

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113121.D
 Acq On : 19 Mar 2019 5:57
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 3/20/2019 6:46:27 PM

Quant Time: Mar 20 06:01:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	119819	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	447278	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	201903	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	371940	20.00	ng	0.00
76) Chrysene-d12	13.87	240	331275	20.00	ng	0.00
87) Perylene-d12	15.28	264	295389	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	612876	79.57	ng	0.00
7) Phenol-d6	6.38	99	672114	69.46	ng	0.00
23) Nitrobenzene-d5	7.29	82	619620	82.89	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	184277	85.97	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1127739	95.71	ng	0.00
79) Terphenyl-d14	12.82	244	1202099	70.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	135432	35.076	ng	98
3) Pyridine	3.07	79	390427	37.796	ng	99
4) n-Nitrosodimethylamine	3.01	42	166567m	36.861	ng	
6) Aniline	6.39	93	417620	31.356	ng	# 36
8) 2-Chlorophenol	6.52	128	314395	36.666	ng	91
9) Benzaldehyde	6.27	77	212147	30.429	ng	100
10) Phenol	6.39	94	378106	33.487	ng	# 68
11) bis(2-Chloroethyl)ether	6.47	93	298749	34.472	ng	94
12) 1,3-Dichlorobenzene	6.67	146	347295	39.209	ng	96
13) 1,4-Dichlorobenzene	6.75	146	346015	38.953	ng	99
14) 1,2-Dichlorobenzene	6.90	146	319014	39.176	ng	99
15) Benzyl Alcohol	6.87	79	252311	34.197	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	475743	32.894	ng	85
17) 2-Methylphenol	7.00	107	239568	34.440	ng	96
18) Hexachloroethane	7.25	117	98941	29.077	ng	# 87
19) n-Nitroso-di-n-propylamine	7.15	70	209501	34.187	ng	97
20) 3+4-Methylphenols	7.15	107	296852	37.800	ng	# 69
22) Acetophenone	7.14	105	439029	41.978	ng	# 91
24) Nitrobenzene	7.31	77	323588	38.895	ng	98
25) Isophorone	7.55	82	569047	35.337	ng	99
26) 2-Nitrophenol	7.63	139	102427	29.576	ng	95
27) 2,4-Dimethylphenol	7.67	122	239174	37.122	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	376872	37.432	ng	99
29) 2,4-Dichlorophenol	7.87	162	248273	39.736	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	283201	42.184	ng	98
31) Naphthalene	8.03	128	866813	39.035	ng	99
32) Benzoic acid	7.76	122	87832m	19.450	ng	
33) 4-Chloroaniline	8.09	127	353723	37.608	ng	98
34) Hexachlorobutadiene	8.16	225	178506	47.147	ng	98
35) Caprolactam	8.45	113	72761	33.064	ng	97
36) 4-Chloro-3-methylphenol	8.57	107	247924	35.855	ng	98
37) 2-Methylnaphthalene	8.73	142	560352	39.075	ng	99
38) 1-Methylnaphthalene	8.82	142	537036	38.659	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	273093	46.384	ng	# 97

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040EC

Manual Integrations
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 3/20/2019 6:46:27 PM

Quant Time: Mar 20 06:01:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	7579	2.351	ng	96
43) 2,4,6-Trichlorophenol	9.01	196	155396	38.350	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	168335	38.434	ng	99
46) 1,1'-Biphenyl	9.19	154	697426	42.350	ng	99
47) 2-Chloronaphthalene	9.21	162	506188	39.364	ng	99
48) 2-Nitroaniline	9.31	65	162494	41.574	ng	89
49) Acenaphthylene	9.62	152	829115	37.980	ng	99
50) Dimethylphthalate	9.49	163	624759	41.966	ng	99
51) 2,6-Dinitrotoluene	9.55	165	121241	39.108	ng	89
52) Acenaphthene	9.80	154	464247	36.365	ng	99
53) 3-Nitroaniline	9.72	138	153721	40.693	ng	96
54) 2,4-Dinitrophenol	9.84	184	390	6.736	ng	# 46
55) Dibenzofuran	9.97	168	710595	38.298	ng	96
56) 4-Nitrophenol	9.89	139	86331	28.120	ng	92
57) 2,4-Dinitrotoluene	9.95	165	144621	37.529	ng	87
58) Fluorene	10.31	166	515239	39.125	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	134252	36.791	ng	94
60) Diethylphthalate	10.18	149	618435	39.332	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	273822	44.690	ng	97
62) 4-Nitroaniline	10.32	138	152549	43.702	ng	99
63) Azobenzene	10.46	77	531482	33.001	ng	93
65) 4,6-Dinitro-2-methylphenol	10.36	198	1711	5.625	ng	93
66) n-Nitrosodiphenylamine	10.42	169	477226	40.007	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	170816	43.602	ng	97
68) Hexachlorobenzene	10.86	284	189684	42.952	ng	# 87
69) Atrazine	10.95	200	127043	34.775	ng	99
70) Pentachlorophenol	11.06	266	72663	27.955	ng	98
71) Phenanthrene	11.26	178	754200	40.756	ng	99
72) Anthracene	11.32	178	768698	39.682	ng	98
73) Carbazole	11.47	167	731118	38.690	ng	98
74) Di-n-butylphthalate	11.80	149	967920	42.718	ng	99
75) Fluoranthene	12.45	202	850530	42.899	ng	95
77) Benzidine	12.57	184	475527	27.668	ng	99
78) Pyrene	12.67	202	884691	31.678	ng	99
80) Butylbenzylphthalate	13.29	149	416099	33.754	ng	97
81) Benzo(a)anthracene	13.86	228	754462	32.860	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	335406	38.626	ng	97
83) Chrysene	13.90	228	771654	34.312	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	572275	39.579	ng	99
85) Di-n-octyl phthalate	14.46	149	1037871	41.802	ng	97
86) Indeno(1,2,3-cd)pyrene	16.64	276	697198	36.363	ng	# 94
88) Benzo(b)fluoranthene	14.88	252	728781	38.143	ng	# 96
89) Benzo(k)fluoranthene	14.91	252	654217	37.801	ng	# 96
90) Benzo(a)pyrene	15.22	252	633545	37.488	ng	97
91) Dibenzo(a,h)anthracene	16.66	278	581280	40.307	ng	97
92) Benzo(g,h,i)perylene	17.06	276	547274	37.793	ng	95

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

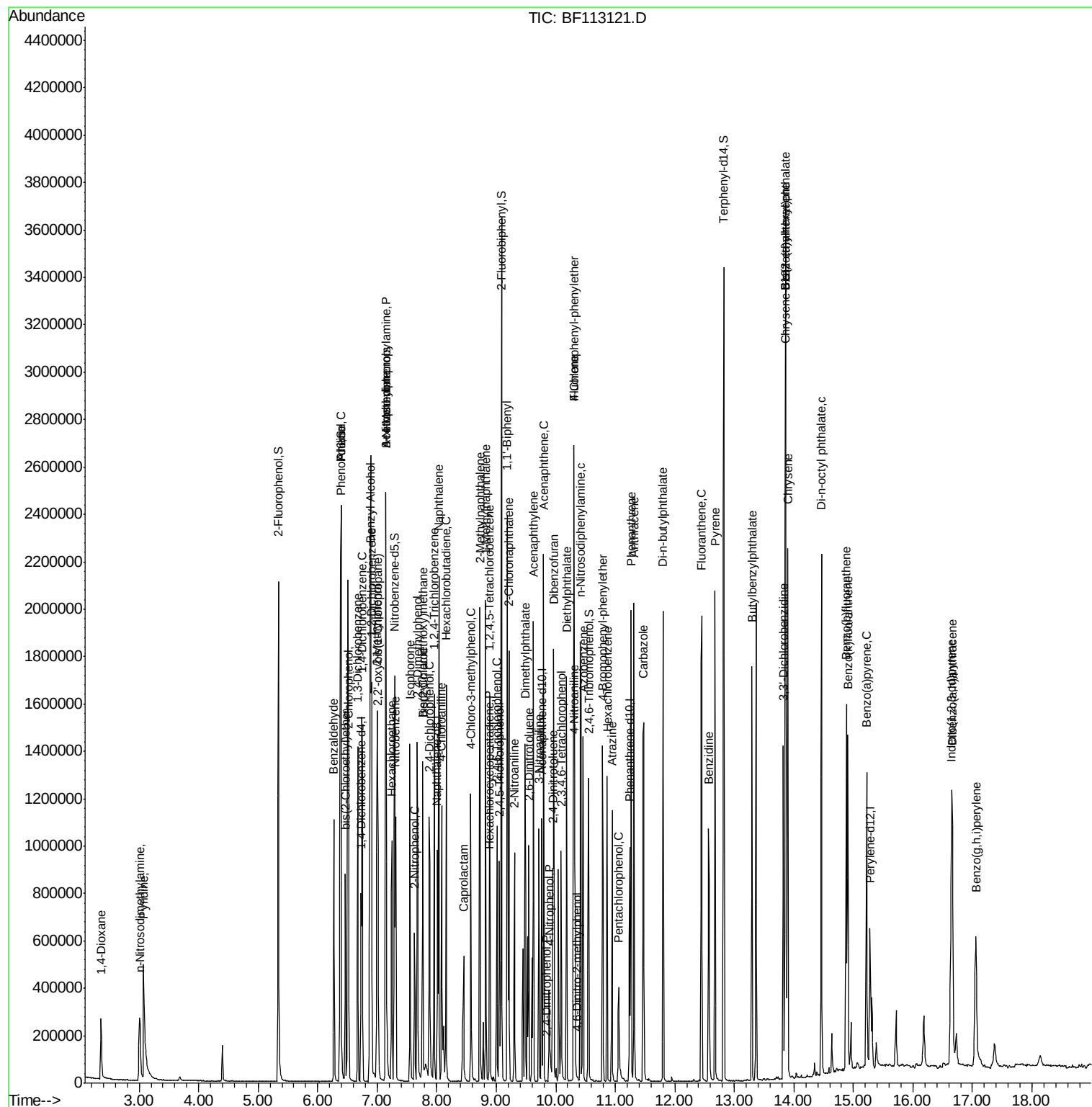
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
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 Acq On : 19 Mar 2019 5:57
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

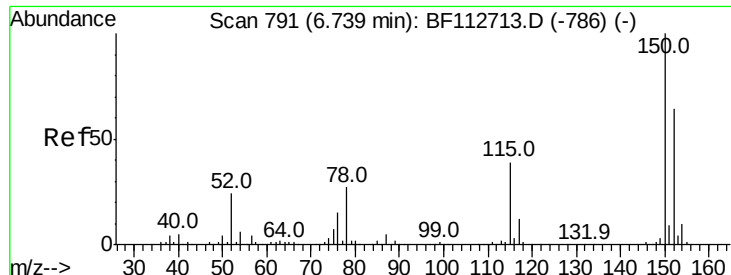
Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

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#1

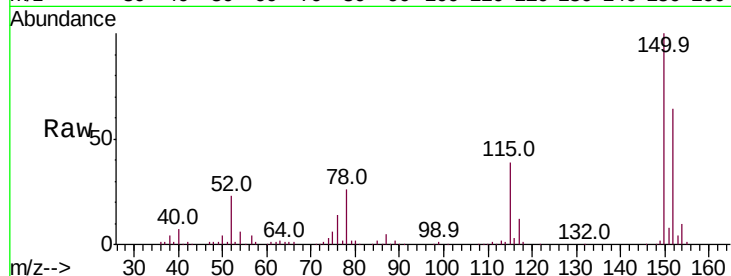
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	60.6	48.2	72.4

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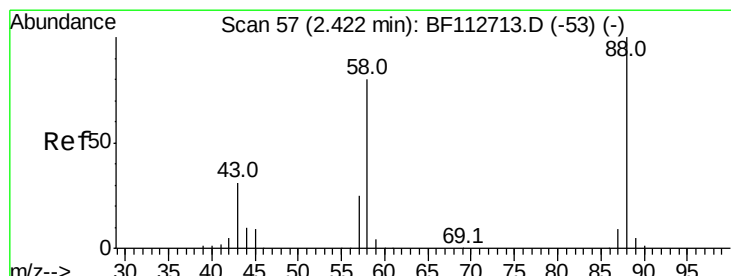
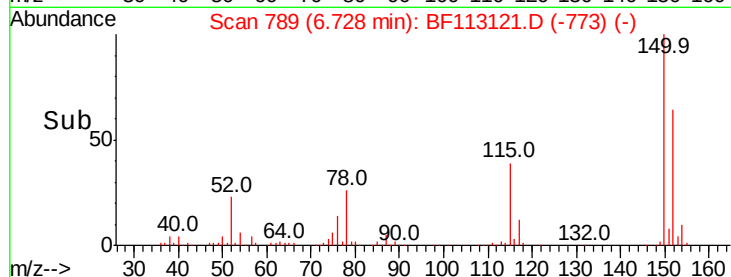
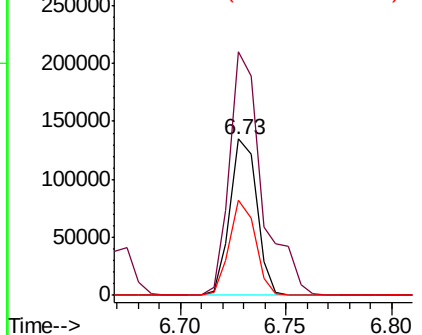


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

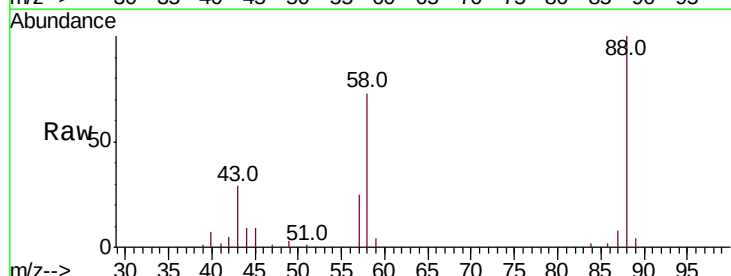
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.076 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.08 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	63.1	94.7
43	30.4	24.3	36.5

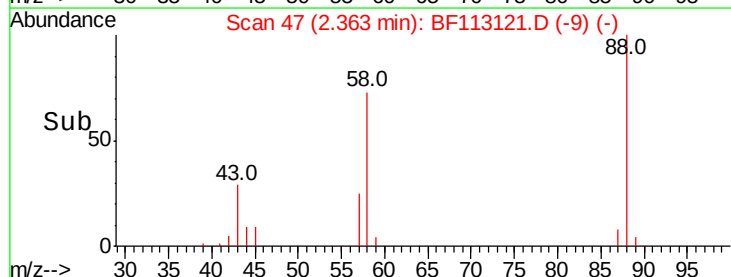
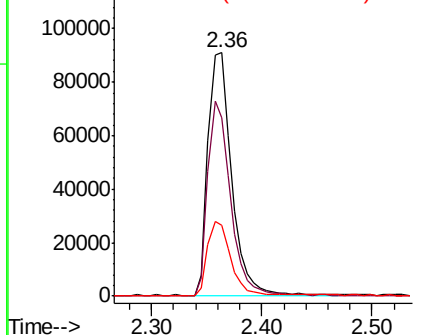


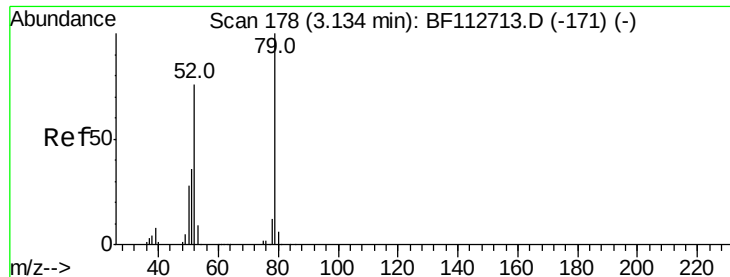
Abundance

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





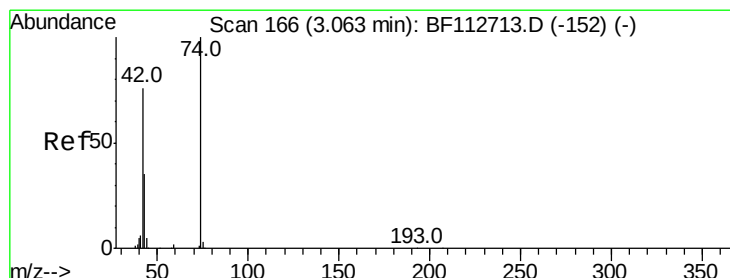
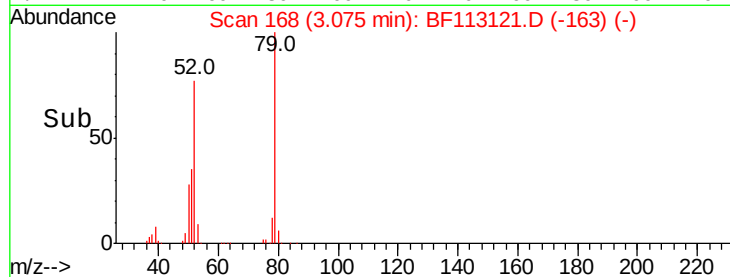
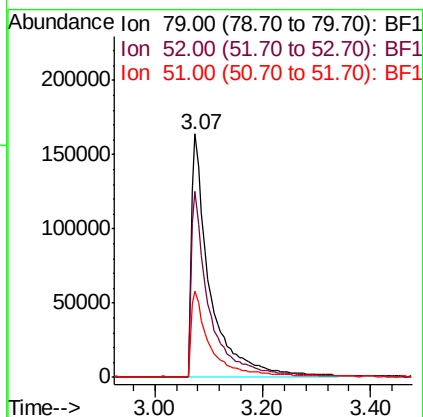
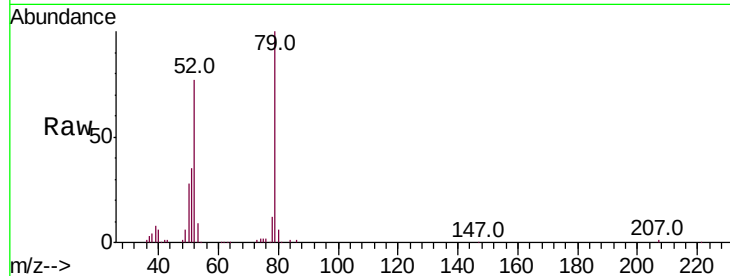
#3
Pvridine
Concen: 37.796 ng
RT: 3.07 min Scan# 168
Delta R.T. -0.07 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.5	60.5	90.7
51	35.5	28.8	43.2

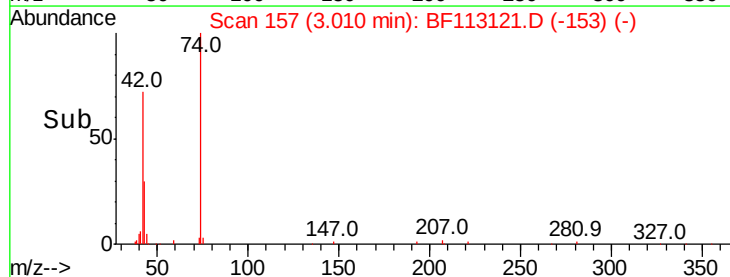
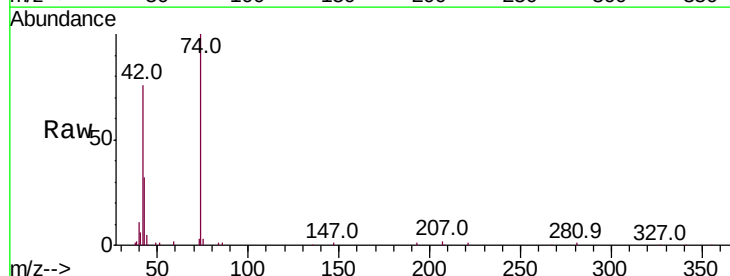
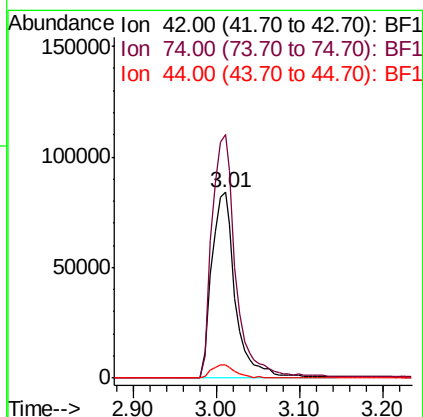
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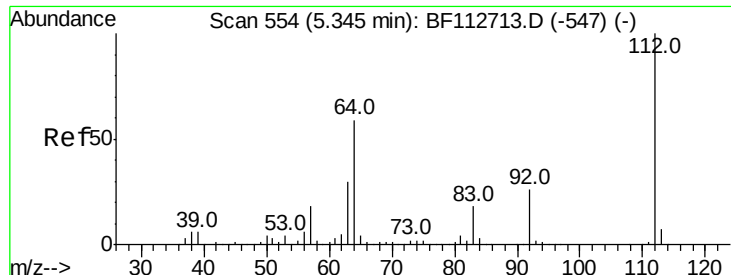
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#4
n-Nitrosodimethylamine
Concen: 36.861 ng m
RT: 3.01 min Scan# 157
Delta R.T. -0.08 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.9	105.8	158.8
44	6.8	6.2	9.2





#5

2-Fluorophenol

Concen: 79.566 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

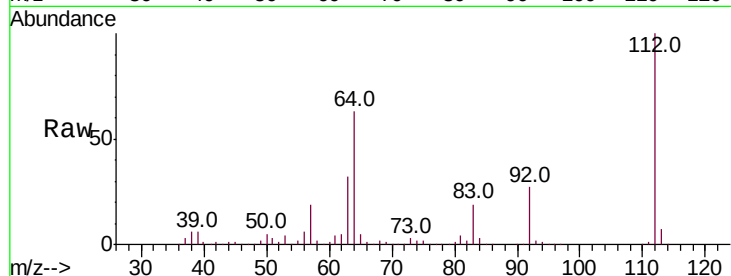
ClientSampleId :

SSTDCCC040EC

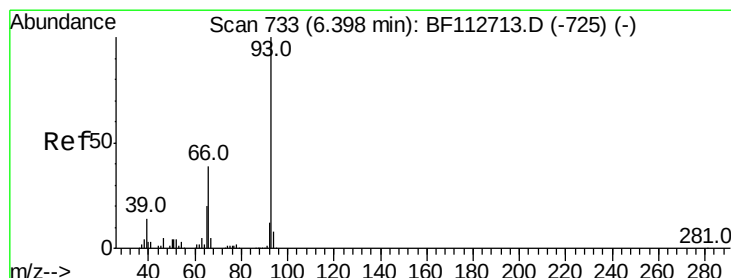
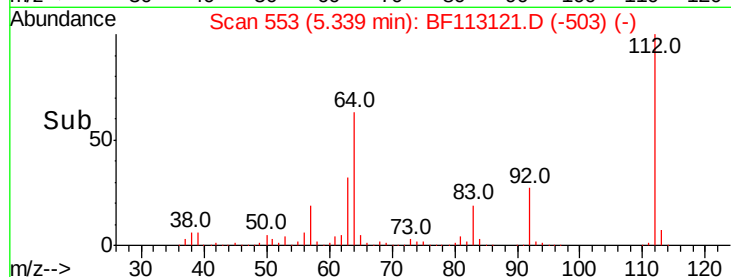
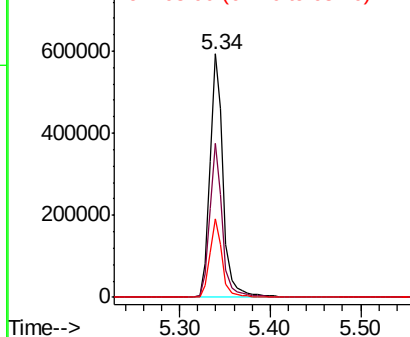
Tot Ion:	112	Resp:	612876
Ion Ratio	Lower	Upper	
112	100		
64	63.0	47.6	71.4
63	32.4	24.4	36.6

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.356 ng

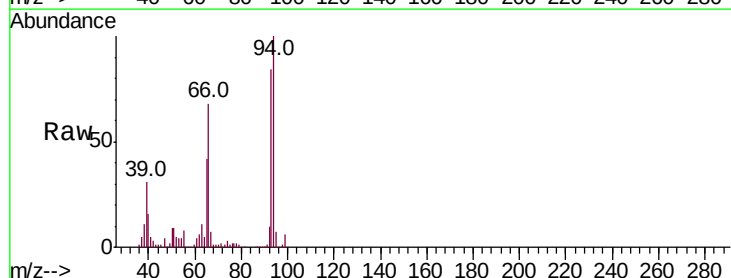
RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

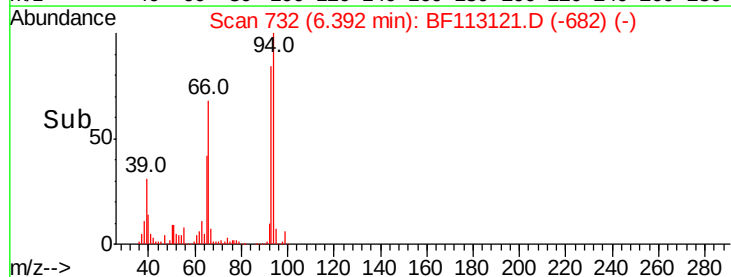
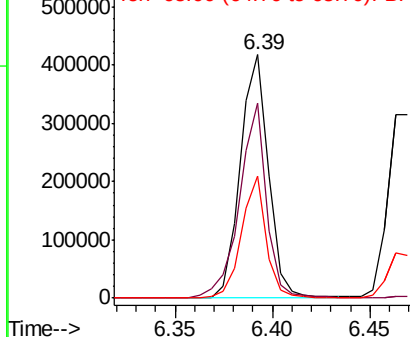
Lab File: BF113121.D

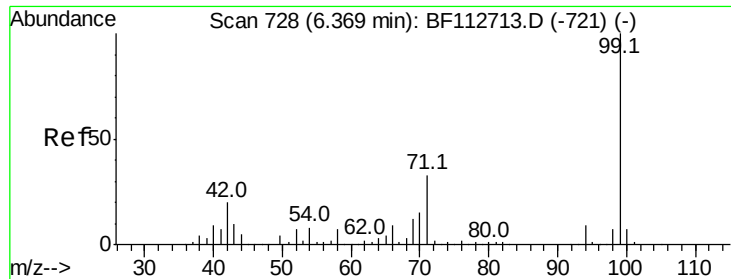
Acq: 19 Mar 2019 5:57

Tgt Ion:	93	Resp:	417620
Ion Ratio	Lower	Upper	
93	100		
66	80.1	32.2	48.2#
65	50.0	16.2	24.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 69.463 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

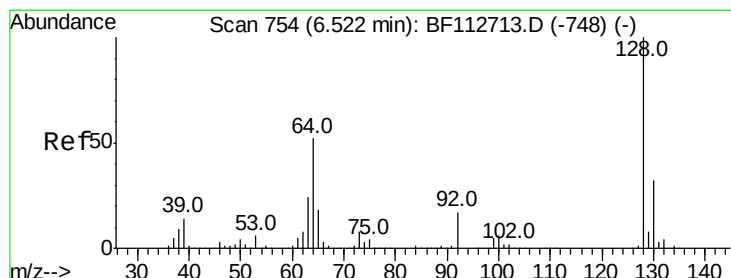
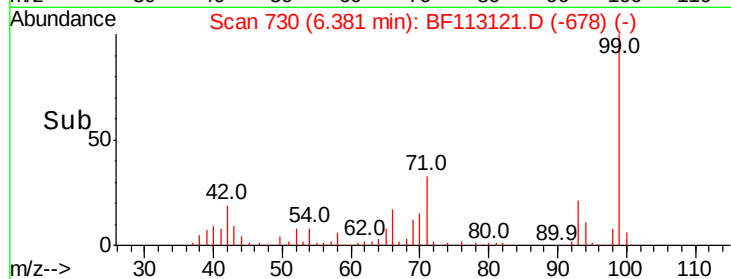
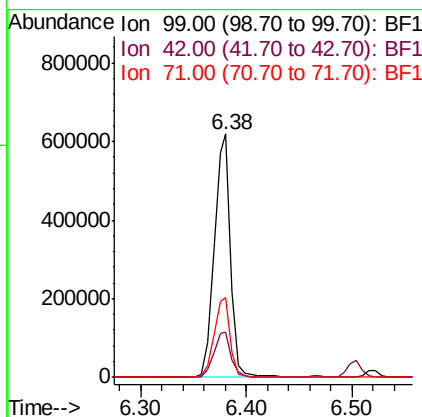
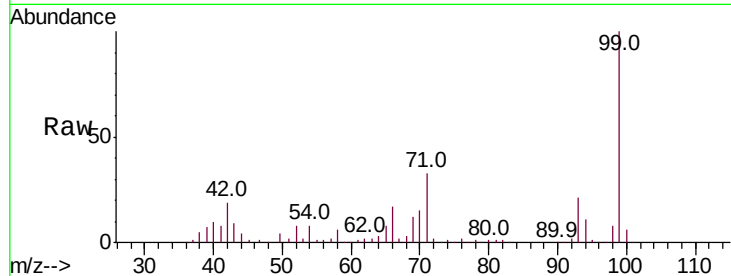
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	672114
Ion Ratio	Lower	Upper	
99	100		
42	18.5	16.3	24.5
71	32.9	26.2	39.4

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#8

2-Chlorophenol

Concen: 36.666 ng

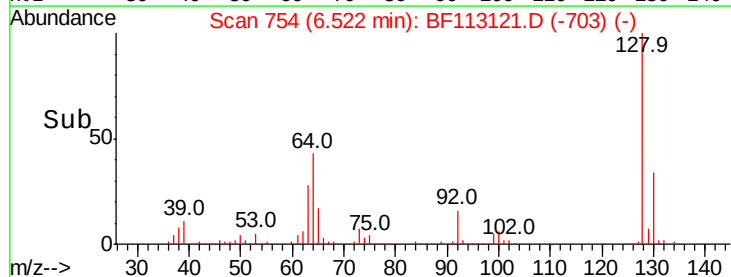
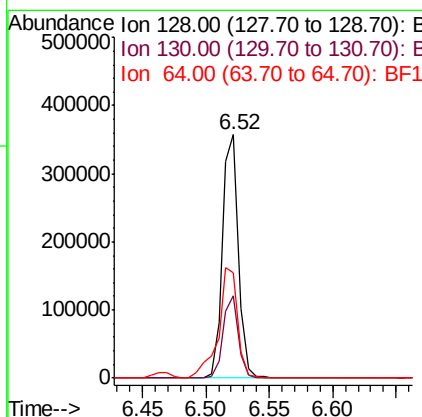
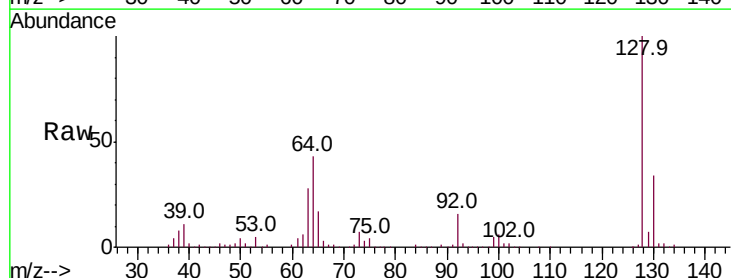
RT: 6.52 min Scan# 754

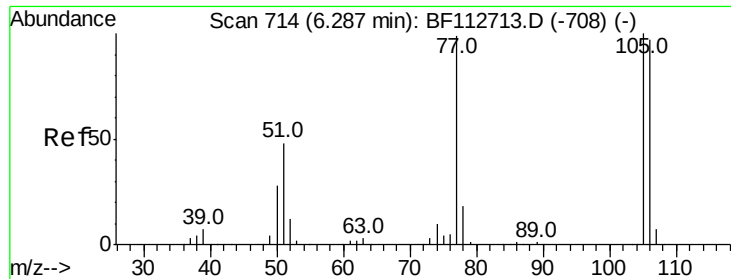
Delta R.T. -0.00 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Tgt Ion:	128	Resp:	314395
Ion Ratio	Lower	Upper	
128	100		
130	34.0	12.4	52.4
64	43.3	32.2	72.2





#9

Benzaldehyde

Concen: 30.429 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

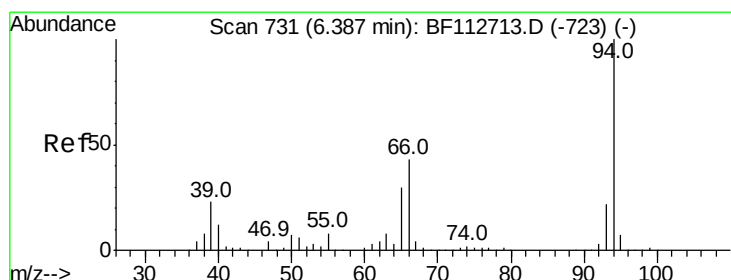
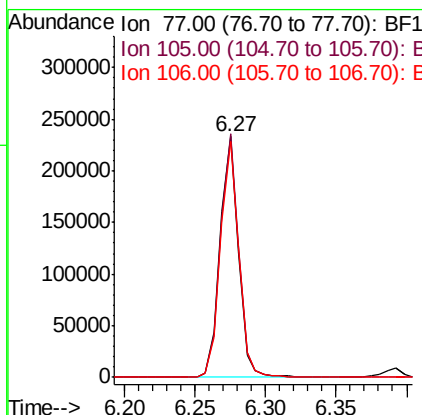
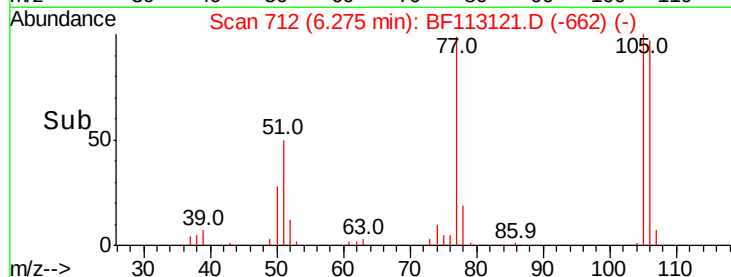
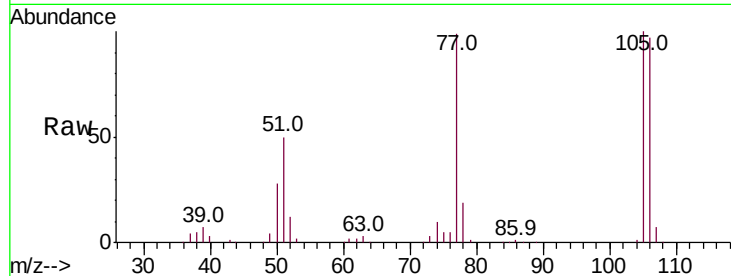
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	212147
Ion Ratio	Lower	Upper	
77	100		
105	101.2	81.4	121.4
106	98.2	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 33.487 ng

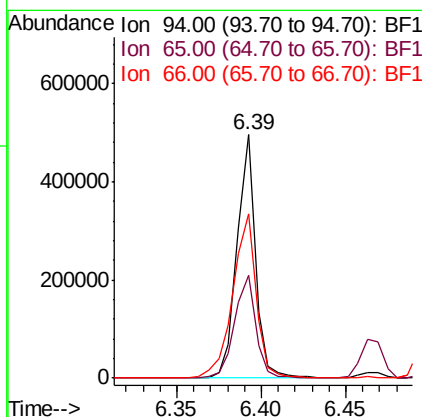
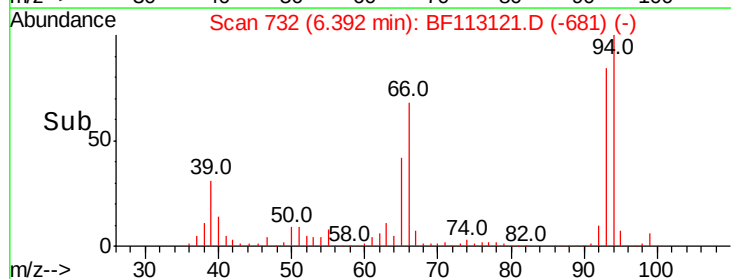
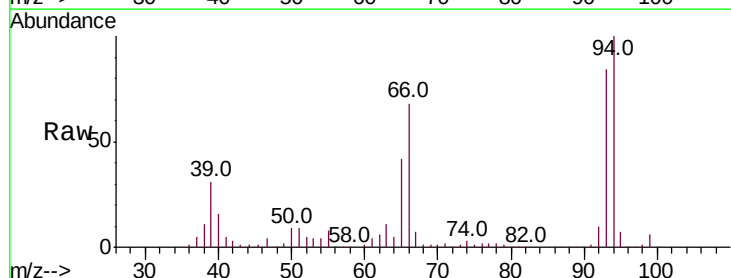
RT: 6.39 min Scan# 732

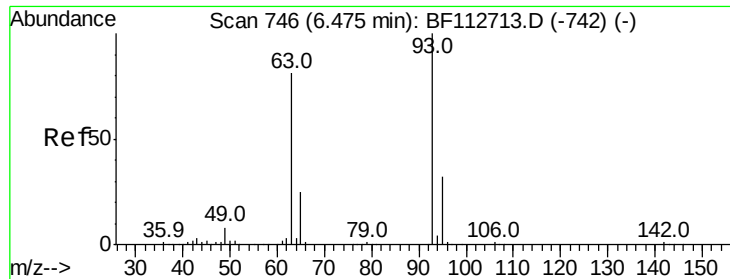
Delta R.T. -0.00 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Tgt Ion:	94	Resp:	378106
Ion Ratio	Lower	Upper	
94	100		
65	42.2	10.5	50.5
66	67.5	22.6	62.6#





#11

bis(2-Chloroethyl)ether

Concen: 34.472 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

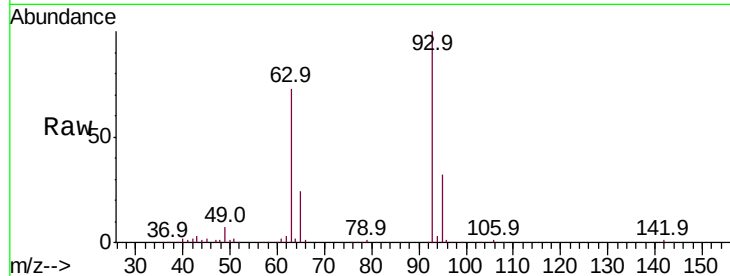
ClientSampleId :

SSTDCCC040EC

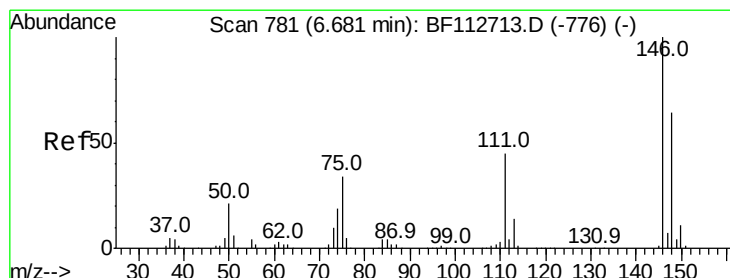
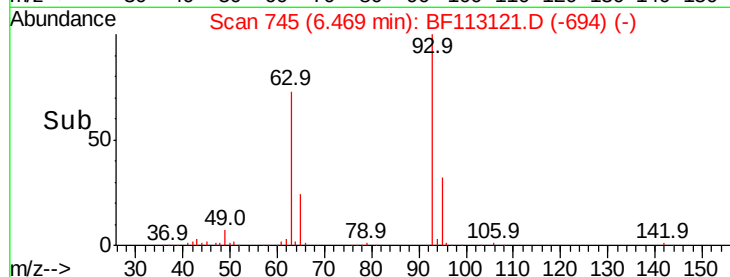
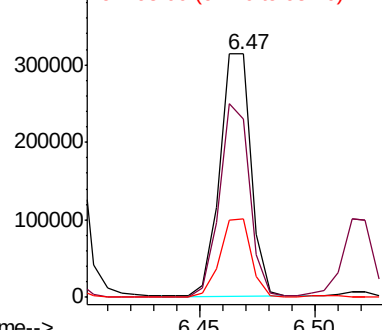
Tot Ion:	93	Resp:	298749
Ion Ratio	Lower	Upper	
93	100		
63	73.3	60.5	100.5
95	32.0	12.1	52.1

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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



#12

1,3-Dichlorobenzene

Concen: 39.209 ng

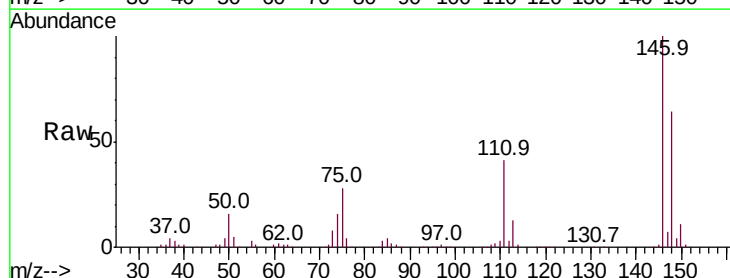
RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

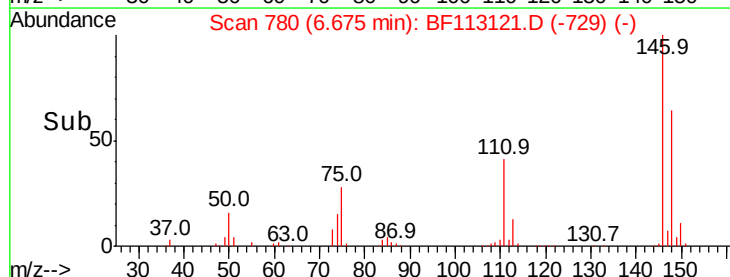
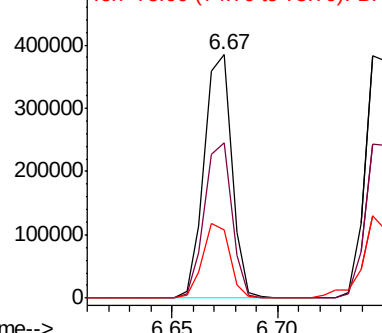
Lab File: BF113121.D

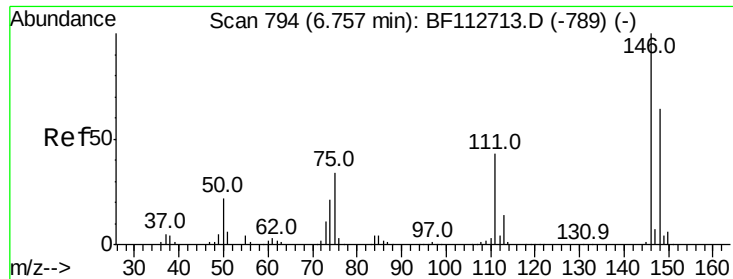
Acq: 19 Mar 2019 5:57

Tgt Ion:	146	Resp:	347295
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.9	76.3
75	27.9	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





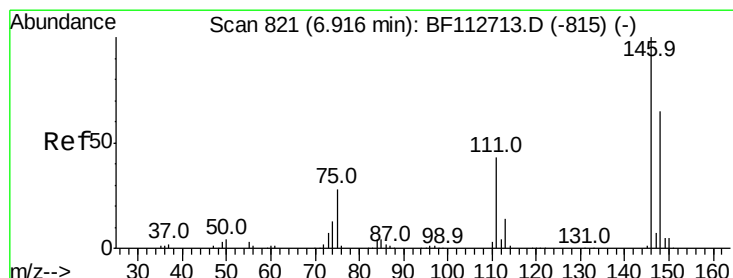
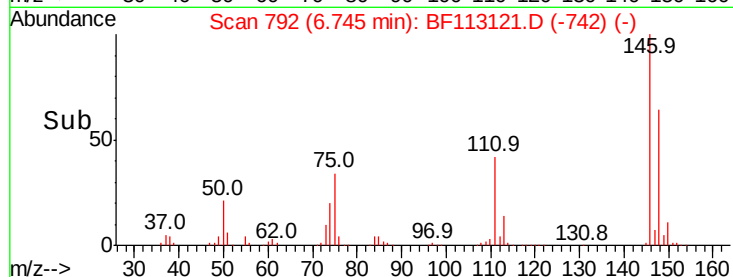
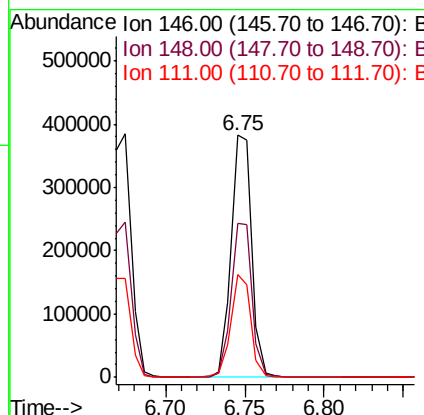
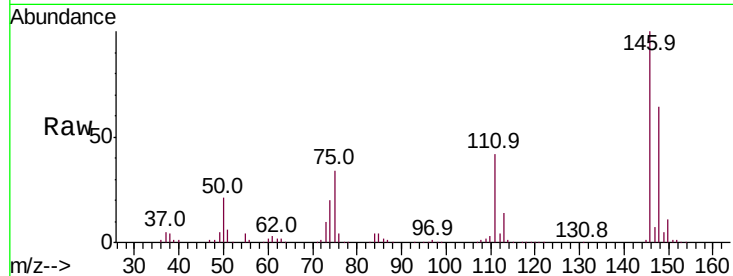
#13
1,4-Dichlorobenzene
Concen: 38.953 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	42.4	34.5	51.7

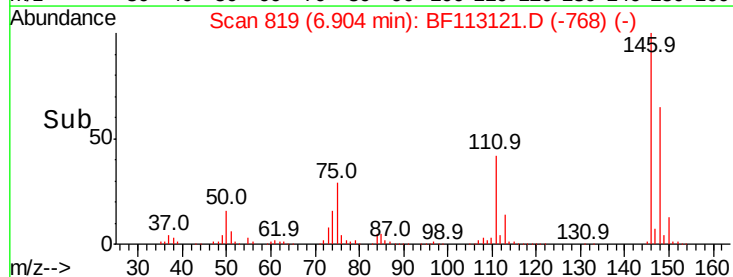
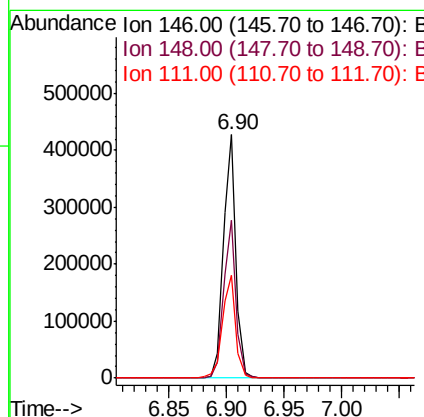
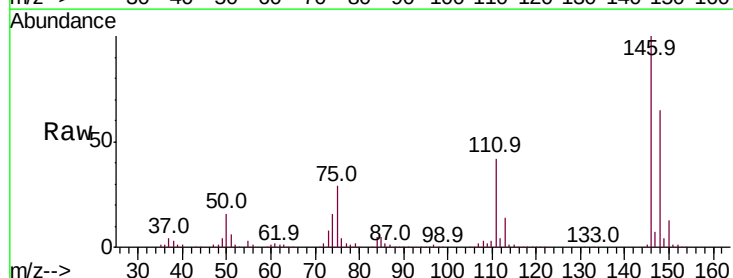
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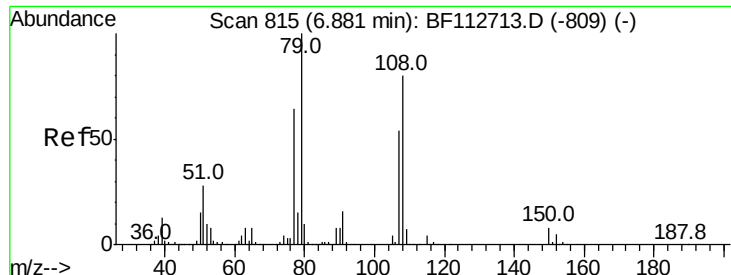
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#14
1,2-Dichlorobenzene
Concen: 39.176 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	42.1	34.8	52.2





#15

Benzyl Alcohol

Concen: 34.197 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

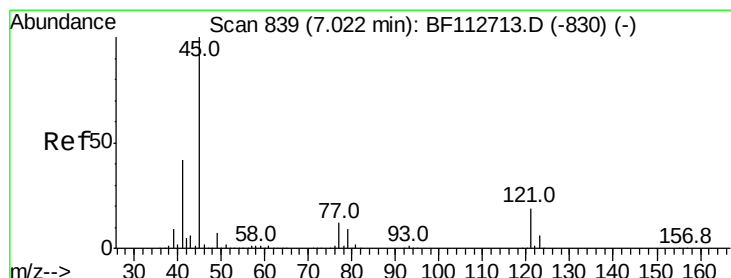
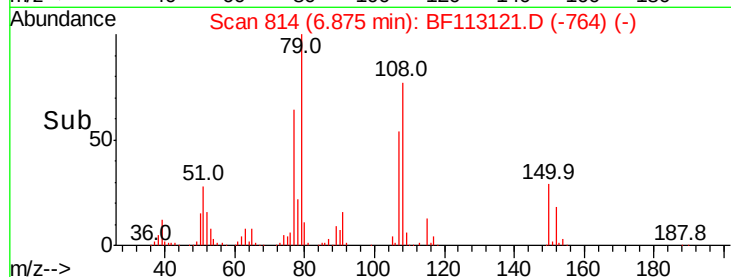
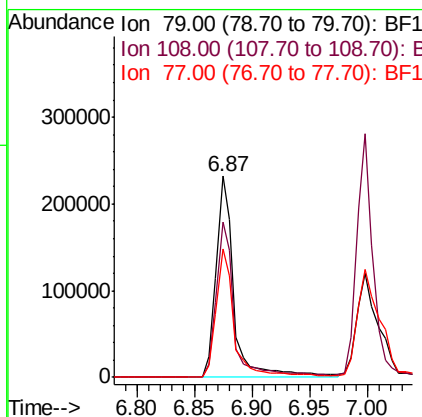
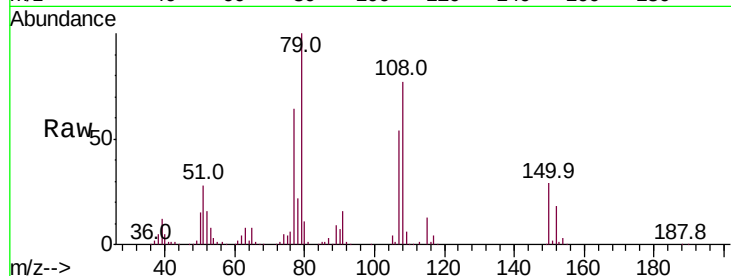
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	252311
Ion Ratio	Lower	Upper	
79	100		
108	77.2	64.2	96.4
77	64.0	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.894 ng

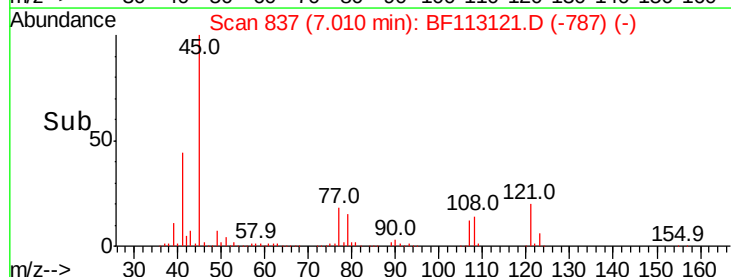
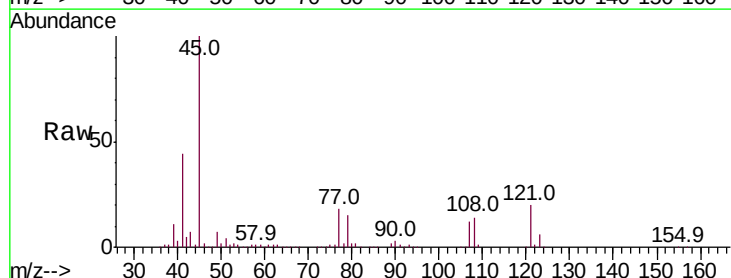
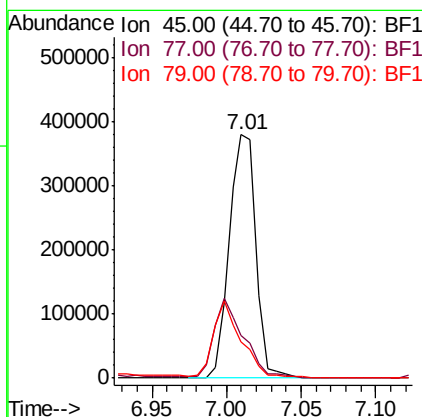
RT: 7.01 min Scan# 837

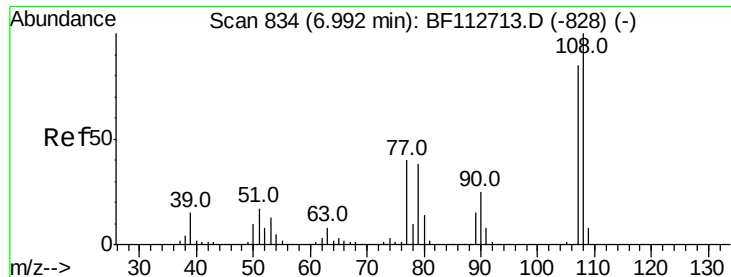
Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Tgt Ion:	45	Resp:	475743
Ion Ratio	Lower	Upper	
45	100		
77	17.6	0.0	32.1
79	15.0	0.0	29.4





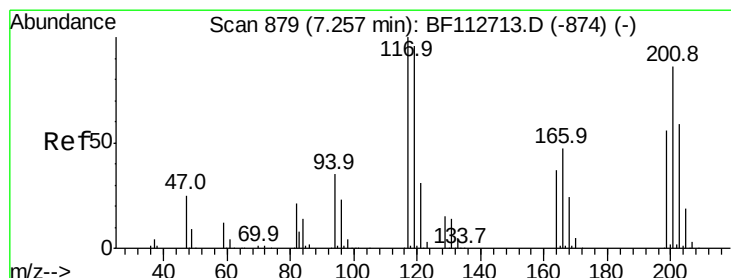
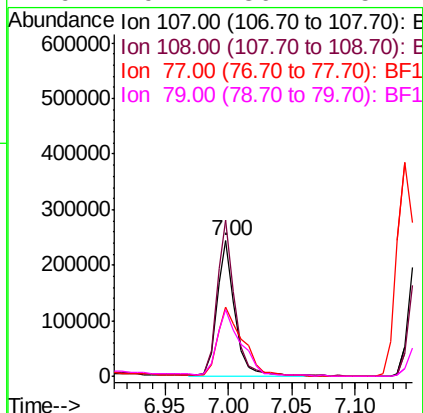
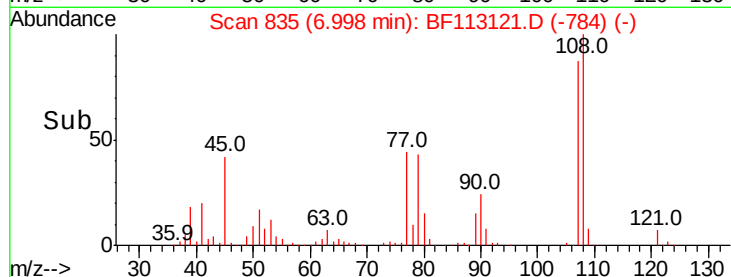
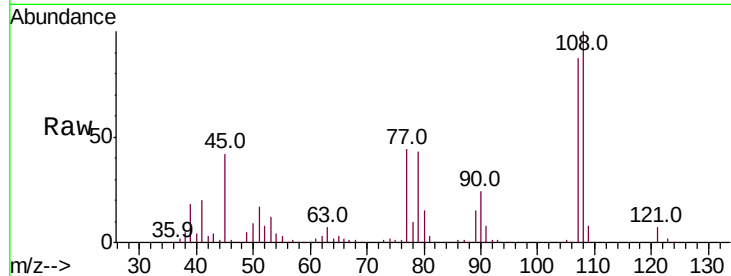
#17
2-Methylphenol
Concen: 34.440 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	94.6	142.0	
77	51.0	37.8	56.8	
79	49.2	36.2	54.2	

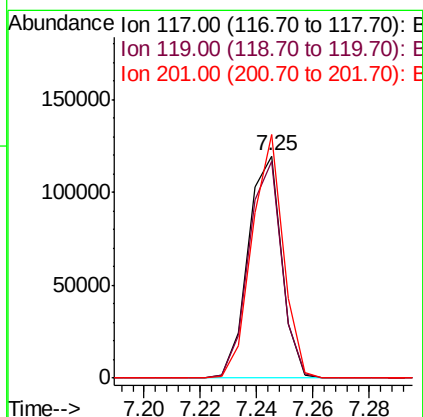
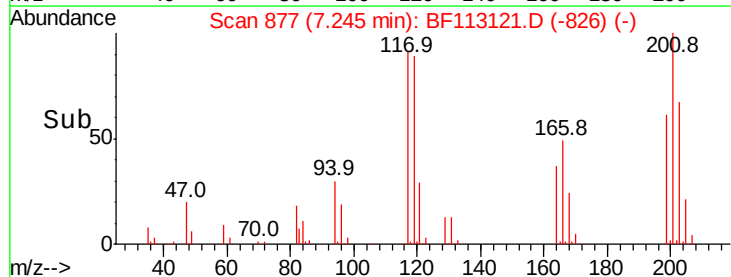
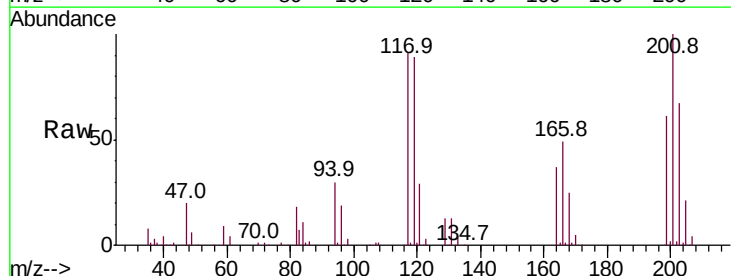
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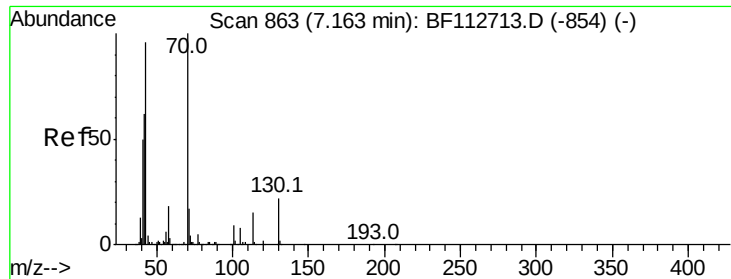
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#18
Hexachloroethane
Concen: 29.077 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	76.6	115.0	
201	109.5	68.9	103.3#	





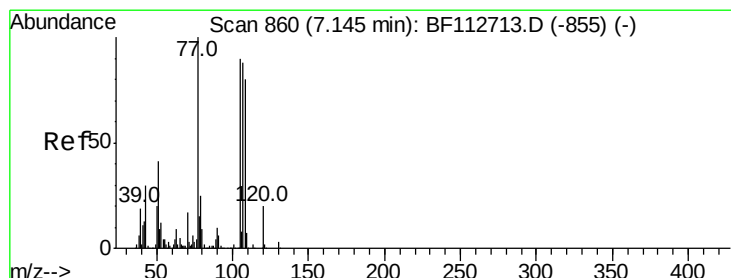
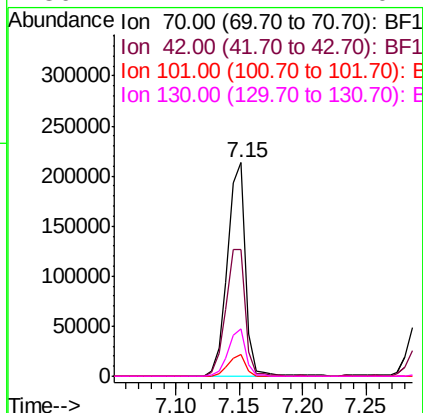
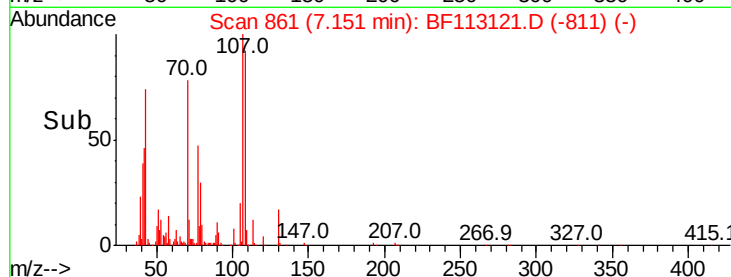
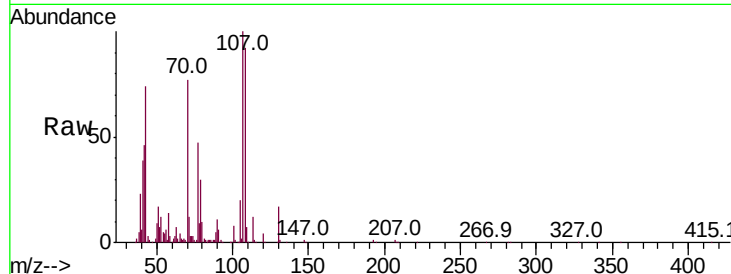
#19
n-Nitroso-di-n-propylamine
Concen: 34.187 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.3	49.9	74.9
101	10.2	7.4	11.2
130	22.4	17.4	26.2

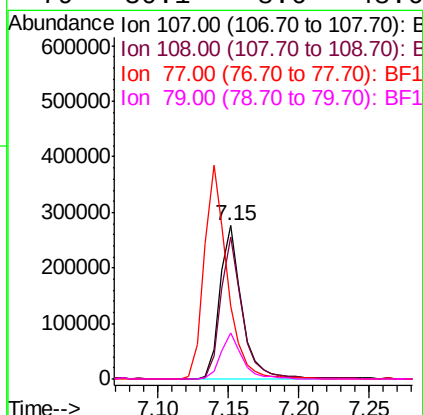
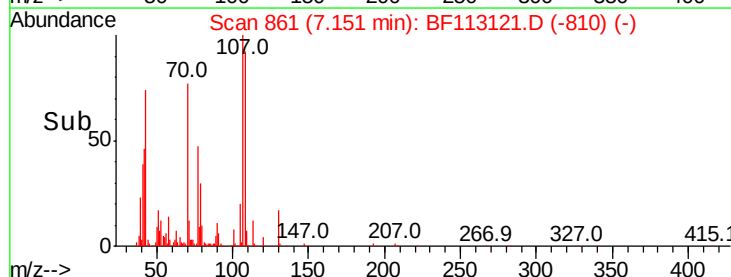
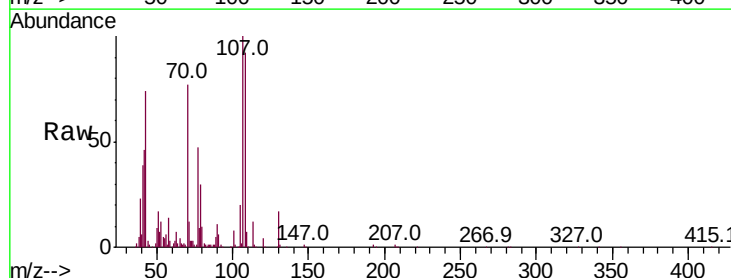
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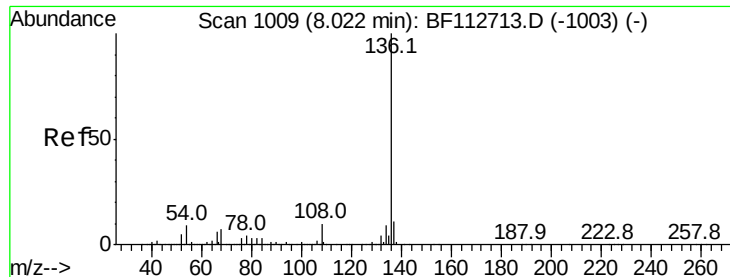
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#20
3+4-Methylphenols
Concen: 37.800 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	71.4	111.4
77	47.4	94.1	134.1#
79	30.1	8.6	48.6





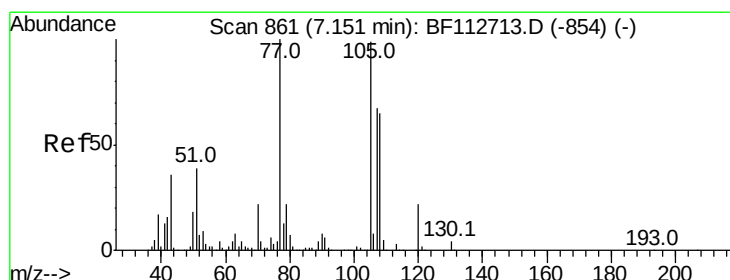
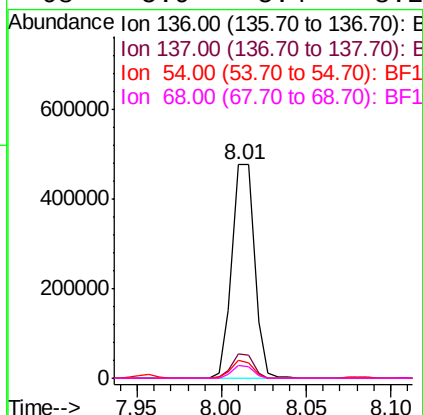
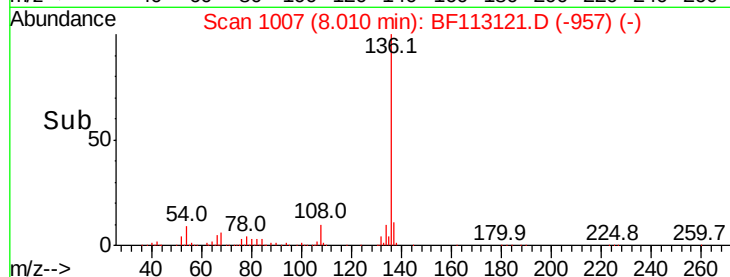
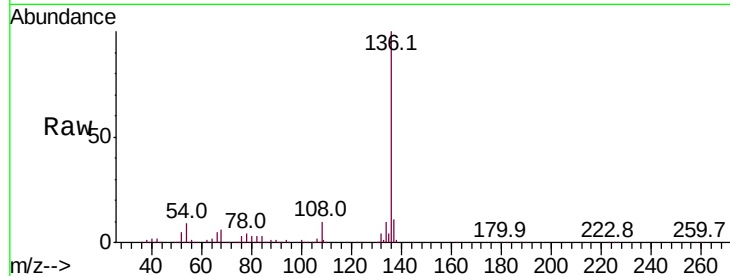
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	447278		
137	11.2	8.9	13.3	
54	8.7	7.3	10.9	
68	5.9	5.4	8.2	

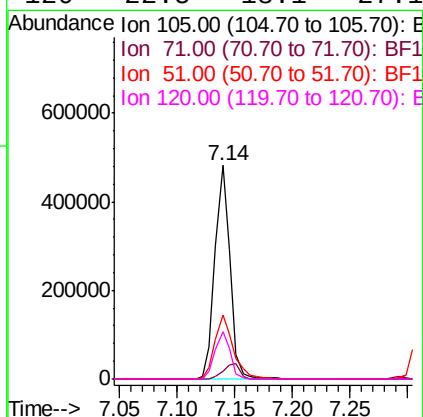
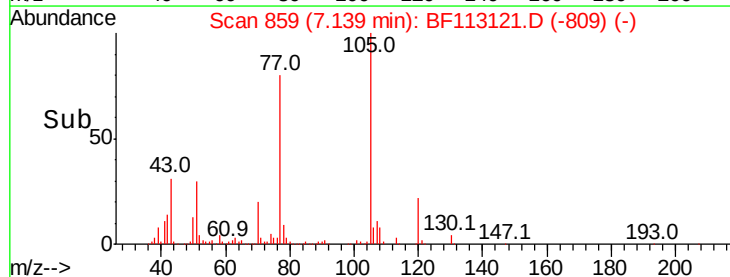
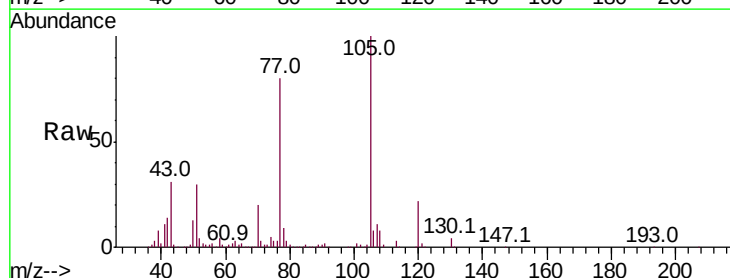
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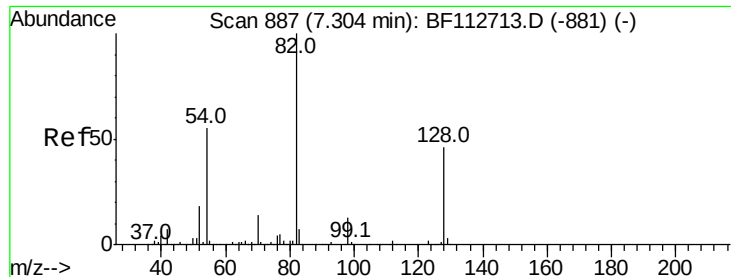
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#22
Acetophenone
Concen: 41.978 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	439029		
71	3.3	3.0	4.4	
51	29.9	31.5	47.3	
120	22.5	18.1	27.1	





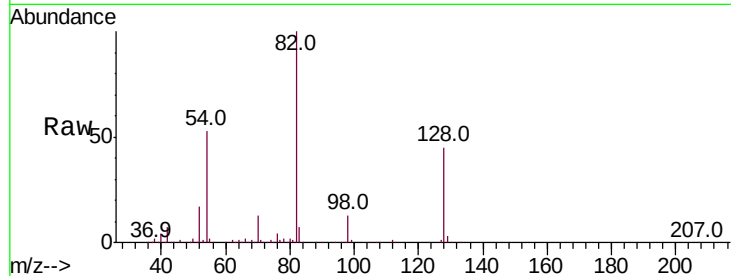
#23
Nitrobenzene-d5
Concen: 82.894 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.3	54.5
54	53.5	43.7	65.5

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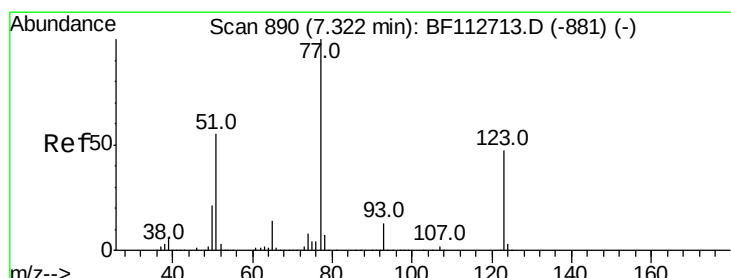
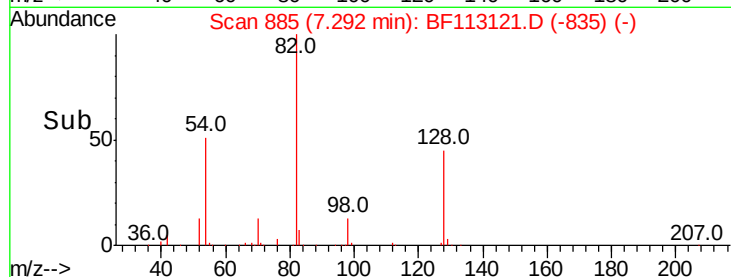
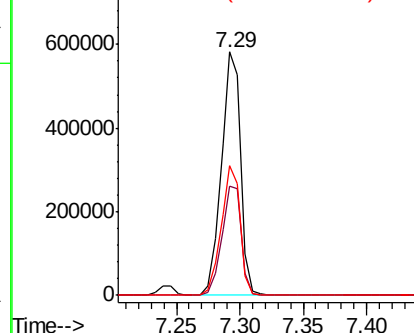


Abundance

Ion 82.00 (81.70 to 82.70): BF1

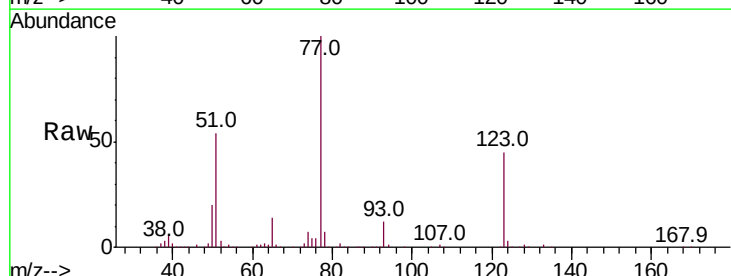
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 38.895 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	37.8	56.6
65	13.6	11.1	16.7

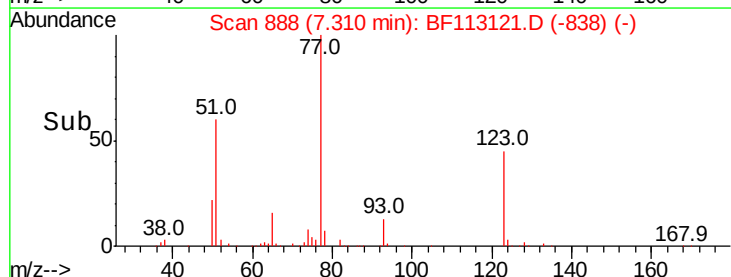
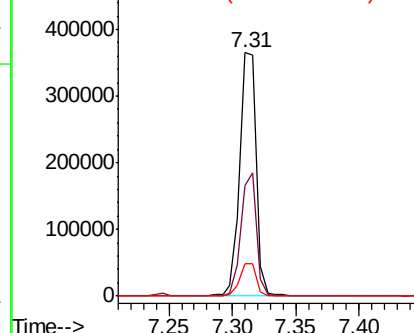


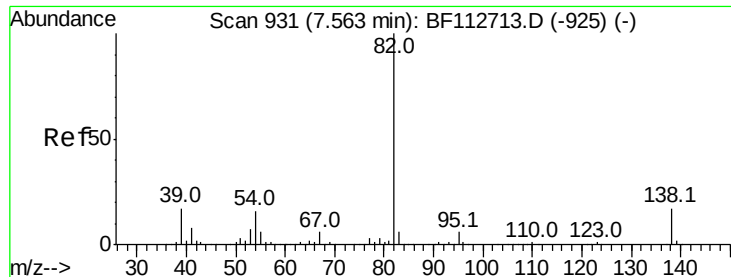
Abundance

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: 35.337 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

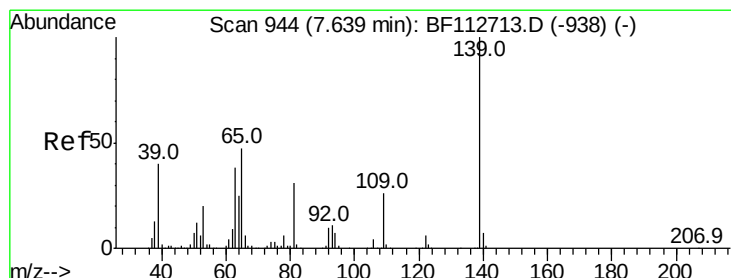
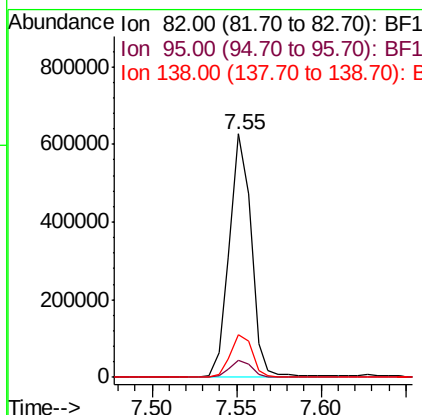
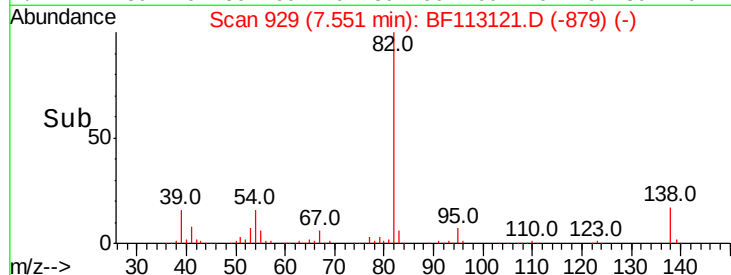
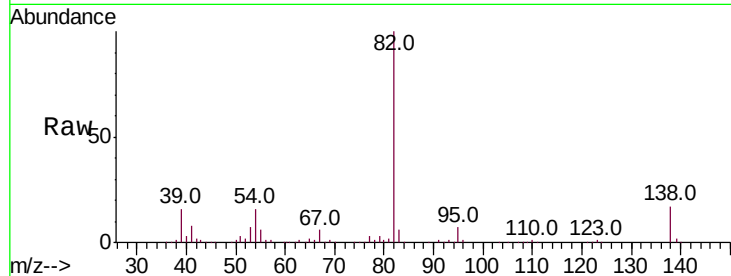
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	569047
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	17.4	13.8	20.8

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#26

2-Nitrophenol

Concen: 29.576 ng

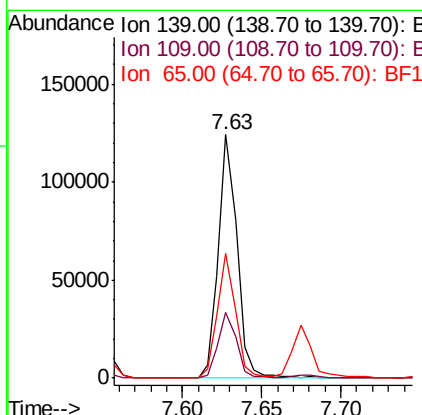
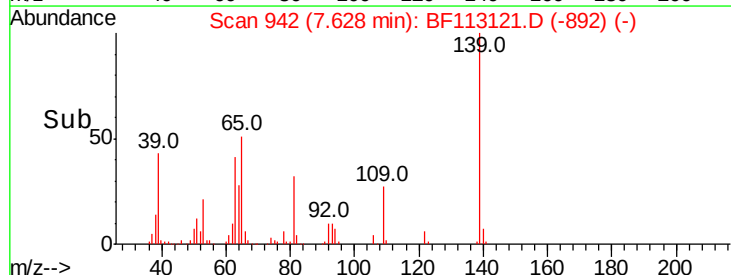
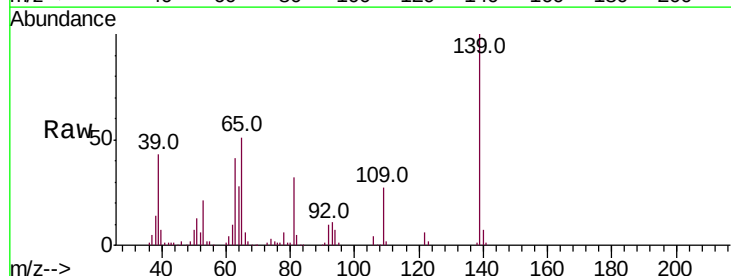
RT: 7.63 min Scan# 942

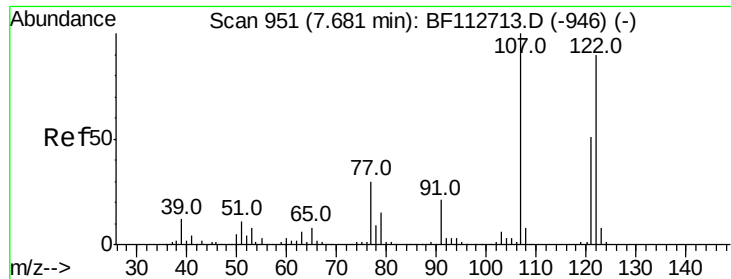
Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Tgt Ion:	139	Resp:	102427
Ion Ratio	Lower	Upper	
139	100		
109	27.0	20.6	31.0
65	51.3	37.9	56.9





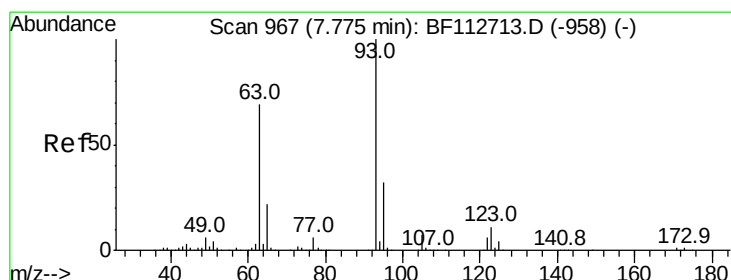
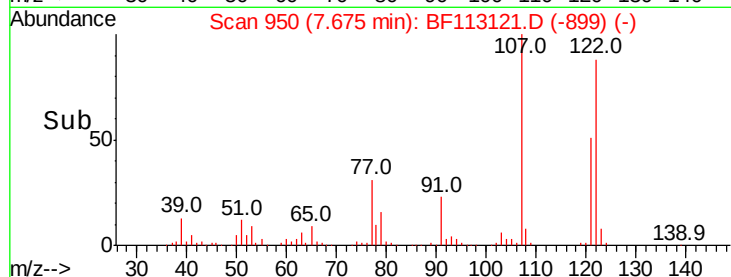
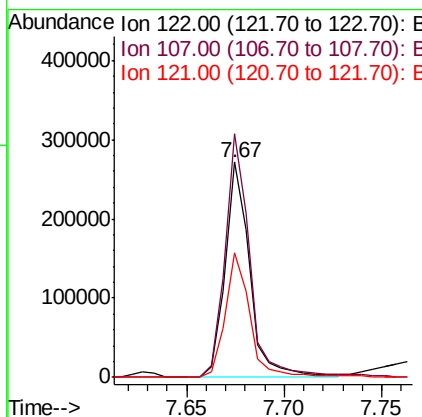
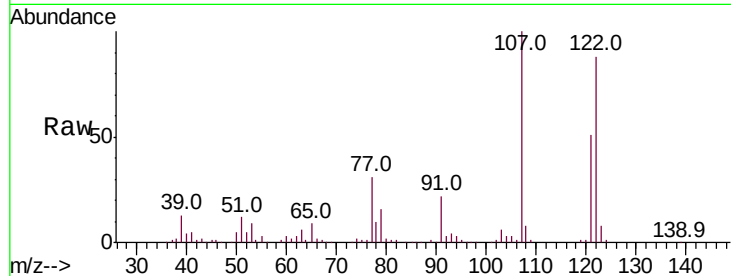
#27
 2,4-Dimethylphenol
 Concen: 37.122 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF113121.D
 Acq: 19 Mar 2019 5:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.2	89.4	134.0
121	58.1	45.5	68.3

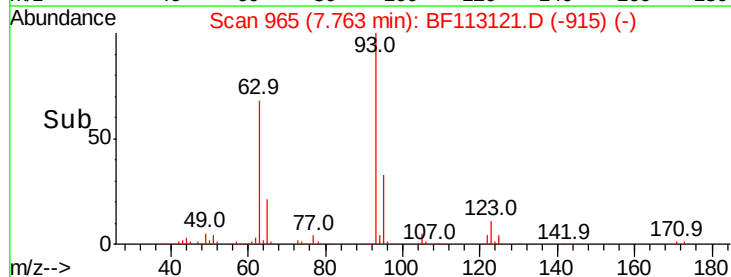
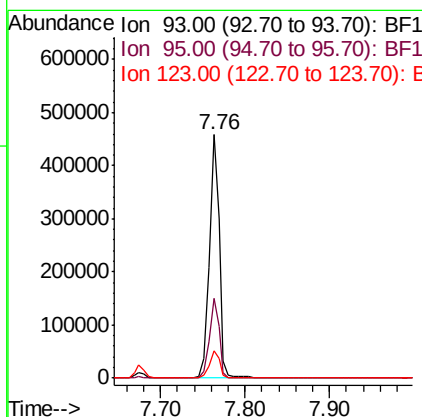
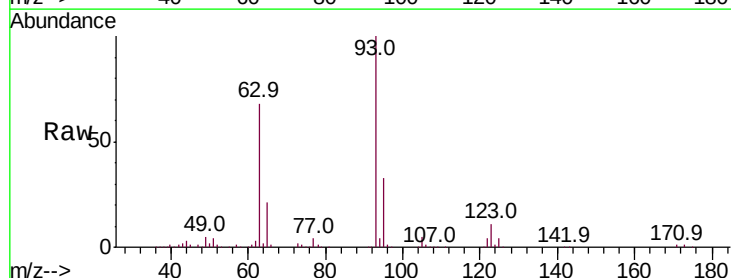
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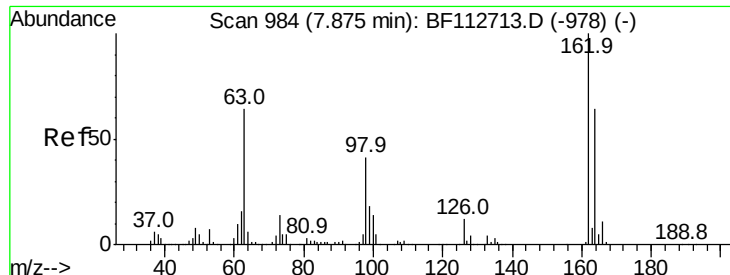
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.432 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF113121.D
 Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	11.1	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 39.736 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

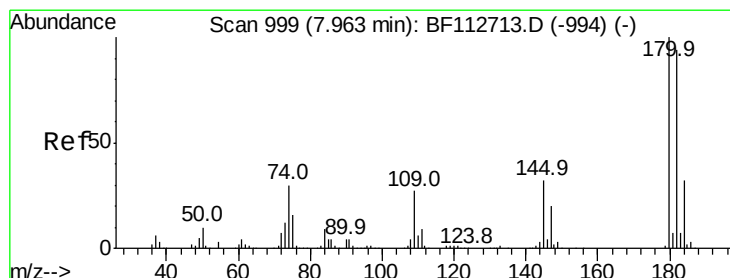
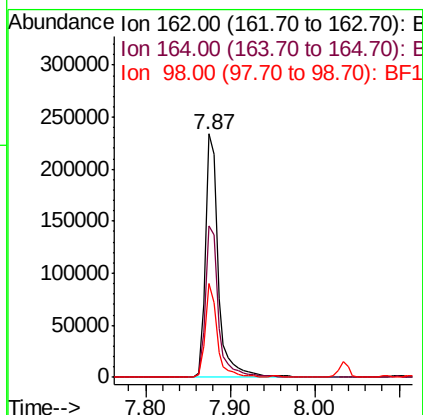
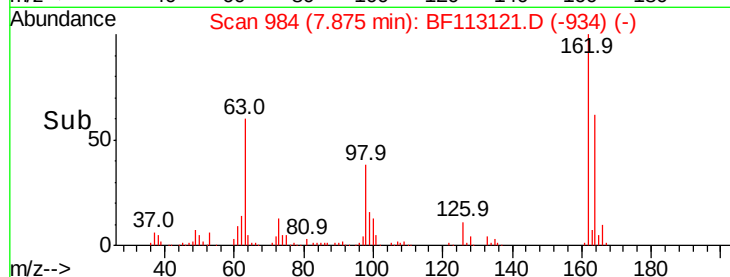
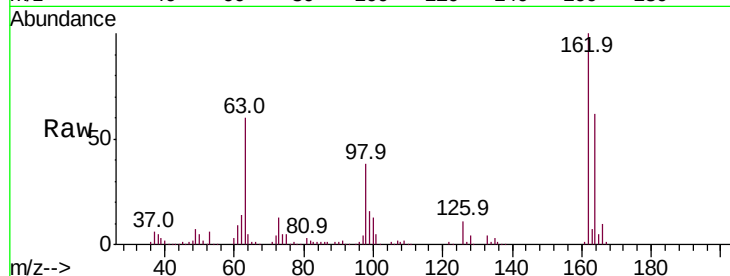
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	248273
Ion Ratio	Lower	Upper	
162	100		
164	62.1	44.0	84.0
98	38.5	20.7	60.7

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#30

1,2,4-Trichlorobenzene

Concen: 42.184 ng

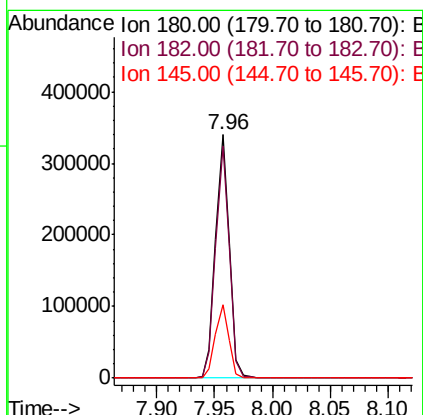
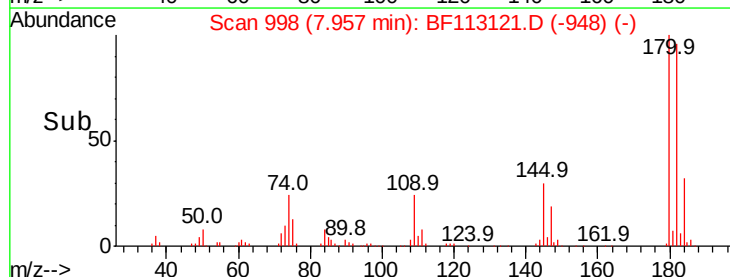
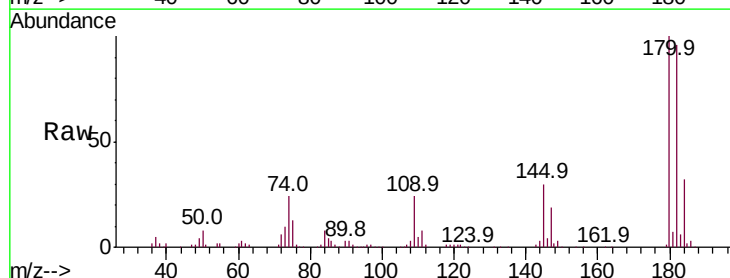
RT: 7.96 min Scan# 998

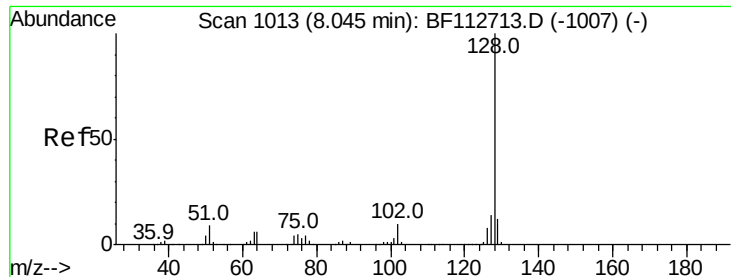
Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Tgt Ion:	180	Resp:	283201
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.2	112.8
145	30.3	25.4	38.0





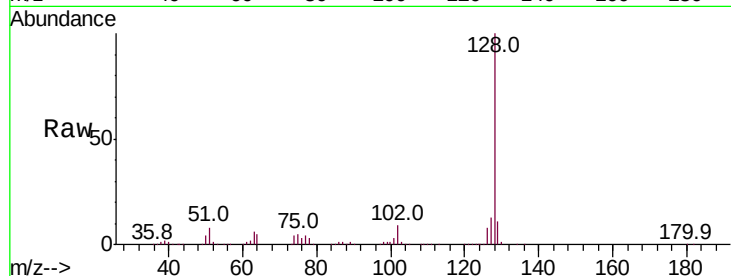
#31
Naphthalene
Concen: 39.035 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

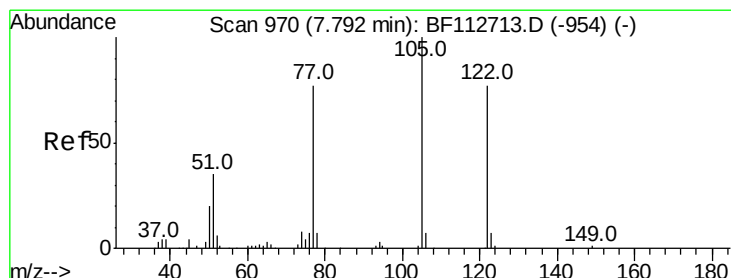
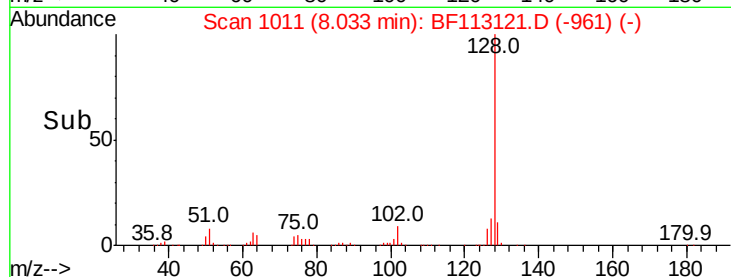
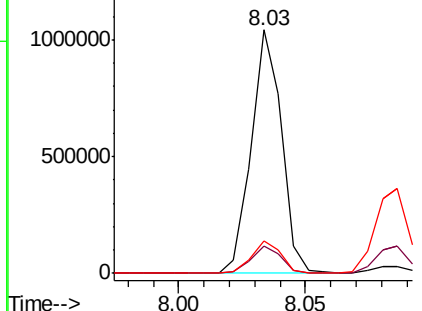
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.3	10.9	16.3

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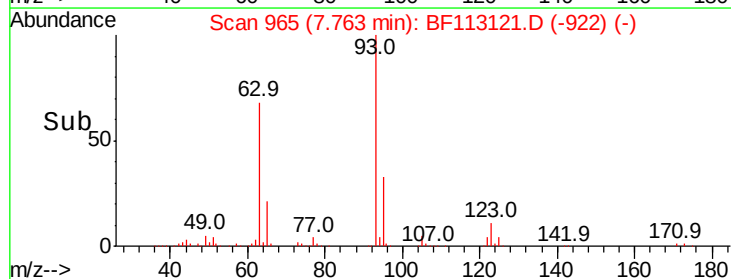
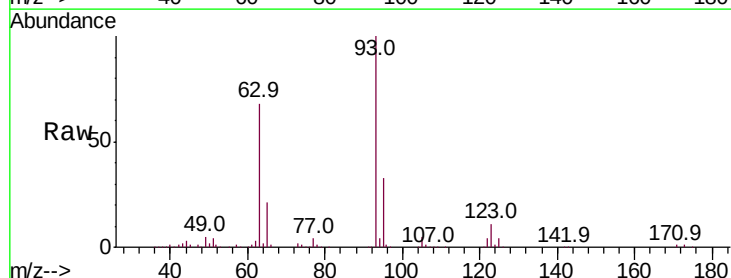
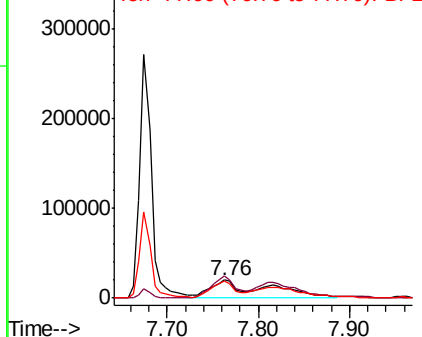
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

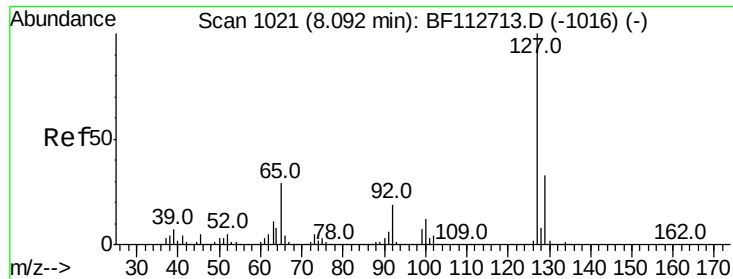


#32
Benzoic acid
Concen: 19.450 ng m
RT: 7.76 min Scan# 965
Delta R.T. -0.05 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	106.8	146.8
77	94.5	79.4	119.4

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





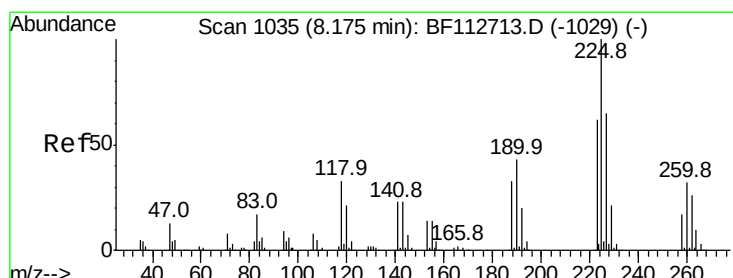
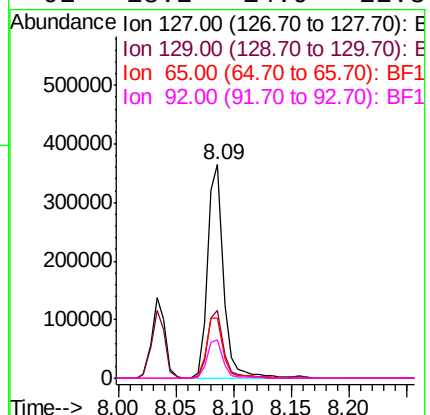
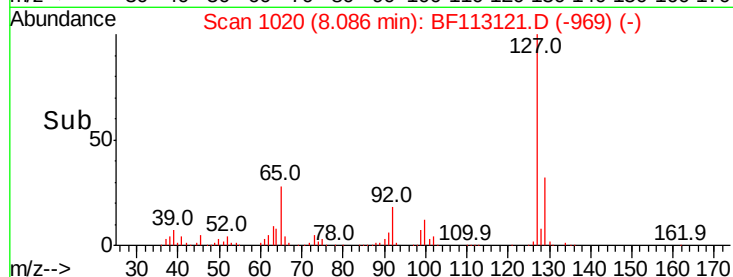
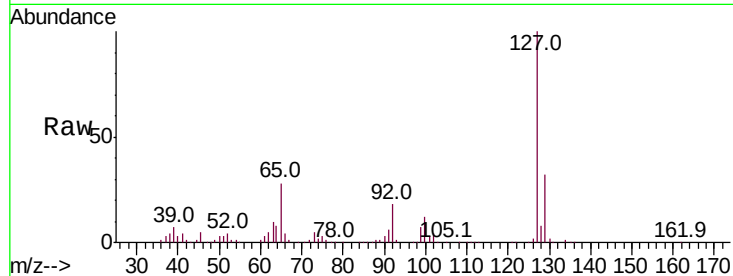
#33
4-Chloroaniline
Concen: 37.608 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.4	39.6	
65	28.3	23.1	34.7	
92	18.2	14.9	22.3	

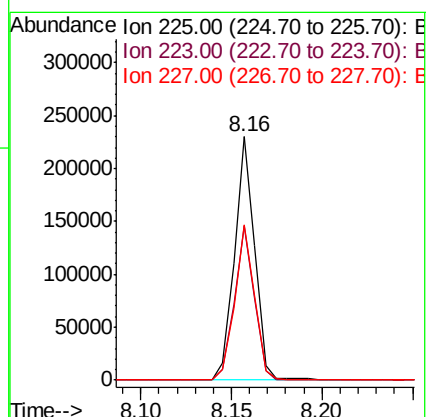
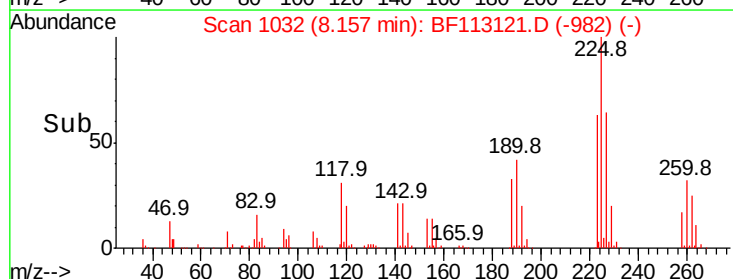
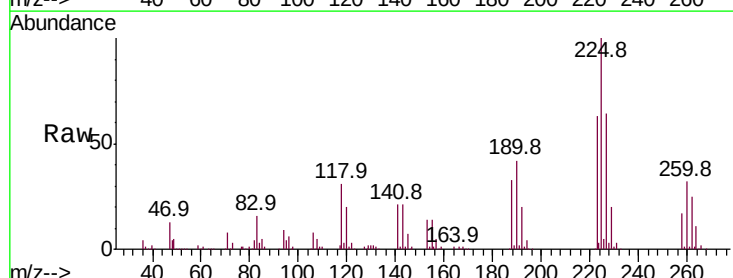
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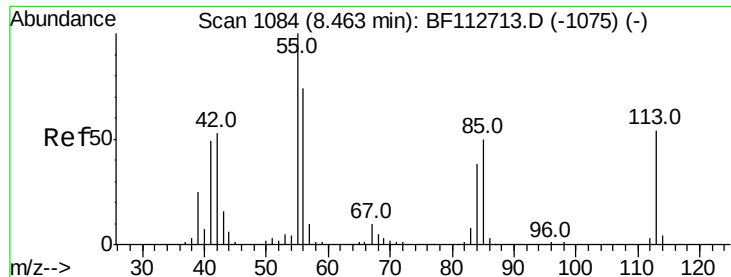
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#34
Hexachlorobutadiene
Concen: 47.147 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	49.7	74.5	
227	63.8	52.1	78.1	





#35

Caprolactam

Concen: 33.064 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 72761

Ion Ratio Lower Upper

113 100

55 176.7 163.5 203.5

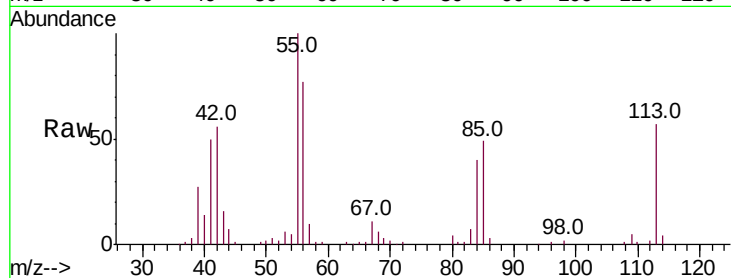
56 136.7 115.3 155.3

Manual Integrations

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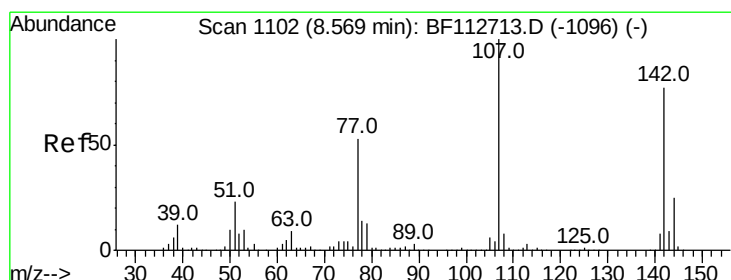
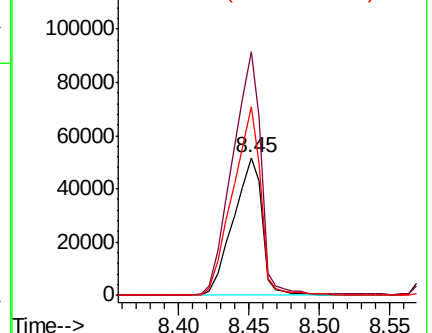
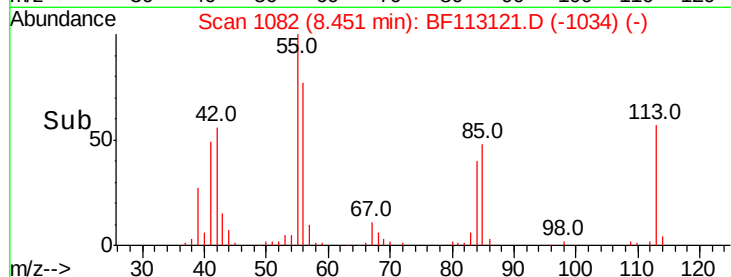
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.855 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

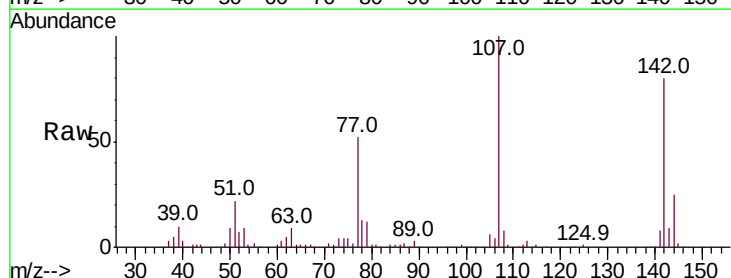
Tgt Ion:107 Resp: 247924

Ion Ratio Lower Upper

107 100

144 25.0 20.1 30.1

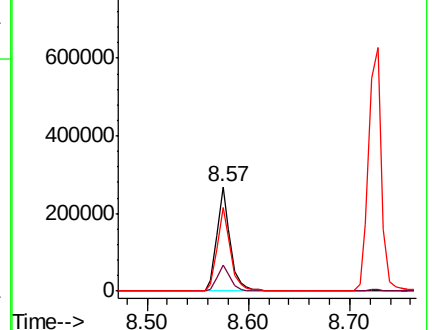
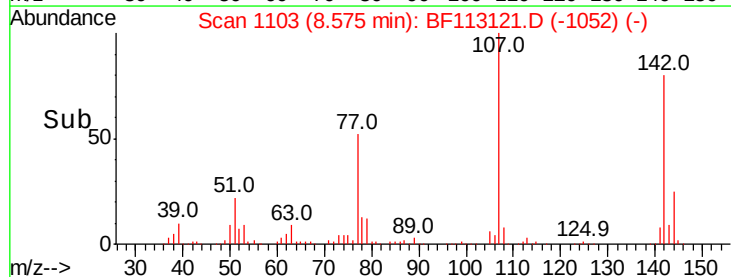
142 79.8 61.9 92.9

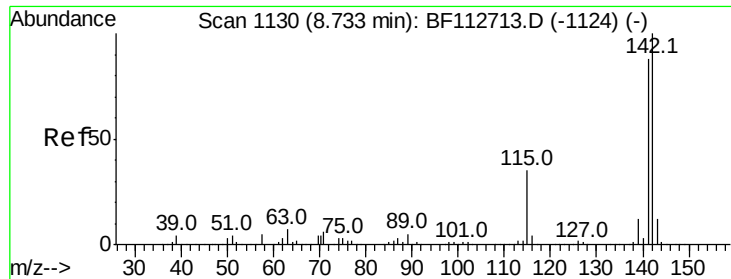


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





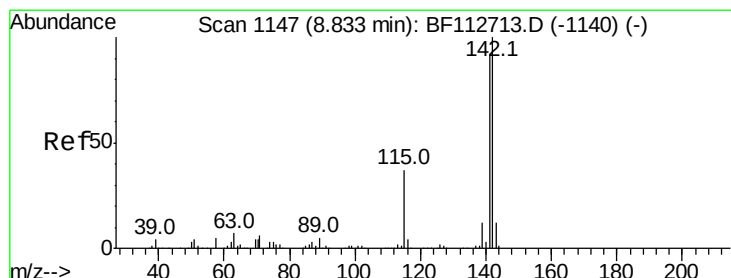
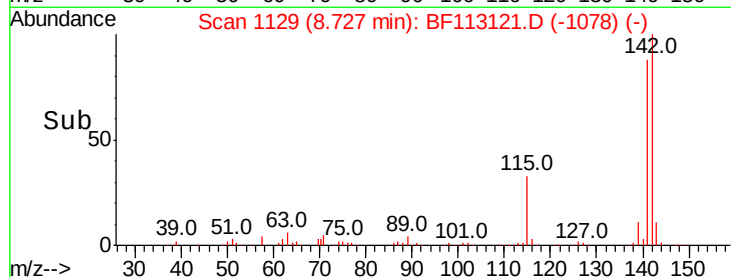
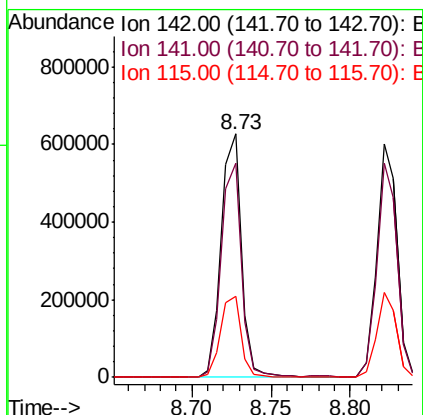
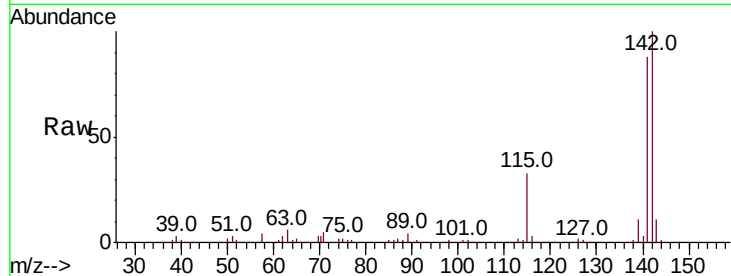
#37
2-Methylnaphthalene
Concen: 39.075 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
142	100	560352		
141	87.7	70.3	105.5	
115	33.1	27.8	41.6	

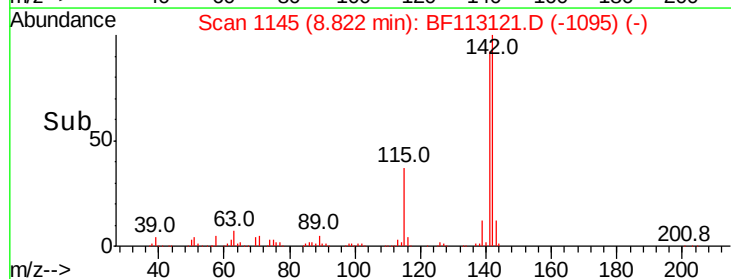
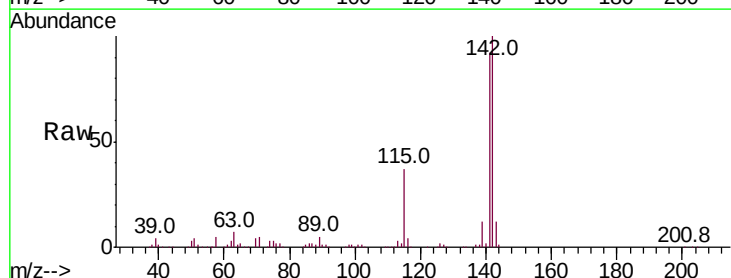
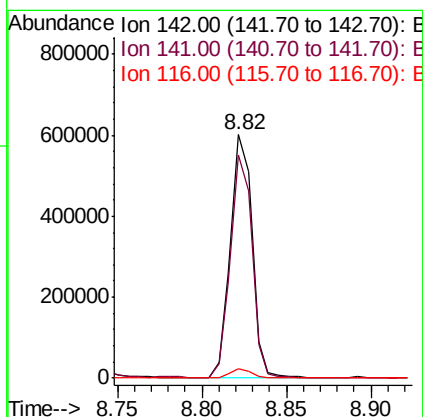
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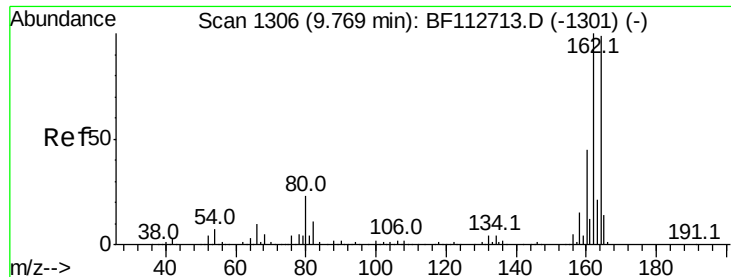
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#38
1-Methylnaphthalene
Concen: 38.659 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	537036		
141	91.6	73.7	110.5	
116	3.9	3.1	4.7	





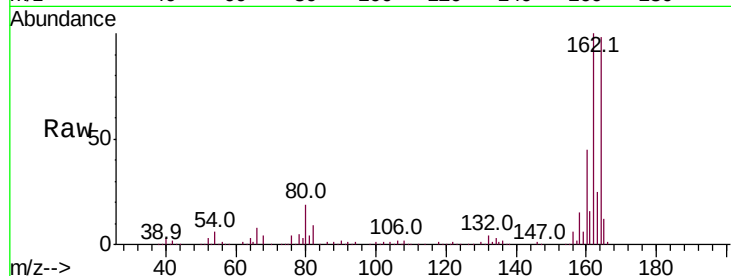
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	45.8	36.0	54.0

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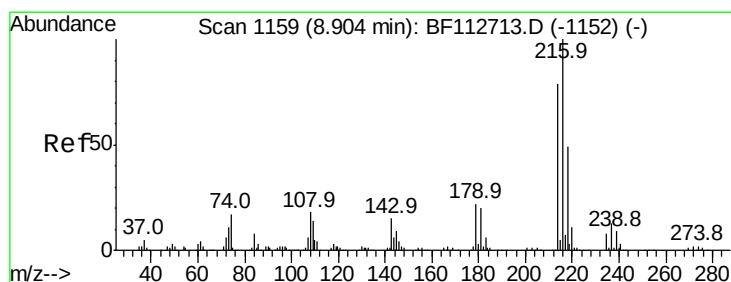
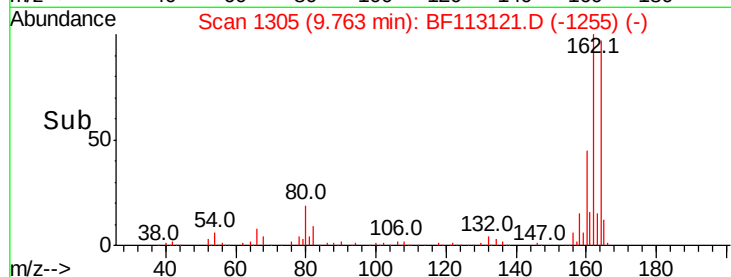
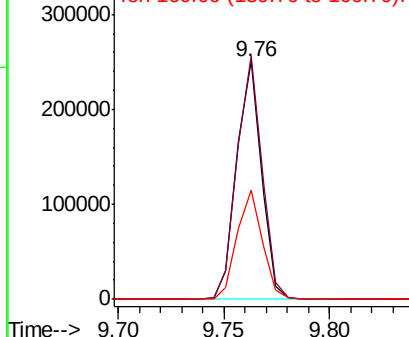


Abundance

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



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.384 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.2	94.8
179	20.6	17.5	26.3
108	16.4	16.7	25.1#

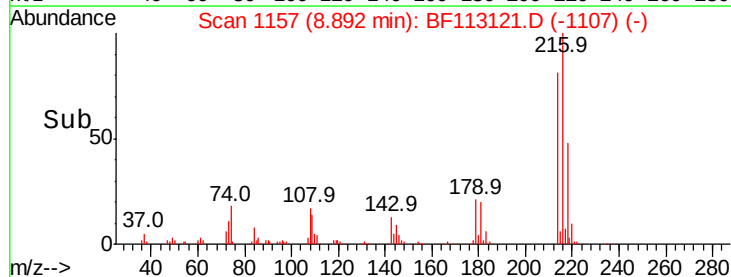
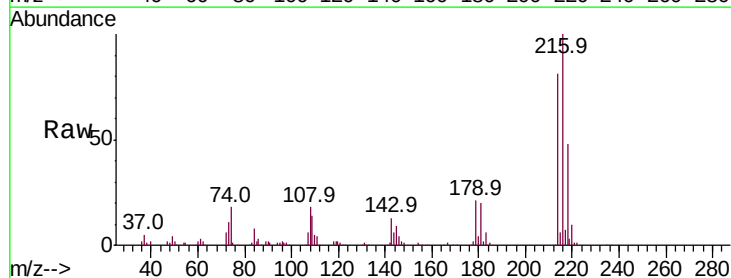
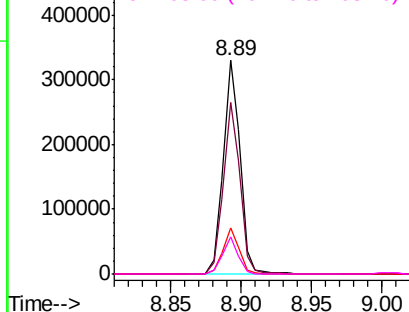
Abundance

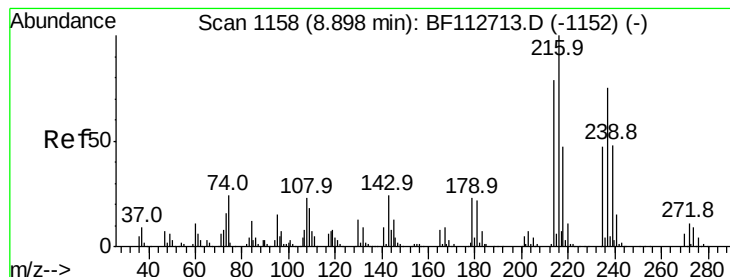
Ion 216.00 (215.70 to 216.70): E

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: 2.351 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

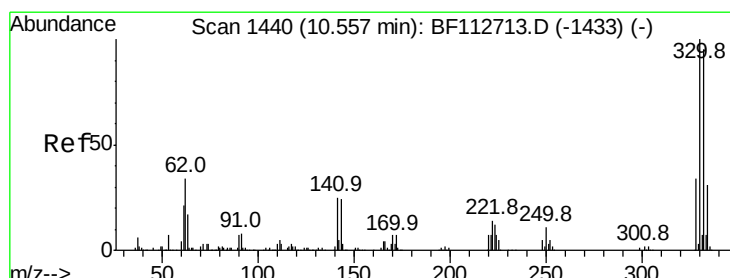
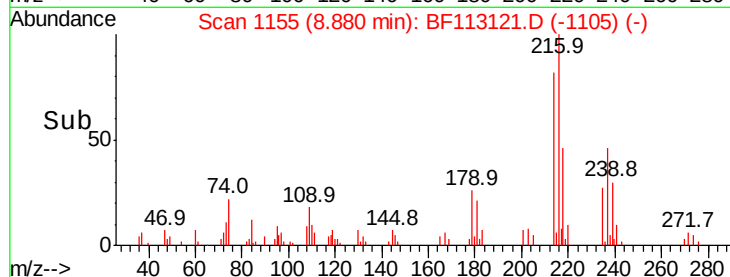
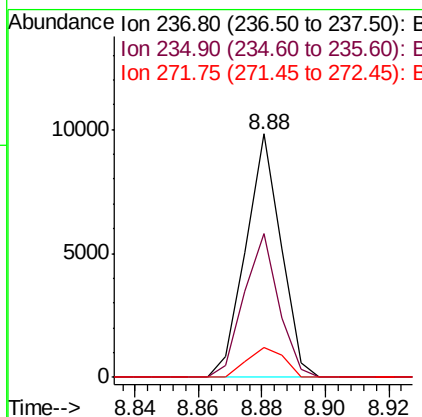
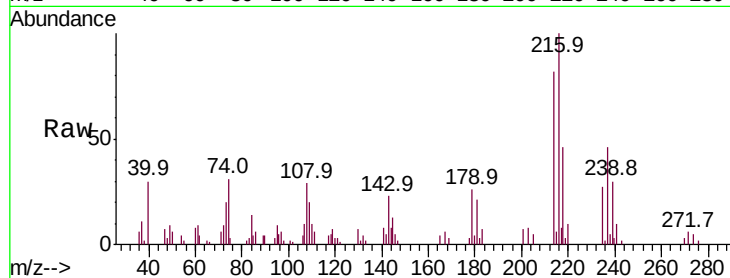
ClientSampleId :

SSTDCCC040EC

Tot Ion:	237	Resp:	7579
Ion Ratio	Lower	Upper	
237	100		
235	59.2	42.2	82.2
272	12.5	0.0	34.0

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#42

2,4,6-Tribromophenol

Concen: 85.972 ng

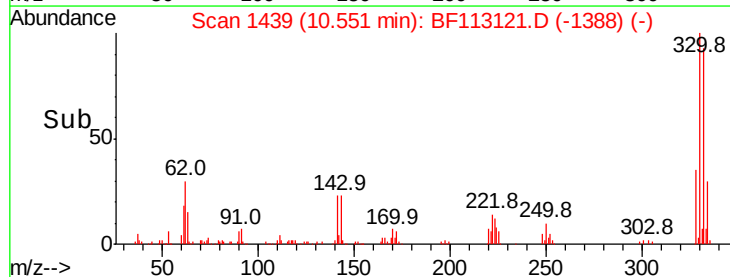
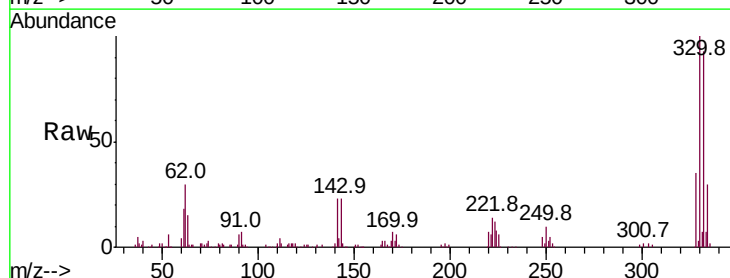
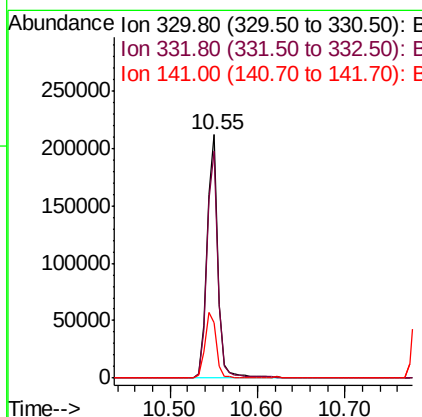
RT: 10.55 min Scan# 1439

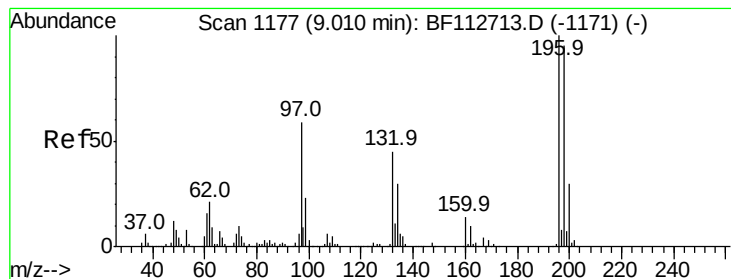
Delta R.T. -0.00 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Tgt Ion:	330	Resp:	184277
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.2	114.4
141	28.1	27.0	40.6





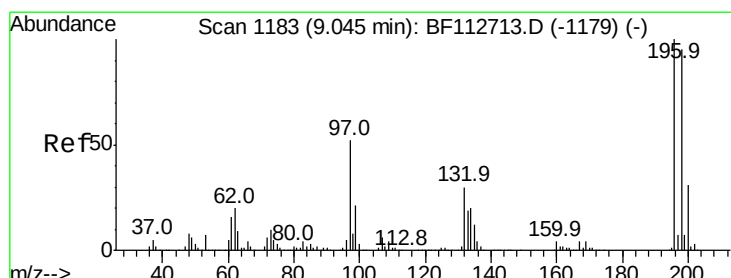
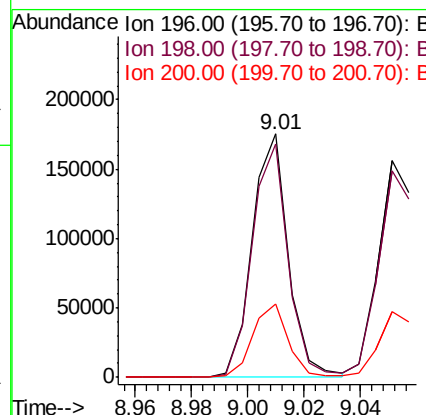
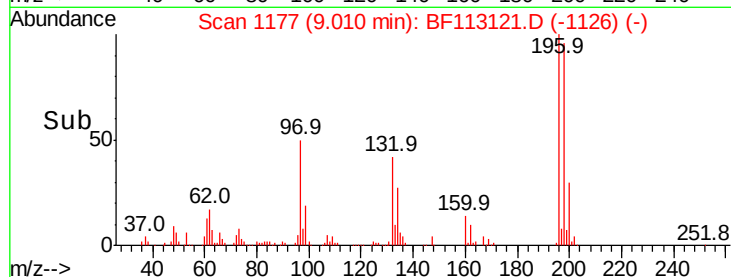
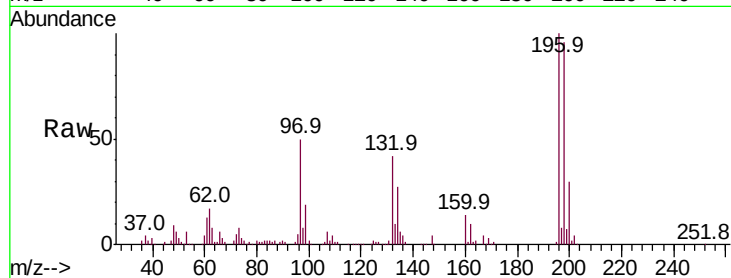
#43
 2,4,6-Trichlorophenol
 Concen: 38.350 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF113121.D
 Acq: 19 Mar 2019 5:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	155396		
198	96.1	75.8	113.8	
200	30.0	24.3	36.5	

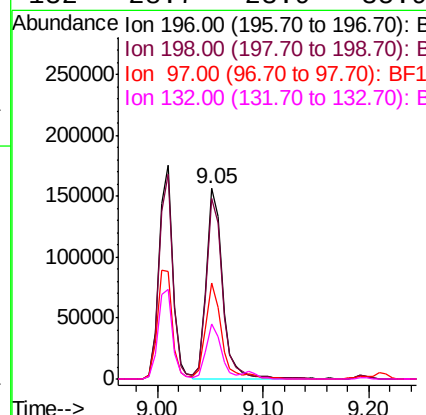
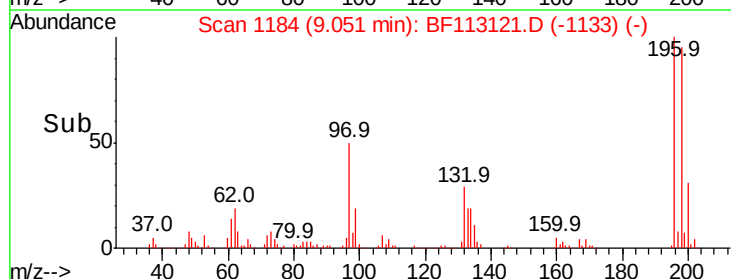
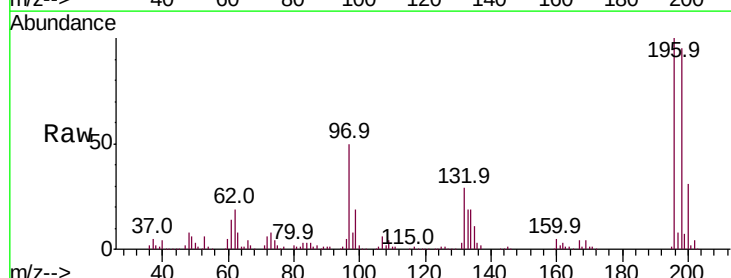
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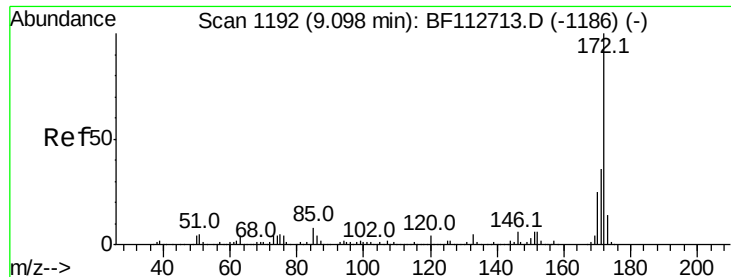
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#44
 2,4,5-Trichlorophenol
 Concen: 38.434 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF113121.D
 Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168335		
198	95.1	76.2	114.2	
97	50.5	41.5	62.3	
132	28.7	23.9	35.9	





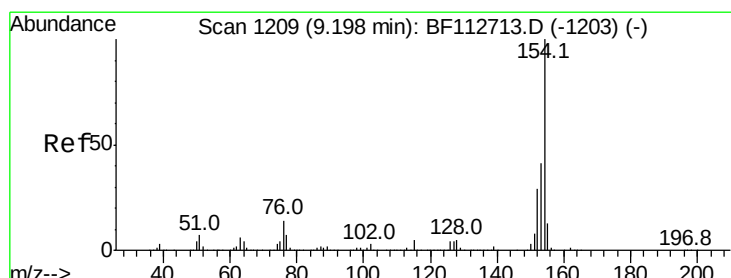
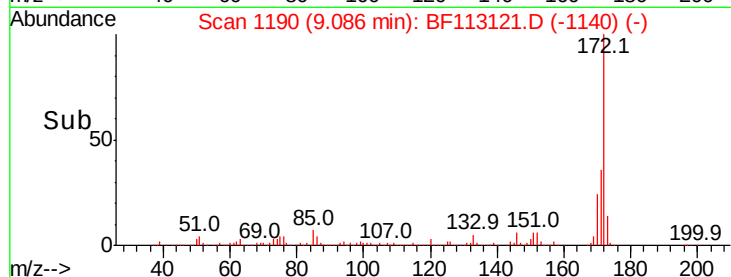
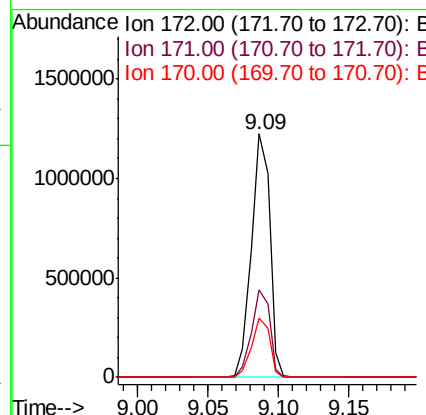
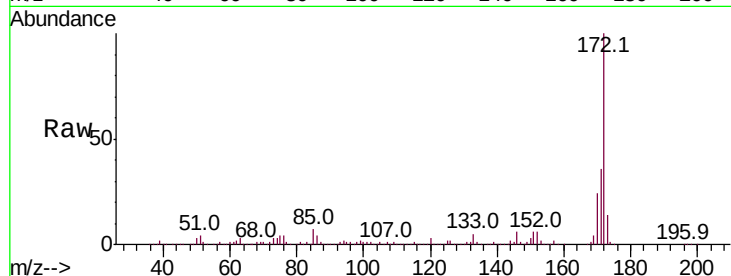
#45
2-Fluorobiphenyl
Concen: 95.714 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.4	20.0	30.0

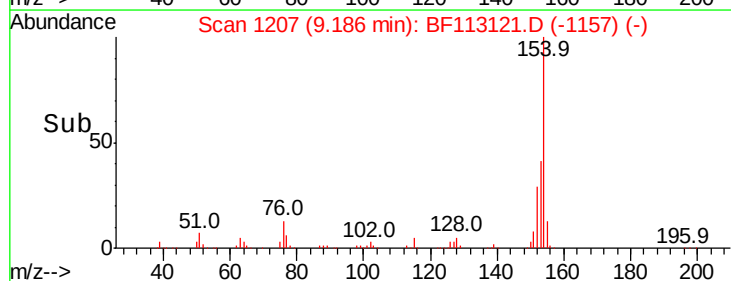
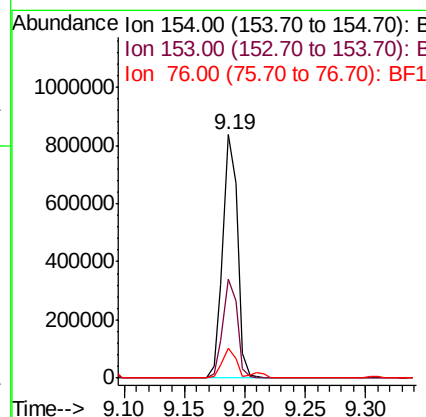
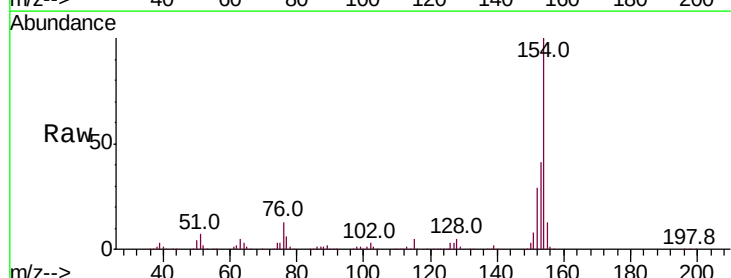
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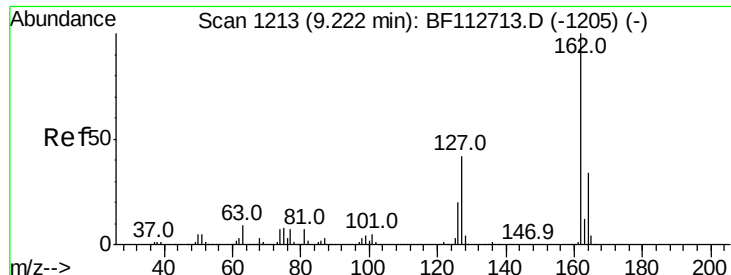
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#46
1,1'-Biphenyl
Concen: 42.350 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	12.5	0.0	33.8





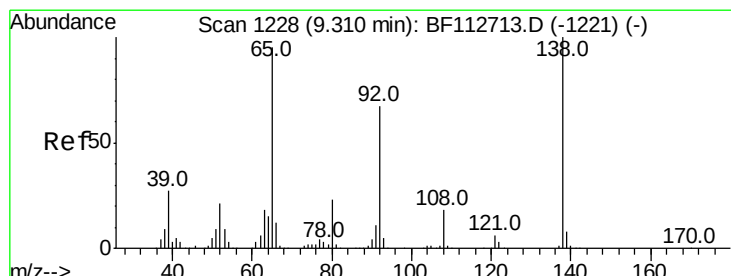
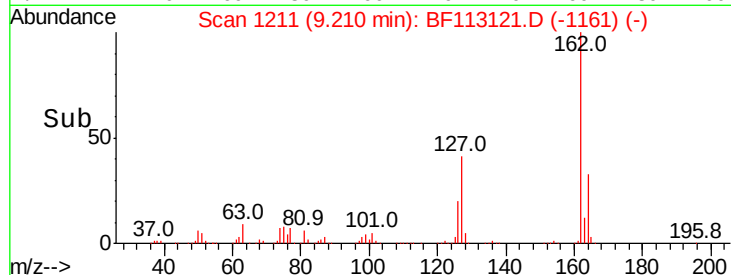
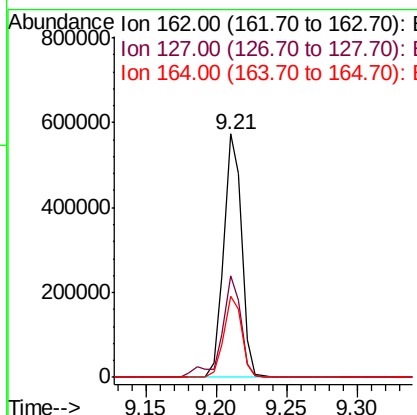
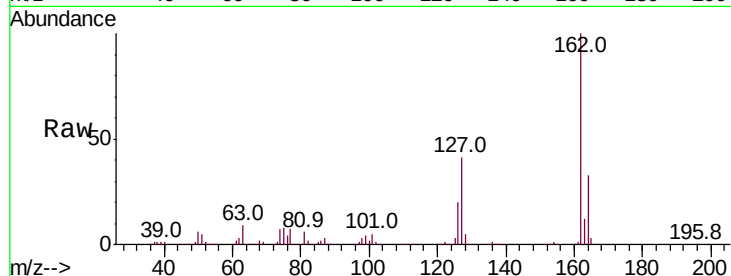
#47
 2-Chloronaphthalene
 Concen: 39.364 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF113121.D
 Acq: 19 Mar 2019 5:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	162	Resp:	506188
Ion Ratio	Lower	Upper	
162	100		
127	41.5	33.4	50.2
164	33.2	26.9	40.3

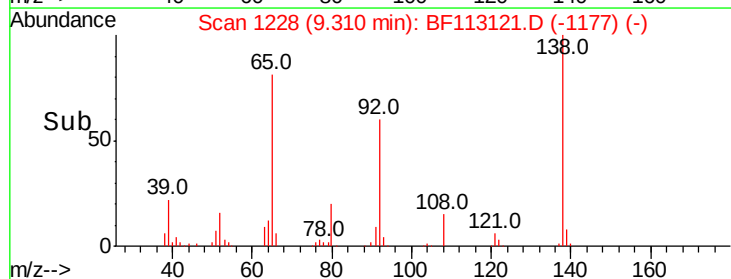
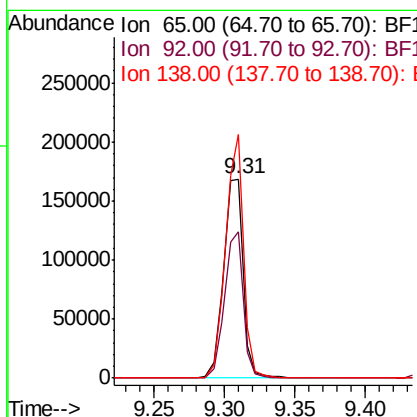
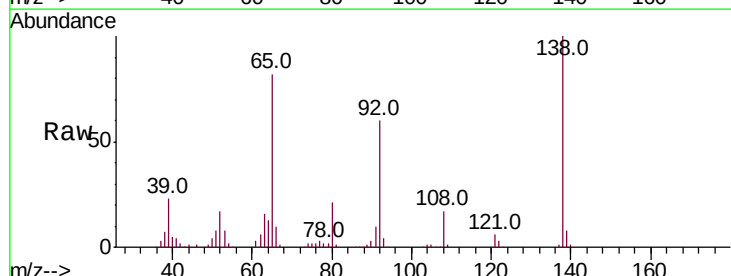
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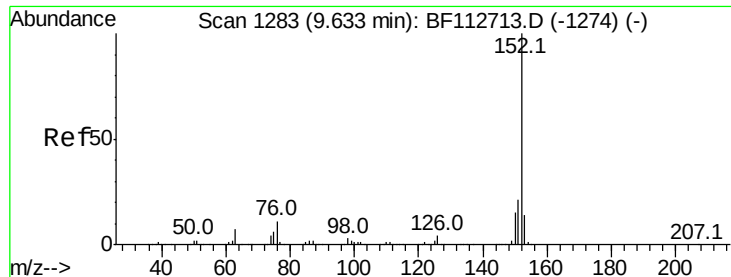
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#48
 2-Nitroaniline
 Concen: 41.574 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF113121.D
 Acq: 19 Mar 2019 5:57

Tgt Ion:	65	Resp:	162494
Ion Ratio	Lower	Upper	
65	100		
92	73.8	56.4	84.6
138	122.4	84.6	126.8





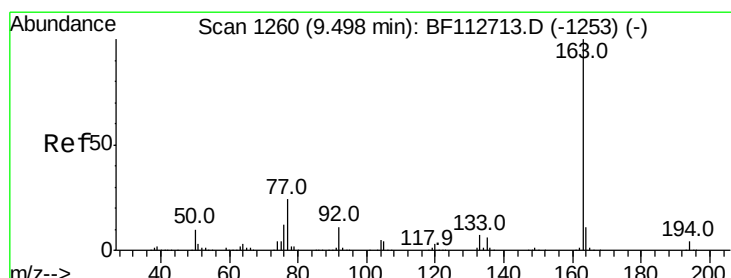
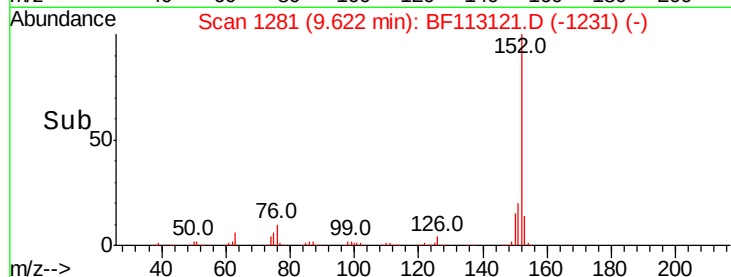
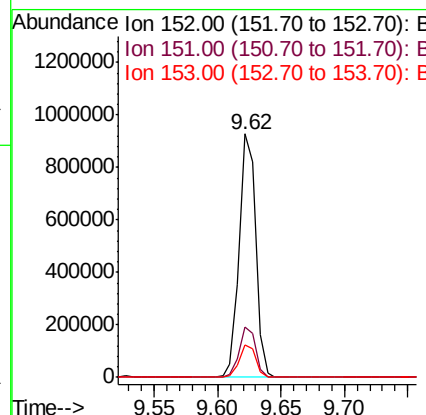
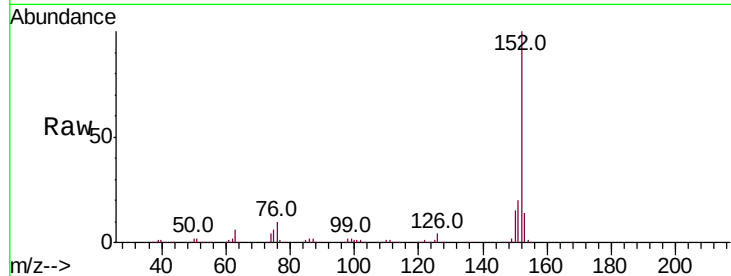
#49
Acenaphthylene
Concen: 37.980 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
152	100	829115		
151	20.5		16.9	25.3
153	13.6		11.0	16.6

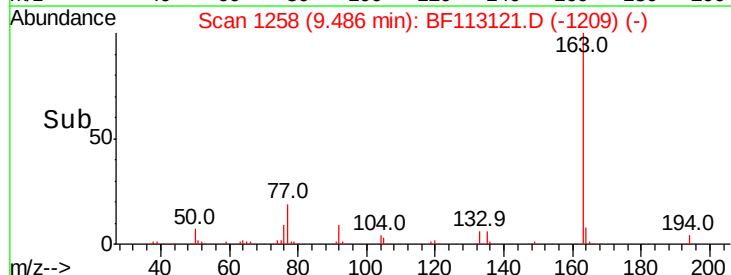
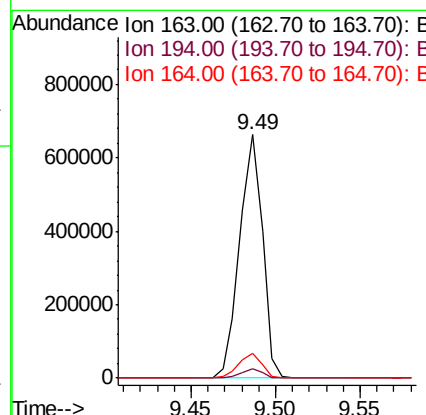
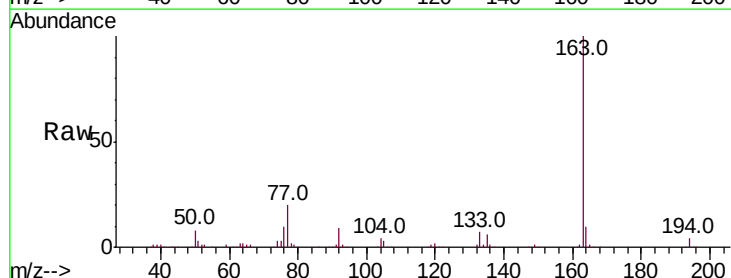
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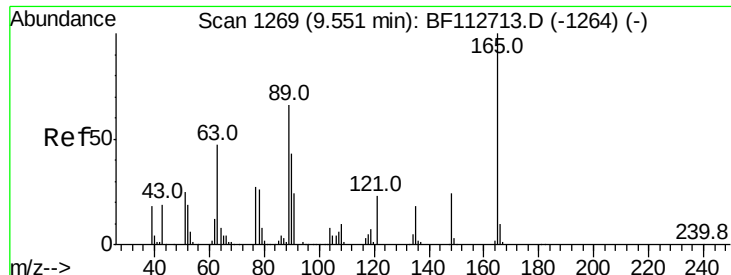
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#50
Dimethylphthalate
Concen: 41.966 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	624759		
194	3.9		3.0	4.4
164	10.1		8.4	12.6





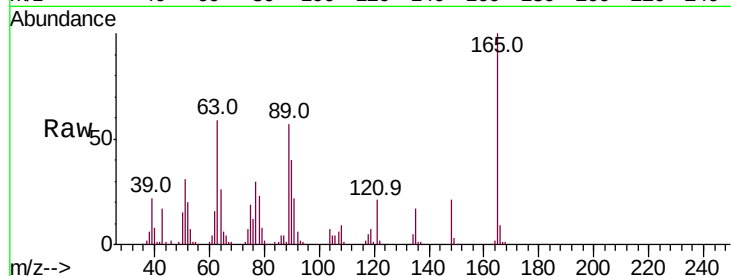
#51
 2,6-Dinitrotoluene
 Concen: 39.108 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF113121.D
 Acq: 19 Mar 2019 5:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

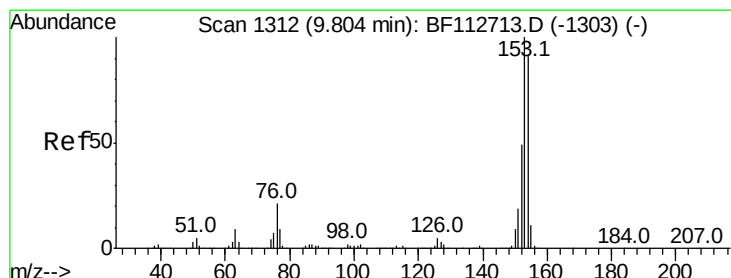
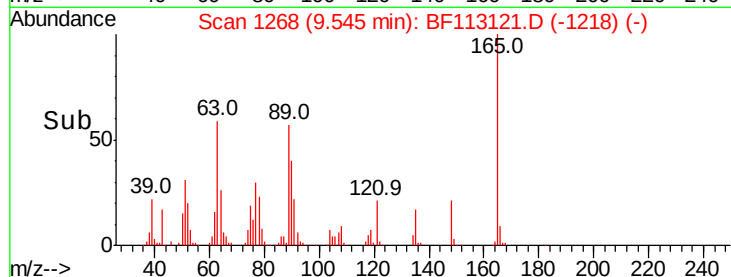
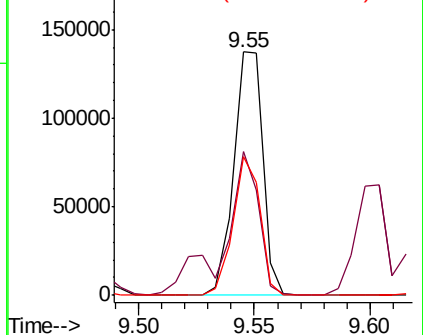
Tot Ion	Ratio	Resp	Lower	Upper
165	100	121241		
63	59.2	54.1	81.1	
89	57.1	52.8	79.2	

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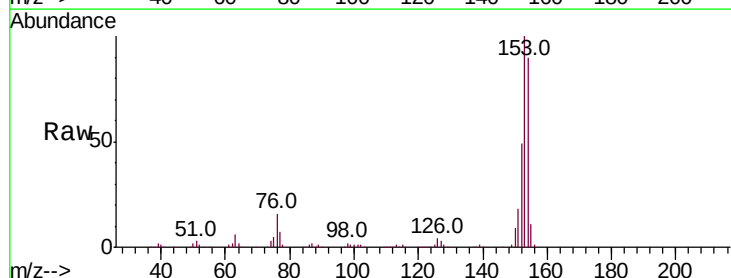


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

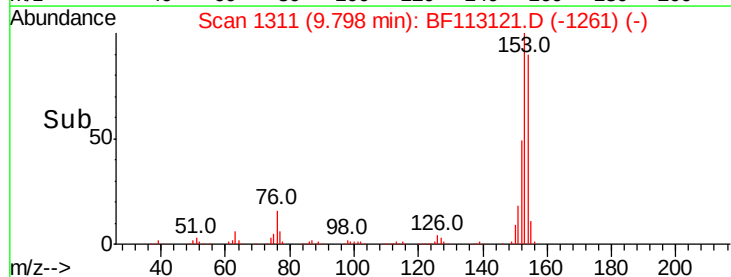
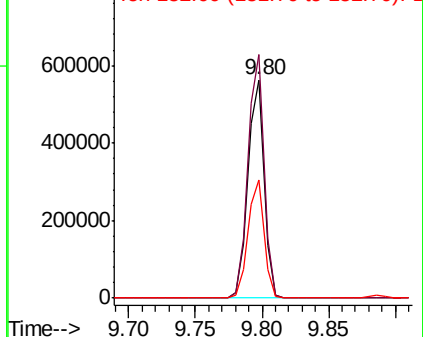


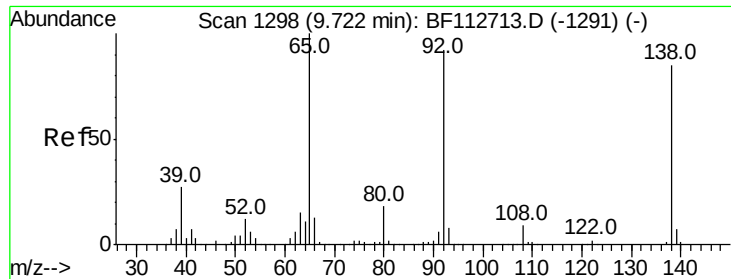
#52
 Acenaphthene
 Concen: 36.365 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF113121.D
 Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	464247		
153	111.5	87.8	131.8	
152	54.4	43.0	64.6	



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





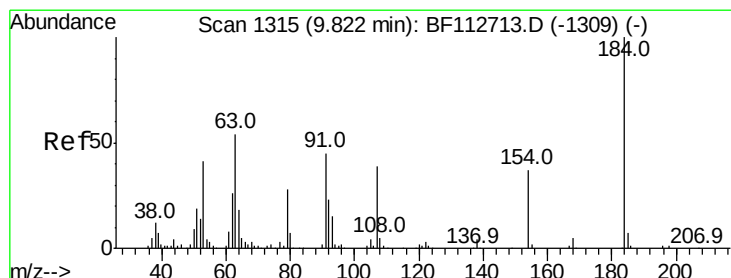
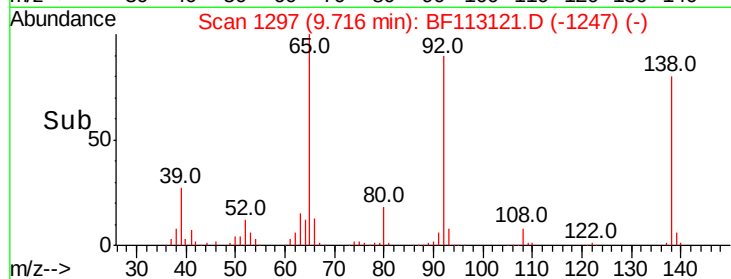
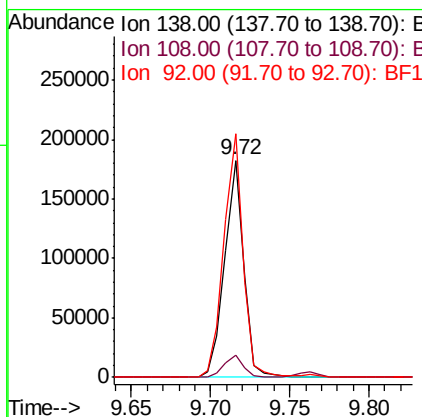
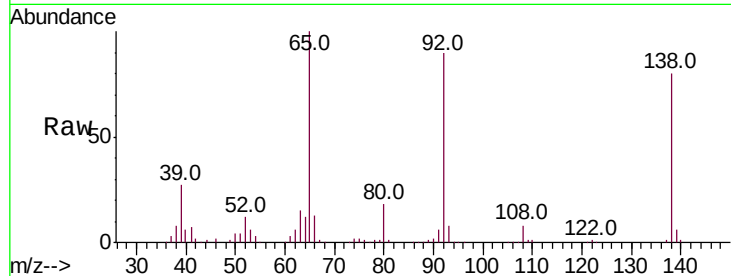
#53
3-Nitroaniline
Concen: 40.693 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.6	13.0
92	112.2	86.6	129.8

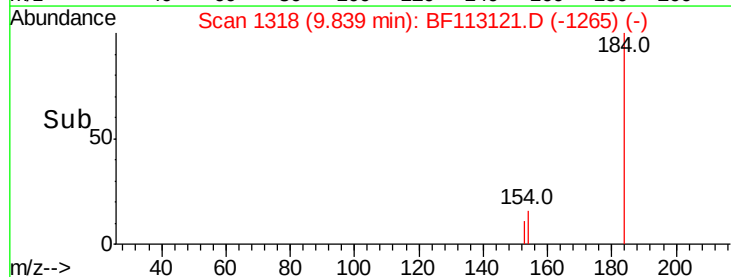
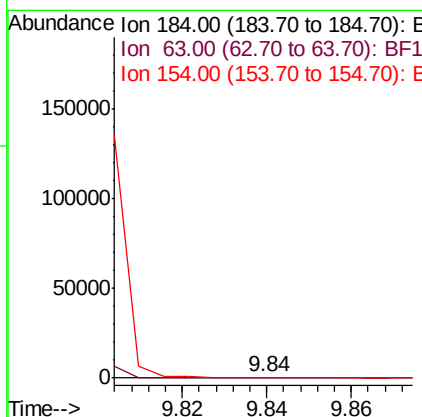
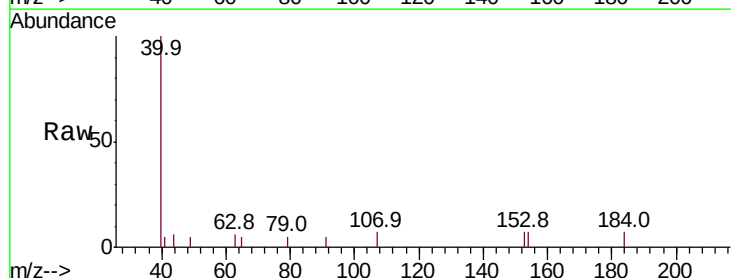
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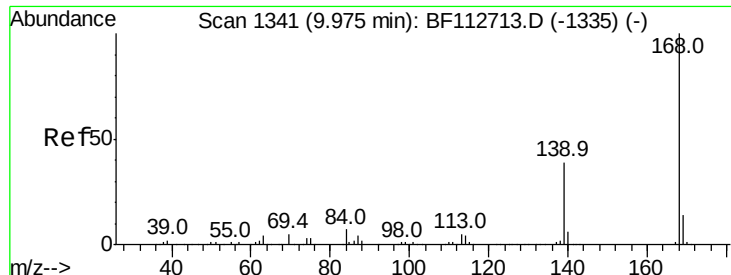
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#54
2,4-Dinitrophenol
Concen: 6.736 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	90.2	45.3	67.9#
154	102.9	46.0	69.0#





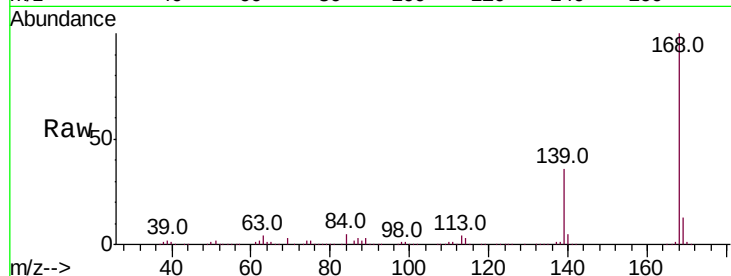
#55
Dibenzofuran
Concen: 38.298 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.1	31.3	46.9	
169	13.1	11.3	16.9	

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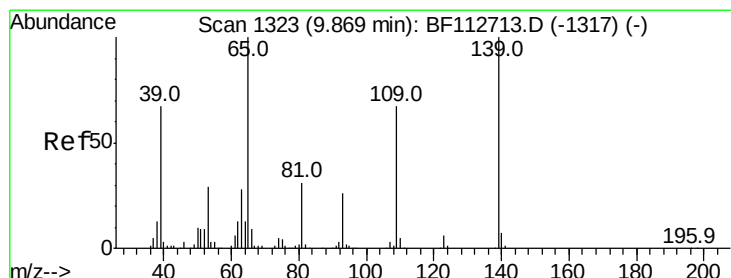
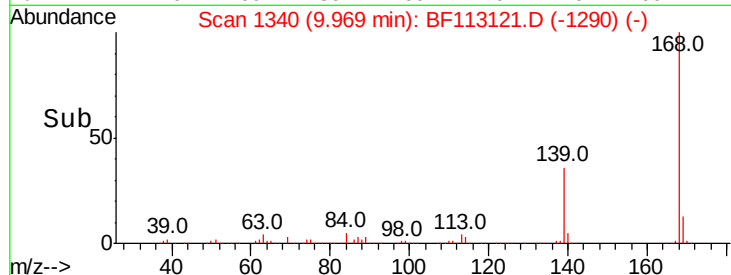
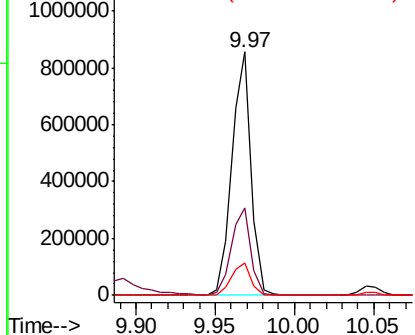


Abundance

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



#56
4-Nitrophenol
Concen: 28.120 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

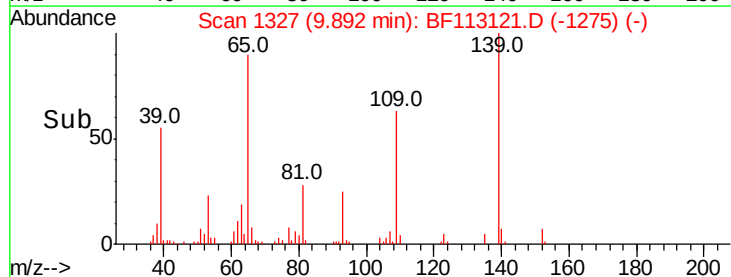
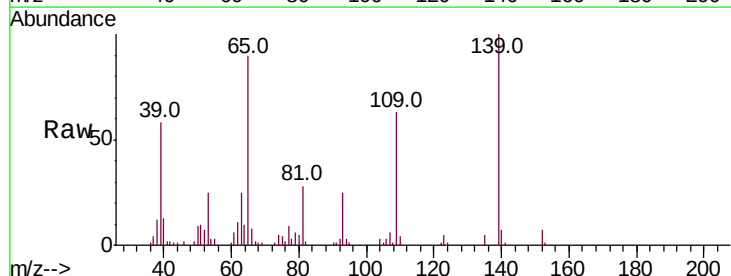
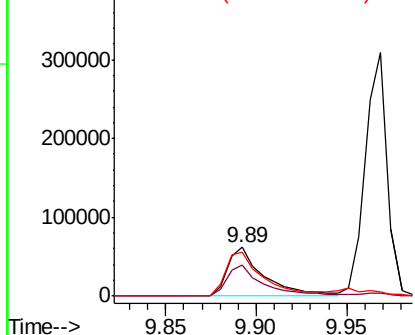
Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.5	46.8	86.8	
65	90.0	80.7	120.7	

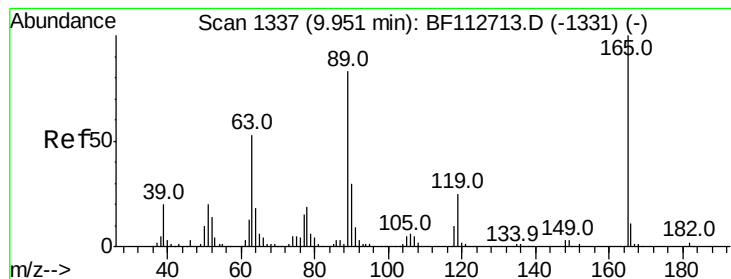
Abundance

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: 37.529 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

ClientSampleId :

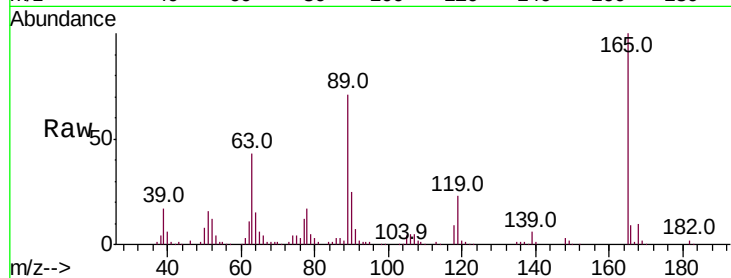
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	144621		
63	43.1	42.2	63.2	
89	71.2	66.2	99.4	
182	2.5	1.8	2.6	

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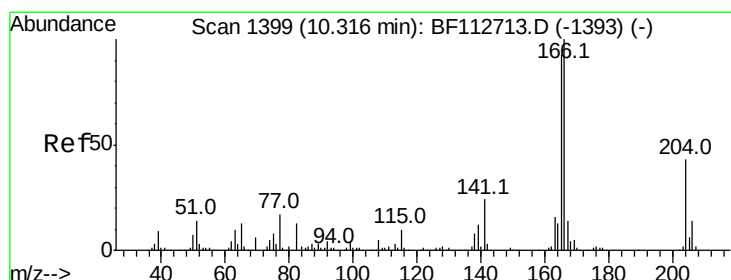
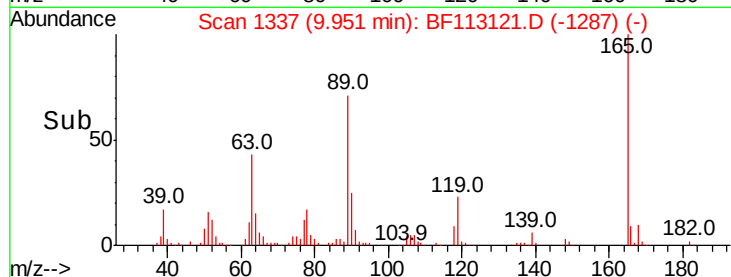
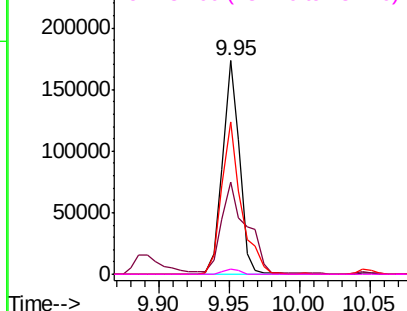
Abundance

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



#58

Fluorene

Concen: 39.125 ng

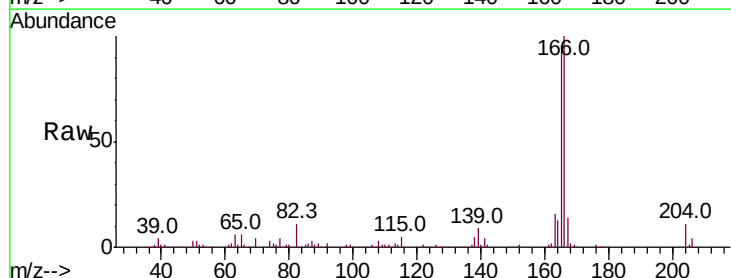
RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	515239		
165	95.6	74.7	112.1	
167	13.9	11.0	16.6	

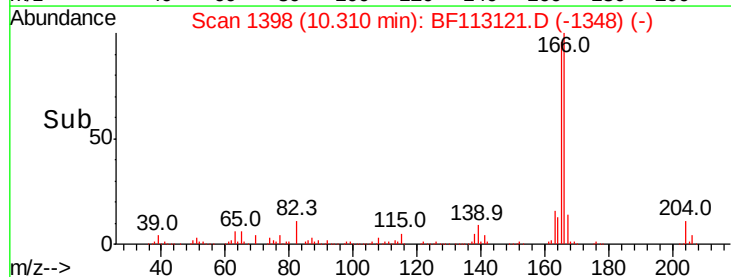
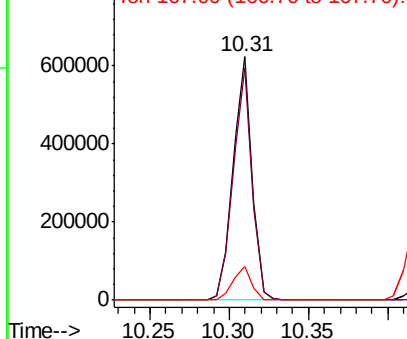


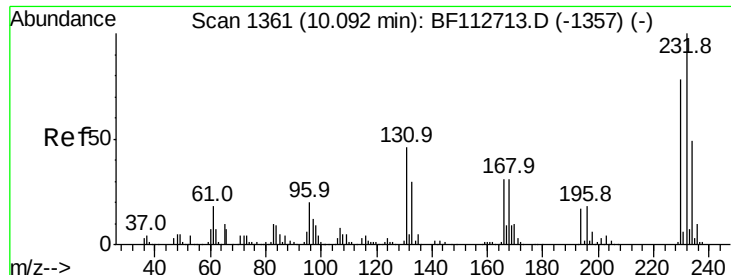
Abundance

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





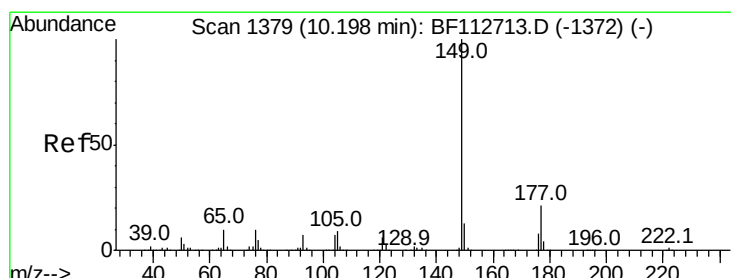
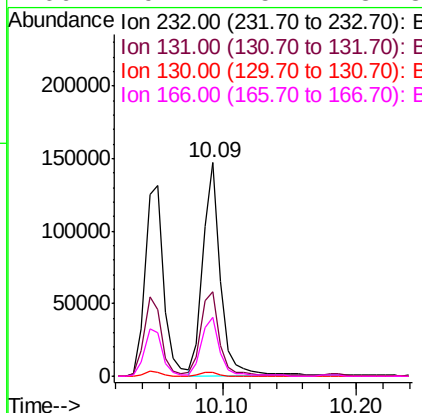
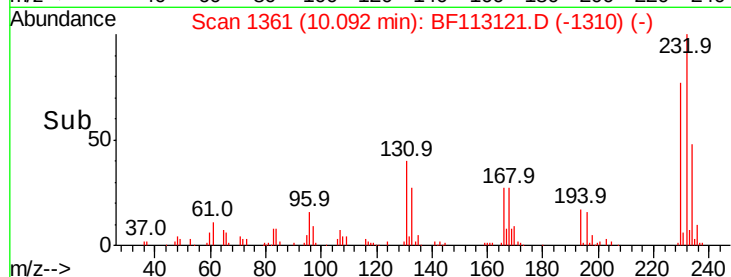
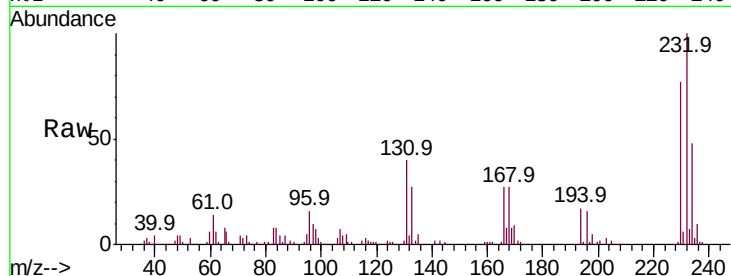
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.791 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF113121.D
 Acq: 19 Mar 2019 5:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
232	100	134252		
131	43.3	38.7	58.1	
130	1.9	1.9	2.9	
166	29.4	25.2	37.8	

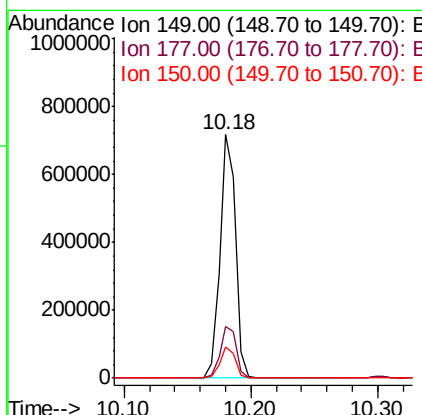
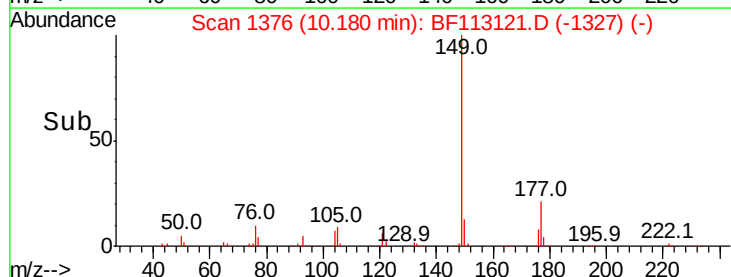
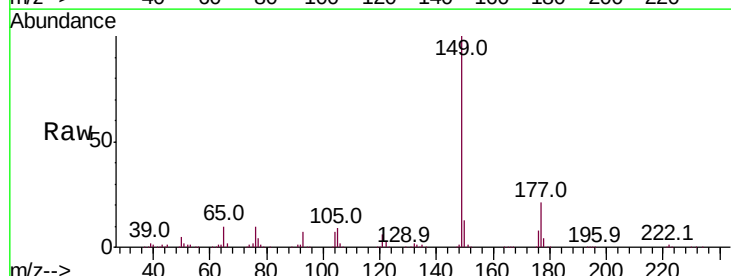
Manual Integrations
 APPROVED

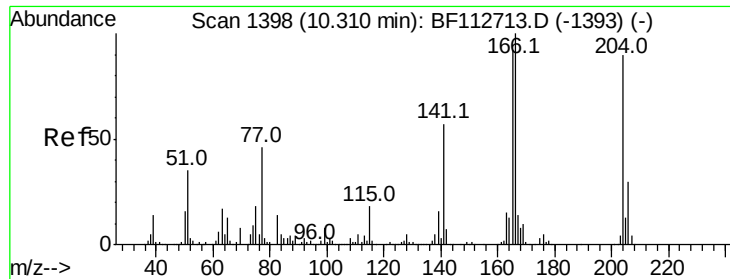
Sohil
 3/20/2019 6:46:27 PM



#60
 Diethylphthalate
 Concen: 39.332 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF113121.D
 Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	618435		
177	21.3	17.0	25.6	
150	12.7	10.0	15.0	





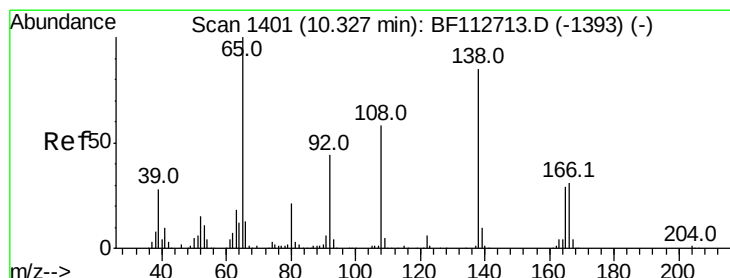
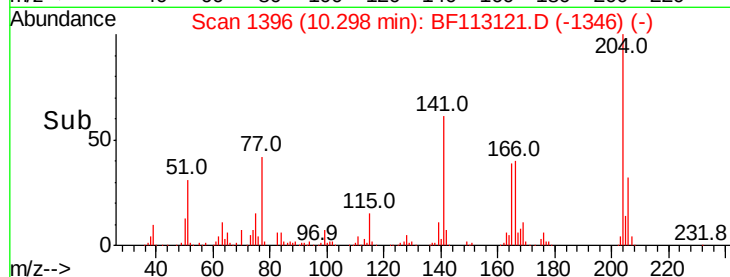
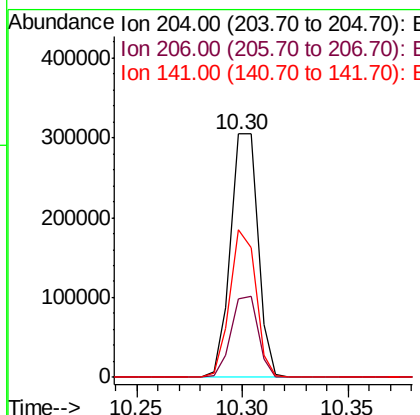
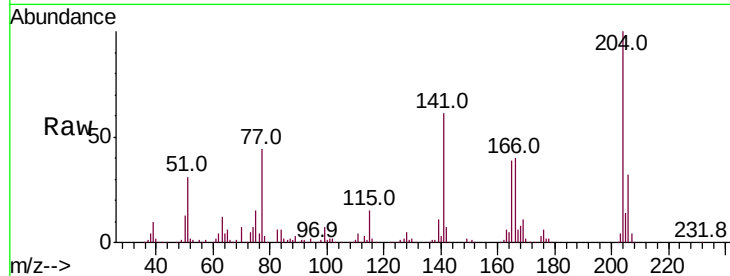
#61
4-Chlorophenyl-phenylether
Concen: 44.690 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	40.0
141	60.8	50.8	76.2

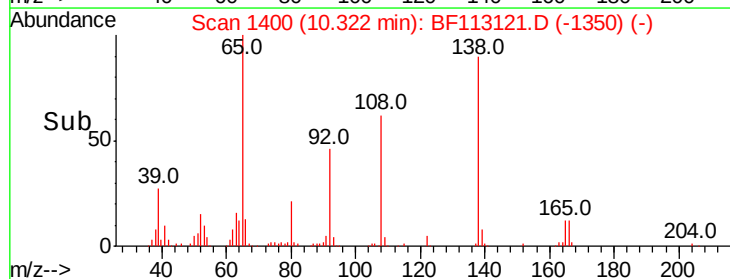
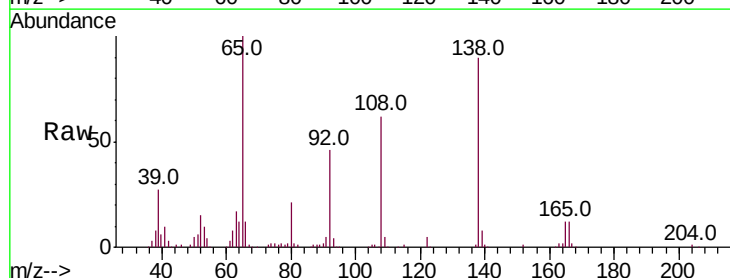
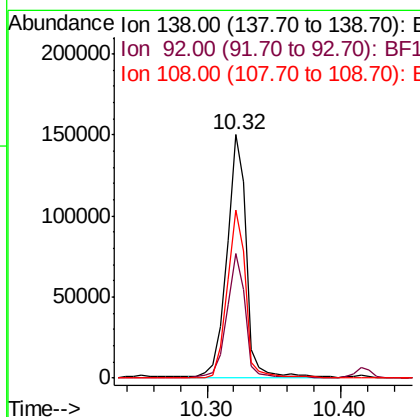
Manual Integrations
APPROVED

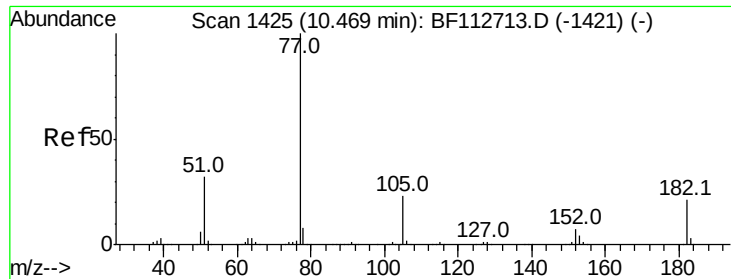
Sohil
3/20/2019 6:46:27 PM



#62
4-Nitroaniline
Concen: 43.702 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	31.3	71.3
108	68.9	48.1	88.1





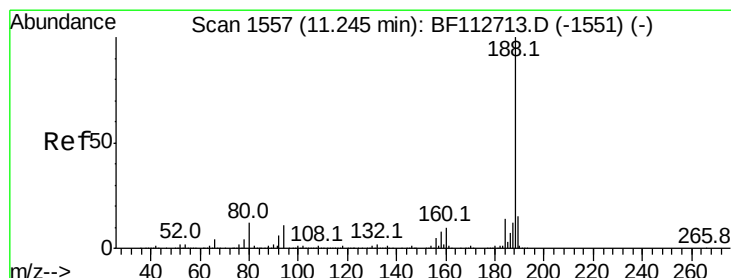
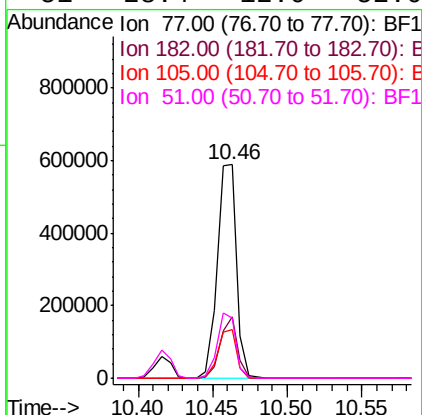
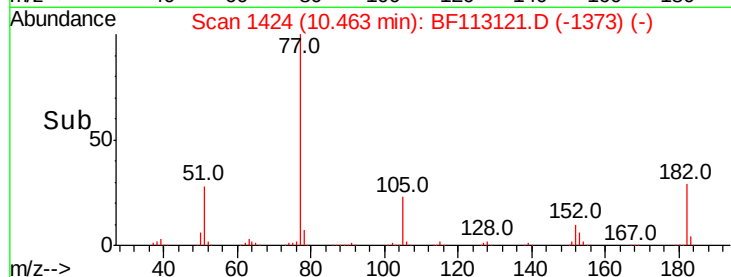
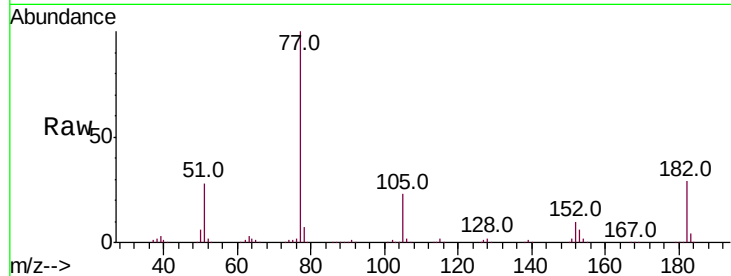
#63
Azobenzene
Concen: 33.001 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.8	1.4	41.4	
105	22.7	2.6	42.6	
51	28.4	12.0	52.0	

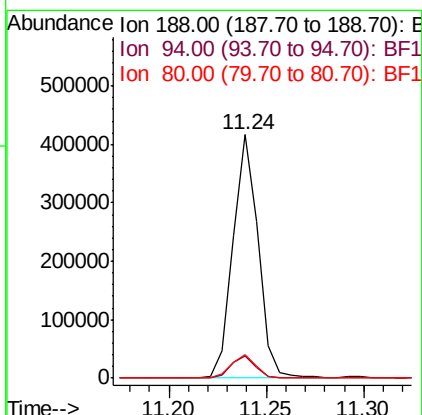
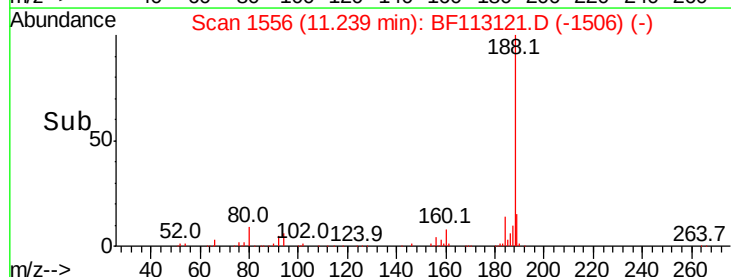
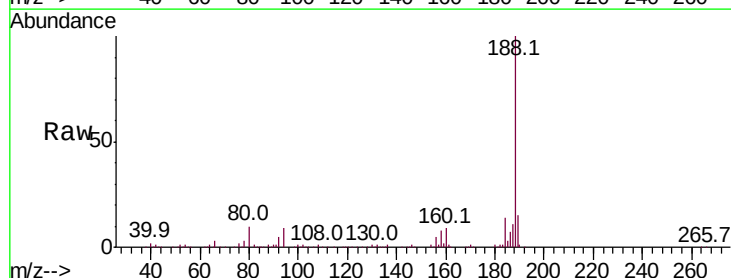
Manual Integrations
APPROVED

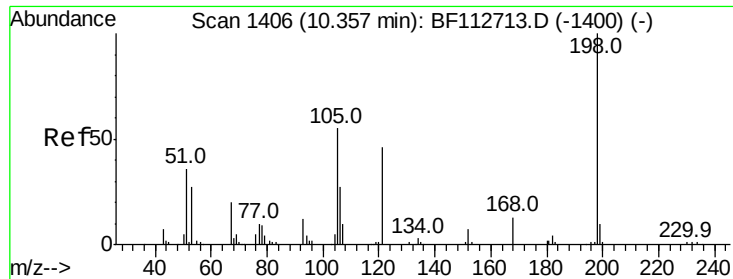
Sohil
3/20/2019 6:46:27 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	9.0	13.4	
80	9.5	9.2	13.8	





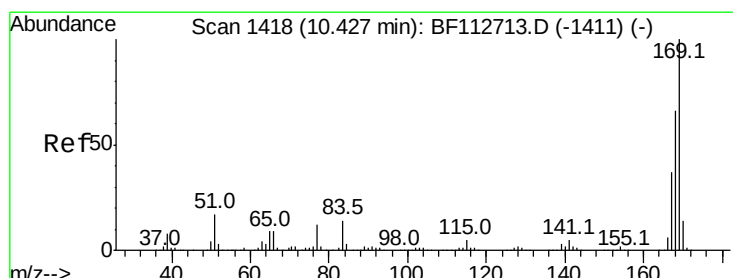
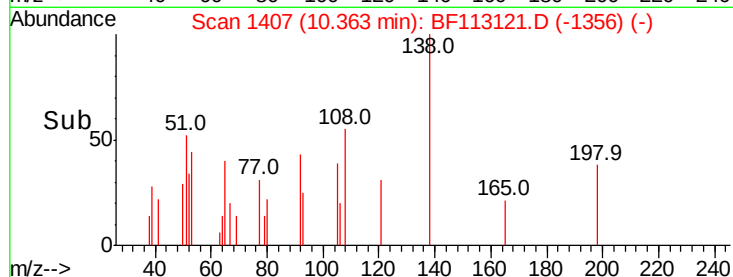
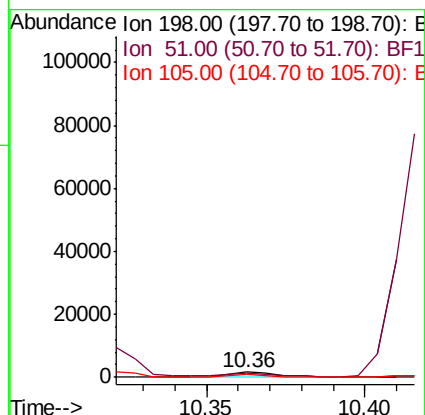
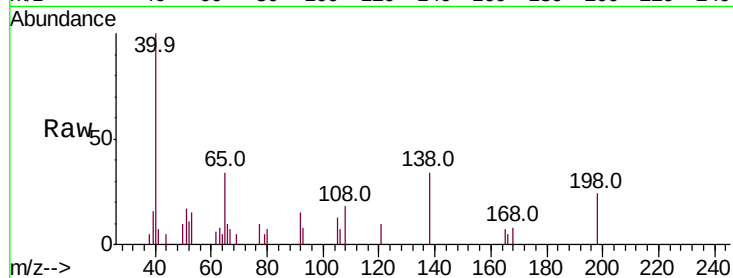
#65
4,6-Dinitro-2-methylphenol
Concen: 5.625 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	71.0	43.8	83.8
105	53.4	36.5	76.5

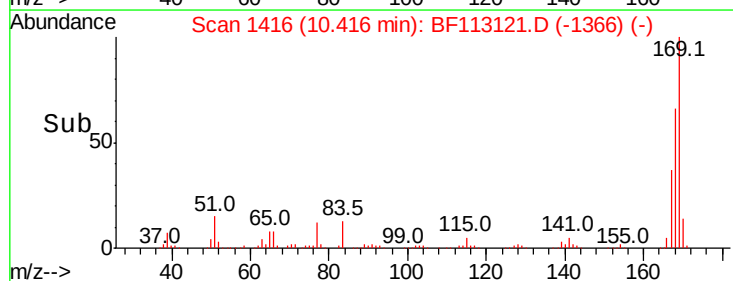
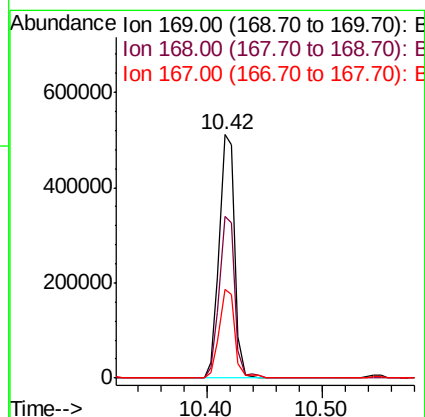
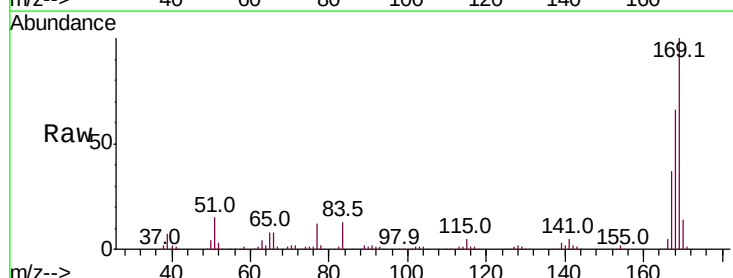
Manual Integrations
APPROVED

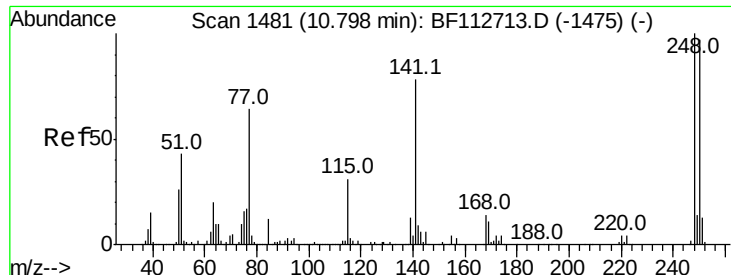
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 40.007 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.0	79.6
167	36.7	29.3	43.9





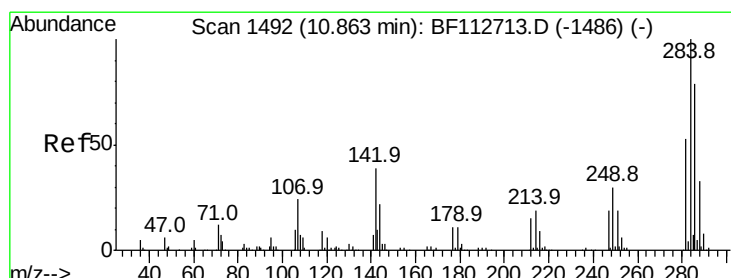
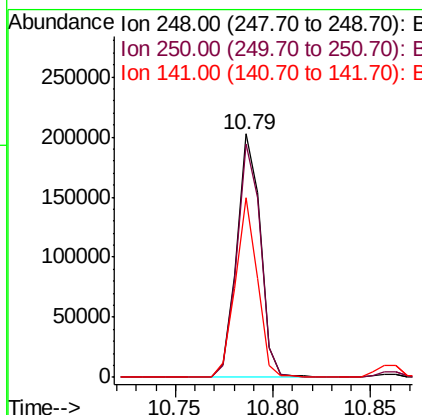
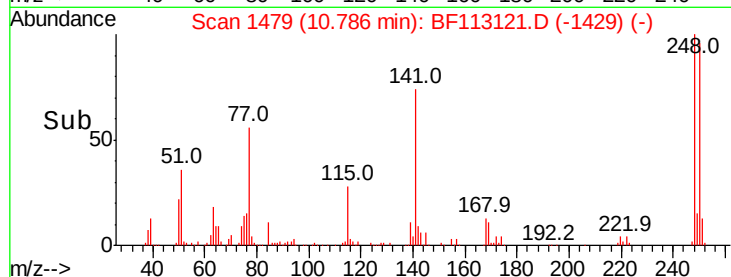
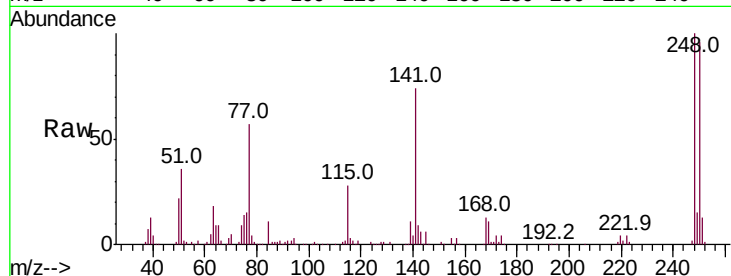
#67
4-Bromophenyl-phenylether
Concen: 43.602 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampled :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.5	116.3
141	73.9	62.4	93.6

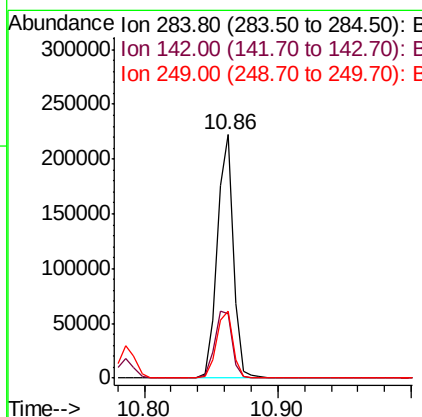
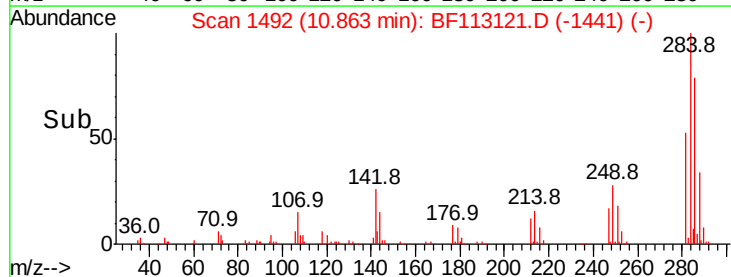
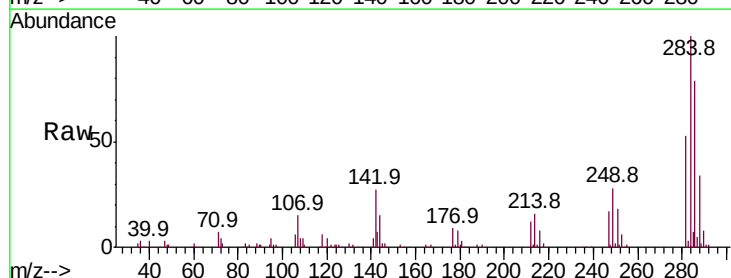
Manual Integrations
APPROVED

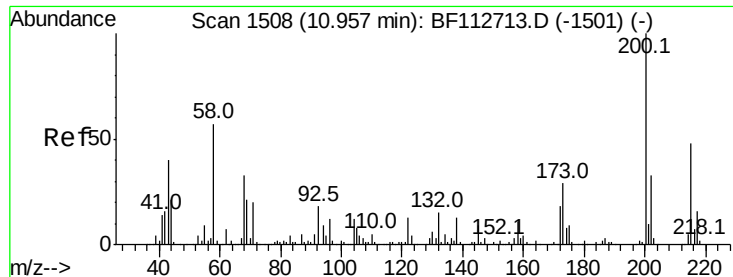
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#68
Hexachlorobenzene
Concen: 42.952 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.6	31.0	46.6#
249	27.8	23.6	35.4





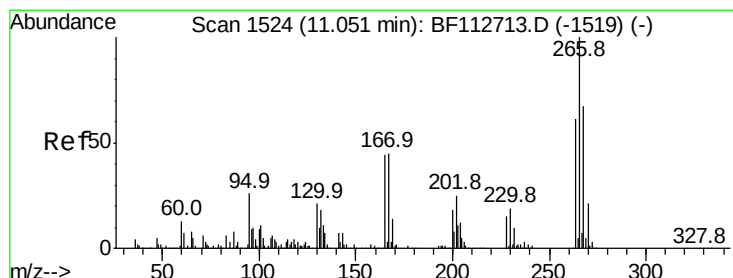
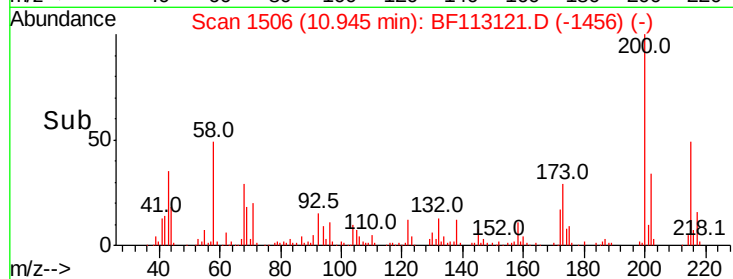
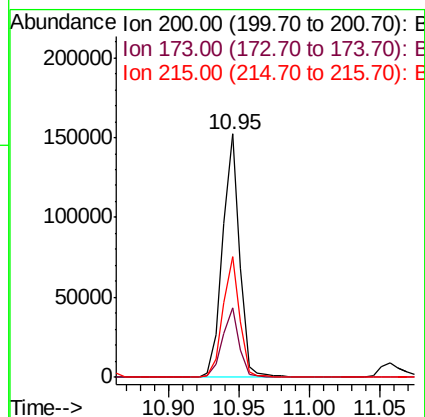
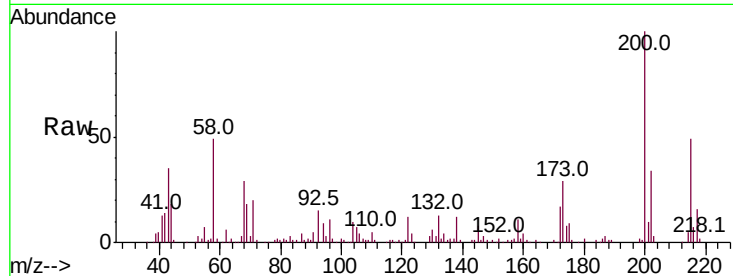
#69
Atrazine
Concen: 34.775 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	9.1	49.1
215	49.4	28.2	68.2

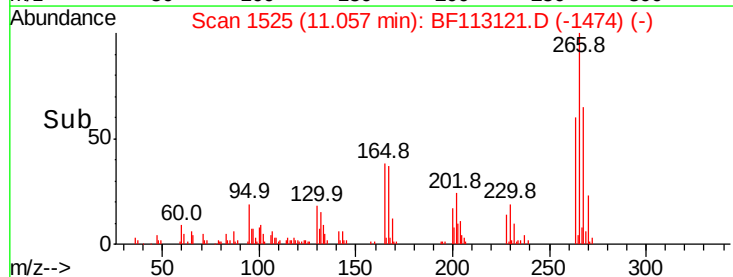
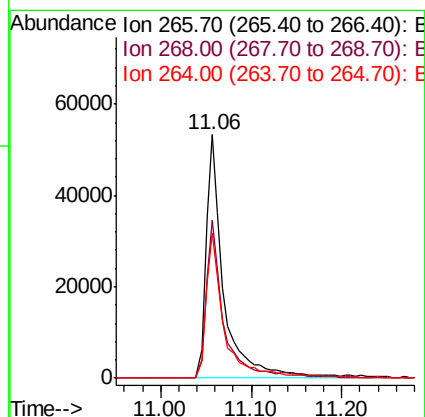
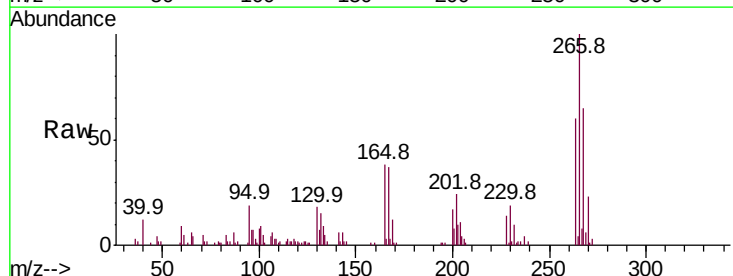
Manual Integrations
APPROVED

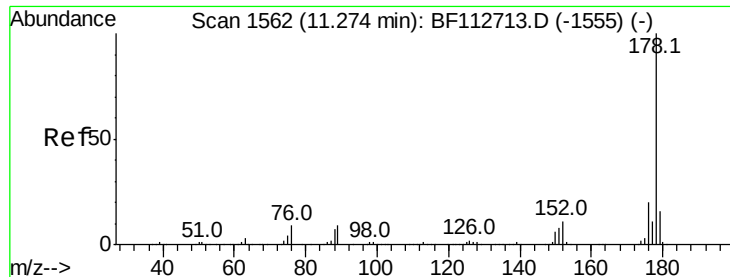
Sohil
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#70
Pentachlorophenol
Concen: 27.955 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	53.3	79.9
264	59.8	48.9	73.3





#71

Phenanthrene

Concen: 40.756 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

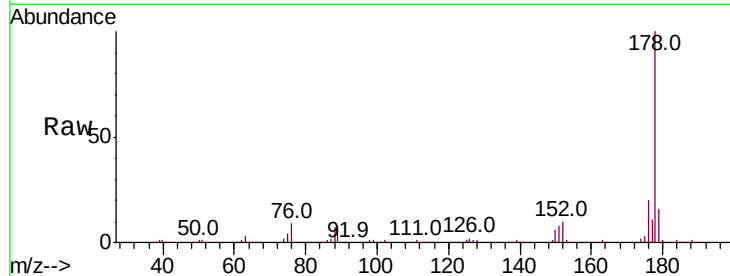
ClientSampleId :

SSTDCCC040EC

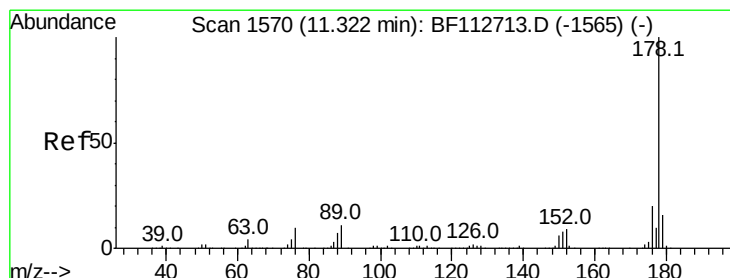
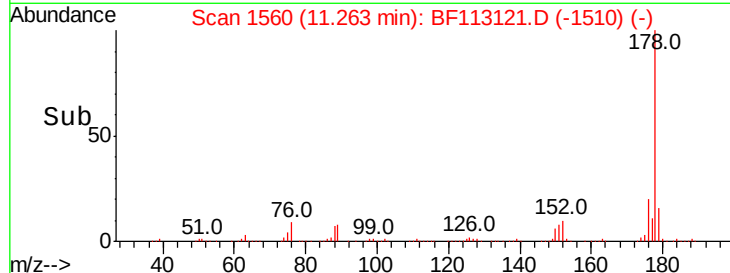
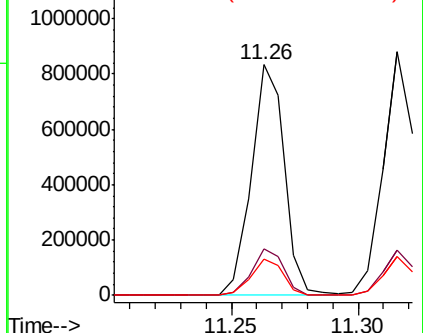
Tot Ion:	178	Resp:	754200
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.3	24.5
179	15.7	12.7	19.1

Manual Integrations
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3/20/2019 6:46:27 PM



Abundance Ion 178.00 (177.70 to 178.70): E
1200000
Ion 176.00 (175.70 to 176.70): E
1000000
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.682 ng

RT: 11.32 min Scan# 1569

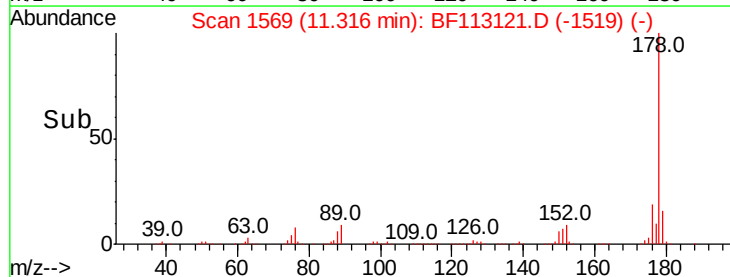
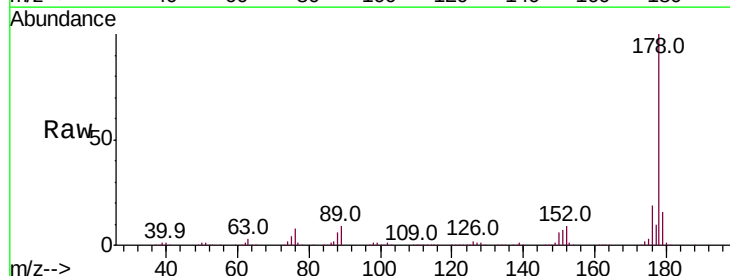
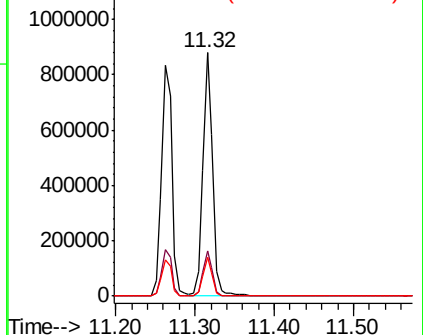
Delta R.T. -0.01 min

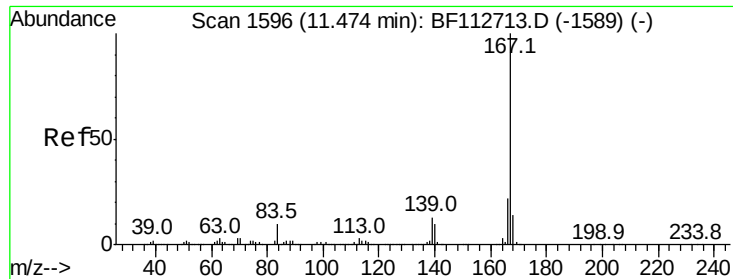
Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Tgt Ion:	178	Resp:	768698
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.8	23.6
179	15.7	13.0	19.6

Abundance Ion 178.00 (177.70 to 178.70): E
1200000
Ion 176.00 (175.70 to 176.70): E
1000000
Ion 179.00 (178.70 to 179.70): E





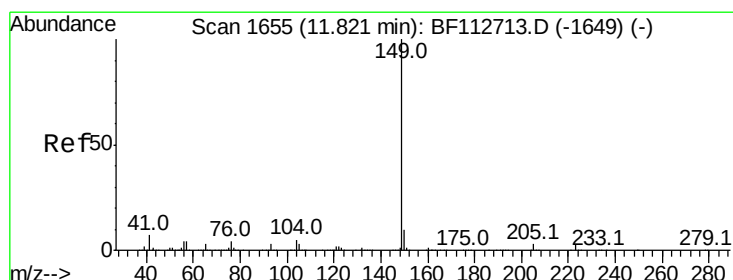
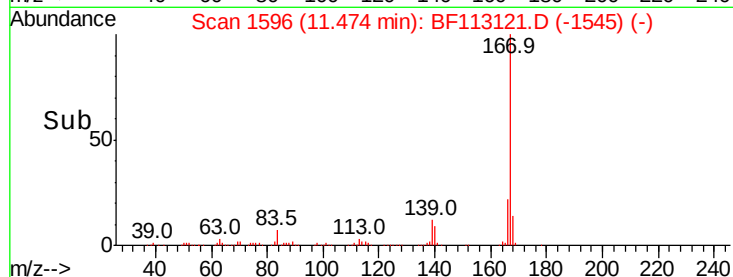
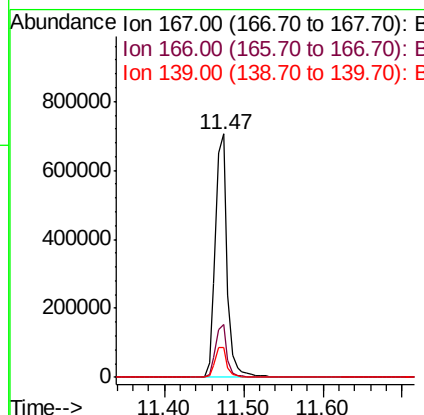
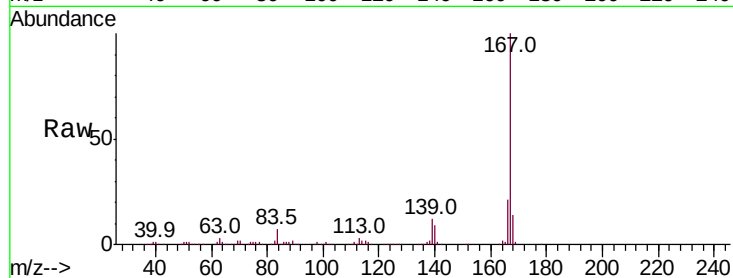
#73
 Carbazole
 Concen: 38.690 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF113121.D
 Acq: 19 Mar 2019 5:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.5	17.5	26.3	
139	12.4	10.8	16.2	

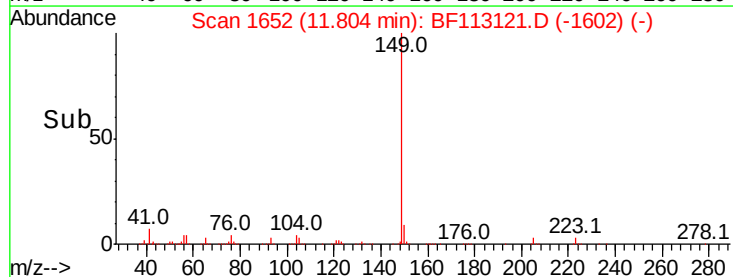
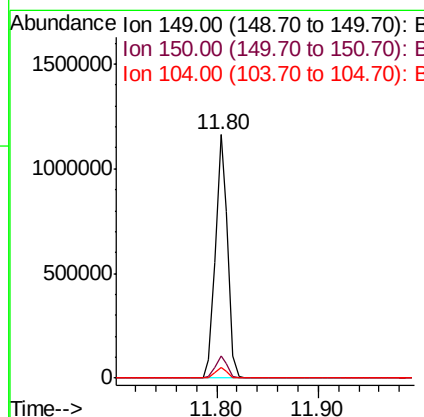
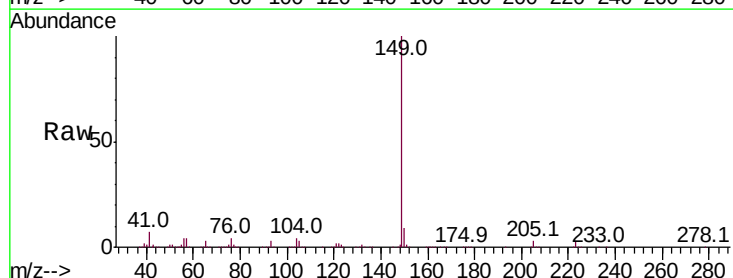
Manual Integrations
 APPROVED

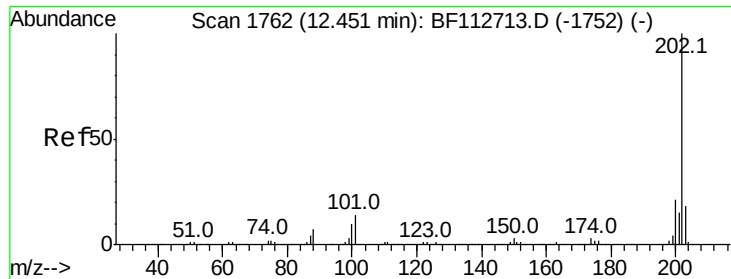
Sohil
 3/20/2019 6:46:27 PM



#74
 Di-n-butylphthalate
 Concen: 42.718 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF113121.D
 Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.6	11.4	
104	4.4	3.7	5.5	





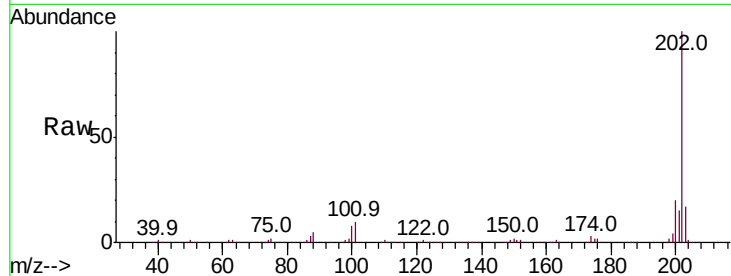
#75
Fluoranthene
Concen: 42.899 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

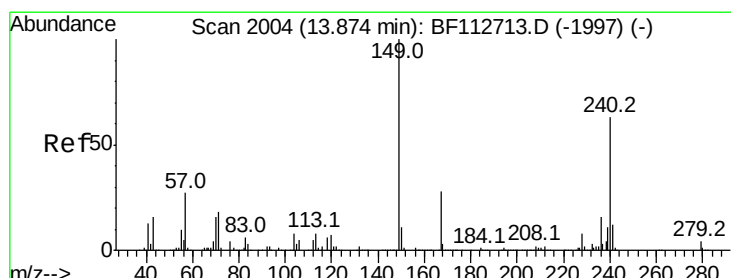
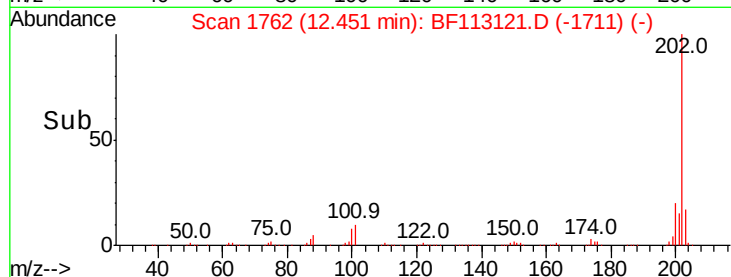
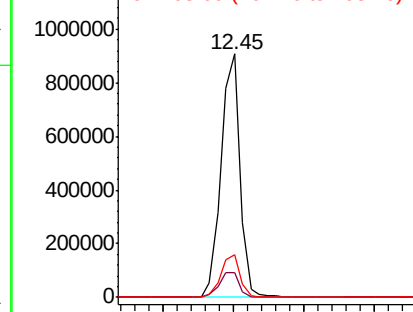
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	33.8
203	17.4	0.0	38.4

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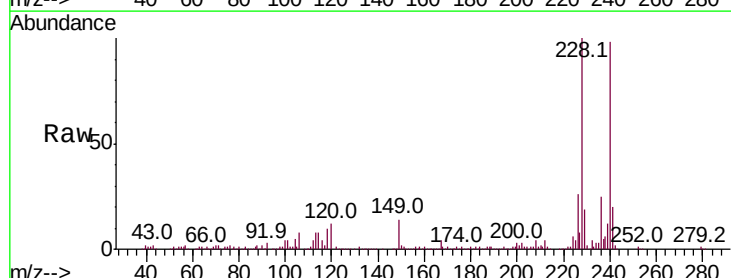


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

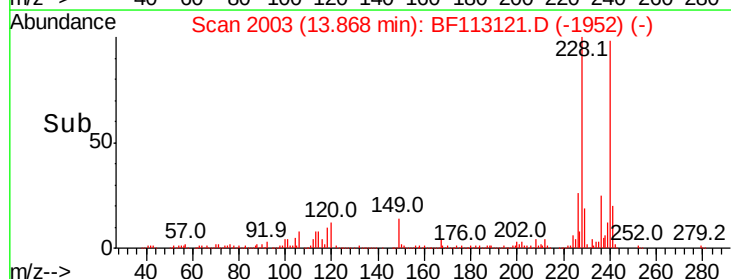
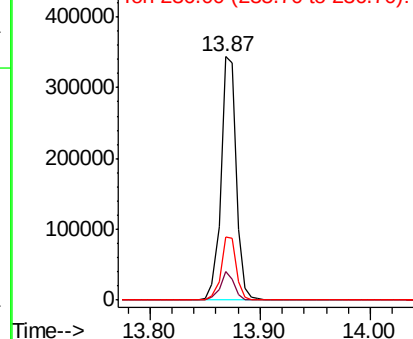


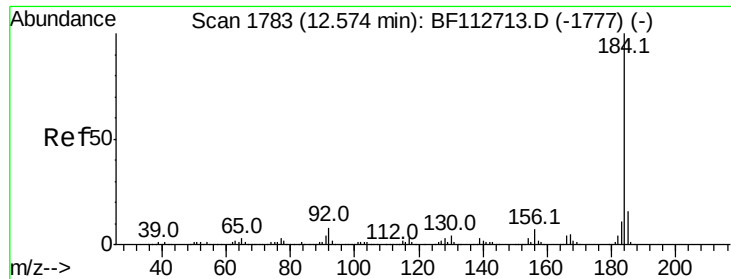
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.9	8.9	13.3
236	25.8	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: 27.668 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

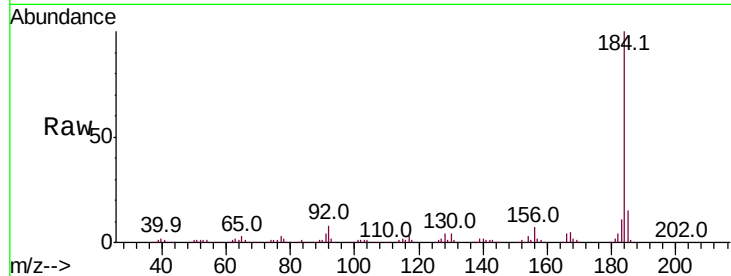
ClientSampleId :

SSTDCCC040EC

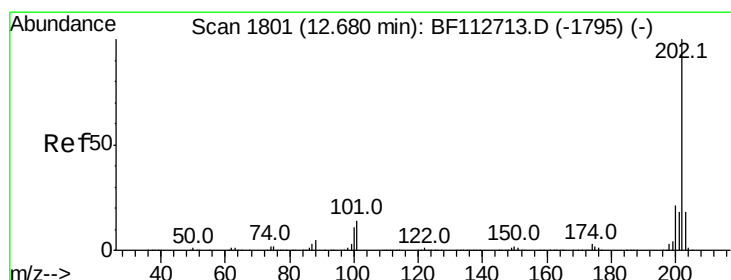
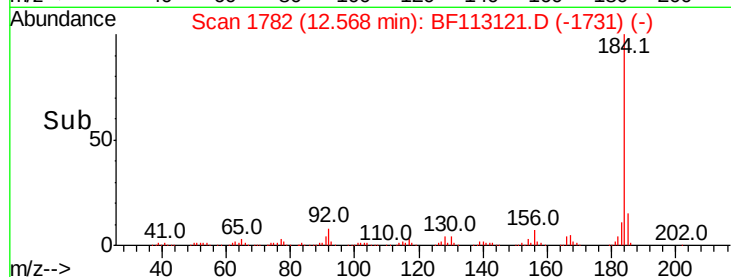
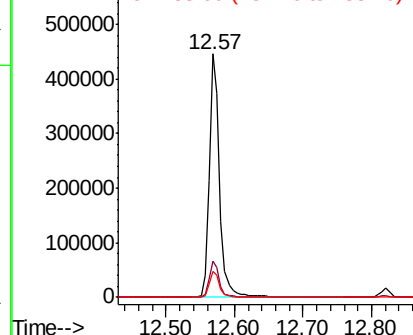
Tot Ion:	184	Resp:	475527
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	18.8
183	10.9	8.6	12.8

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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



#78

Pyrene

Concen: 31.678 ng

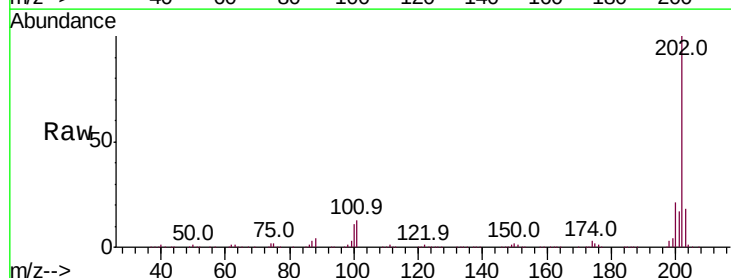
RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

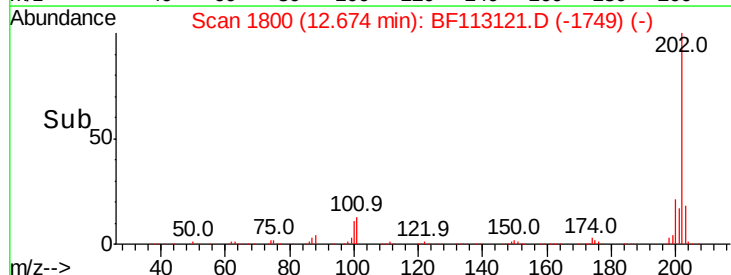
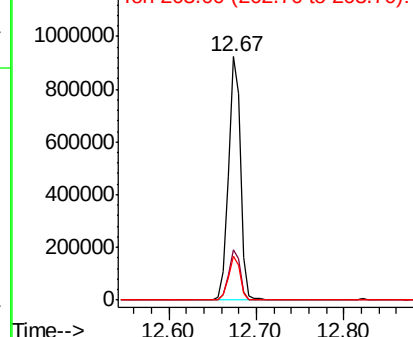
Lab File: BF113121.D

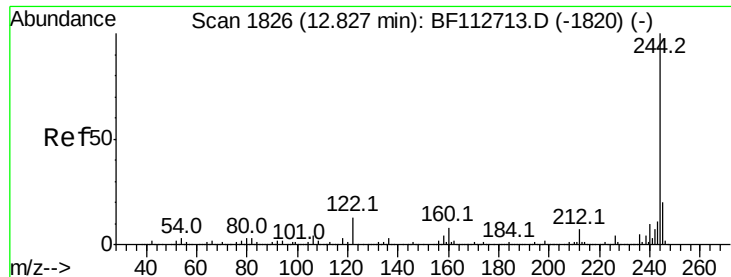
Acq: 19 Mar 2019 5:57

Tgt Ion:	202	Resp:	884691
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.0	25.4
203	18.0	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: 70.342 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1202099

Ion Ratio Lower Upper

244 100

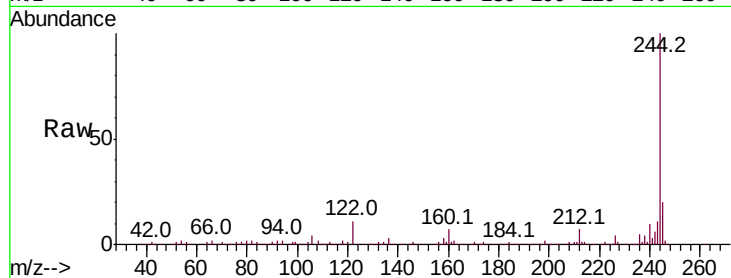
212 7.0 5.6 8.4

122 10.9 10.5 15.7

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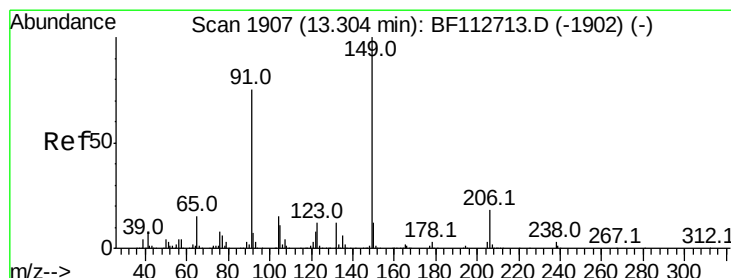
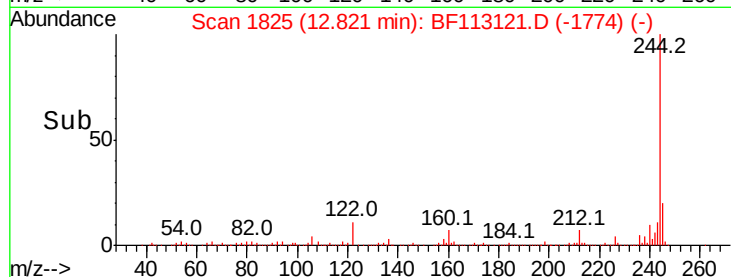
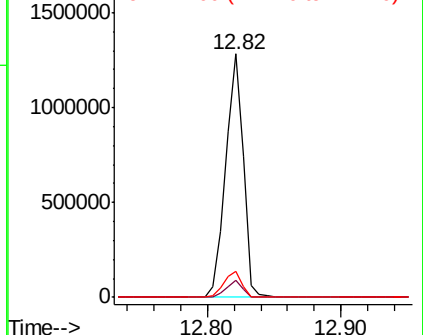
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.754 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

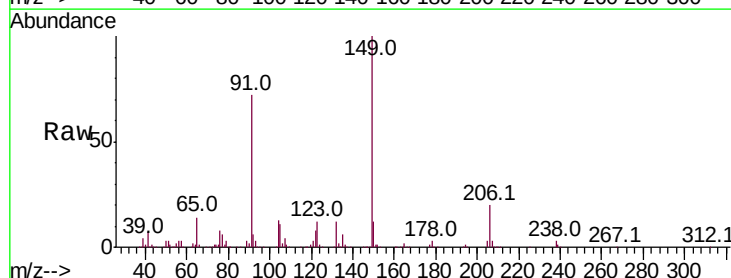
Tgt Ion:149 Resp: 416099

Ion Ratio Lower Upper

149 100

91 71.8 59.9 89.9

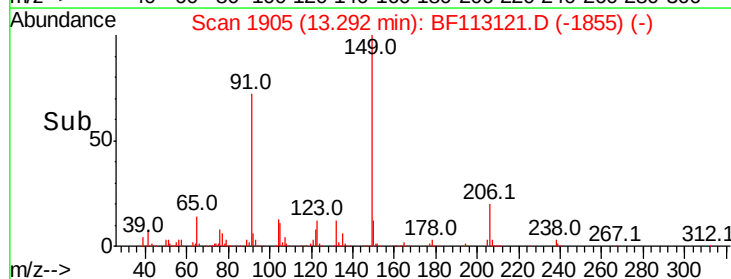
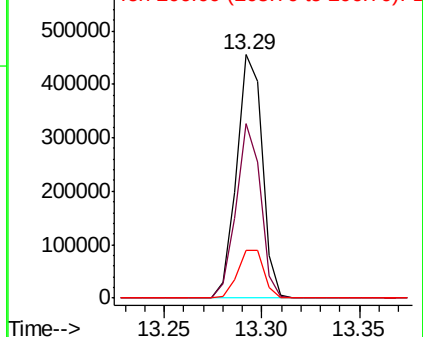
206 19.6 14.7 22.1

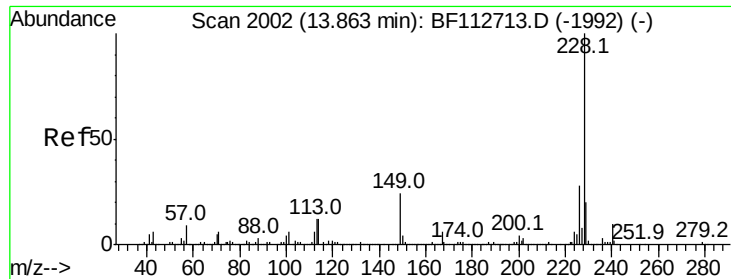


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





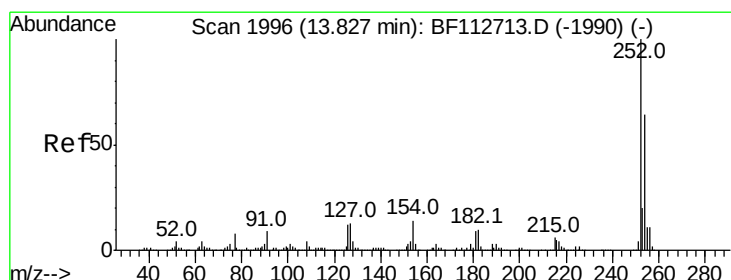
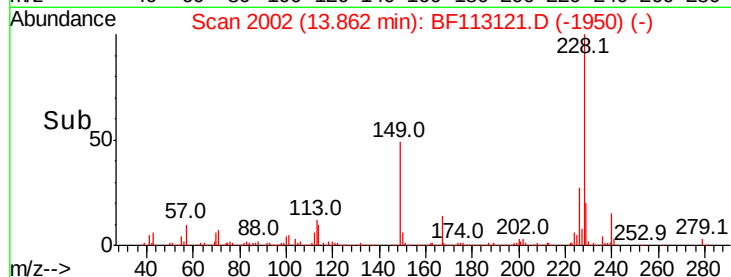
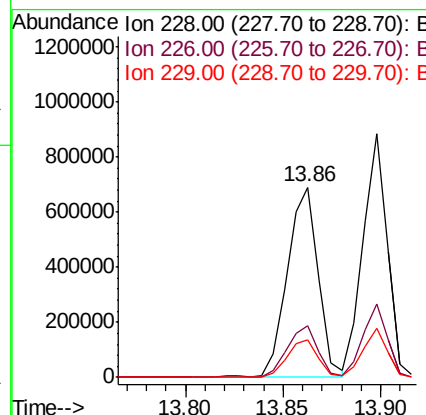
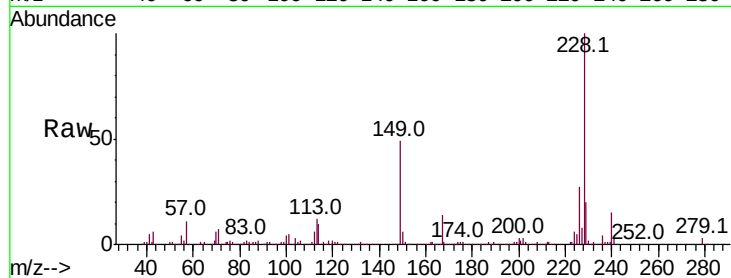
#81
Benzo(a)anthracene
Concen: 32.860 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.4
229	20.0	16.0	24.0

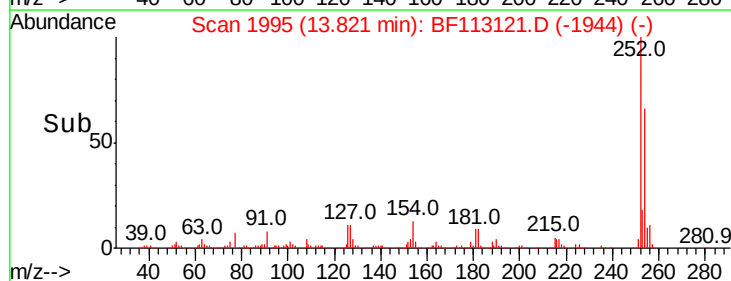
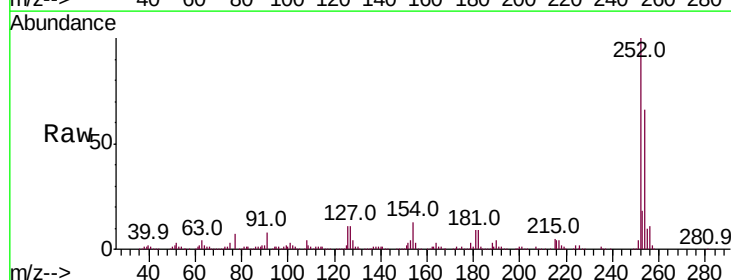
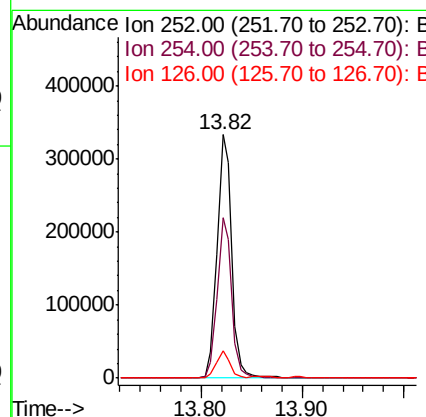
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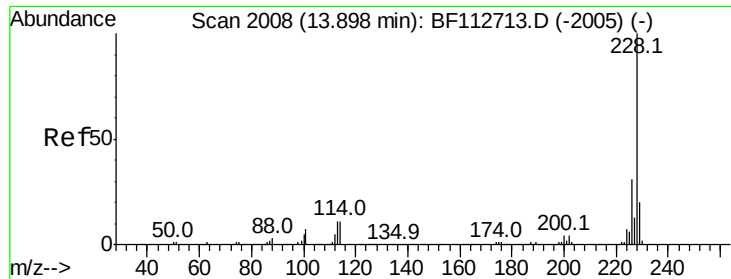
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#82
3,3'-Dichlorobenzidine
Concen: 38.626 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.1	76.7
126	11.5	9.9	14.9





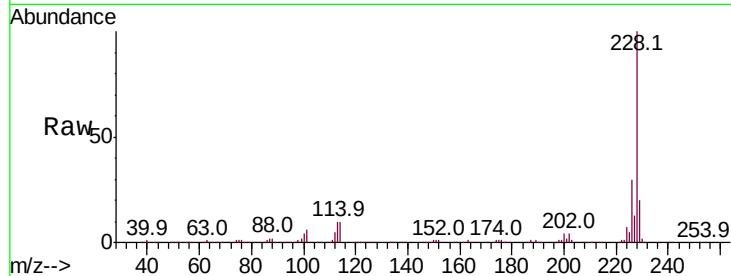
#83
Chrysene
Concen: 34.312 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	20.0	16.3	24.5

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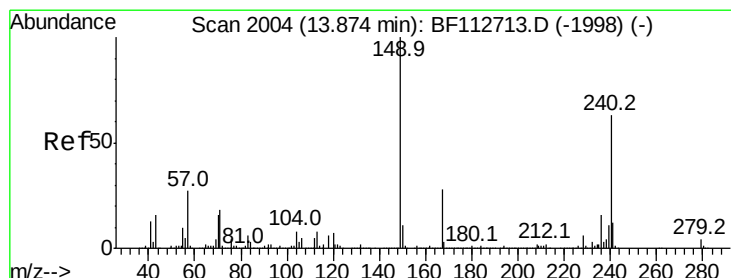
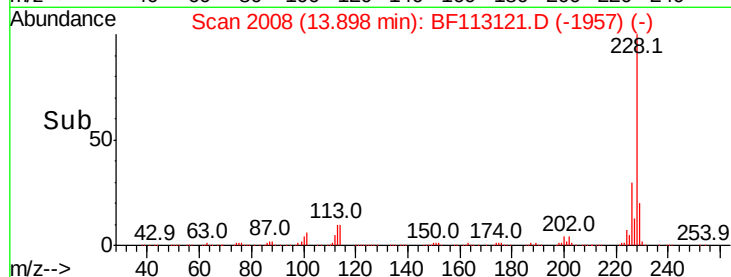
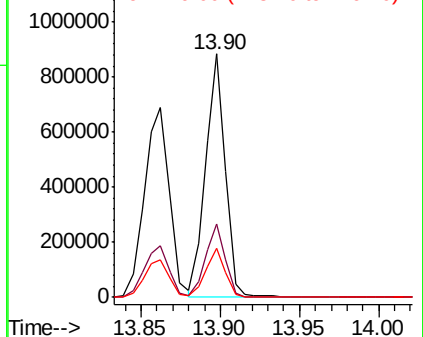


Abundance

Ion 228.00 (227.70 to 228.70): E

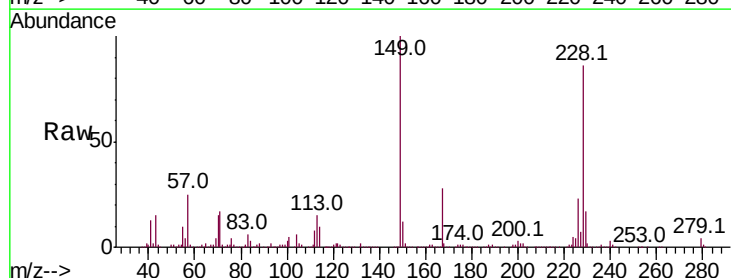
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.579 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.4	33.6
279	4.3	3.3	4.9

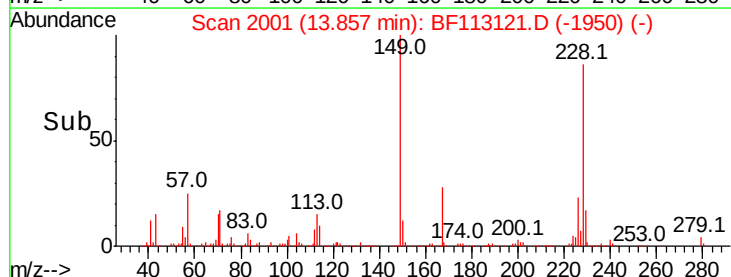
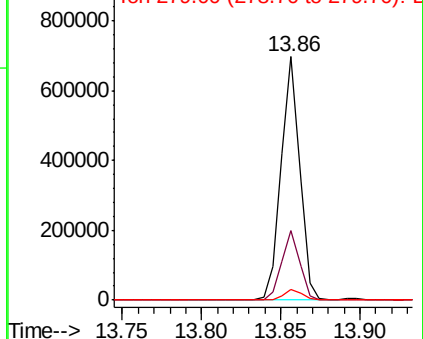


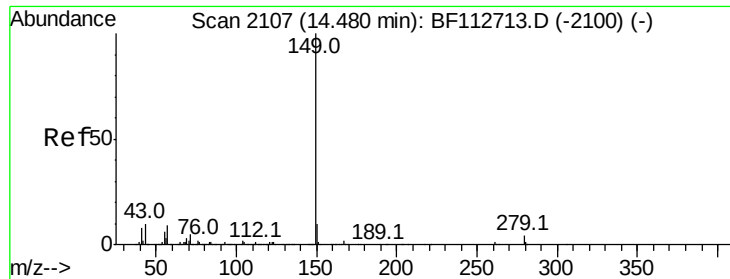
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.802 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1037871

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

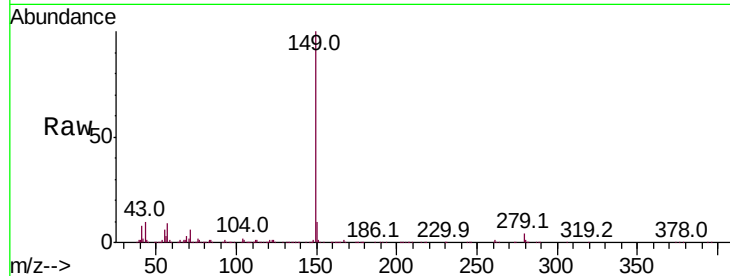
43 9.9 9.0 13.4

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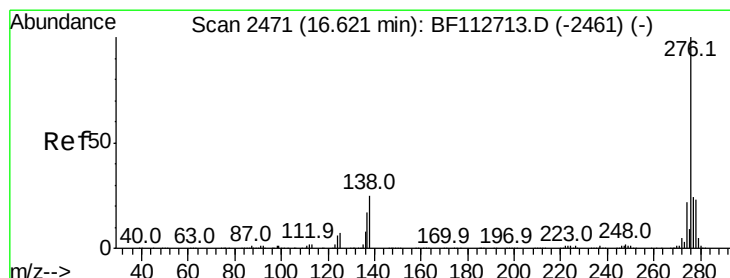
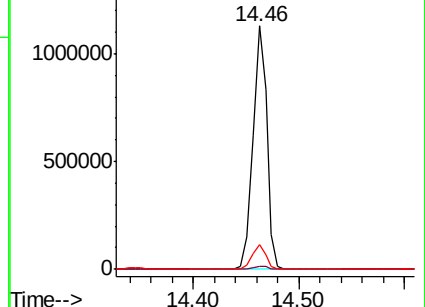
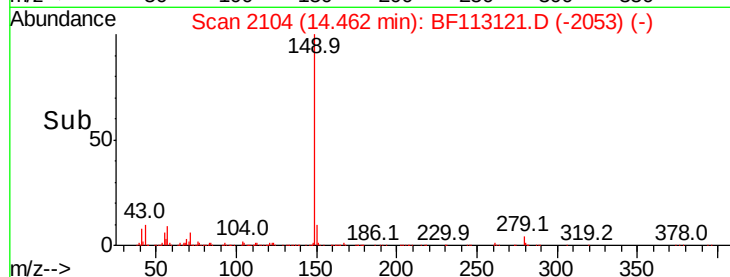
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.363 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

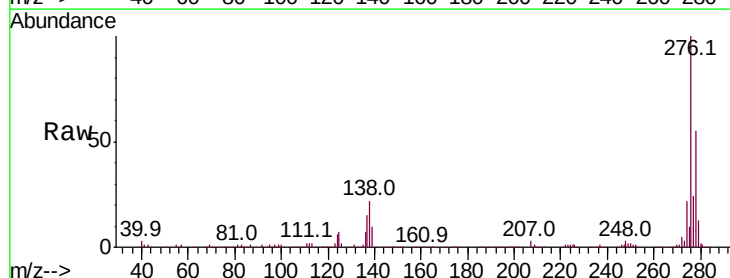
Tgt Ion:276 Resp: 697198

Ion Ratio Lower Upper

276 100

138 23.1 23.2 34.8#

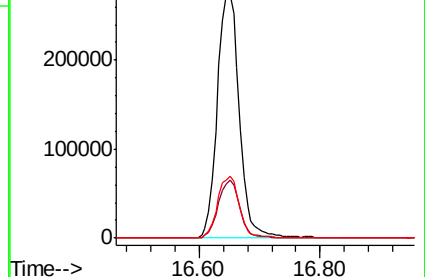
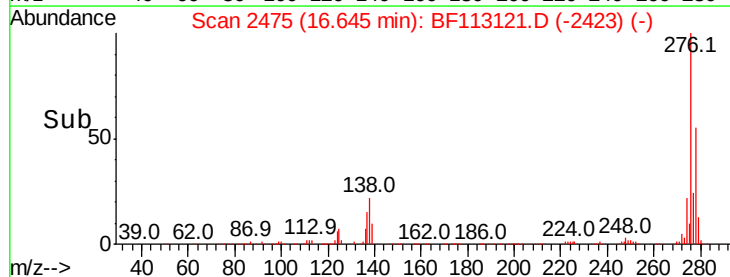
277 25.2 19.9 29.9

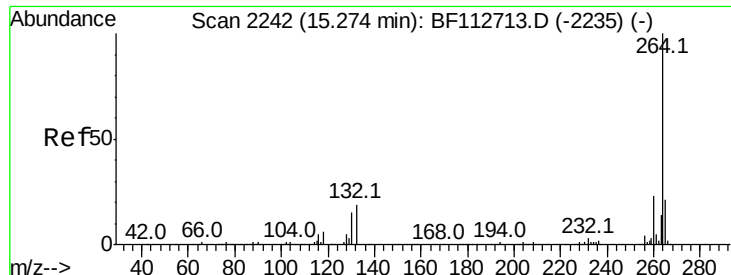


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Instrument :

BNA_F

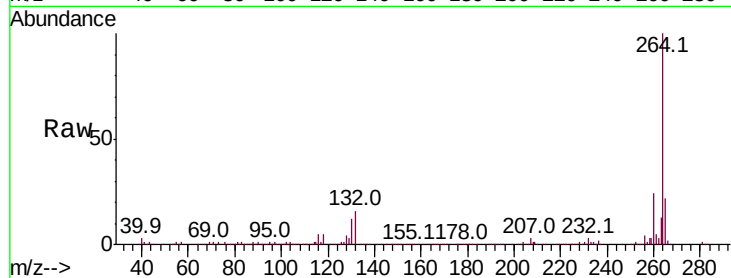
ClientSampleId :

SSTDCCC040EC

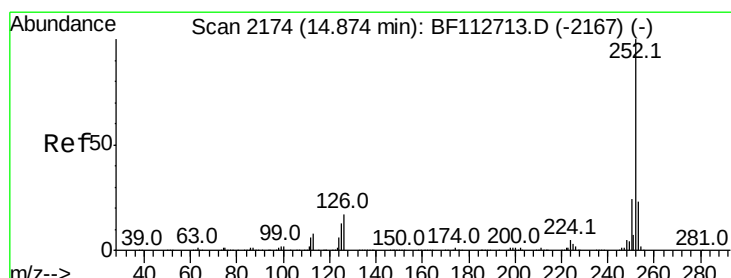
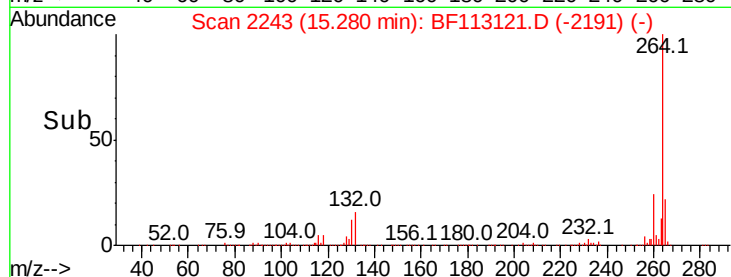
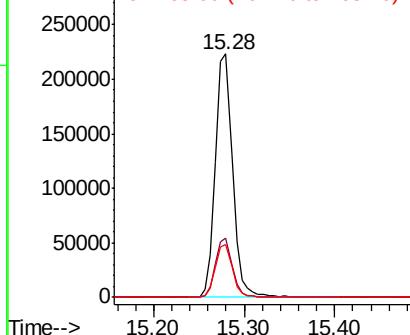
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.6	17.2	25.8

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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



#88

Benzo(b)fluoranthene

Concen: 38.143 ng

RT: 14.88 min Scan# 2175

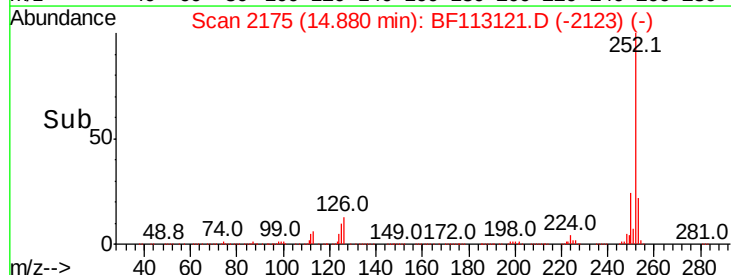
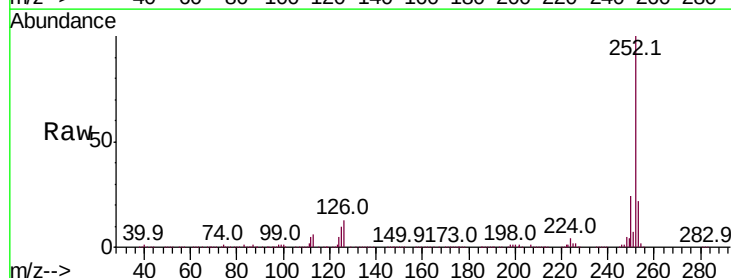
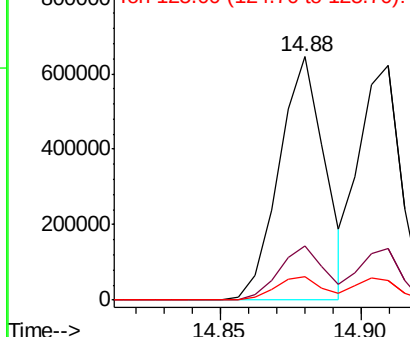
Delta R.T. 0.01 min

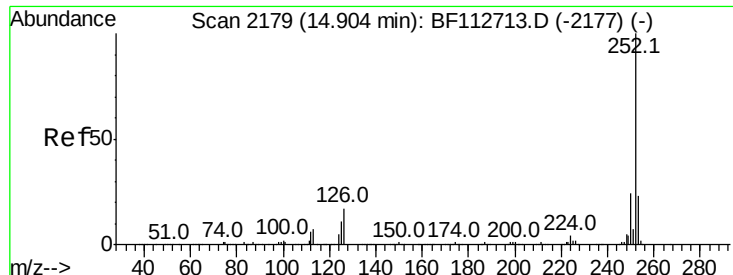
Lab File: BF113121.D

Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.6	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





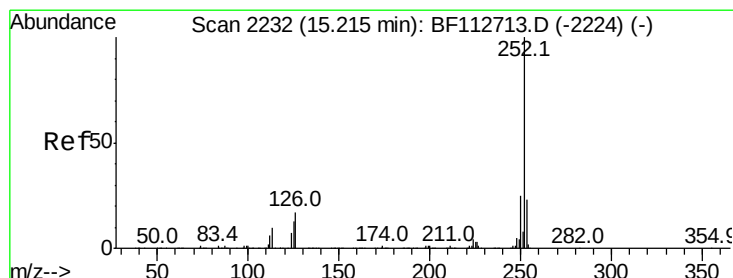
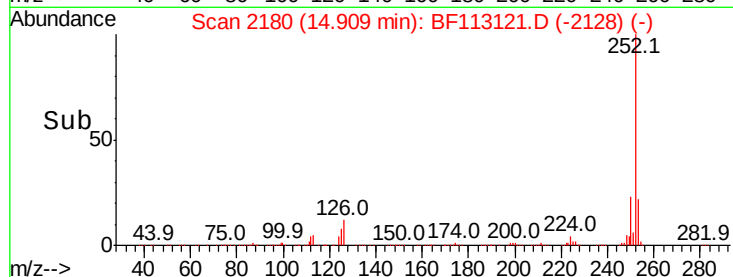
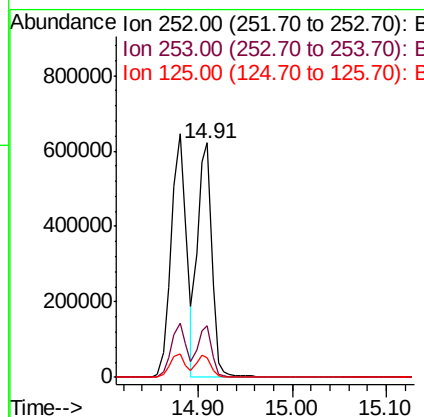
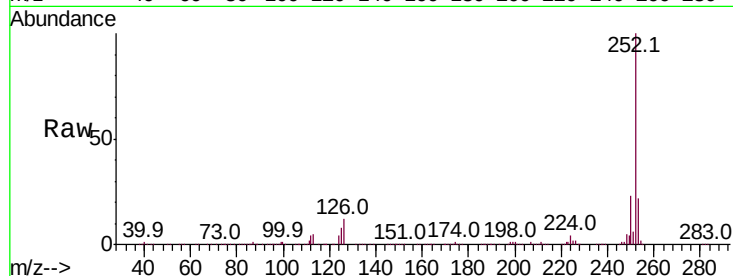
#89
Benzo(k)fluoranthene
Concen: 37.801 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	8.3	9.8	14.6

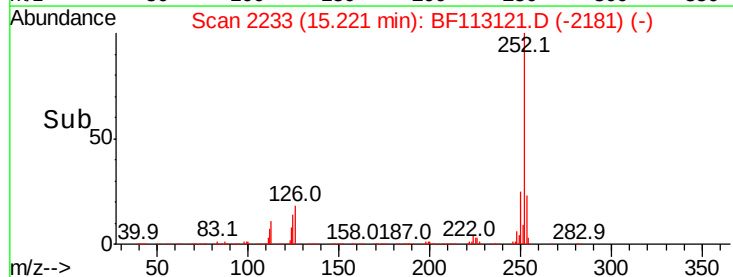
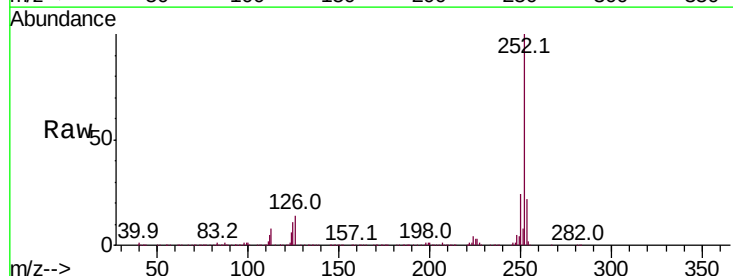
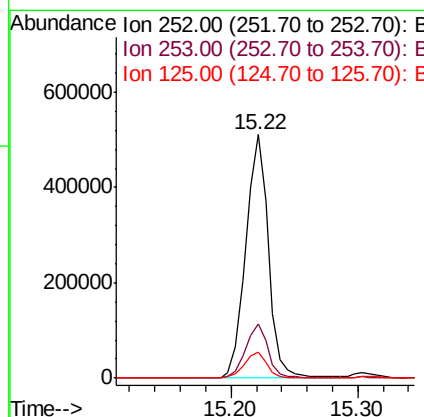
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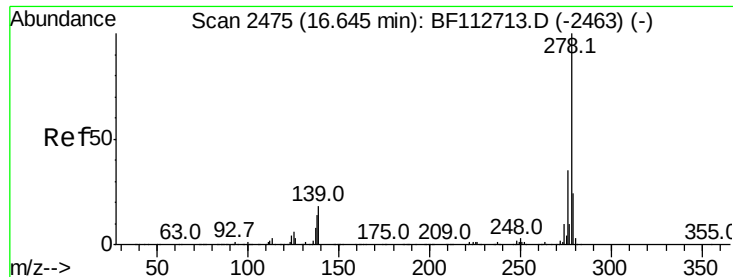
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#90
Benzo(a)pyrene
Concen: 37.488 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.8	10.7	16.1





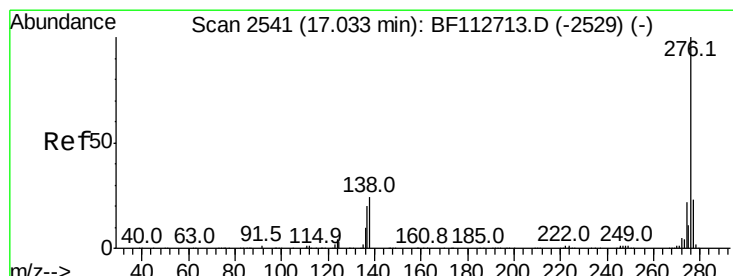
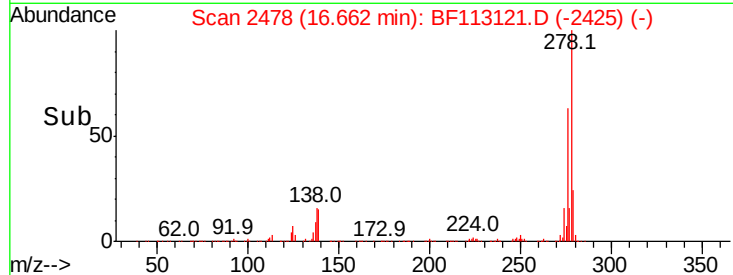
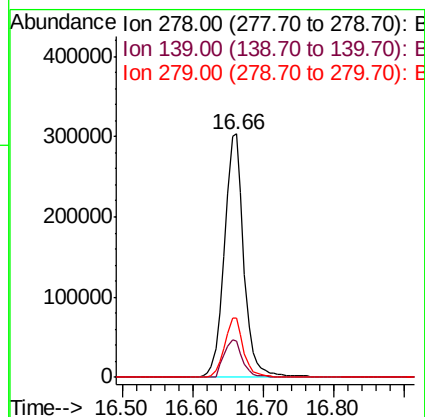
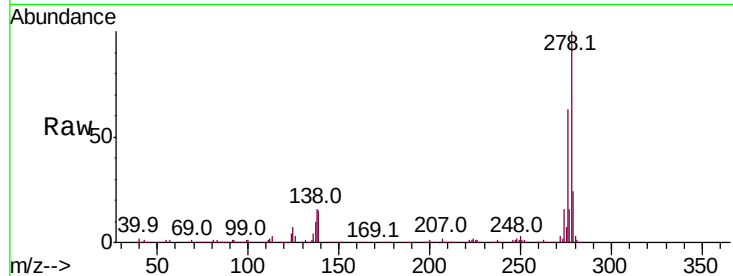
#91
Dibenzo(a,h)anthracene
Concen: 40.307 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:278	Resp:	581280
Ion Ratio	Lower	Upper
278 100		
139 14.8	14.3	21.5
279 24.2	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/20/2019 6:46:27 PM



#92
Benzo(g,h,i)perylene
Concen: 37.793 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF113121.D
Acq: 19 Mar 2019 5:57

Tgt Ion:276	Resp:	547274
Ion Ratio	Lower	Upper
276 100		
277 23.7	18.6	27.8
138 20.2	19.4	29.0

