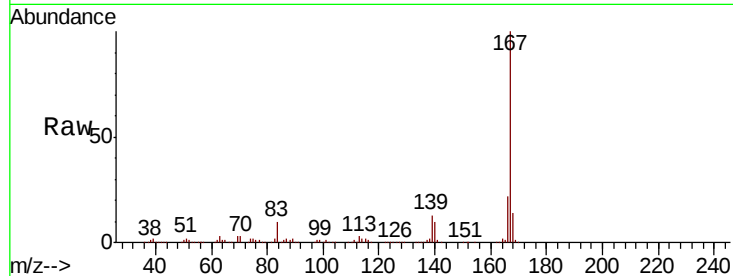


#73
 Carbazole
 Concen: 42.384 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112915.D
 Acq: 7 Mar 2019 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

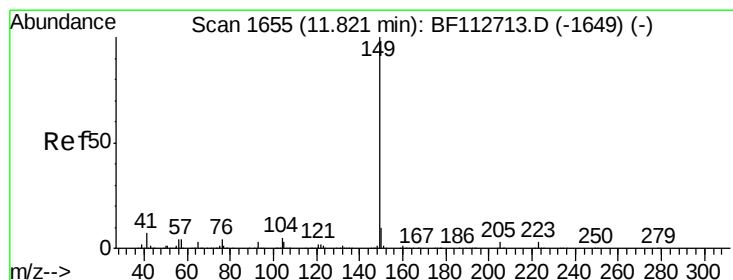
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.2	10.8	16.2

Manual Integrations
 APPROVED



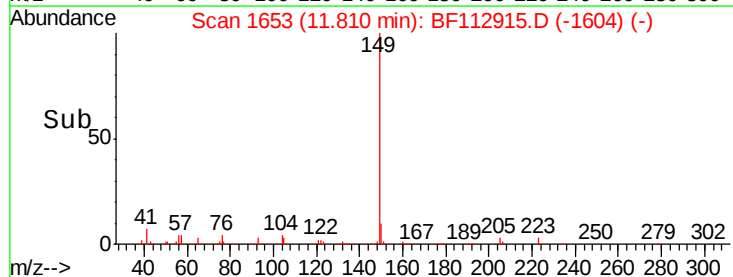
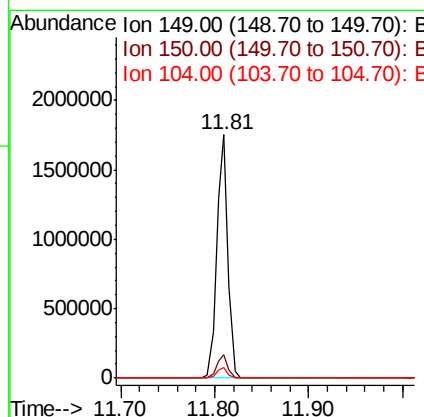
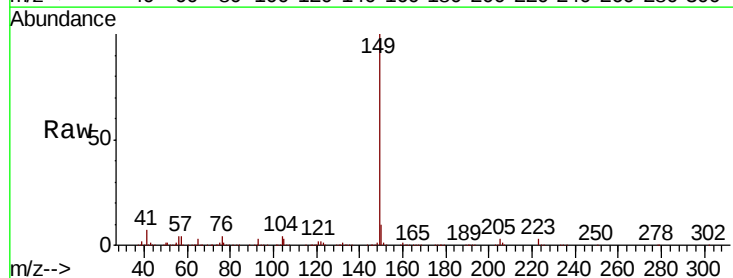
Sohil

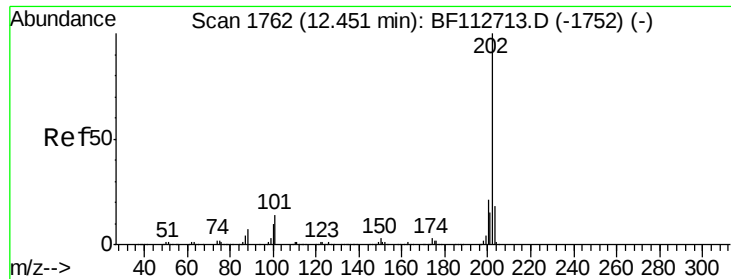
3/7/2019 11:03:17 AM



#74
 Di-n-butylphthalate
 Concen: 41.614 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112915.D
 Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 45.423 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

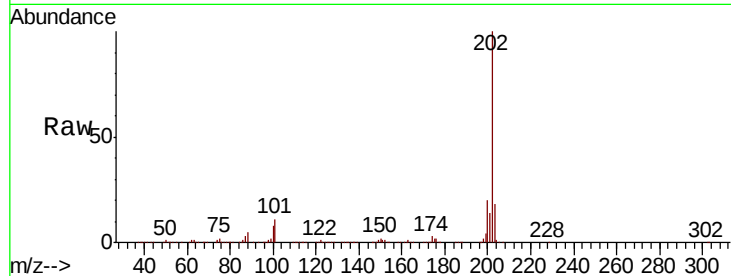
BNA_F

ClientSampleId :

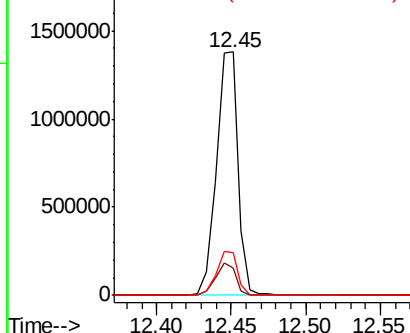
SSTDCCC040EC

Tot Ion:	202	Resp:	1397519
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.8
203	17.7	0.0	38.4

Manual Integrations
APPROVED

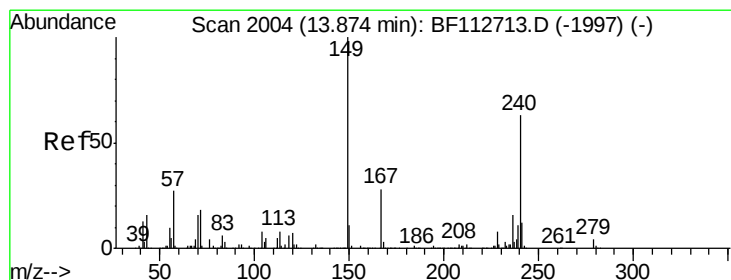
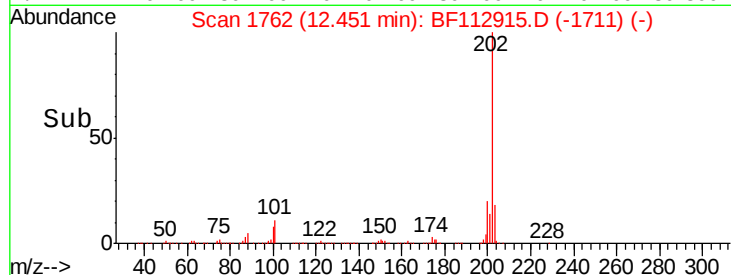


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#76

Chrysene-d12

Concen: 20.000 ng

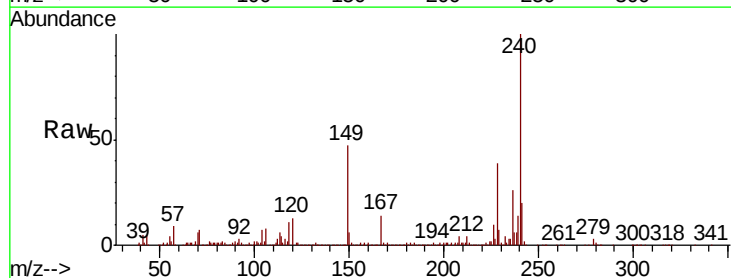
RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

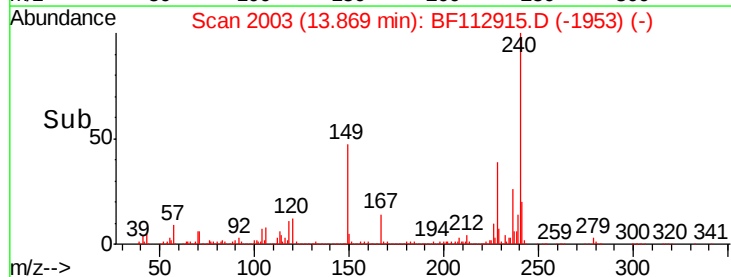
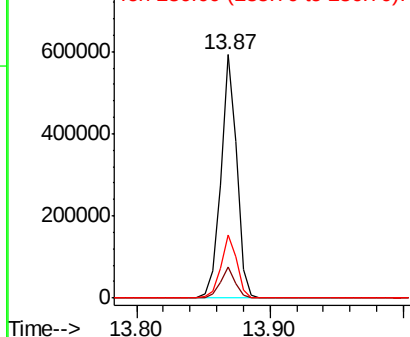
Lab File: BF112915.D

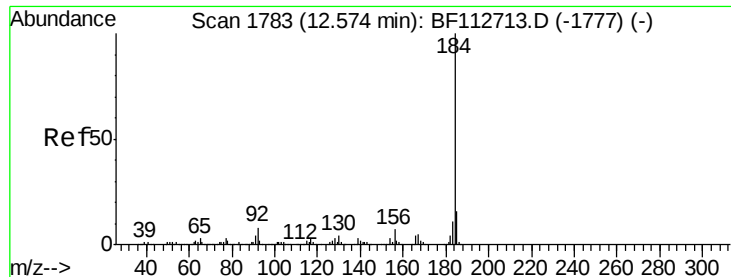
Acq: 7 Mar 2019 7:06

Tgt Ion:	240	Resp:	498418
Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.9	13.3
236	26.2	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.125 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

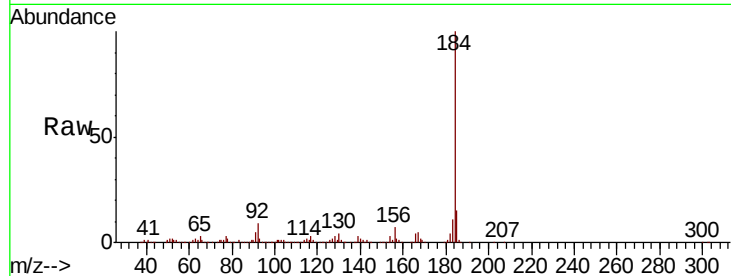
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:	184	Resp:	778991
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	18.8
183	11.0	8.6	12.8

Manual Integrations
APPROVED

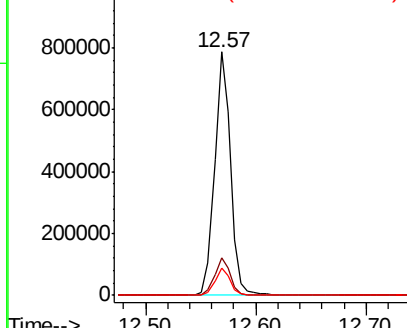


Abundance

Ion 184.00 (183.70 to 184.70): E

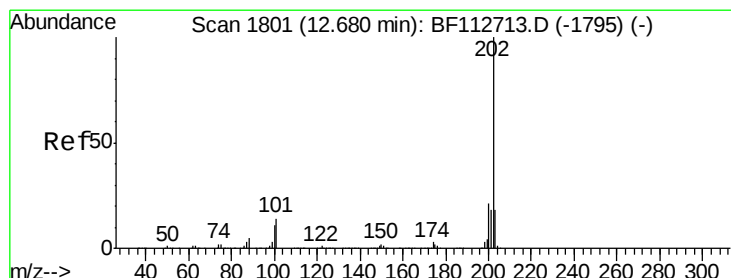
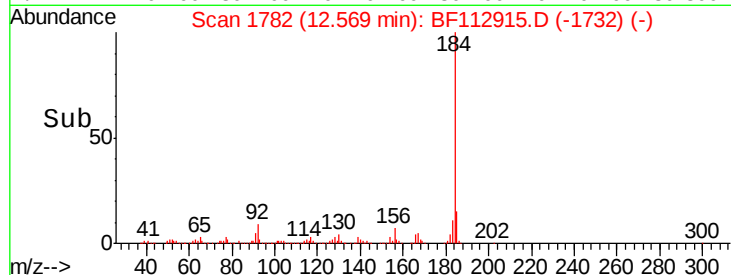
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



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#78

Pyrene

Concen: 34.434 ng

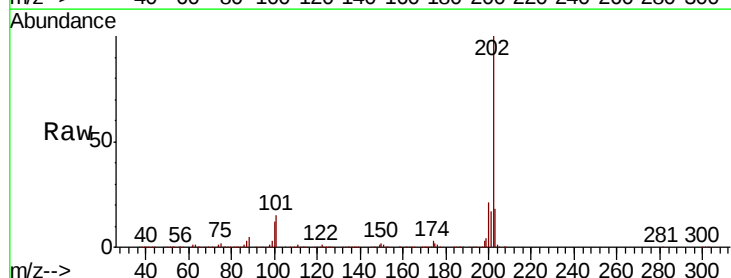
RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Tgt Ion:	202	Resp:	1446852
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.4
203	18.3	14.4	21.6

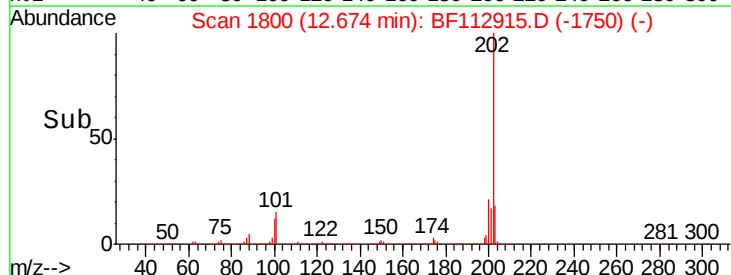
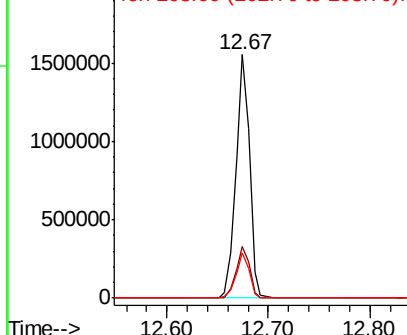


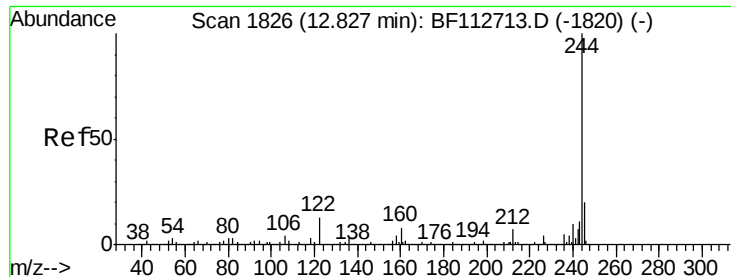
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



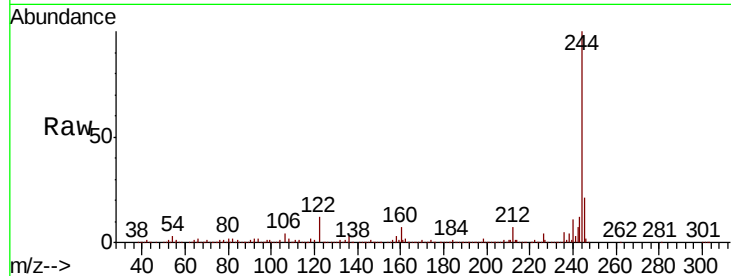


#79
Terphenyl-d14
Concen: 70.831 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.1	10.5	15.7

Manual Integrations
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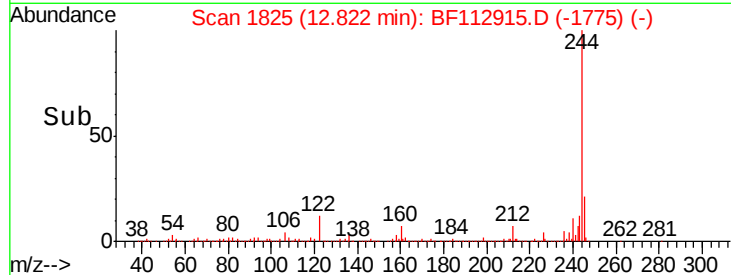
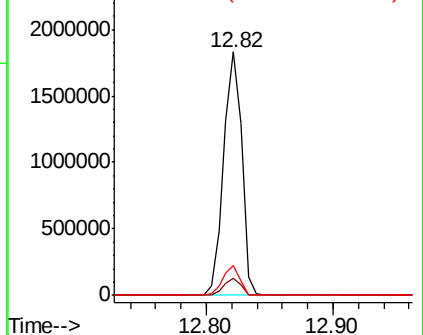


Abundance

Ion 244.00 (243.70 to 244.70): E

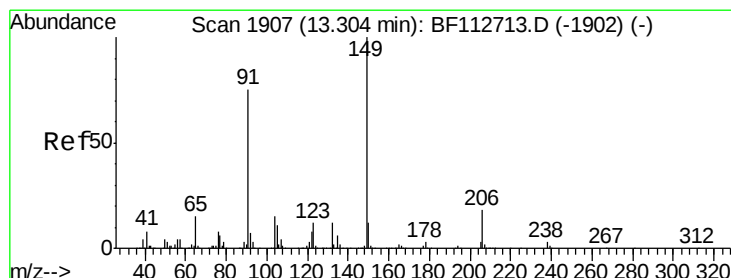
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



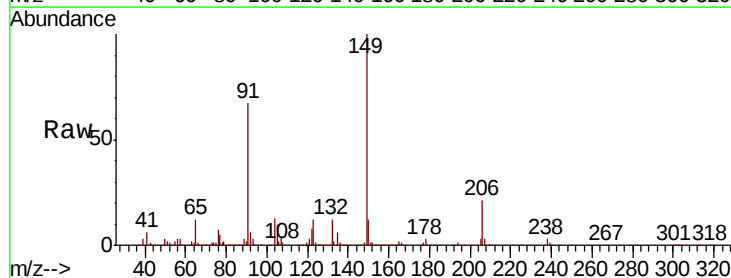
Sohil

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#80
Butylbenzylphthalate
Concen: 35.790 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.5	59.9	89.9
206	21.2	14.7	22.1

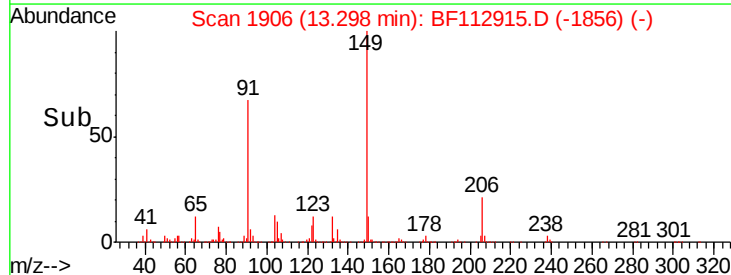
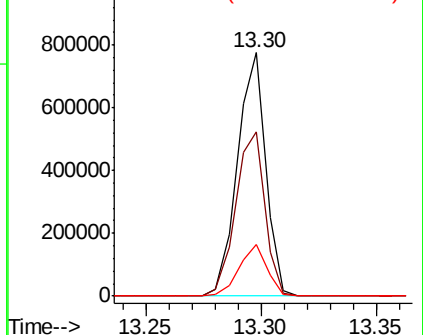


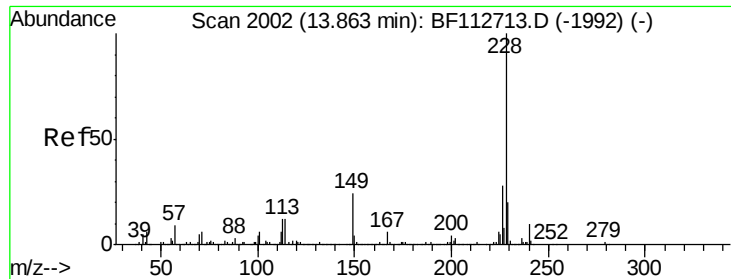
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



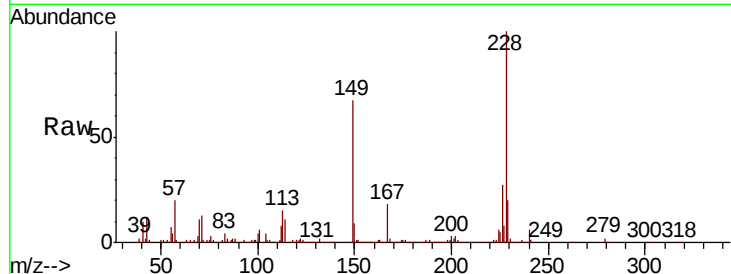


#81
Benzo(a)anthracene
Concen: 35.556 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.4
229	20.0	16.0	24.0

Manual Integrations
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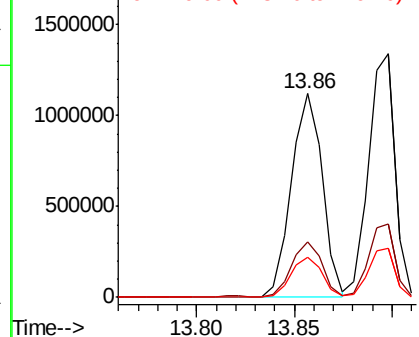


Abundance

Ion 228.00 (227.70 to 228.70): E

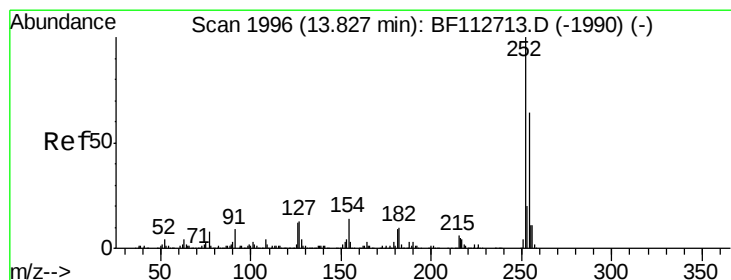
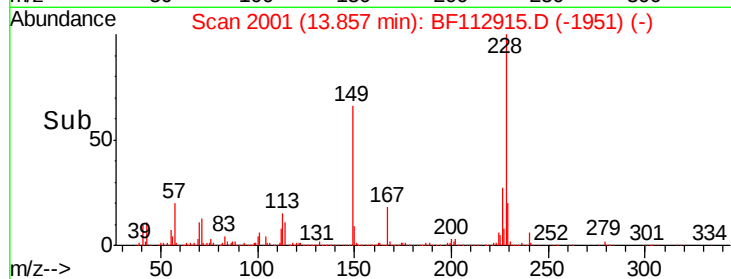
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



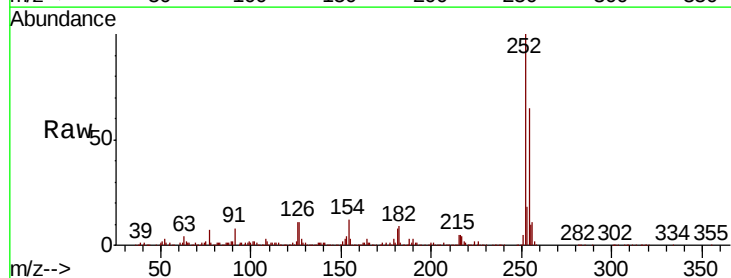
Sohil

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#82
3,3'-Dichlorobenzidine
Concen: 42.440 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.1	76.7
126	10.8	9.9	14.9

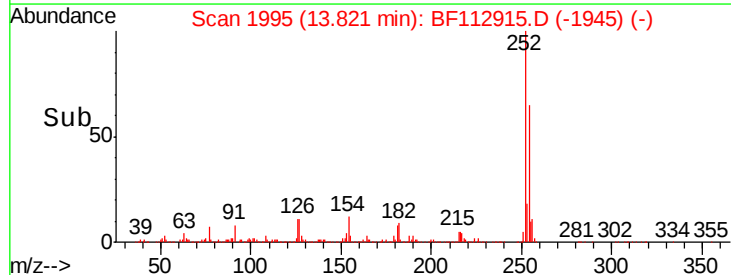
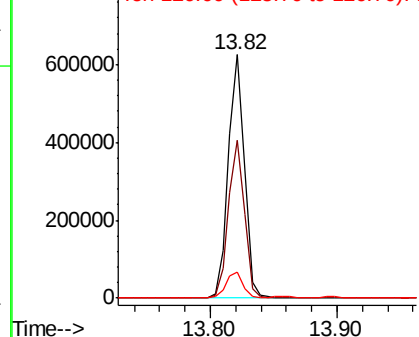


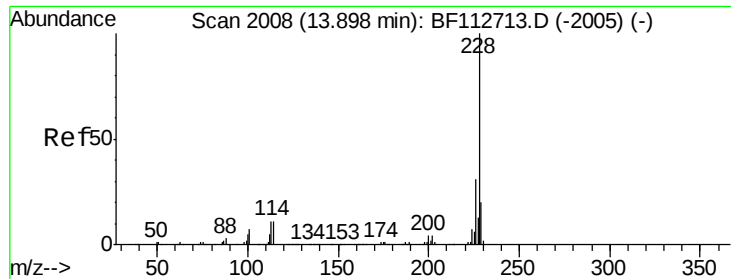
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



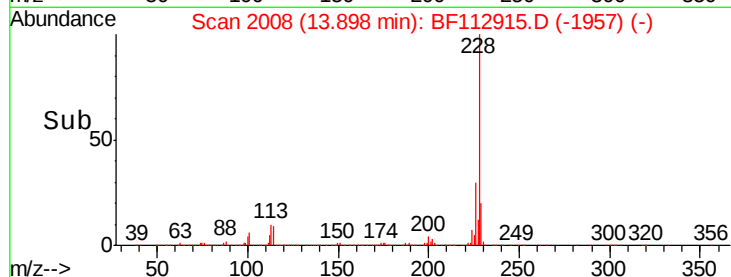
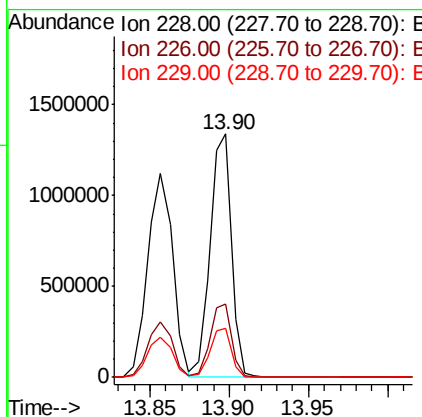
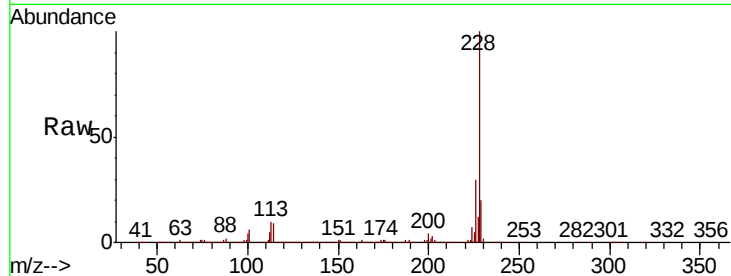


#83
Chrysene
Concen: 37.185 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

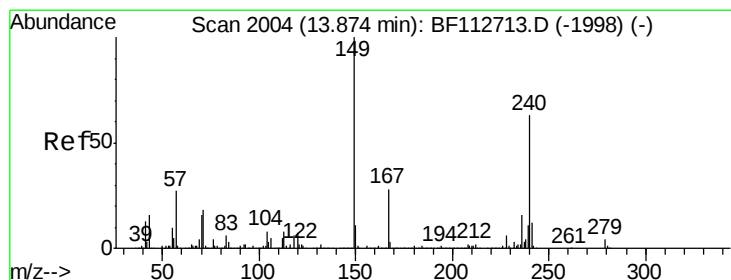
Tot Ion:	228	Resp:	1258231
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.9	16.3	24.5

Manual Integrations
APPROVED



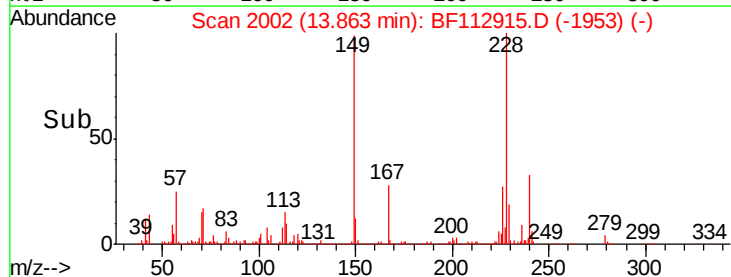
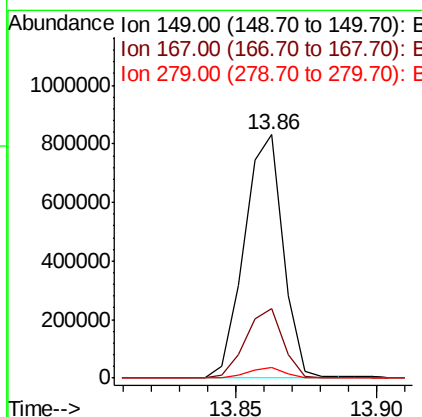
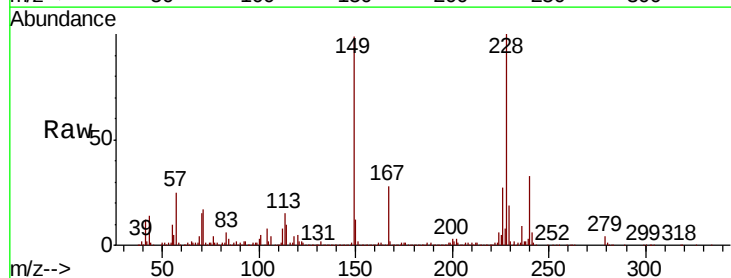
Sohil

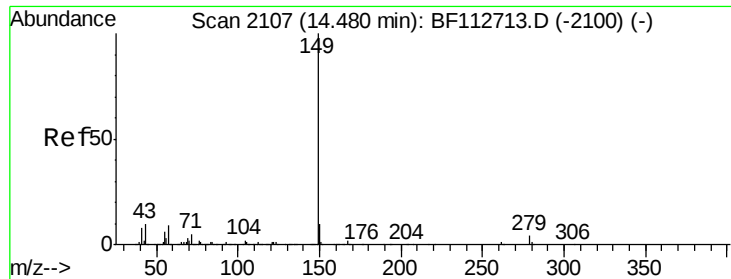
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.355 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion:	149	Resp:	790887
Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.4	33.6
279	4.4	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 40.642 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1518188

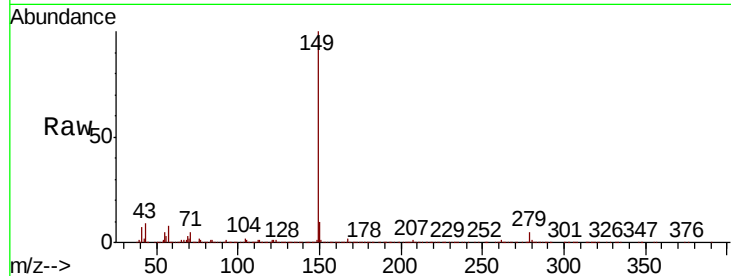
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.6 9.0 13.4

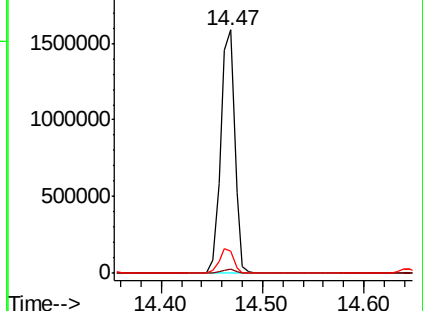
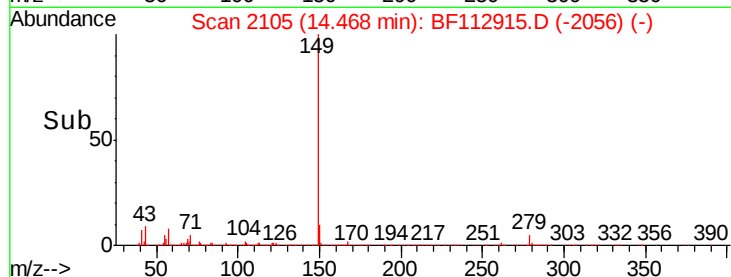
Manual Integrations
APPROVED



Abundance Ion 149.00 (148.70 to 149.70): E

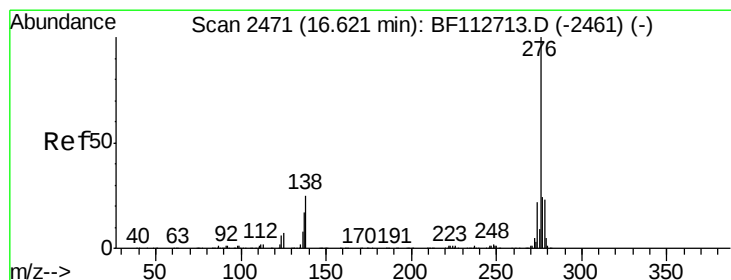
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



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#86

Indeno(1,2,3-cd)pyrene

Concen: 36.806 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

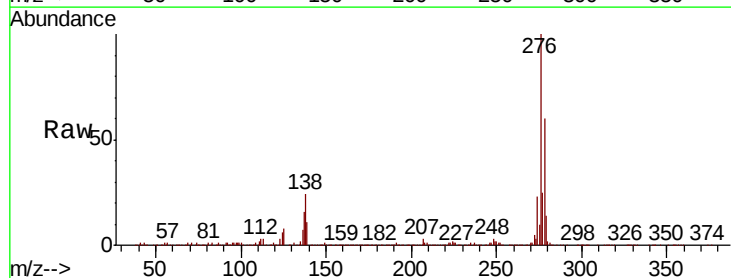
Tgt Ion:276 Resp: 1061726

Ion Ratio Lower Upper

276 100

138 24.5 23.2 34.8

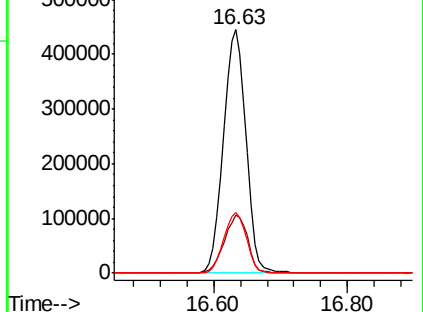
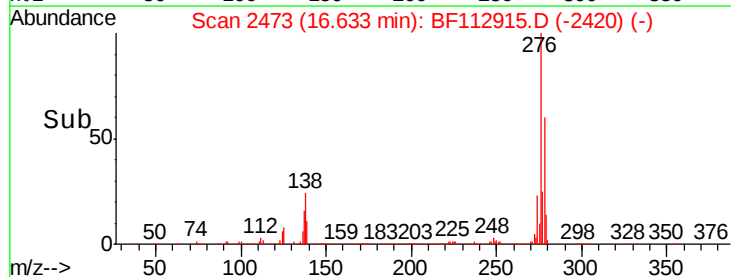
277 24.9 19.9 29.9

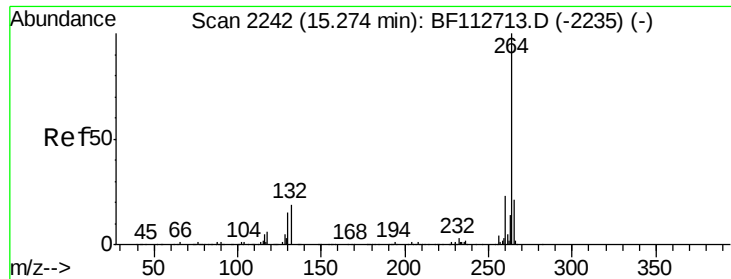


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

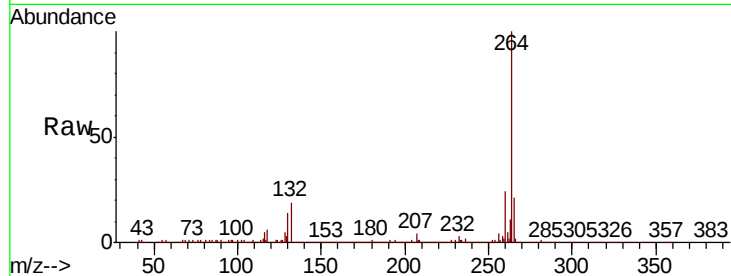
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:	264	Resp:	437327
Ion Ratio		Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.2	17.2	25.8

Manual Integrations
APPROVED

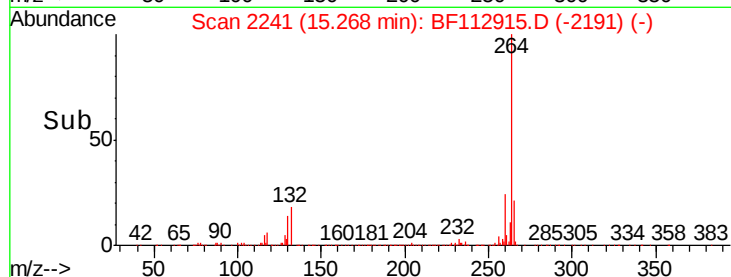
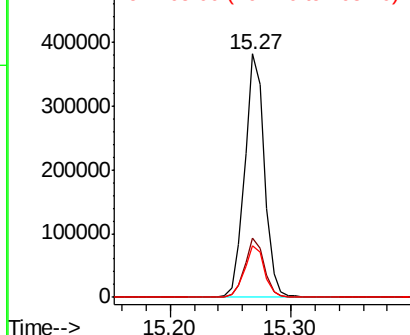


Abundance

Ion 264.00 (263.70 to 264.70): E

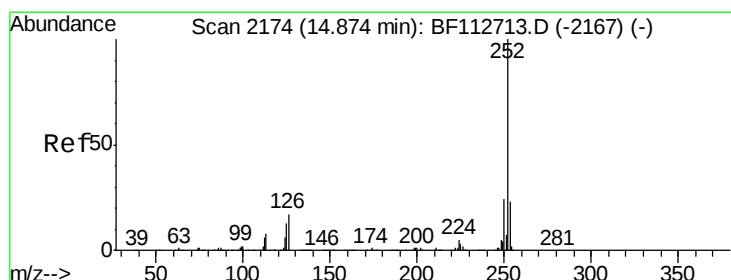
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



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#88

Benzo(b)fluoranthene

Concen: 38.547 ng

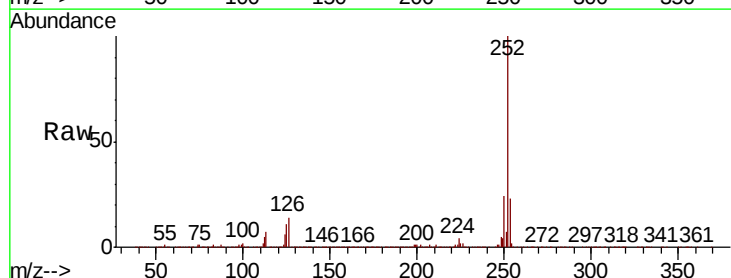
RT: 14.87 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Tgt Ion:	252	Resp:	1090403
Ion Ratio		Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.6	10.2	15.2

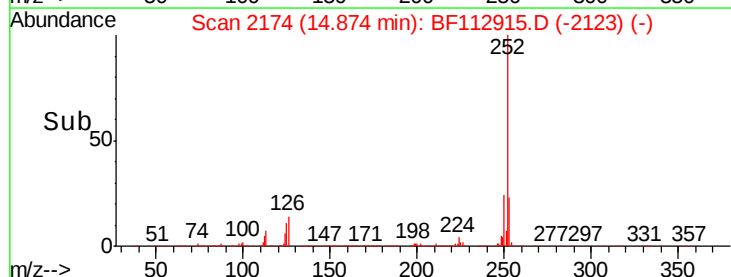
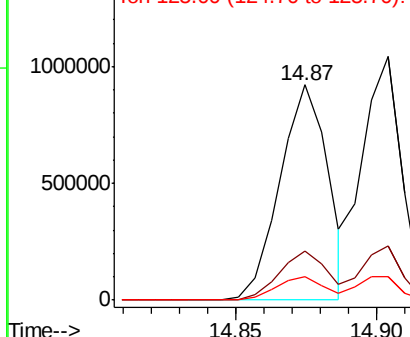


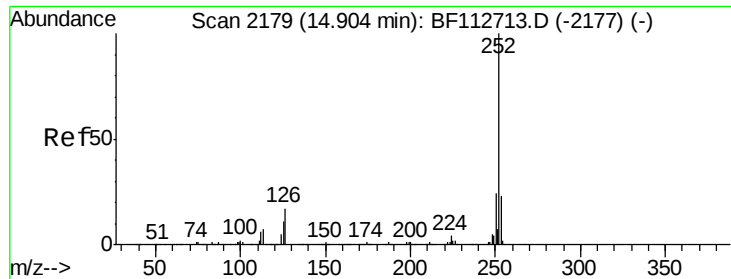
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



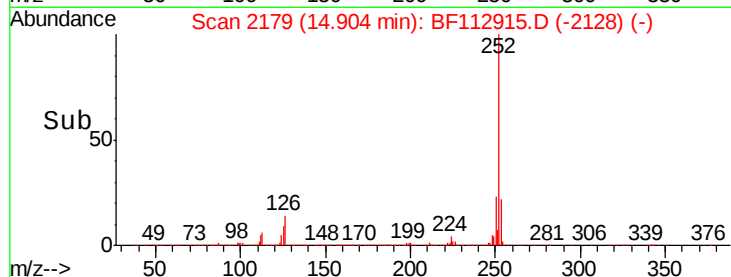
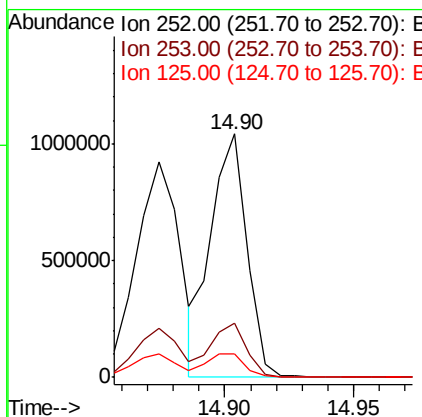
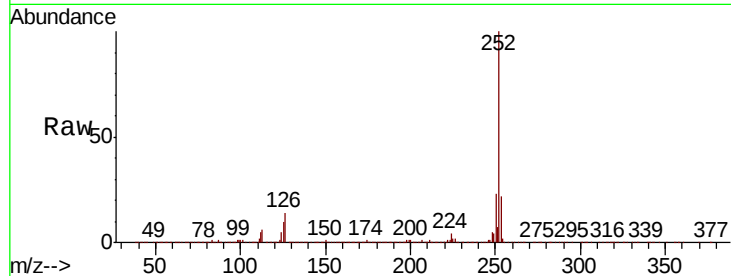


#89
Benzo(k)fluoranthene
Concen: 39.270 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

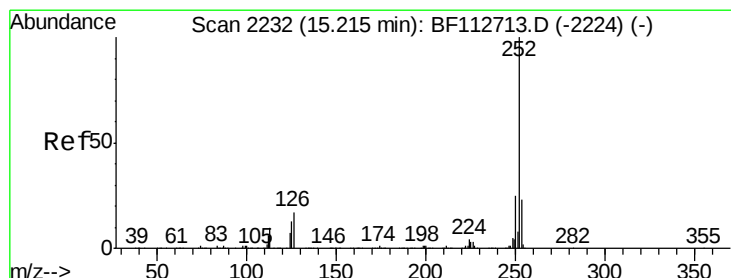
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.6	9.8	14.6

Manual Integrations
APPROVED



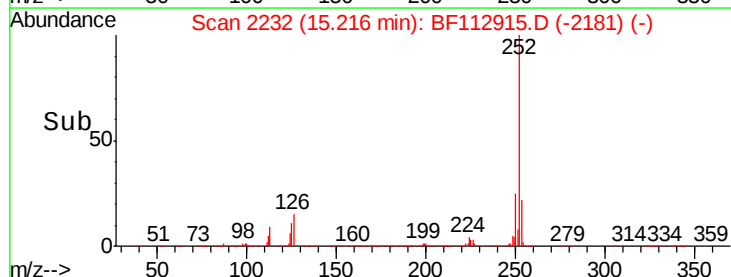
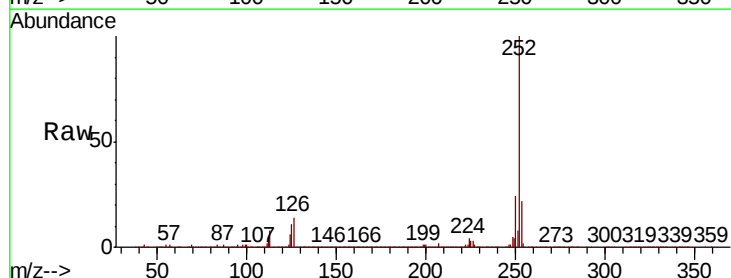
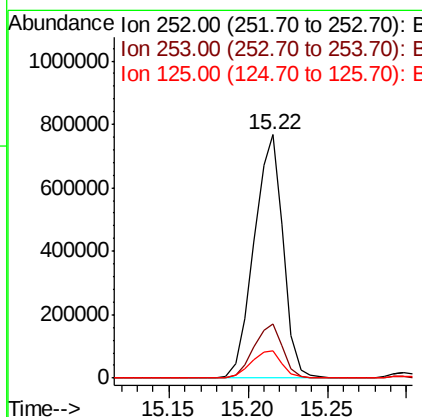
Sohil

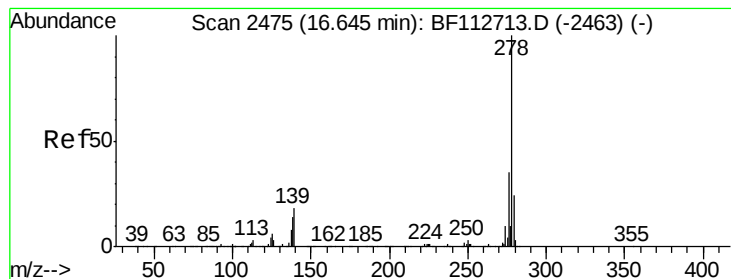
3/7/2019 11:03:17 AM



#90
Benzo(a)pyrene
Concen: 39.058 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112915.D
Acq: 7 Mar 2019 7:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.0	10.7	16.1





#91

Dibenzo(a,h)anthracene

Concen: 41.566 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

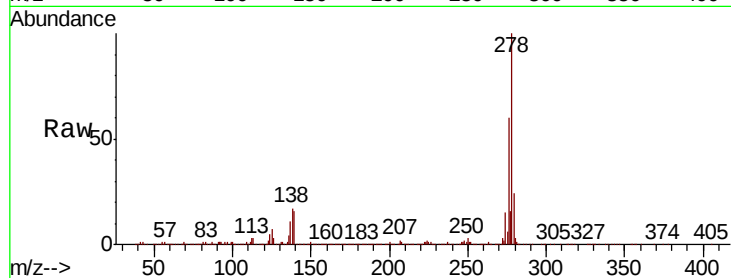
BNA_F

ClientSampleId :

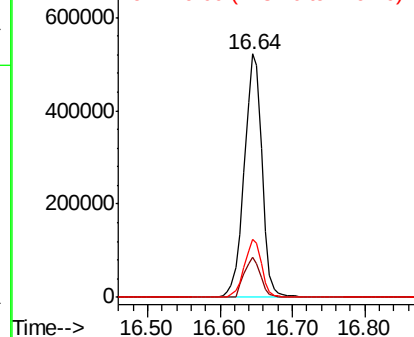
SSTDCCC040EC

Tot Ion:	278	Resp:	887460
Ion Ratio	Lower	Upper	
278	100		
139	16.4	14.3	21.5
279	23.6	19.4	29.0

Manual Integrations
APPROVED

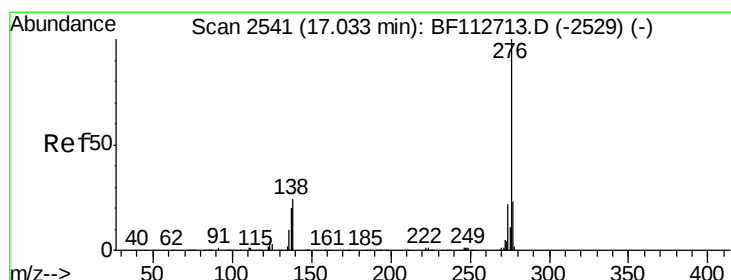
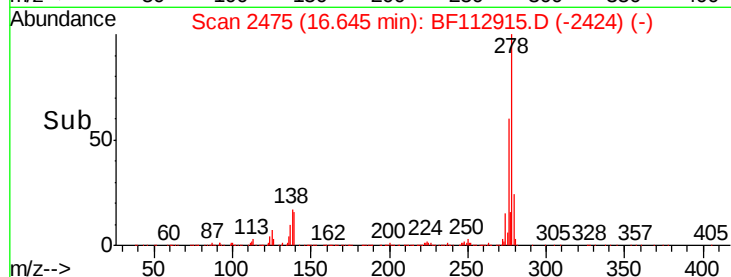


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Sohil

3/7/2019 11:03:17 AM



#92

Benzo(g,h,i)perylene

Concen: 41.151 ng

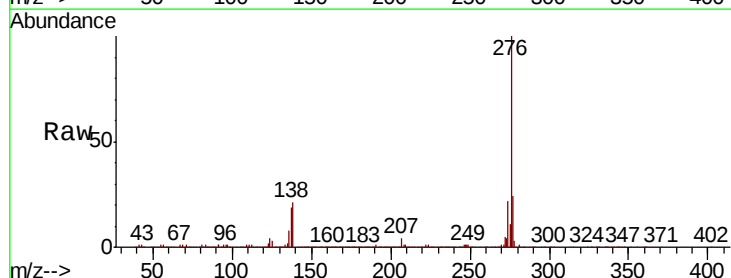
RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Tgt Ion:	276	Resp:	882233
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	27.8
138	20.7	19.4	29.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

