

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112917.D
 Acq On : 7 Mar 2019 13:17
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/8/2019 9:26:03 AM

Quant Time: Mar 08 00:36:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	239533	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	955020	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	469285	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	906926	20.00	ng	0.00
76) Chrysene-d12	13.87	240	586614	20.00	ng	0.00
87) Perylene-d12	15.27	264	500819	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1124436	73.02	ng	0.00
7) Phenol-d6	6.37	99	1409045	72.84	ng	0.00
23) Nitrobenzene-d5	7.30	82	1303038	81.64	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	427919	85.89	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2308427	80.32	ng	0.00
79) Terphenyl-d14	12.83	244	2242442	74.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	281743	36.501	ng	97
3) Pyridine	3.13	79	755265	36.573	ng	99
4) n-Nitrosodimethylamine	3.08	42	319004	35.313	ng	93
6) Aniline	6.40	93	918729	34.505	ng	98
8) 2-Chlorophenol	6.52	128	649667	37.900	ng	95
9) Benzaldehyde	6.28	77	471479	33.828	ng	99
10) Phenol	6.39	94	808399	35.814	ng	# 72
11) bis(2-Chloroethyl)ether	6.47	93	633359	36.557	ng	94
12) 1,3-Dichlorobenzene	6.67	146	687358	38.817	ng	99
13) 1,4-Dichlorobenzene	6.75	146	689990	38.855	ng	99
14) 1,2-Dichlorobenzene	6.90	146	639410	39.278	ng	98
15) Benzyl Alcohol	6.88	79	548367	37.178	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1065482	36.851	ng	97
17) 2-Methylphenol	7.00	107	547933	39.403	ng	97
18) Hexachloroethane	7.25	117	258700	38.031	ng	# 89
19) n-Nitroso-di-n-propylamine	7.16	70	441614	36.048	ng	97
20) 3+4-Methylphenols	7.15	107	583056	37.138	ng	95
22) Acetophenone	7.15	105	879405	39.381	ng	97
24) Nitrobenzene	7.32	77	691927	38.952	ng	98
25) Isophorone	7.56	82	1295017	37.664	ng	100
26) 2-Nitrophenol	7.63	139	365172	49.384	ng	99
27) 2,4-Dimethylphenol	7.67	122	522185	37.958	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	823812	38.322	ng	99
29) 2,4-Dichlorophenol	7.87	162	552396	41.407	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	587445	40.981	ng	97
31) Naphthalene	8.04	128	1809626	38.166	ng	99
32) Benzoic acid	7.81	122	453159	46.998	ng	92
33) 4-Chloroaniline	8.09	127	783814	39.030	ng	99
34) Hexachlorobutadiene	8.16	225	353665	43.748	ng	99
35) Caprolactam	8.47	113	185676m	39.516	ng	
36) 4-Chloro-3-methylphenol	8.57	107	578704	39.197	ng	96
37) 2-Methylnaphthalene	8.73	142	1192844	38.957	ng	100
38) 1-Methylnaphthalene	8.83	142	1161831	39.170	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	567757	41.488	ng	99

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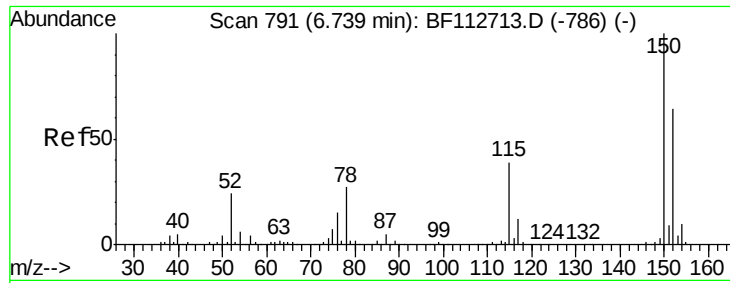
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	321943	42.961	nq	98
43) 2,4,6-Trichlorophenol	9.01	196	394784	41.917	nq	98
44) 2,4,5-Trichlorophenol	9.05	196	412136	40.485	nq	96
46) 1,1'-Biphenyl	9.19	154	1531024	39.998	nq	99
47) 2-Chloronaphthalene	9.22	162	1192328	39.893	nq	99
48) 2-Nitroaniline	9.31	65	392023	43.152	nq	94
49) Acenaphthylene	9.63	152	1887614	37.201	nq	99
50) Dimethylphthalate	9.50	163	1392173	40.233	nq	99
51) 2,6-Dinitrotoluene	9.55	165	323419	44.884	nq	88
52) Acenaphthene	9.80	154	1125256	37.923	nq	98
53) 3-Nitroaniline	9.72	138	360923	41.106	nq	99
54) 2,4-Dinitrophenol	9.83	184	156406	55.238	nq	98
55) Dibenzofuran	9.97	168	1540360	35.718	nq	96
56) 4-Nitrophenol	9.89	139	282215	39.549	nq	87
57) 2,4-Dinitrotoluene	9.96	165	395131	44.115	nq	# 83
58) Fluorene	10.32	166	1115838	36.455	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	357505	42.151	nq	94
60) Diethylphthalate	10.19	149	1287677	35.235	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	554653	38.947	nq	97
62) 4-Nitroaniline	10.33	138	335270	41.323	nq	98
63) Azobenzene	10.47	77	1245651	33.277	nq	92
65) 4,6-Dinitro-2-methylphenol	10.36	198	188955	50.446	nq	82
66) n-Nitrosodiphenylamine	10.43	169	1082849	37.229	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	397735	41.636	nq	95
68) Hexachlorobenzene	10.86	284	454543	42.211	nq	# 92
69) Atrazine	10.95	200	346372	38.883	nq	99
70) Pentachlorophenol	11.05	266	282794	44.619	nq	97
71) Phenanthrene	11.27	178	1751133	38.808	nq	99
72) Anthracene	11.32	178	1805032	38.214	nq	100
73) Carbazole	11.47	167	1703002	36.960	nq	99
74) Di-n-butylphthalate	11.81	149	2045118	37.016	nq	99
75) Fluoranthene	12.45	202	1813921	37.521	nq	98
77) Benzidine	12.57	184	1051979	34.565	nq	97
78) Pyrene	12.68	202	1817251	36.747	nq	100
80) Butylbenzylphthalate	13.30	149	829320	37.992	nq	95
81) Benzo(a)anthracene	13.86	228	1366523	33.611	nq	100
82) 3,3'-Dichlorobenzidine	13.82	252	554819	36.083	nq	99
83) Chrysene	13.90	228	1442440	36.220	nq	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	957829	37.409	nq	100
85) Di-n-octyl phthalate	14.47	149	1713132	38.965	nq	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1177363	34.678	nq	95
88) Benzo(b)fluoranthene	14.87	252	1233058	38.064	nq	98
89) Benzo(k)fluoranthene	14.90	252	1154291	39.338	nq	97
90) Benzo(a)pyrene	15.22	252	1093918	38.178	nq	98
91) Dibenzo(a,h)anthracene	16.64	278	960668	39.290	nq	98
92) Benzo(g,h,i)perylene	17.04	276	1010000	41.138	nq	97

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



#1

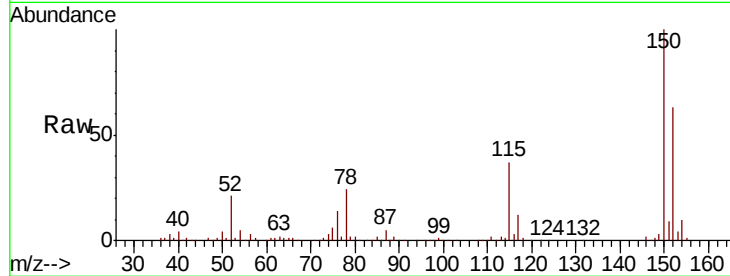
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.2	186.2
115	58.7	48.2	72.4

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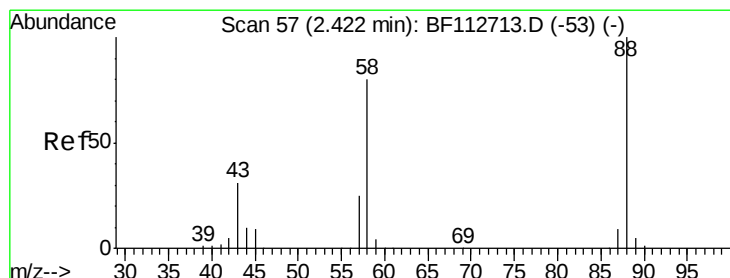
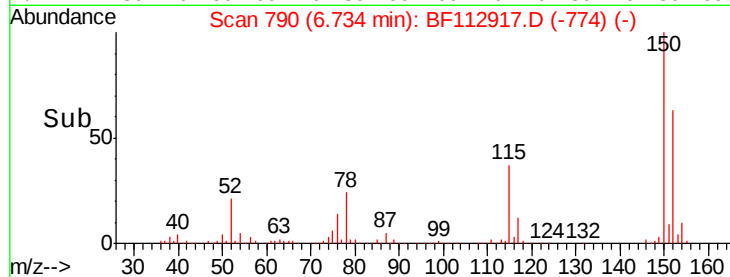
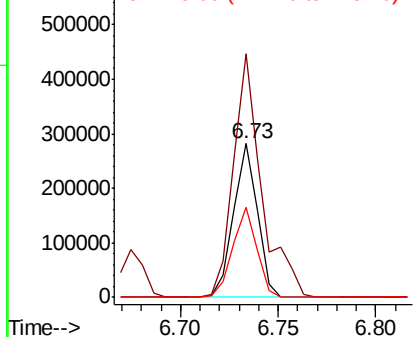


Abundance

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: 36.501 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

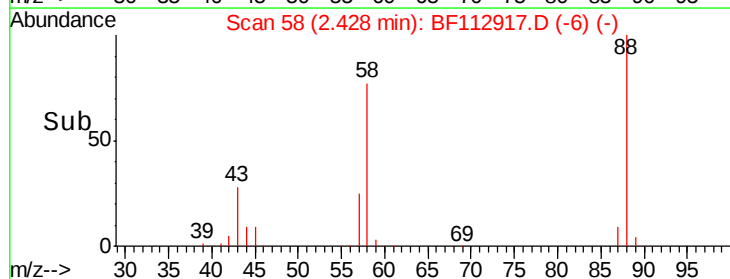
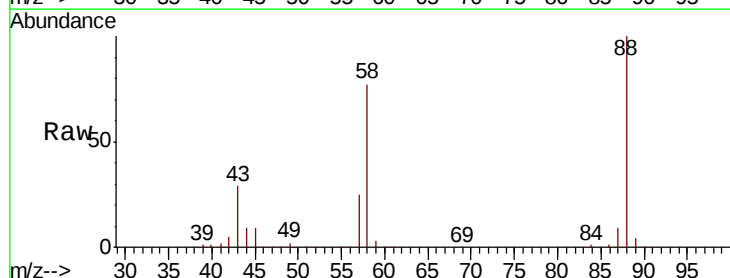
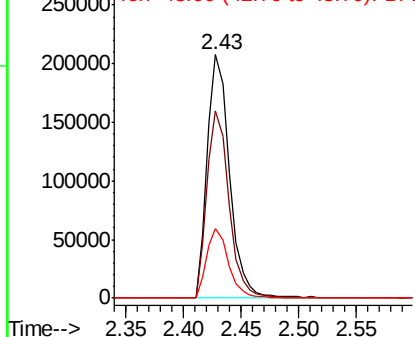
Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.0	63.1	94.7
43	28.3	24.3	36.5

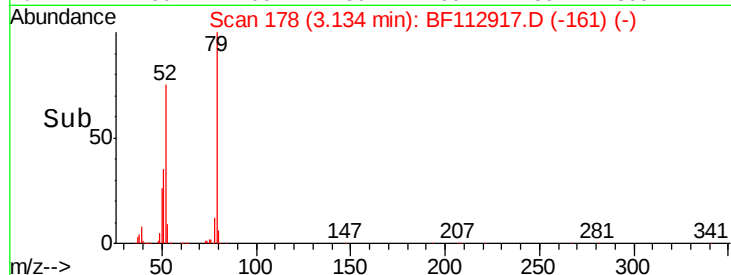
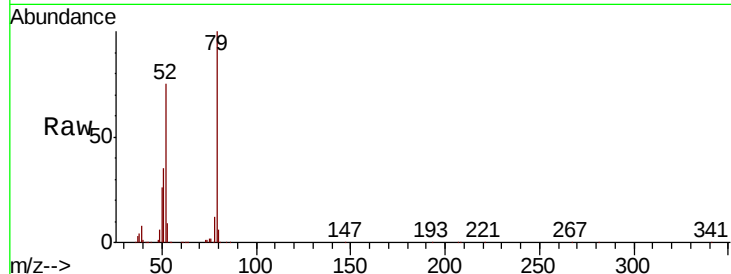
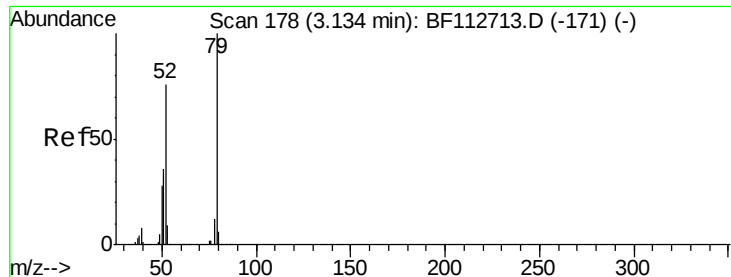
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





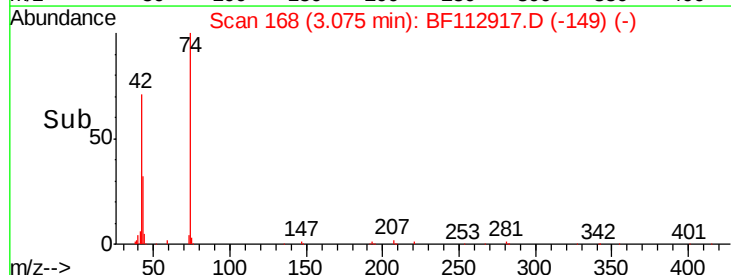
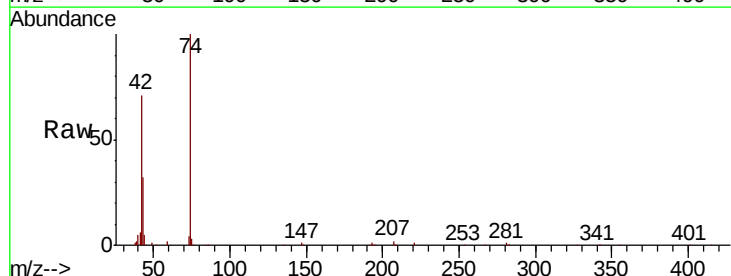
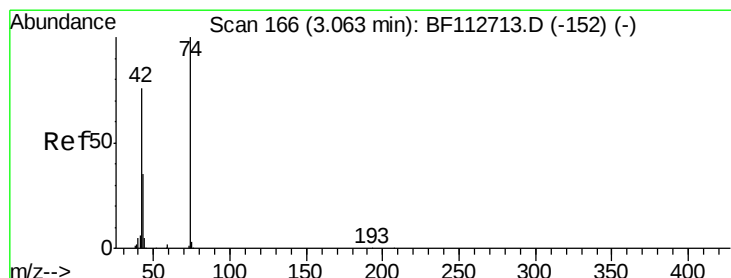
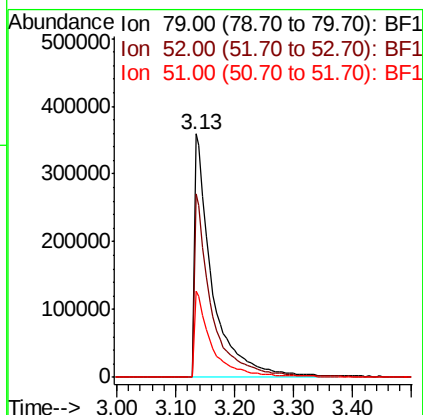
#3
 Pvridine
 Concen: 36.573 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.00 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tot Ion:	79	Resp:	755265
Ion Ratio	Lower	Upper	
79	100		
52	75.1	60.5	90.7
51	35.4	28.8	43.2

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

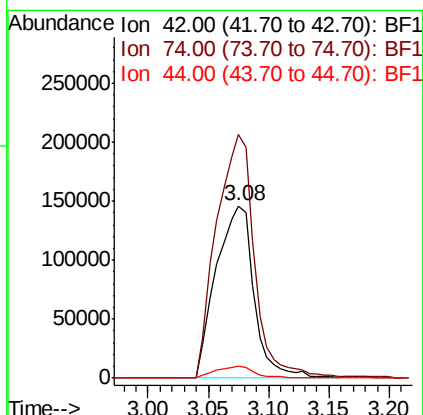
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#4
 n-Nitrosodimethylamine
 Concen: 35.313 ng
 RT: 3.08 min Scan# 168
 Delta R.T. 0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion:	42	Resp:	319004
Ion Ratio	Lower	Upper	
42	100		
74	141.2	105.8	158.8
44	7.0	6.2	9.2





#5

2-Fluorophenol

Concen: 73.022 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

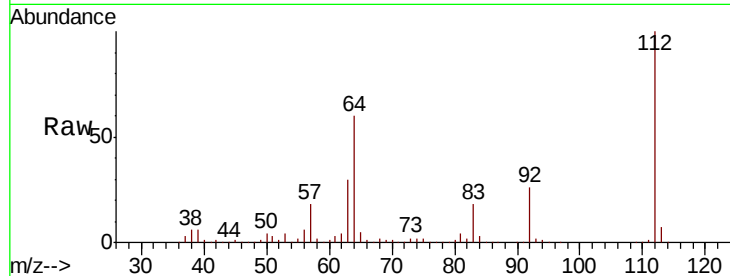
ClientSampleId :

SSTDCCC040

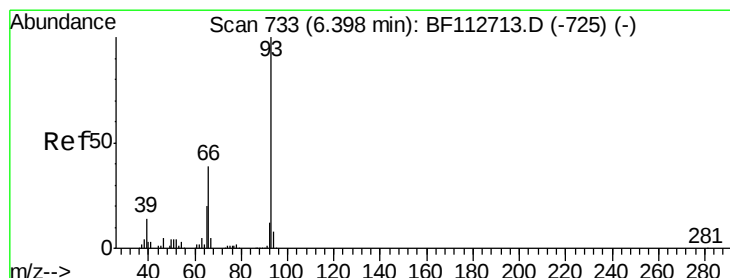
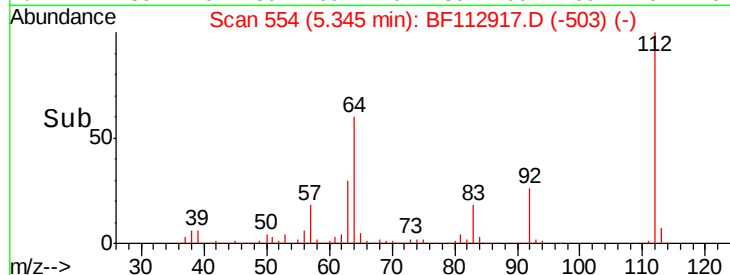
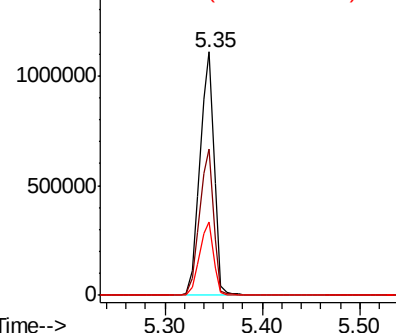
Tot Ion:	112	Resp:	1124436
Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.6	71.4
63	30.0	24.4	36.6

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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: 34.505 ng

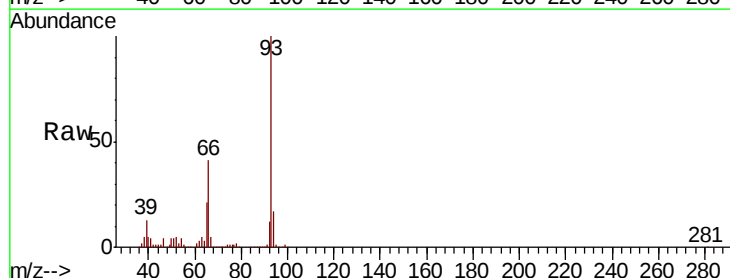
RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

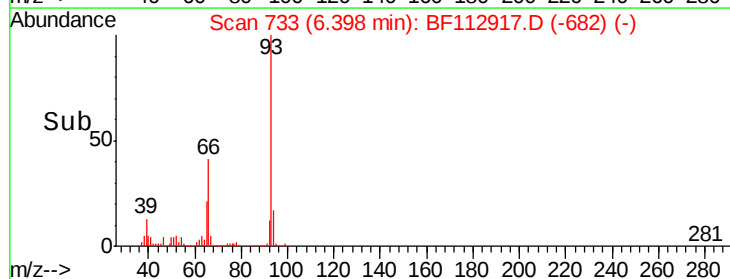
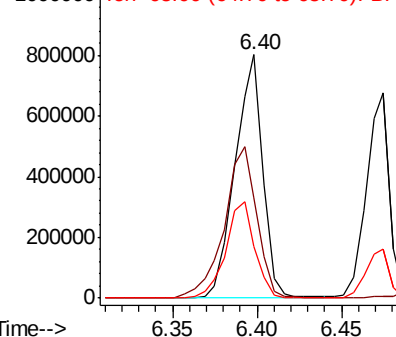
Lab File: BF112917.D

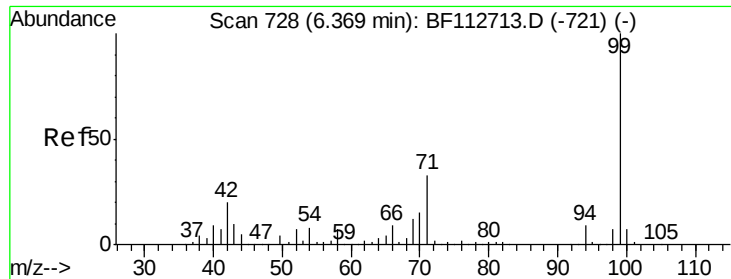
Acq: 7 Mar 2019 13:17

Tgt Ion:	93	Resp:	918729
Ion	Ratio	Lower	Upper
93	100		
66	41.4	32.2	48.2
65	21.1	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: 72.844 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1409045

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

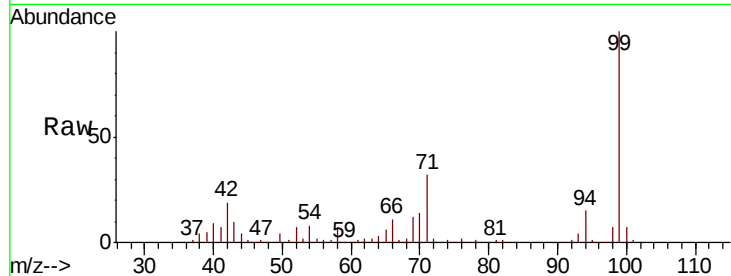
71 31.7 26.2 39.4

Manual Integrations

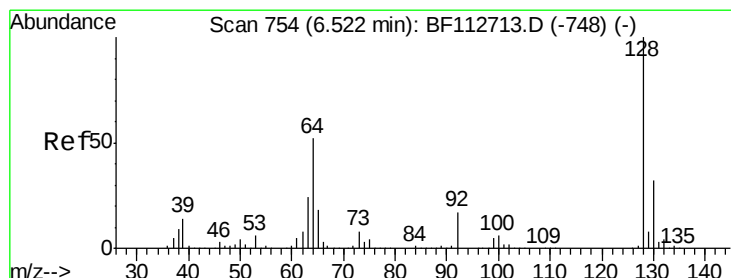
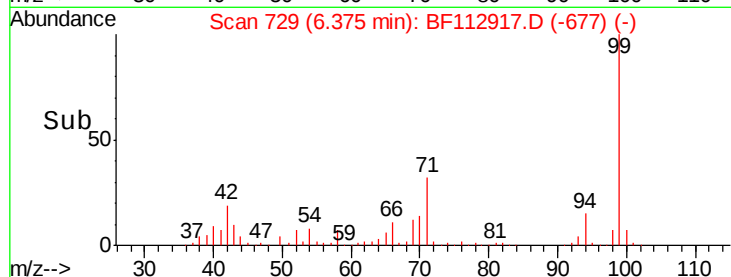
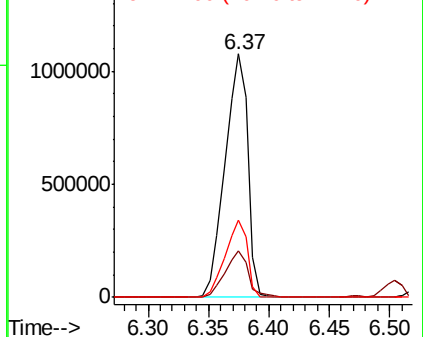
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.900 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

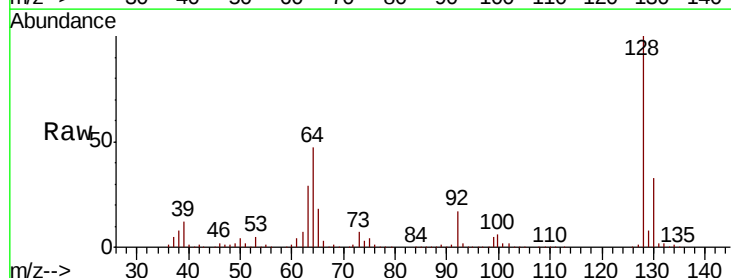
Tgt Ion:128 Resp: 649667

Ion Ratio Lower Upper

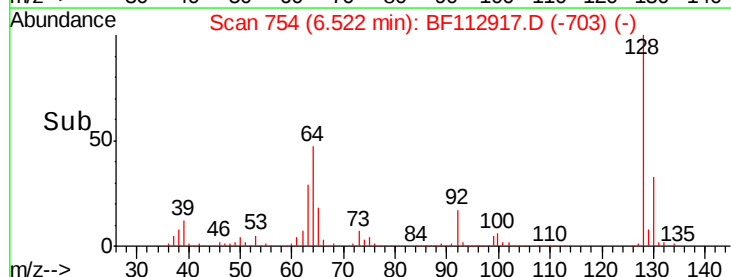
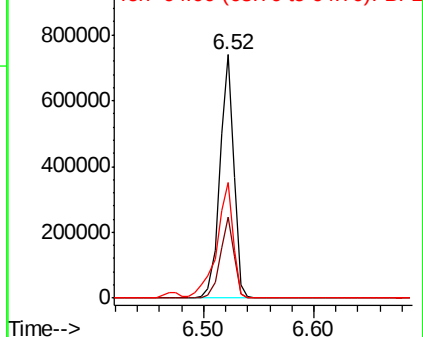
128 100

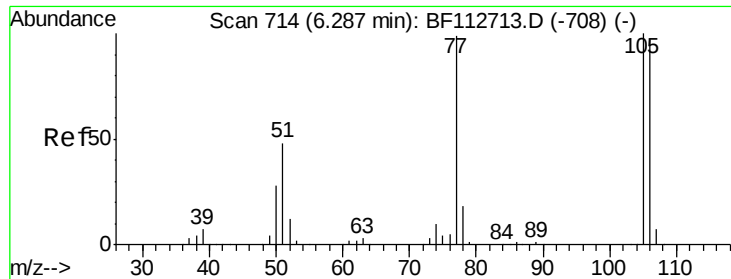
130 33.1 12.4 52.4

64 47.5 32.2 72.2



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





#9

Benzaldehyde

Concen: 33.828 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

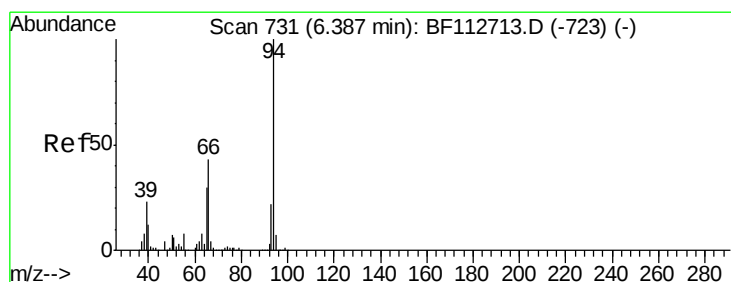
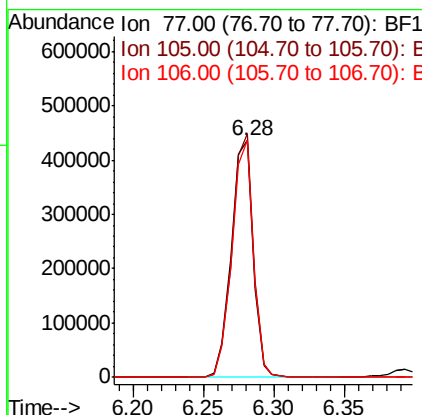
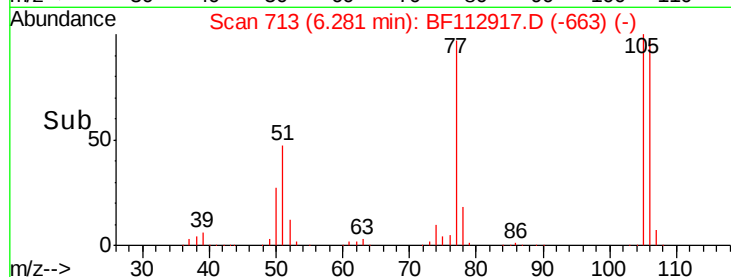
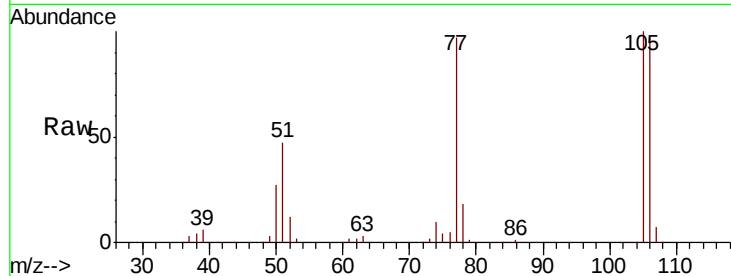
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	471479
Ion Ratio	Lower	Upper	
77	100		
105	102.7	81.4	121.4
106	99.9	78.3	118.3

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#10

Phenol

Concen: 35.814 ng

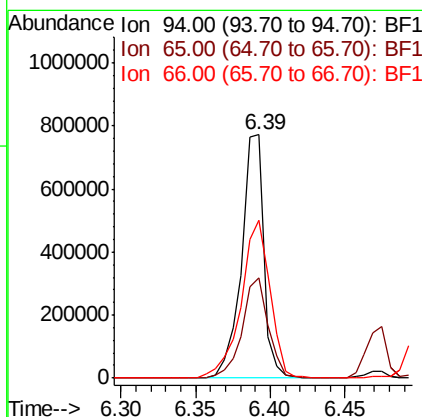
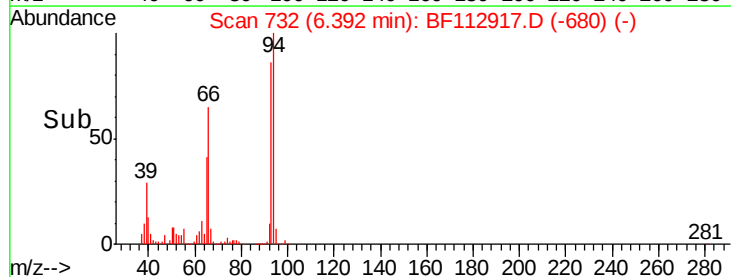
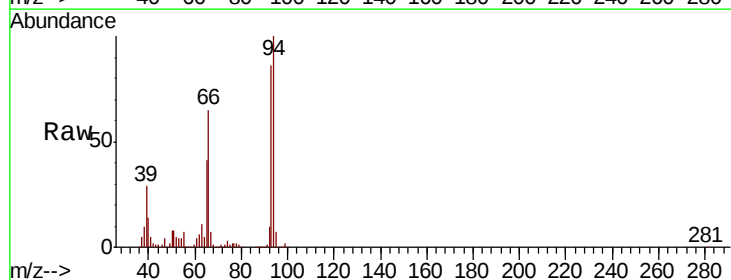
RT: 6.39 min Scan# 732

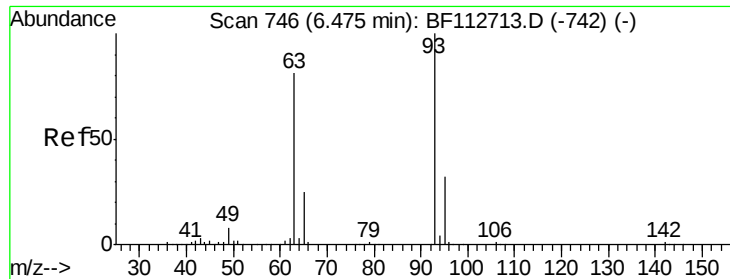
Delta R.T. 0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Tgt Ion:	94	Resp:	808399
Ion Ratio	Lower	Upper	
94	100		
65	40.9	10.5	50.5
66	64.8	22.6	62.6#





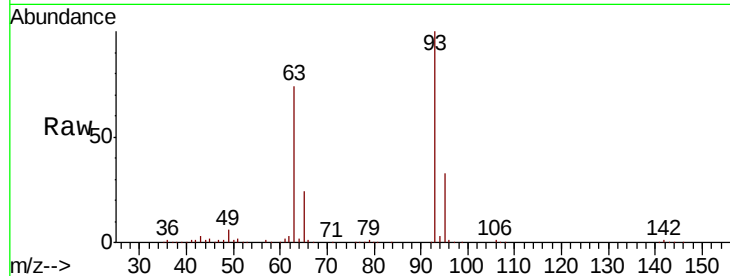
#11
bis(2-Chloroethyl)ether
Concen: 36.557 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	60.5	100.5
95	33.3	12.1	52.1

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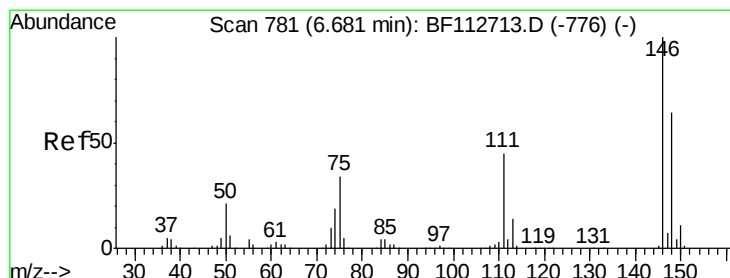
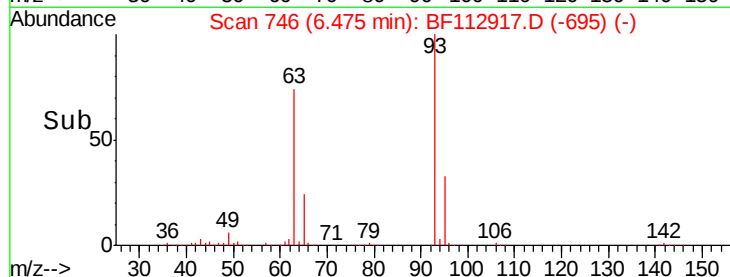
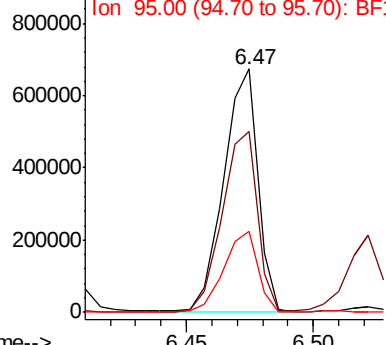


Abundance

Ion 93.00 (92.70 to 93.70): BF1

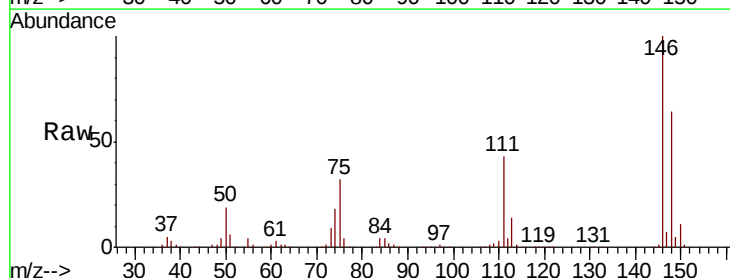
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 38.817 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.9	76.3
75	32.1	26.9	40.3

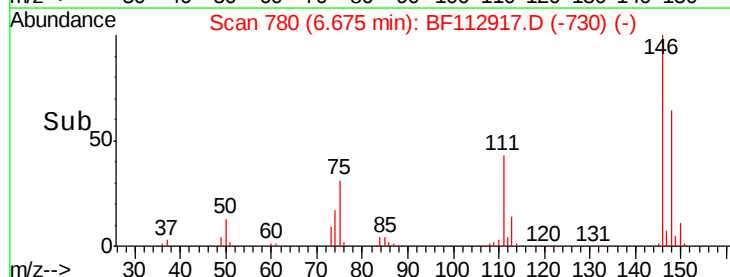
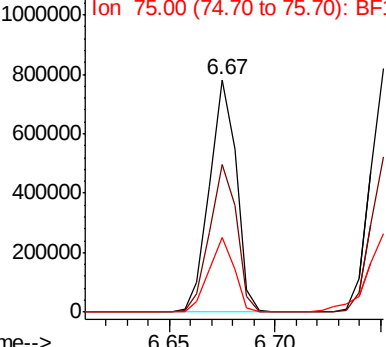


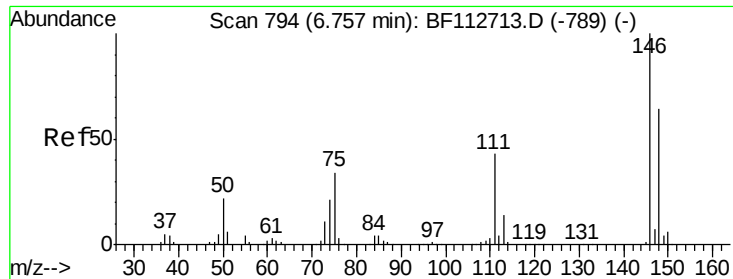
Abundance

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





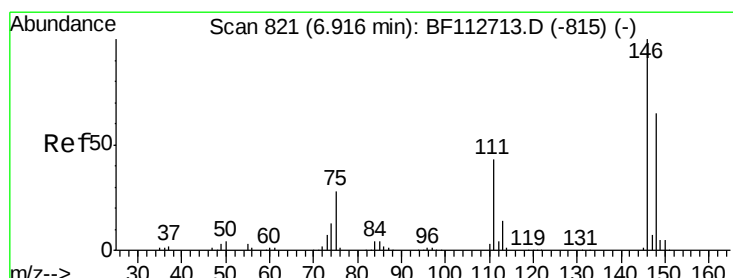
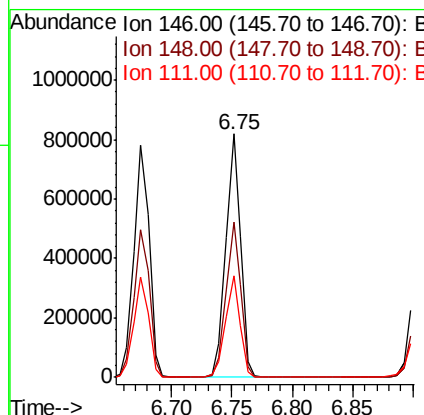
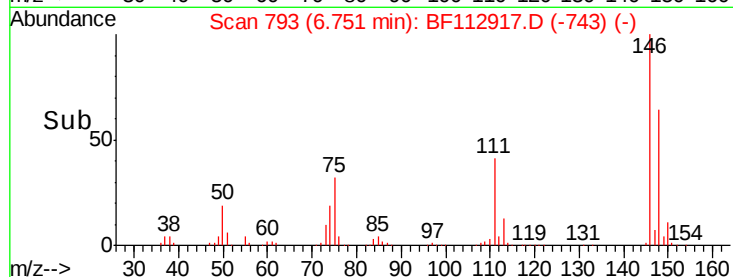
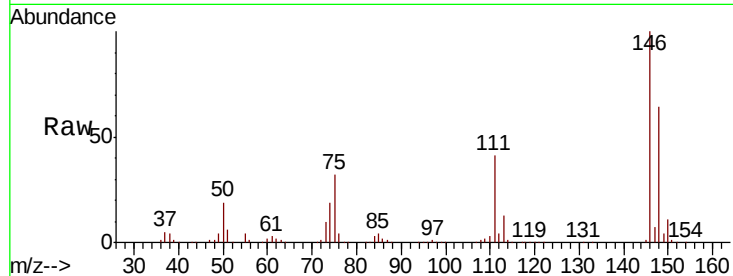
#13
1,4-Dichlorobenzene
Concen: 38.855 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.4
111	41.5	34.5	51.7

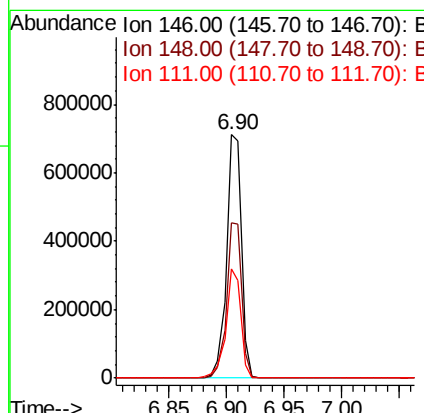
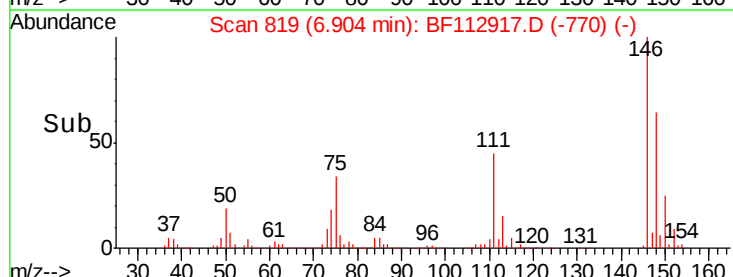
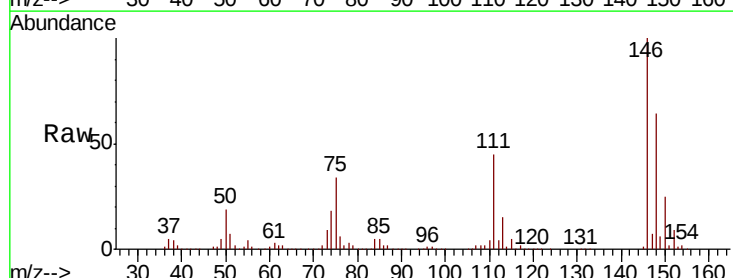
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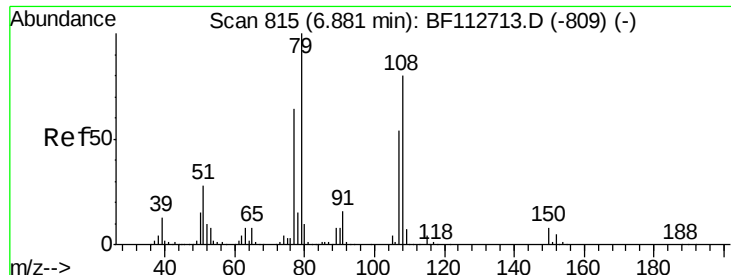
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#14
1,2-Dichlorobenzene
Concen: 39.278 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.0	78.0
111	44.7	34.8	52.2





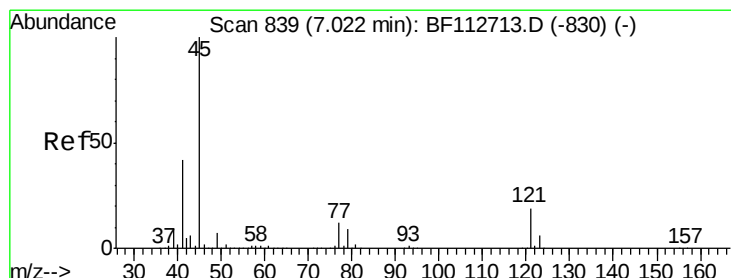
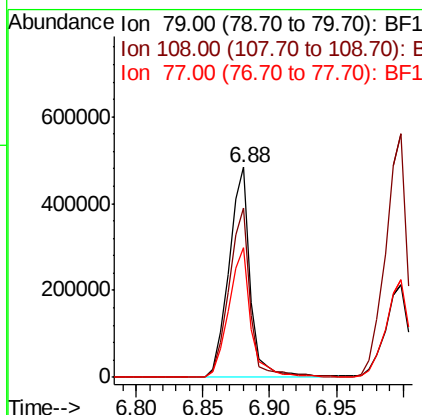
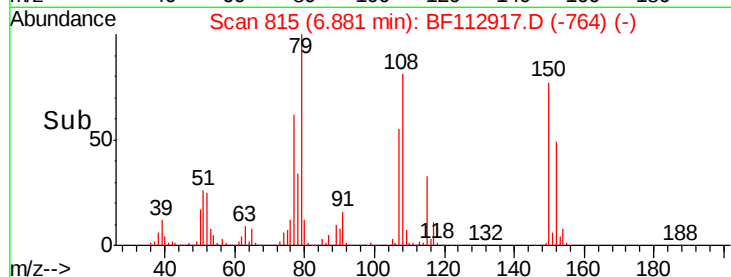
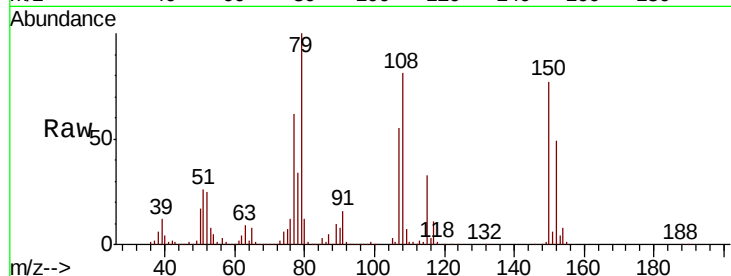
#15
Benzyl Alcohol
Concen: 37.178 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	64.2	96.4
77	61.9	51.1	76.7

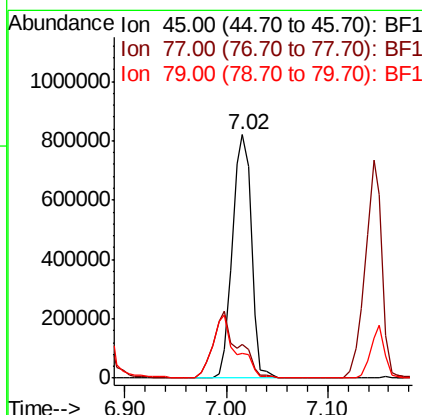
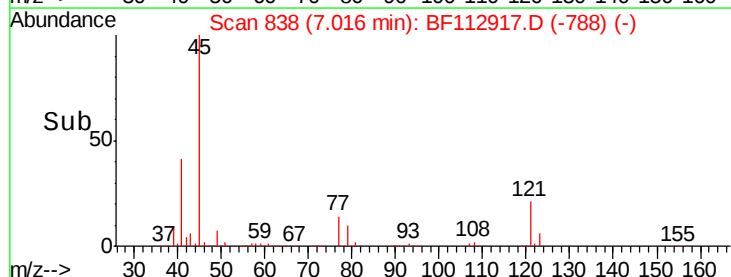
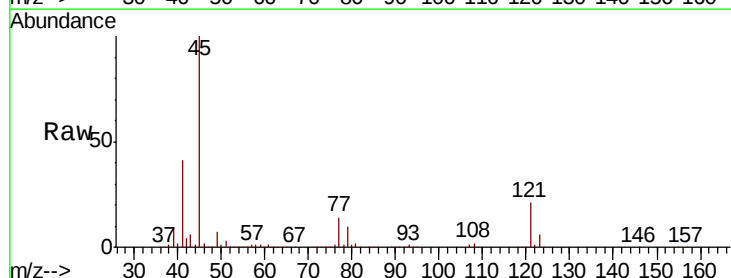
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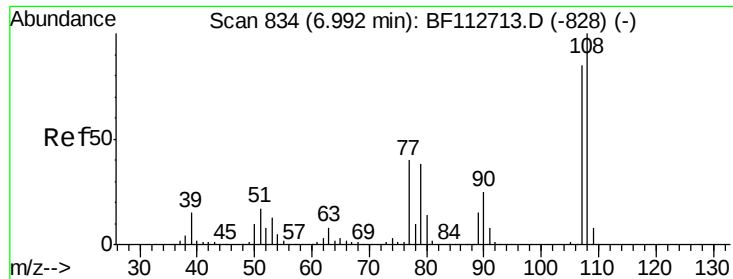
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.851 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	32.1
79	10.3	0.0	29.4





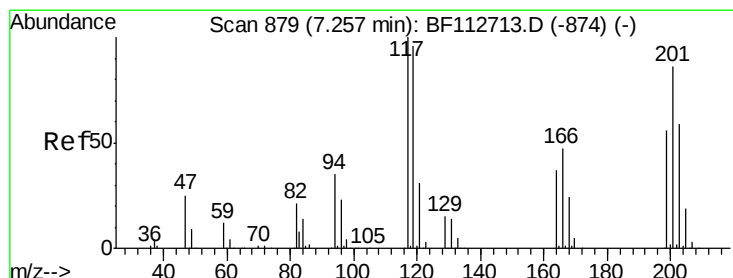
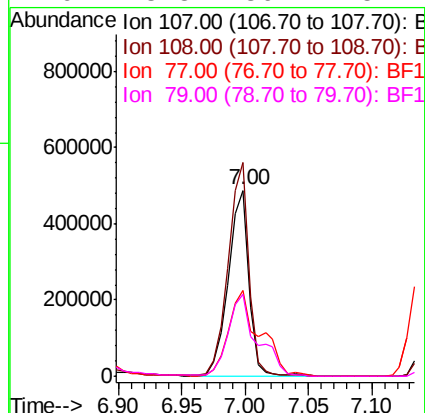
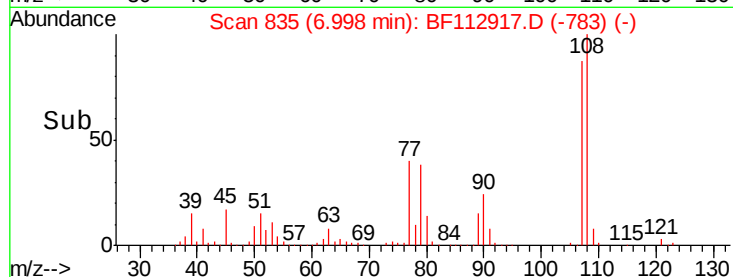
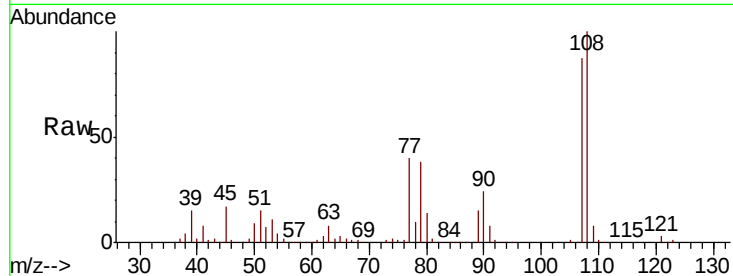
#17
2-Methylphenol
Concen: 39.403 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	94.6	142.0
77	46.1	37.8	56.8
79	43.8	36.2	54.2

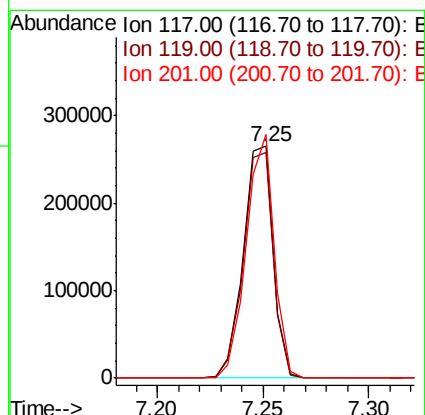
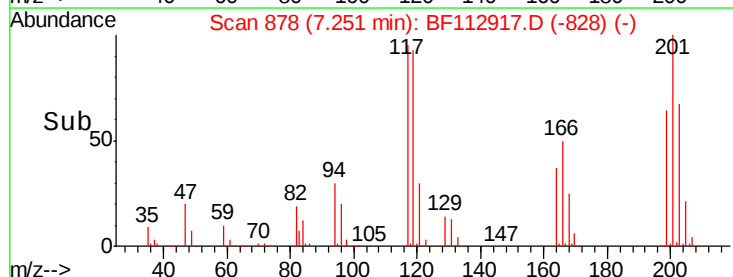
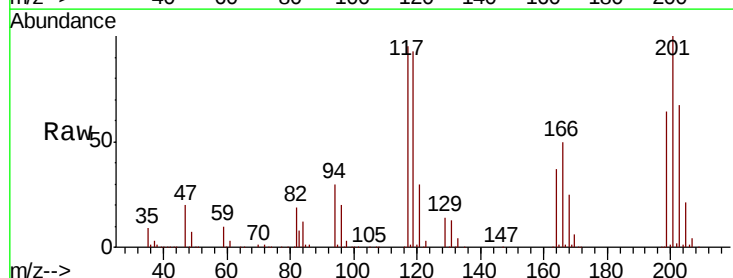
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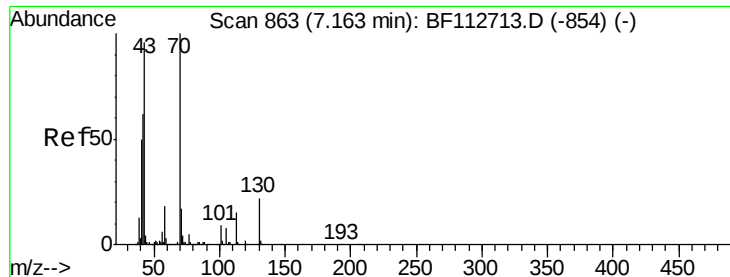
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#18
Hexachloroethane
Concen: 38.031 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.6	115.0
201	105.1	68.9	103.3#





#19

n-Nitroso-di-n-propylamine

Concen: 36.048 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

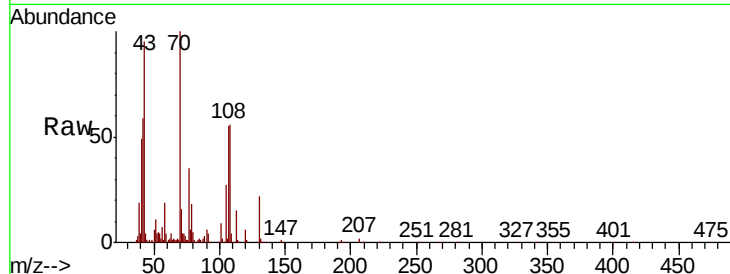
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.3	49.9	74.9	
101	9.3	7.4	11.2	
130	21.8	17.4	26.2	

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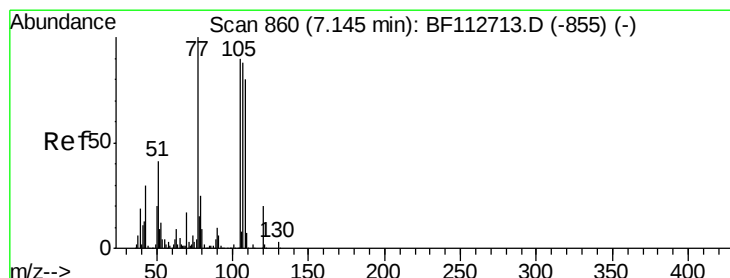
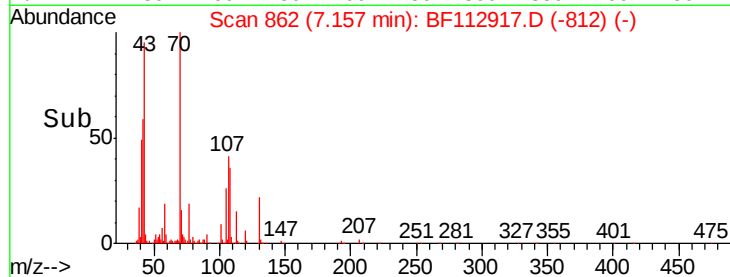
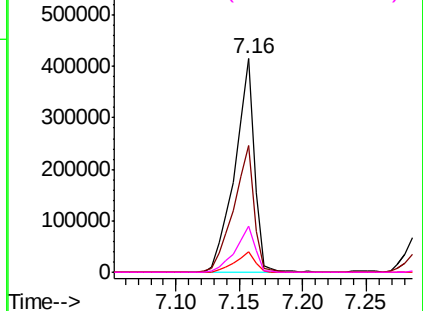
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 37.138 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.5	71.4	111.4	
77	107.3	94.1	134.1	
79	31.3	8.6	48.6	

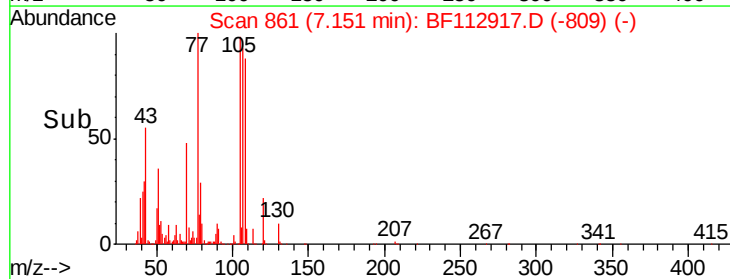
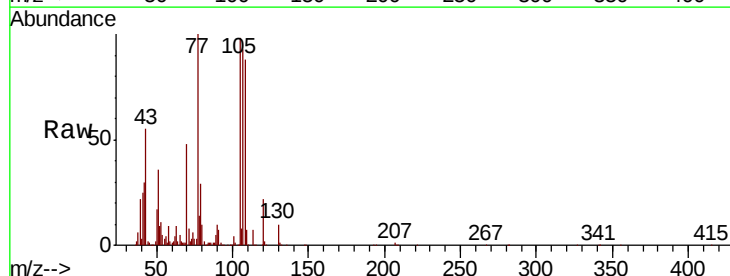
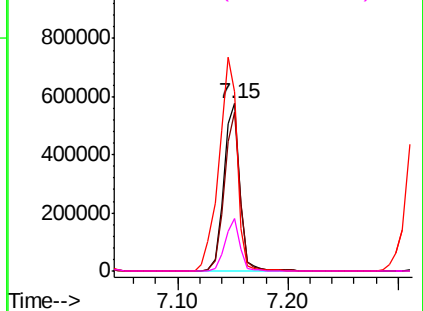
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





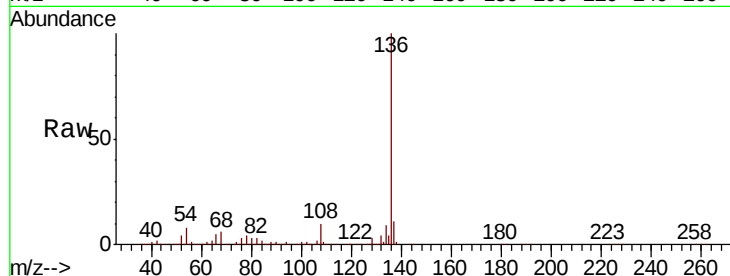
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		955020		
137	11.4	8.9	13.3		
54	8.2	7.3	10.9		
68	6.3	5.4	8.2		

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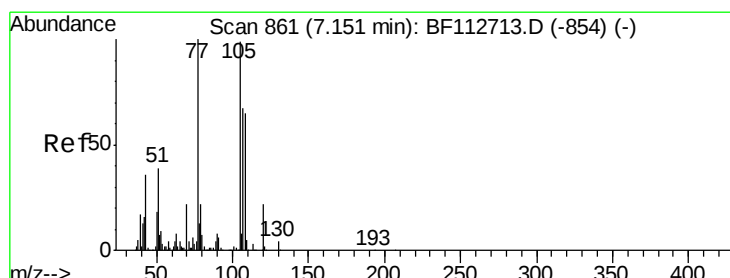
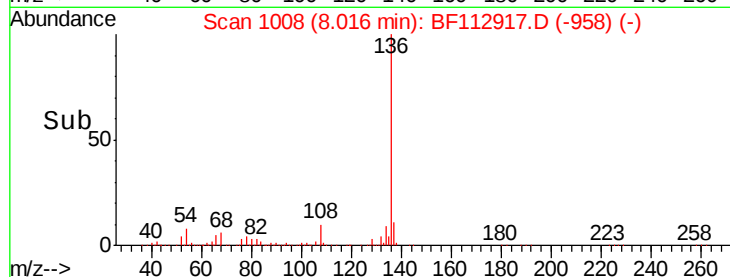
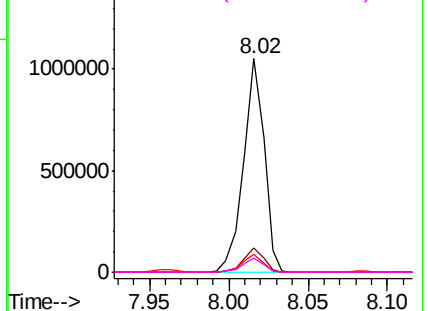
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.381 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		879405		
71	3.9	3.0	4.4		
51	36.9	31.5	47.3		
120	23.3	18.1	27.1		

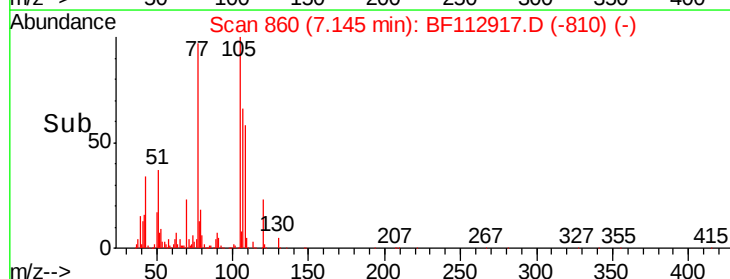
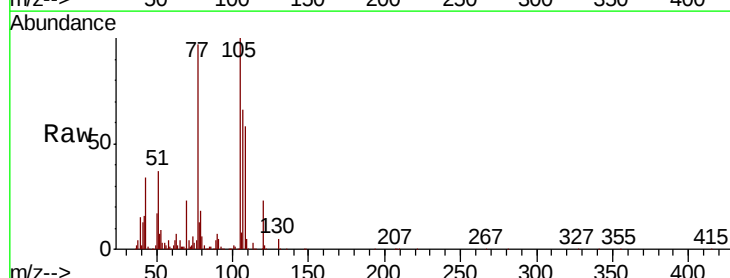
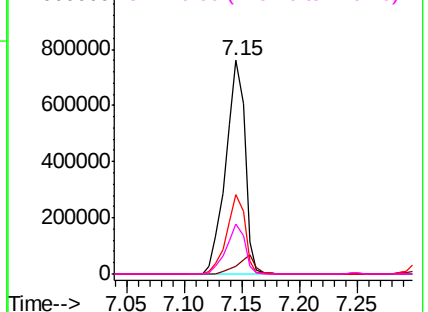
Abundance

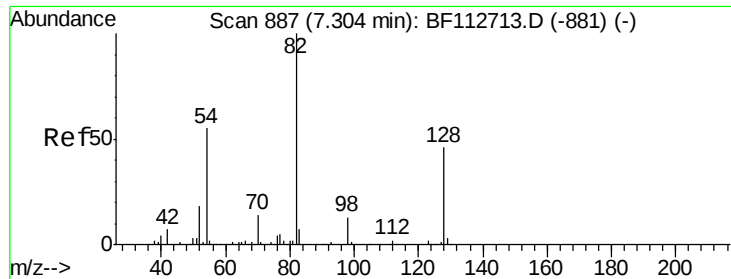
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





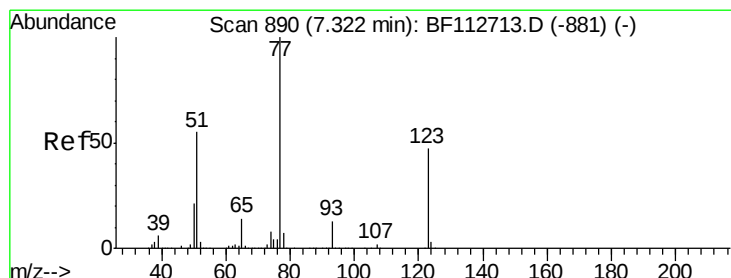
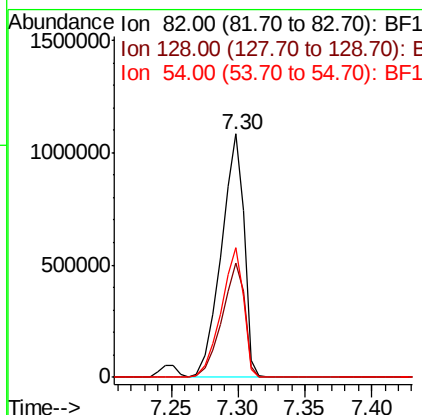
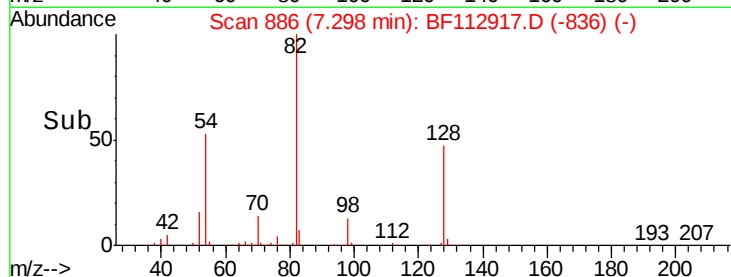
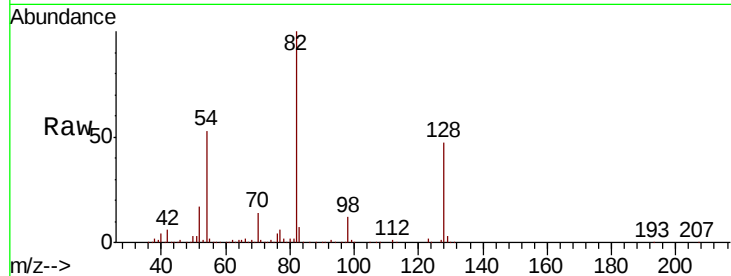
#23
Nitrobenzene-d5
Concen: 81.643 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	53.2	43.7	65.5

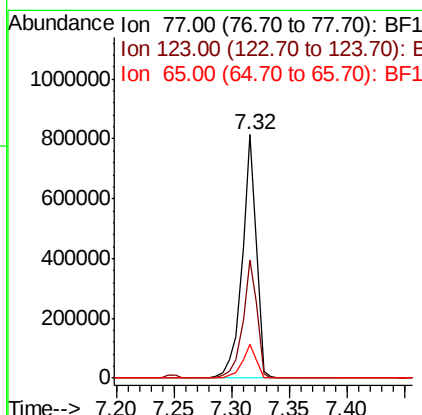
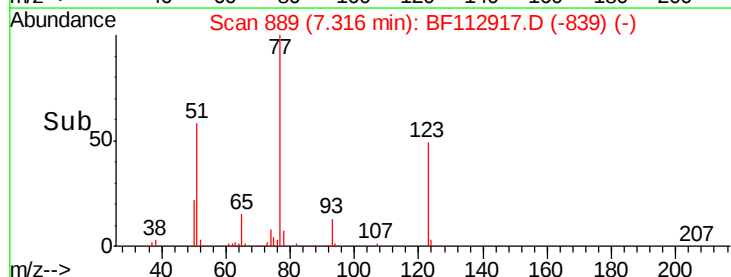
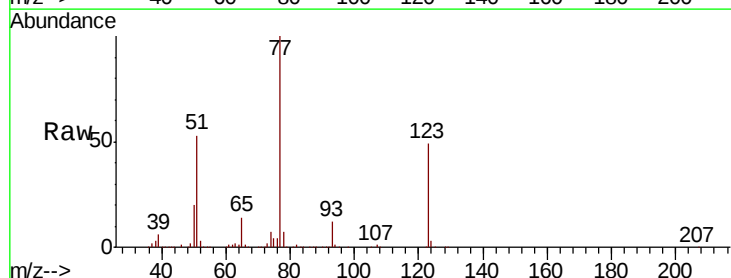
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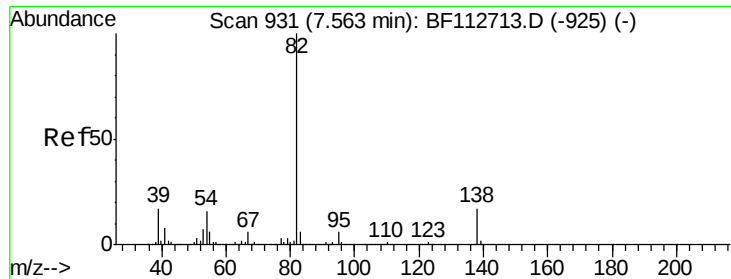
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#24
Nitrobenzene
Concen: 38.952 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.8	56.6
65	13.6	11.1	16.7





#25

Isophorone

Concen: 37.664 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1295017

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

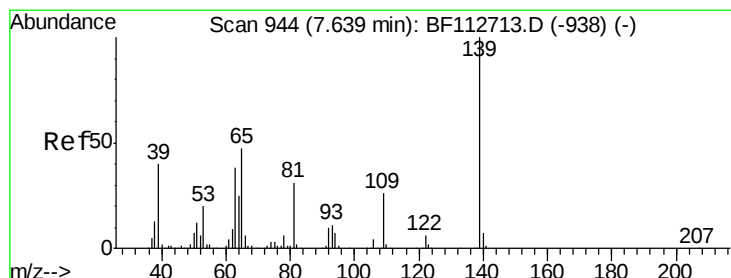
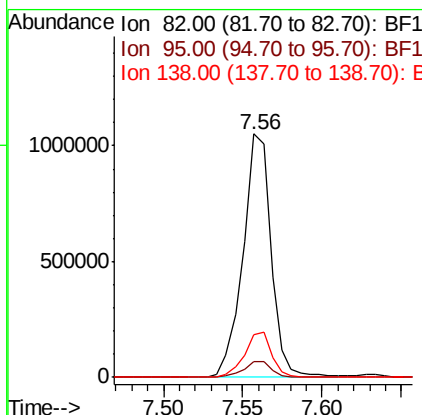
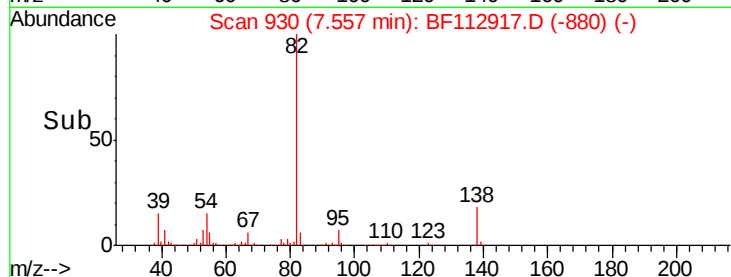
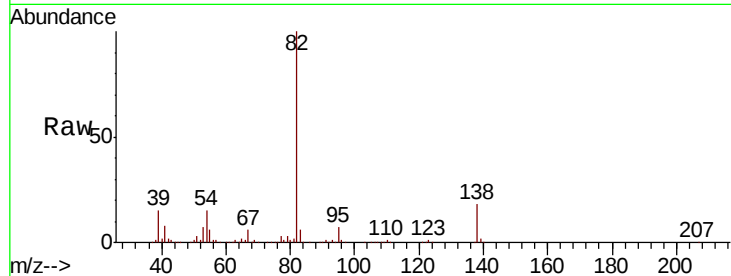
138 17.5 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 49.384 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

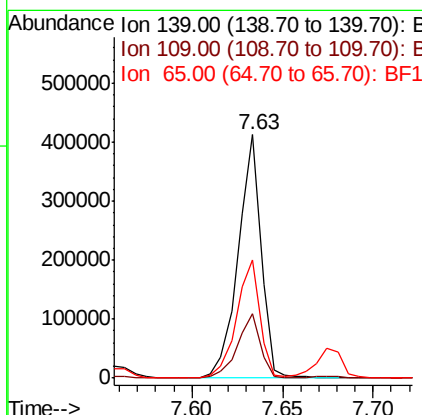
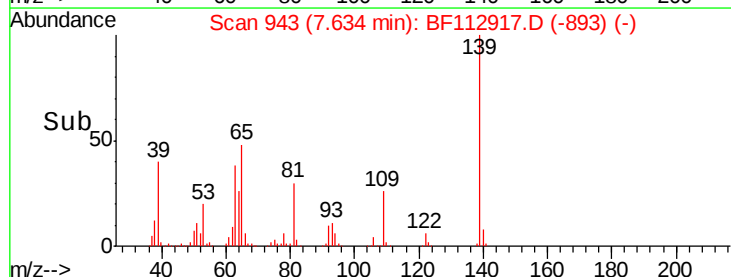
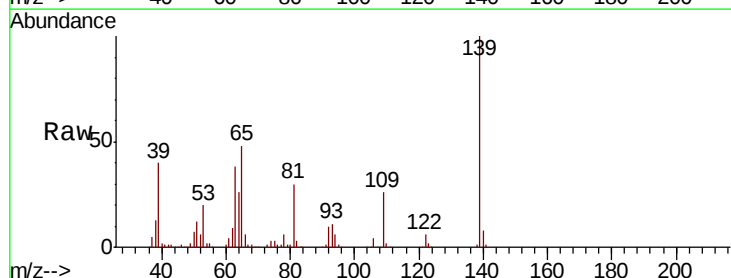
Tgt Ion: 139 Resp: 365172

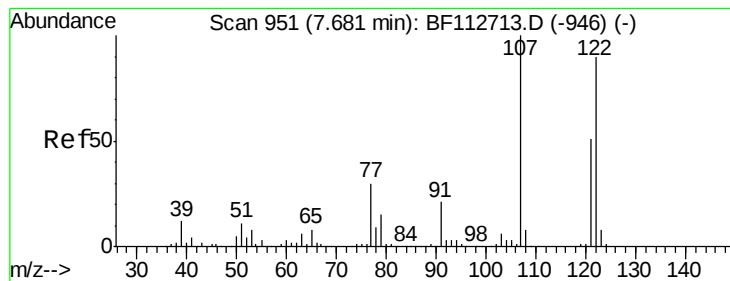
Ion Ratio Lower Upper

139 100

109 26.2 20.6 31.0

65 48.5 37.9 56.9





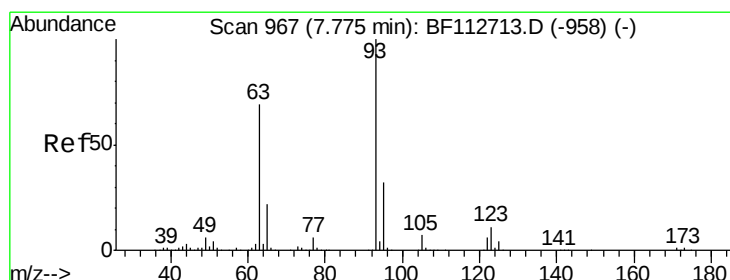
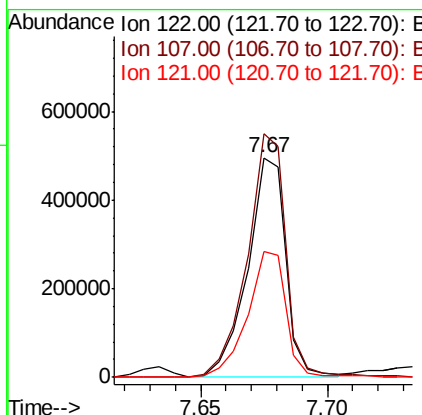
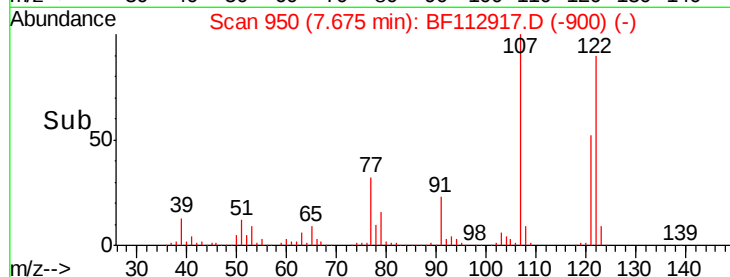
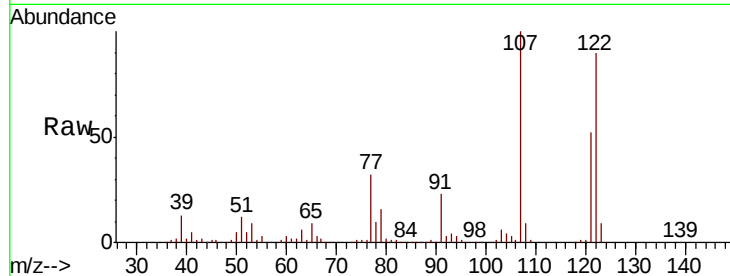
#27
2,4-Dimethylphenol
Concen: 37.958 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	522185		
107	110.8		89.4	134.0
121	57.1		45.5	68.3

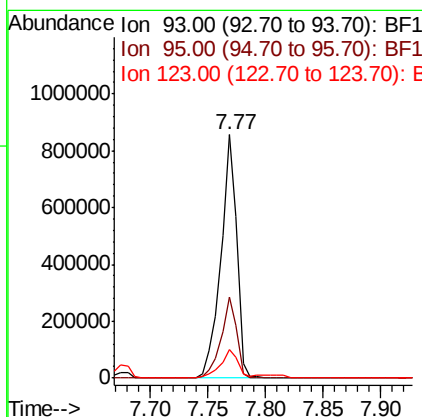
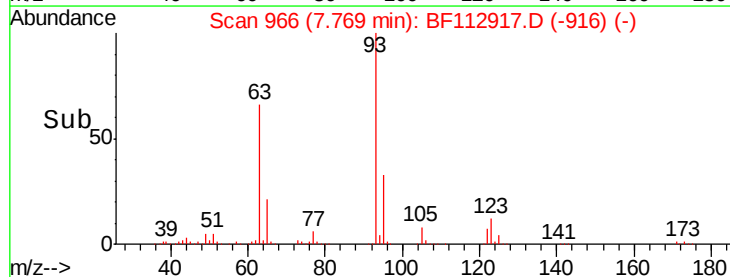
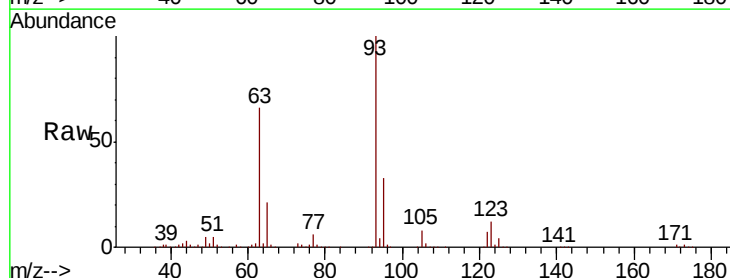
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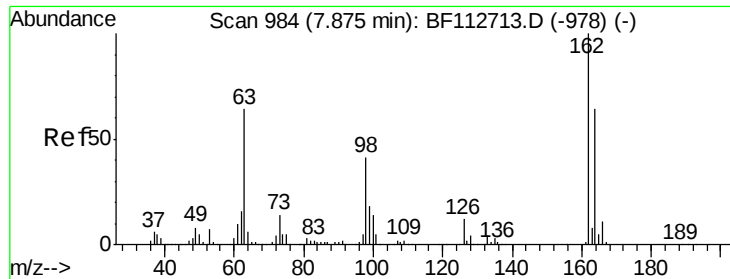
Sohil
3/8/2019 9:26:03 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.322 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	823812		
95	33.1		26.0	39.0
123	11.9		9.3	13.9





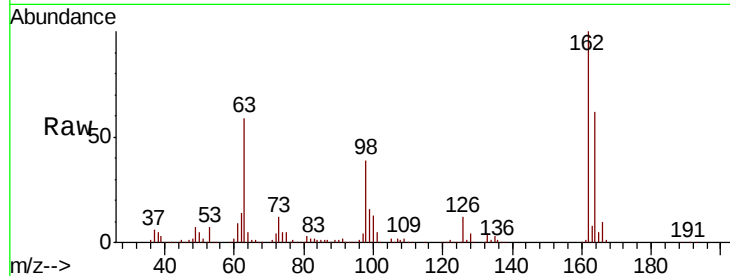
#29
2,4-Dichlorophenol
Concen: 41.407 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

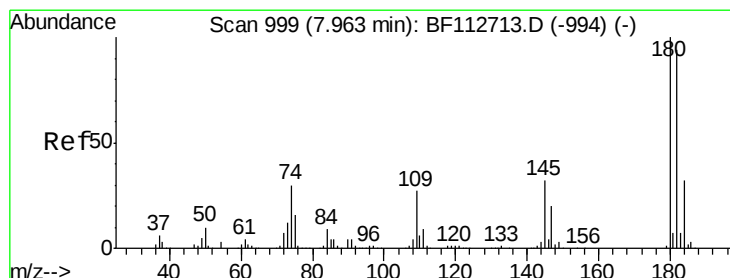
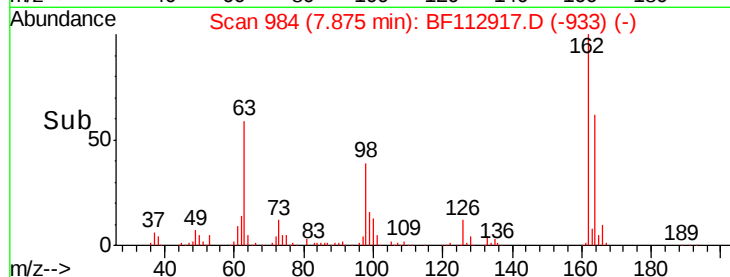
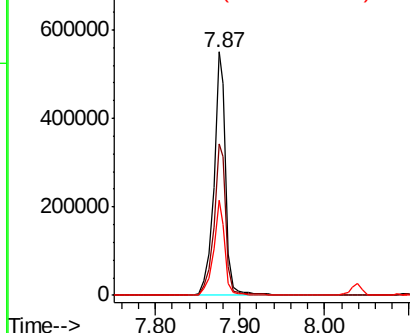
Tot Ion	Ratio	Resp	Lower	Upper
162	100	552396		
164	62.0	44.0	84.0	
98	38.9	20.7	60.7	

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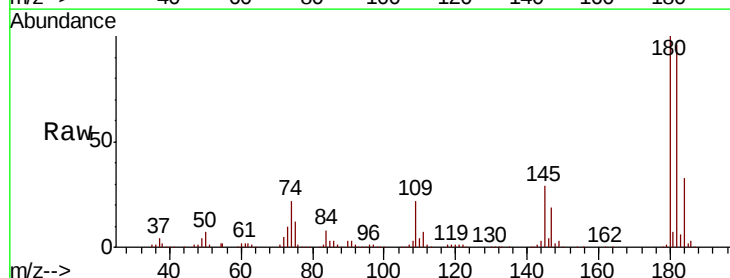


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

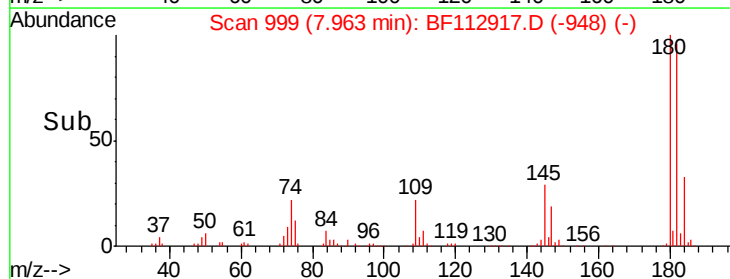
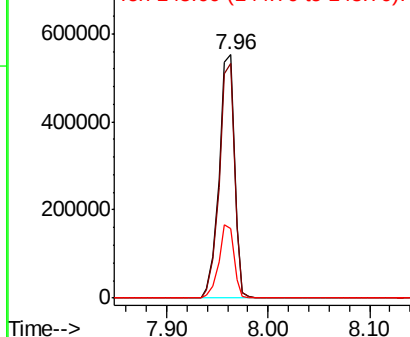


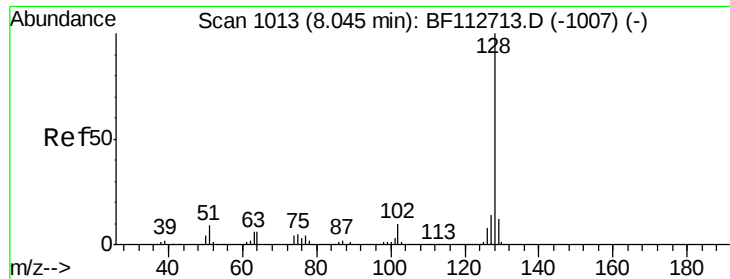
#30
1,2,4-Trichlorobenzene
Concen: 40.981 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	587445		
182	96.2	75.2	112.8	
145	28.8	25.4	38.0	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





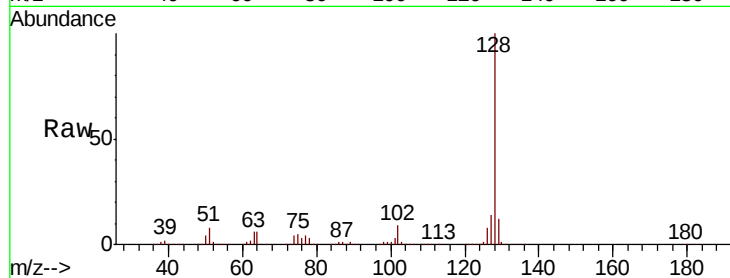
#31
Naphthalene
Concen: 38.166 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.9	10.9	16.3

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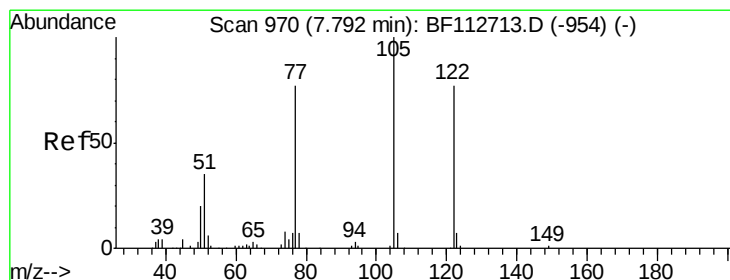
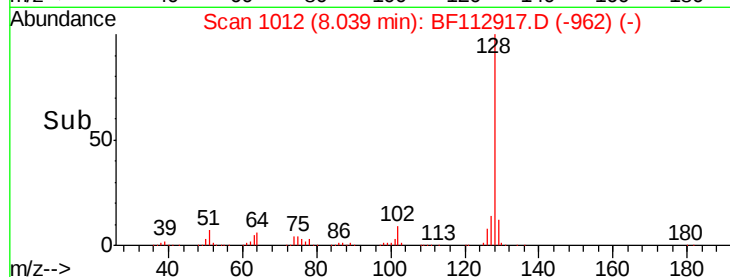
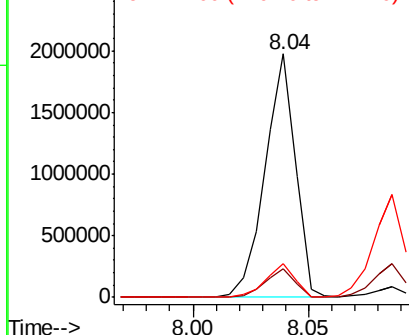


Abundance

Ion 128.00 (127.70 to 128.70): E

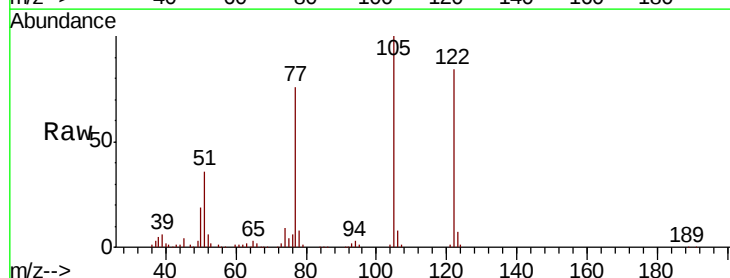
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 46.998 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.8	106.8	146.8
77	90.2	79.4	119.4

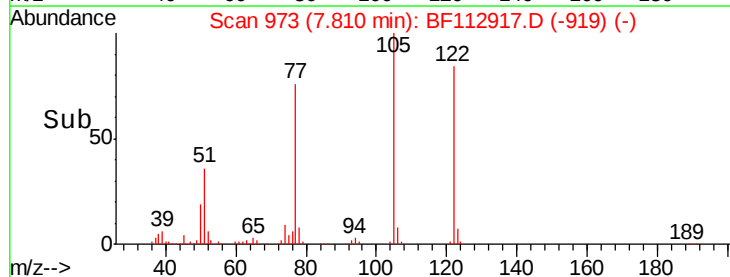
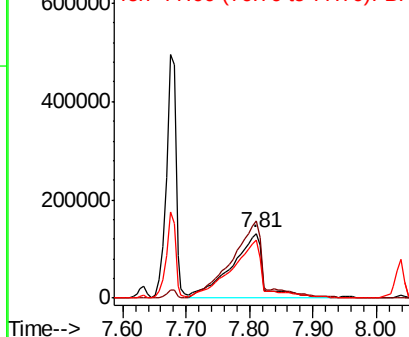


Abundance

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





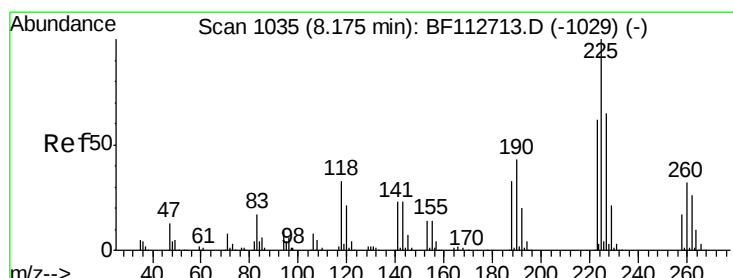
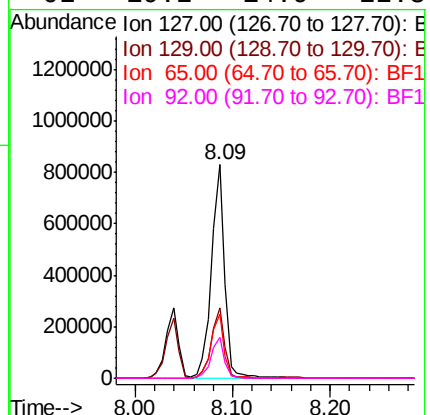
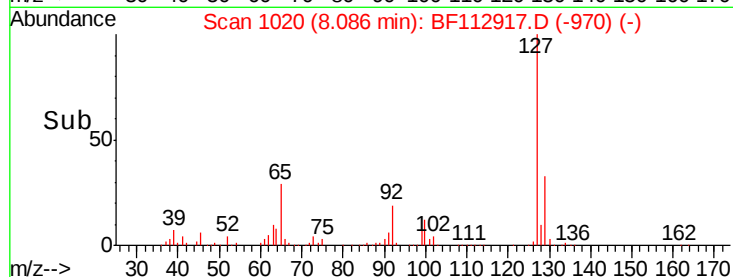
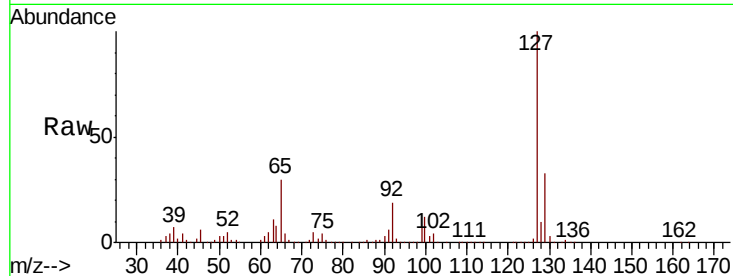
#33
4-Chloroaniline
Concen: 39.030 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		783814		
129	32.8	26.4	39.6		
65	29.9	23.1	34.7		
92	19.2	14.9	22.3		

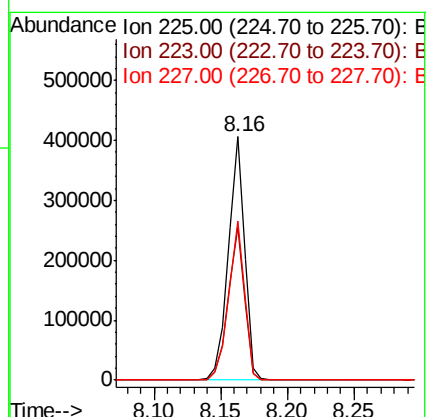
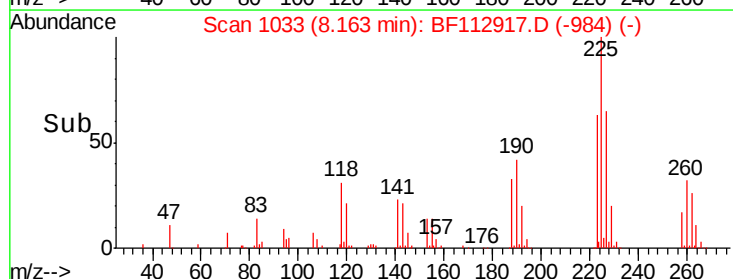
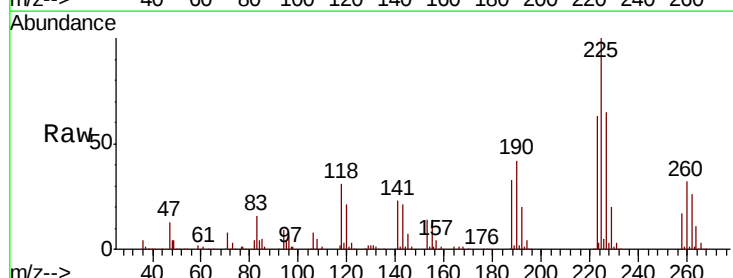
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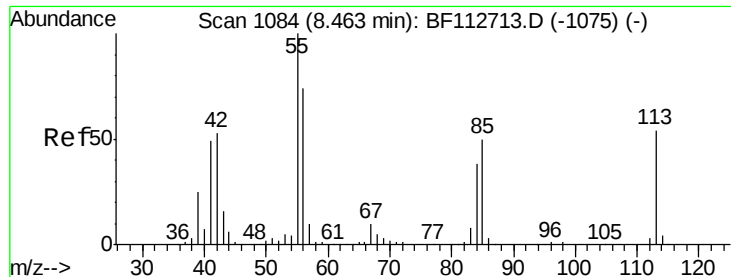
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#34
Hexachlorobutadiene
Concen: 43.748 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		353665		
223	62.8	49.7	74.5		
227	65.2	52.1	78.1		





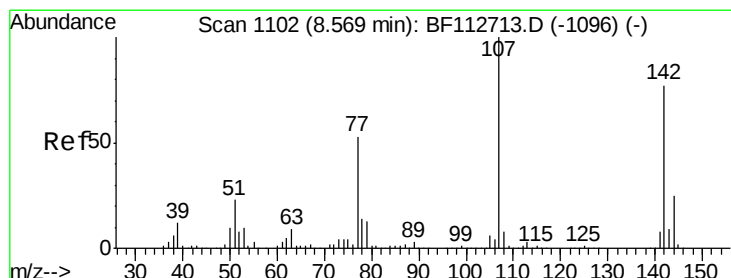
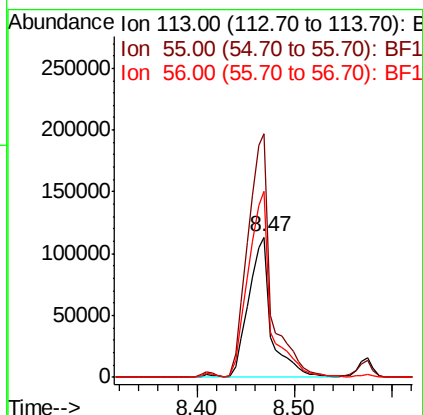
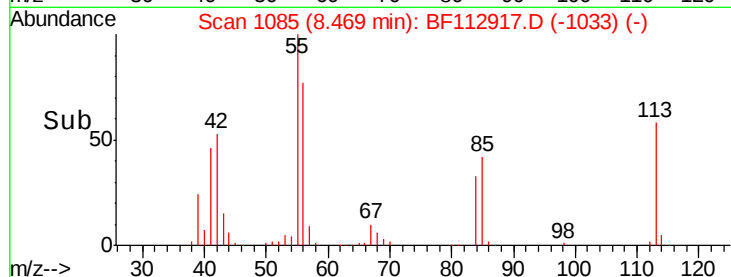
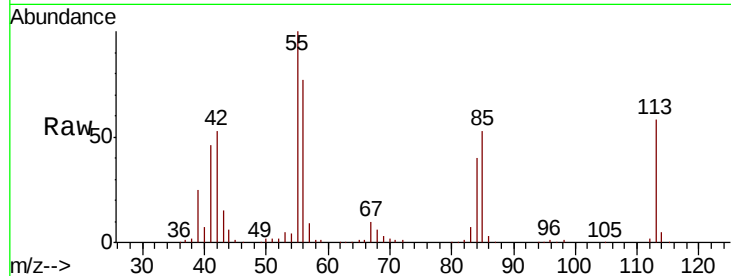
#35
Caprolactam
Concen: 39.516 ng/ml
RT: 8.47 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.8	163.5	203.5
56	133.0	115.3	155.3

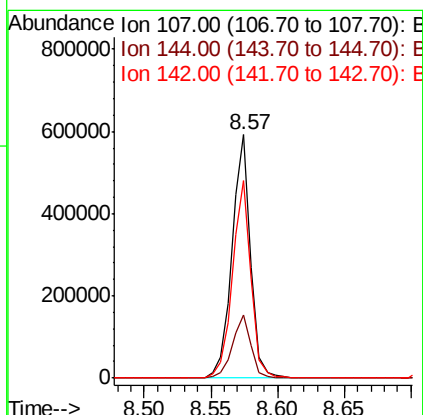
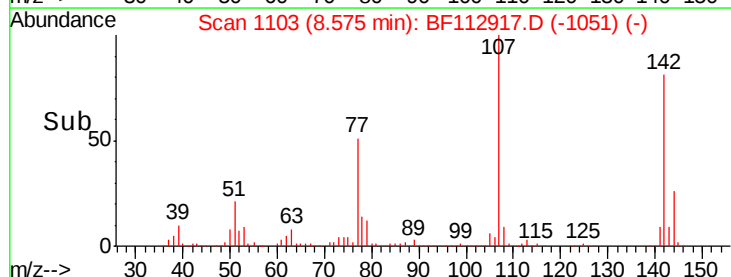
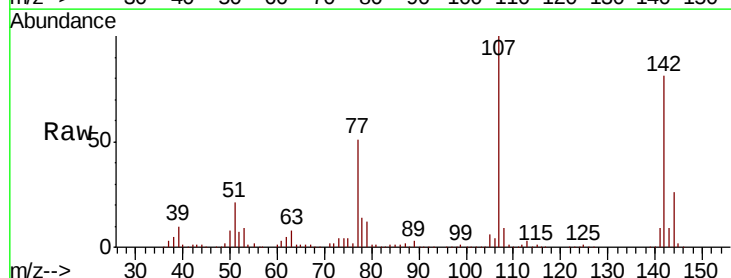
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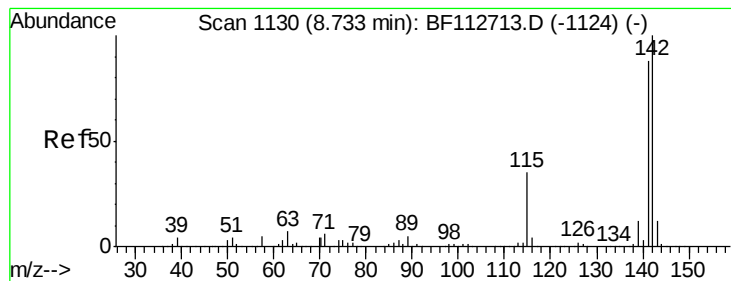
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#36
4-Chloro-3-methylphenol
Concen: 39.197 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.1	30.1
142	81.3	61.9	92.9





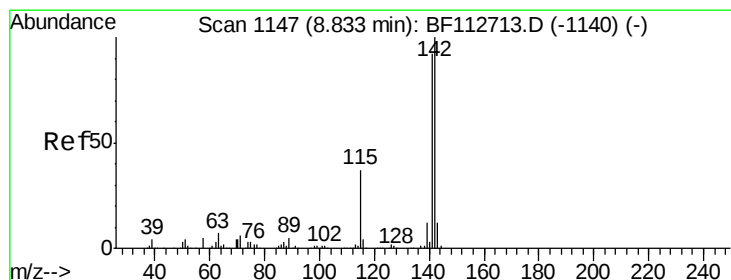
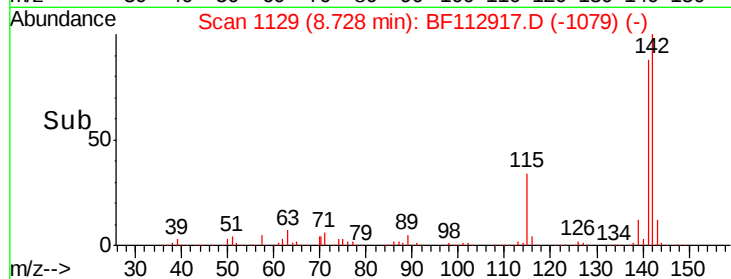
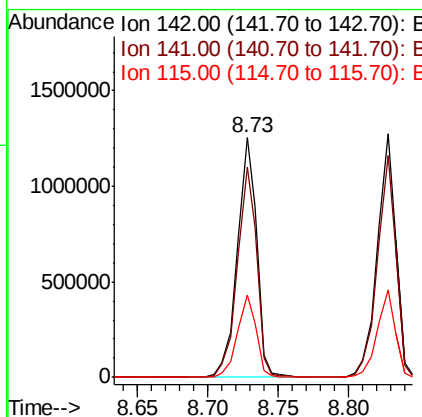
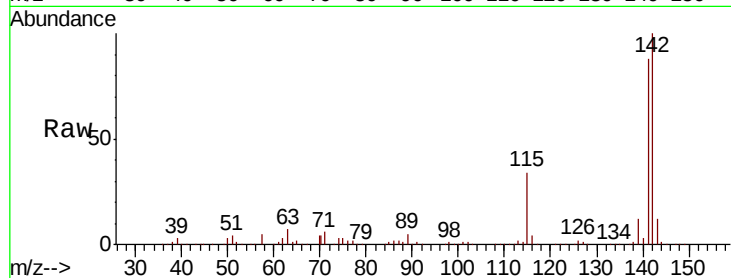
#37
2-Methylnaphthalene
Concen: 38.957 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5
115	34.3	27.8	41.6

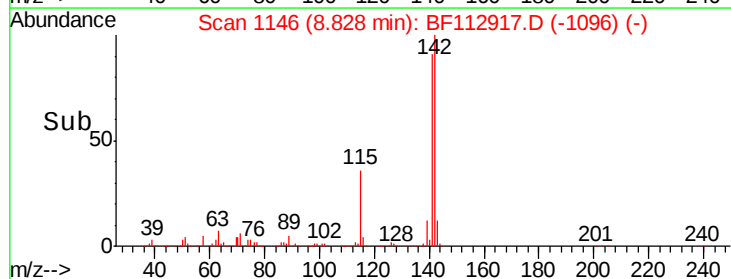
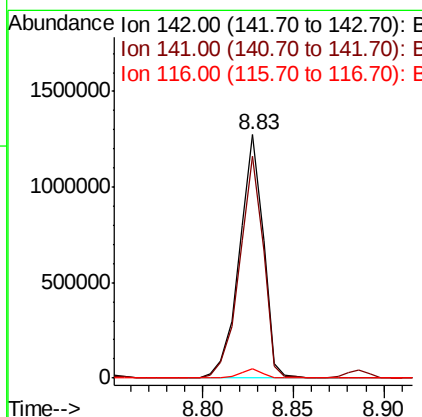
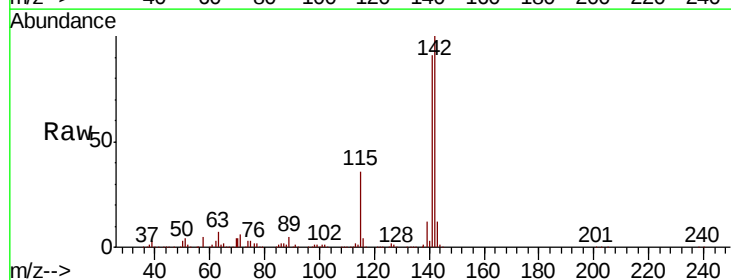
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#38
1-Methylnaphthalene
Concen: 39.170 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.7	110.5
116	3.8	3.1	4.7





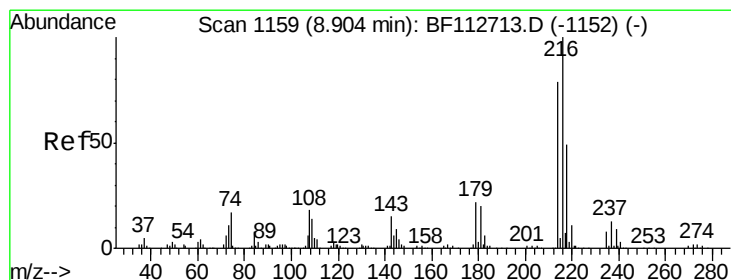
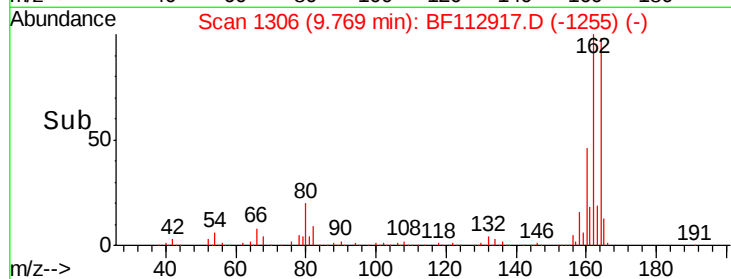
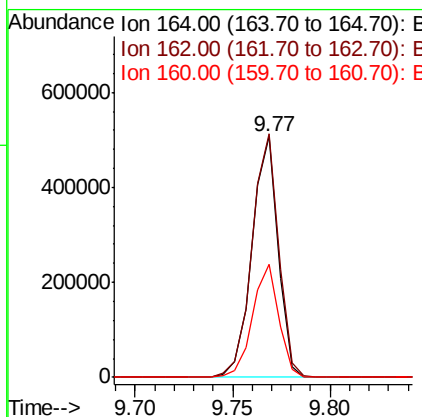
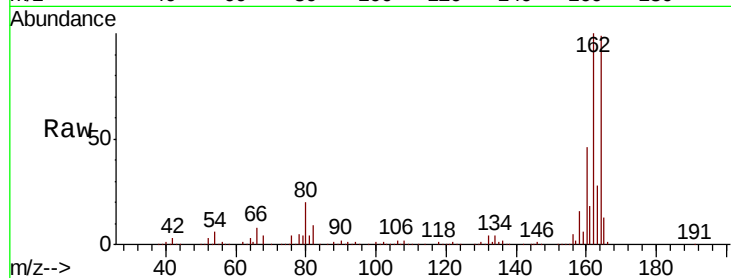
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	80.6	120.8	
160	46.9	36.0	54.0	

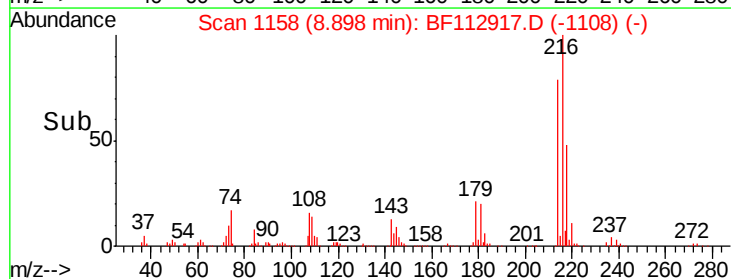
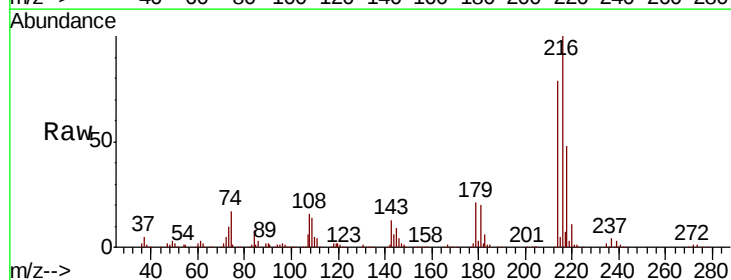
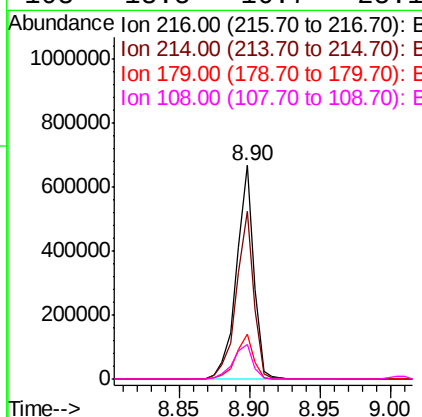
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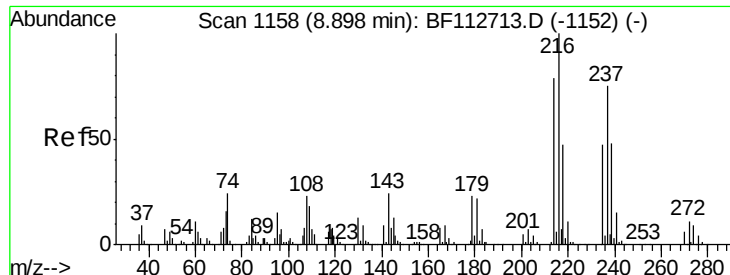
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.488 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.2	94.8	
179	21.1	17.5	26.3	
108	18.5	16.7	25.1	





#41

Hexachlorocyclopentadiene

Concen: 42.961 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

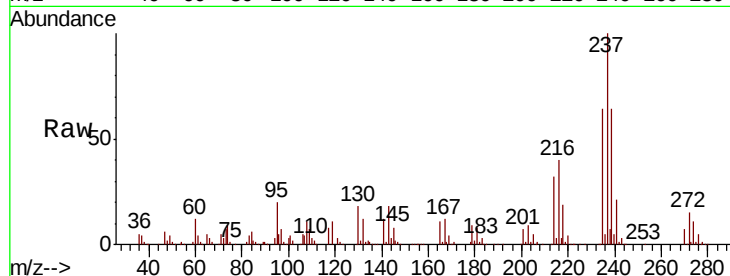
ClientSampleId :

SSTDCCC040

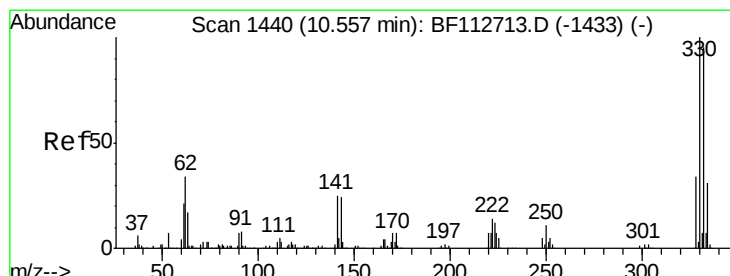
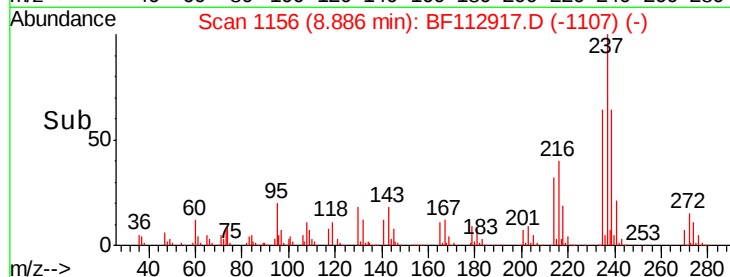
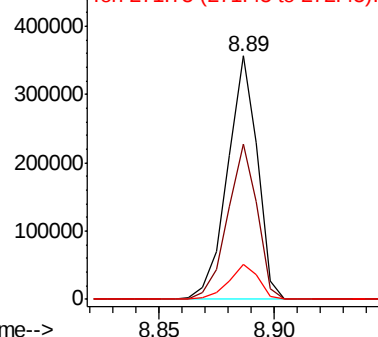
Tot Ion:	237	Resp:	321943
Ion Ratio	Lower	Upper	
237	100		
235	64.0	42.2	82.2
272	14.5	0.0	34.0

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



#42

2,4,6-Tribromophenol

Concen: 85.892 ng

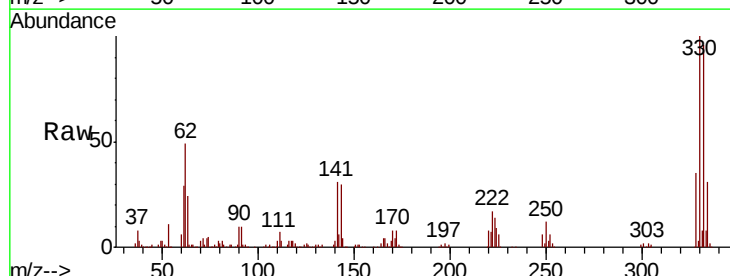
RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

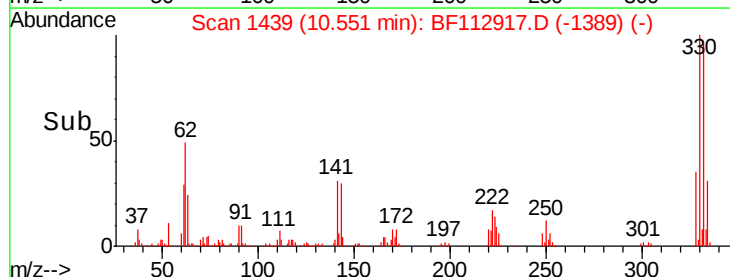
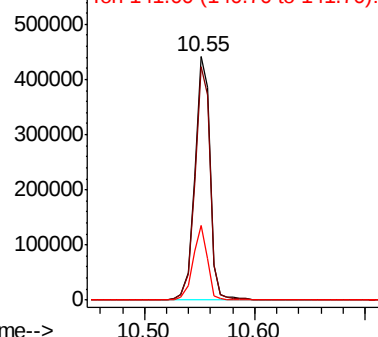
Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Tgt Ion:	330	Resp:	427919
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.2	114.4
141	28.6	27.0	40.6



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





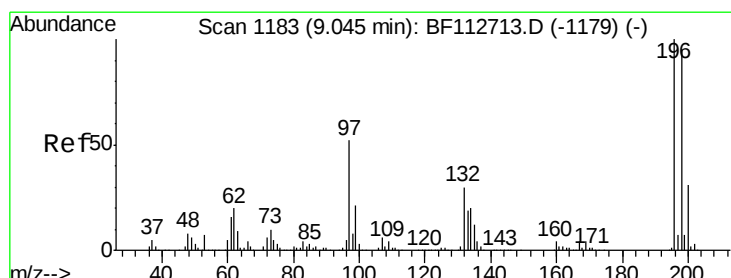
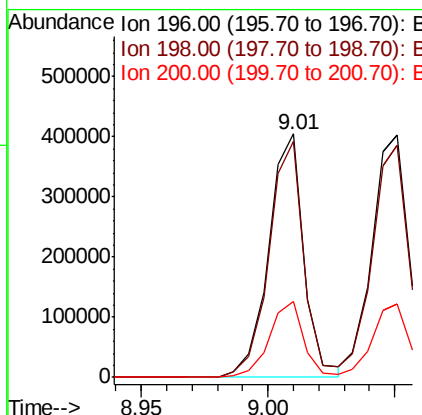
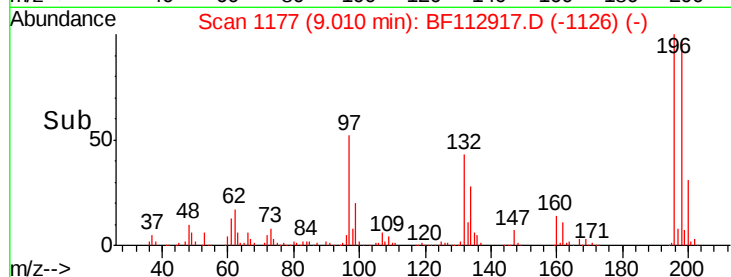
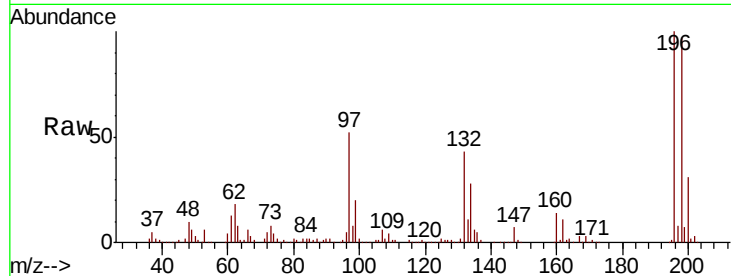
#43
 2,4,6-Trichlorophenol
 Concen: 41.917 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	394784		
198	96.7	75.8	113.8	
200	30.9	24.3	36.5	

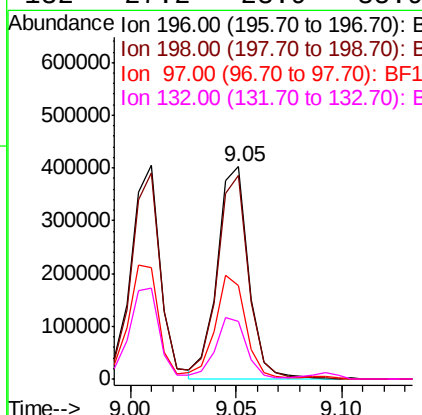
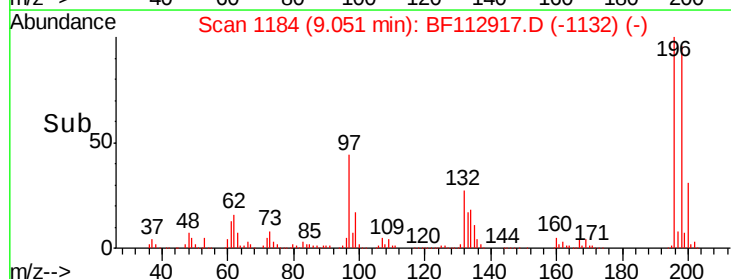
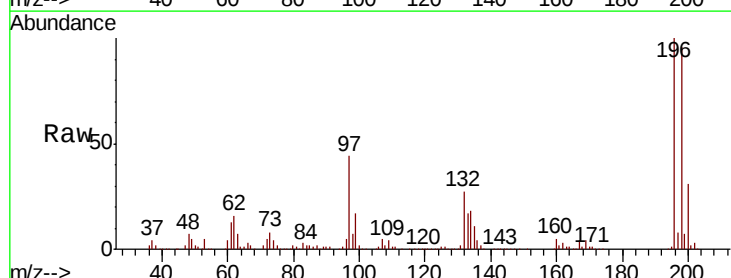
Manual Integrations
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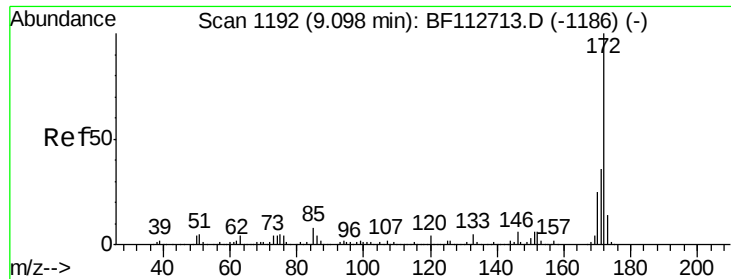
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 40.485 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	412136		
198	95.8	76.2	114.2	
97	44.4	41.5	62.3	
132	27.2	23.9	35.9	





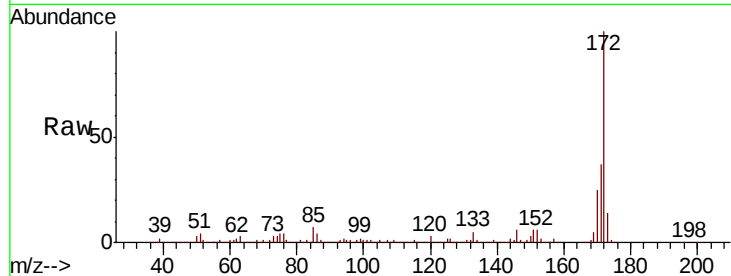
#45
2-Fluorobiphenyl
Concen: 80.323 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	25.1	20.0	30.0

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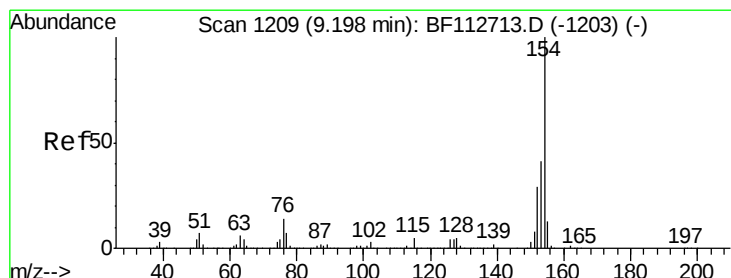
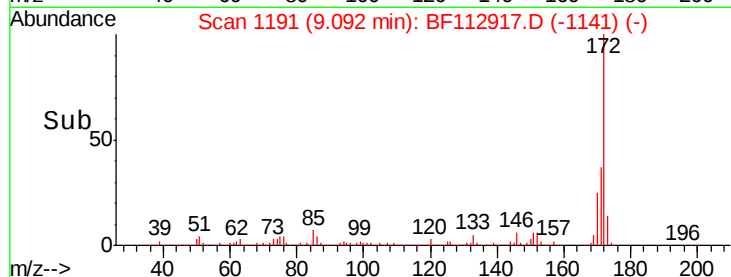
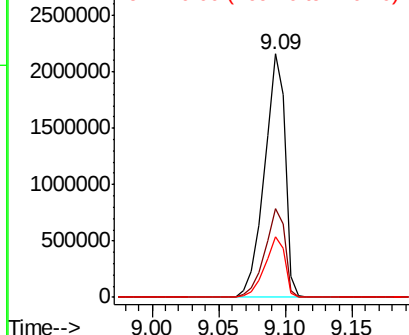


Abundance

Ion 172.00 (171.70 to 172.70): E

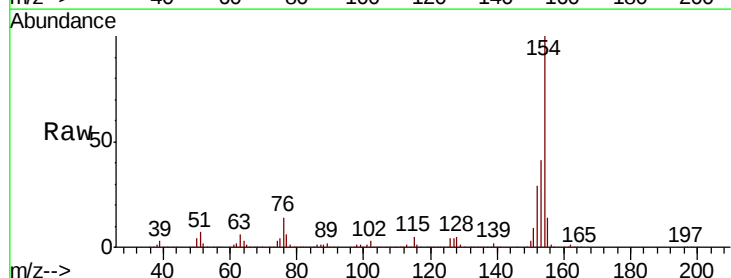
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.998 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.8	60.8
76	13.8	0.0	33.8

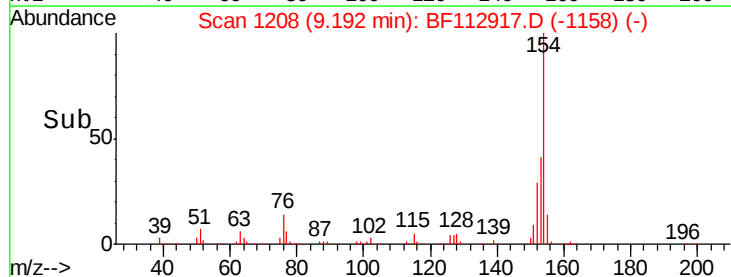
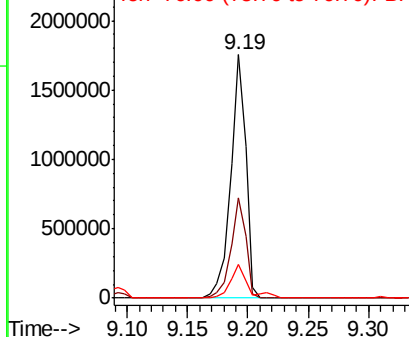


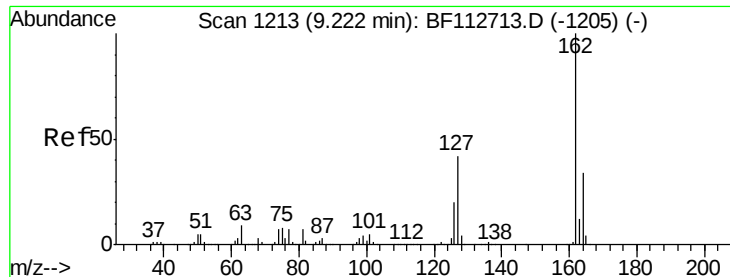
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





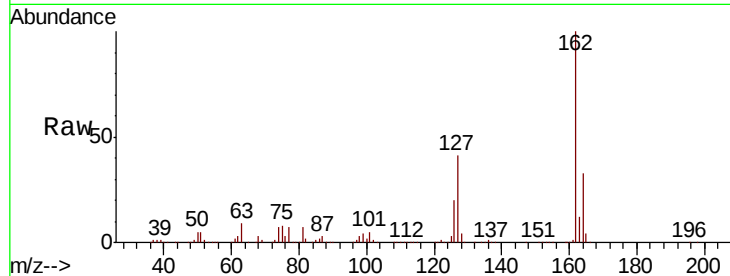
#47
2-Chloronaphthalene
Concen: 39.893 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.4	50.2
164	33.2	26.9	40.3

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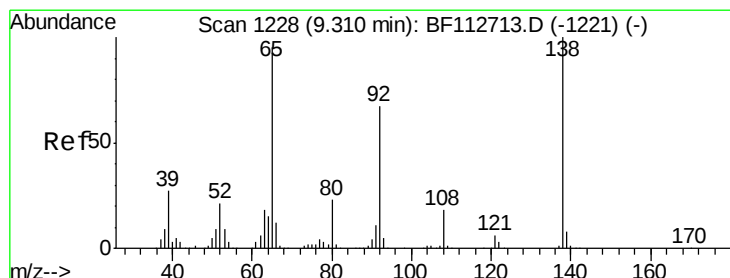
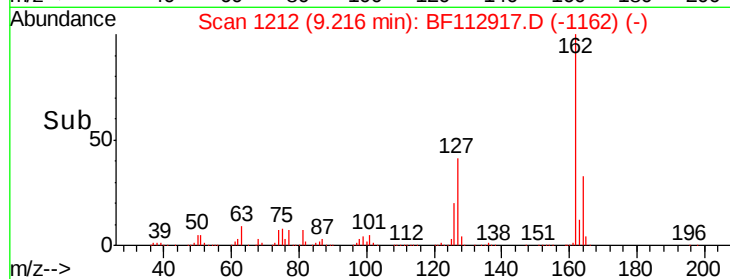
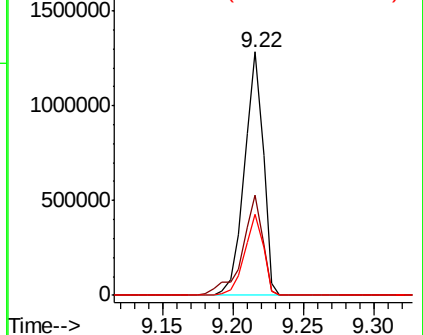


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.152 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

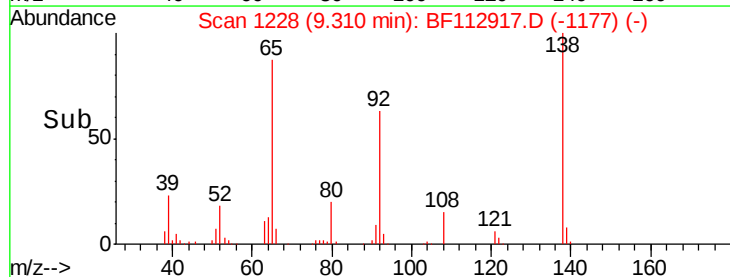
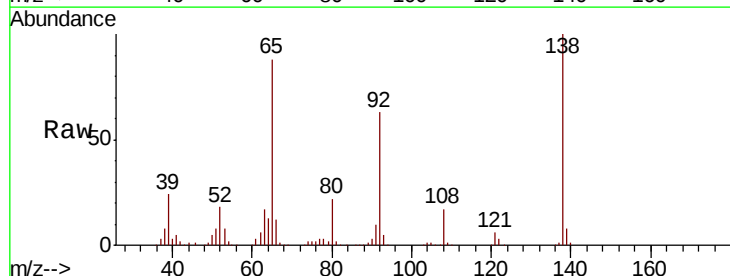
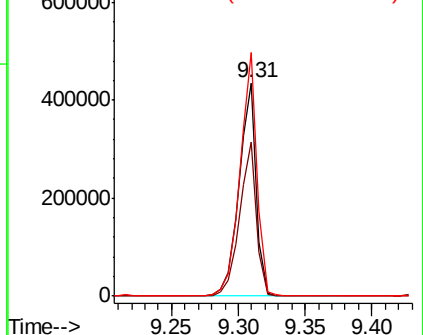
Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	56.4	84.6
138	114.2	84.6	126.8

Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





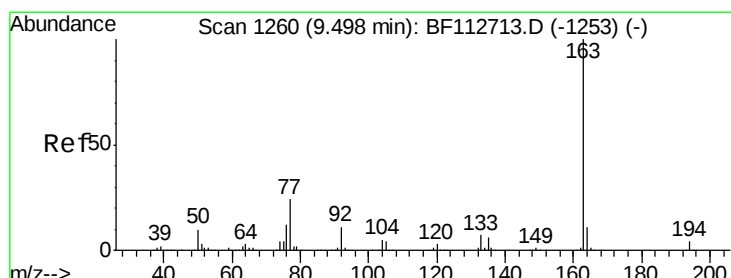
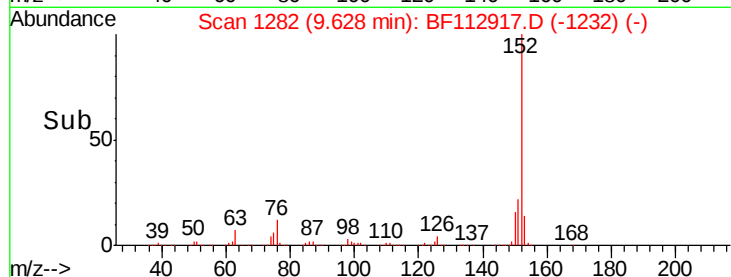
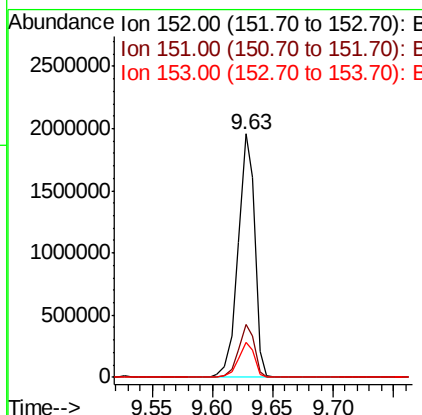
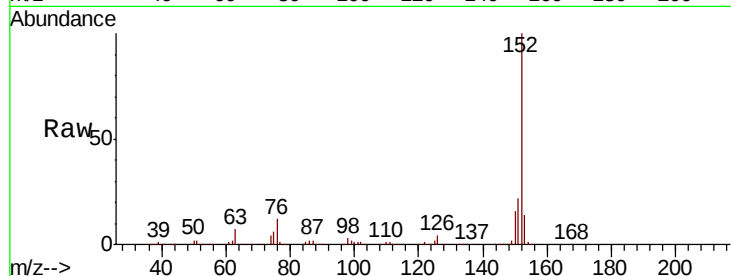
#49
Acenaphthylene
Concen: 37.201 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.9	25.3
153	14.5	11.0	16.6

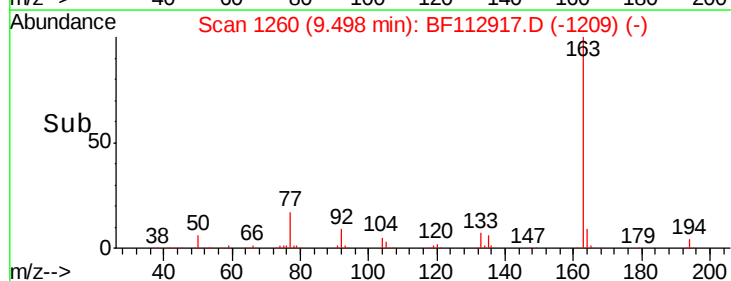
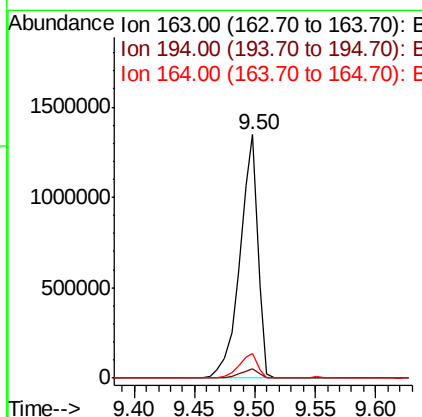
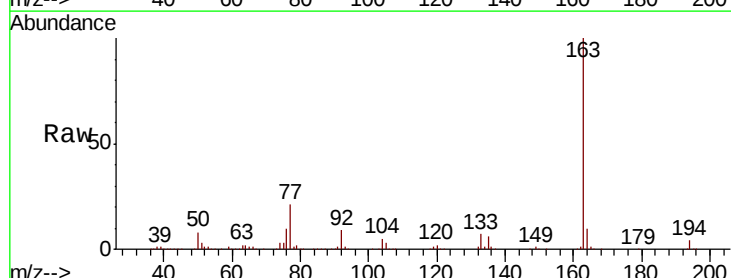
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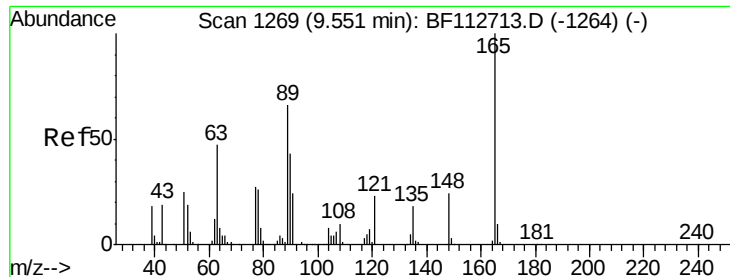
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#50
Dimethylphthalate
Concen: 40.233 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	10.4	8.4	12.6





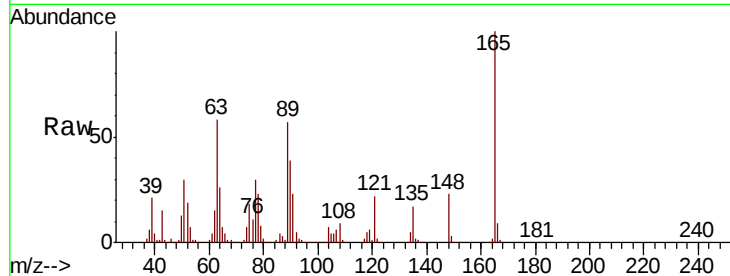
#51
2,6-Dinitrotoluene
Concen: 44.884 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

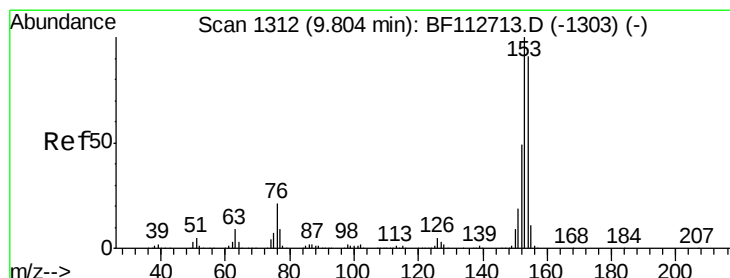
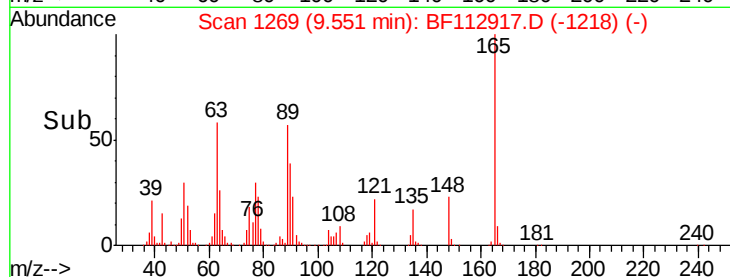
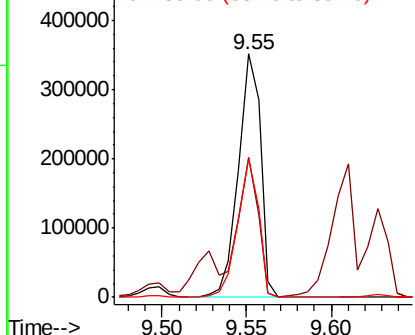
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.7	54.1	81.1
89	56.9	52.8	79.2

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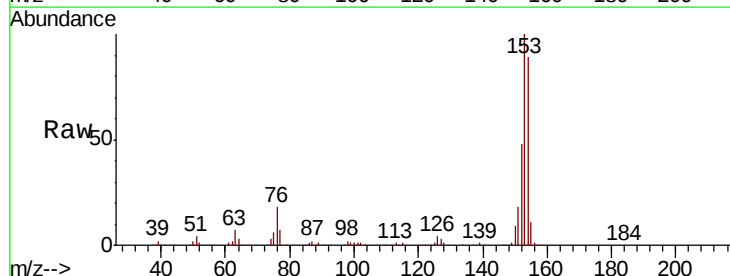


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

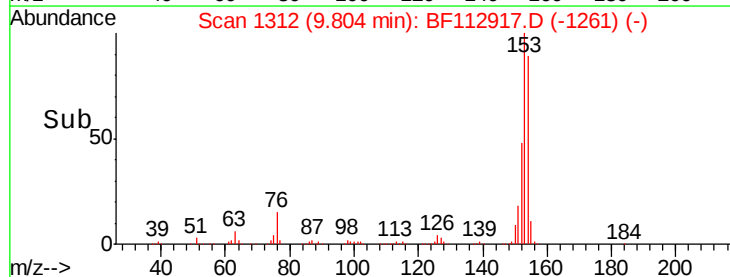
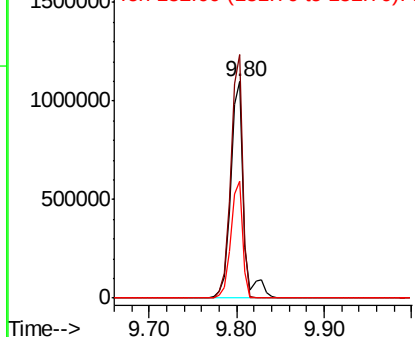


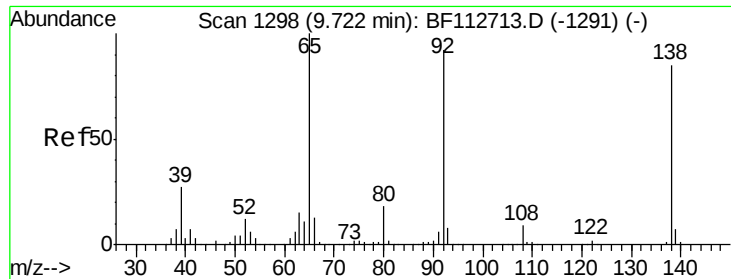
#52
Acenaphthene
Concen: 37.923 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	87.8	131.8
152	54.3	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





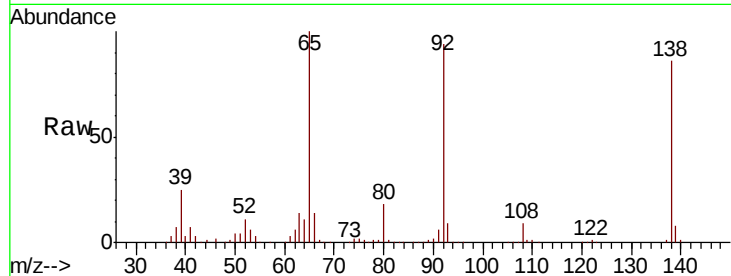
#53
3-Nitroaniline
Concen: 41.106 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	13.0
92	109.6	86.6	129.8

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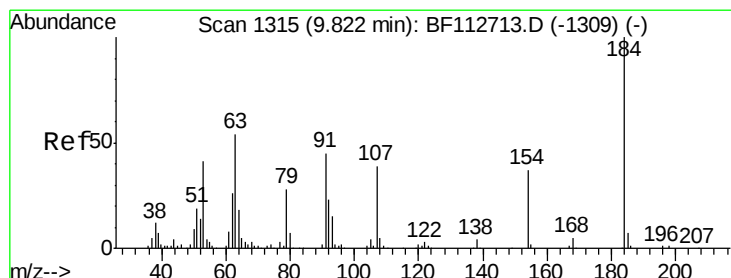
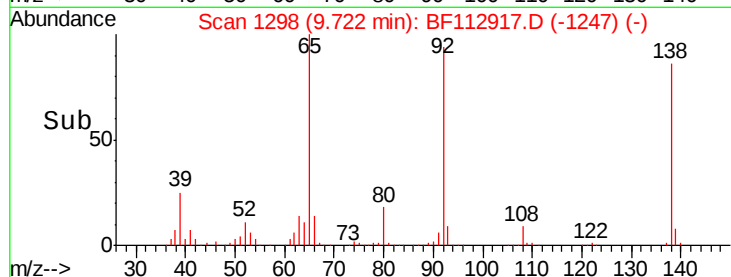
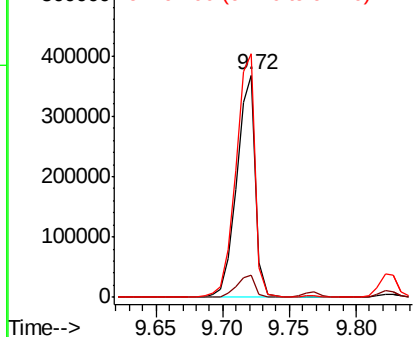


Abundance

Ion 138.00 (137.70 to 138.70): E

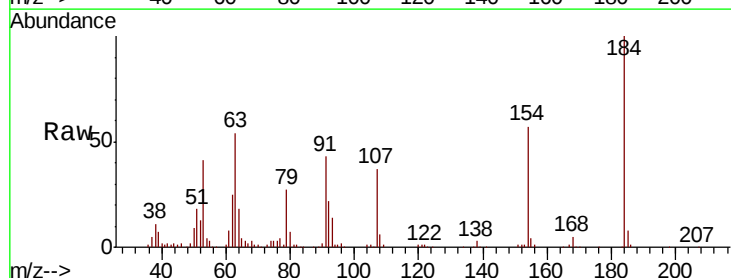
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 55.238 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.4	45.3	67.9
154	56.8	46.0	69.0

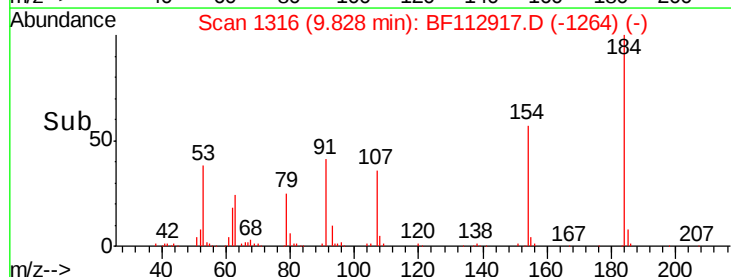
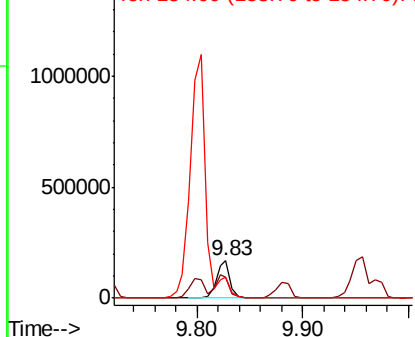


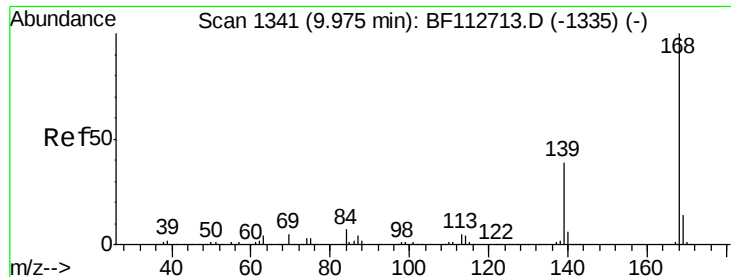
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





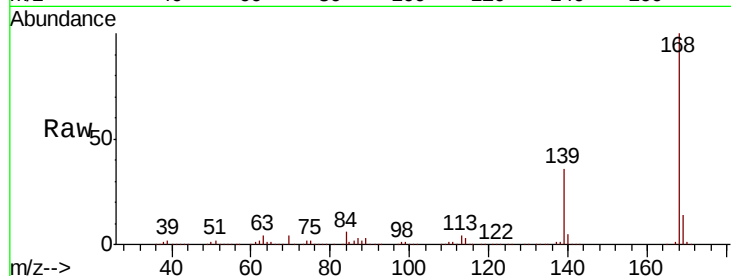
#55
Dibenzofuran
Concen: 35.718 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	31.3	46.9
169	14.0	11.3	16.9

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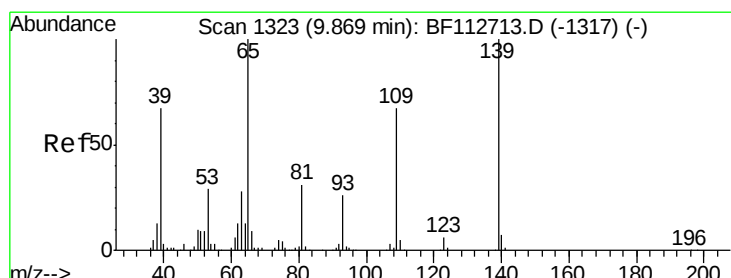
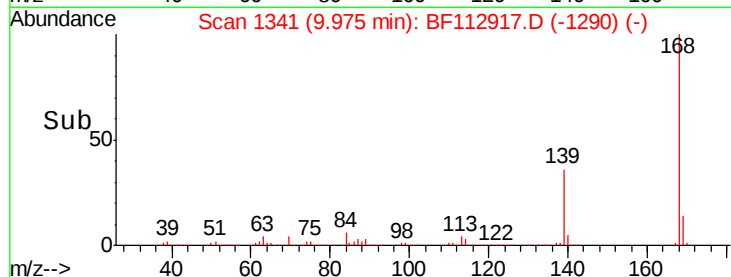
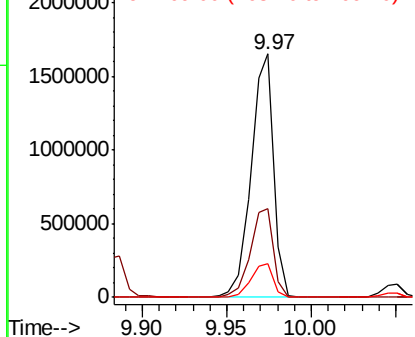


Abundance

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: 39.549 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

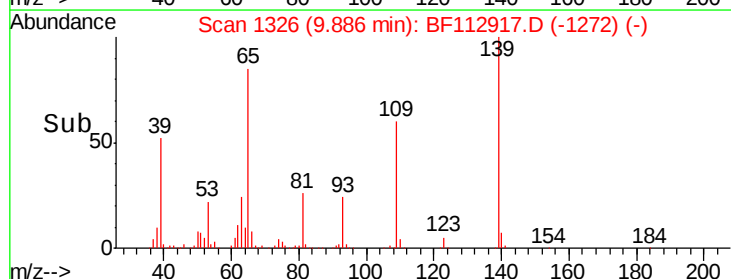
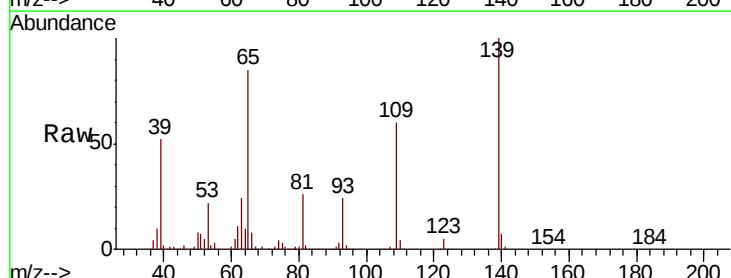
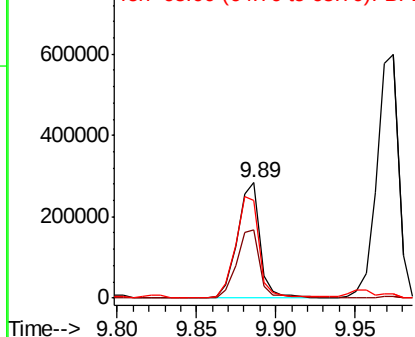
Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.6	46.8	86.8
65	84.6	80.7	120.7

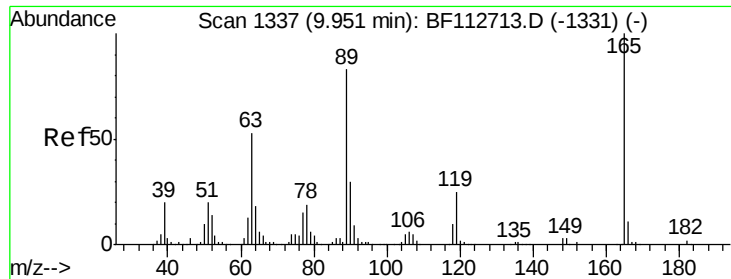
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





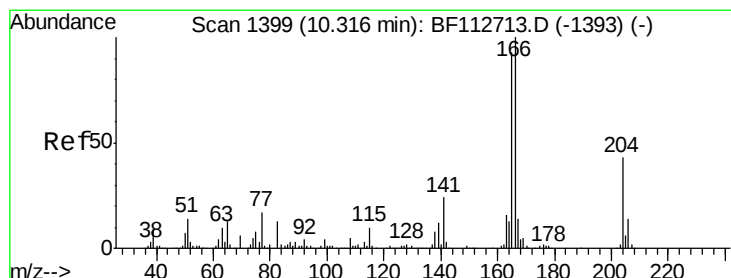
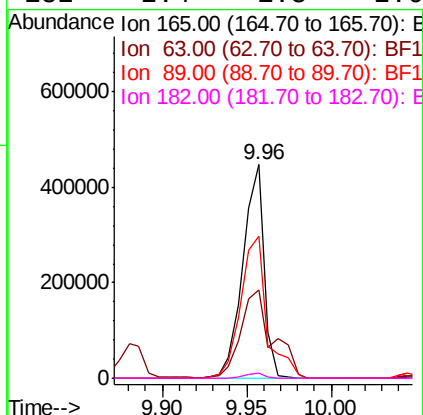
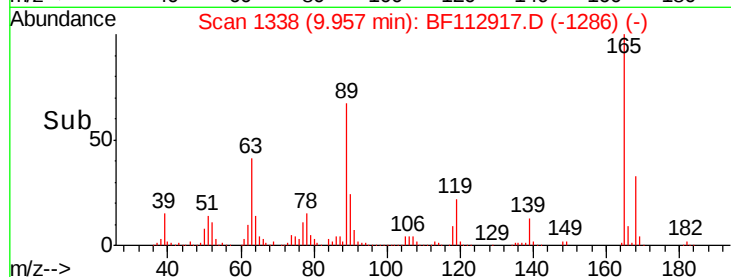
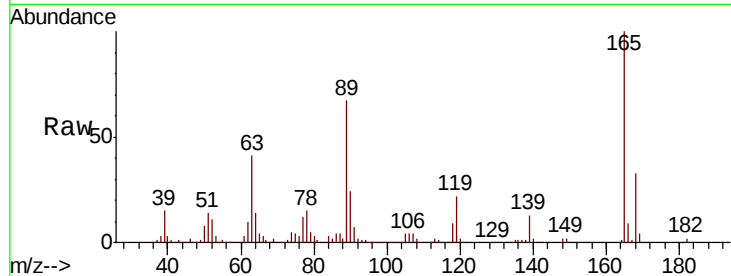
#57
2,4-Dinitrotoluene
Concen: 44.115 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	41.4	42.2	63.2#
89	66.8	66.2	99.4
182	2.4	1.8	2.6

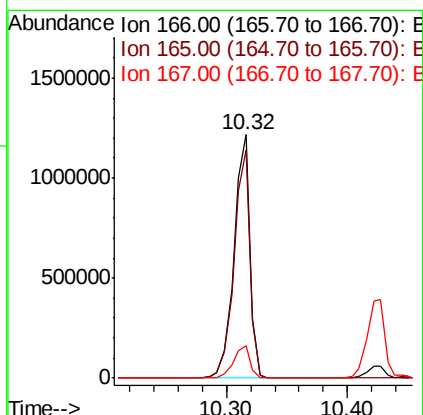
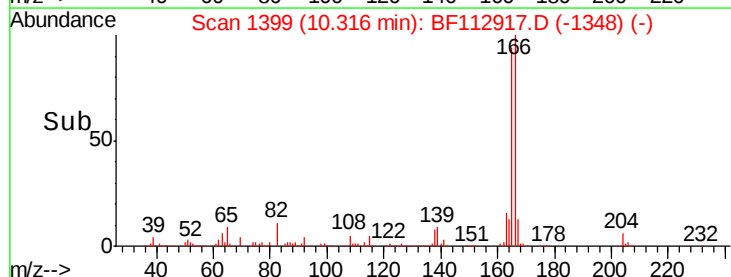
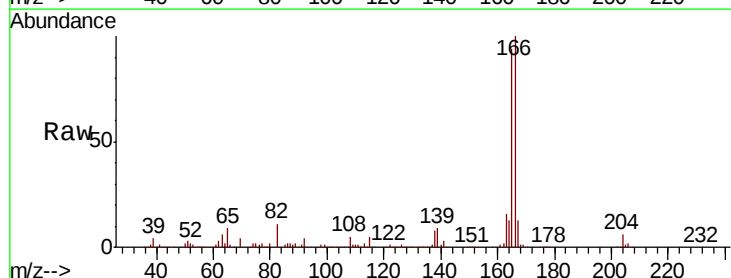
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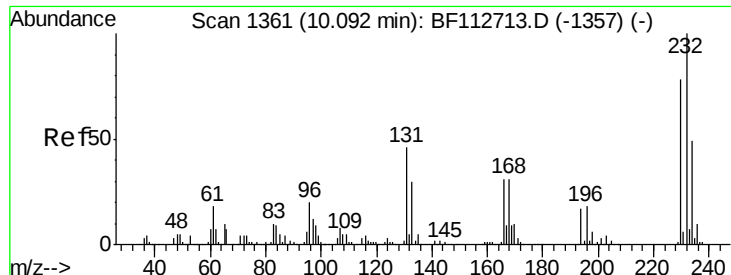
Sohil
3/8/2019 9:26:03 AM



#58
Fluorene
Concen: 36.455 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	93.6	74.7	112.1
167	13.4	11.0	16.6





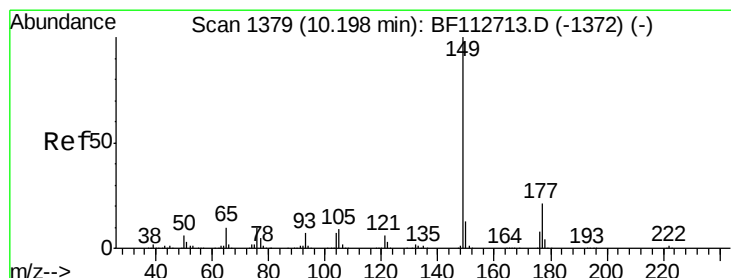
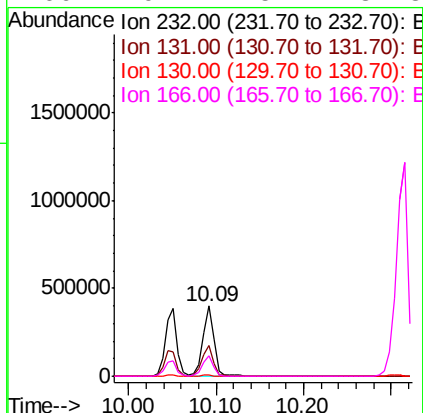
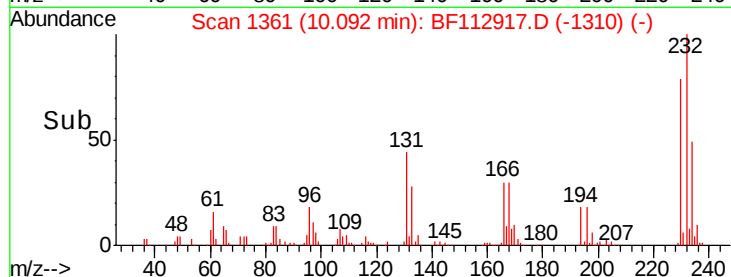
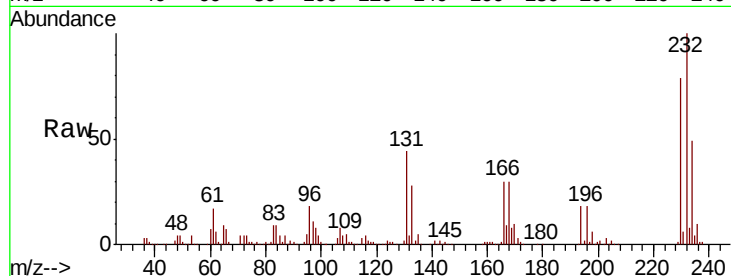
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.151 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	38.7	58.1
130	2.0	1.9	2.9
166	29.2	25.2	37.8

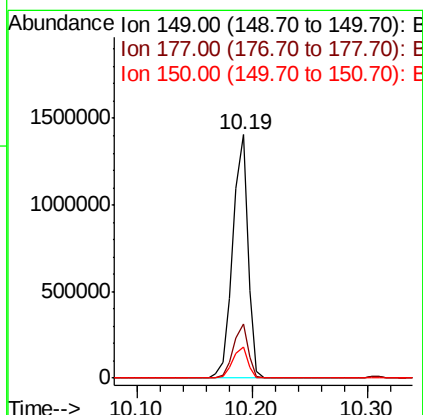
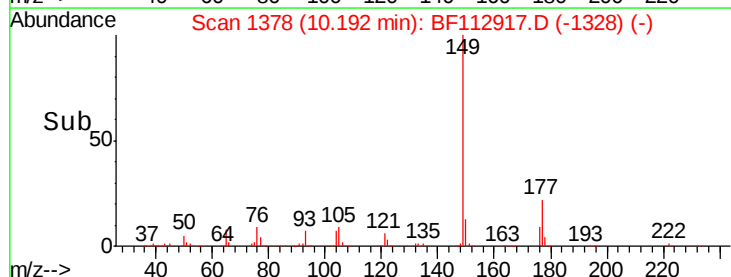
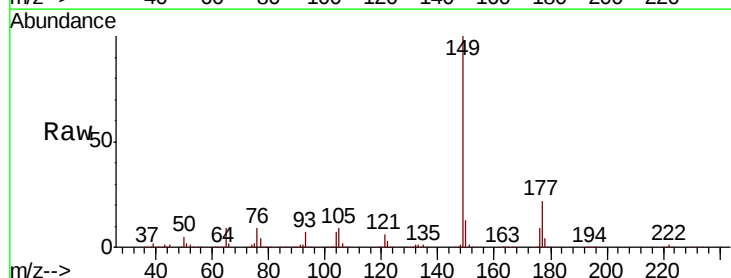
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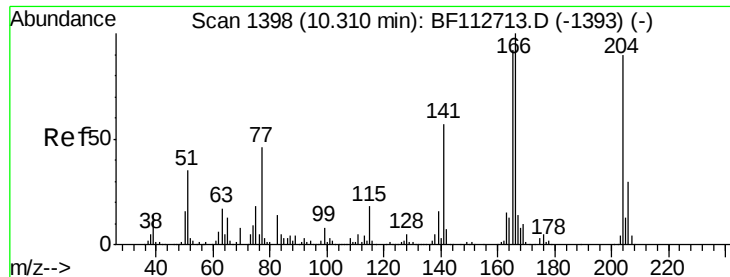
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#60
Diethylphthalate
Concen: 35.235 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.6
150	12.6	10.0	15.0





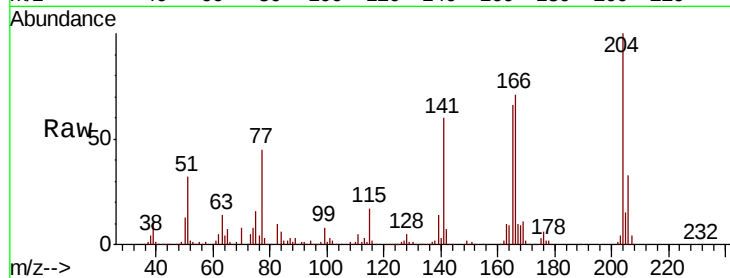
#61
4-Chlorophenyl-phenylether
Concen: 38.947 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	40.0
141	59.9	50.8	76.2

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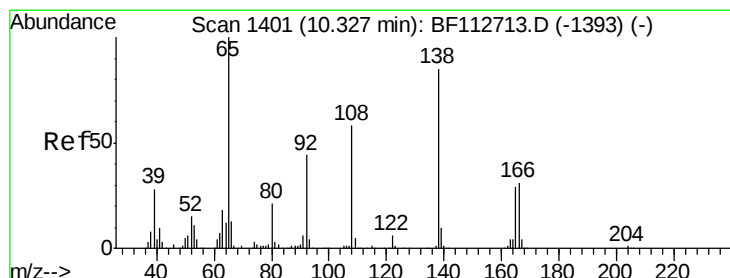
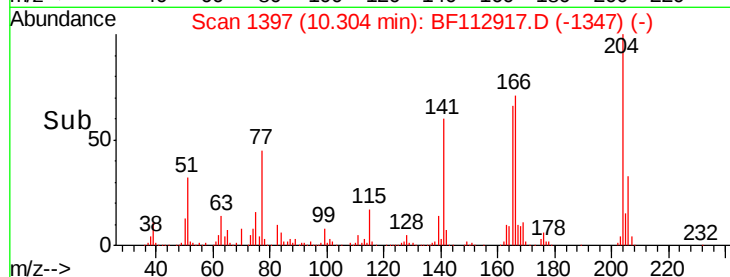
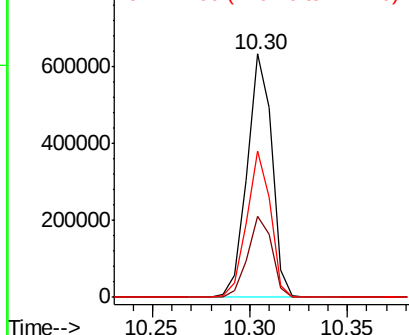


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.323 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

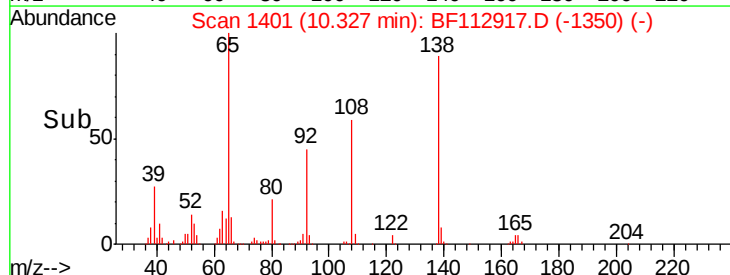
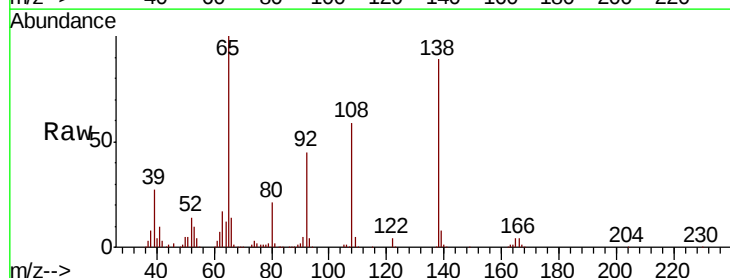
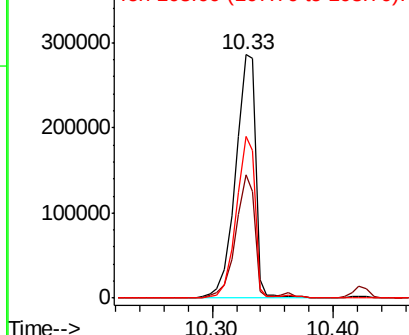
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.3	71.3
108	66.3	48.1	88.1

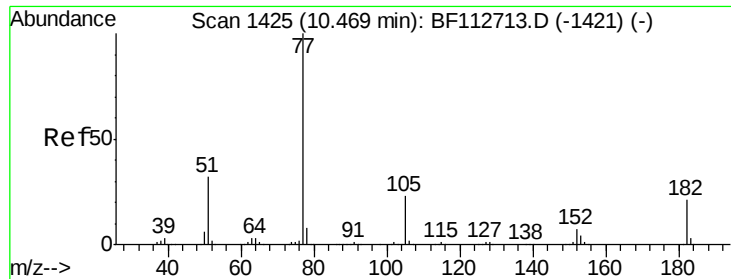
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





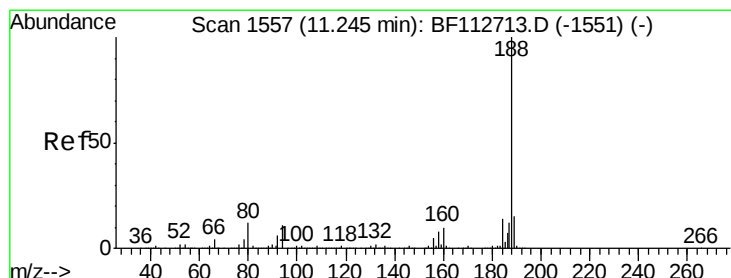
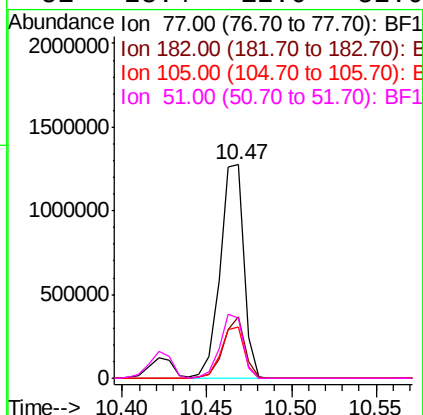
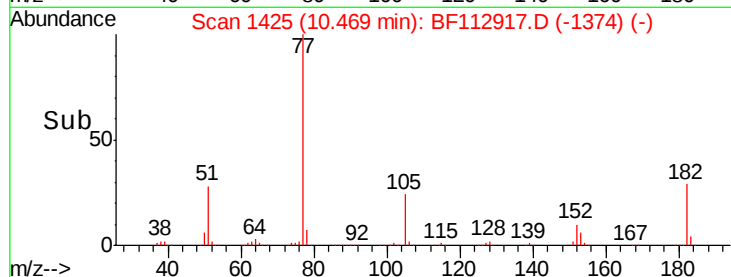
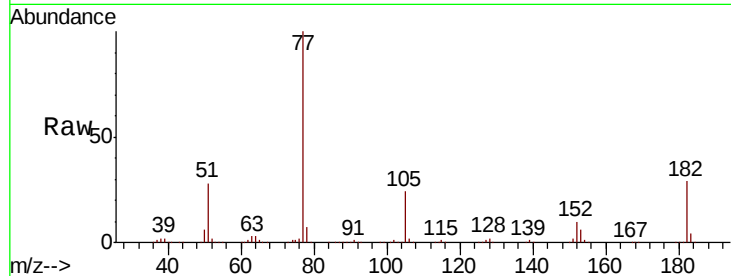
#63
Azobenzene
Concen: 33.277 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	77	Resp	1245651
Ion	Ratio	Lower	Upper
77	100		
182	28.6	1.4	41.4
105	24.1	2.6	42.6
51	28.4	12.0	52.0

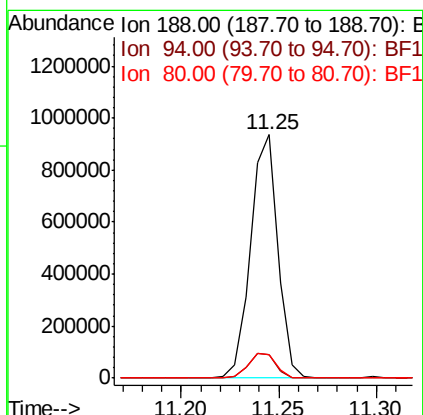
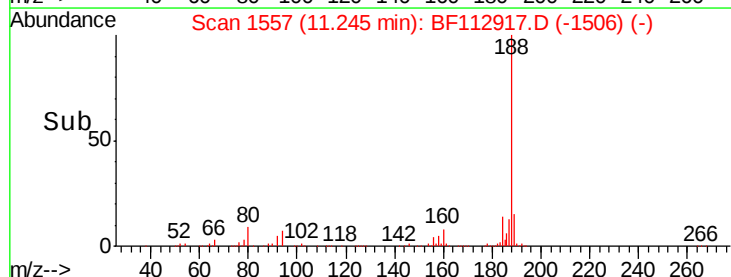
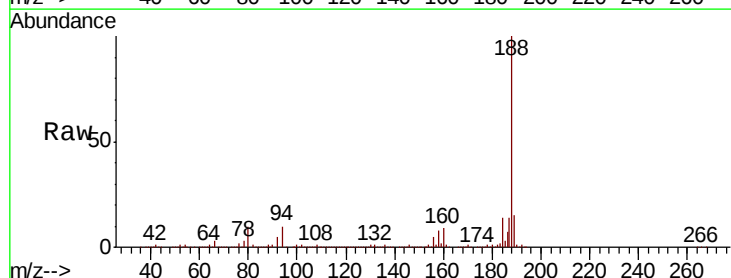
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	188	Resp	906926
Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	9.5	9.2	13.8





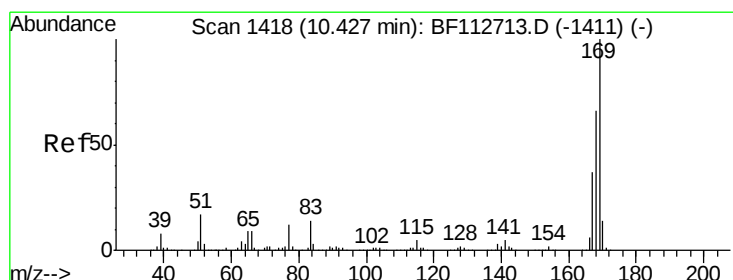
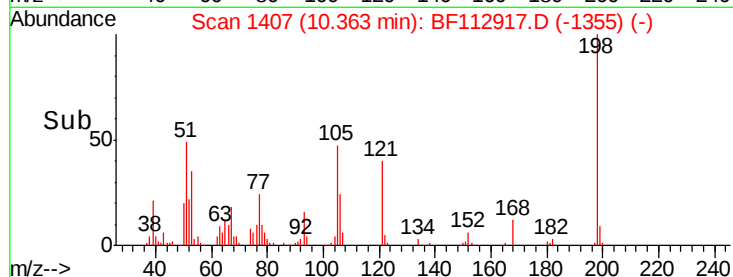
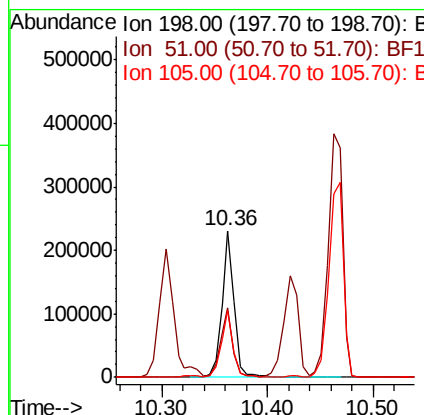
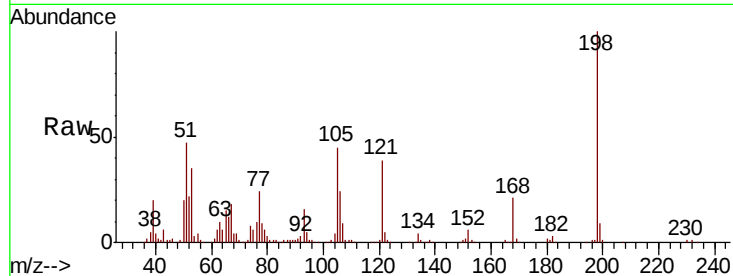
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.446 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	188955		
51	47.4		43.8	83.8
105	45.3		36.5	76.5

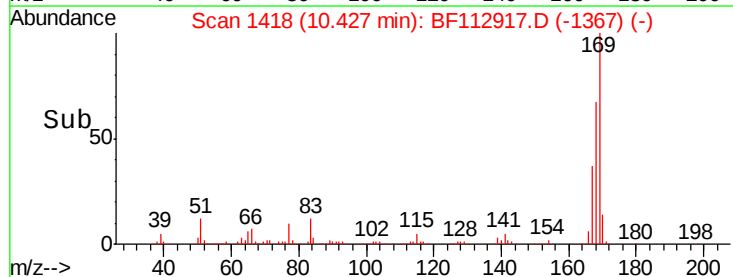
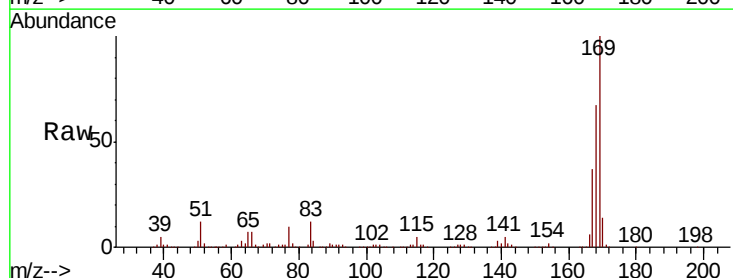
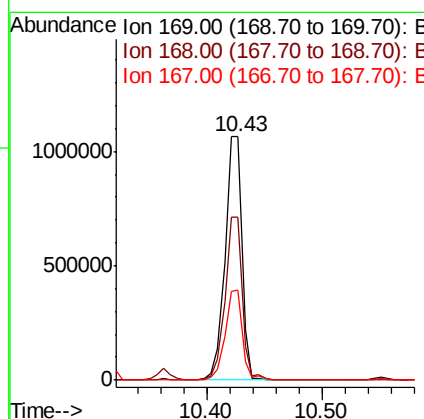
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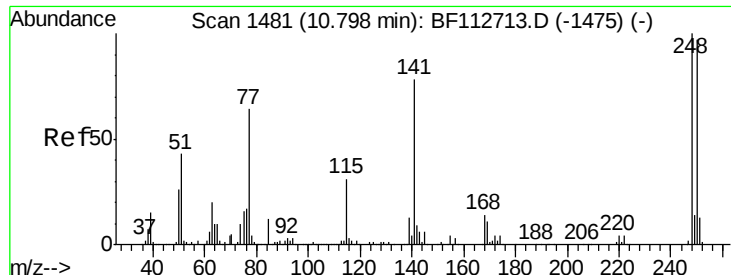
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#66
 n-Nitrosodiphenylamine
 Concen: 37.229 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1082849		
168	67.2		53.0	79.6
167	36.7		29.3	43.9





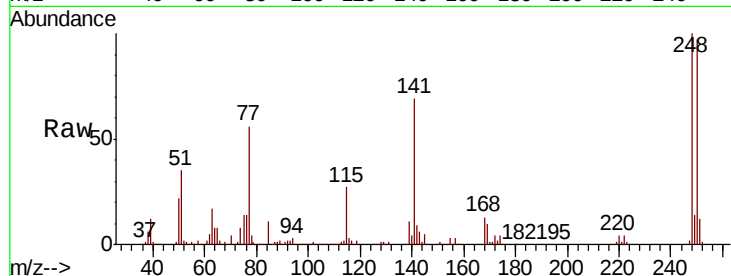
#67
4-Bromophenyl-phenylether
Concen: 41.636 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.5	116.3
141	68.6	62.4	93.6

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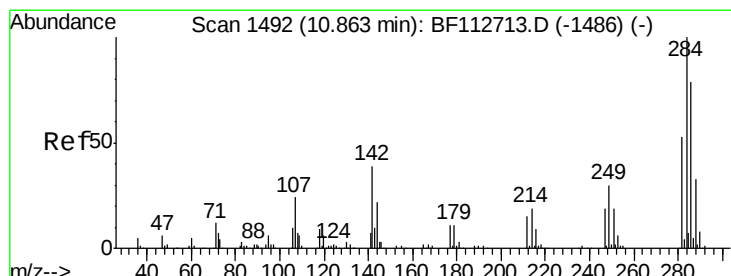
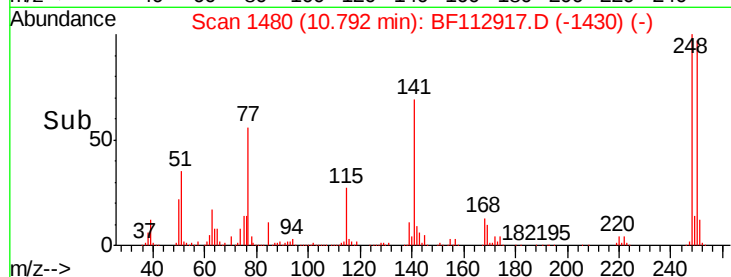
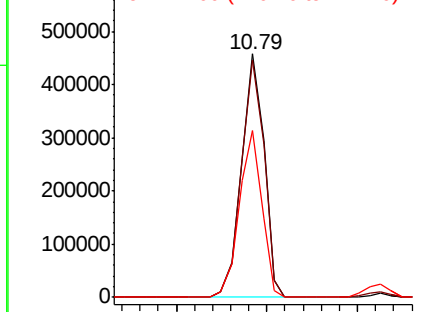


Abundance

Ion 248.00 (247.70 to 248.70): E

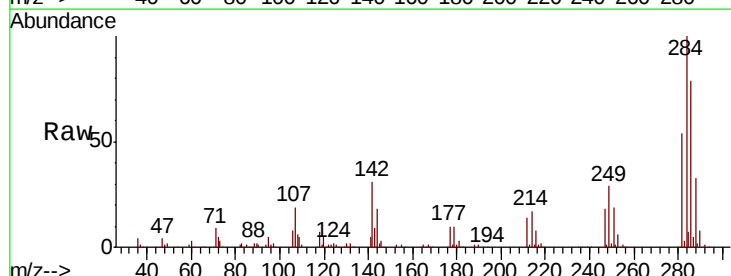
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.211 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	31.0	46.6#
249	29.2	23.6	35.4

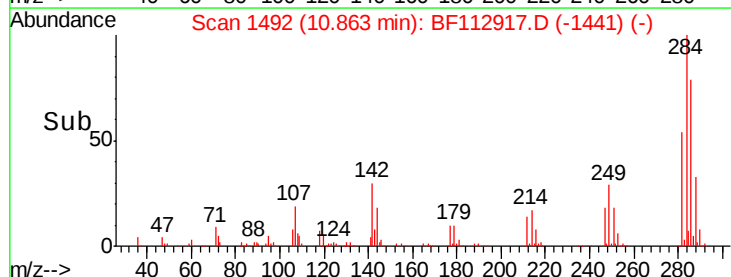
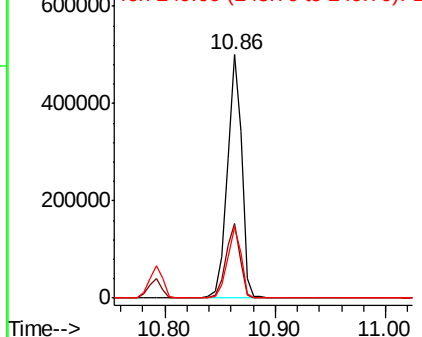


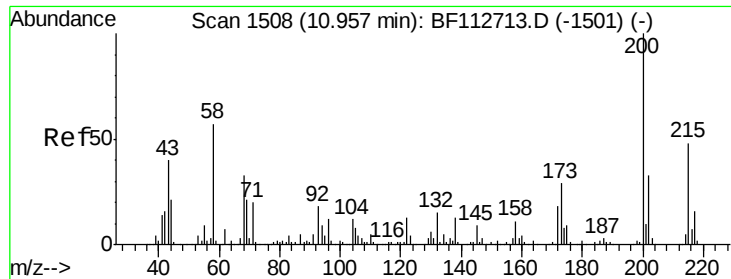
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





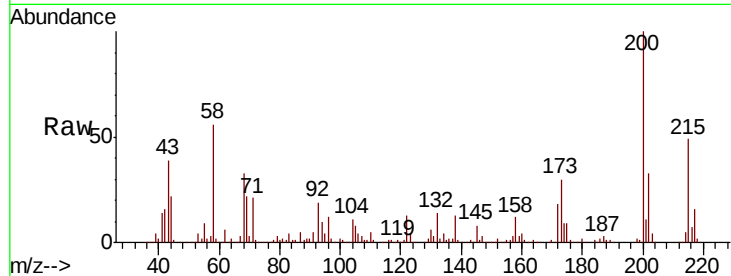
#69
Atrazine
Concen: 38.883 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.5	9.1	49.1
215	49.3	28.2	68.2

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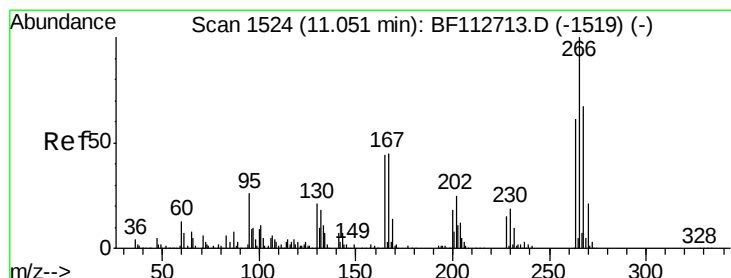
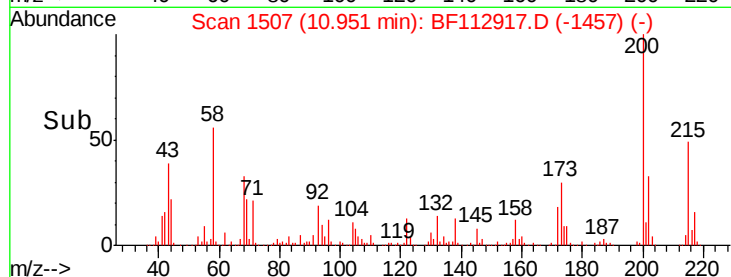
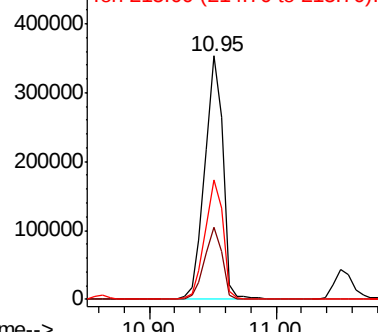


Abundance

Ion 200.00 (199.70 to 200.70): E

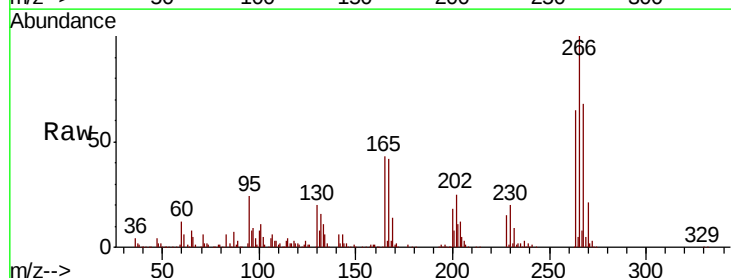
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 44.619 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.7	53.3	79.9
264	64.9	48.9	73.3

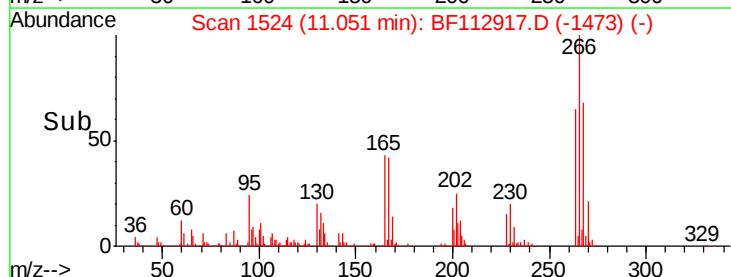
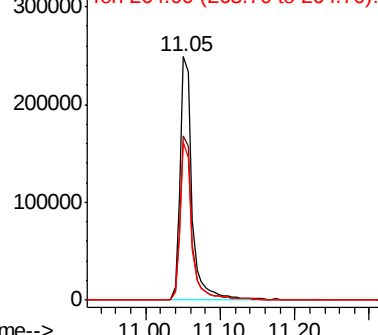


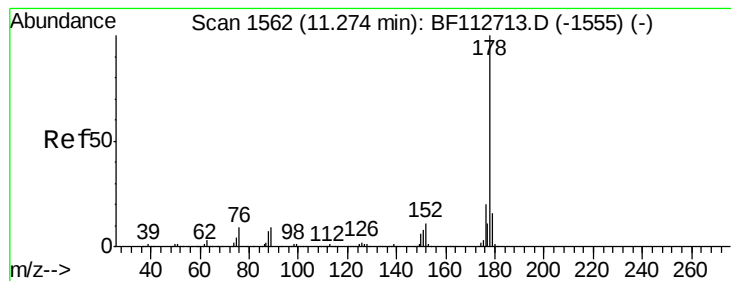
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.808 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1751133

Ion Ratio Lower Upper

178 100

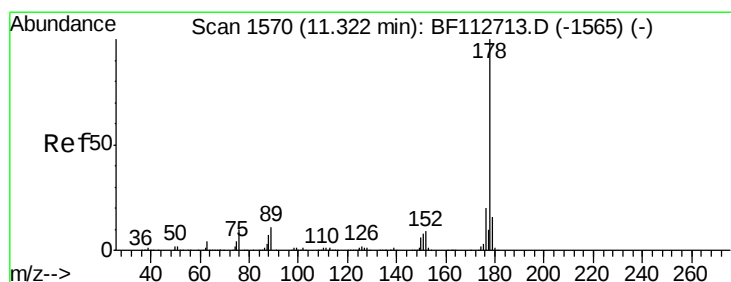
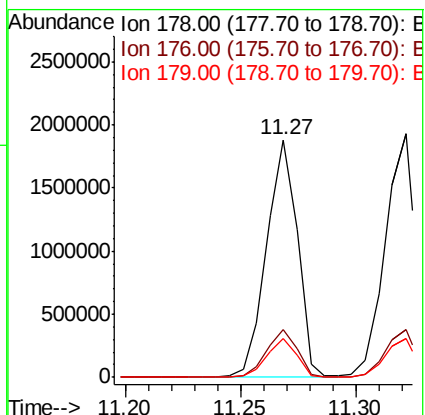
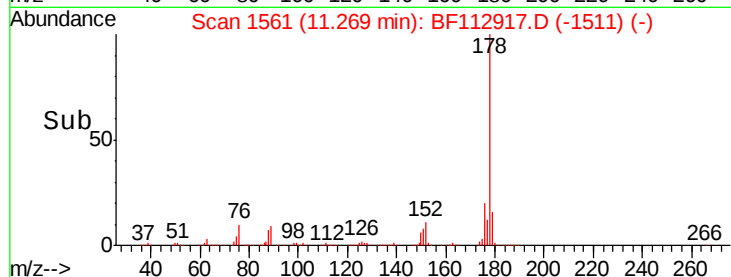
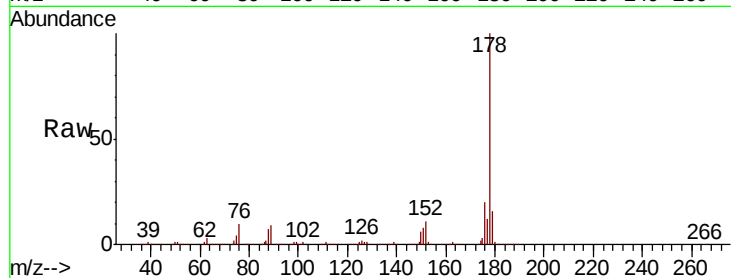
176 20.2 16.3 24.5

179 16.4 12.7 19.1

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#72

Anthracene

Concen: 38.214 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

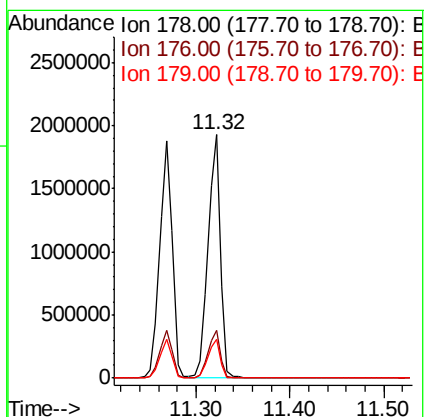
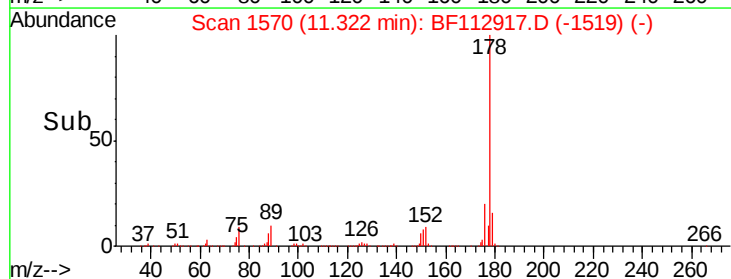
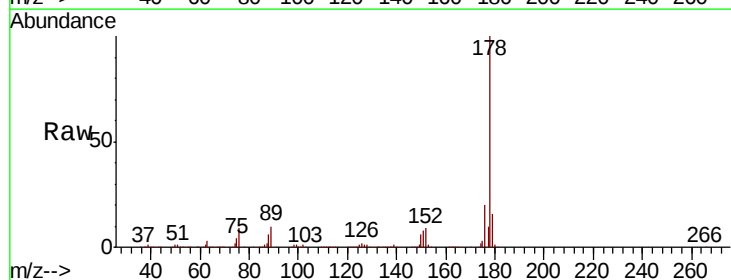
Tgt Ion:178 Resp: 1805032

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 16.1 13.0 19.6





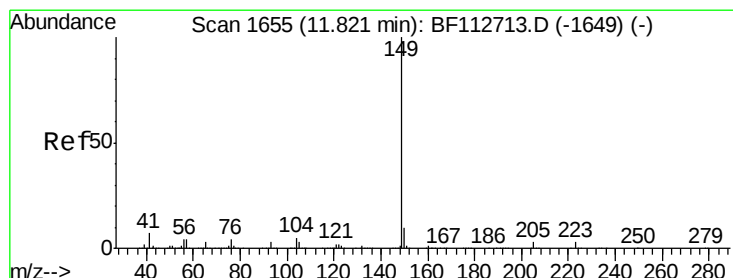
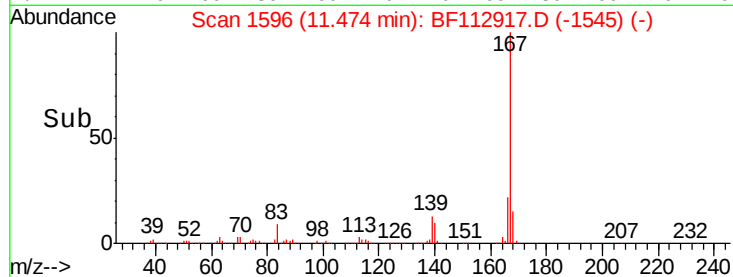
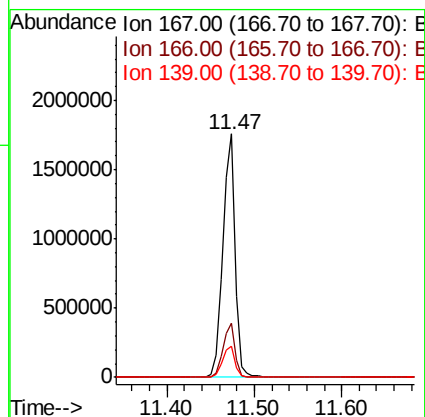
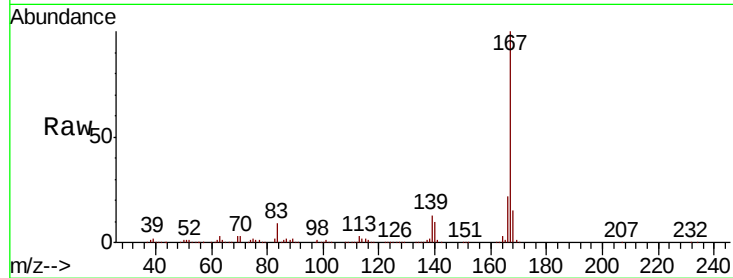
#73
 Carbazole
 Concen: 36.960 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 1703002
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.5 26.3
 139 13.0 10.8 16.2

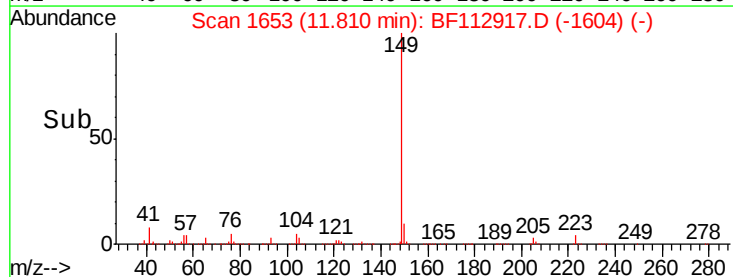
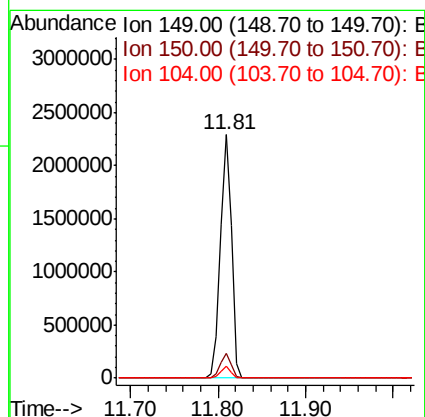
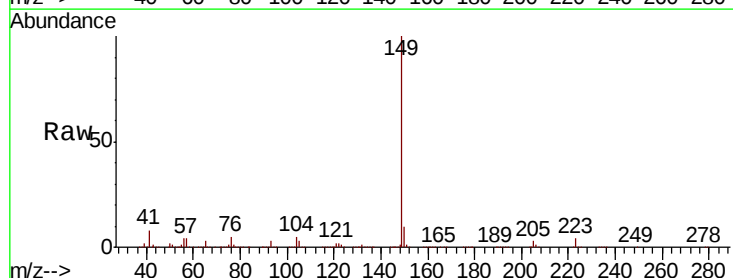
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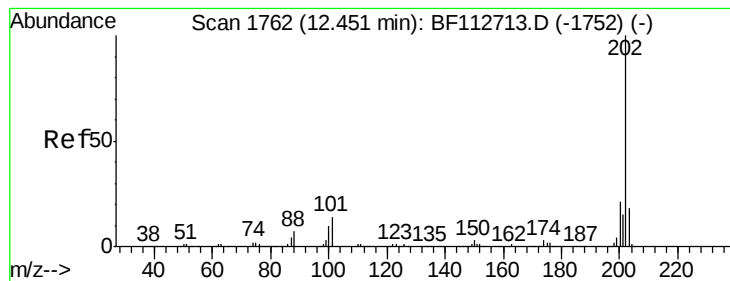
Sohil
 3/8/2019 9:26:03 AM



#74
 Di-n-butylphthalate
 Concen: 37.016 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion:149 Resp: 2045118
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 4.8 3.7 5.5





#75

Fluoranthene

Concen: 37.521 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

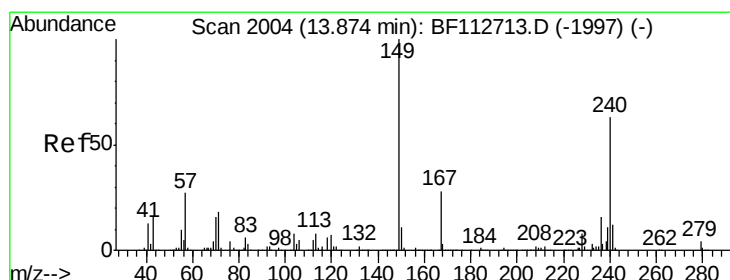
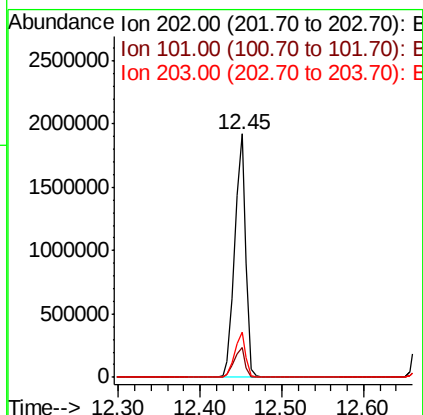
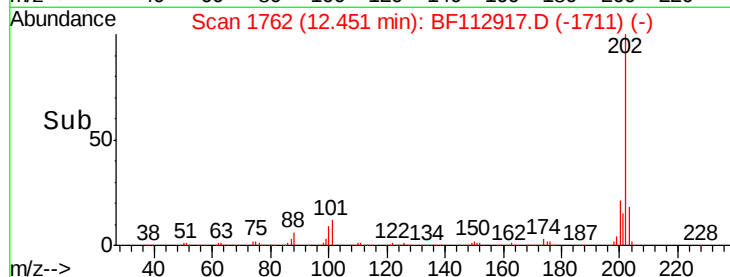
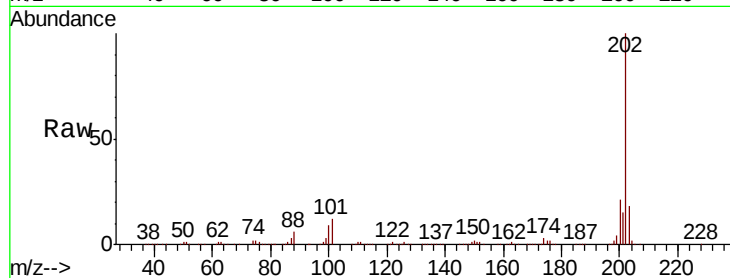
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1813921
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.8
203	18.3	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

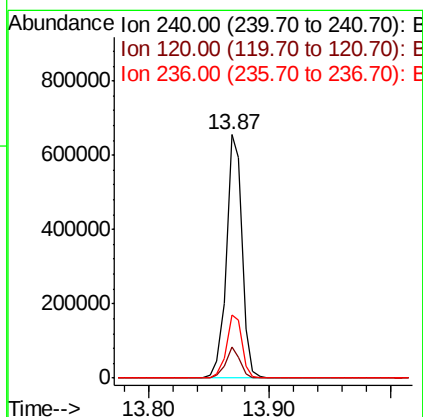
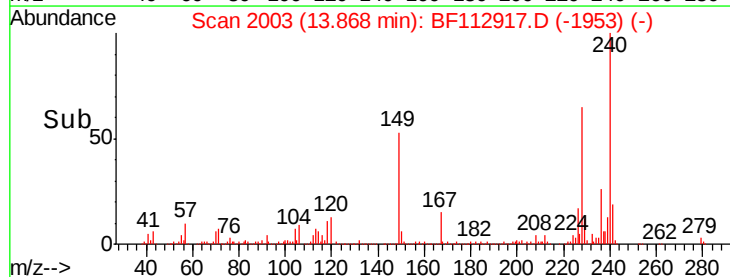
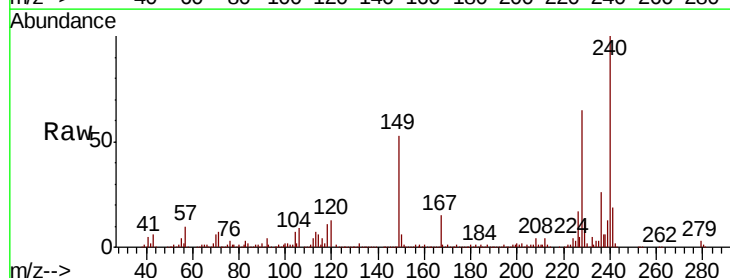
RT: 13.87 min Scan# 2003

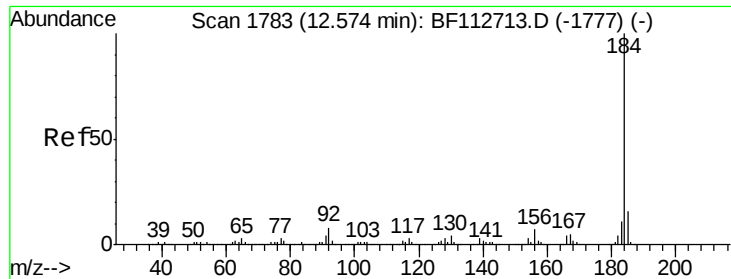
Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Tgt Ion:	240	Resp:	586614
Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.9	13.3
236	26.1	20.7	31.1





#77

Benzidine

Concen: 34.565 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1051979

Ion Ratio Lower Upper

184 100

185 17.3 12.6 18.8

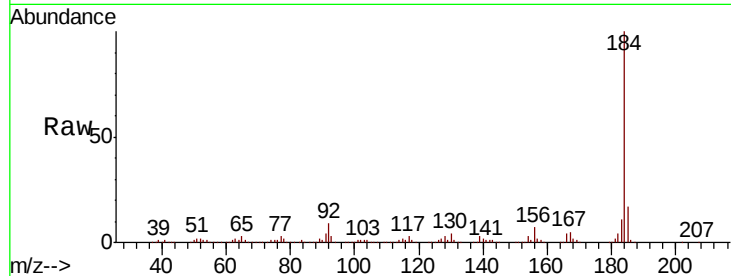
183 11.2 8.6 12.8

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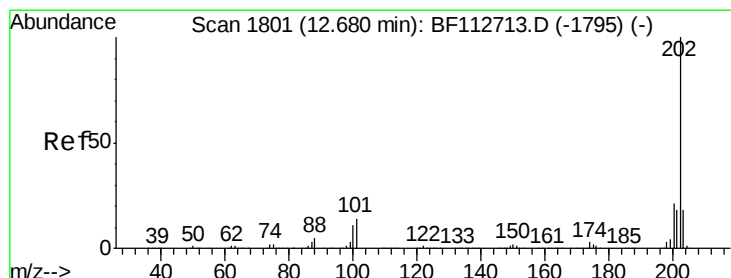
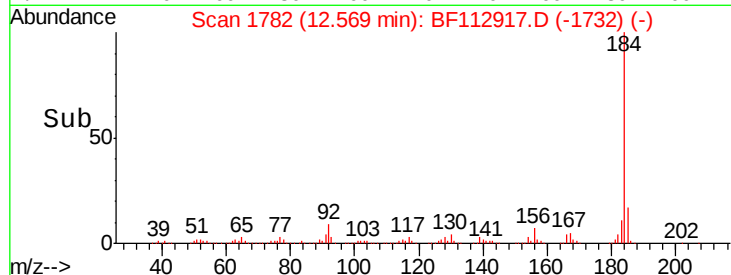
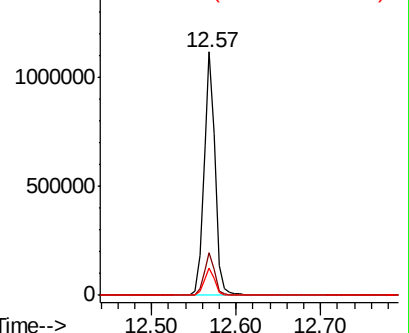
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.747 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

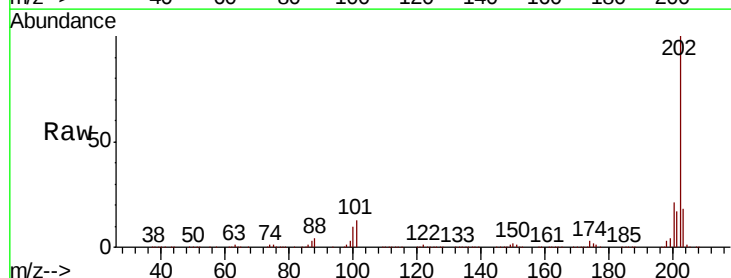
Tgt Ion:202 Resp: 1817251

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

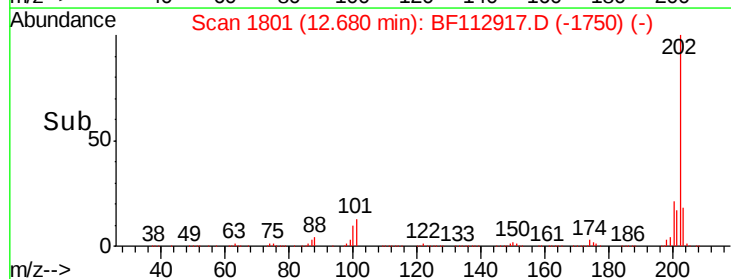
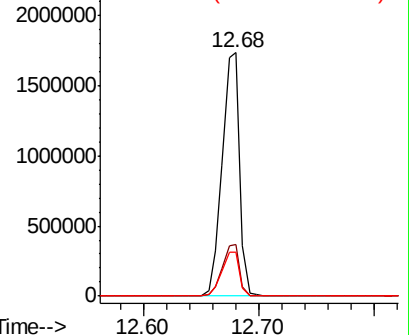
203 17.8 14.4 21.6

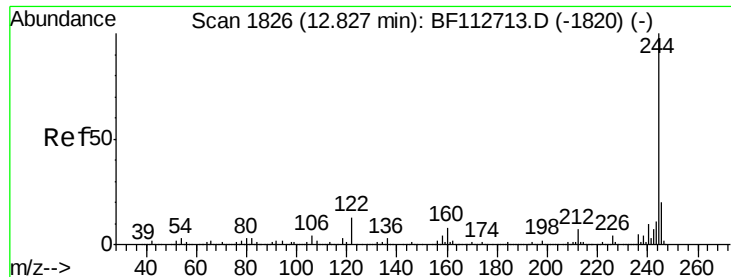


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





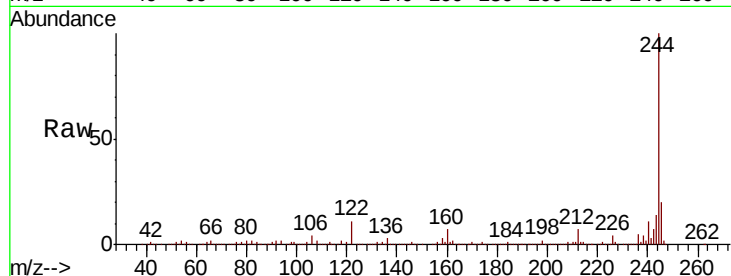
#79
 Terphenyl-d14
 Concen: 74.103 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.1	10.5	15.7

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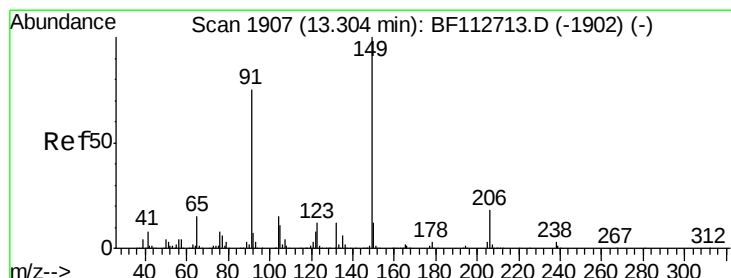
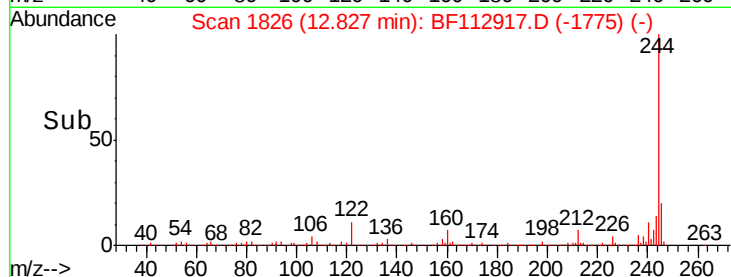
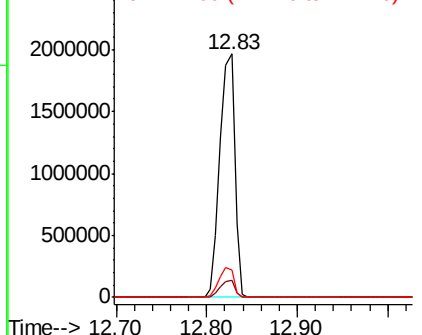


Abundance

Ion 244.00 (243.70 to 244.70): E

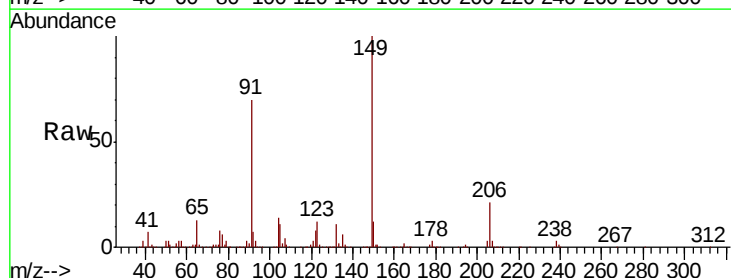
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 37.992 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.4	59.9	89.9
206	20.6	14.7	22.1

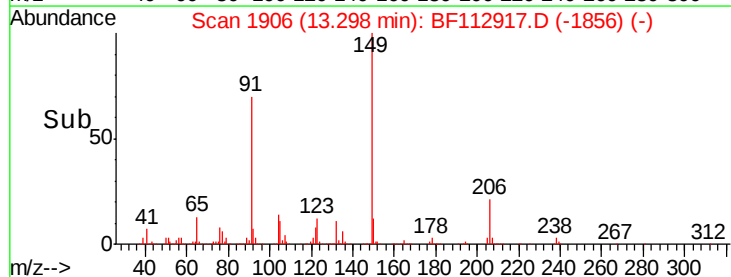
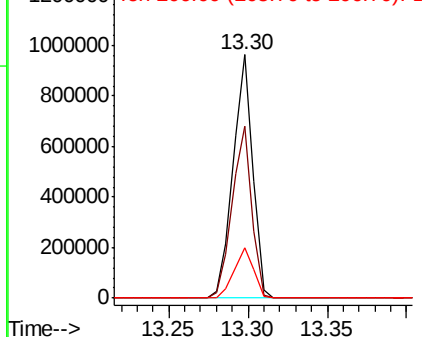


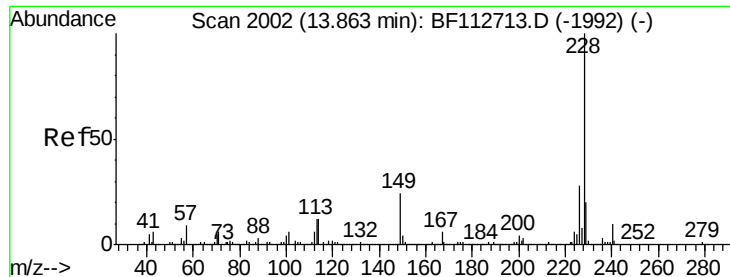
Abundance

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: 33.611 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1366523

Ion Ratio Lower Upper

228 100

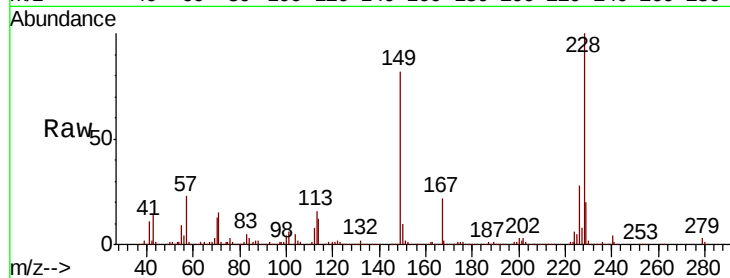
226 27.7 22.2 33.4

229 19.9 16.0 24.0

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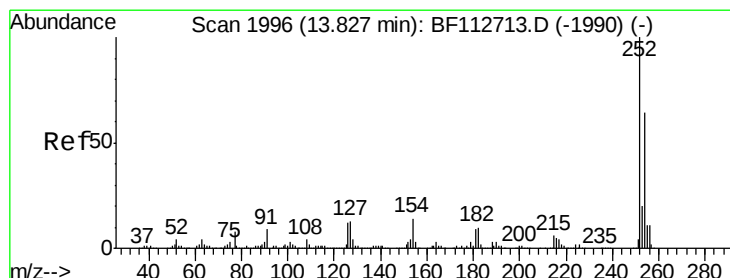
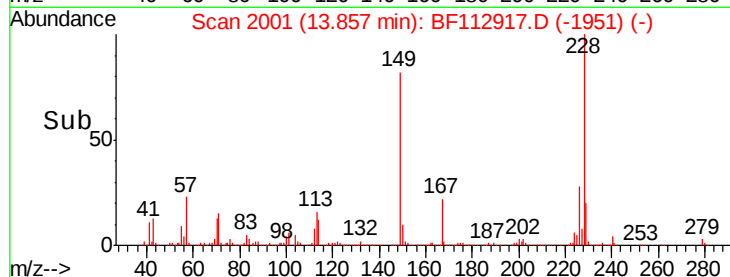
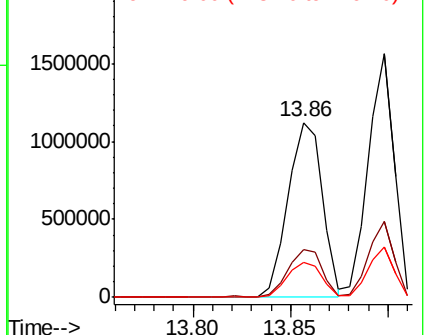


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 36.083 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

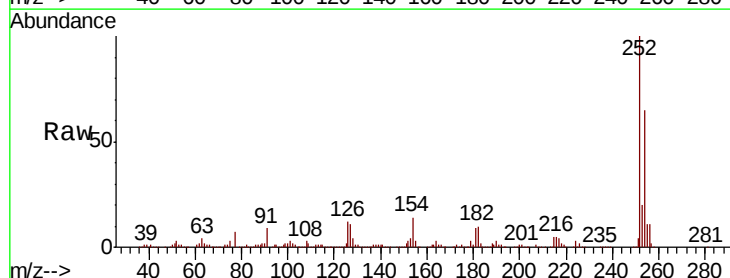
Tgt Ion:252 Resp: 554819

Ion Ratio Lower Upper

252 100

254 64.8 51.1 76.7

126 11.6 9.9 14.9

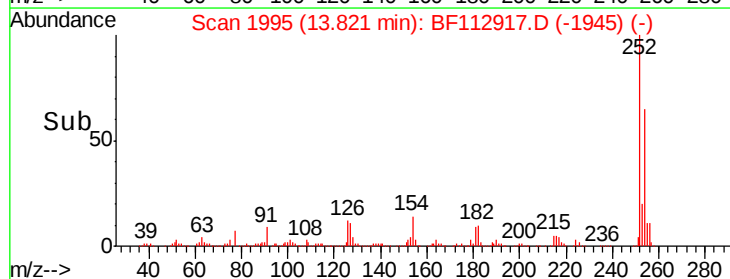
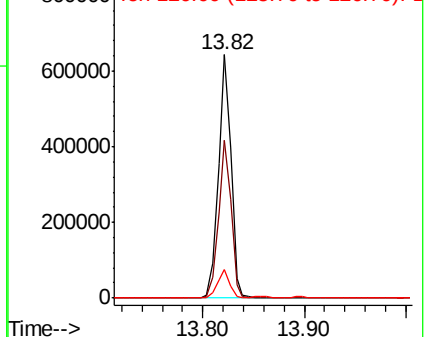


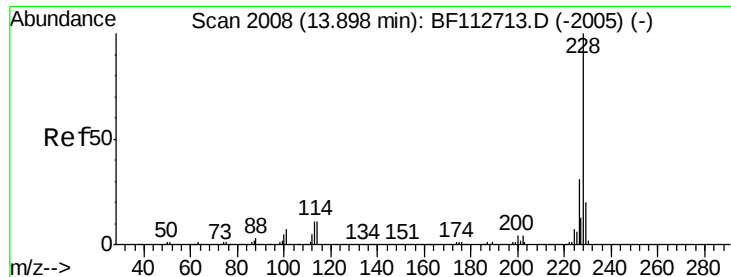
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





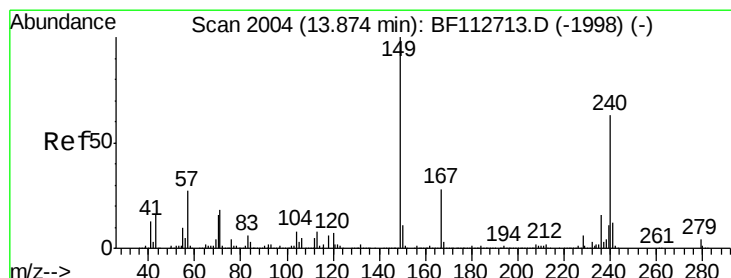
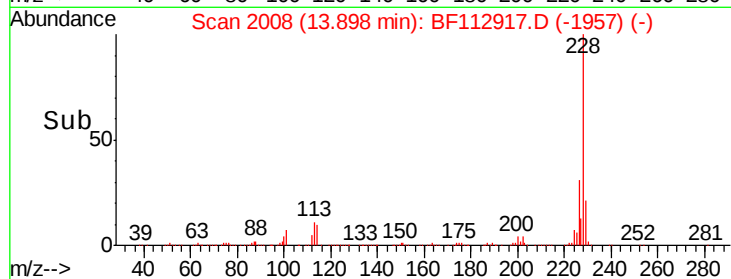
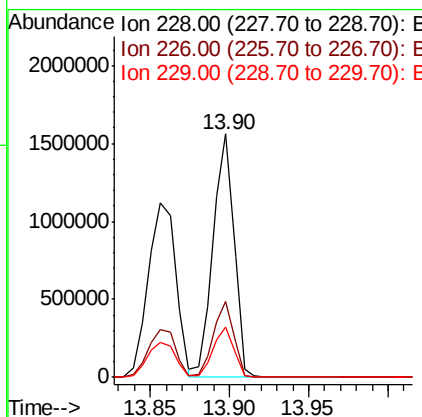
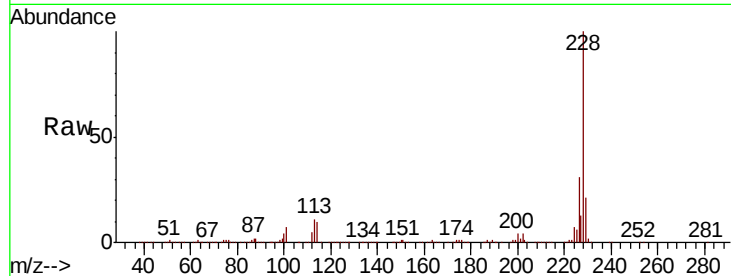
#83
Chrysene
Concen: 36.220 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1442440
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 20.5 16.3 24.5

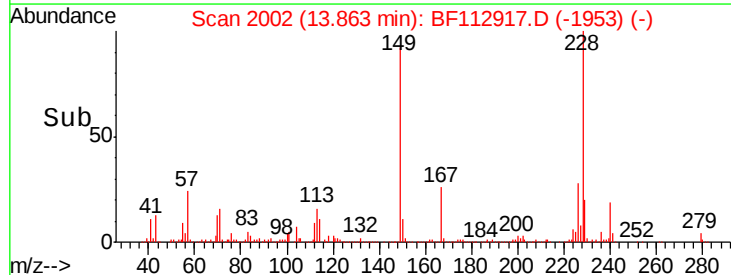
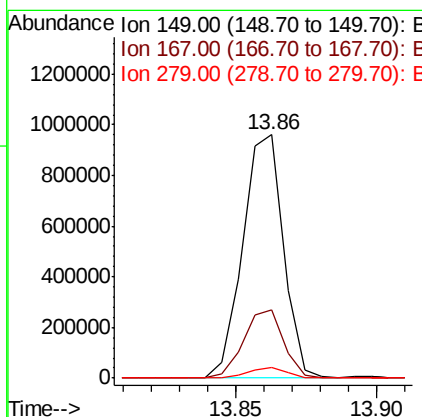
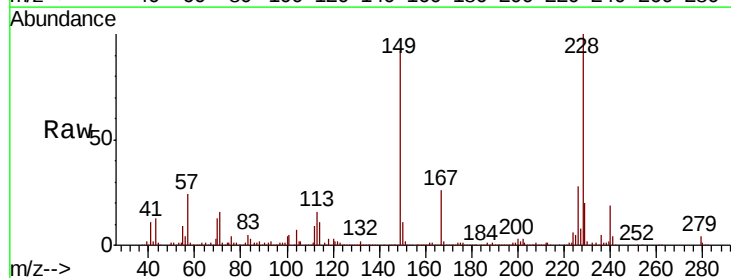
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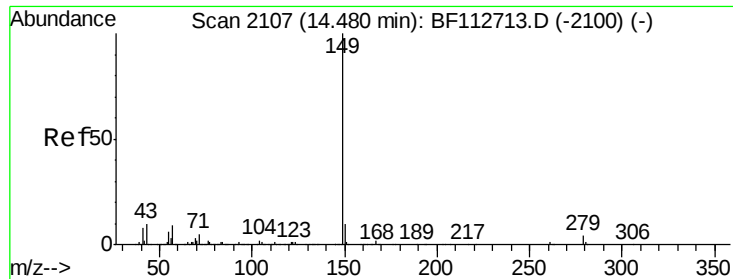
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.409 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:149 Resp: 957829
Ion Ratio Lower Upper
149 100
167 27.9 22.4 33.6
279 4.6 3.3 4.9





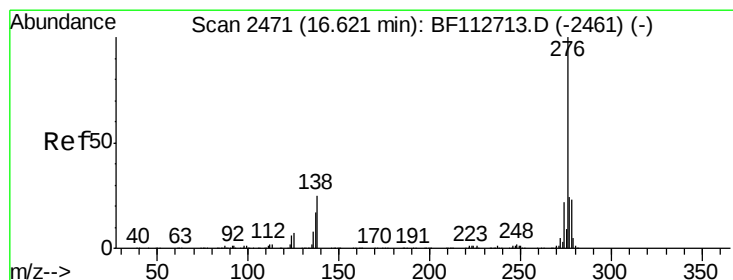
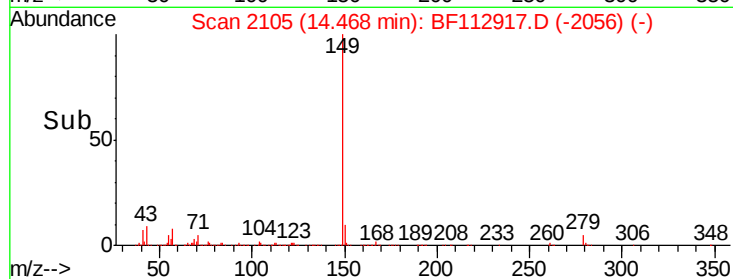
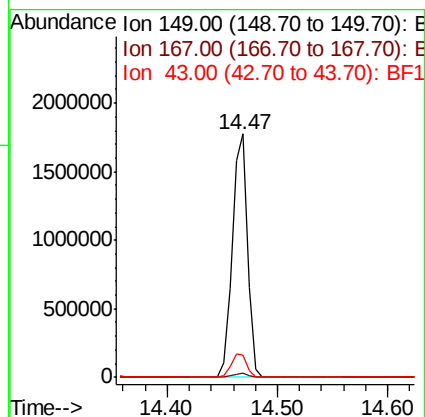
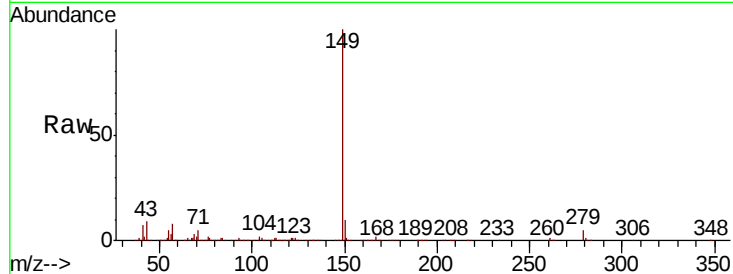
#85
Di-n-octyl phthalate
Concen: 38.965 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	9.0	13.4

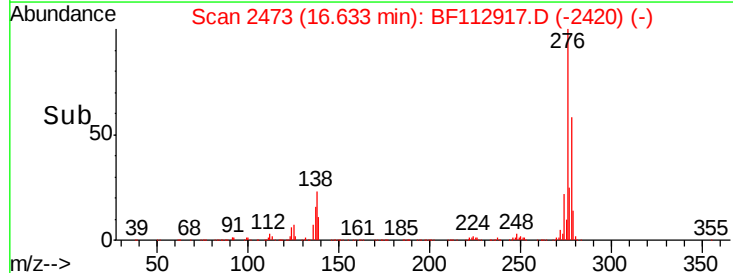
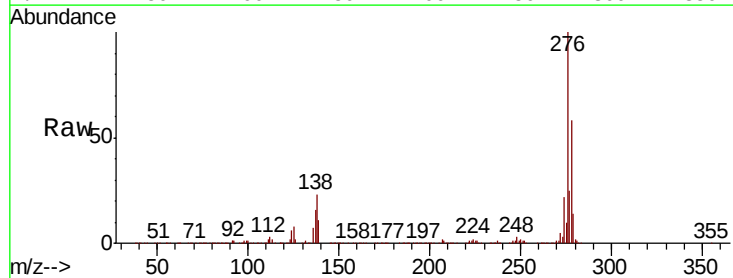
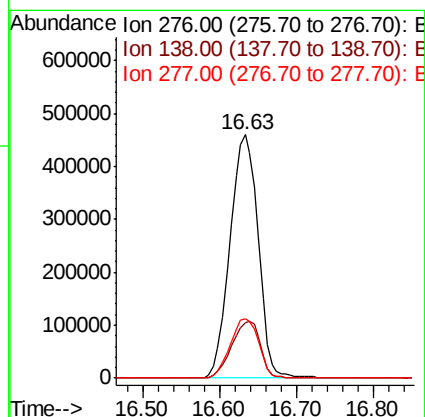
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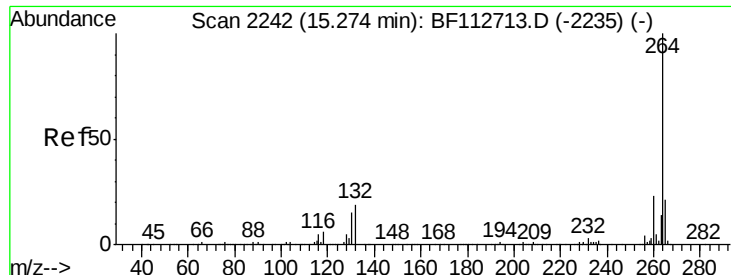
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#86
Indeno(1,2,3-cd)pyrene
Concen: 34.678 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	23.2	34.8
277	24.9	19.9	29.9





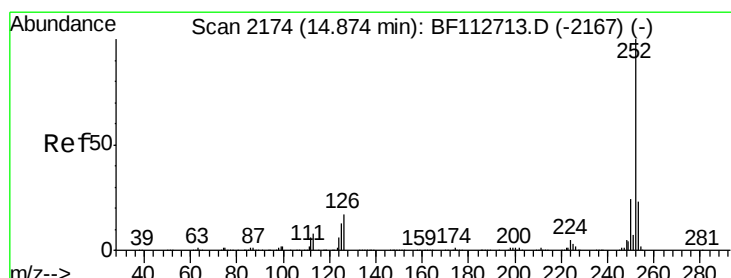
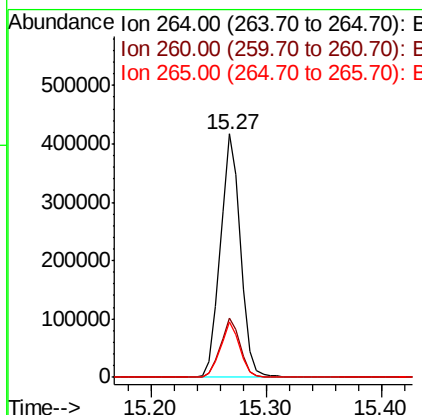
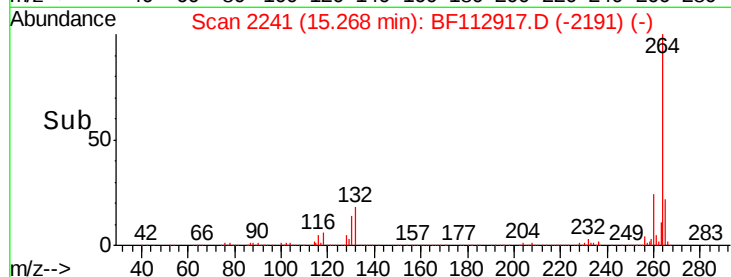
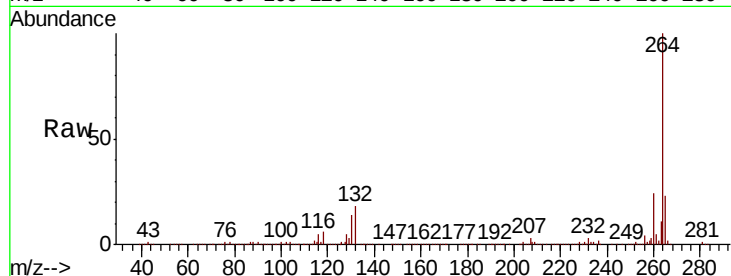
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.6	17.2	25.8

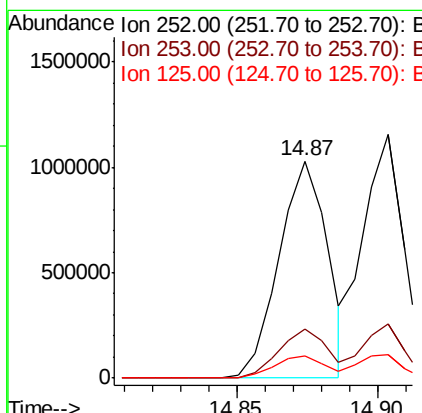
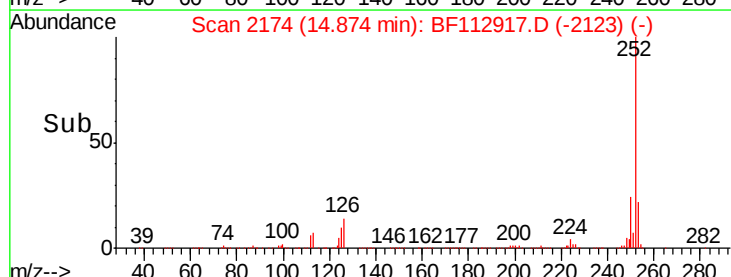
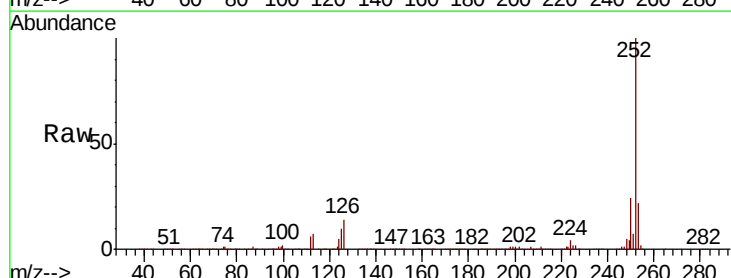
Manual Integrations
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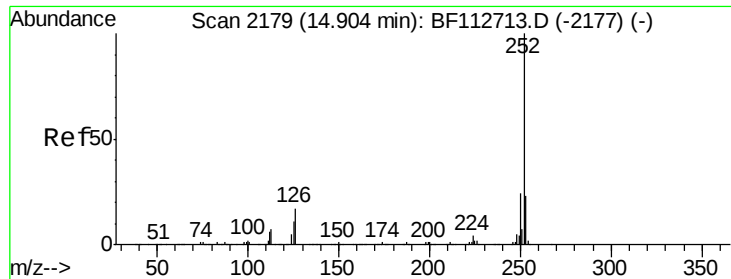
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#88
Benzo(b)fluoranthene
Concen: 38.064 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.3	10.2	15.2





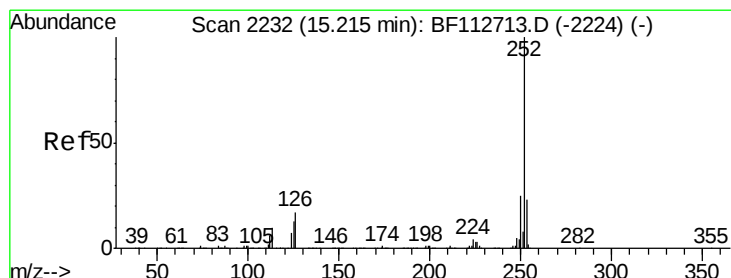
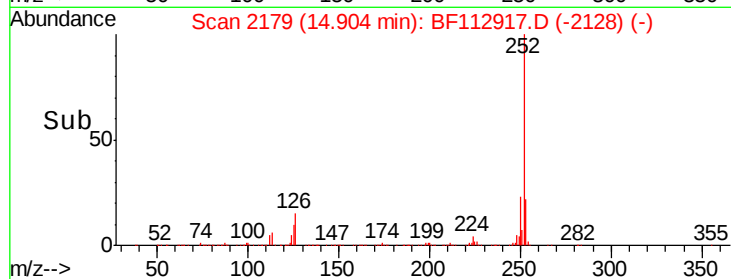
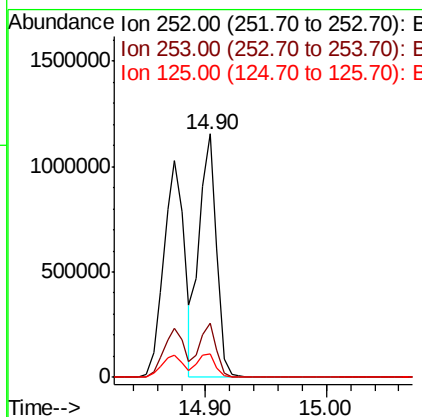
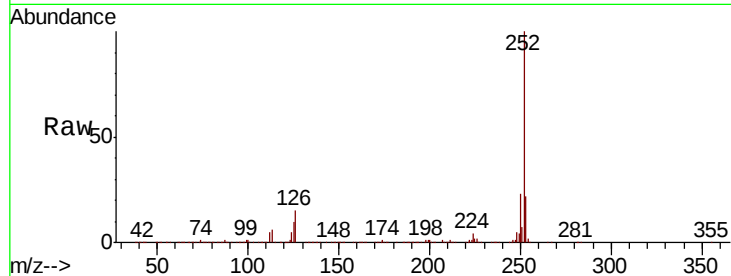
#89
Benzo(k)fluoranthene
Concen: 39.338 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.8	9.8	14.6

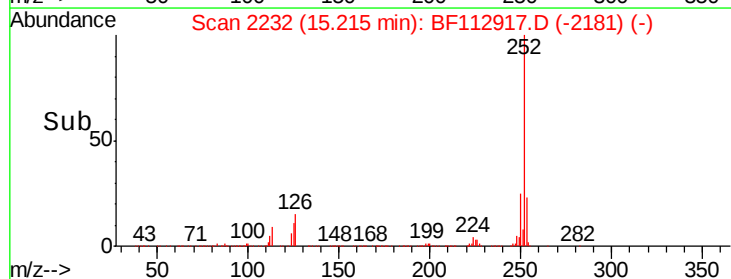
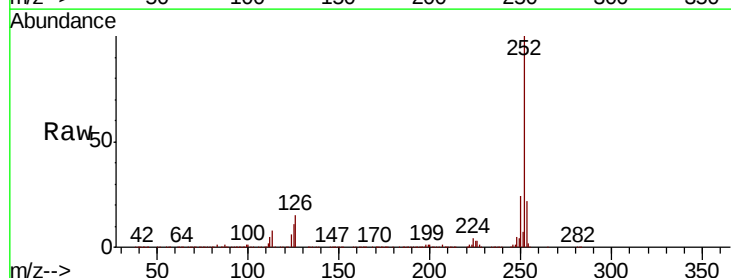
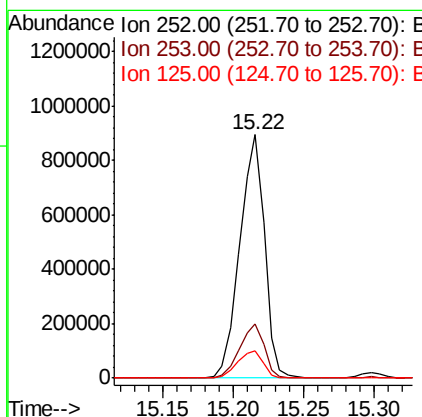
Manual Integrations
APPROVED

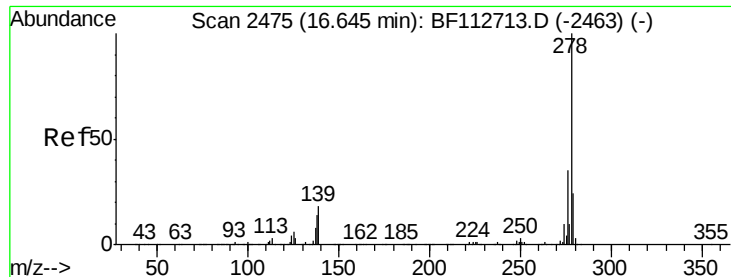
Sohil
3/8/2019 9:26:03 AM



#90
Benzo(a)pyrene
Concen: 38.178 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.0	10.7	16.1





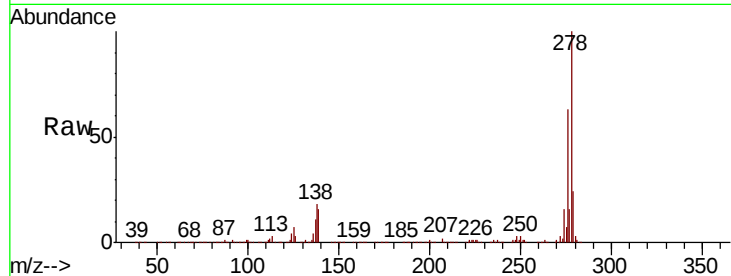
#91
Dibenzo(a,h)anthracene
Concen: 39.290 ng
RT: 16.64 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.3	21.5
279	23.8	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/8/2019 9:26:03 AM

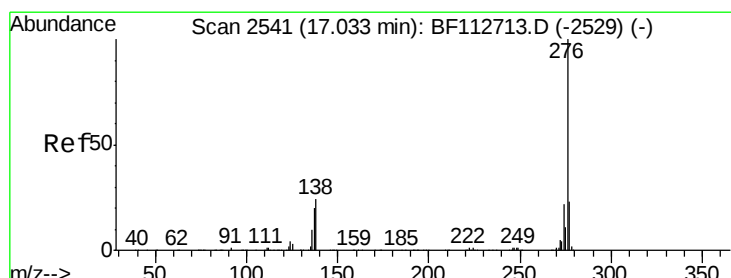
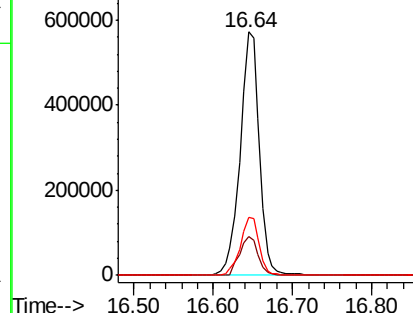
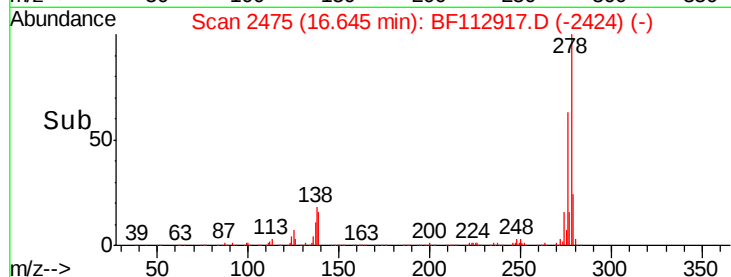


Abundance

Ion 278.00 (277.70 to 278.70): E

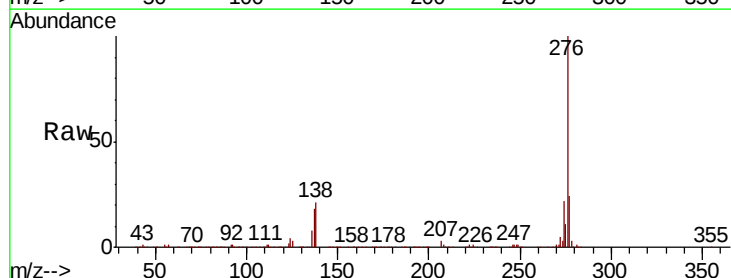
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.138 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	21.5	19.4	29.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

