

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121304.D
 Acq On : 17 Aug 2020 12:11
 Operator : JU/CG
 Sample : L3653-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

Quant Time: Aug 17 13:43:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	79786	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	315654	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	169254	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	342729	20.00	ng	0.00
76) Chrysene-d12	13.86	240	310194	20.00	ng	0.00
86) Perylene-d12	15.27	264	352882	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	436878	83.01	ng	0.00
7) Phenol-d6	6.35	99	527591	77.80	ng	0.00
23) Nitrobenzene-d5	7.27	82	341612	59.15	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	173710	83.36	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	675333	55.19	ng	0.00
79) Terphenyl-d14	12.80	244	797418	50.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	87830	39.217	ng	99
3) Pyridine	3.00	79	215253	36.922	ng	98
4) n-Nitrosodimethylamine	2.95	42	107331	44.952	ng	98
6) Aniline	6.36	93	240346	29.896	ng	# 62
8) 2-Chlorophenol	6.49	128	246046	42.518	ng	97
9) Benzaldehyde	6.25	77	147700	42.262	ng	92
10) Phenol	6.36	94	306583	41.674	ng	83
11) bis(2-Chloroethyl)ether	6.44	93	230299	43.369	ng	99
12) 1,3-Dichlorobenzene	6.65	146	250142	40.909	ng	98
13) 1,4-Dichlorobenzene	6.72	146	254262	41.141	ng	100
14) 1,2-Dichlorobenzene	6.87	146	243031	41.666	ng	99
15) Benzyl Alcohol	6.85	79	195706	43.080	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	325392	42.554	ng	100
17) 2-Methylphenol	6.97	107	194575	42.566	ng	98
18) Hexachloroethane	7.22	117	93842	42.938	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	155240	41.199	ng	99
20) 3+4-Methylphenols	7.12	107	242223	41.766	ng	# 80
22) Acetophenone	7.12	105	320072	39.369	ng	# 96
24) Nitrobenzene	7.29	77	249650	39.836	ng	97
25) Isophorone	7.53	82	456441	39.362	ng	100
26) 2-Nitrophenol	7.61	139	131118	43.181	ng	97
27) 2,4-Dimethylphenol	7.65	122	207819	42.716	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	293273	45.217	ng	99
29) 2,4-Dichlorophenol	7.85	162	203528	40.909	ng	96
30) 1,2,4-Trichlorobenzene	7.93	180	217528	39.615	ng	98
31) Naphthalene	8.01	128	693420	39.047	ng	99
32) Benzoic acid	7.78	122	119275	44.777	ng	100
33) 4-Chloroaniline	8.06	127	169240	23.352	ng	99
34) Hexachlorobutadiene	8.13	225	126340	38.028	ng	99
35) Caprolactam	8.43	113	46492	31.025	ng	92
36) 4-Chloro-3-methylphenol	8.56	107	214692	42.296	ng	94
37) 2-Methylnaphthalene	8.70	142	471832	40.376	ng	99
38) 1-Methylnaphthalene	8.80	142	441935	39.941	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	221857	39.120	ng	99

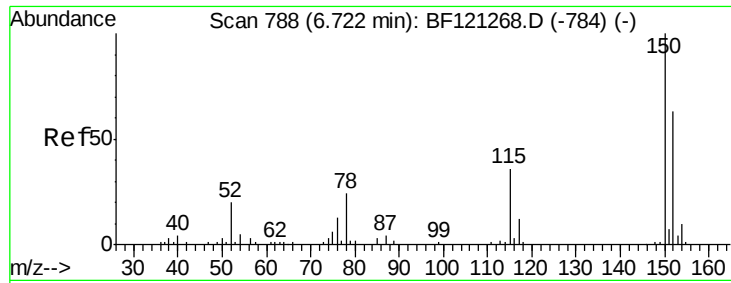
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	164862	71.846	ng	99
43) 2,4,6-Trichlorophenol	8.99	196	152215	42.203	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	162680	41.526	ng	97
46) 1,1'-Biphenyl	9.17	154	578985	39.590	ng	99
47) 2-Chloronaphthalene	9.19	162	437222	38.838	ng	99
48) 2-Nitroaniline	9.29	65	139210	43.993	ng	98
49) Acenaphthylene	9.60	152	711716	39.804	ng	100
50) Dimethylphthalate	9.47	163	617385	48.475	ng	100
51) 2,6-Dinitrotoluene	9.53	165	119116	41.956	ng	95
52) Acenaphthene	9.77	154	410027	38.731	ng	97
53) 3-Nitroaniline	9.70	138	90010	27.767	ng	93
54) 2,4-Dinitrophenol	9.82	184	120819	76.382	ng	98
55) Dibenzofuran	9.95	168	638008	37.844	ng	98
56) 4-Nitrophenol	9.87	139	203581	97.316	ng	94
57) 2,4-Dinitrotoluene	9.94	165	156635	42.040	ng	97
58) Fluorene	10.29	166	485281	38.027	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	139343	44.987	ng	99
60) Diethylphthalate	10.17	149	543821	41.990	ng	100
61) 4-Chlorophenyl-phenylether	10.28	204	240099	38.684	ng	93
62) 4-Nitroaniline	10.32	138	133350	41.030	ng	99
63) Azobenzene	10.45	77	512908	39.635	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	89644	42.933	ng	96
66) n-Nitrosodiphenylamine	10.40	169	461813	39.297	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	160960	40.262	ng	97
68) Hexachlorobenzene	10.84	284	182581	40.050	ng	97
69) Atrazine	10.93	200	130662	37.172	ng	96
70) Pentachlorophenol	11.03	266	186067	90.745	ng	97
71) Phenanthrene	11.25	178	767637	39.151	ng	100
72) Anthracene	11.30	178	788271	40.063	ng	99
73) Carbazole	11.46	167	744482	38.689	ng	100
74) Di-n-butylphthalate	11.79	149	924660	42.571	ng	99
75) Fluoranthene	12.43	202	910117	41.686	ng	100
77) Benzidine	12.56	184	300918	36.902	ng	98
78) Pyrene	12.66	202	944871	40.905	ng	100
80) Butylbenzylphthalate	13.29	149	425265	45.071	ng	99
81) Benzo(a)anthracene	13.85	228	813112	38.648	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	263341	31.548	ng	98
83) Chrysene	13.89	228	856937	39.894	ng	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	533534	41.024	ng	99
85) Di-n-octyl phthalate	14.46	149	1079379	45.267	ng	99
87) Indeno(1,2,3-cd)pyrene	16.64	276	1088490	41.488	ng	99
88) Benzo(b)fluoranthene	14.87	252	948985	40.136	ng	99
89) Benzo(k)fluoranthene	14.90	252	886301	40.366	ng	99
90) Benzo(a)pyrene	15.22	252	852555	39.949	ng	99
91) Dibenzo(a,h)anthracene	16.66	278	894779	39.802	ng	99
92) Benzo(g,h,i)perylene	17.06	276	932256	42.021	ng	99

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

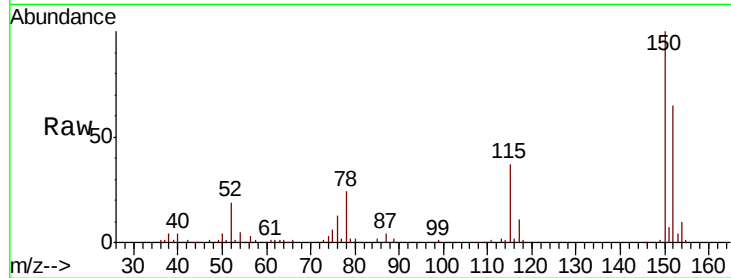


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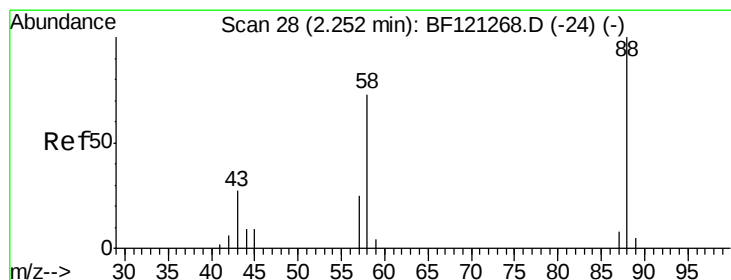
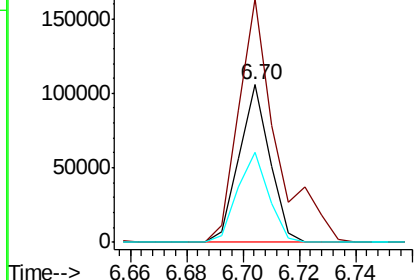
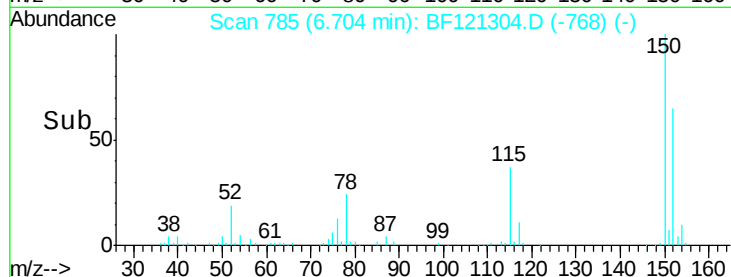
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Tot Ion:152 Resp: 79786
Ion Ratio Lower Upper
152 100
150 154.7 123.9 185.9
115 56.9 47.3 70.9



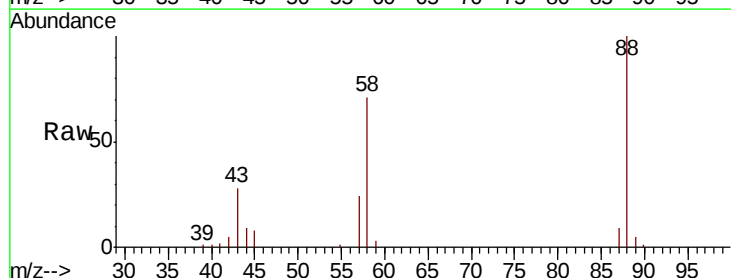
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



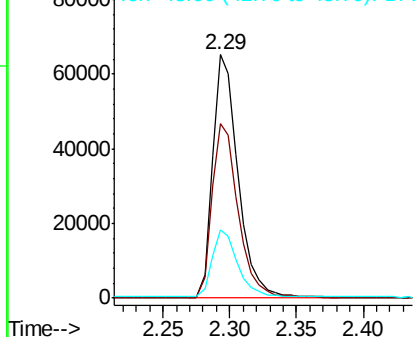
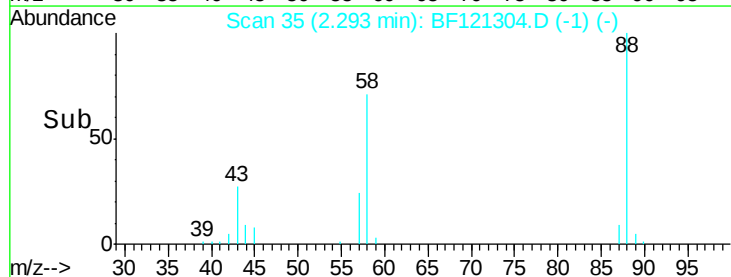
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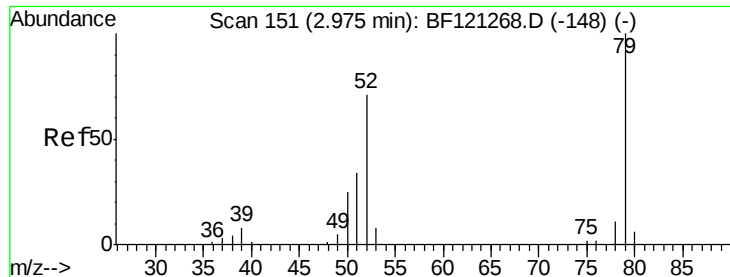
1,4-Dioxane
Concen: 39.217 ng
RT: 2.29 min Scan# 35
Delta R.T. 0.02 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion: 88 Resp: 87830
Ion Ratio Lower Upper
88 100
58 73.7 57.8 86.8
43 27.7 22.2 33.2



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

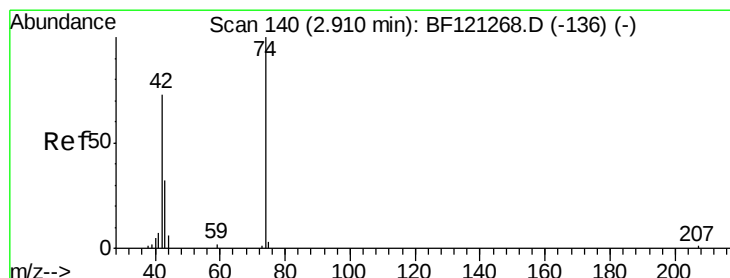
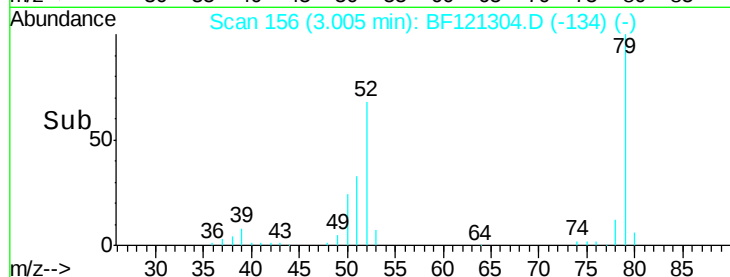
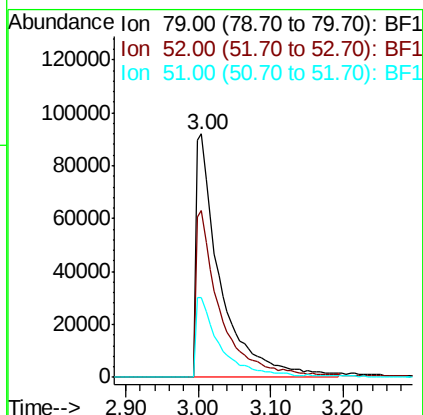
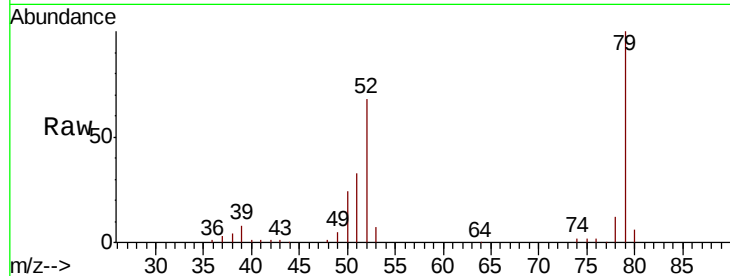




#3
 Pvridine
 Concen: 36.922 ng
 RT: 3.00 min Scan# 156
 Delta R.T. 0.03 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

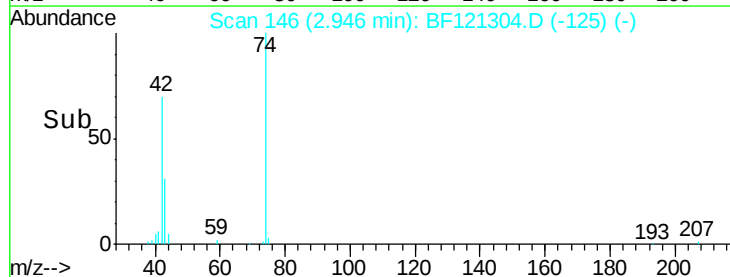
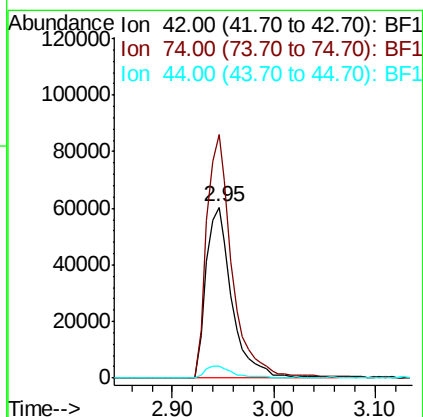
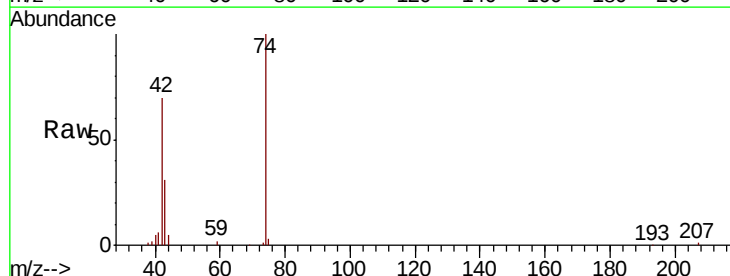
Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

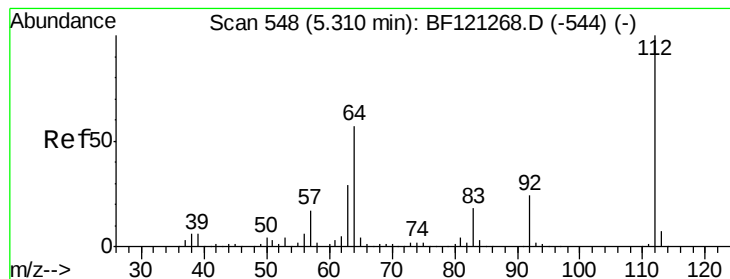
Tot Ion: 79 Resp: 215253
 Ion Ratio Lower Upper
 79 100
 52 68.3 56.9 85.3
 51 32.8 26.3 39.5



#4
 n-Nitrosodimethylamine
 Concen: 44.952 ng
 RT: 2.95 min Scan# 146
 Delta R.T. 0.02 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion: 42 Resp: 107331
 Ion Ratio Lower Upper
 42 100
 74 142.4 115.8 173.8
 44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 83.014 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

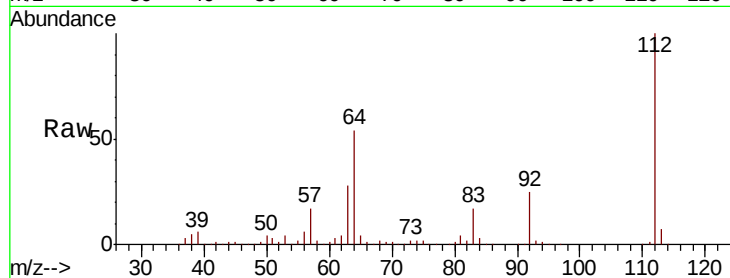
Tot Ion:112 Resp: 436878

Ion Ratio Lower Upper

112 100

64 54.5 42.9 64.3

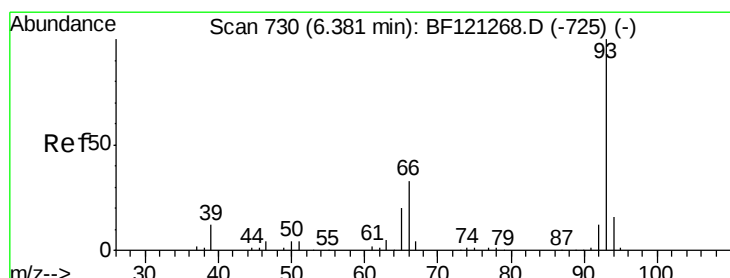
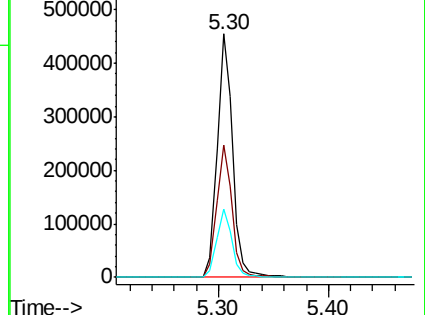
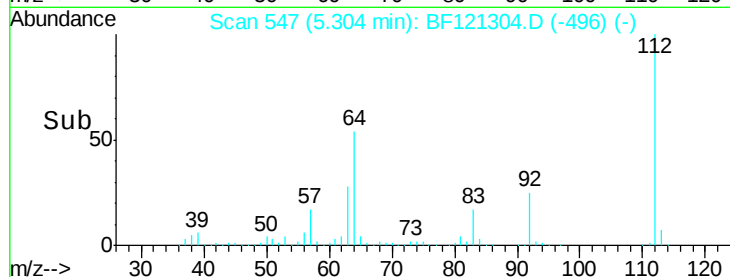
63 27.9 22.2 33.2



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: 29.896 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

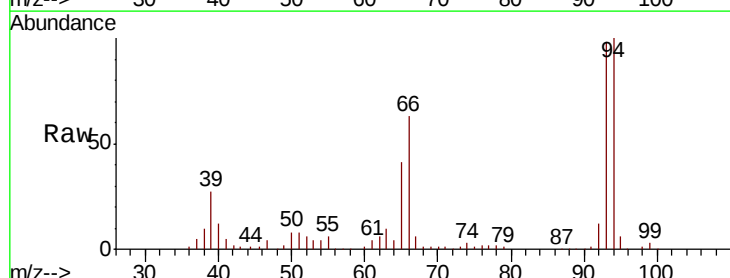
Tgt Ion: 93 Resp: 240346

Ion Ratio Lower Upper

93 100

66 63.9 32.2 48.4#

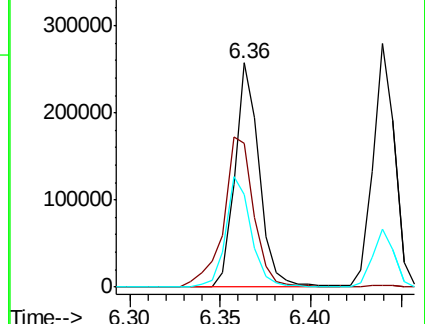
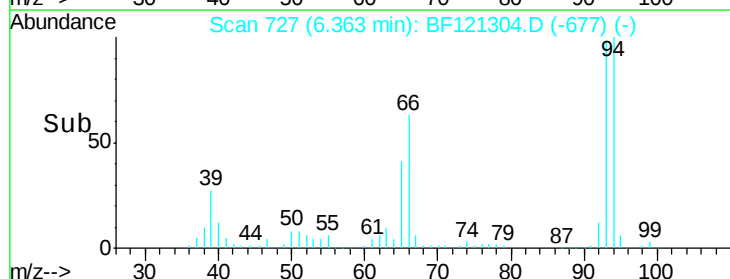
65 41.5 18.2 27.4#

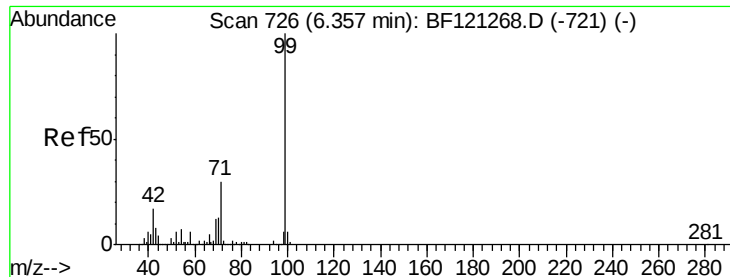


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.796 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

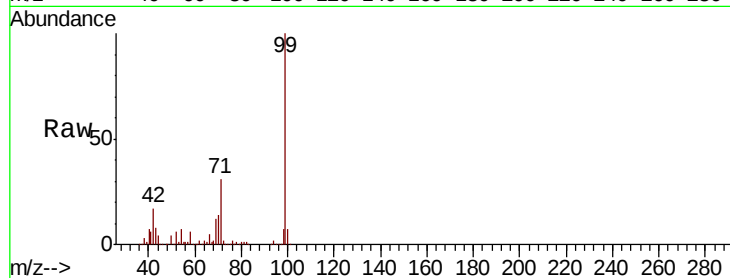
Tot Ion: 99 Resp: 527591

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

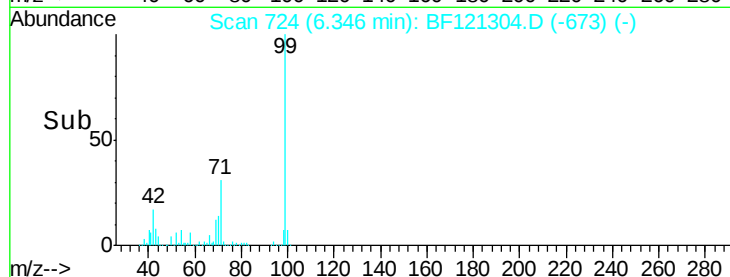
71 30.7 24.8 37.2



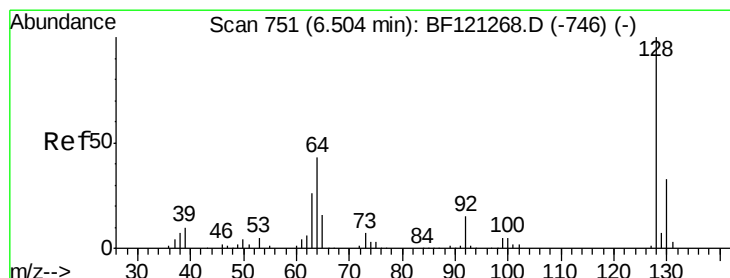
Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.35

6.30 6.40 6.50



Time-->



#8

2-Chlorophenol

Concen: 42.518 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

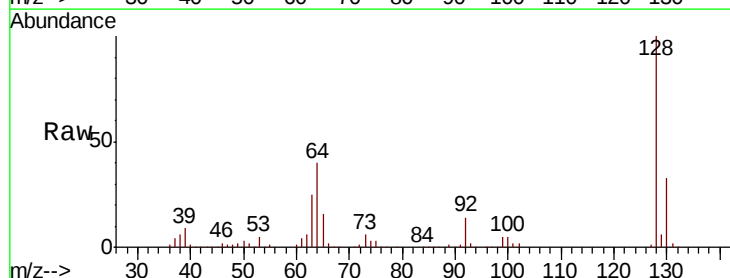
Tgt Ion: 128 Resp: 246046

Ion Ratio Lower Upper

128 100

130 33.5 11.9 51.9

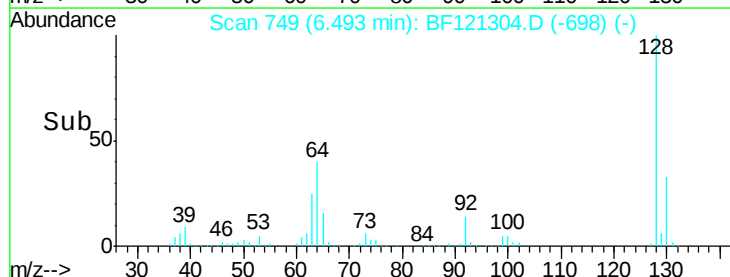
64 40.2 22.5 62.5



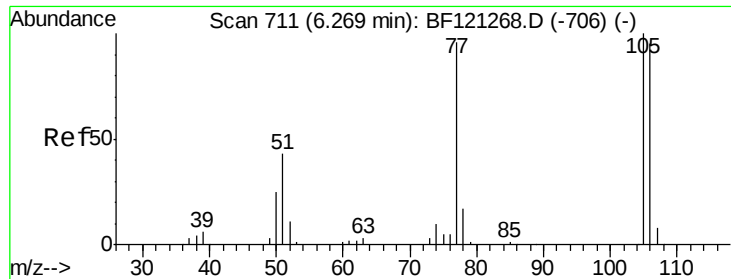
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

6.49

6.45 6.50 6.55 6.60



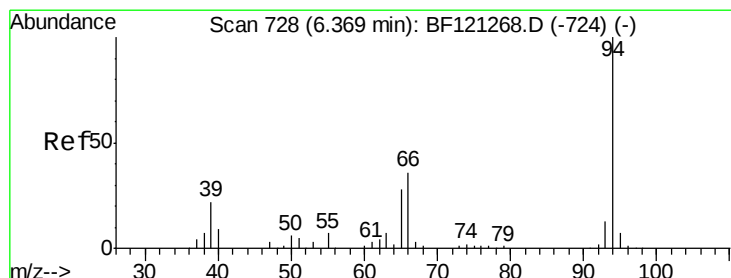
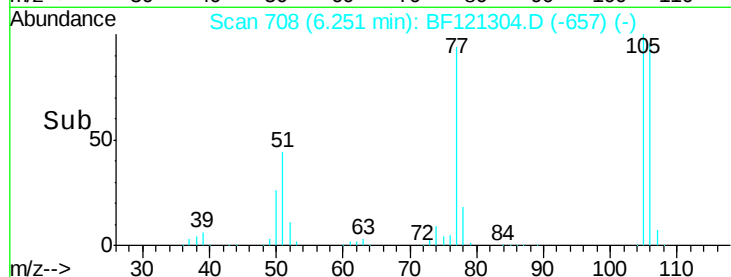
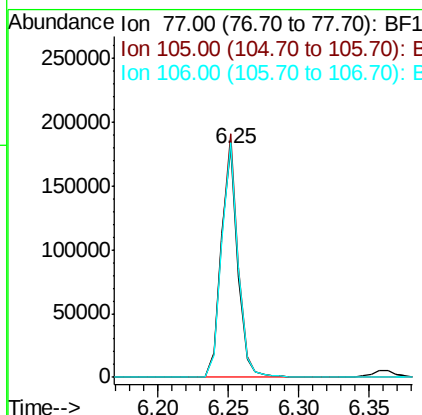
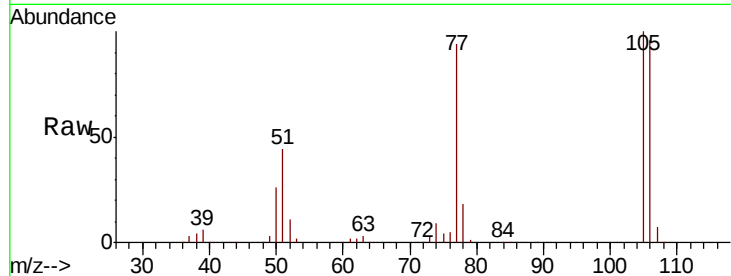
Time-->



#9
Benzaldehyde
Concen: 42.262 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

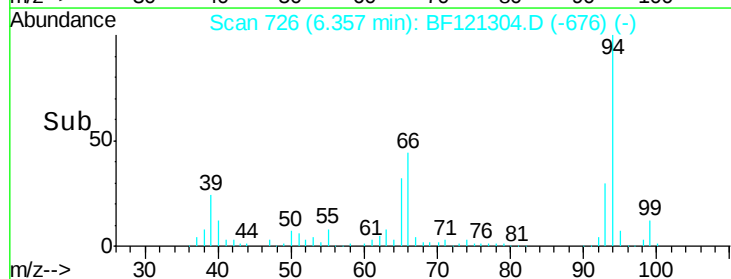
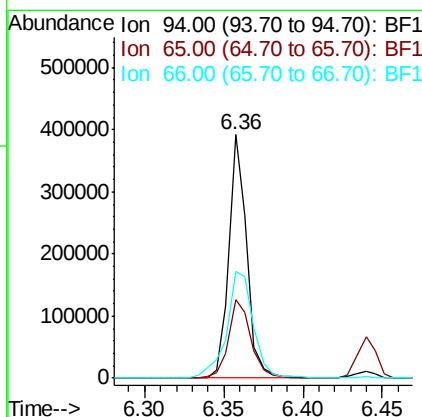
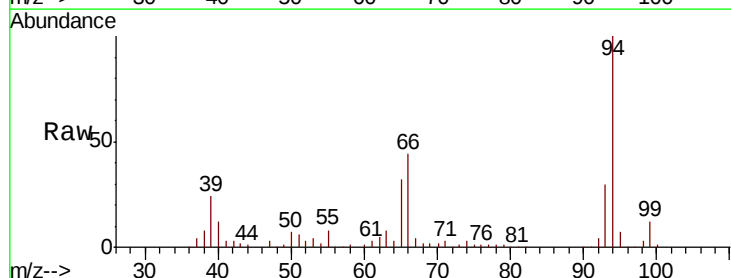
Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

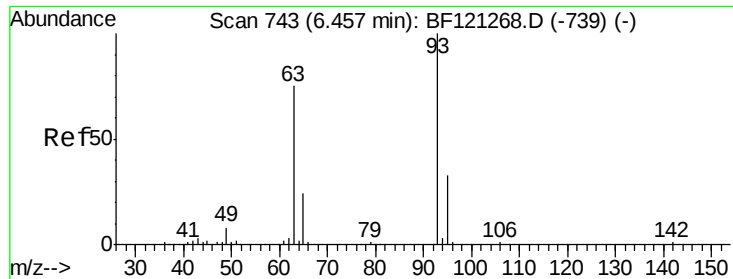
Tot Ion: 77 Resp: 147700
Ion Ratio Lower Upper
77 100
105 106.2 77.6 117.6
106 102.2 74.9 114.9



#10
Phenol
Concen: 41.674 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion: 94 Resp: 306583
Ion Ratio Lower Upper
94 100
65 32.2 19.2 59.2
66 43.9 39.6 79.6

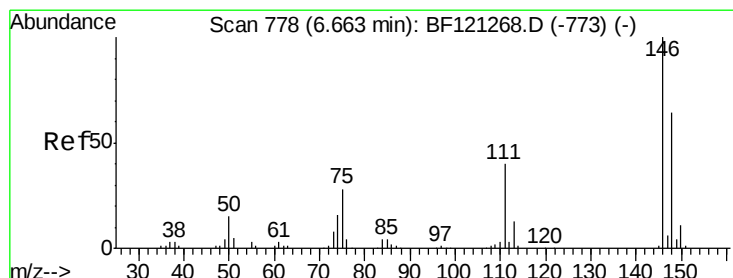
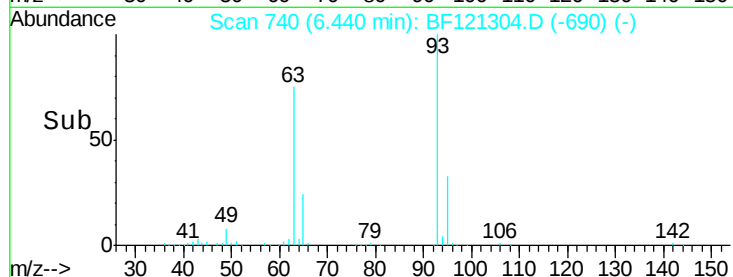
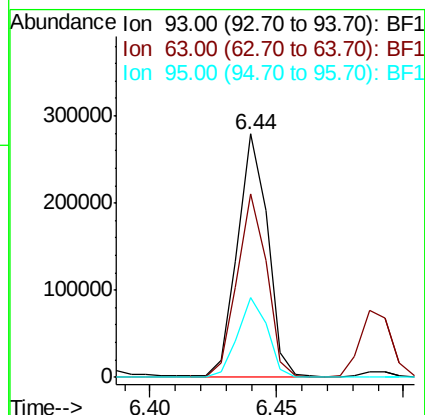
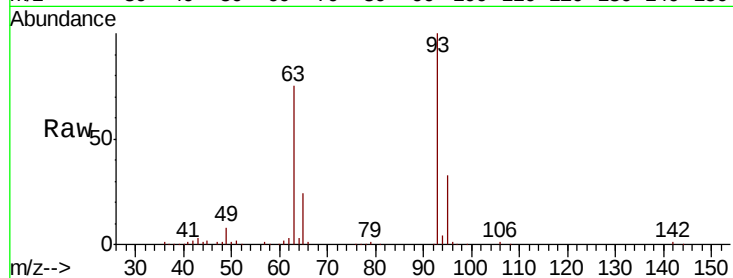




#11
 bis(2-Chloroethyl)ether
 Concen: 43.369 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

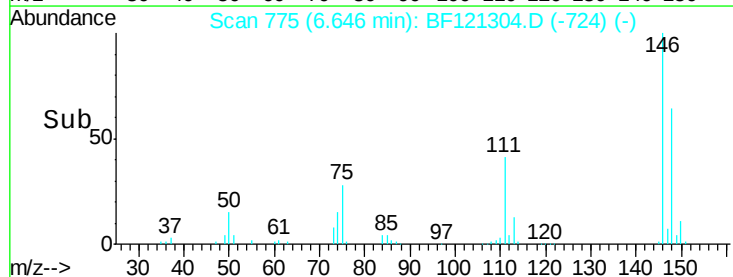
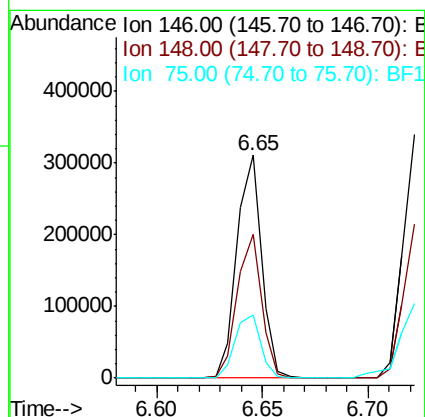
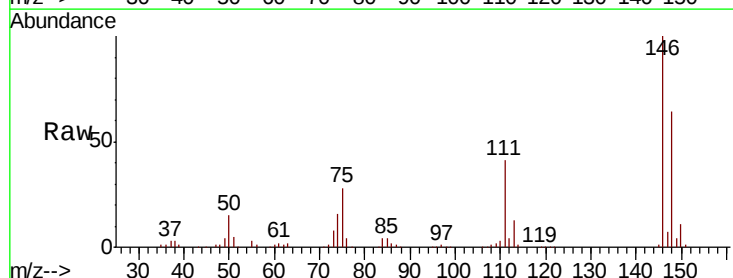
Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

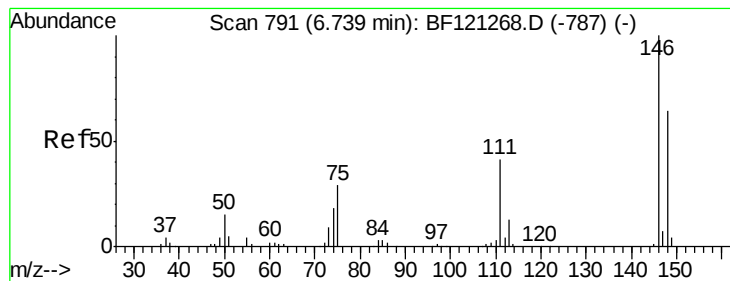
Tot Ion	93	Resp	230299
Ion Ratio	Lower	Upper	
93	100		
63	75.2	53.9	93.9
95	32.9	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 40.909 ng
 RT: 6.65 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion	146	Resp	250142
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.8	76.2
75	28.5	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 41.141 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

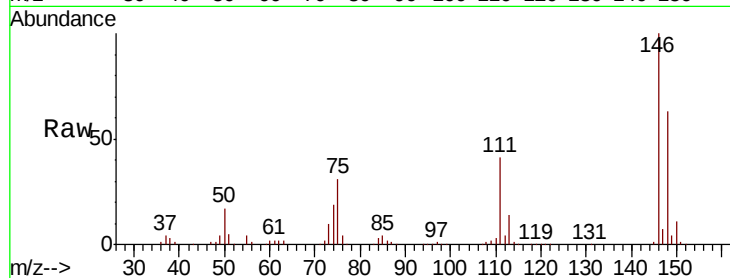
Tot Ion:146 Resp: 254262

Ion Ratio Lower Upper

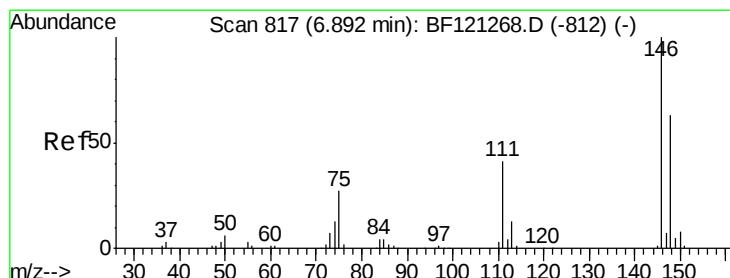
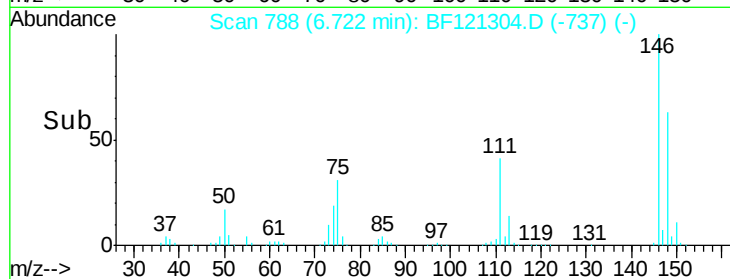
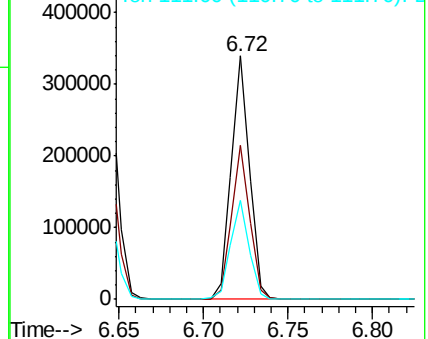
146 100

148 63.0 50.6 75.8

111 40.8 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.666 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

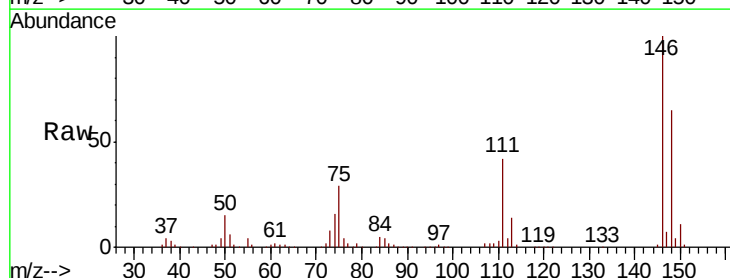
Tgt Ion:146 Resp: 243031

Ion Ratio Lower Upper

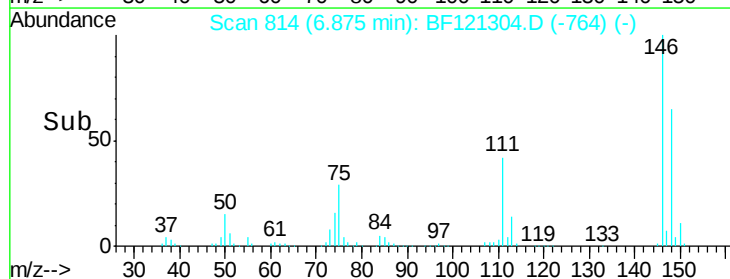
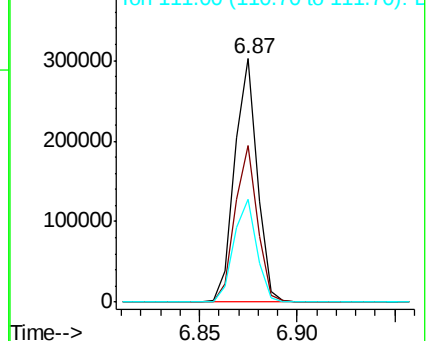
146 100

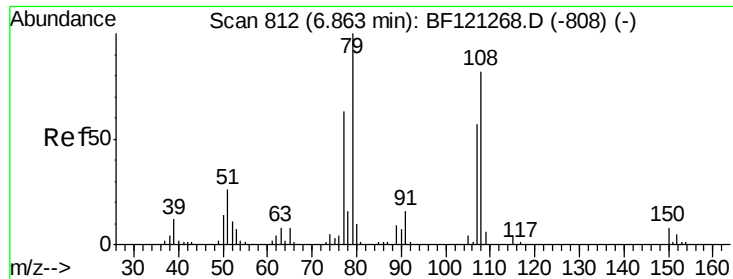
148 64.5 51.4 77.0

111 42.1 32.3 48.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

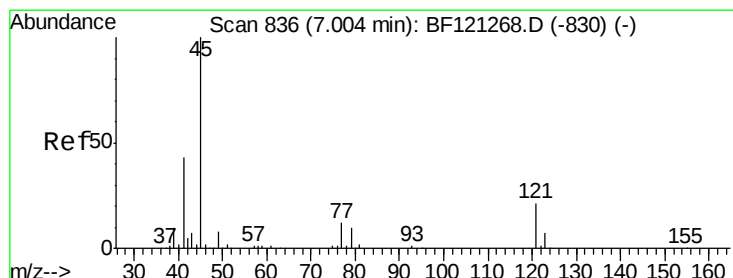
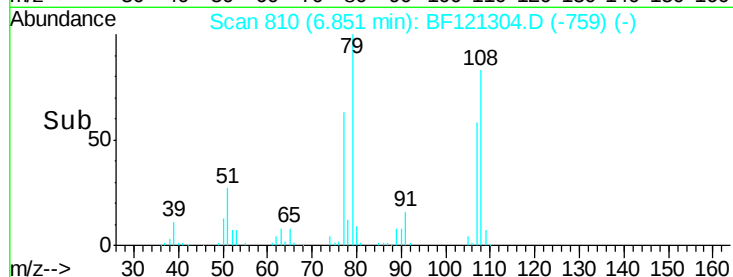
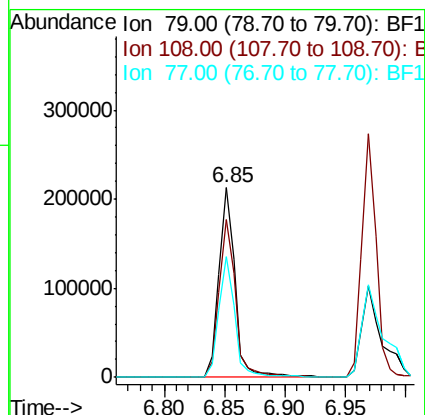
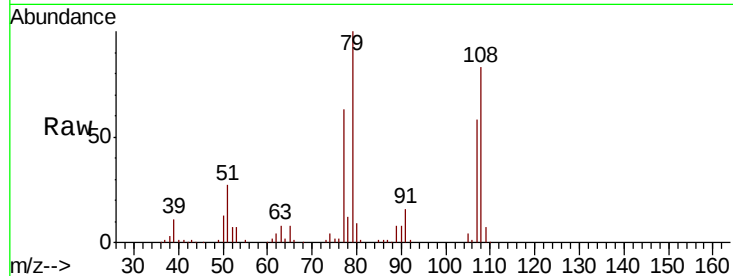




#15
Benzyl Alcohol
Concen: 43.080 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

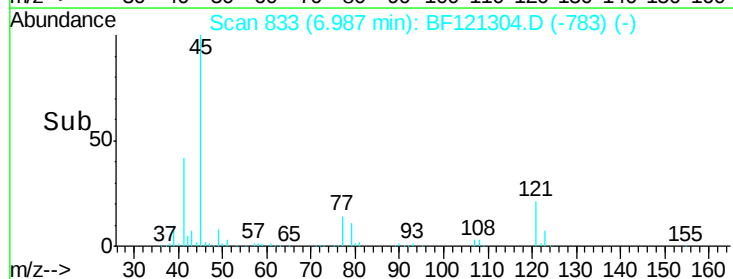
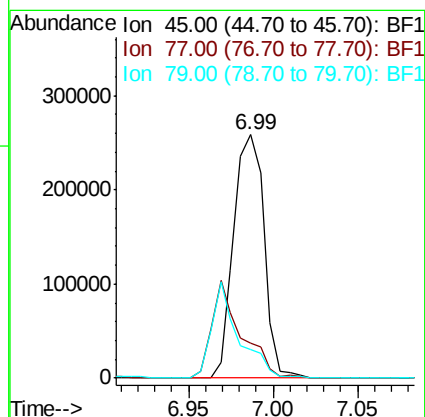
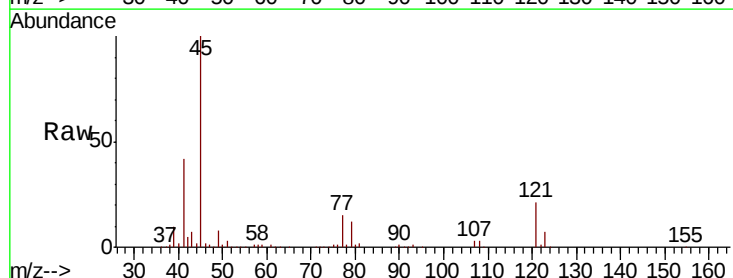
Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

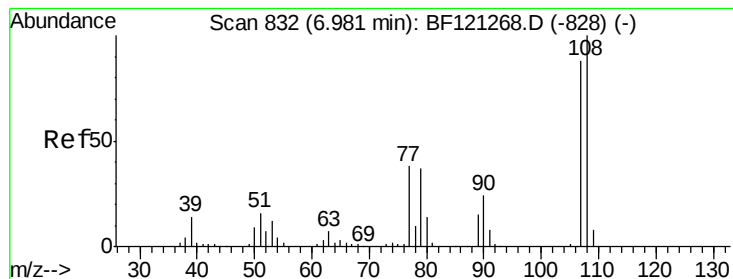
Tot Ion	Ratio	Lower	Upper
79	100		
108	83.4	66.3	99.5
77	63.4	50.0	75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.554 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.4
79	11.5	0.0	31.5

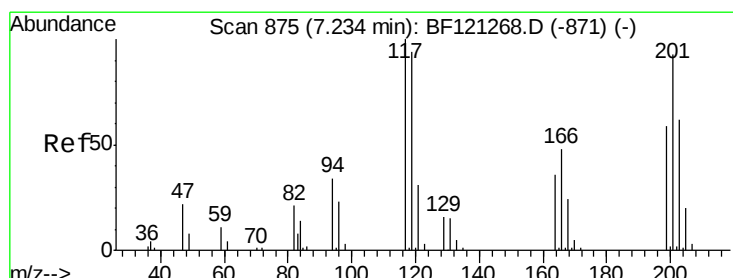
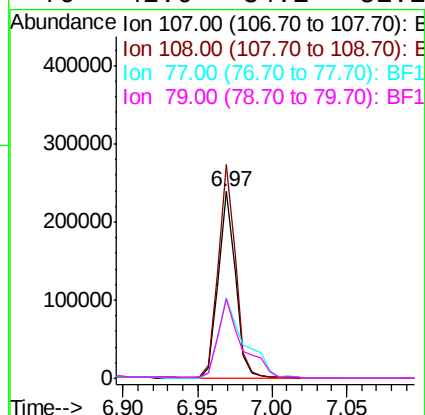
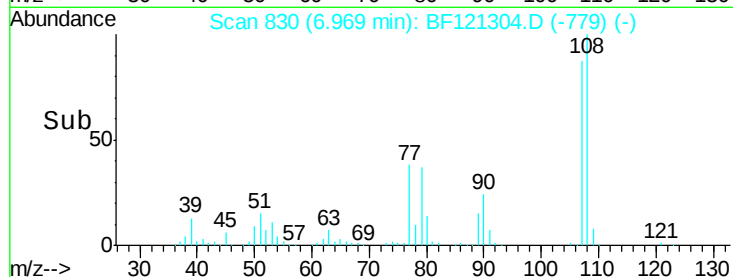
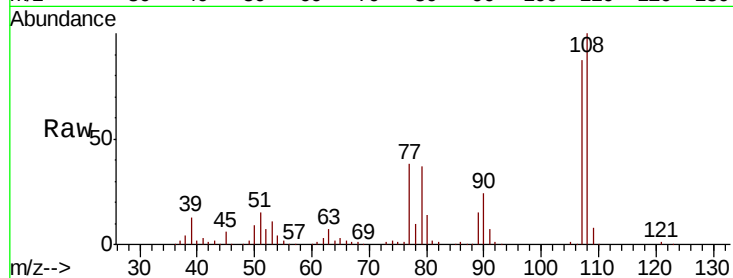




#17
2-Methylphenol
Concen: 42.566 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

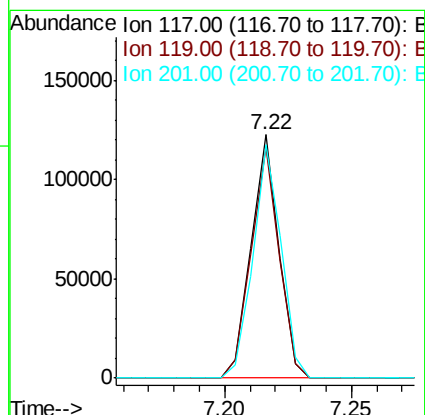
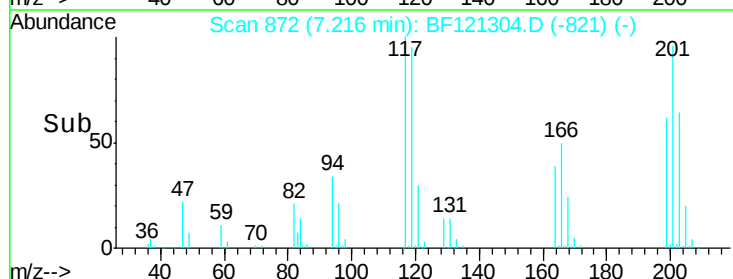
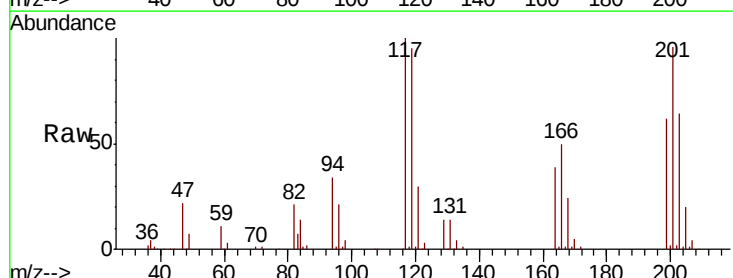
Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

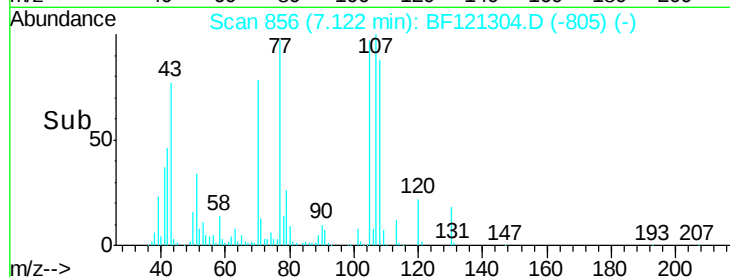
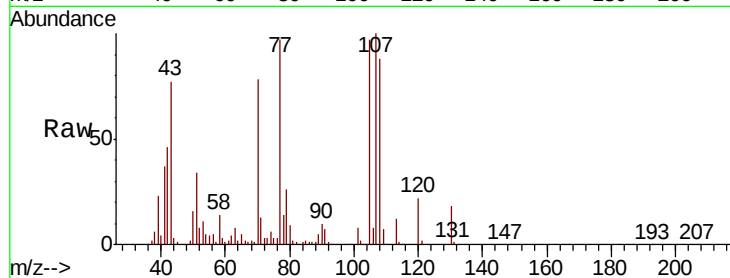
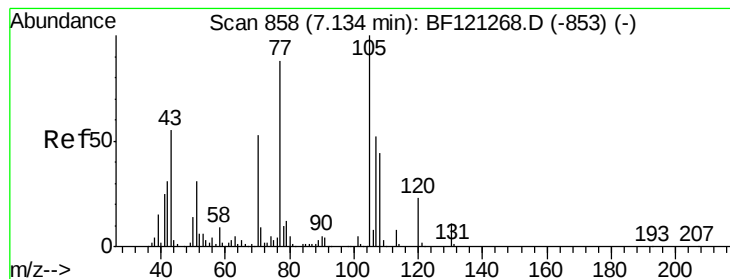
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.4	140.0
77	43.4	35.7	53.5
79	42.6	34.1	51.1



#18
Hexachloroethane
Concen: 42.938 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.6	112.0
201	95.9	69.8	104.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.199 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

Tot Ion: 70 Resp: 155240

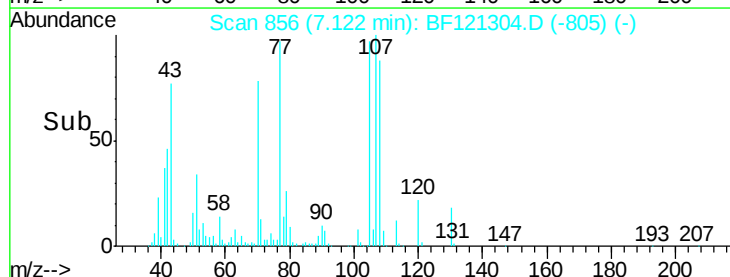
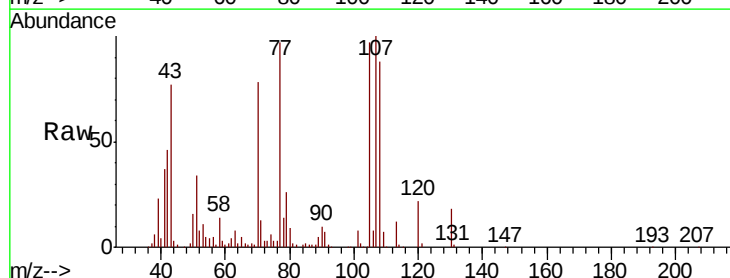
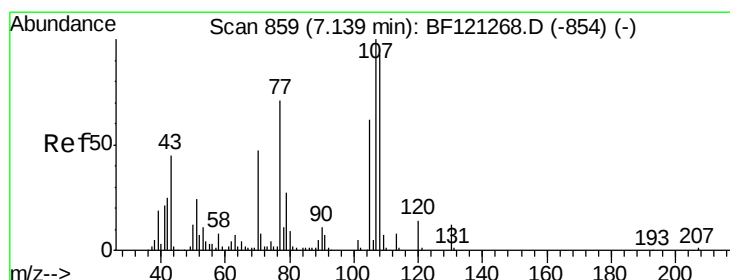
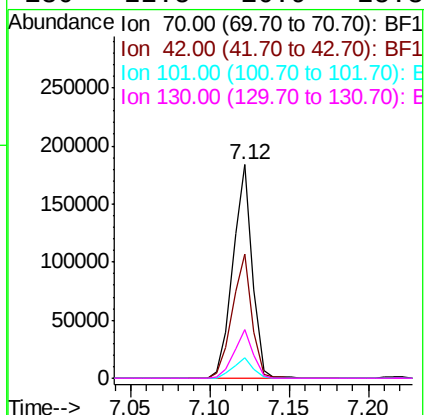
Ion Ratio Lower Upper

70 100

42 58.4 47.0 70.6

101 9.9 7.6 11.4

130 22.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 41.766 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Tgt Ion:107 Resp: 242223

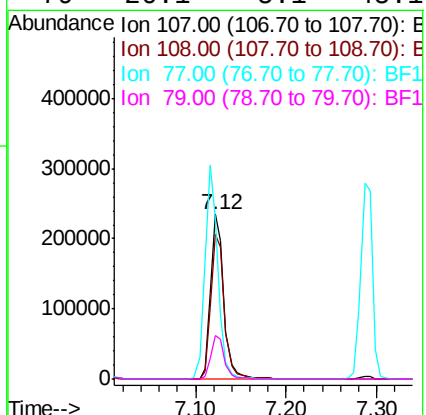
Ion Ratio Lower Upper

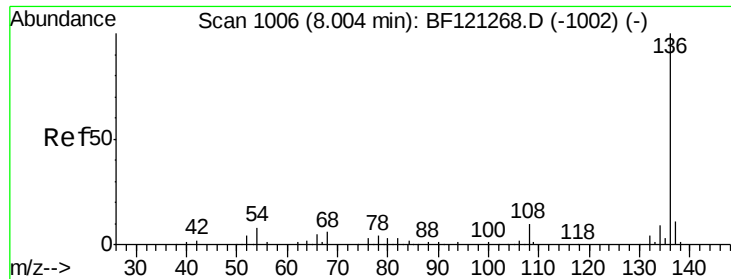
107 100

108 87.6 66.3 106.3

77 97.3 119.8 159.8#

79 26.1 5.1 45.1

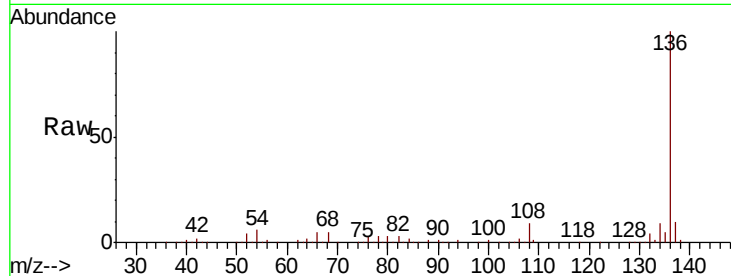




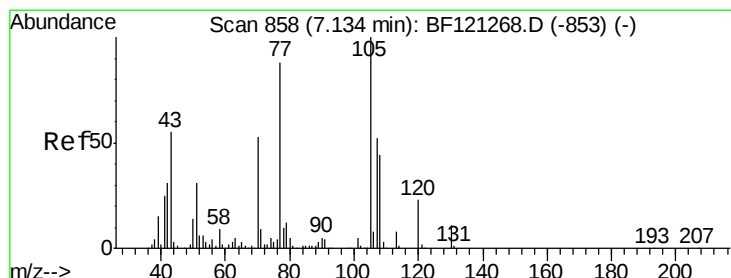
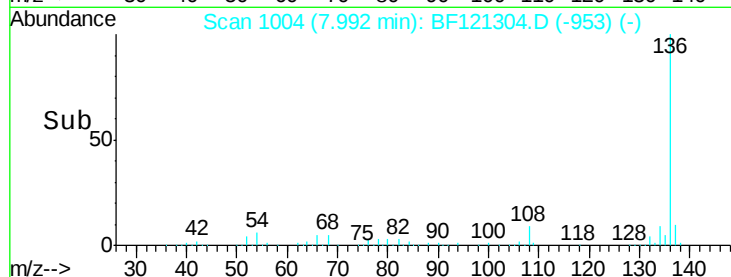
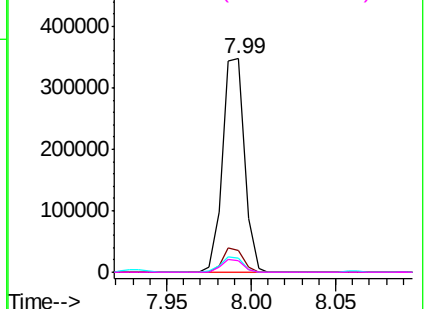
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Tot Ion:136	Resp:	315654
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.6 13.0
54	6.3	5.4 8.2
68	5.3	4.6 6.8

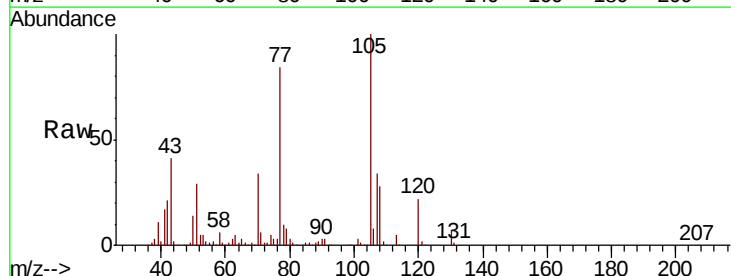


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

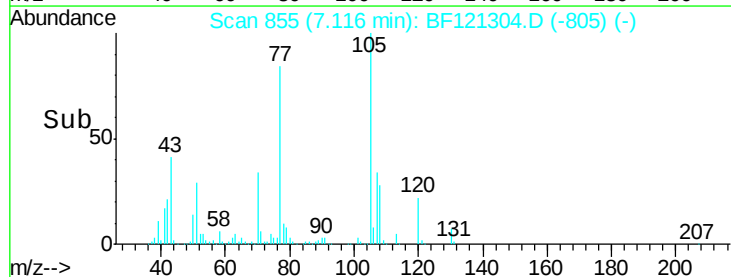
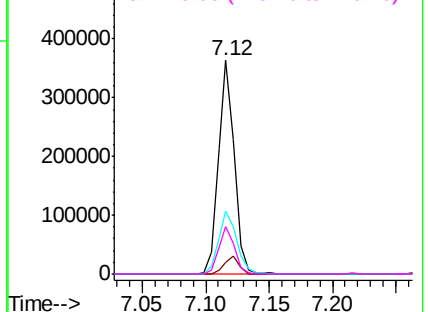


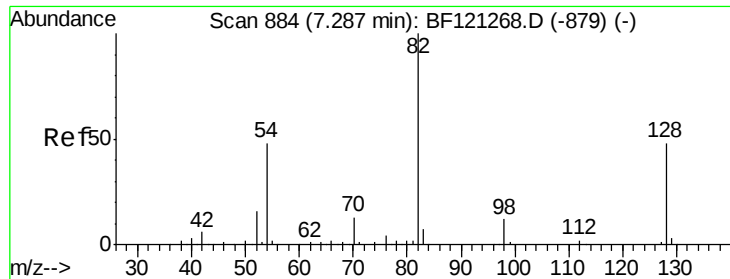
#22
Acetophenone
Concen: 39.369 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion:105	Resp:	320072
Ion Ratio	Lower	Upper
105	100	
71	5.7	7.1 10.7#
51	29.4	25.9 38.9
120	22.5	17.8 26.8



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

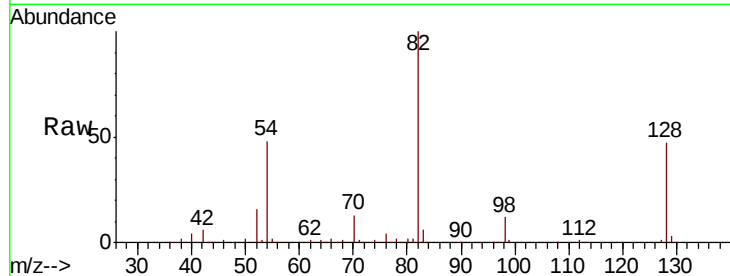




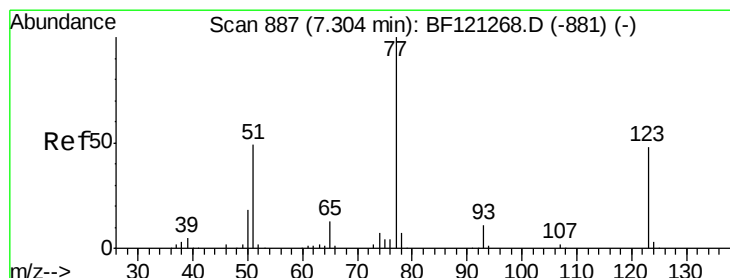
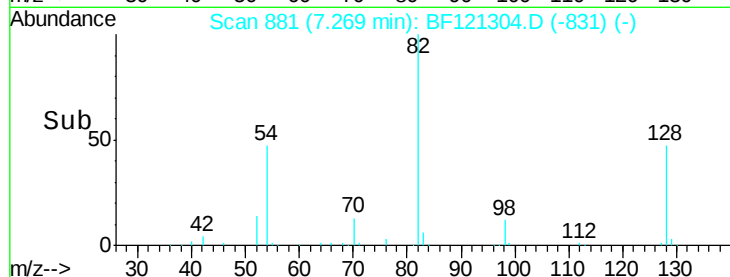
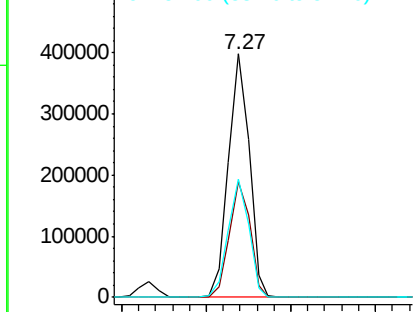
#23
 Nitrobenzene-d5
 Concen: 59.147 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

Tot Ion: 82 Resp: 341612
 Ion Ratio Lower Upper
 82 100
 128 47.3 38.2 57.2
 54 48.5 38.2 57.4

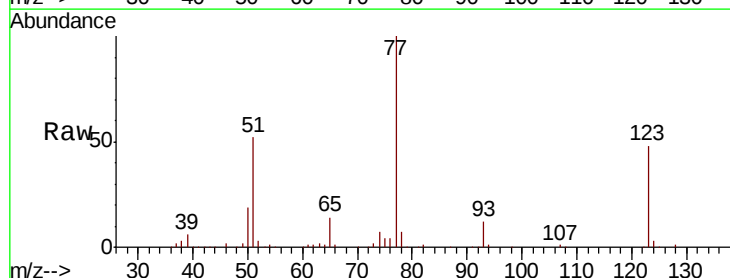


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

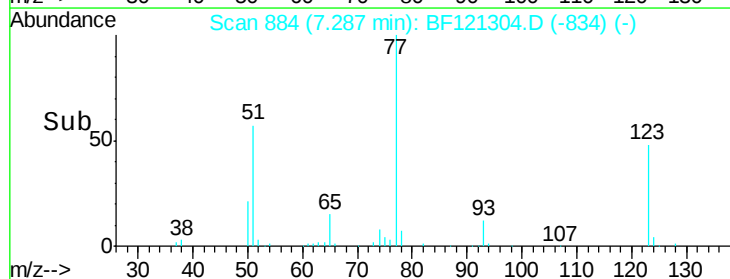
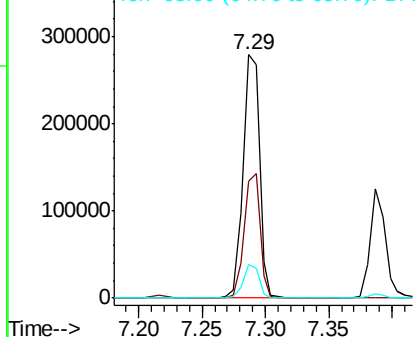


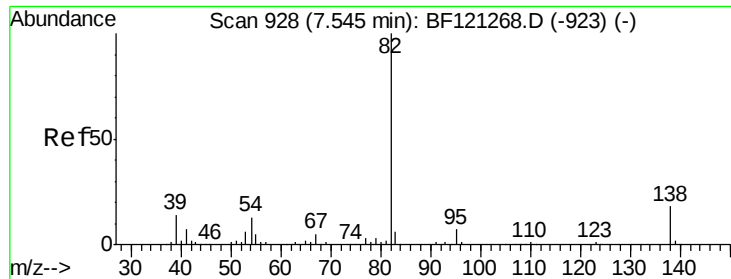
#24
 Nitrobenzene
 Concen: 39.836 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion: 77 Resp: 249650
 Ion Ratio Lower Upper
 77 100
 123 47.9 40.3 60.5
 65 13.7 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.362 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

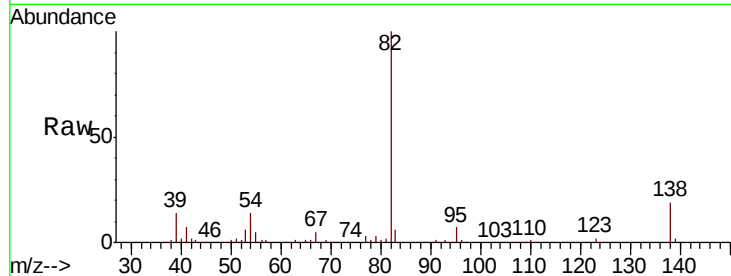
Tot Ion: 82 Resp: 456441

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

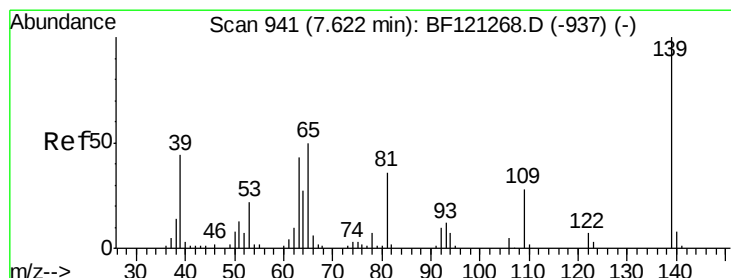
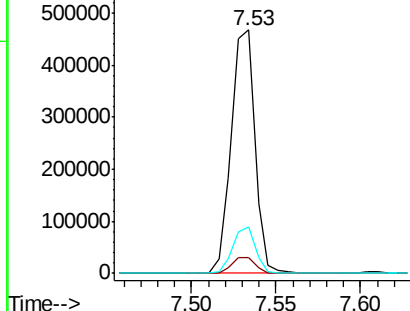
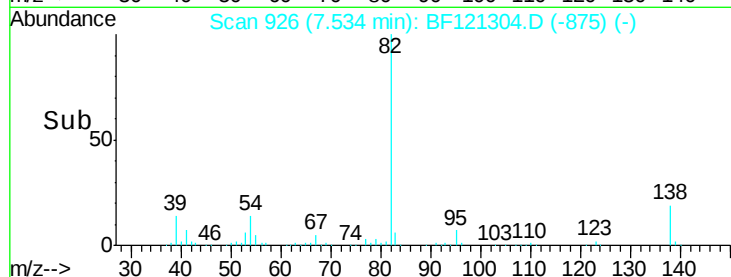
138 19.3 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.181 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

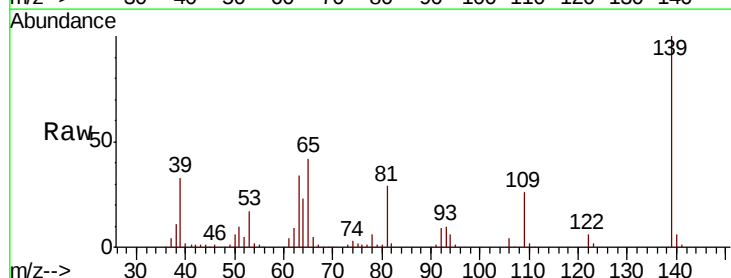
Tgt Ion: 139 Resp: 131118

Ion Ratio Lower Upper

139 100

109 26.3 20.8 31.2

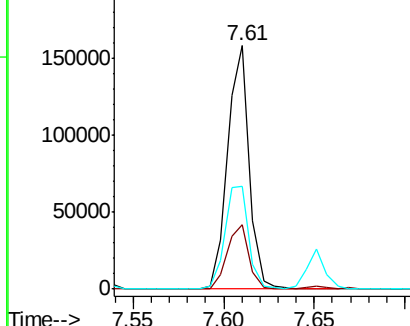
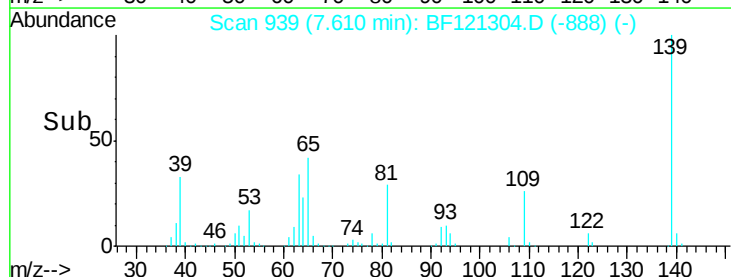
65 42.4 36.4 54.6

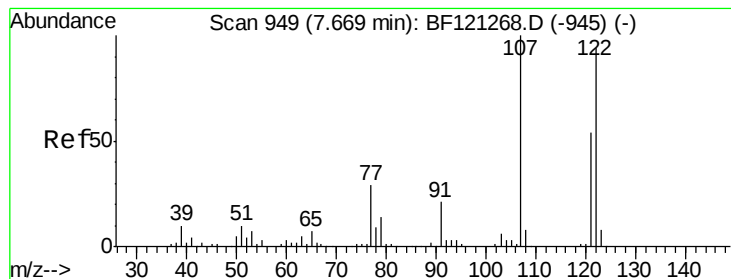


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.716 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

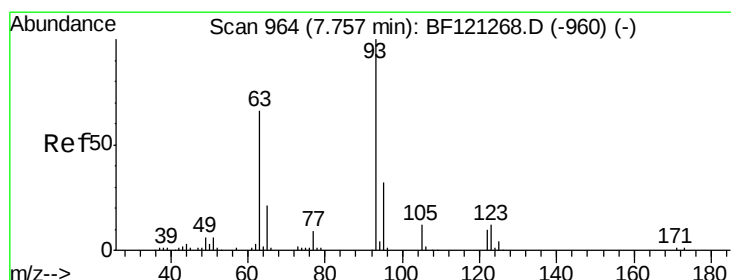
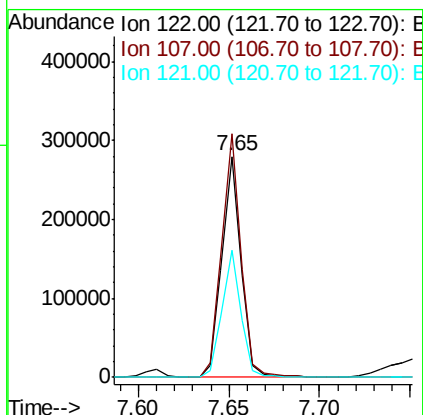
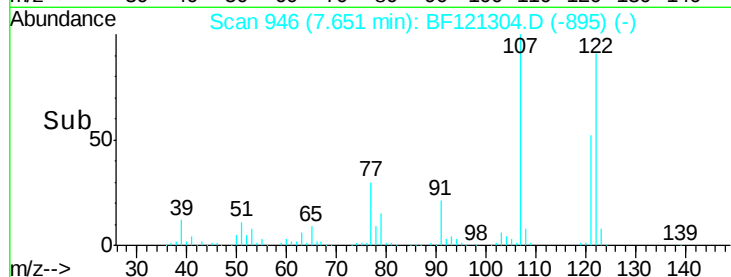
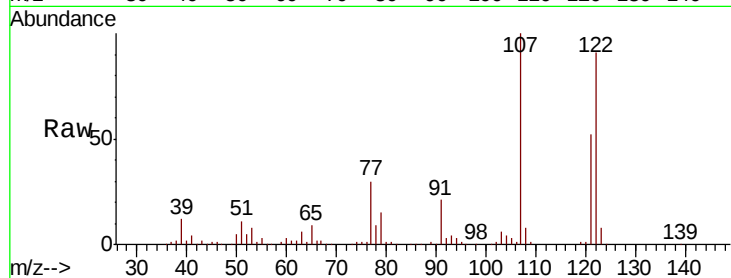
Tot Ion:122 Resp: 207819

Ion Ratio Lower Upper

122 100

107 110.1 87.2 130.8

121 57.7 45.7 68.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.217 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

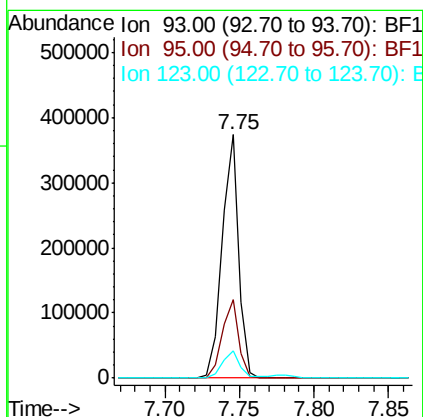
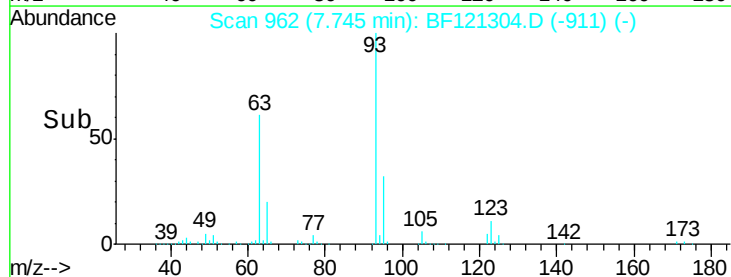
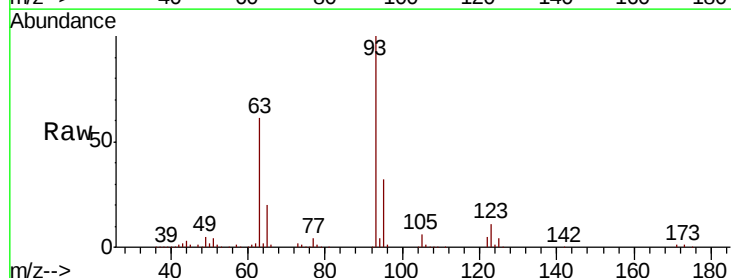
Tgt Ion: 93 Resp: 293273

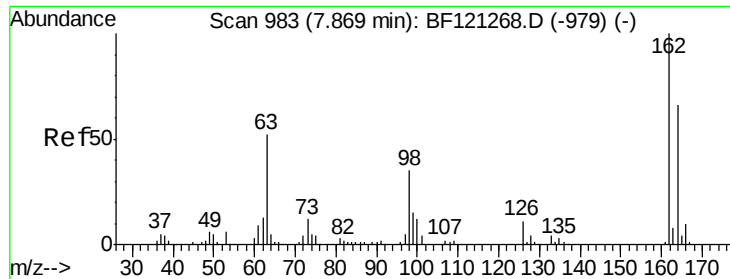
Ion Ratio Lower Upper

93 100

95 32.5 26.7 40.1

123 11.4 9.1 13.7

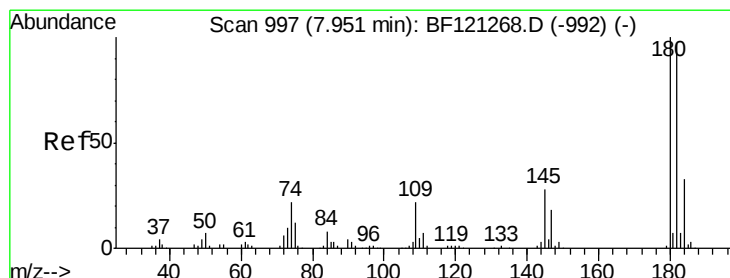
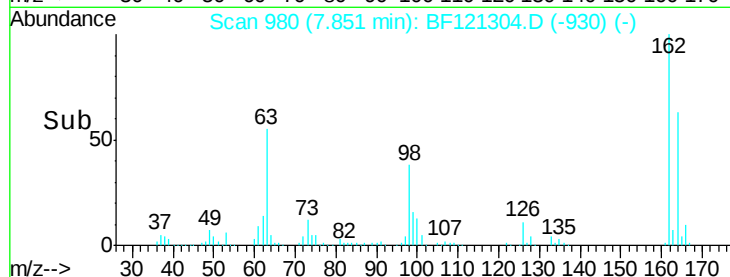
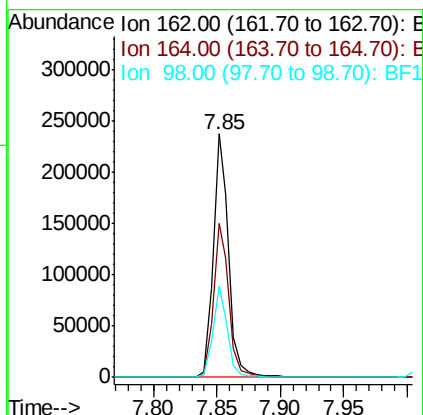
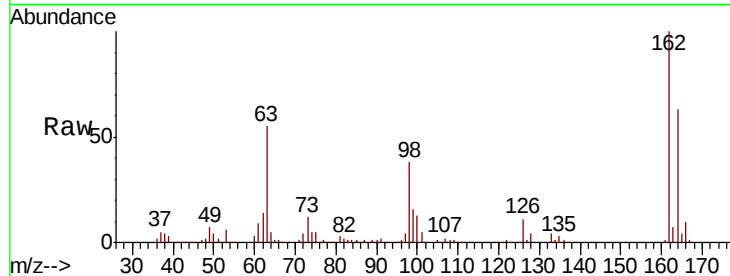




#29
 2,4-Dichlorophenol
 Concen: 40.909 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

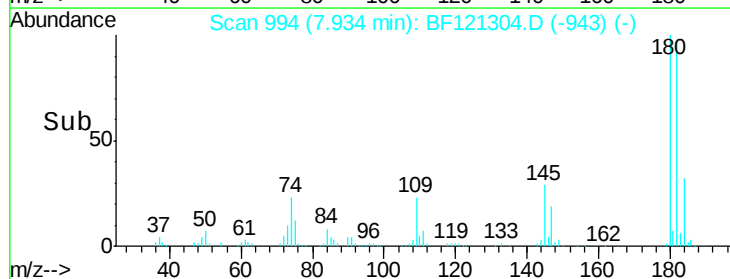
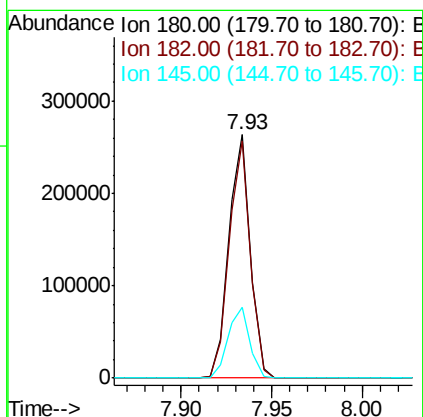
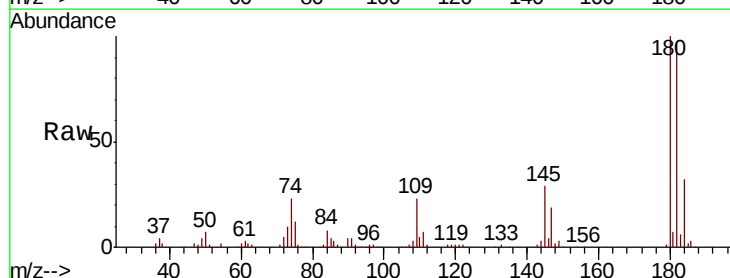
Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

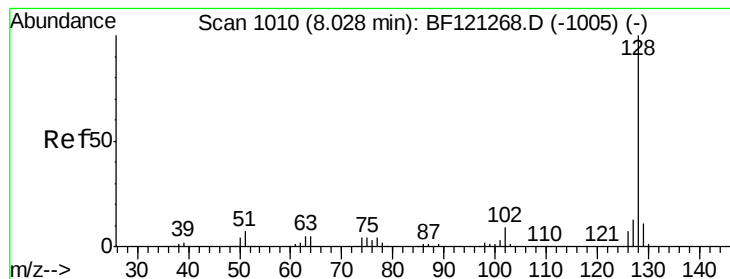
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.0	85.0
98	37.5	13.7	53.7



#30
 1,2,4-Trichlorobenzene
 Concen: 39.615 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.8	113.6
145	28.8	23.4	35.0





#31

Naphthalene

Concen: 39.047 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

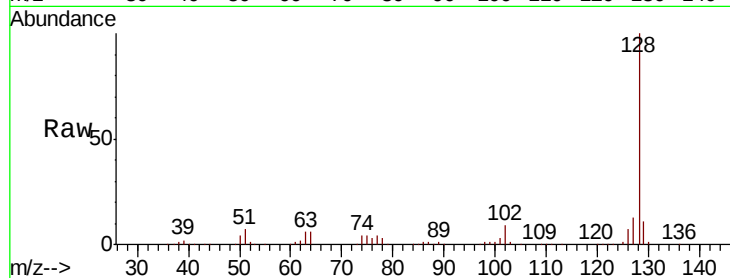
Tot Ion:128 Resp: 693420

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

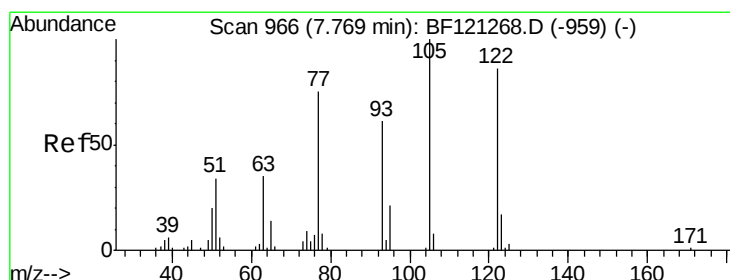
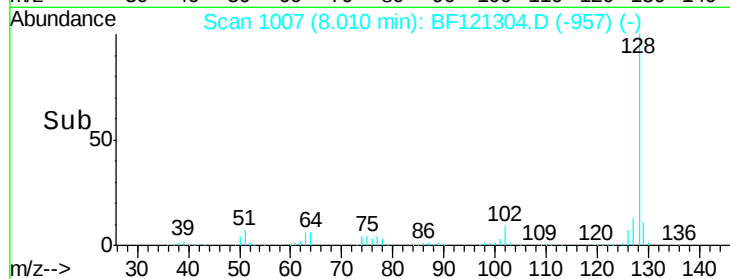
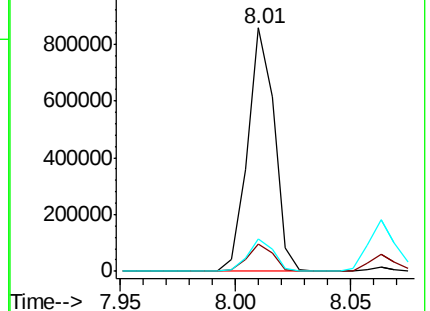
127 13.3 10.6 15.8



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: 44.777 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

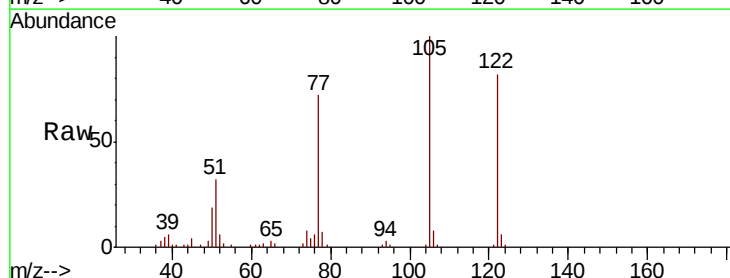
Tgt Ion:122 Resp: 119275

Ion Ratio Lower Upper

122 100

105 121.3 101.1 141.1

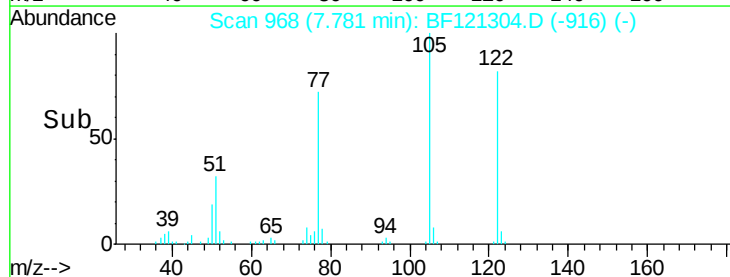
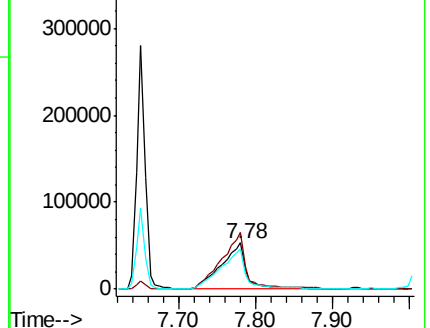
77 87.7 67.8 107.8

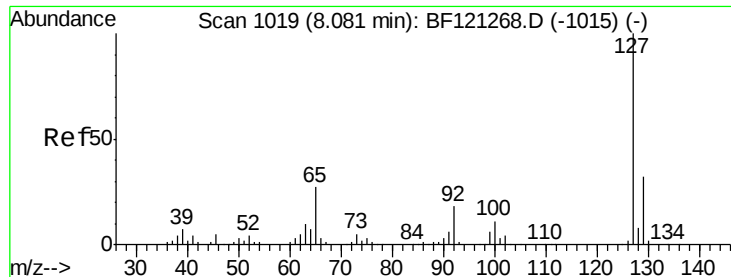


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

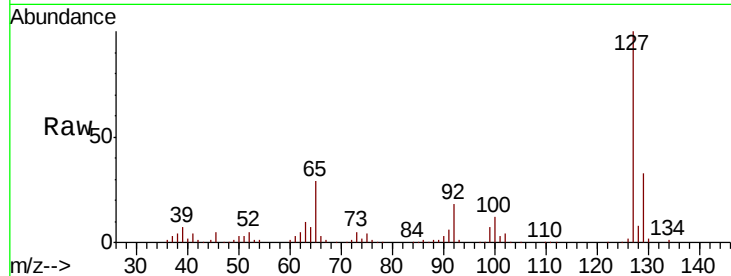




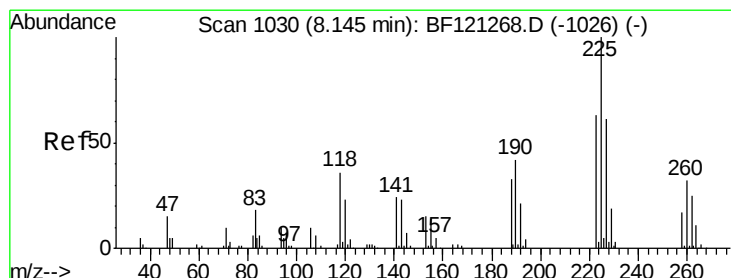
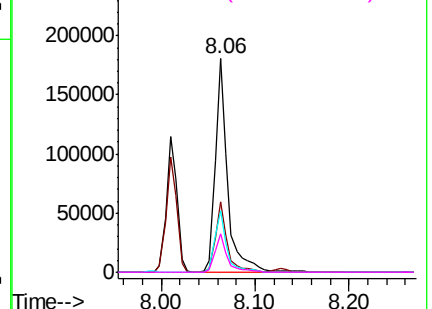
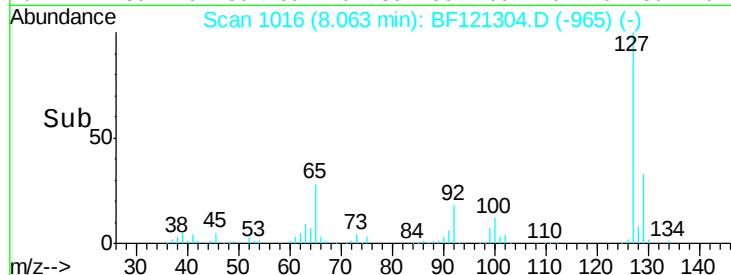
#33
4-Chloroaniline
Concen: 23.352 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Tot Ion:127	Resp:	169240
Ion Ratio	Lower	Upper
127	100	
129	32.9	25.7 38.5
65	28.5	22.9 34.3
92	18.2	15.0 22.4

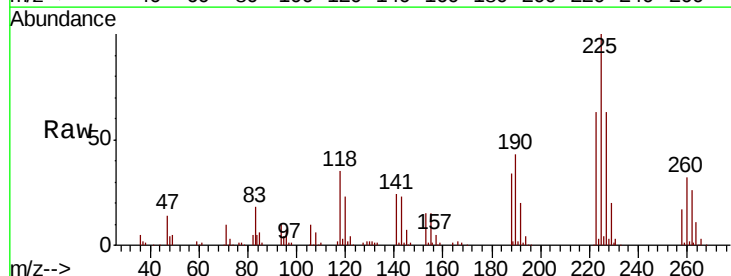


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

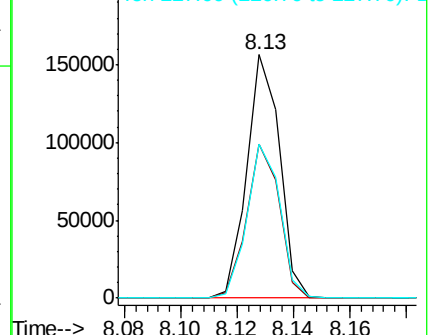
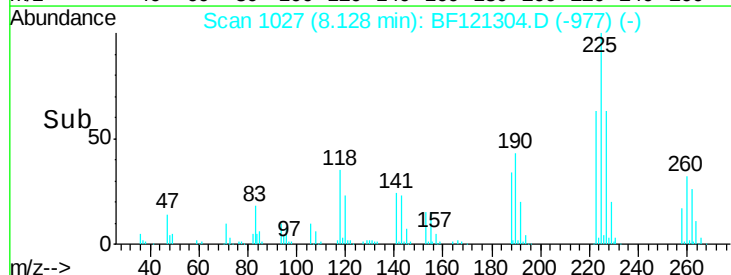


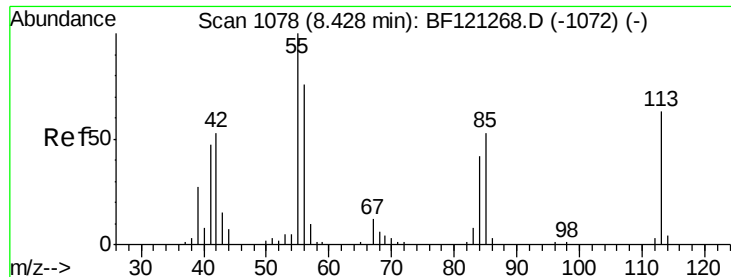
#34
Hexachlorobutadiene
Concen: 38.028 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion:225	Resp:	126340
Ion Ratio	Lower	Upper
225	100	
223	63.2	51.0 76.4
227	63.3	51.0 76.4



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

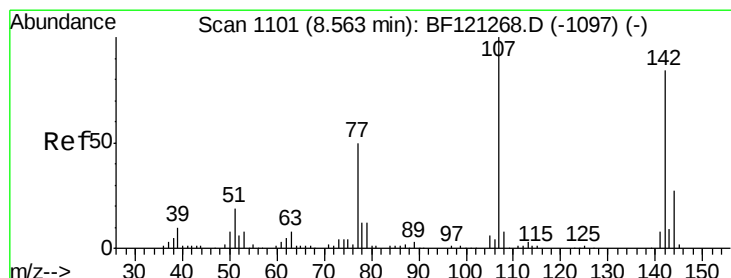
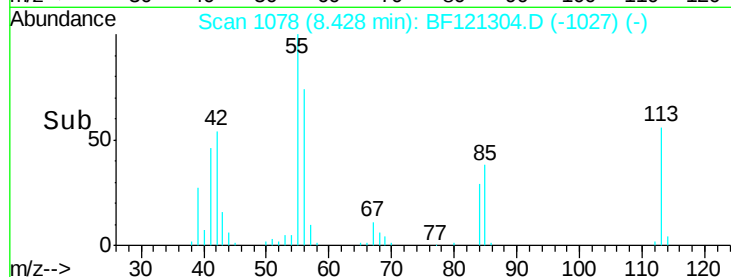
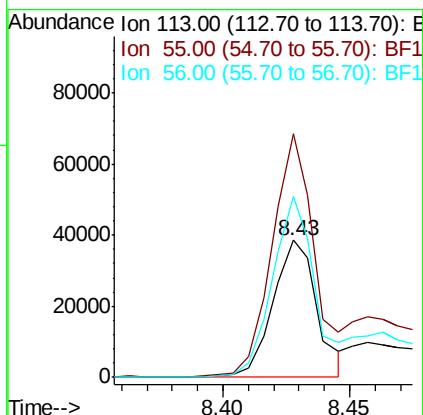
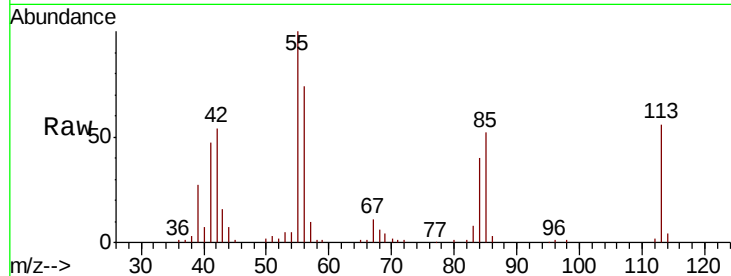




#35
Caprolactam
Concen: 31.025 ng
RT: 8.43 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

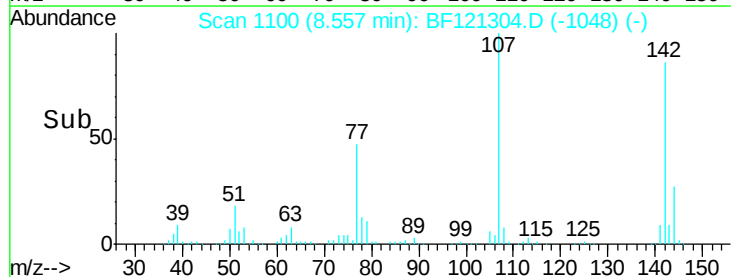
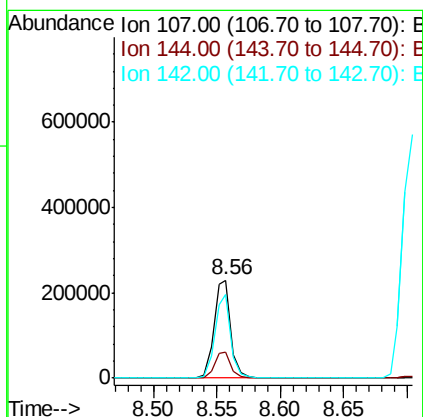
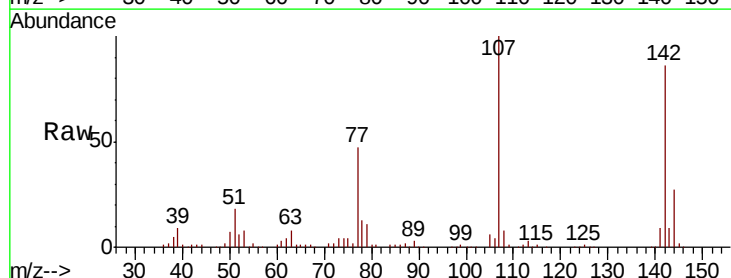
Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

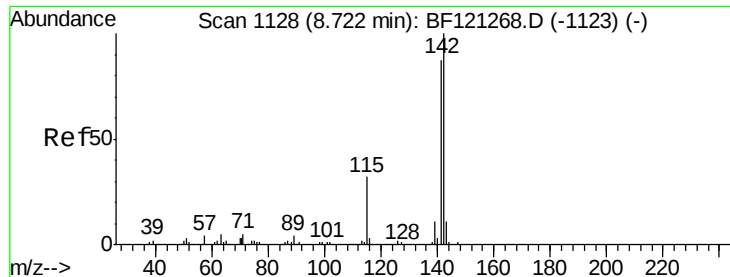
Tot Ion:113 Resp: 46492
Ion Ratio Lower Upper
113 100
55 177.3 146.1 186.1
56 131.8 103.3 143.3



#36
4-Chloro-3-methylphenol
Concen: 42.296 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion:107 Resp: 214692
Ion Ratio Lower Upper
107 100
144 26.8 20.4 30.6
142 85.9 63.8 95.8

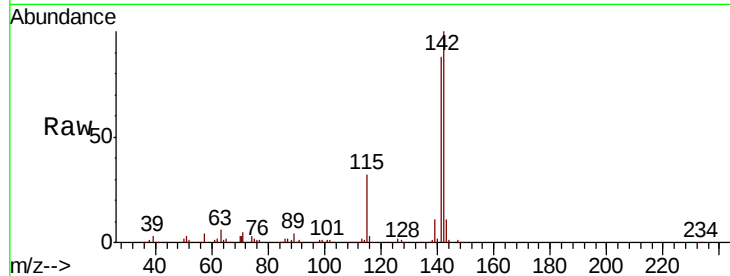




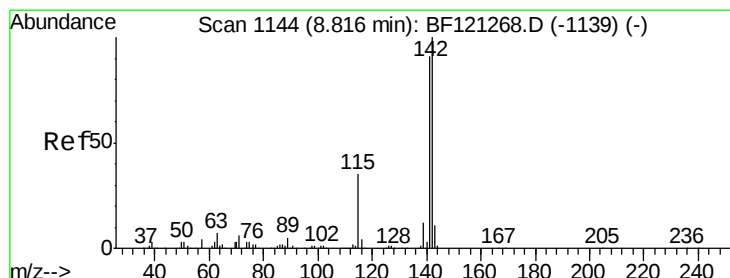
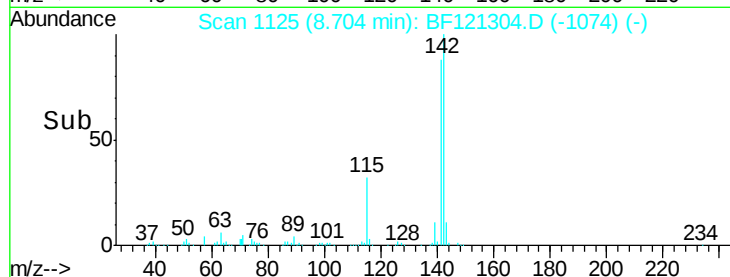
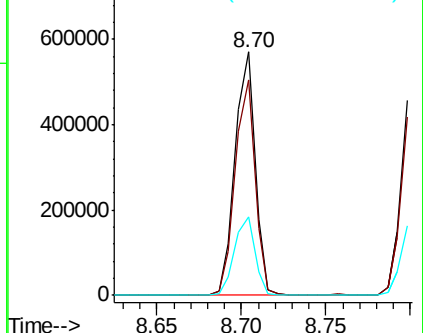
#37
2-Methylnaphthalene
Concen: 40.376 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.2	103.8
115	32.4	25.8	38.8

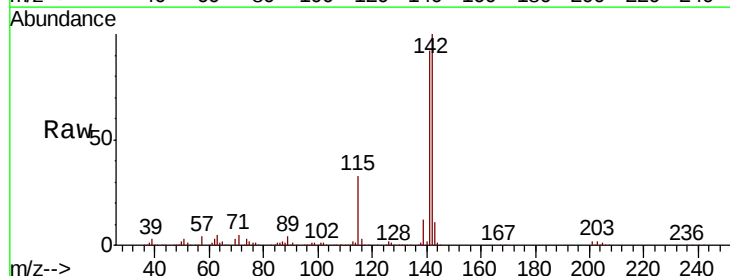


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

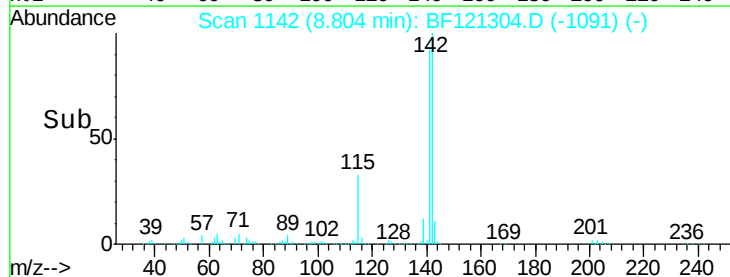
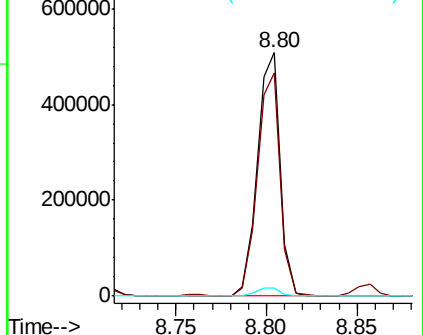


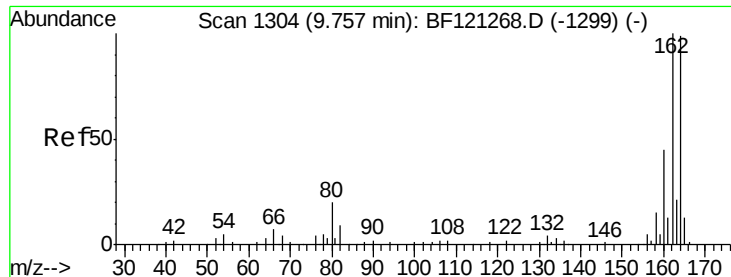
#38
1-Methylnaphthalene
Concen: 39.941 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	109.0
116	3.4	2.8	4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

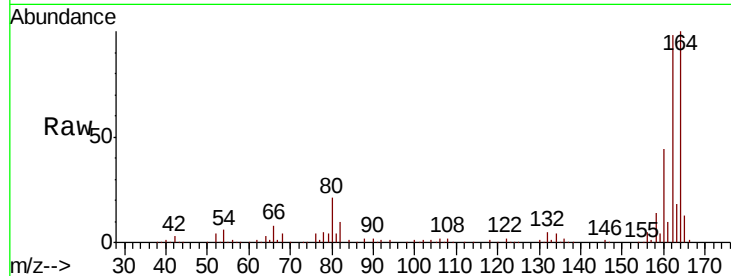




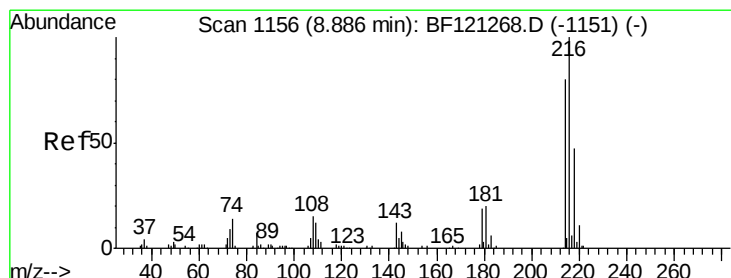
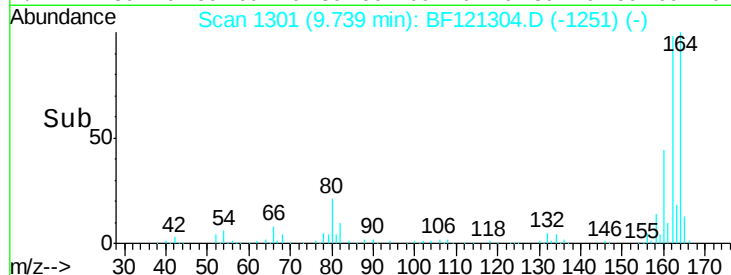
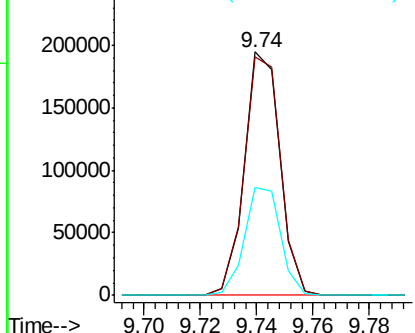
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Tot Ion:164 Resp: 169254
Ion Ratio Lower Upper
164 100
162 97.7 80.2 120.2
160 44.2 36.5 54.7

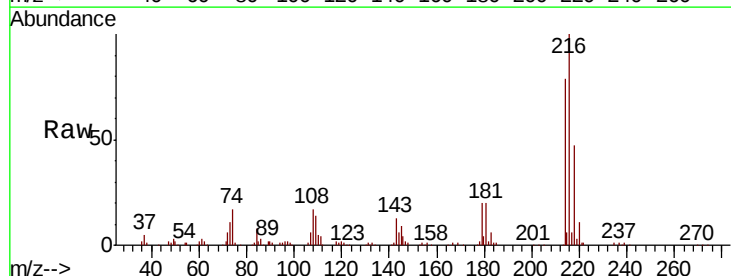


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

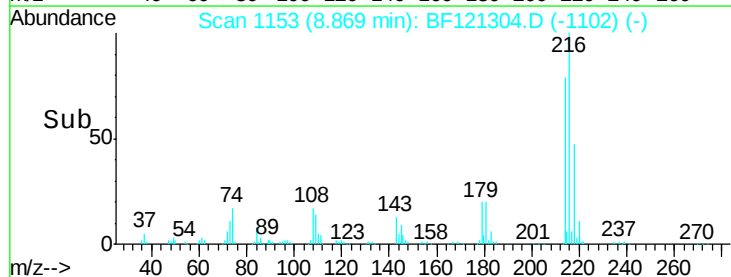
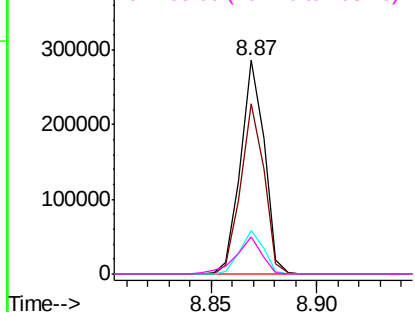


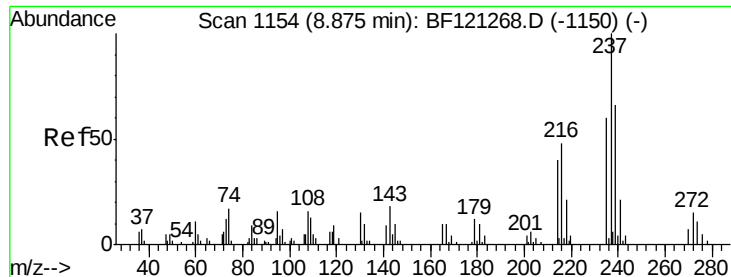
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.120 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion:216 Resp: 221857
Ion Ratio Lower Upper
216 100
214 78.8 63.2 94.8
179 20.1 15.8 23.6
108 19.2 14.1 21.1



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

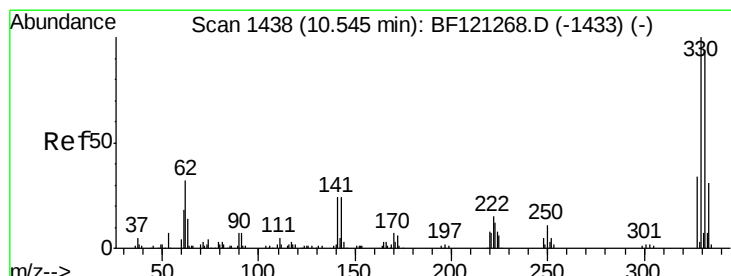
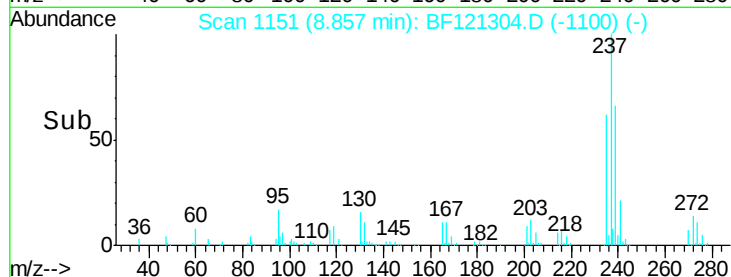
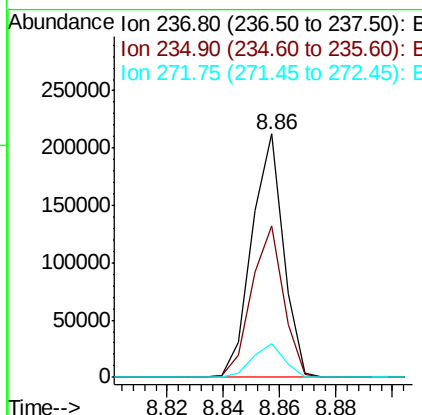
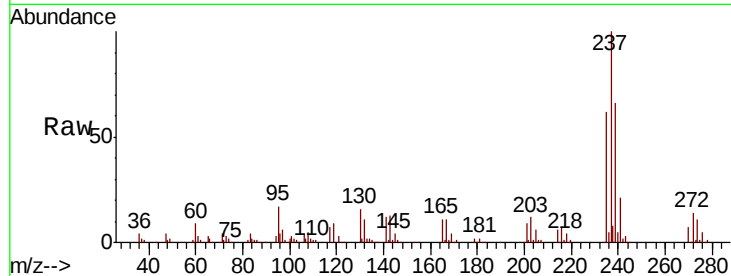




#41
Hexachlorocyclopentadiene
Concen: 71.846 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

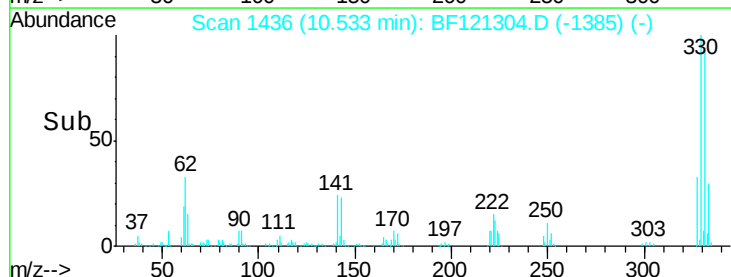
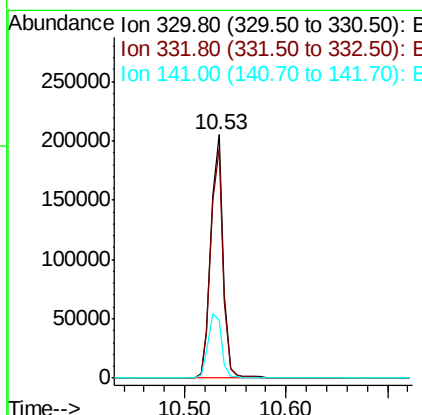
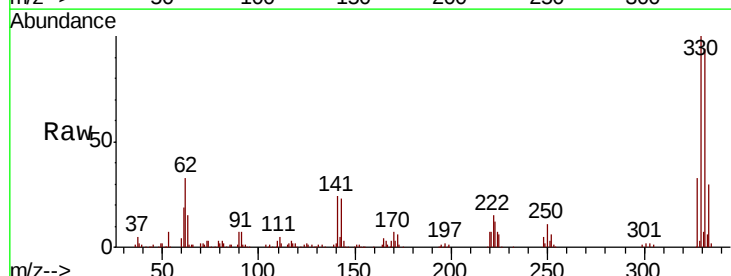
Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

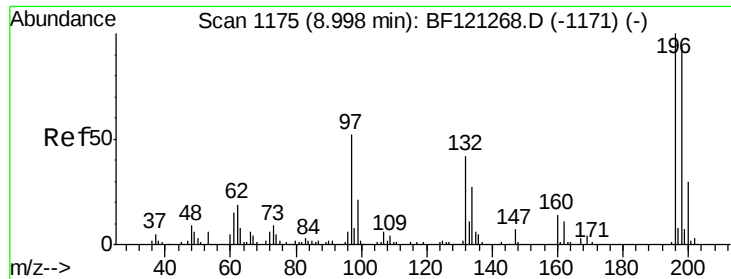
Tot Ion:237 Resp: 164862
Ion Ratio Lower Upper
237 100
235 62.3 41.5 81.5
272 13.8 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 83.360 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion:330 Resp: 173710
Ion Ratio Lower Upper
330 100
332 95.2 77.4 116.0
141 29.1 24.2 36.4

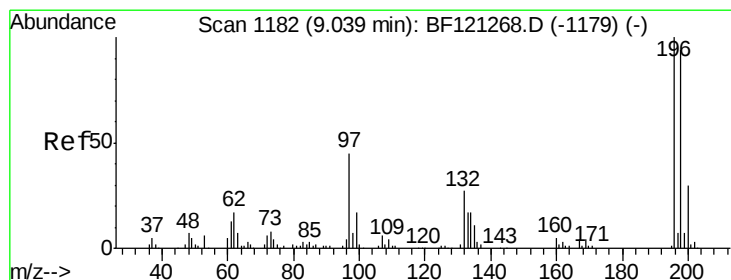
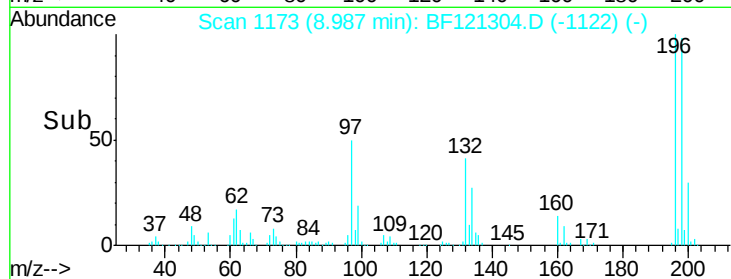
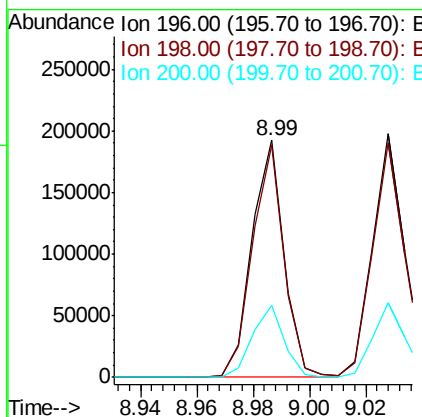
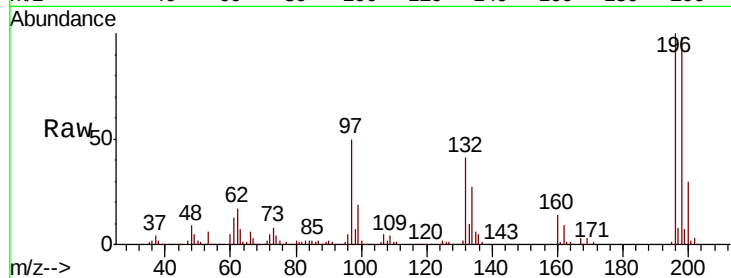




#43
 2,4,6-Trichlorophenol
 Concen: 42.203 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

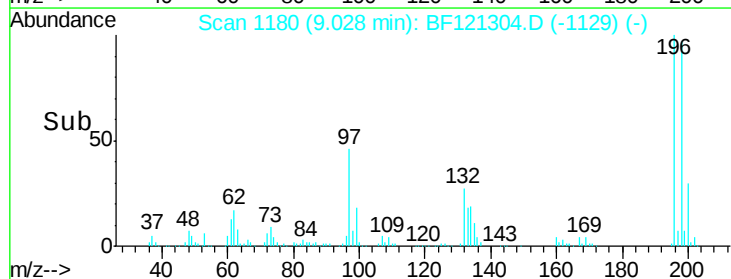
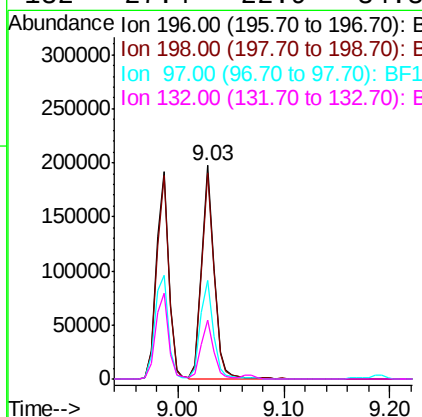
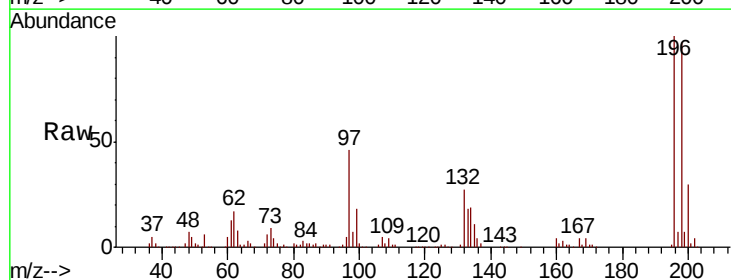
Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

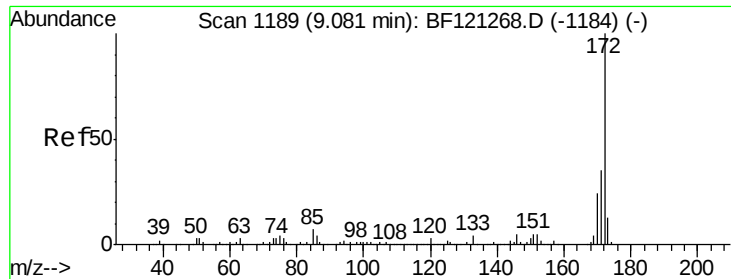
Tot Ion	196	Resp	152215
Ion Ratio	Lower	Upper	
196	100		
198	97.9	76.9	115.3
200	30.3	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 41.526 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion	196	Resp	162680
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.5	113.3
97	46.3	39.4	59.2
132	27.4	22.9	34.3

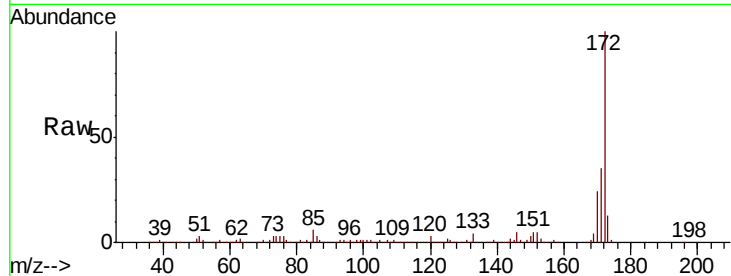




#45
2-Fluorobiphenyl
Concen: 55.194 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.7	19.3	28.9

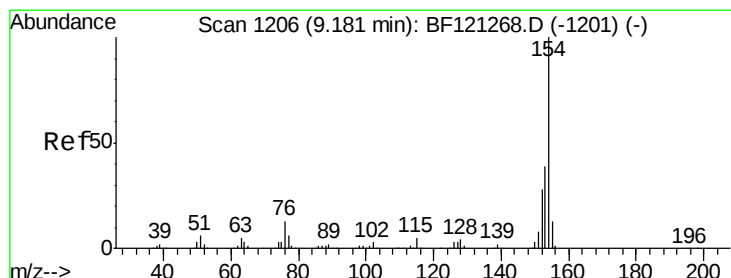
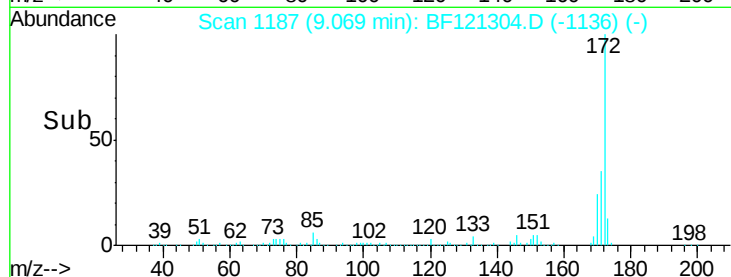
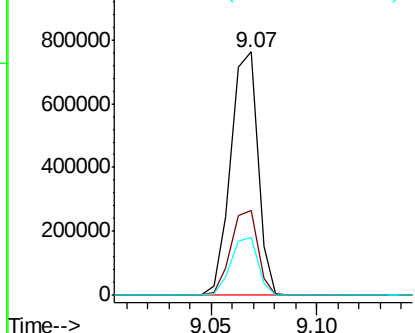


Abundance

Ion 172.00 (171.70 to 172.70): E

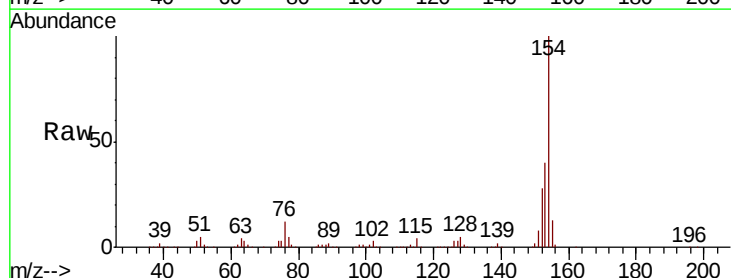
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.590 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.5	60.5
76	11.6	0.0	31.9

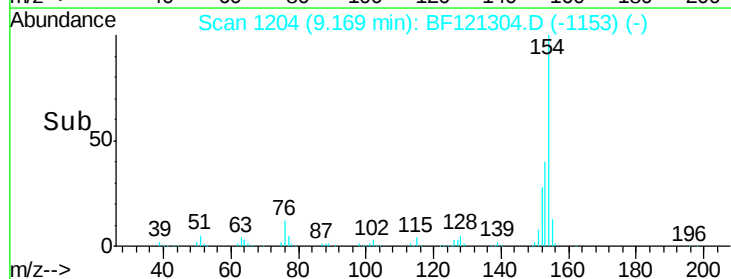
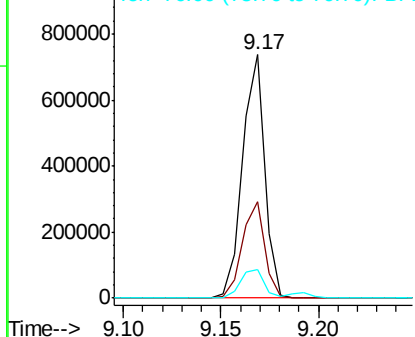


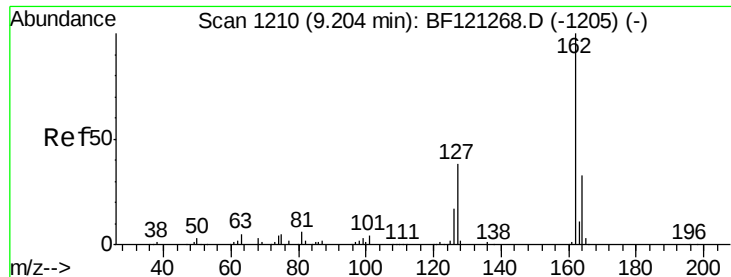
Abundance

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

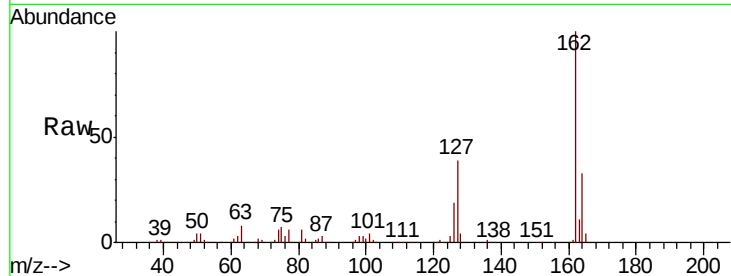




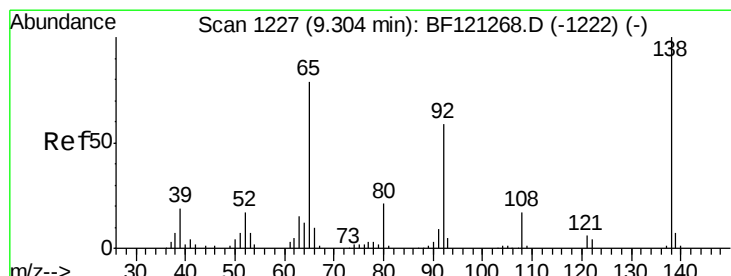
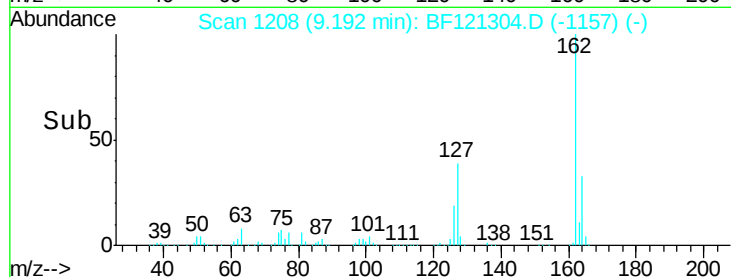
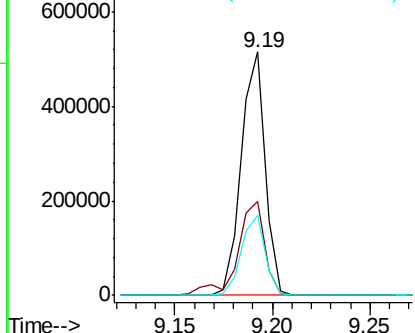
#47
2-Chloronaphthalene
Concen: 38.838 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Tot Ion:162 Resp: 437222
Ion Ratio Lower Upper
162 100
127 38.8 31.4 47.2
164 32.8 26.5 39.7

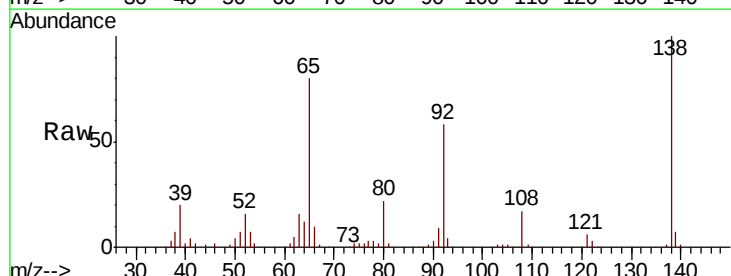


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

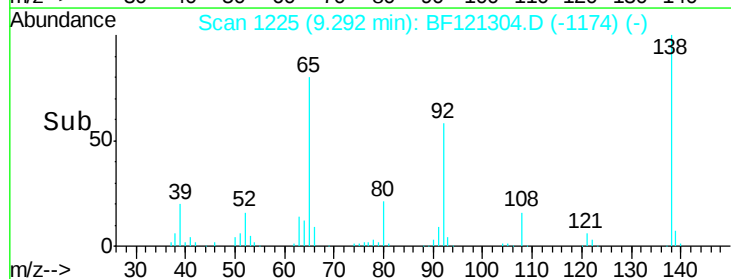
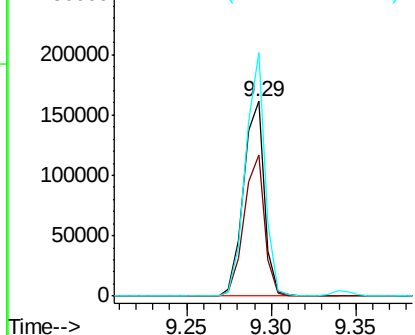


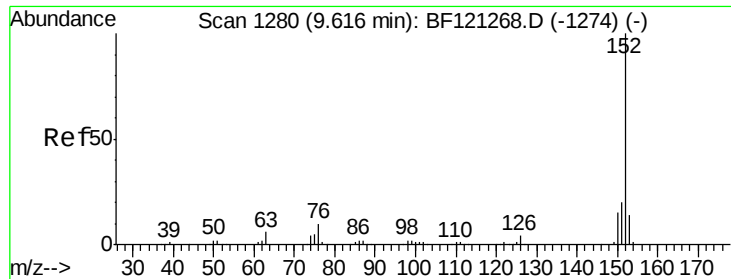
#48
2-Nitroaniline
Concen: 43.993 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion: 65 Resp: 139210
Ion Ratio Lower Upper
65 100
92 72.5 58.2 87.2
138 125.0 97.5 146.3



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: 39.804 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

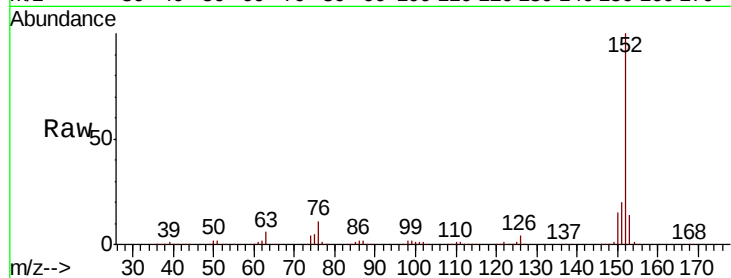
Tot Ion:152 Resp: 711716

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

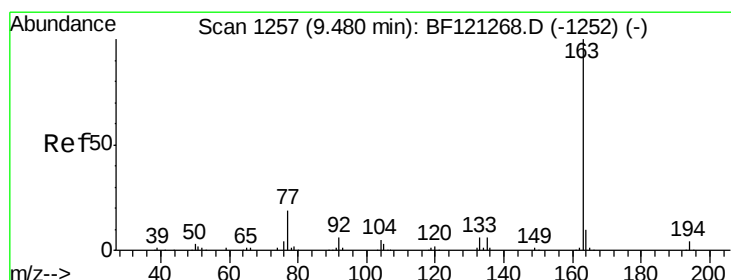
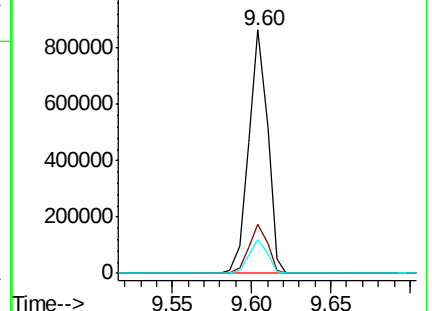
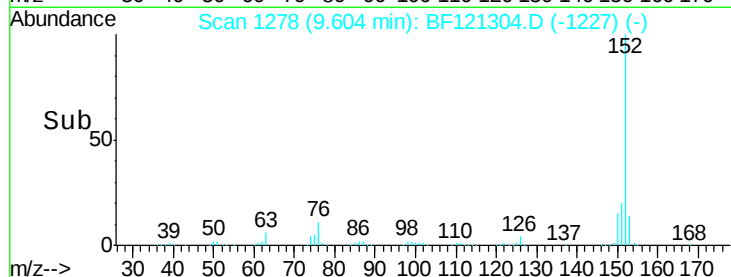
153 13.6 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.475 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

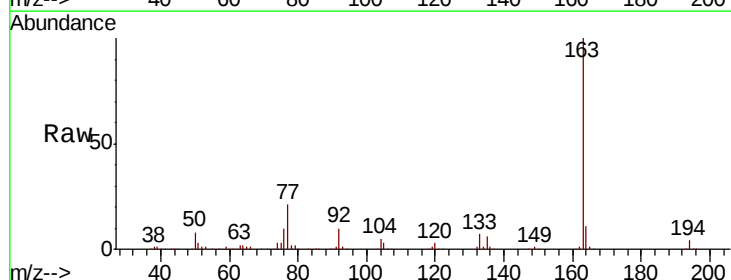
Tgt Ion:163 Resp: 617385

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

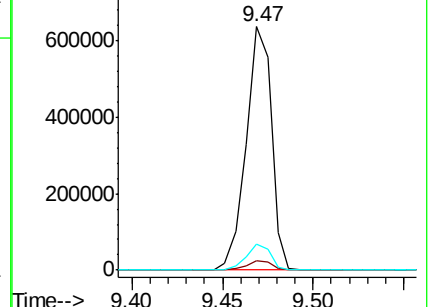
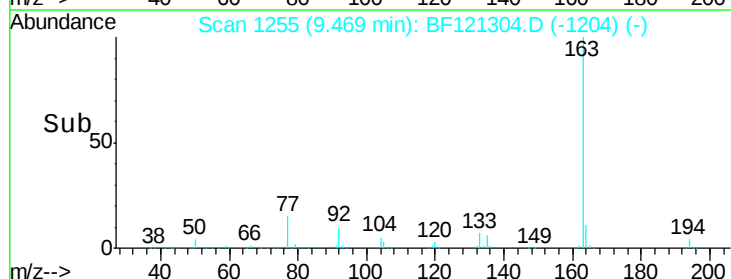
164 10.5 8.4 12.6

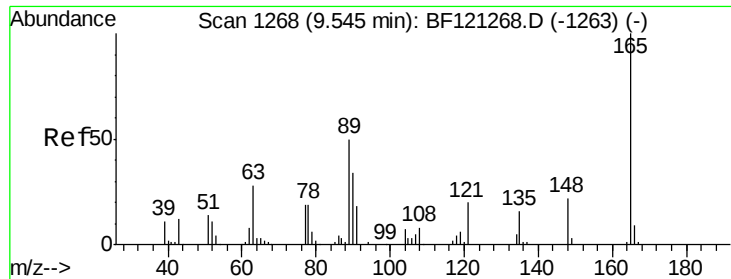


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

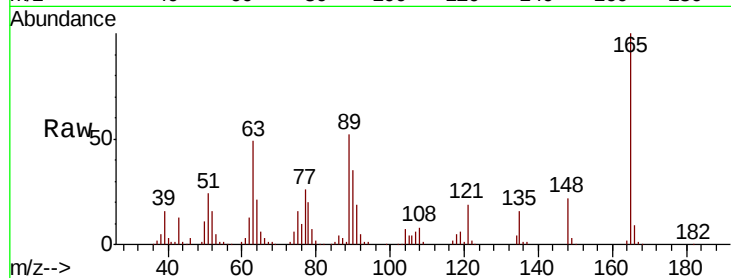




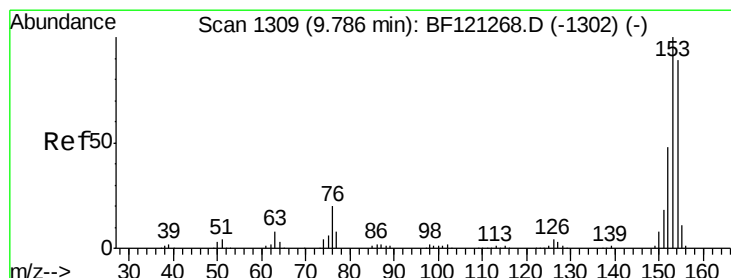
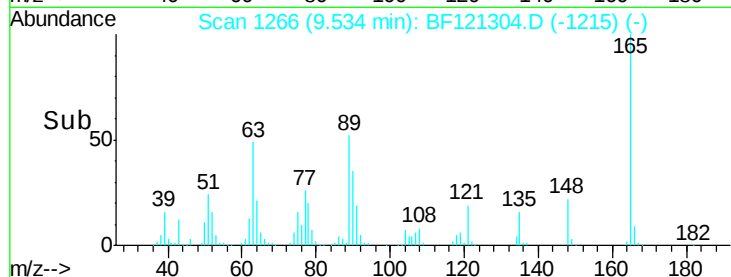
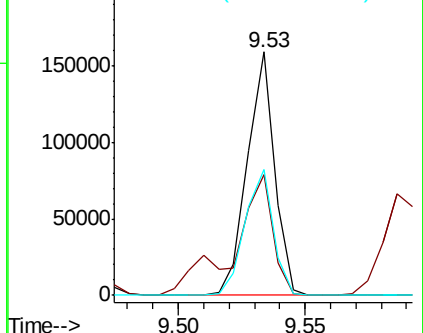
#51
2,6-Dinitrotoluene
Concen: 41.956 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.5	42.0	63.0
89	51.7	44.7	67.1

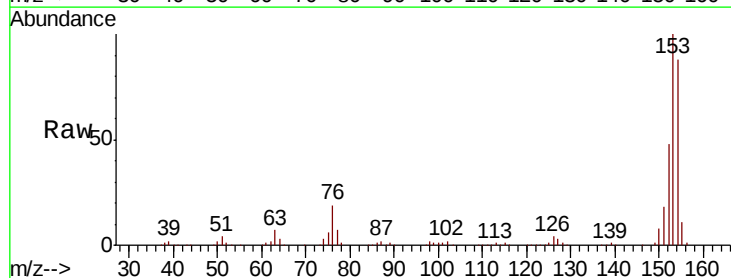


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

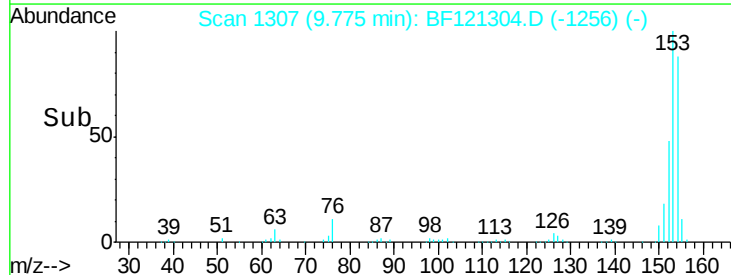
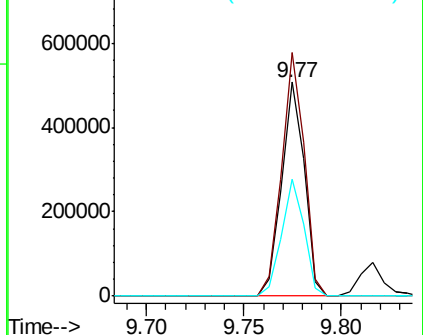


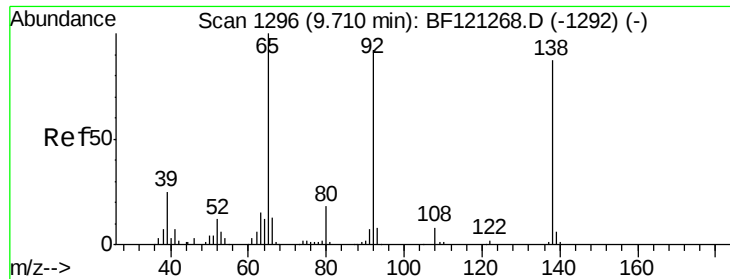
#52
Acenaphthene
Concen: 38.731 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	88.0	132.0
152	54.8	43.0	64.4



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

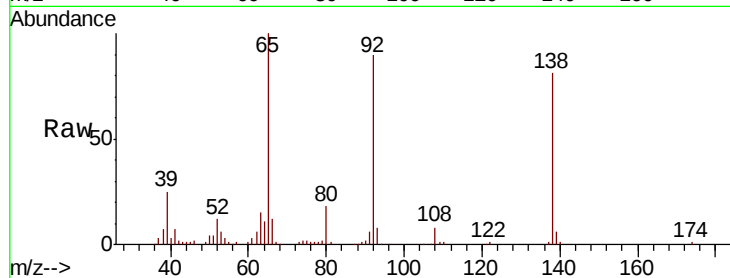




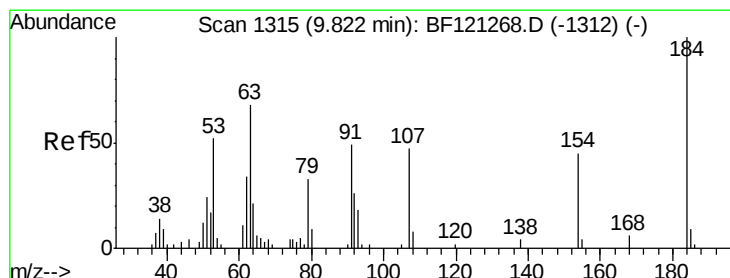
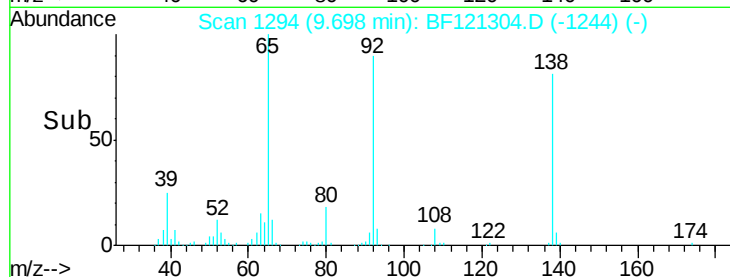
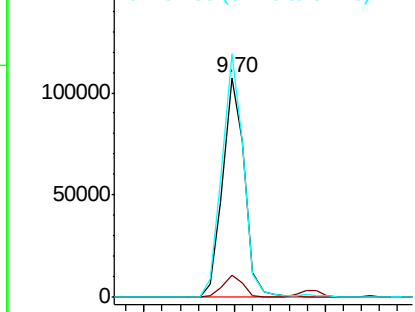
#53
 3-Nitroaniline
 Concen: 27.767 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

Tot Ion:138 Resp: 90010
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.6 11.4
 92 110.9 82.6 123.8

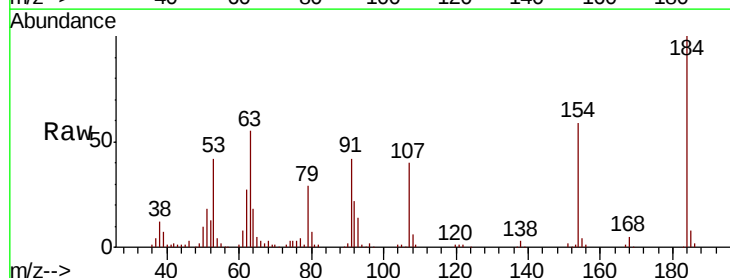


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

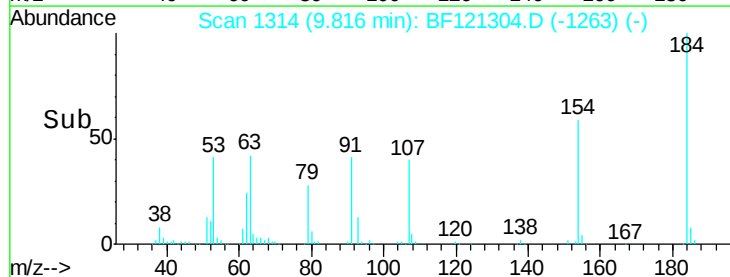
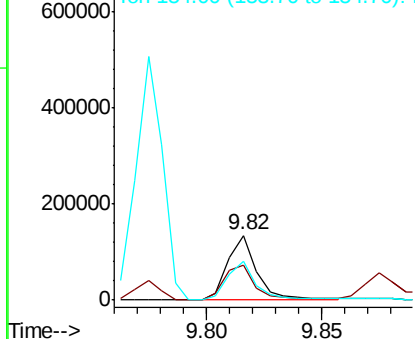


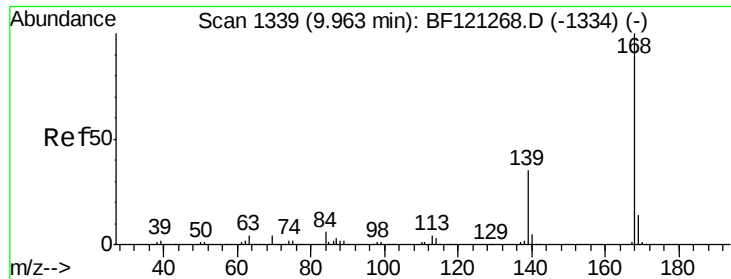
#54
 2,4-Dinitrophenol
 Concen: 76.382 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion:184 Resp: 120819
 Ion Ratio Lower Upper
 184 100
 63 54.7 45.3 67.9
 154 59.3 46.4 69.6



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

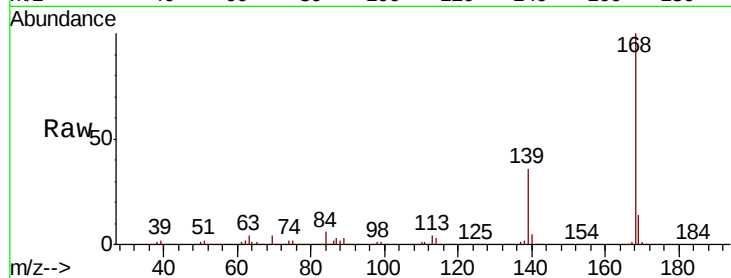




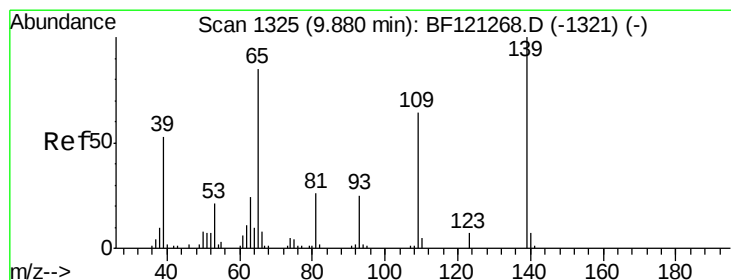
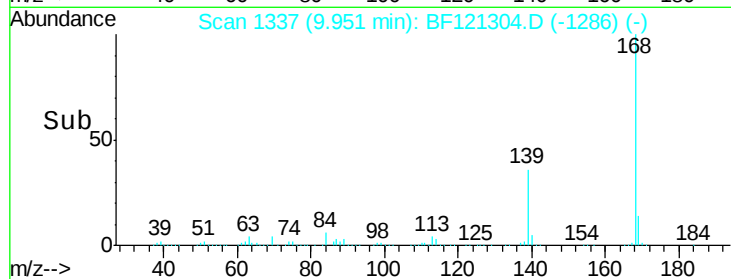
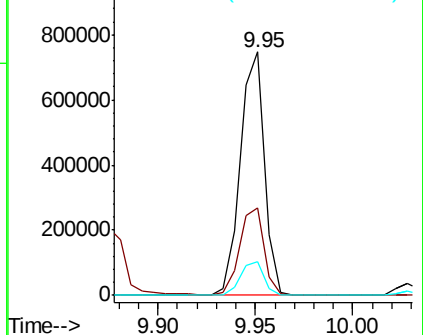
#55
Dibenzofuran
Concen: 37.844 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Tot Ion:168 Resp: 638008
Ion Ratio Lower Upper
168 100
139 35.8 27.9 41.9
169 13.6 10.5 15.7

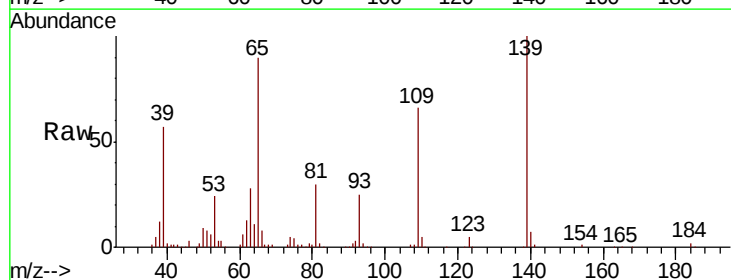


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

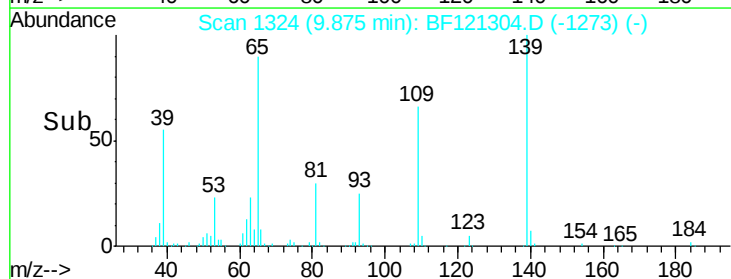
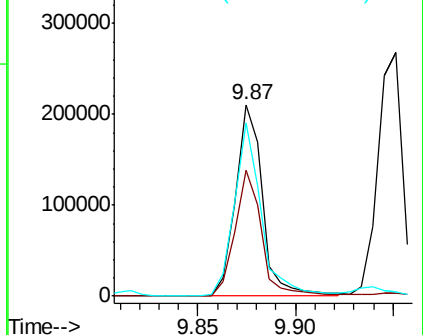


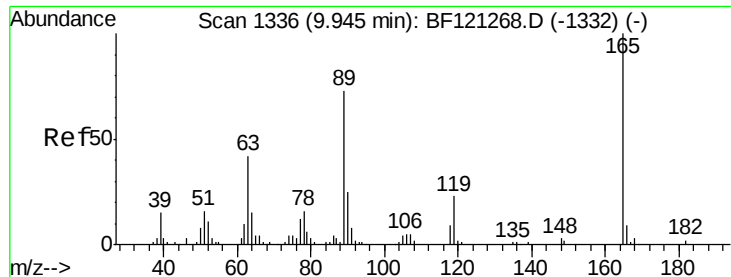
#56
4-Nitrophenol
Concen: 97.316 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion:139 Resp: 203581
Ion Ratio Lower Upper
139 100
109 66.0 44.3 84.3
65 90.3 62.4 102.4



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

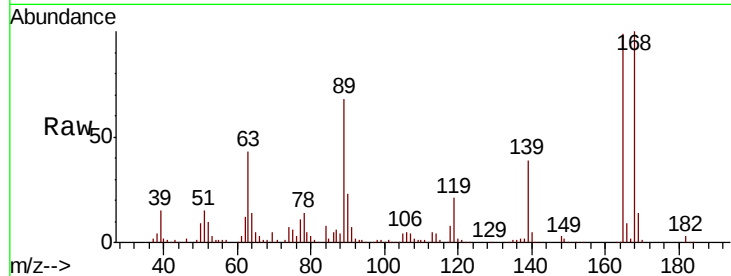




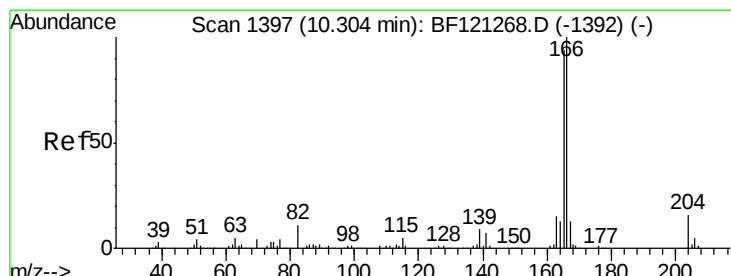
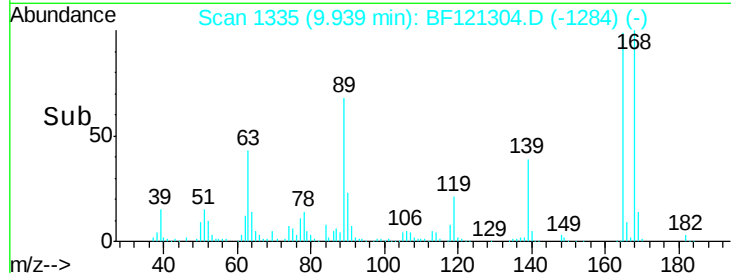
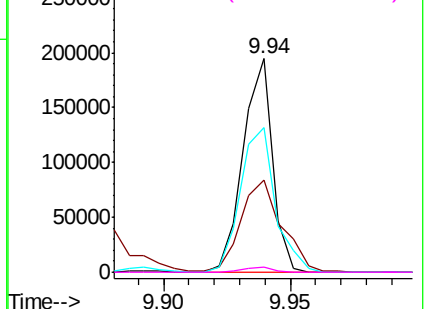
#57
2,4-Dinitrotoluene
Concen: 42.040 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Tot Ion:165	Resp:	156635
Ion Ratio	Lower	Upper
165	100	
63	42.9	31.7 47.5
89	67.9	52.8 79.2
182	2.7	2.1 3.1

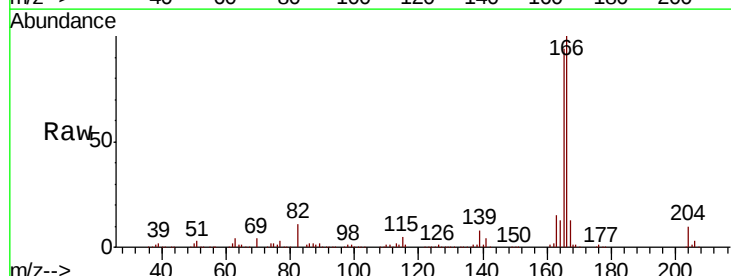


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

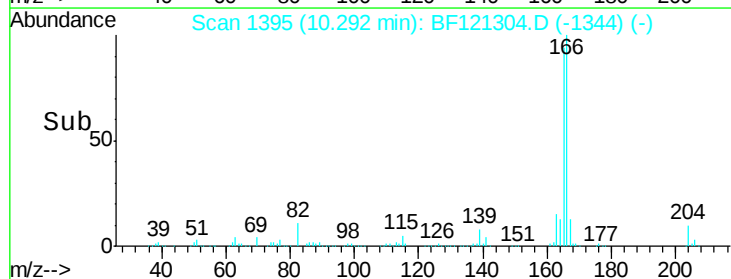
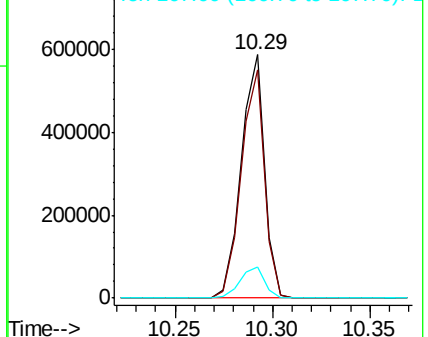


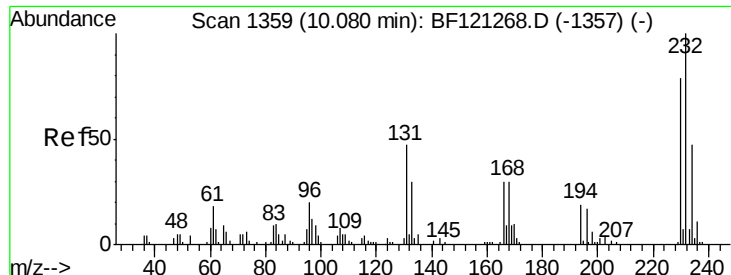
#58
Fluorene
Concen: 38.027 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion:166	Resp:	485281
Ion Ratio	Lower	Upper
166	100	
165	93.6	74.5 111.7
167	12.8	10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

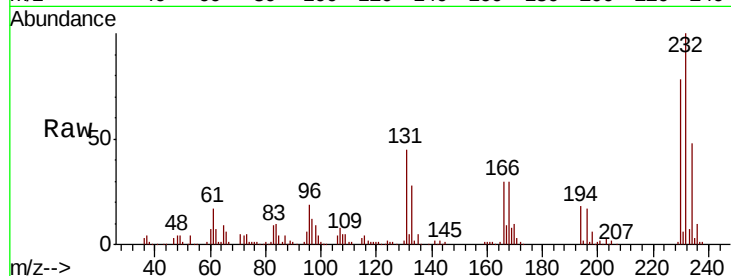




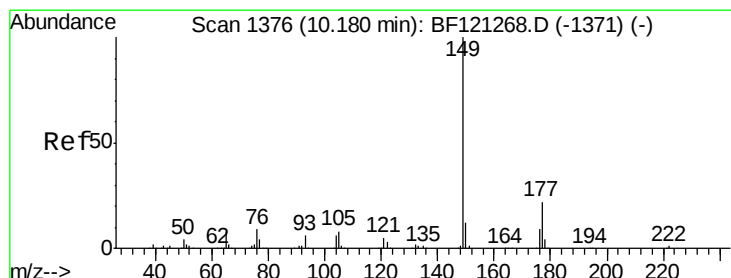
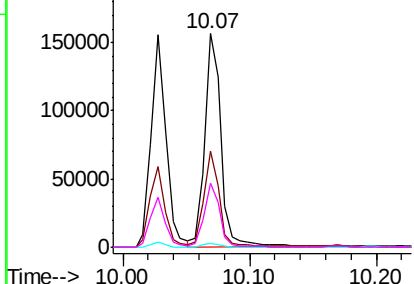
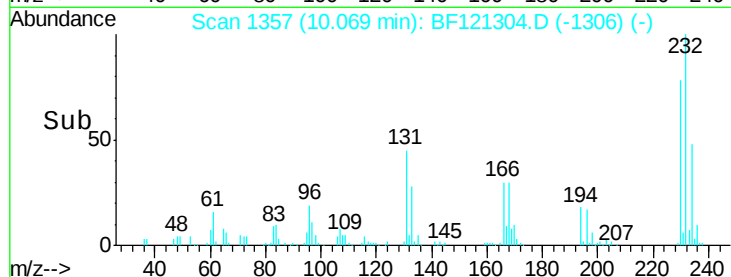
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.987 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

Tot Ion:232 Resp: 139343
 Ion Ratio Lower Upper
 232 100
 131 42.4 33.6 50.4
 130 2.0 1.4 2.2
 166 29.6 22.9 34.3

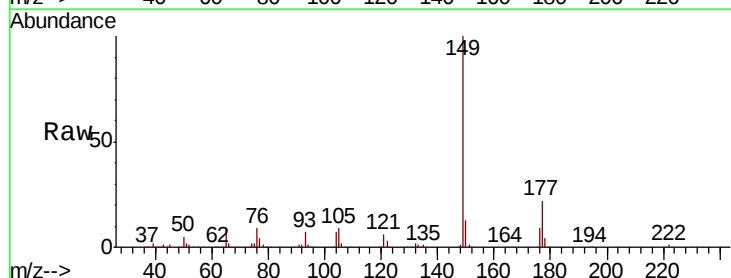


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

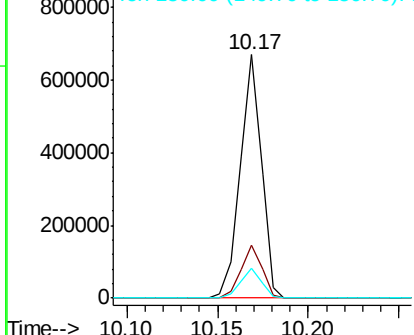
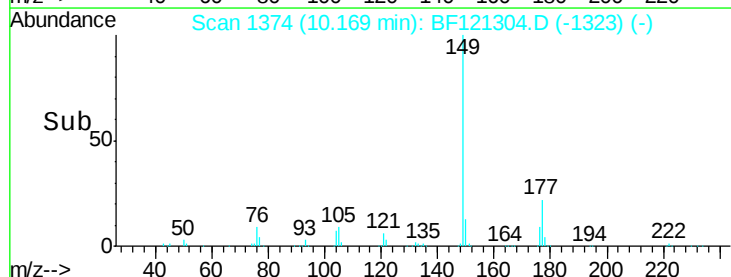


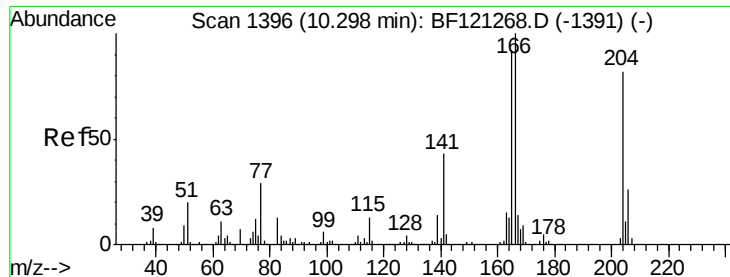
#60
 Diethylphthalate
 Concen: 41.990 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion:149 Resp: 543821
 Ion Ratio Lower Upper
 149 100
 177 21.7 17.3 25.9
 150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

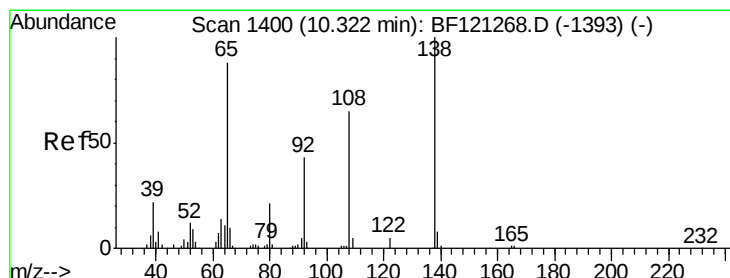
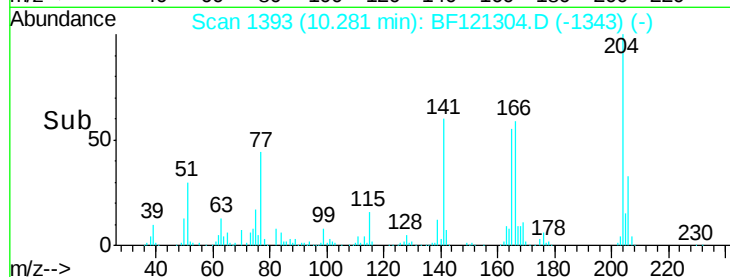
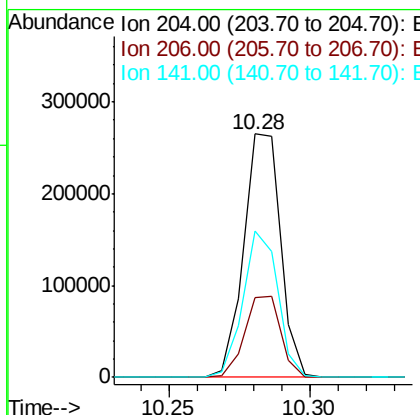
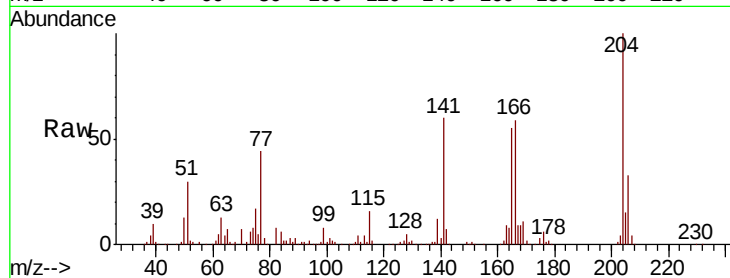




#61
4-Chlorophenyl-phenylether
Concen: 38.684 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

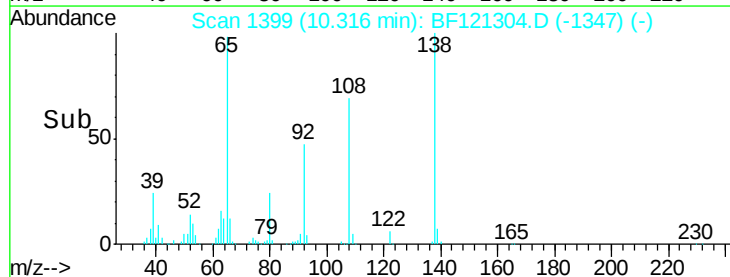
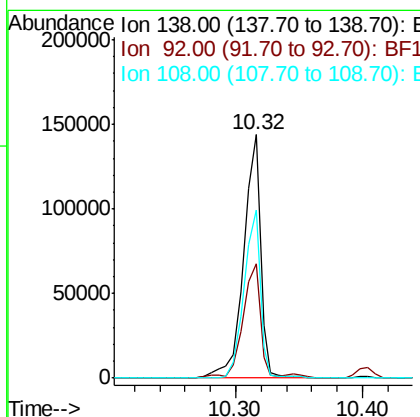
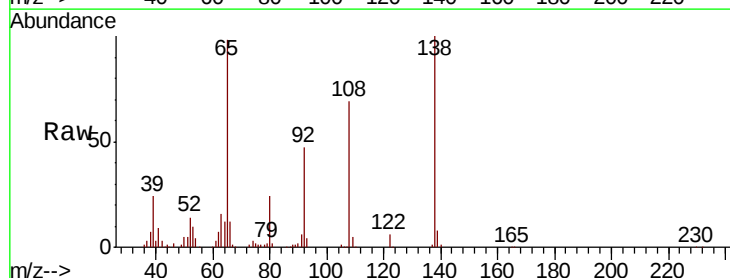
Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

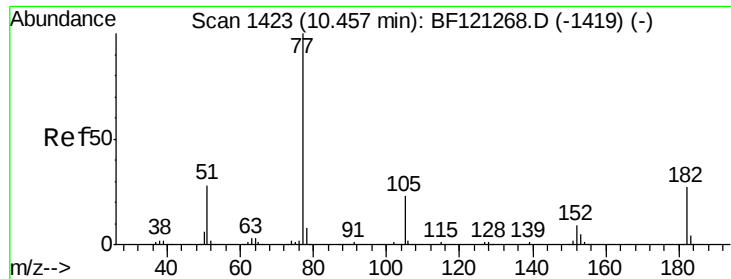
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	59.9	41.7	62.5



#62
4-Nitroaniline
Concen: 41.030 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	28.2	68.2
108	68.9	50.0	90.0

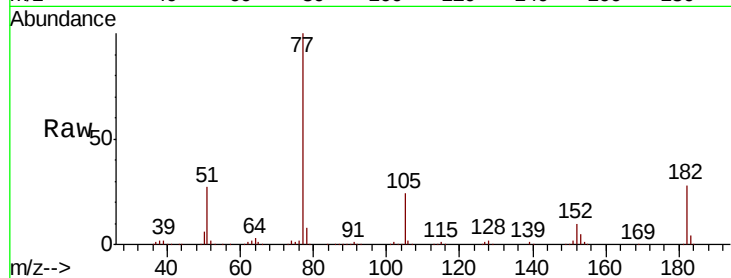




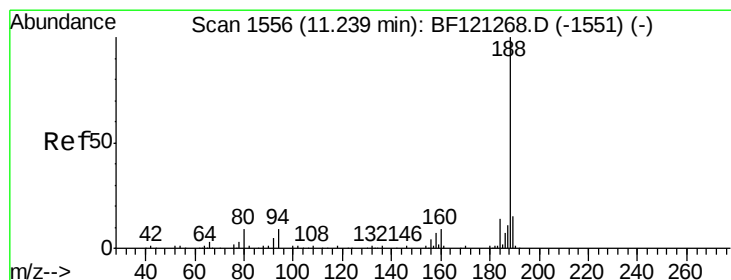
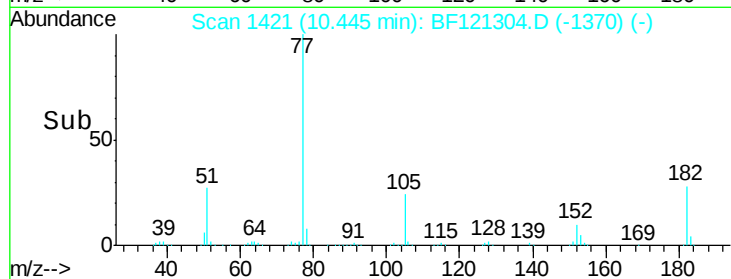
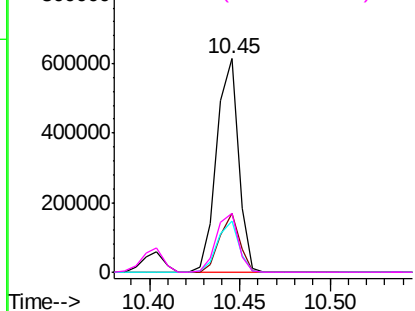
#63
Azobenzene
Concen: 39.635 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Tot Ion: 77 Resp: 512908
Ion Ratio Lower Upper
77 100
182 27.7 6.7 46.7
105 23.8 3.7 43.7
51 27.5 8.1 48.1

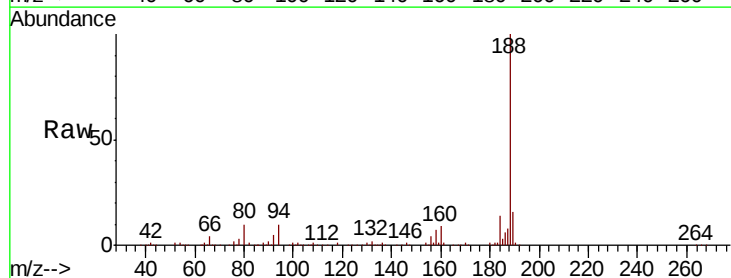


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

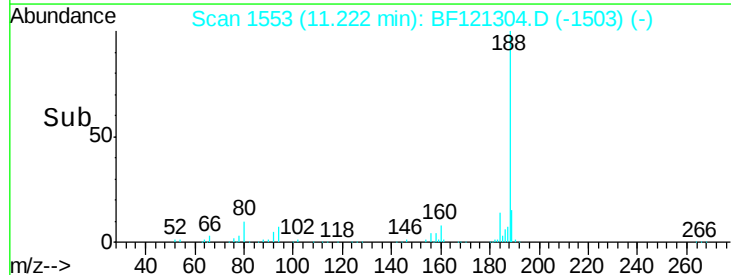
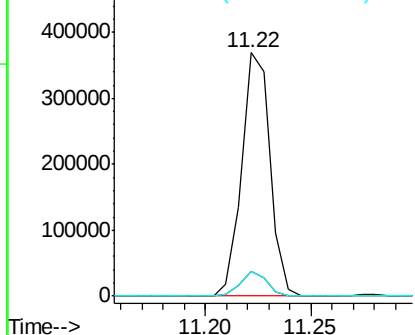


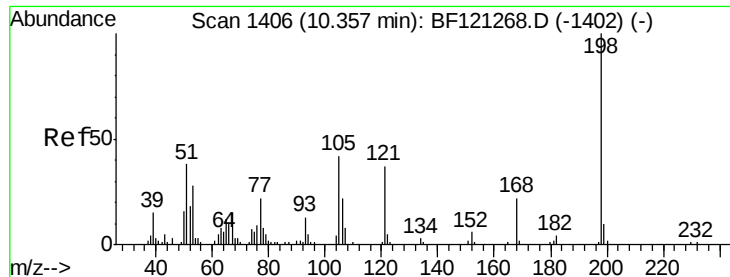
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion: 188 Resp: 342729
Ion Ratio Lower Upper
188 100
94 10.1 6.4 9.6#
80 10.1 7.0 10.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

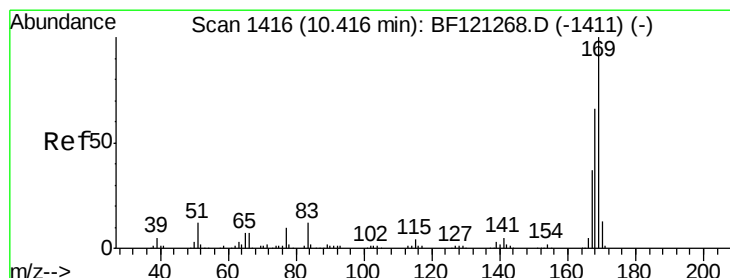
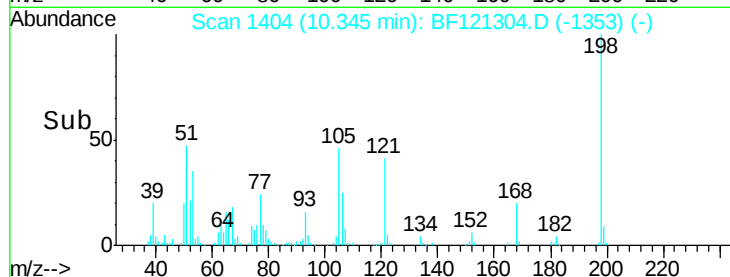
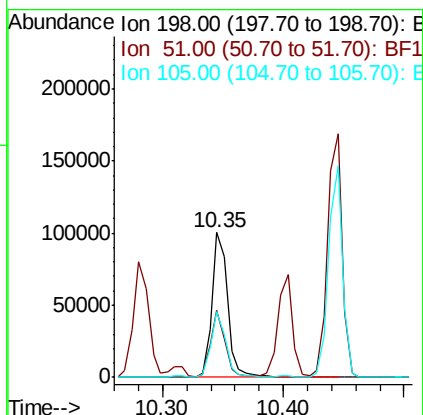
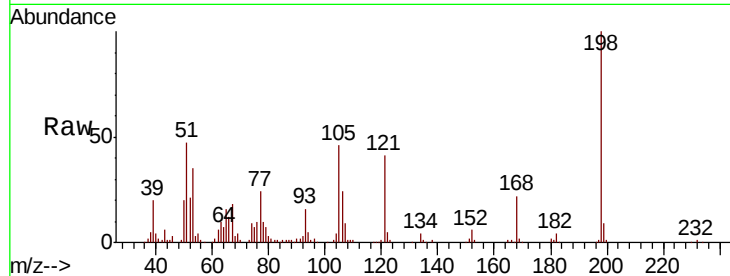




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.933 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

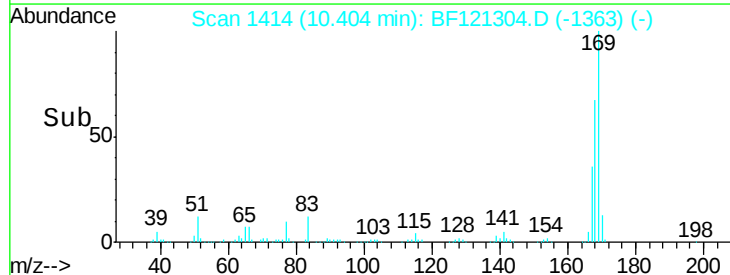
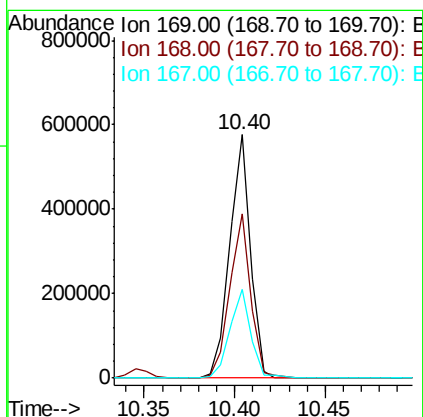
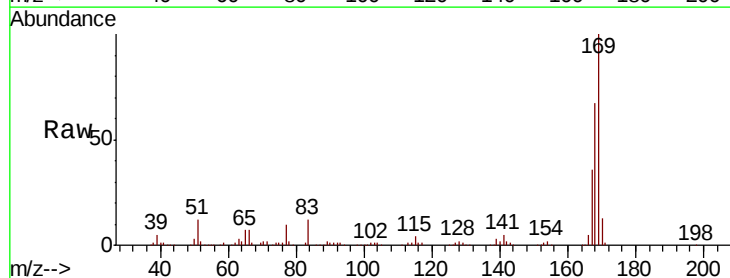
Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

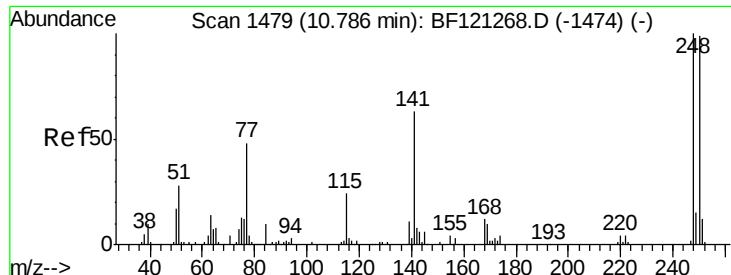
Tot Ion:198 Resp: 89644
 Ion Ratio Lower Upper
 198 100
 51 46.7 29.1 69.1
 105 45.6 28.5 68.5



#66
 n-Nitrosodiphenylamine
 Concen: 39.297 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion:169 Resp: 461813
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.4 80.0
 167 36.3 29.3 43.9

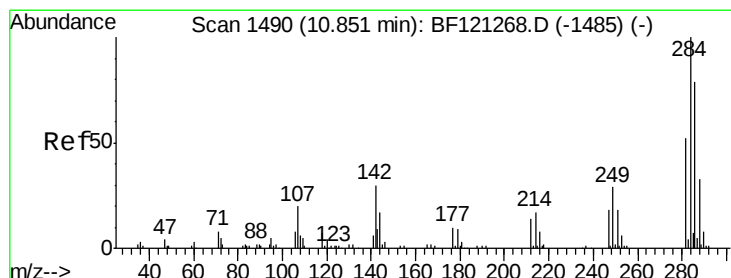
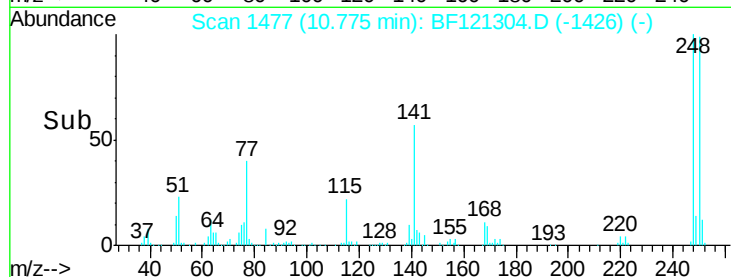
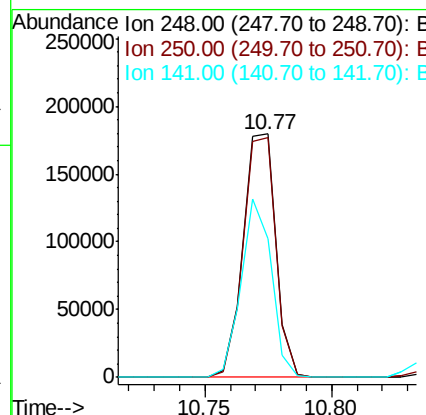
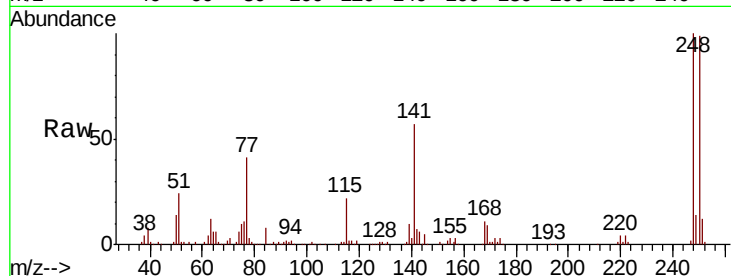




#67
 4-Bromophenyl-phenylether
 Concen: 40.262 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

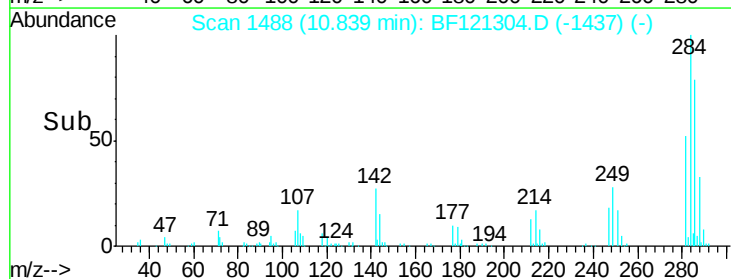
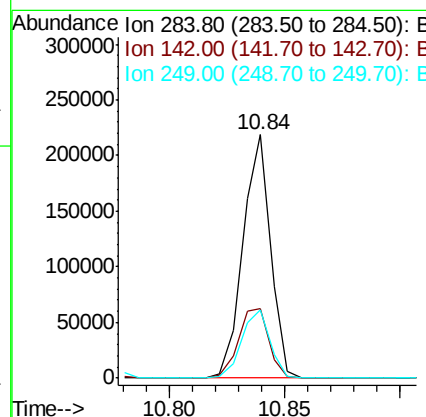
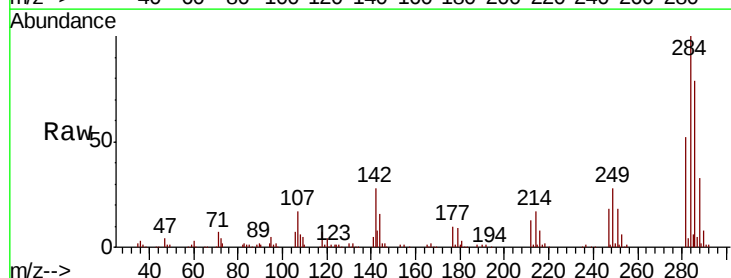
Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

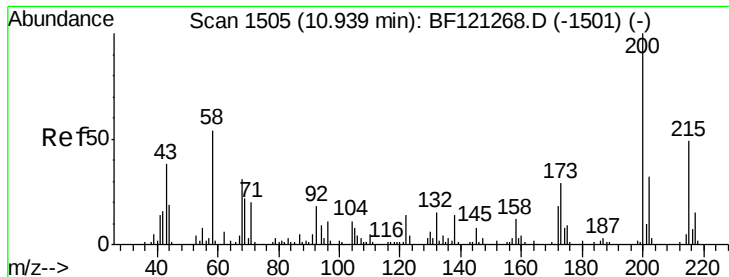
Tot Ion:248 Resp: 160960
 Ion Ratio Lower Upper
 248 100
 250 98.5 77.4 116.0
 141 57.0 48.9 73.3



#68
 Hexachlorobenzene
 Concen: 40.050 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion:284 Resp: 182581
 Ion Ratio Lower Upper
 284 100
 142 28.5 24.6 36.8
 249 28.0 23.2 34.8

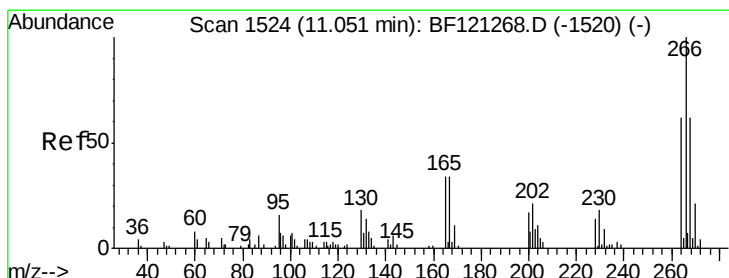
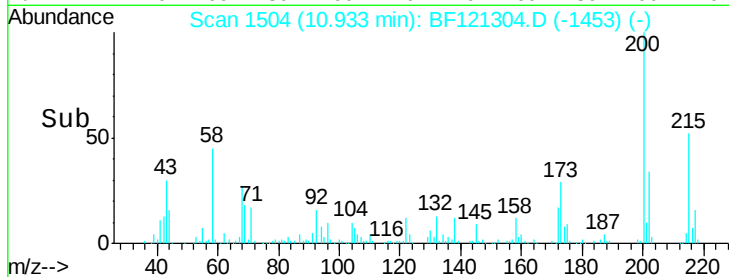
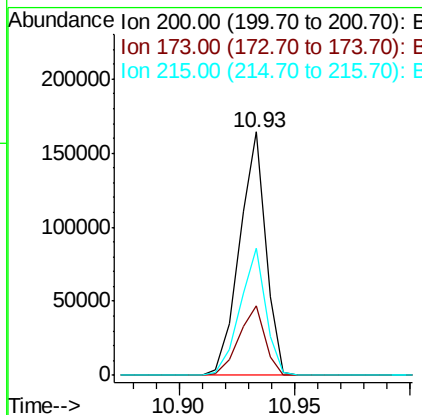
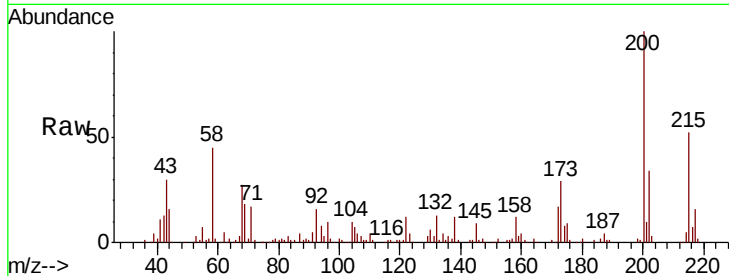




#69
 Atrazine
 Concen: 37.172 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

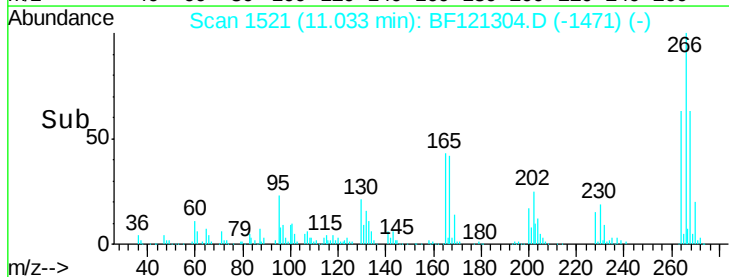
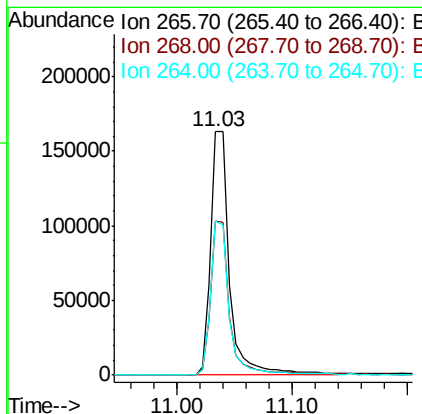
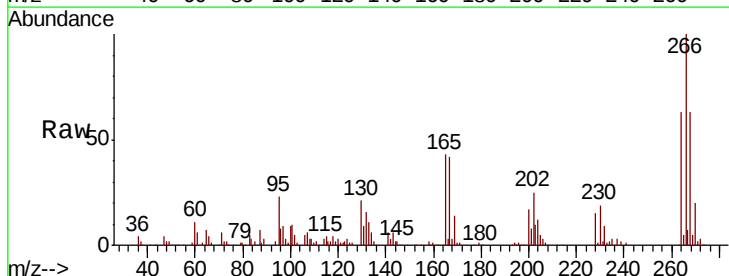
Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

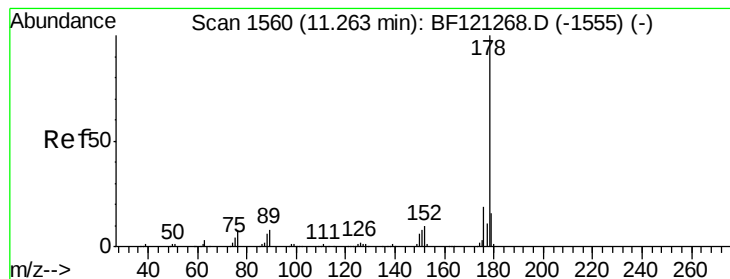
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.4	47.4
215	52.2	29.1	69.1



#70
 Pentachlorophenol
 Concen: 90.745 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	53.3	79.9
264	63.3	49.4	74.0





#71

Phenanthrene

Concen: 39.151 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

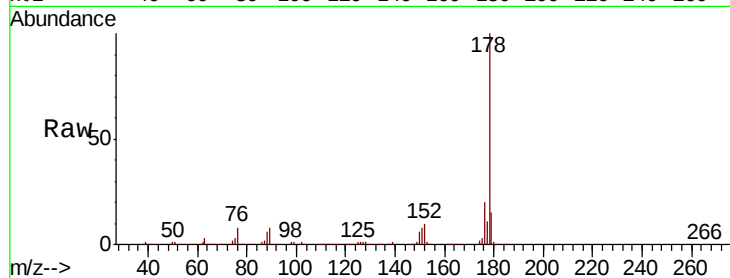
Tot Ion:178 Resp: 767637

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

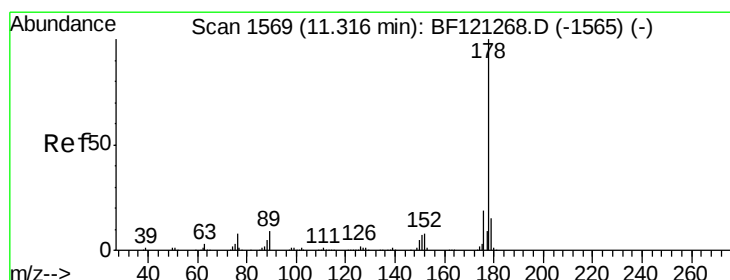
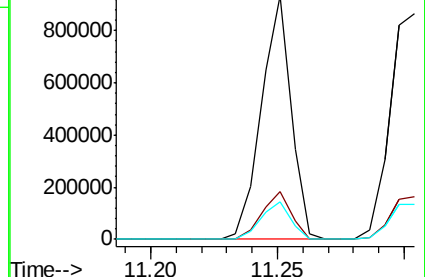
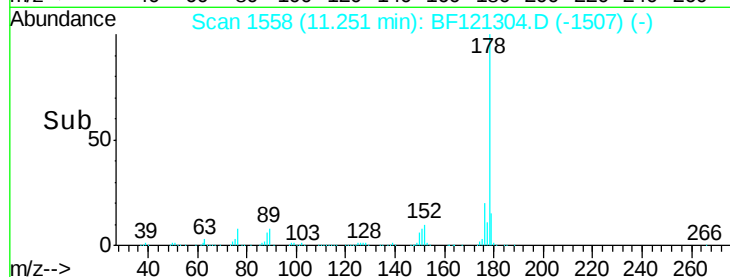
179 15.5 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.063 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

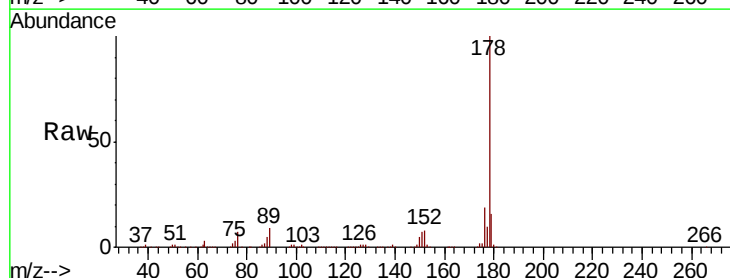
Tgt Ion:178 Resp: 788271

Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

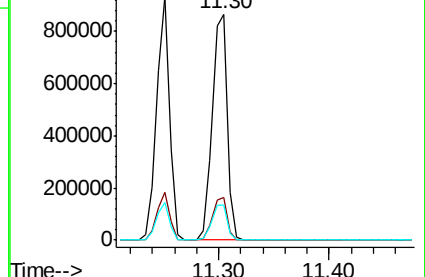
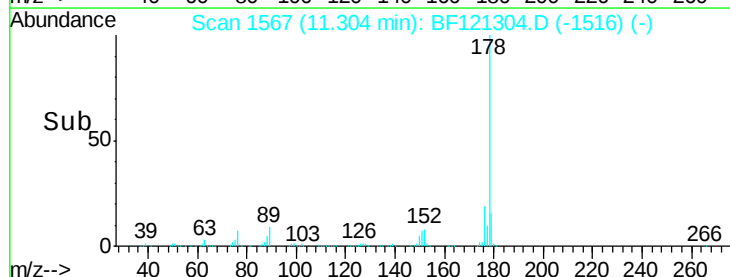
179 15.7 12.2 18.4

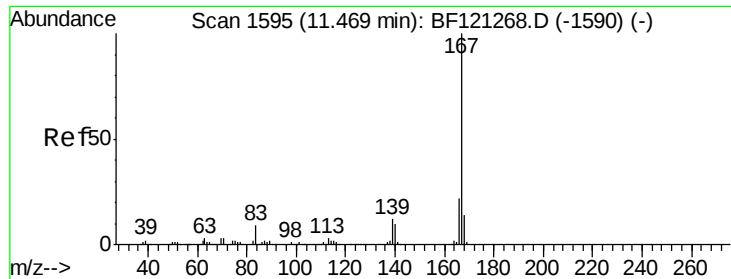


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

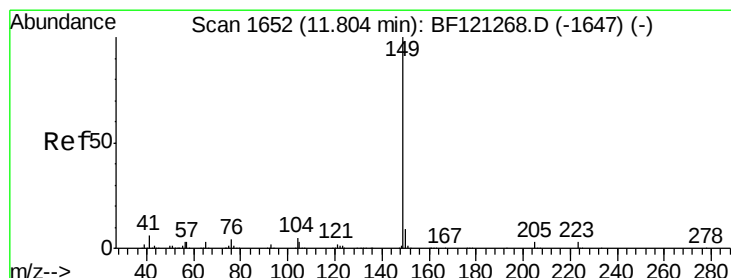
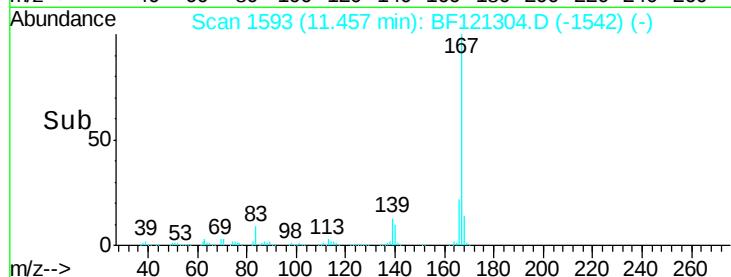
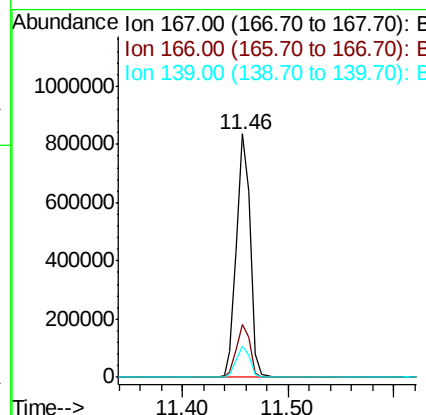
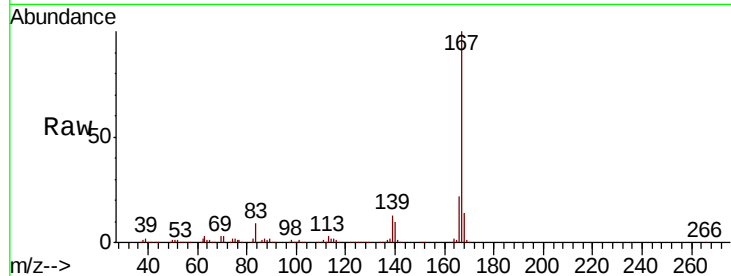




#73
 Carbazole
 Concen: 38.689 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

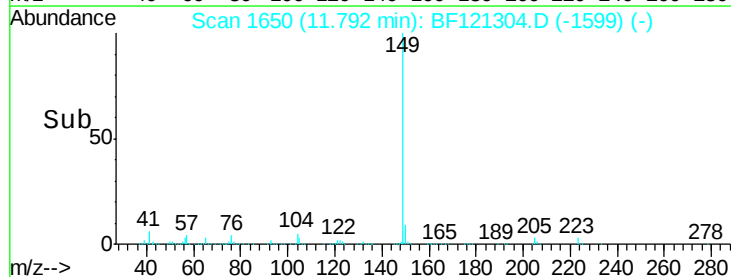
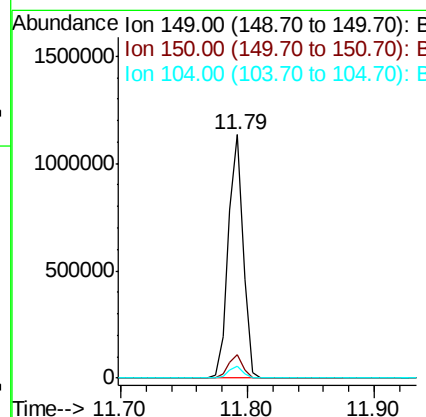
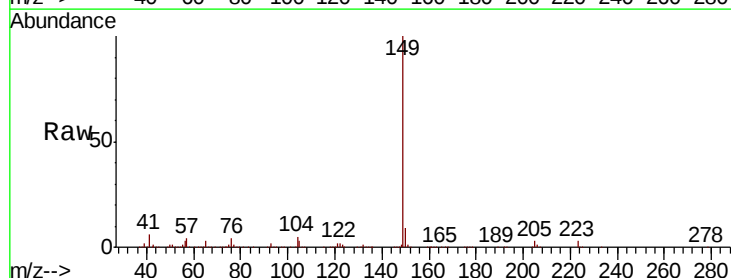
Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

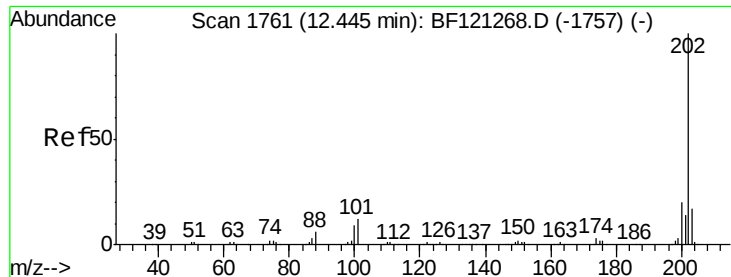
Tot Ion:167 Resp: 744482
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 12.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 42.571 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion:149 Resp: 924660
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.7 3.6 5.4

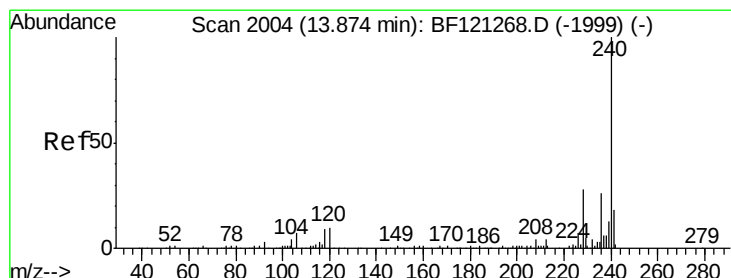
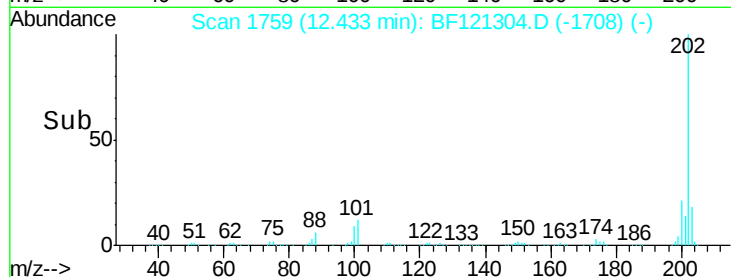
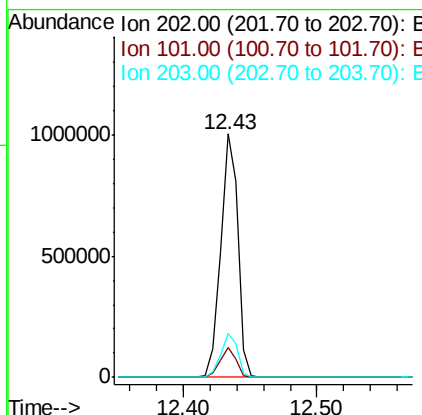
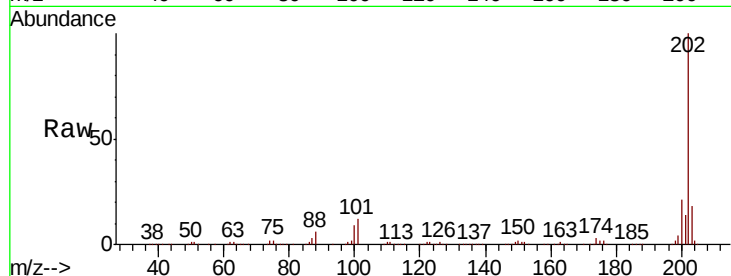




#75
Fluoranthene
 Concen: 41.686 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

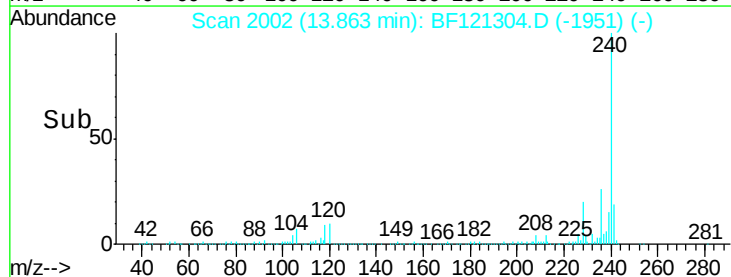
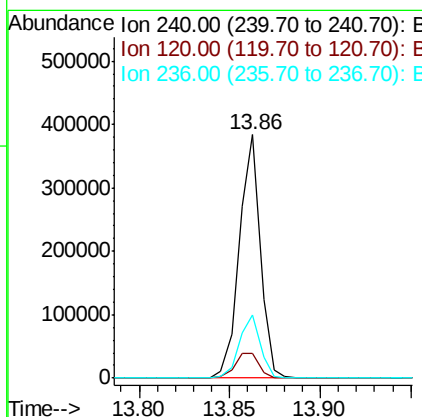
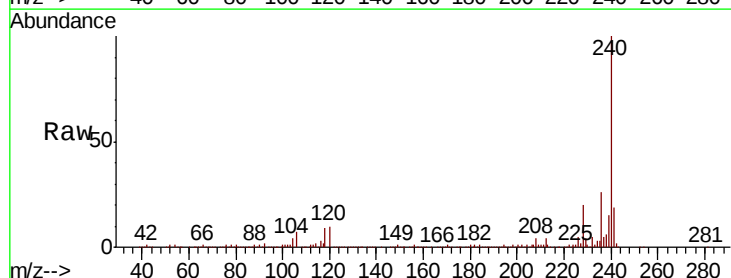
Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

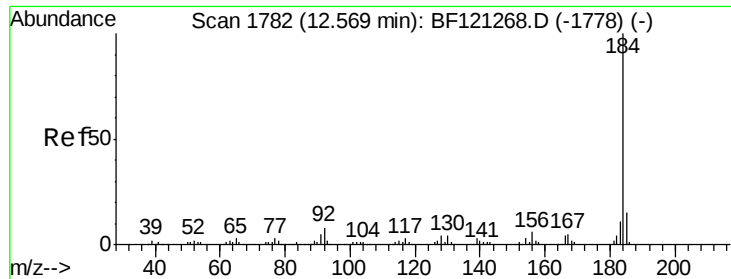
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.2
203	17.9	0.0	38.2



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	26.1	21.2	31.8





#77

Benzidine

Concen: 36.902 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

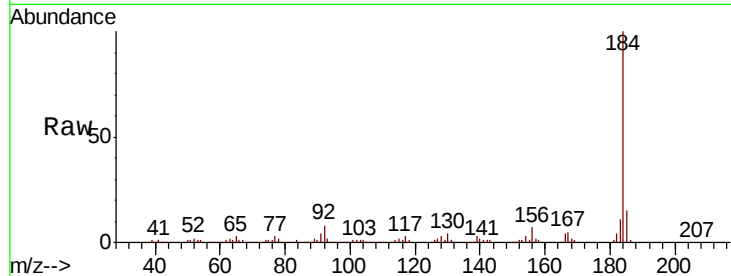
Tot Ion:184 Resp: 300918

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

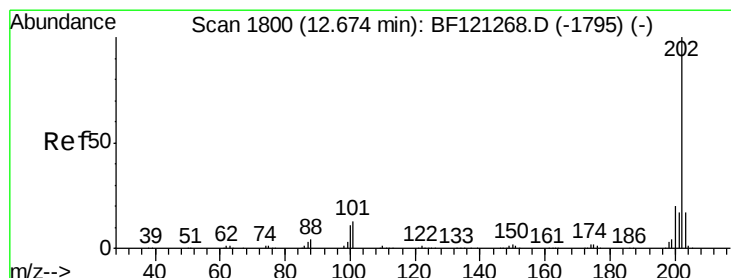
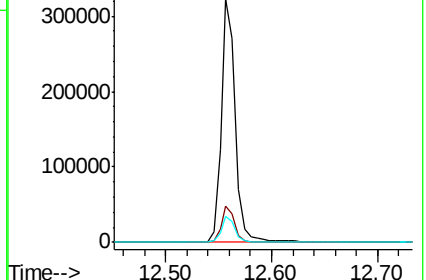
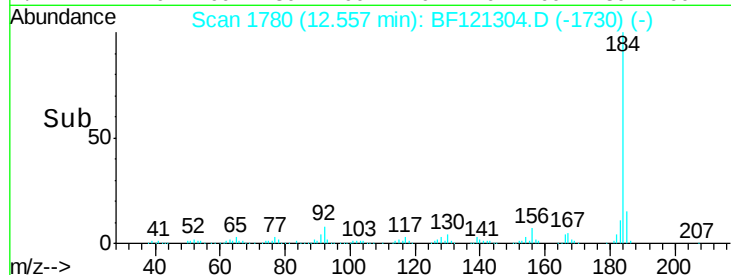
183 10.6 8.6 13.0



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: 40.905 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

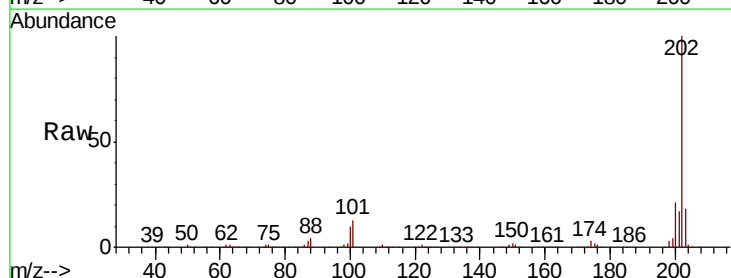
Tgt Ion:202 Resp: 944871

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

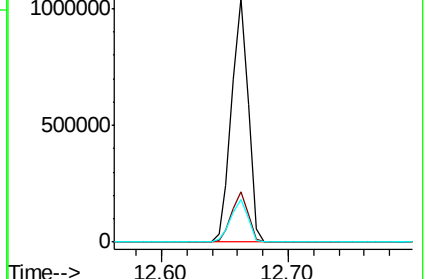
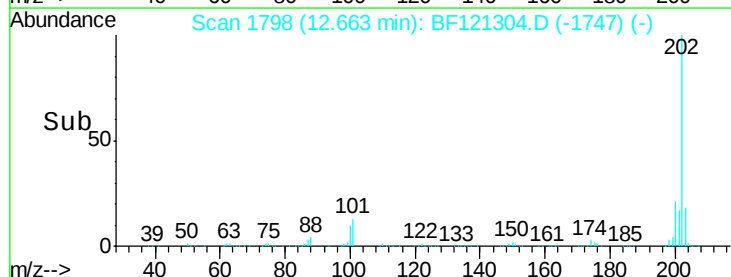
203 17.8 14.2 21.4

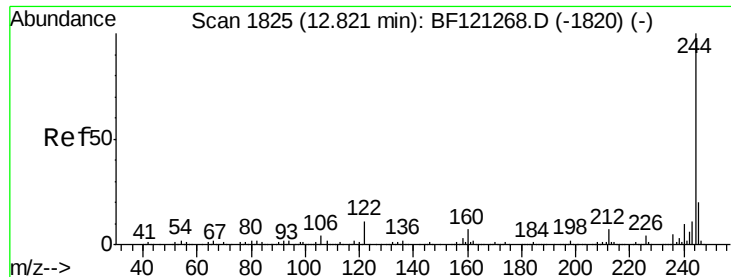


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

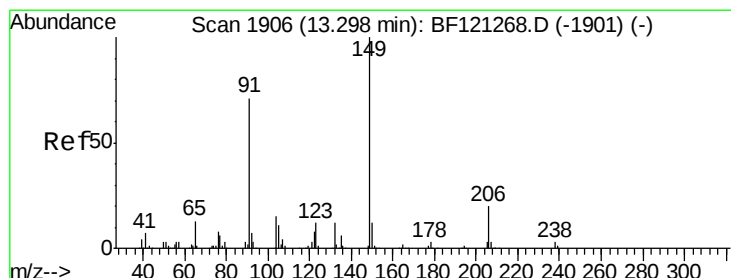
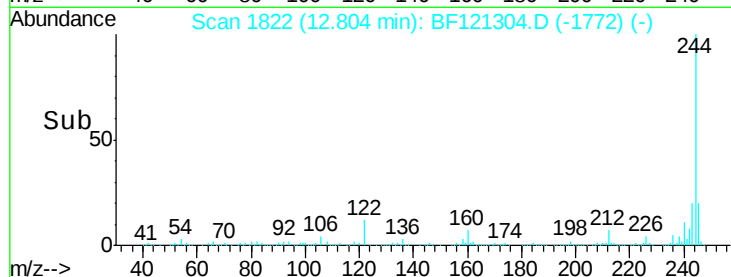
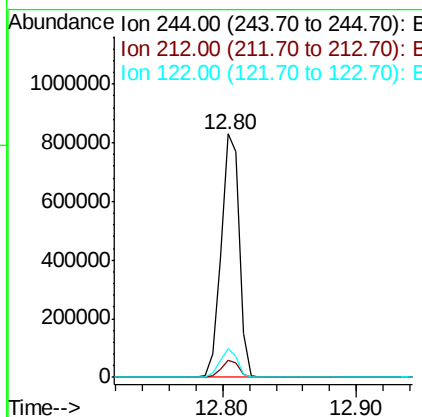
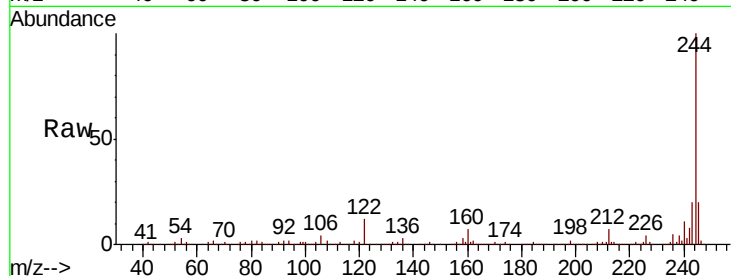




#79
 Terphenyl-d14
 Concen: 50.112 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

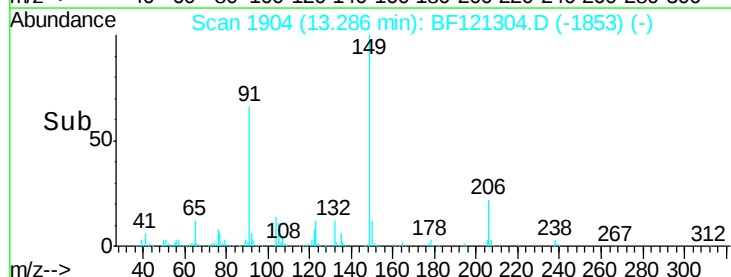
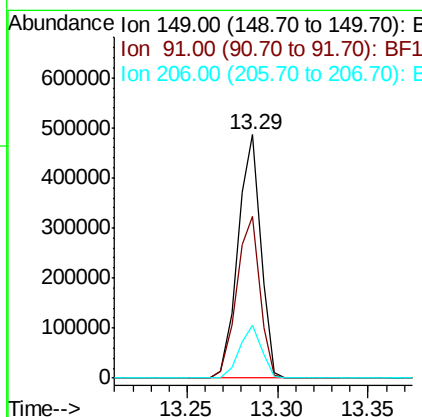
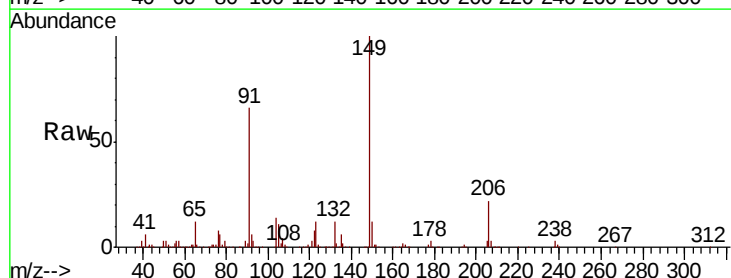
Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

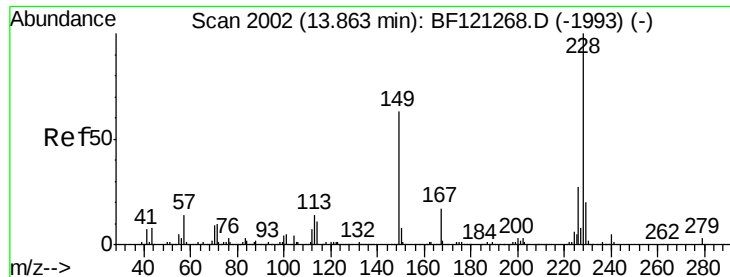
Tot Ion:244 Resp: 797418
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.0 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 45.071 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion:149 Resp: 425265
 Ion Ratio Lower Upper
 149 100
 91 66.4 53.0 79.4
 206 21.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 38.648 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

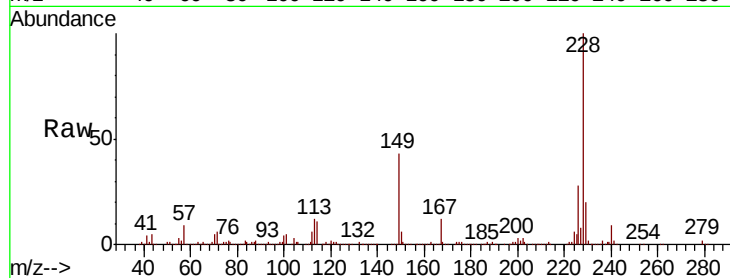
Tot Ion:228 Resp: 813112

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

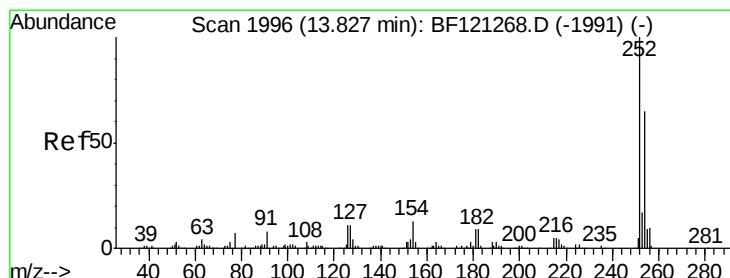
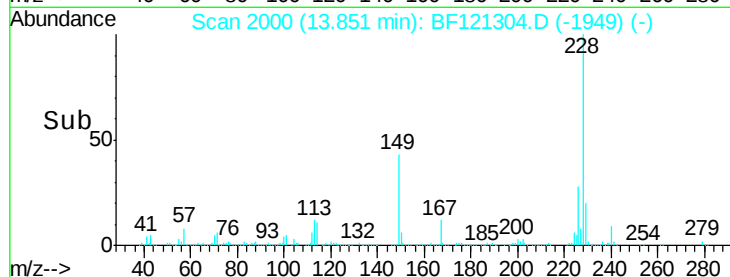
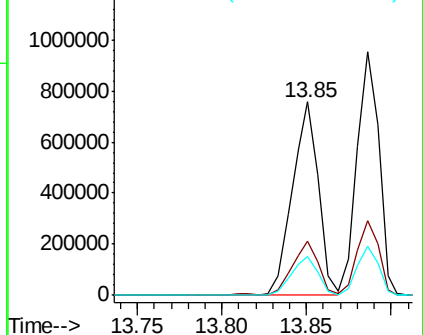
229 19.8 15.8 23.6



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: 31.548 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

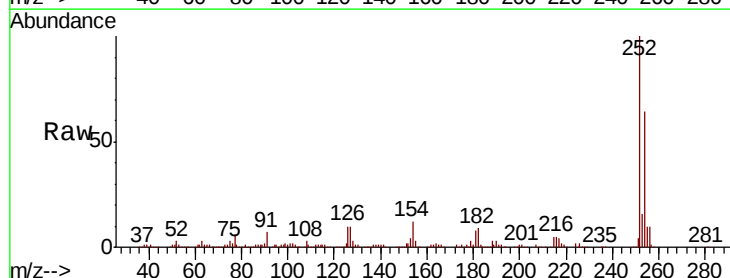
Tgt Ion:252 Resp: 263341

Ion Ratio Lower Upper

252 100

254 64.0 52.2 78.2

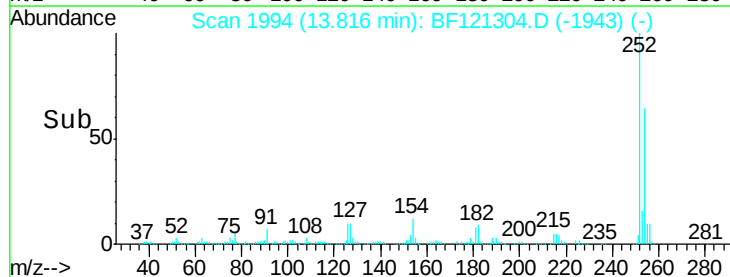
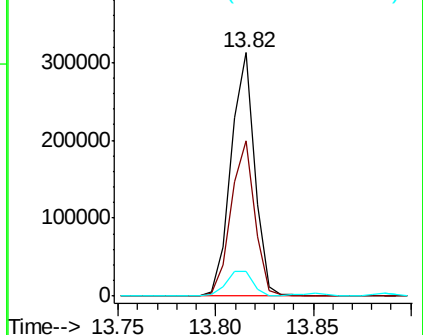
126 10.3 9.1 13.7

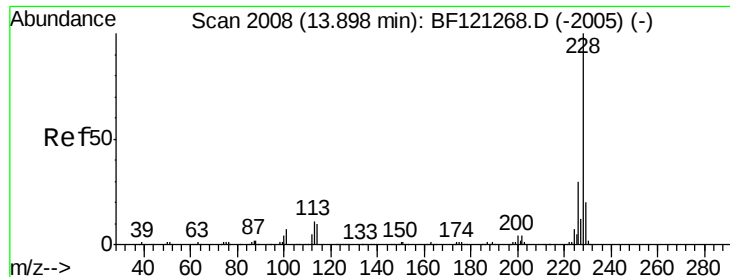


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.894 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

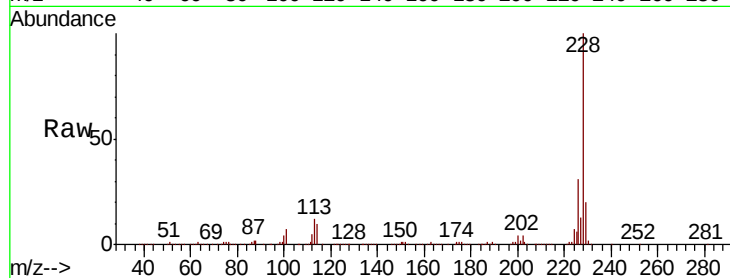
Tot Ion:228 Resp: 856937

Ion Ratio Lower Upper

228 100

226 30.9 25.3 37.9

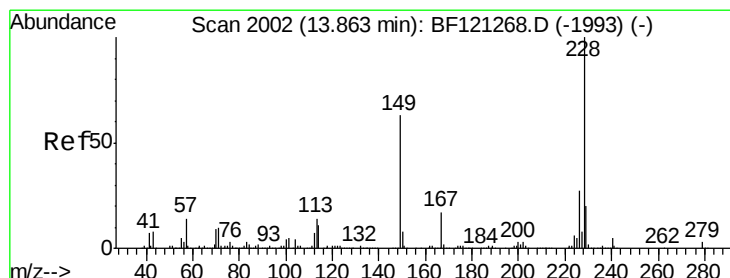
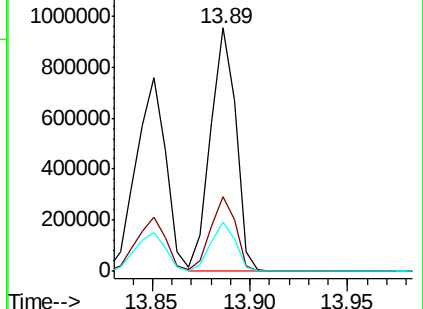
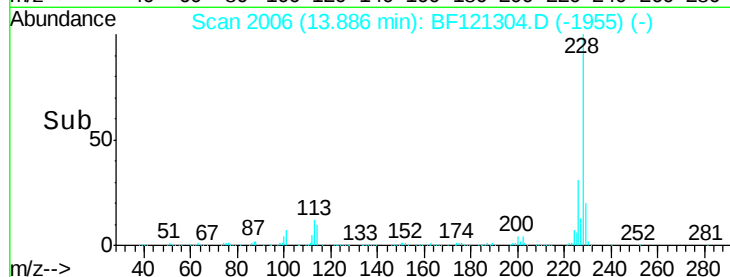
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.024 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

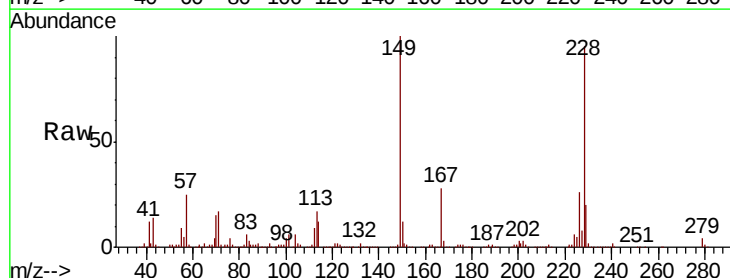
Tgt Ion:149 Resp: 533534

Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

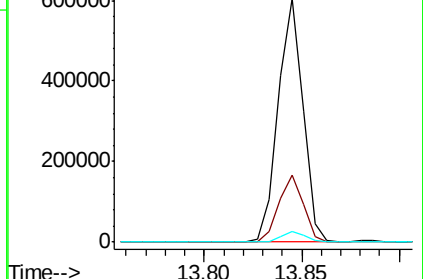
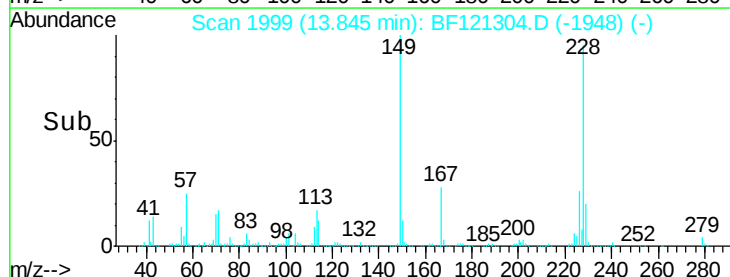
279 4.1 2.9 4.3

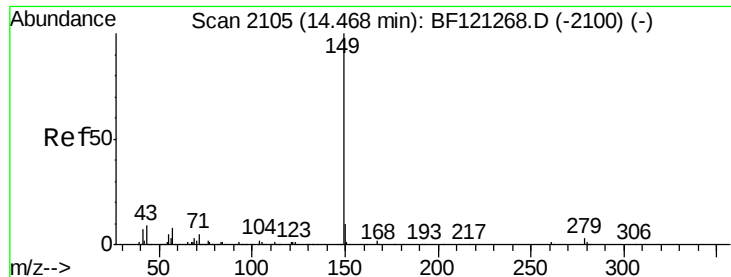


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.267 ng

RT: 14.46 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

Instrument :

BNA_F

ClientSampleId :

BW-STOCKMSD

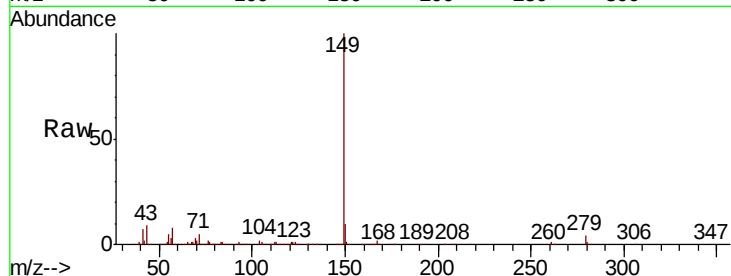
Tot Ion:149 Resp: 1079379

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

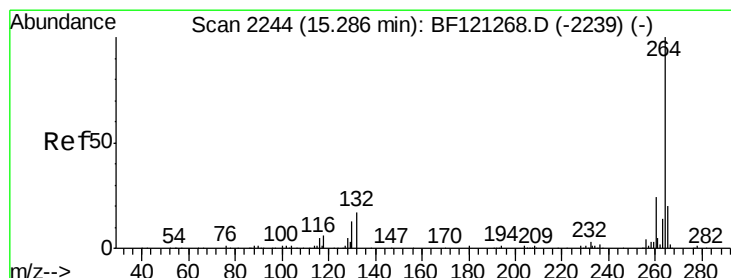
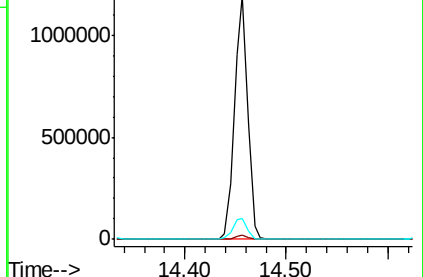
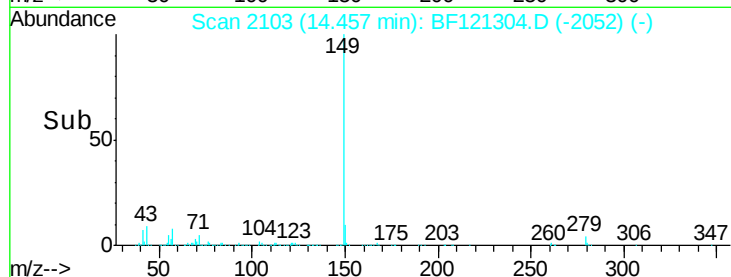
43 9.3 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BF121304.D

Acq: 17 Aug 2020 12:11

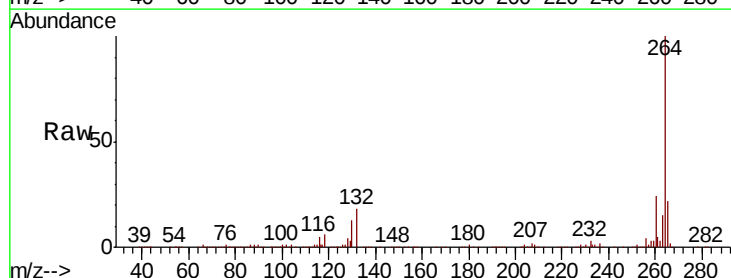
Tgt Ion:264 Resp: 352882

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

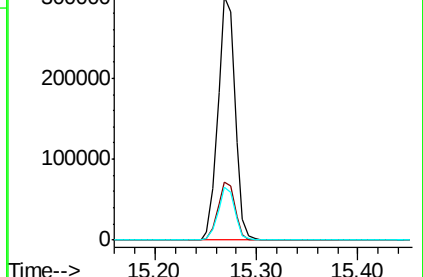
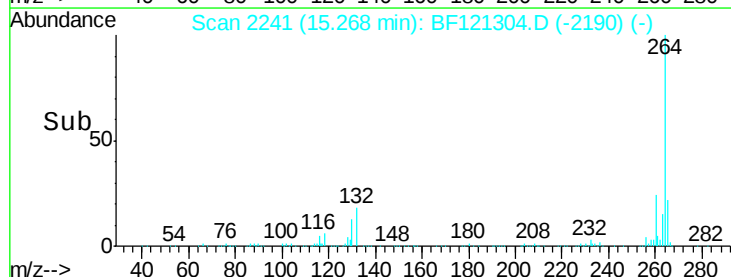
265 21.6 17.1 25.7

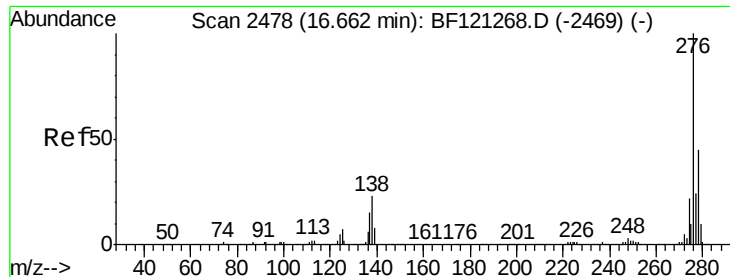


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



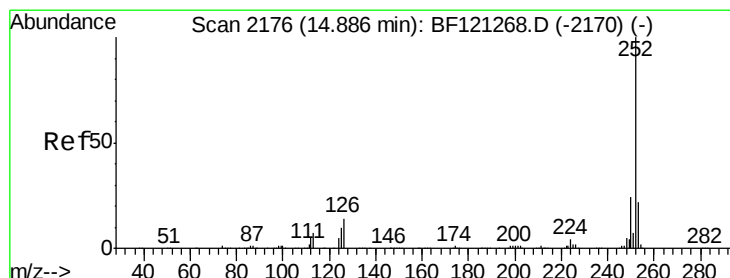
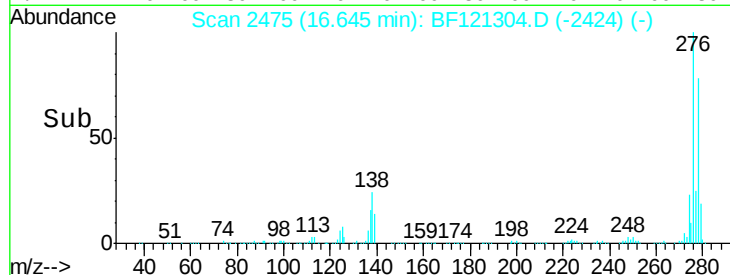
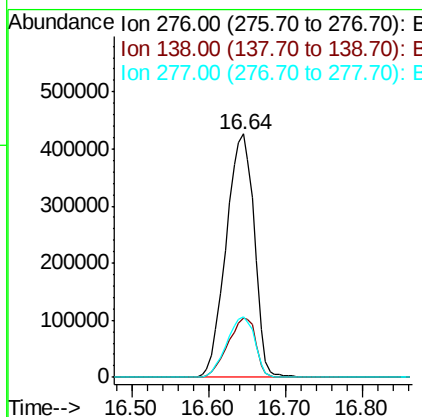
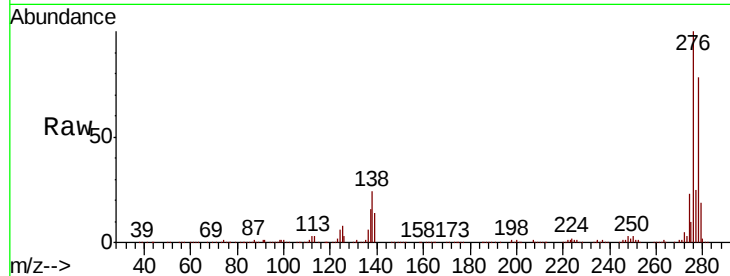


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.488 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCKMSD

Tot Ion:276 Resp: 1088490

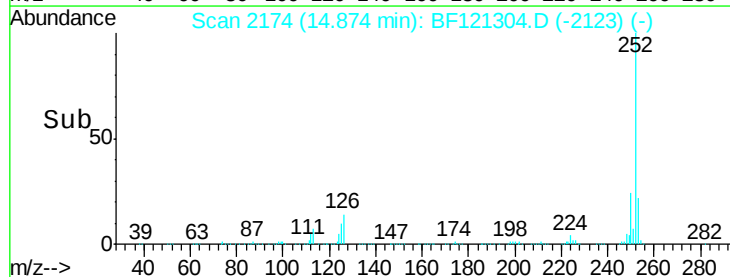
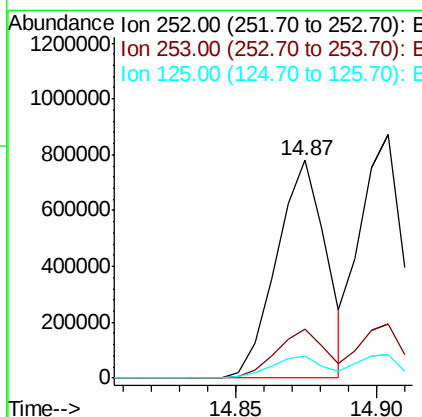
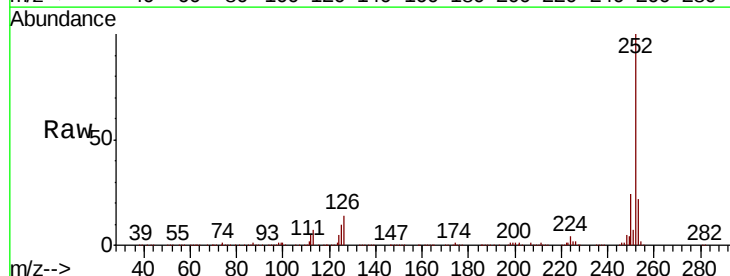
Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.6	29.4
277	25.2	20.4	30.6

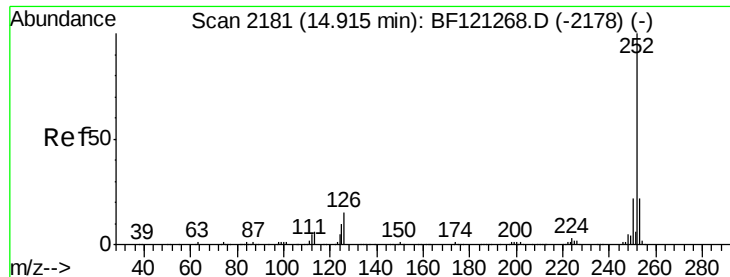


#88
 Benzo(b)fluoranthene
 Concen: 40.136 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BF121304.D
 Acq: 17 Aug 2020 12:11

Tgt Ion:252 Resp: 948985

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.2	7.5	11.3

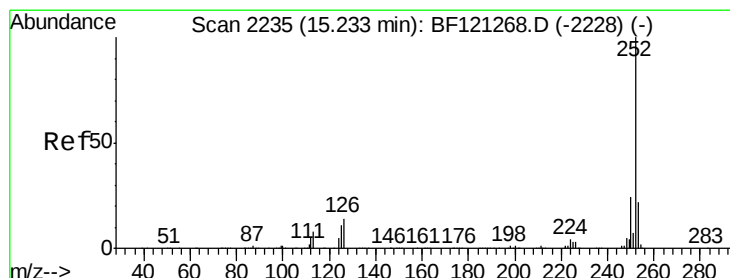
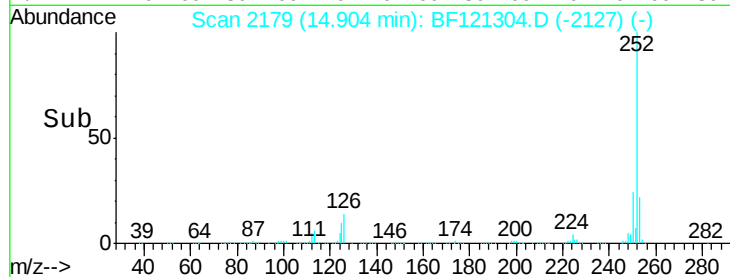
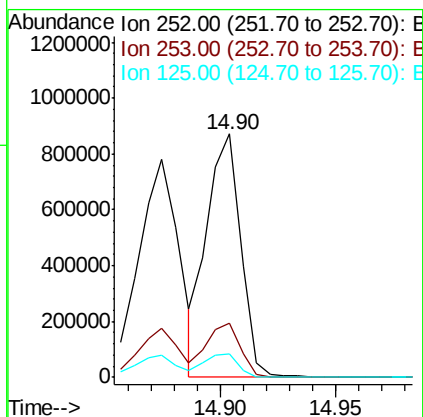
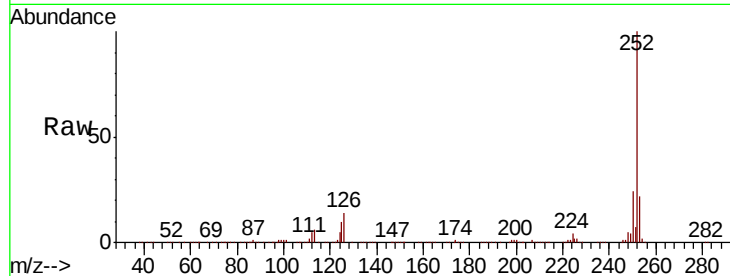




#89
Benzo(k)fluoranthene
Concen: 40.366 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

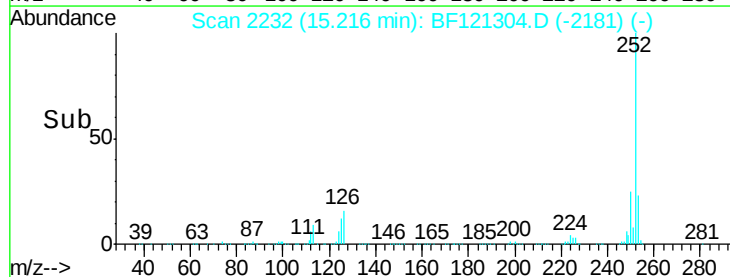
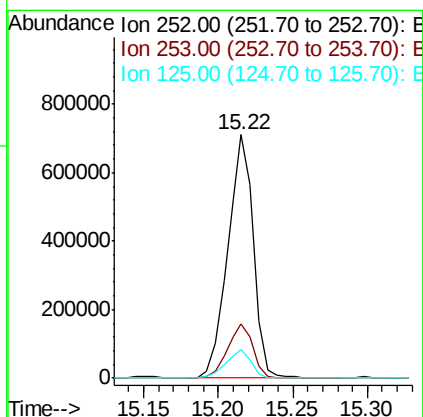
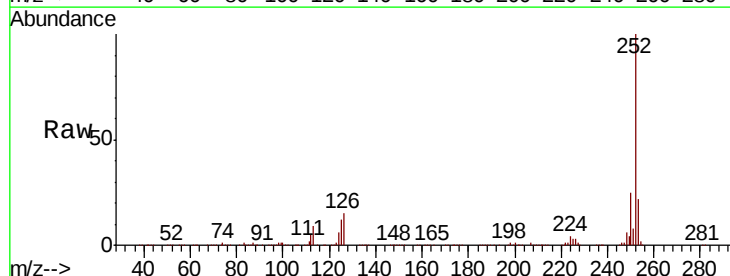
Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

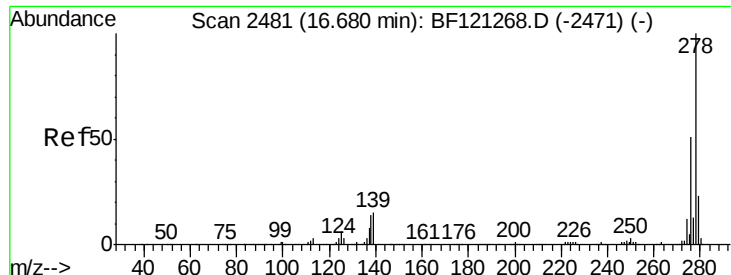
Tot Ion:252 Resp: 886301
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.6 8.2 12.4



#90
Benzo(a)pyrene
Concen: 39.949 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion:252 Resp: 852555
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.5 8.7 13.1

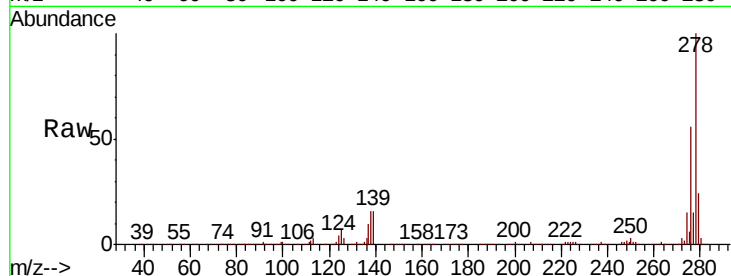




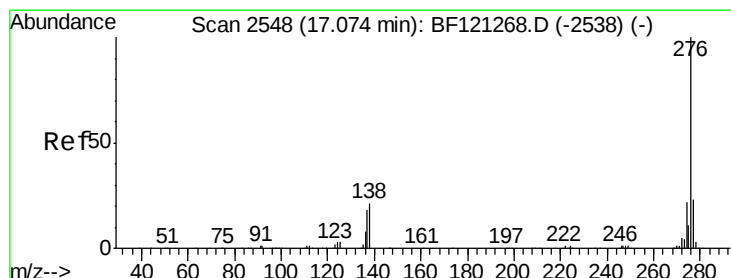
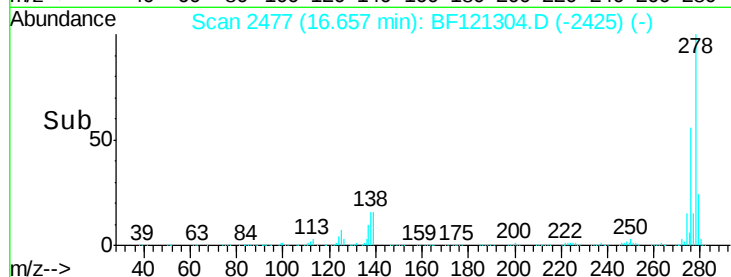
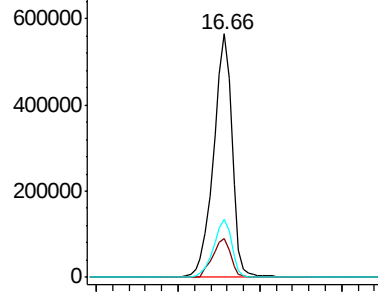
#91
Dibenzo(a,h)anthracene
Concen: 39.802 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Instrument :
BNA_F
ClientSampleId :
BW-STOCKMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	23.9	18.6	27.8

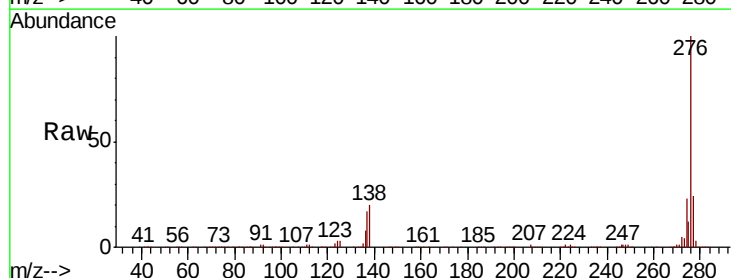


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.021 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF121304.D
Acq: 17 Aug 2020 12:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	20.3	16.6	24.8



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

