

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121573.D
 Acq On : 15 Sep 2020 12:56
 Operator : JU/CG
 Sample : L3943-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Quant Time: Sep 15 13:44:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	220308	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	864304	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	459874	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	820311	20.00	ng	0.00
76) Chrysene-d12	14.00	240	709900	20.00	ng	0.00
86) Perylene-d12	15.45	264	614743	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1241923	83.78	ng	0.02
7) Phenol-d6	6.48	99	1642746	84.47	ng	0.02
23) Nitrobenzene-d5	7.40	82	1145619	71.17	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	489455	85.63	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1974103	65.01	ng	0.00
79) Terphenyl-d14	12.95	244	2217768	63.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	247286	36.309	ng	100
3) Pyridine	3.40	79	704381	37.412	ng	98
4) n-Nitrosodimethylamine	3.36	42	349422	40.011	ng	98
6) Aniline	6.50	93	592011	23.372	ng	# 80
8) 2-Chlorophenol	6.62	128	638131	42.279	ng	99
9) Benzaldehyde	6.38	77	345688	27.189	ng	99
10) Phenol	6.49	94	794432	38.359	ng	82
11) bis(2-Chloroethyl)ether	6.57	93	663160	42.485	ng	99
12) 1,3-Dichlorobenzene	6.77	146	663243	39.370	ng	98
13) 1,4-Dichlorobenzene	6.85	146	676300	39.981	ng	99
14) 1,2-Dichlorobenzene	7.00	146	653087	41.911	ng	98
15) Benzyl Alcohol	6.98	79	566253	42.836	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1003422	39.948	ng	86
17) 2-Methylphenol	7.10	107	518304	40.359	ng	94
18) Hexachloroethane	7.35	117	243557	40.212	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	453310	40.442	ng	99
20) 3+4-Methylphenols	7.25	107	619271	40.135	ng	# 88
22) Acetophenone	7.25	105	841648	38.381	ng	97
24) Nitrobenzene	7.42	77	698460	40.117	ng	99
25) Isophorone	7.66	82	1282168	39.568	ng	99
26) 2-Nitrophenol	7.73	139	326388	40.257	ng	97
27) 2,4-Dimethylphenol	7.77	122	547732	37.867	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	811422	40.448	ng	100
29) 2,4-Dichlorophenol	7.98	162	536453	40.719	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	548872	39.558	ng	99
31) Naphthalene	8.14	128	1771784	38.833	ng	100
32) Benzoic acid	7.92	122	414478	39.792	ng	97
33) 4-Chloroaniline	8.19	127	365008	18.456	ng	98
34) Hexachlorobutadiene	8.26	225	326079	40.038	ng	99
35) Caprolactam	8.57	113	115321	26.285	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	589451	41.533	ng	98
37) 2-Methylnaphthalene	8.83	142	1182087	39.535	ng	99
38) 1-Methylnaphthalene	8.93	142	1096245	39.395	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	545978	38.008	ng	99

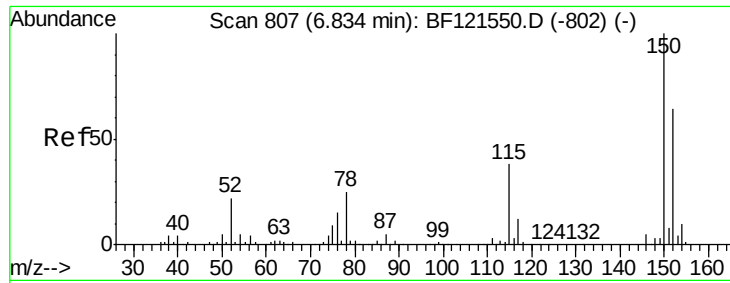
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	465582	56.754	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	396352	40.480	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	427088	41.260	nq	94
46) 1,1'-Biphenyl	9.29	154	1394561	37.879	nq	99
47) 2-Chloronaphthalene	9.32	162	1009518	34.797	nq	99
48) 2-Nitroaniline	9.42	65	396138	43.940	nq	98
49) Acenaphthylene	9.73	152	1722457	38.641	nq	99
50) Dimethylphthalate	9.60	163	1729426	51.886	nq	98
51) 2,6-Dinitrotoluene	9.66	165	308213	43.420	nq	# 88
52) Acenaphthene	9.90	154	1037468	36.849	nq	99
53) 3-Nitroaniline	9.83	138	215035	26.150	nq	96
54) 2,4-Dinitrophenol	9.93	184	239050	60.833	nq	93
55) Dibenzofuran	10.08	168	1522870	38.409	nq	100
56) 4-Nitrophenol	10.01	139	523102	79.767	nq	96
57) 2,4-Dinitrotoluene	10.06	165	407642	45.647	nq	97
58) Fluorene	10.42	166	1095921	36.144	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	348576	41.423	nq	98
60) Diethylphthalate	10.30	149	1334489	41.065	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	535007	36.834	nq	96
62) 4-Nitroaniline	10.45	138	288022	35.277	nq	98
63) Azobenzene	10.57	77	1274662	36.833	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	161685	34.387	nq	97
66) n-Nitrosodiphenylamine	10.53	169	1074204	38.170	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	372140	39.845	nq	95
68) Hexachlorobenzene	10.97	284	410491	38.946	nq	95
69) Atrazine	11.06	200	269026	38.477	nq	99
70) Pentachlorophenol	11.17	266	441475	76.268	nq	99
71) Phenanthrene	11.38	178	1710134	38.263	nq	100
72) Anthracene	11.43	178	1722430	37.345	nq	99
73) Carbazole	11.59	167	1595941	38.345	nq	99
74) Di-n-butylphthalate	11.92	149	1979272	41.203	nq	100
75) Fluoranthene	12.57	202	2004433	42.012	nq	99
77) Benzidine	12.69	184	480693	20.425	nq	100
78) Pyrene	12.80	202	2020896	38.963	nq	100
80) Butylbenzylphthalate	13.42	149	945431	45.070	nq	99
81) Benzo(a)anthracene	13.99	228	1737813	38.694	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	562113	32.059	nq	100
83) Chrysene	14.03	228	1735431	38.159	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1259249	44.936	nq	100
85) Di-n-octyl phthalate	14.59	149	2286880	46.241	nq	100
87) Indeno(1,2,3-cd)pyrene	16.90	276	1606814	40.136	nq	100
88) Benzo(b)fluoranthene	15.03	252	1837125	44.703	nq	99
89) Benzo(k)fluoranthene	15.06	252	1493068	39.674	nq	98
90) Benzo(a)pyrene	15.39	252	1450881	41.533	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	1332639	39.989	nq	99
92) Benzo(g,h,i)perylene	17.34	276	1324543	40.434	nq	98

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

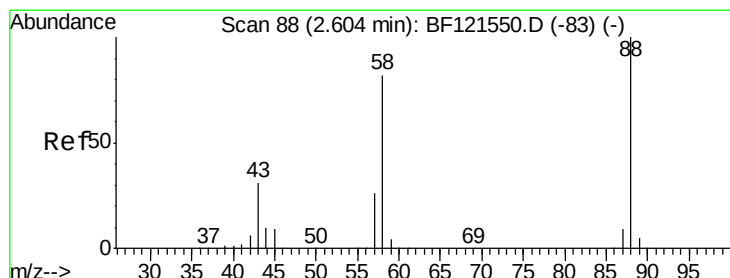
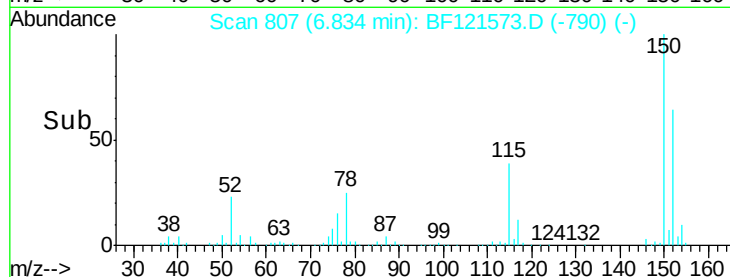
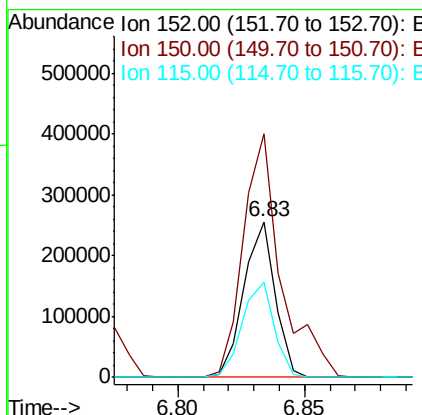
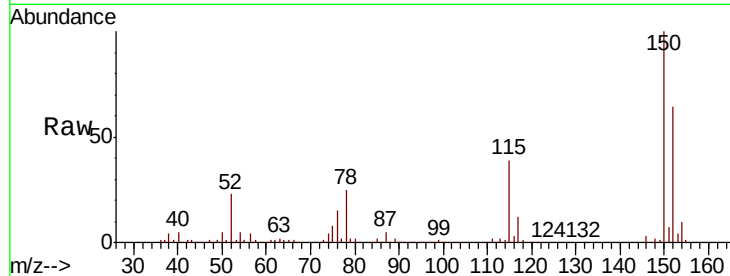


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

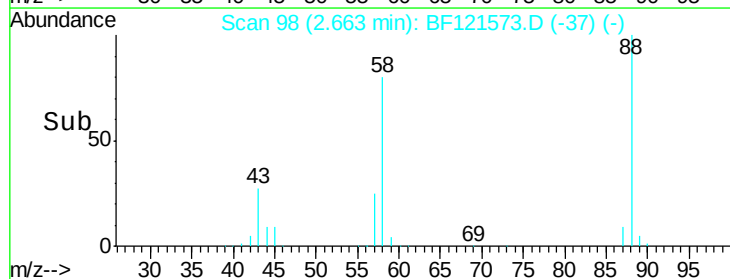
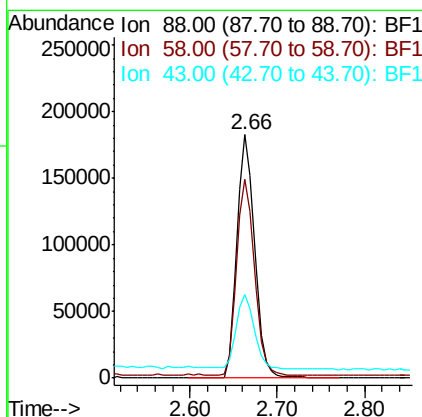
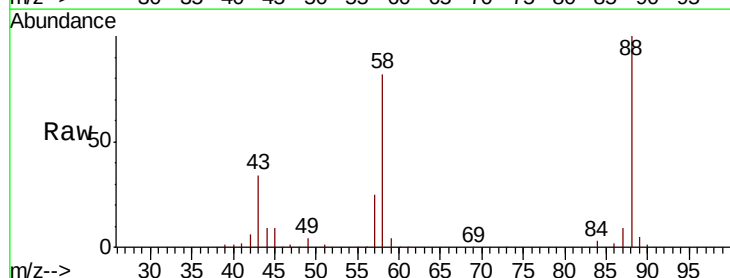
Tot Ion:152 Resp: 220308
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 61.1 47.8 71.8

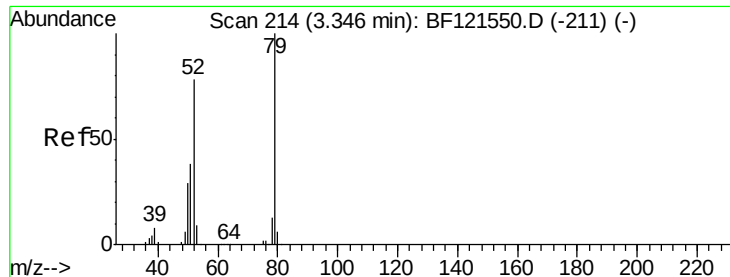


#2

1,4-Dioxane
Concen: 36.309 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.06 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion: 88 Resp: 247286
Ion Ratio Lower Upper
88 100
58 81.5 65.1 97.7
43 31.3 25.0 37.4

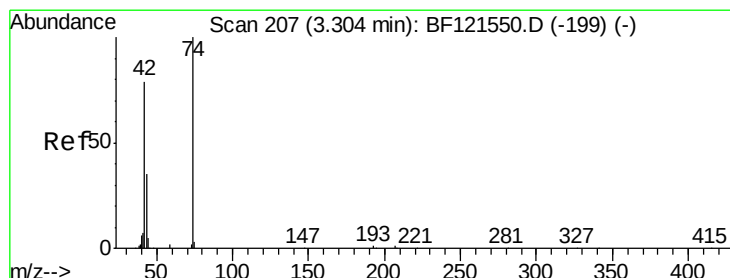
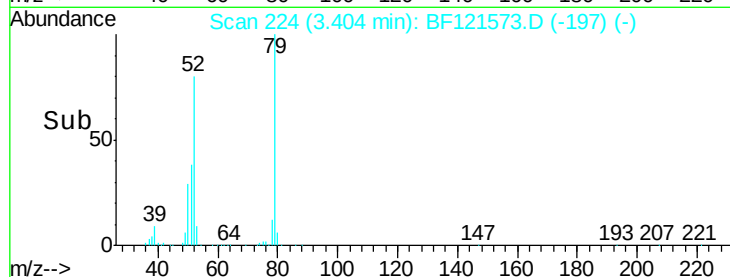
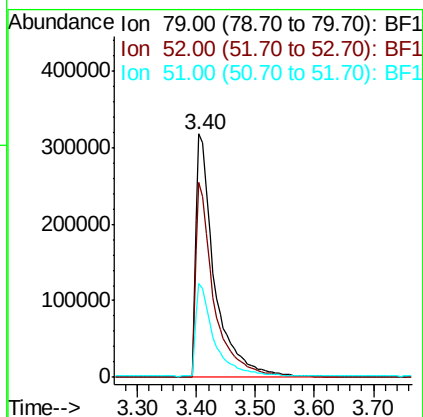
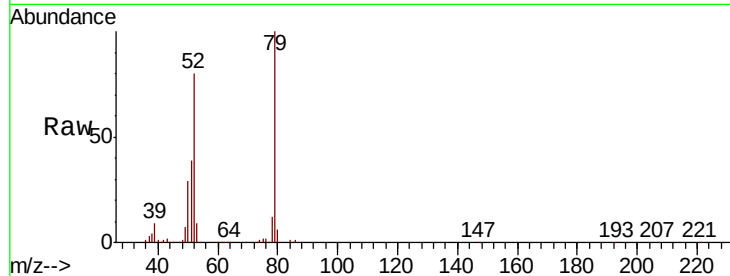




#3
 Pvrindine
 Concen: 37.412 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.06 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

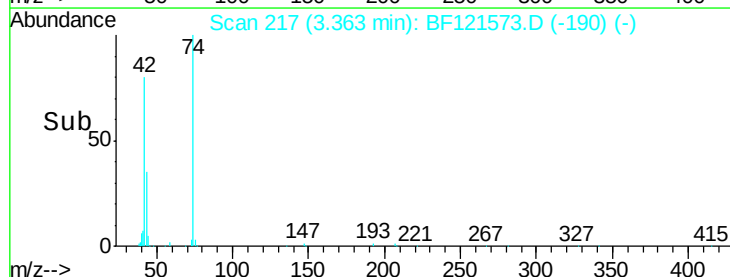
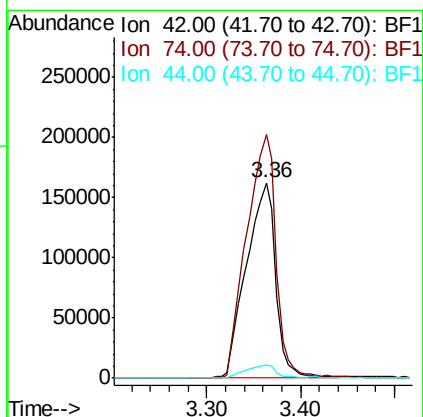
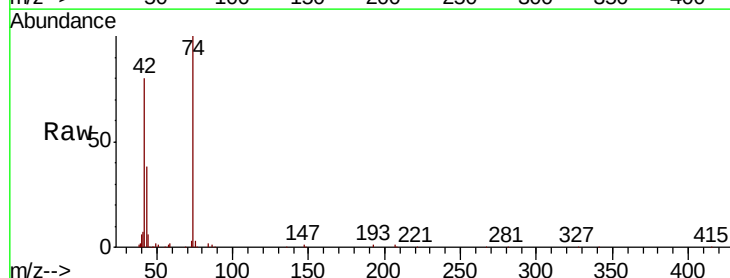
Instrument :
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 ClientSampleId :
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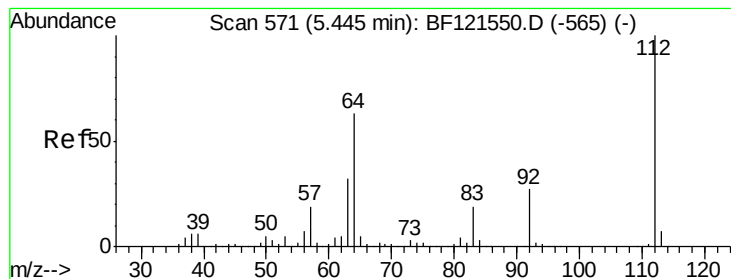
Tot Ion: 79 Resp: 704381
 Ion Ratio Lower Upper
 79 100
 52 80.1 62.2 93.2
 51 38.8 30.6 45.8



#4
 n-Nitrosodimethylamine
 Concen: 40.011 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.06 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion: 42 Resp: 349422
 Ion Ratio Lower Upper
 42 100
 74 124.5 101.7 152.5
 44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 83.776 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

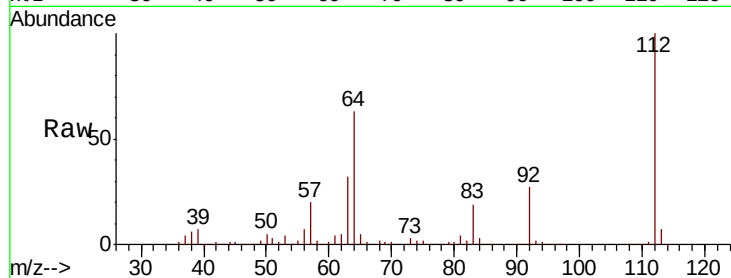
Tot Ion: 112 Resp: 1241923

Ion Ratio Lower Upper

112 100

64 62.9 50.3 75.5

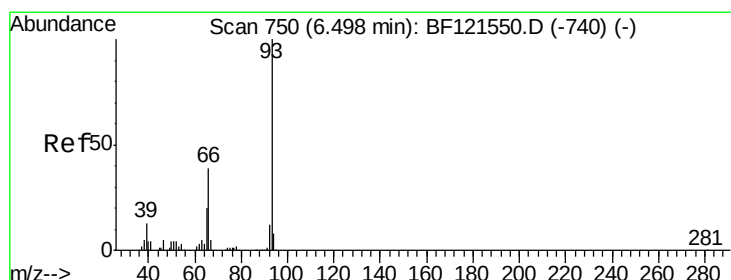
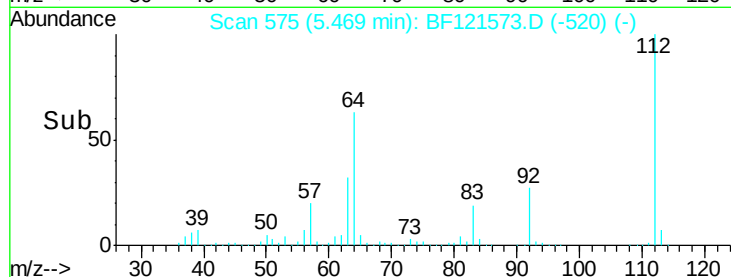
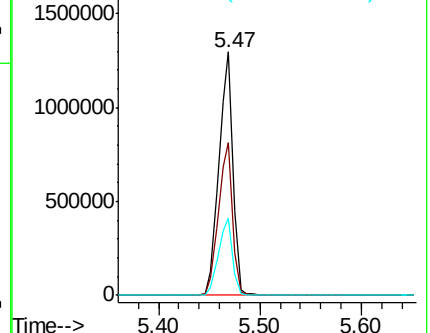
63 31.6 25.6 38.4



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: 23.372 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

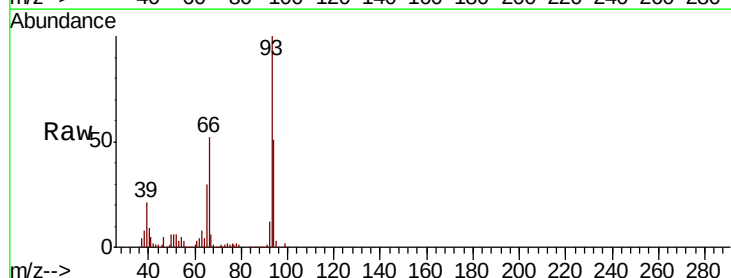
Tgt Ion: 93 Resp: 592011

Ion Ratio Lower Upper

93 100

66 52.2 31.8 47.8#

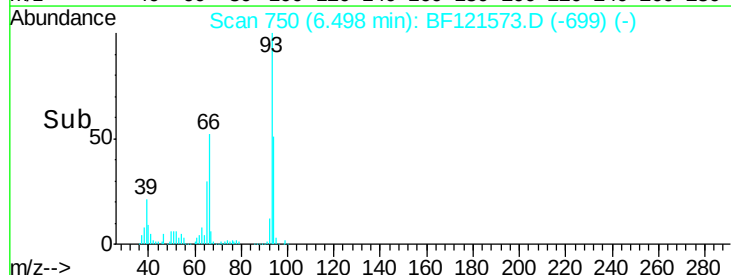
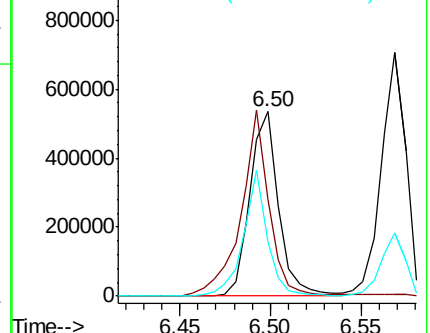
65 29.6 16.2 24.2#

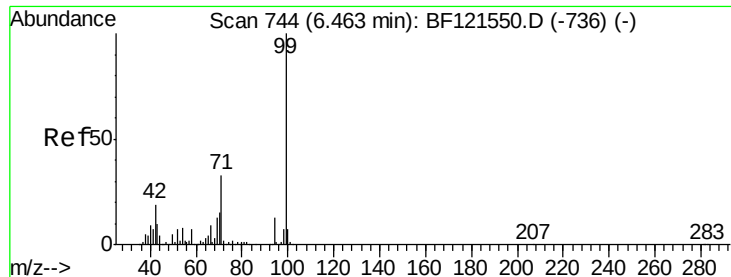


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.466 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

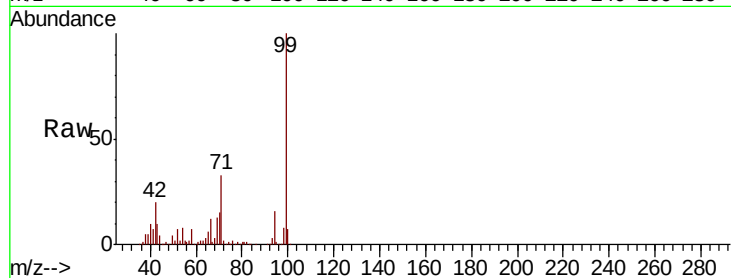
BNA_F

ClientSampleId :

357MS

Tot Ion: 99 Resp: 1642746

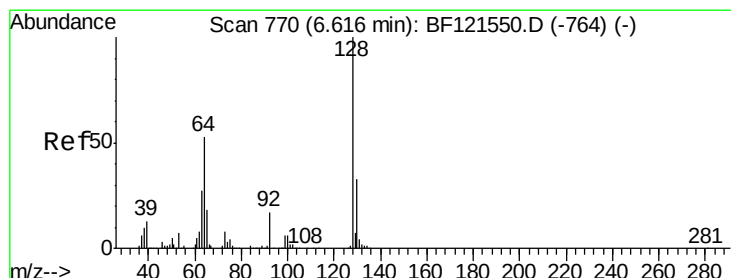
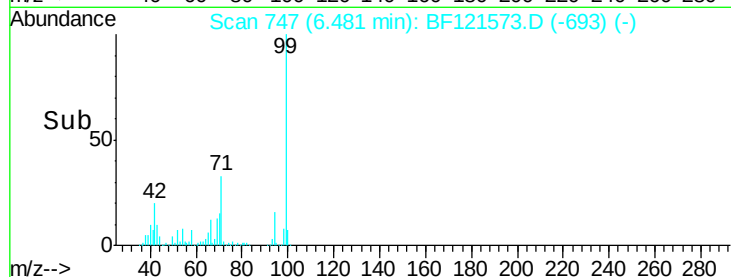
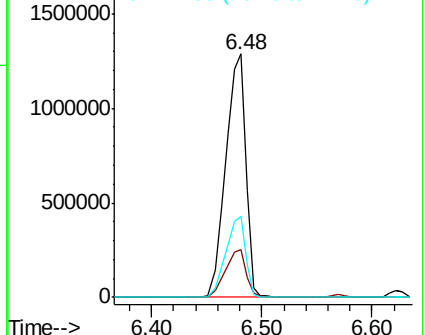
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.5	23.3
71	33.4	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.279 ng

RT: 6.62 min Scan# 771

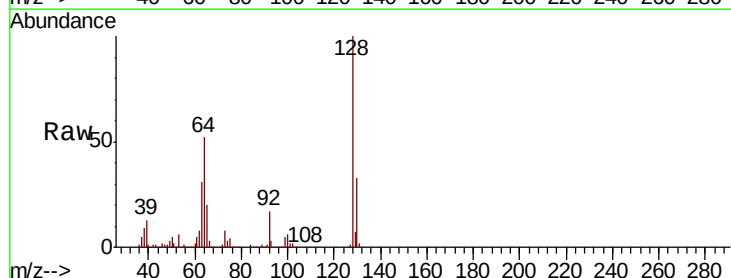
Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Tgt Ion: 128 Resp: 638131

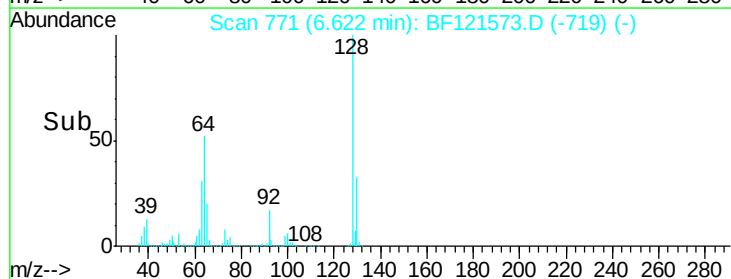
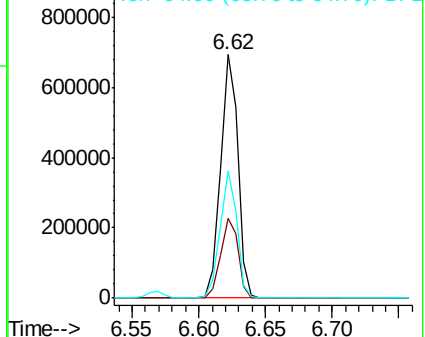
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	52.4	33.1	73.1

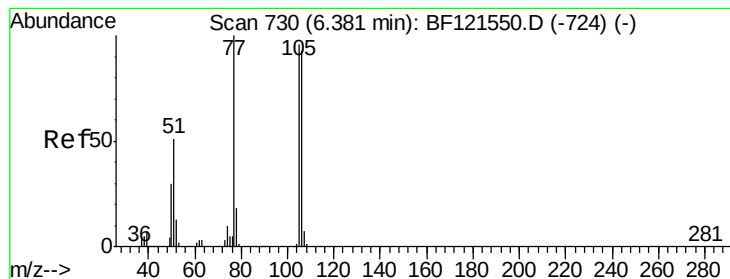


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.189 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

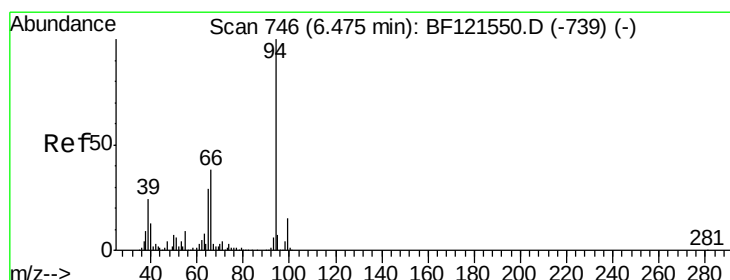
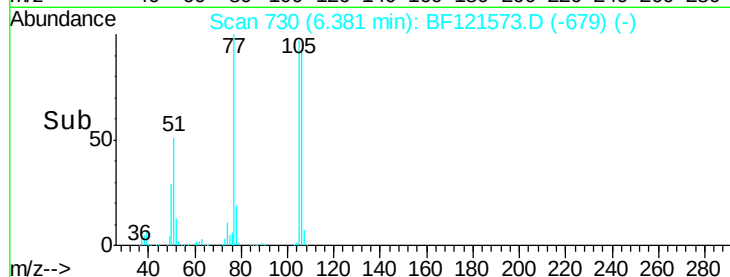
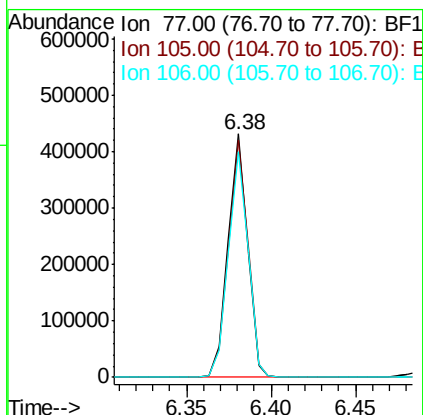
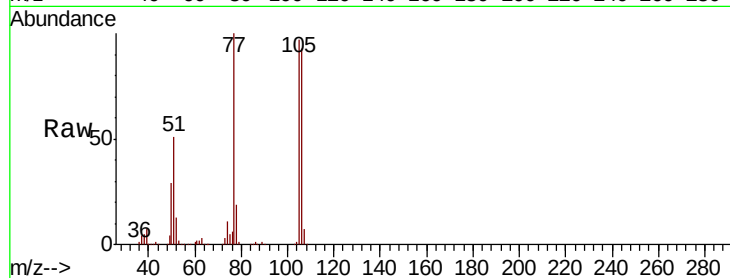
Tot Ion: 77 Resp: 345688

Ion Ratio Lower Upper

77 100

105 97.3 76.4 116.4

106 92.5 73.5 113.5



#10

Phenol

Concen: 38.359 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

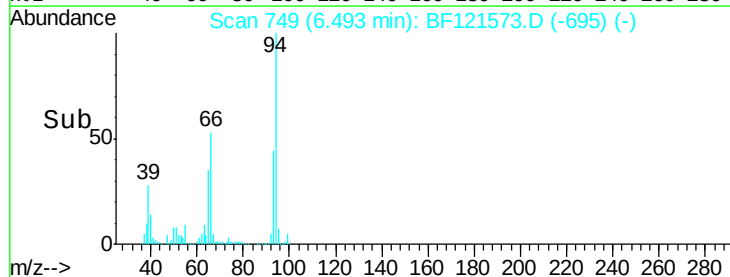
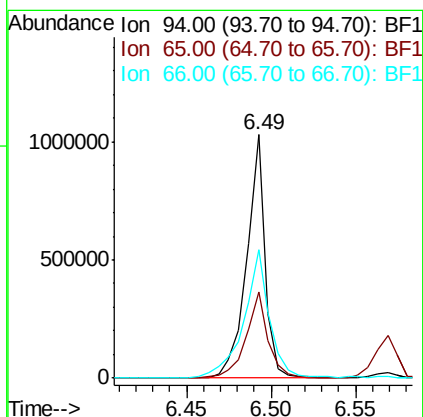
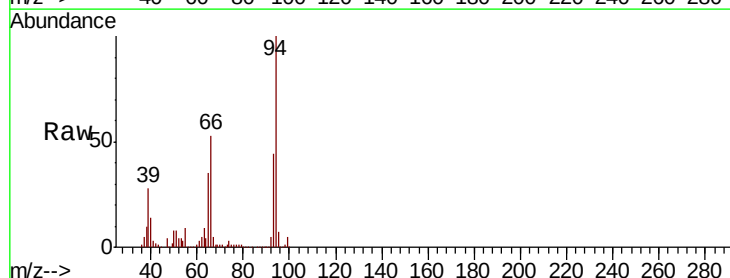
Tgt Ion: 94 Resp: 794432

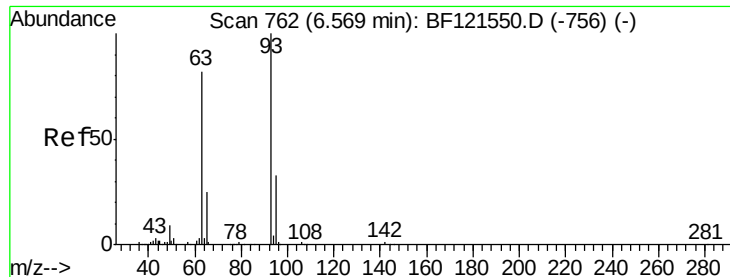
Ion Ratio Lower Upper

94 100

65 35.5 9.4 49.4

66 52.5 18.3 58.3

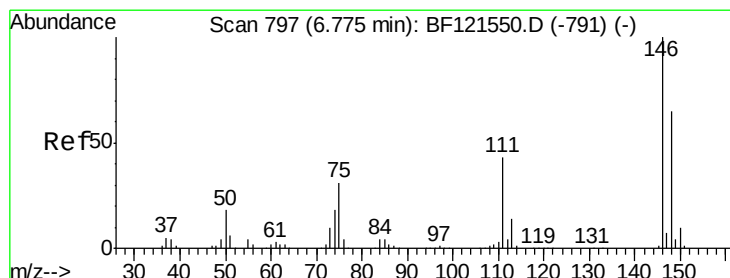
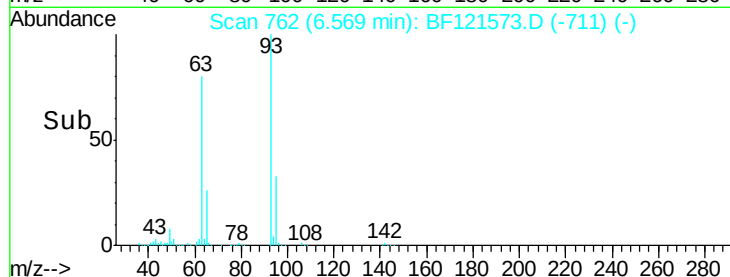
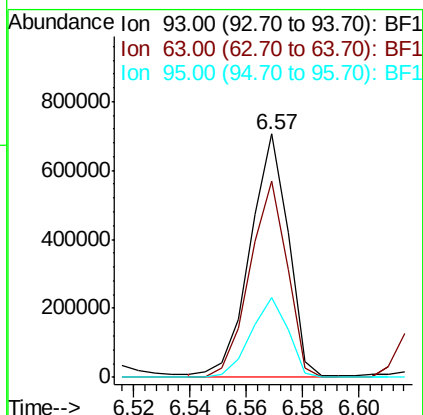
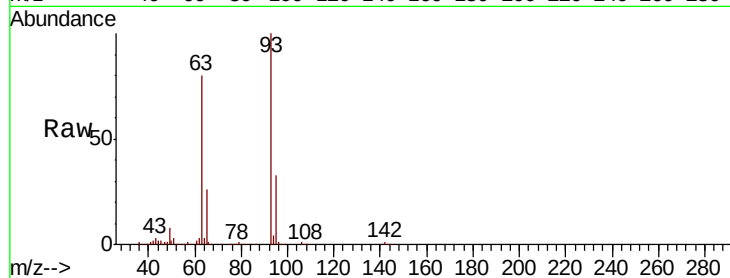




#11
bis(2-Chloroethyl)ether
Concen: 42.485 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

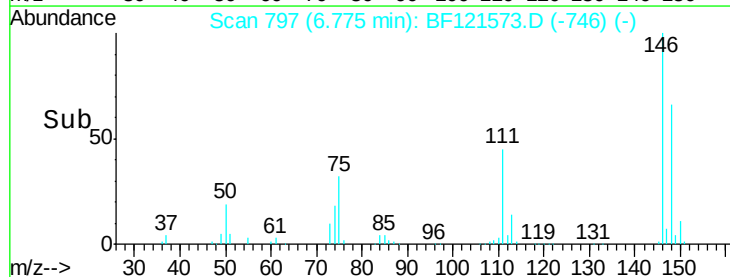
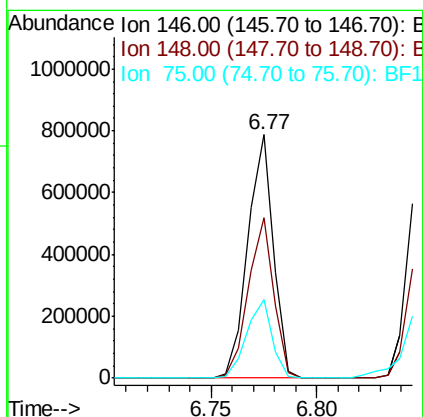
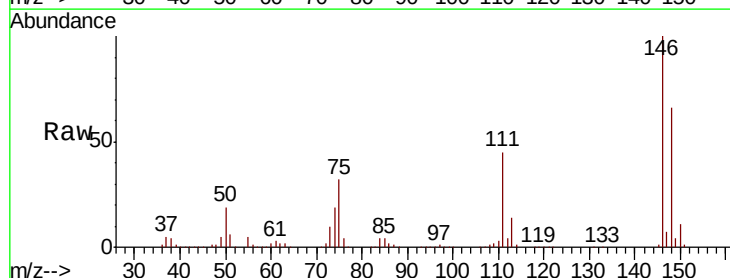
Instrument :
BNA_F
ClientSampleId :
357MS

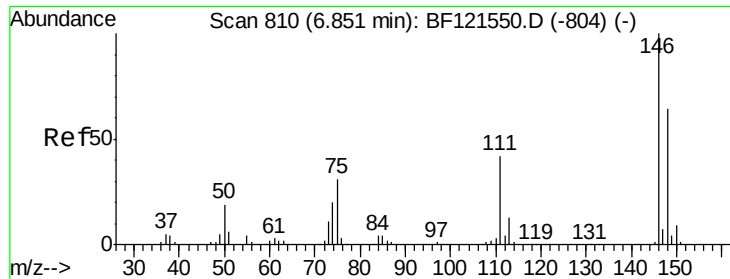
Tot Ion: 93 Resp: 663160
Ion Ratio Lower Upper
93 100
63 80.4 61.7 101.7
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.370 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion: 146 Resp: 663243
Ion Ratio Lower Upper
146 100
148 66.0 51.8 77.8
75 32.0 24.6 36.8

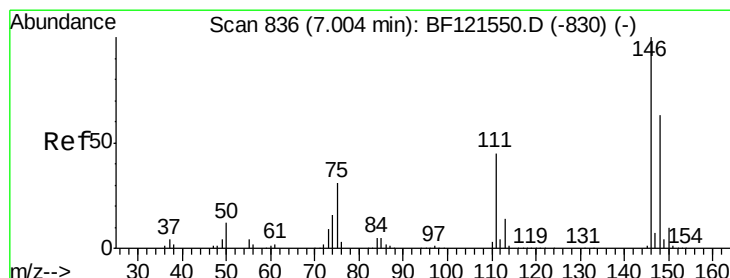
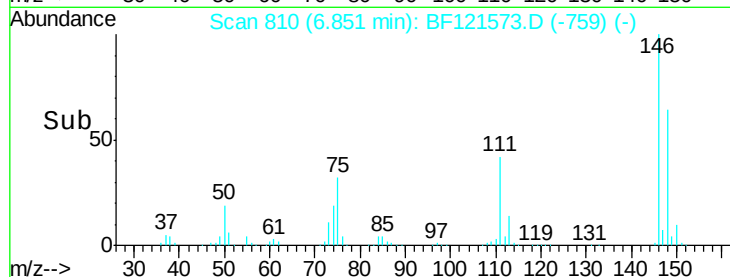
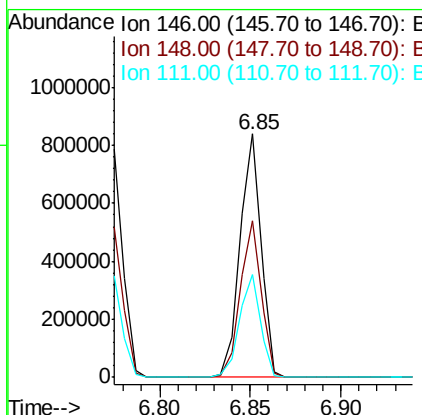
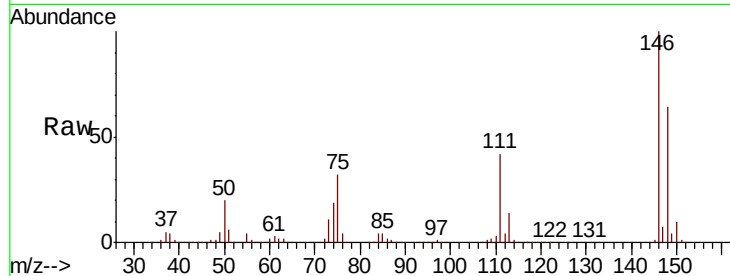




#13
 1,4-Dichlorobenzene
 Concen: 39.981 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

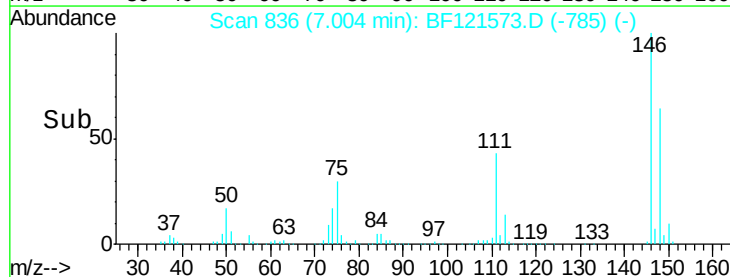
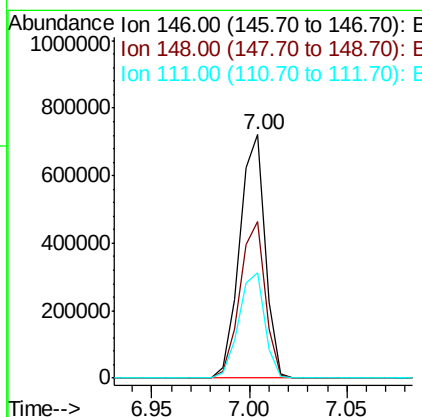
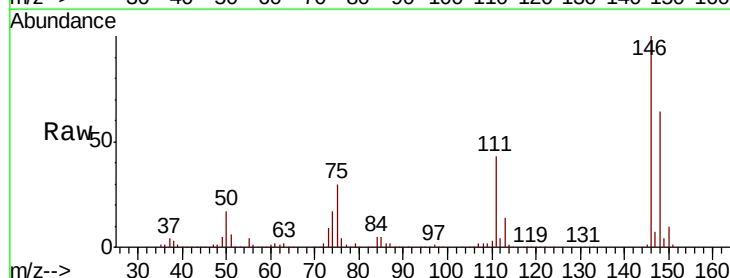
Instrument :
 BNA_F
 ClientSampleId :
 357MS

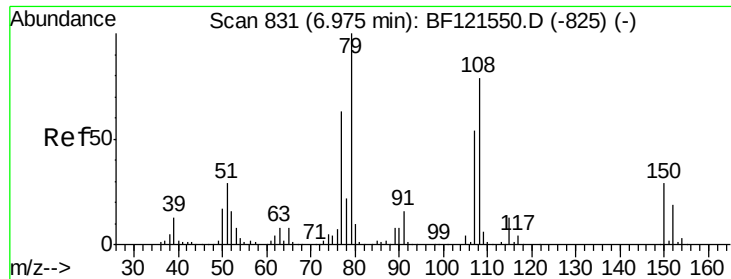
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	42.5	33.4	50.0



#14
 1,2-Dichlorobenzene
 Concen: 41.911 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.7	76.1
111	43.3	35.8	53.6

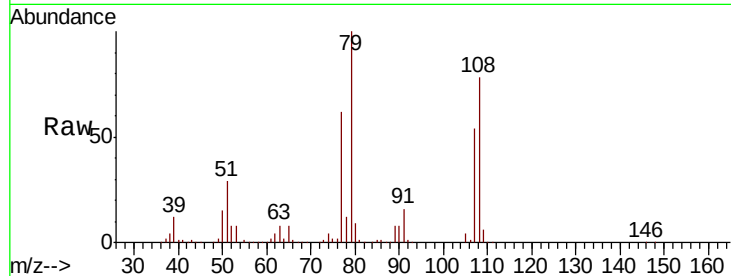




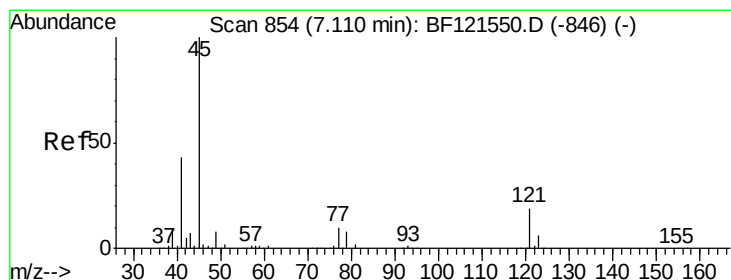
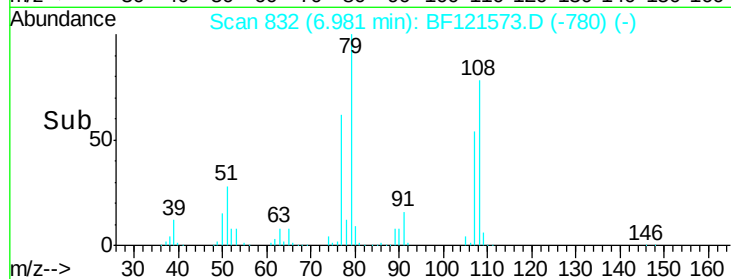
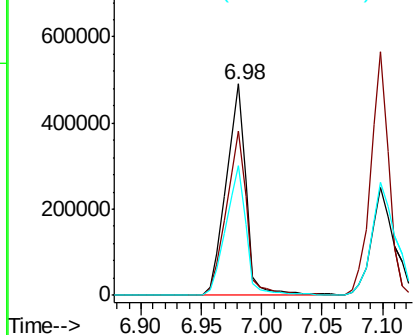
#15
Benzyl Alcohol
Concen: 42.836 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion: 79 Resp: 566253
Ion Ratio Lower Upper
79 100
108 78.0 63.1 94.7
77 61.7 50.2 75.2

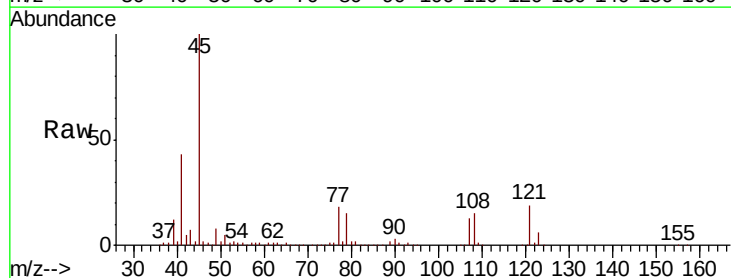


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

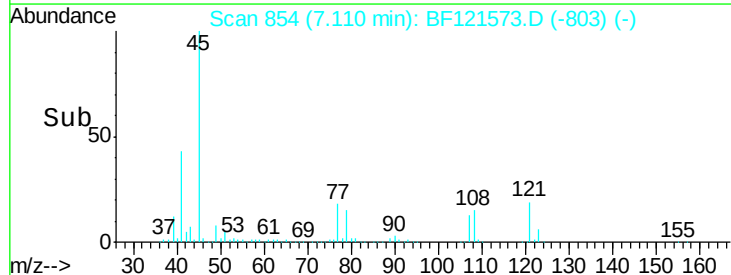
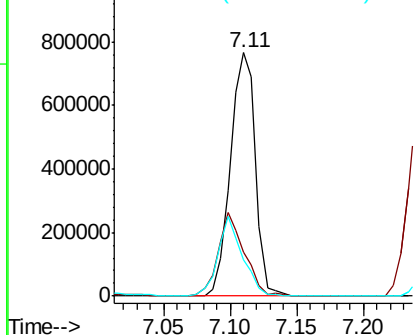


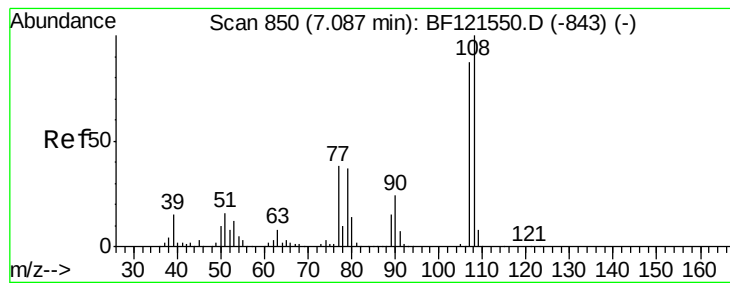
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.948 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion: 45 Resp: 1003422
Ion Ratio Lower Upper
45 100
77 18.0 0.0 32.5
79 14.9 0.0 29.8



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.359 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

Tot Ion:107 Resp: 518304

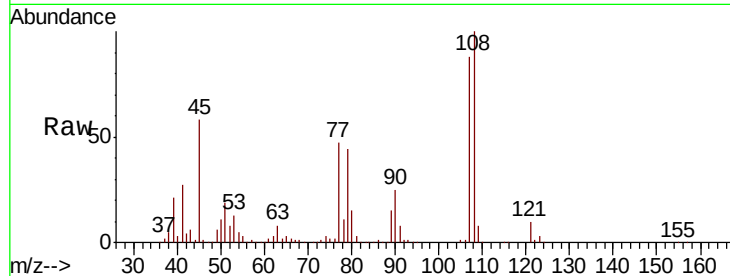
Ion Ratio Lower Upper

107 100

108 113.4 92.1 138.1

77 52.7 35.5 53.3

79 50.4 34.5 51.7

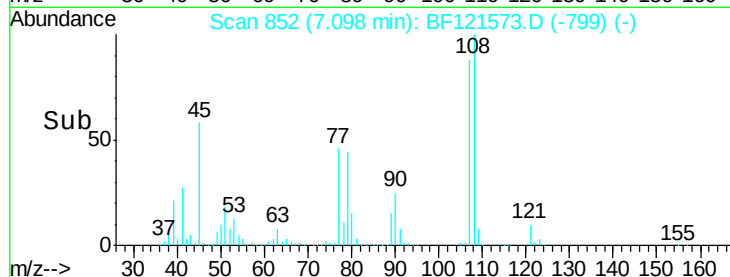


Abundance Ion 107.00 (106.70 to 107.70): E

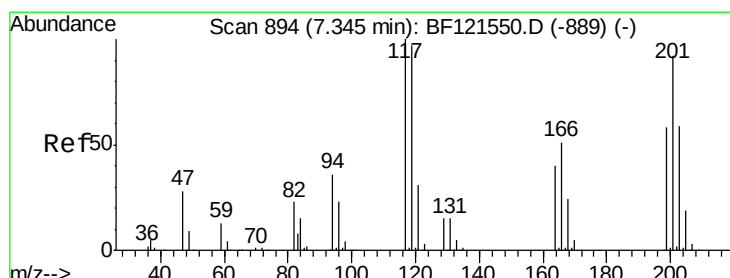
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 40.212 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

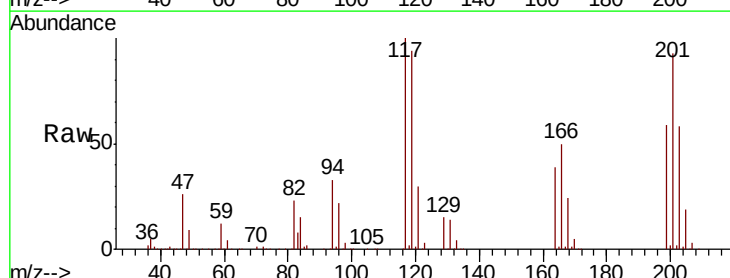
Tgt Ion:117 Resp: 243557

Ion Ratio Lower Upper

117 100

119 94.1 77.2 115.8

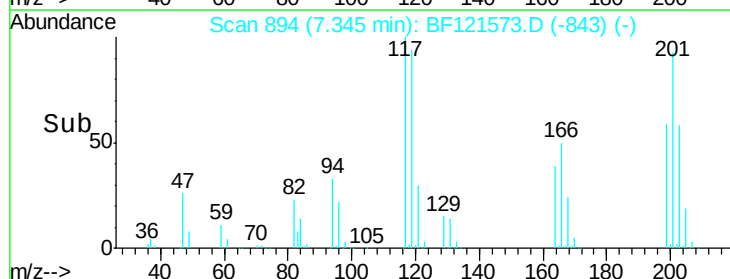
201 92.9 73.7 110.5



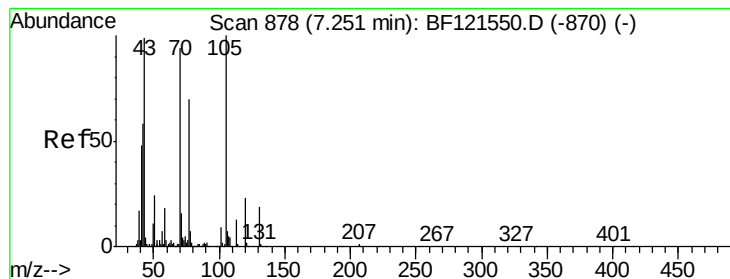
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 40.442 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampled :

357MS

Tot Ion: 70 Resp: 453310

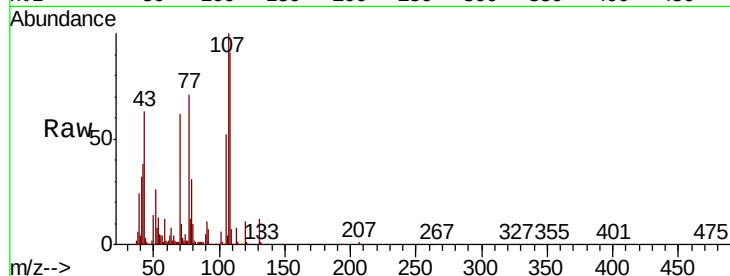
Ion Ratio Lower Upper

70 100

42 61.4 49.4 74.2

101 9.2 7.6 11.4

130 19.1 16.2 24.4

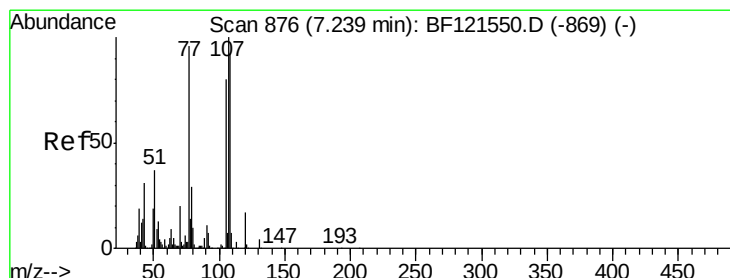
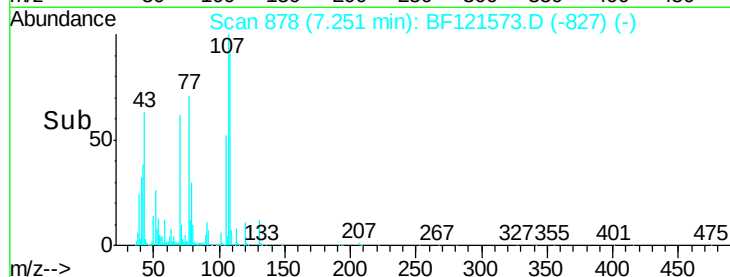
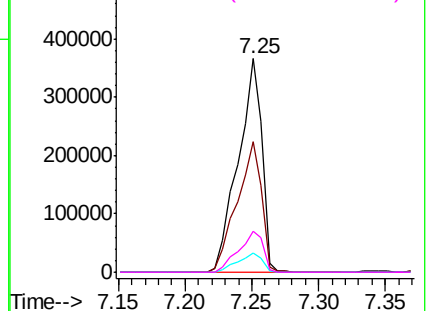


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 40.135 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Tgt Ion: 107 Resp: 619271

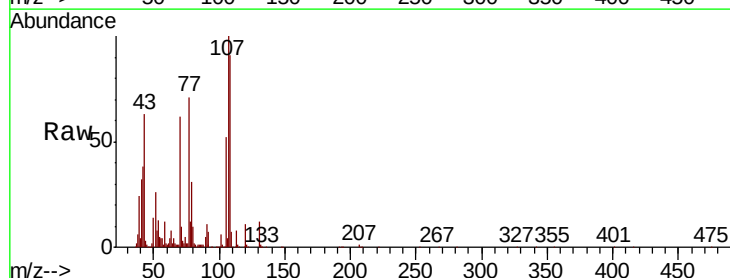
Ion Ratio Lower Upper

107 100

108 91.2 71.8 111.8

77 71.2 75.5 115.5#

79 30.7 9.2 49.2

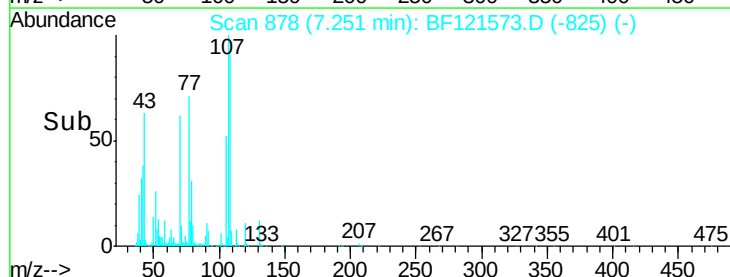
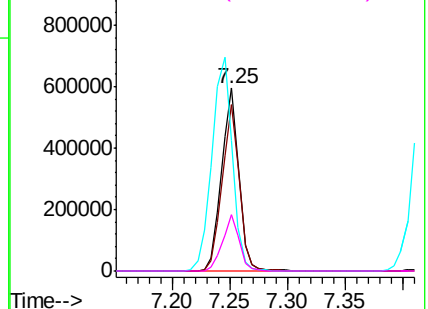


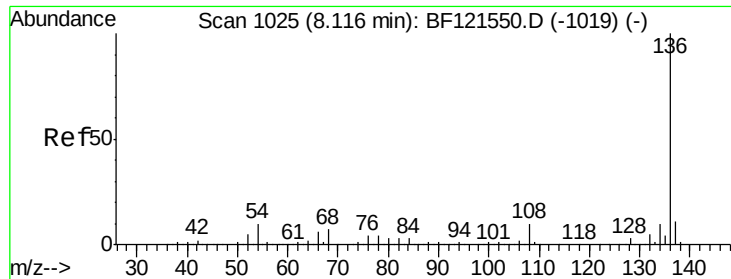
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

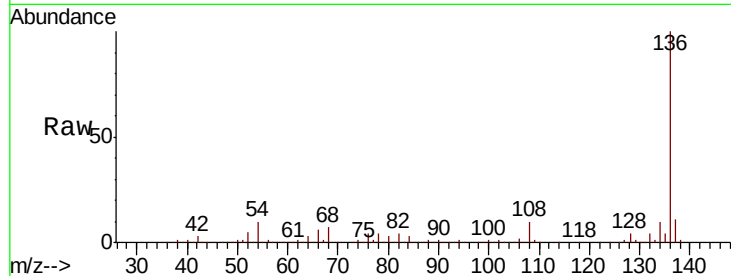




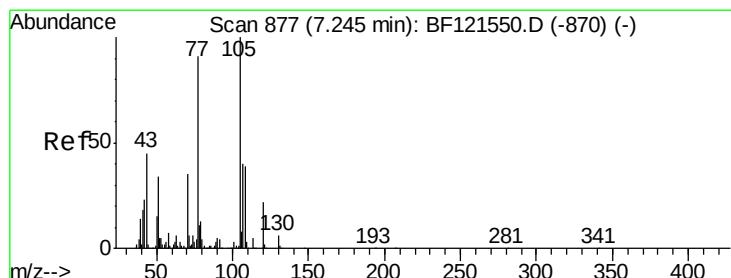
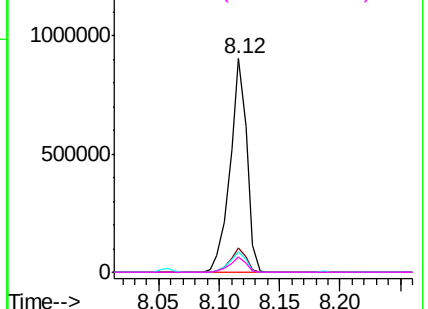
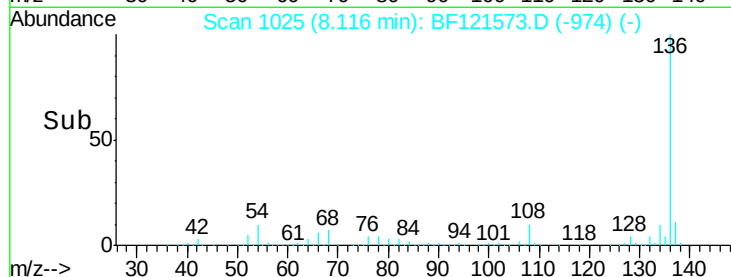
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampled :
357MS

Tot Ion:136	Resp:	864304	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.0	13.6	
54 9.7	7.6	11.4	
68 7.2	5.7	8.5	

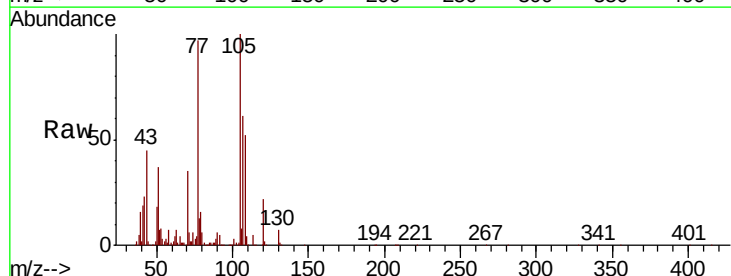


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

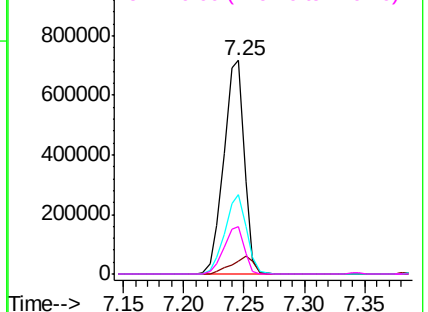
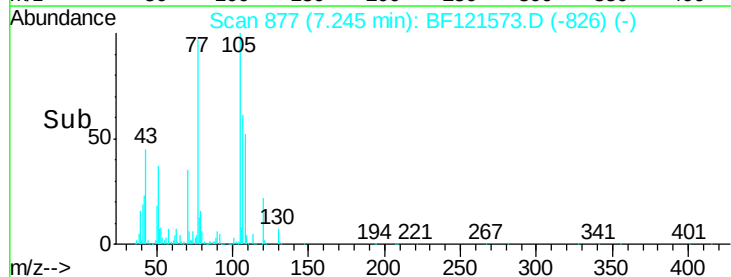


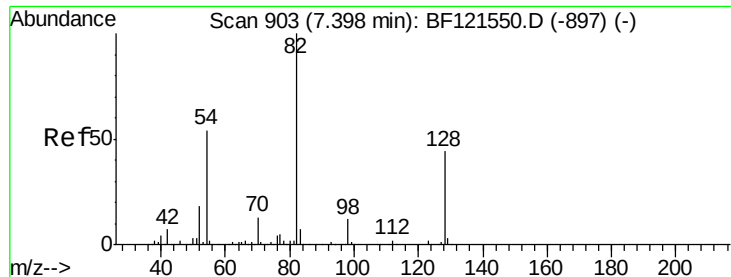
#22
Acetophenone
Concen: 38.381 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:105	Resp:	841648	
Ion Ratio	Lower	Upper	
105 100			
71 6.3	4.6	7.0	
51 37.0	27.6	41.4	
120 22.0	17.4	26.2	



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



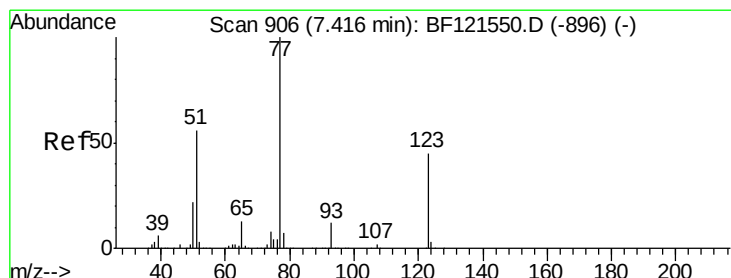
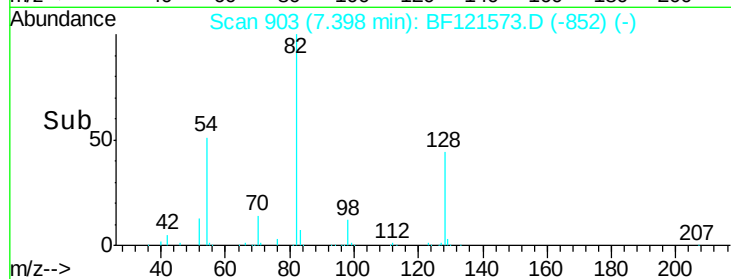
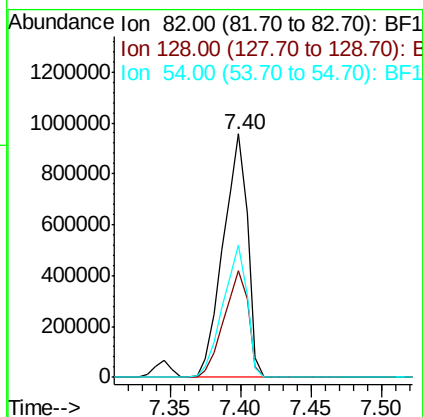
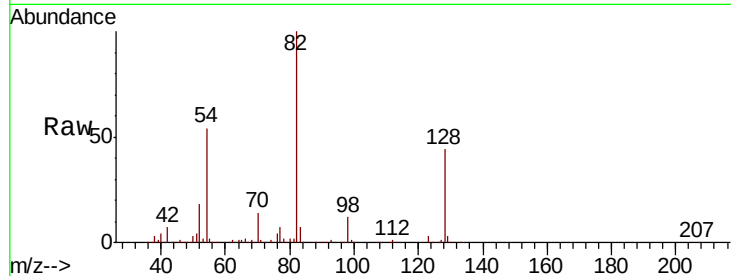


#23
 Nitrobenzene-d5
 Concen: 71.168 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Tot Ion: 82 Resp: 1145619

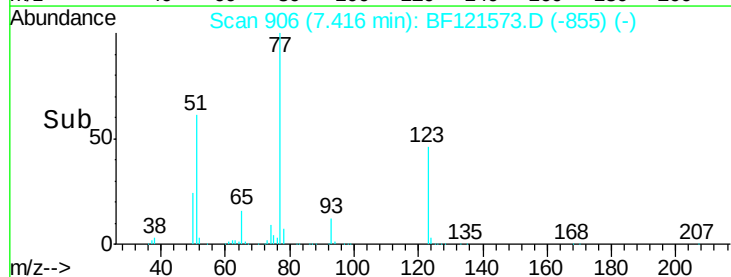
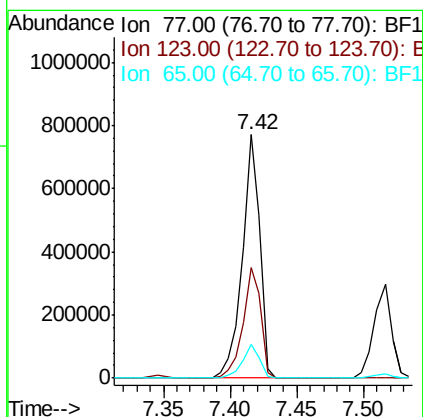
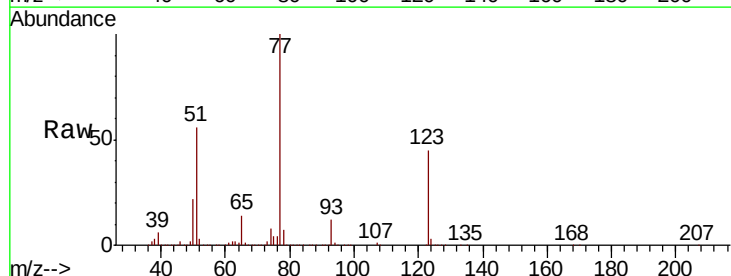
Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.1	52.7
54	54.3	43.0	64.6

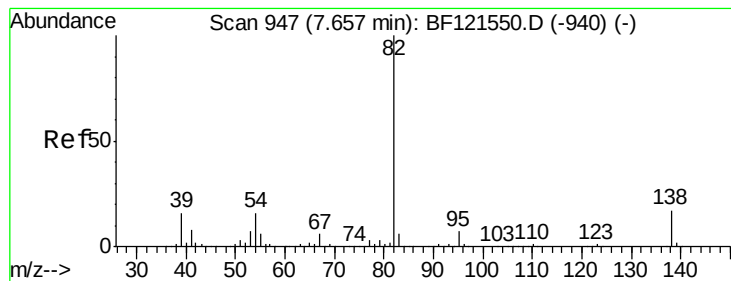


#24
 Nitrobenzene
 Concen: 40.117 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion: 77 Resp: 698460

Ion	Ratio	Lower	Upper
77	100		
123	45.4	35.8	53.8
65	13.8	10.7	16.1





#25

Isophorone

Concen: 39.568 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

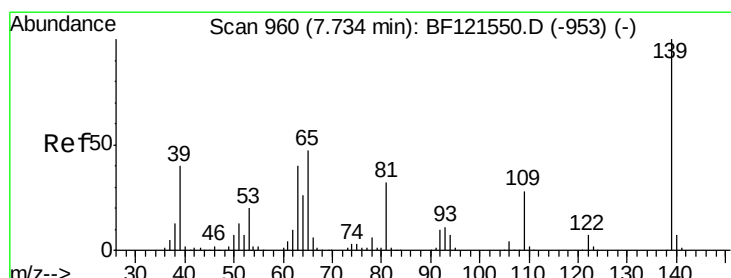
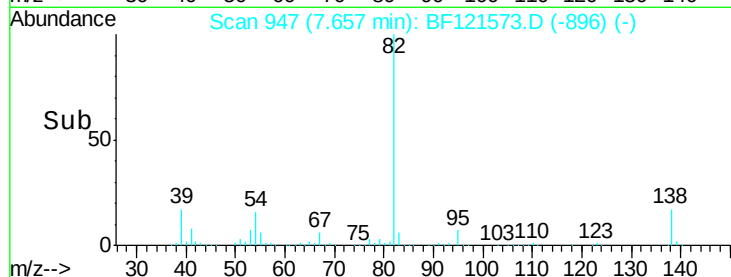
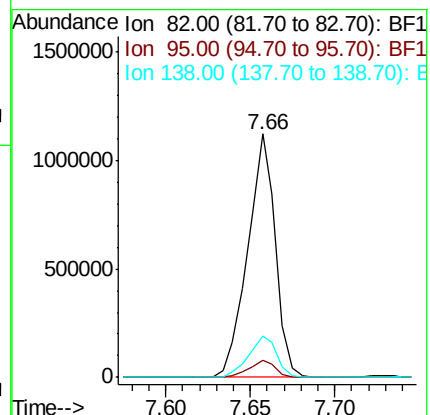
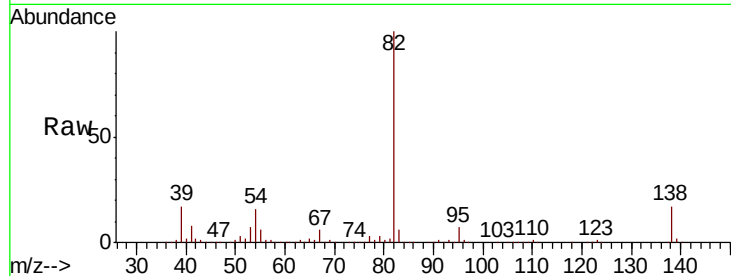
Tot Ion: 82 Resp: 1282168

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 16.9 13.7 20.5



#26

2-Nitrophenol

Concen: 40.257 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

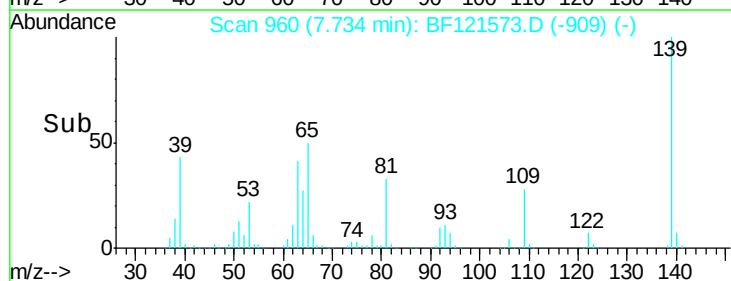
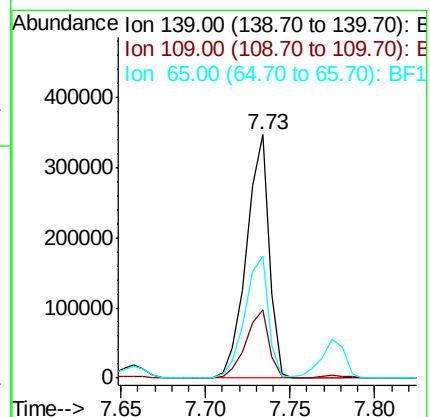
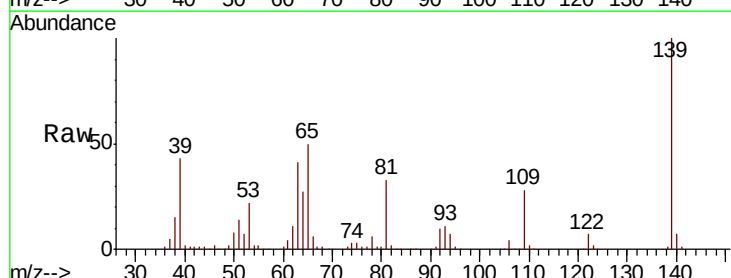
Tgt Ion: 139 Resp: 326388

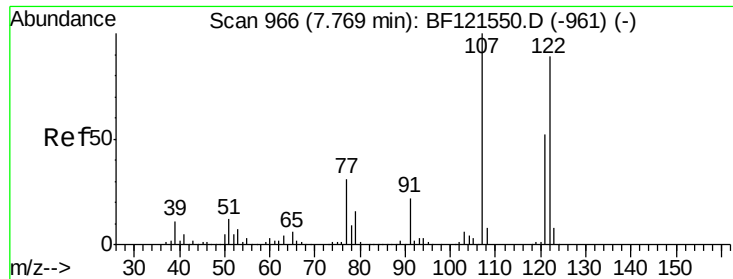
Ion Ratio Lower Upper

139 100

109 27.8 22.4 33.6

65 50.3 37.6 56.4

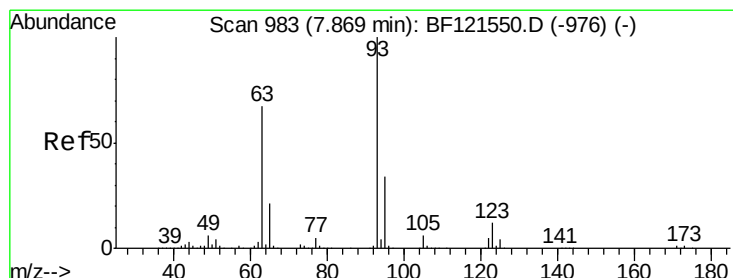
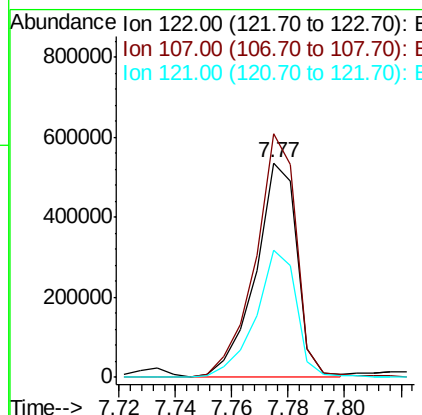
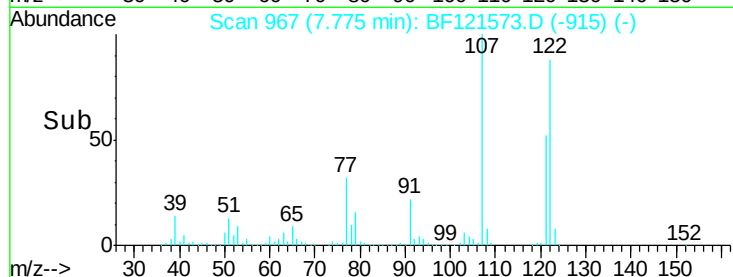
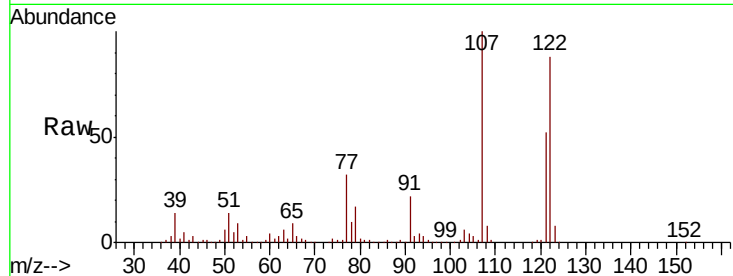




#27
 2,4-Dimethylphenol
 Concen: 37.867 ng
 RT: 7.77 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

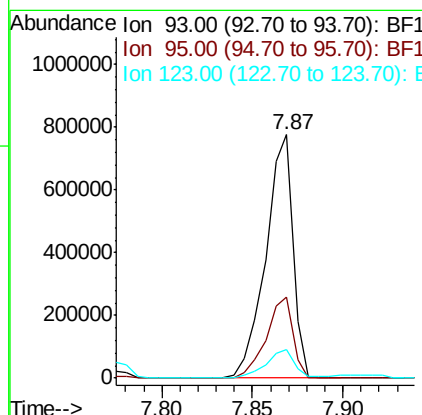
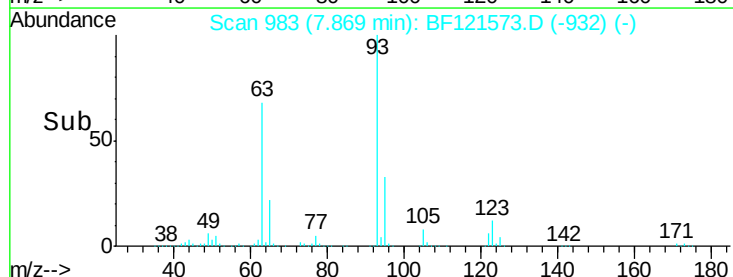
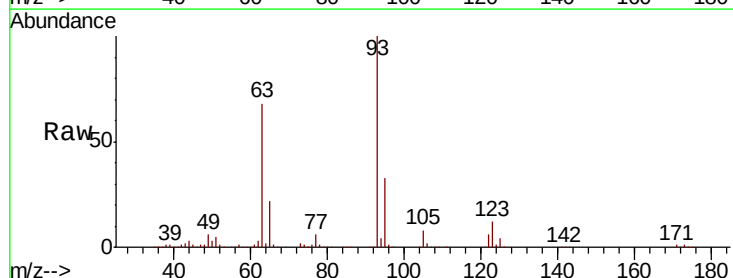
Instrument :
 BNA_F
 ClientSampleId :
 357MS

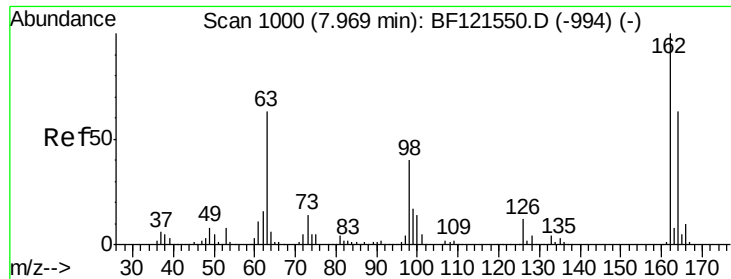
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.4	89.5	134.3
121	59.1	46.6	70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.448 ng
 RT: 7.87 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	11.7	9.7	14.5

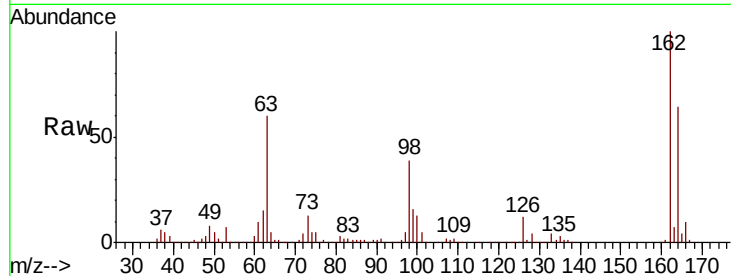




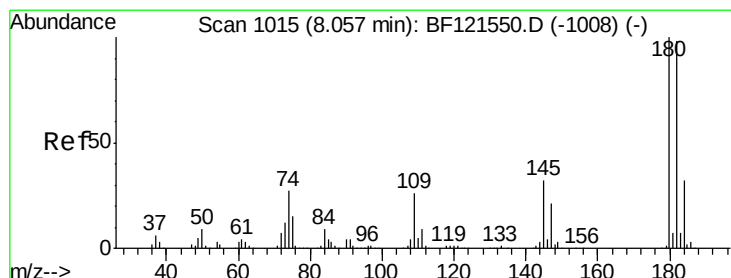
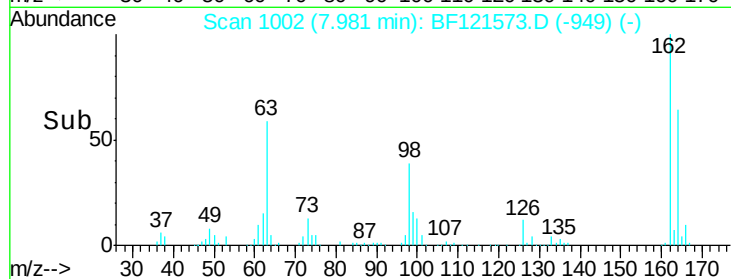
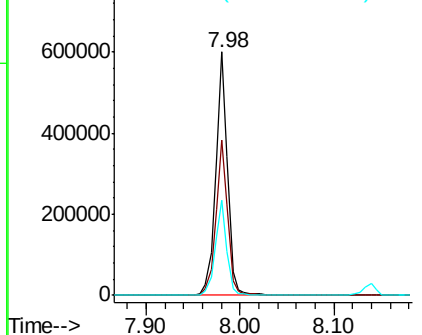
#29
 2,4-Dichlorophenol
 Concen: 40.719 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.5	83.5
98	39.0	20.2	60.2

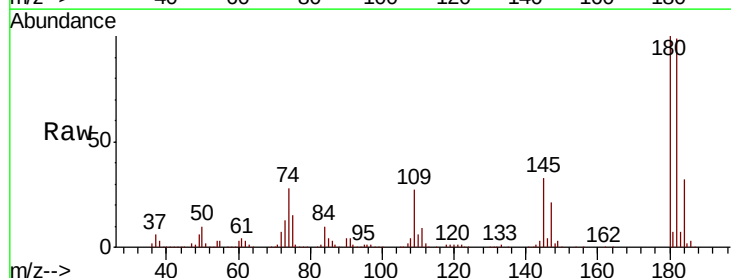


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

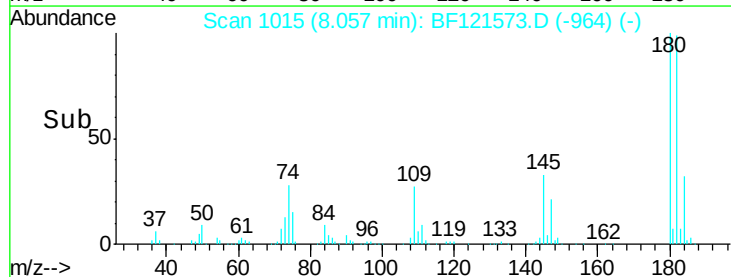
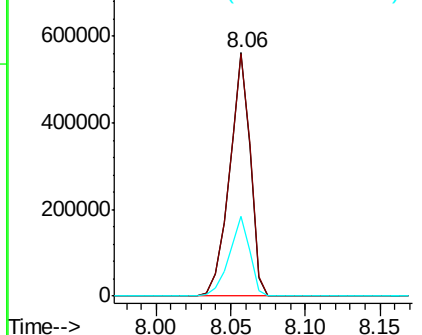


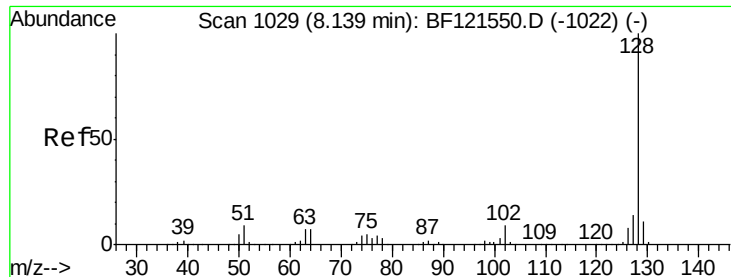
#30
 1,2,4-Trichlorobenzene
 Concen: 39.558 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	78.7	118.1
145	32.7	26.0	39.0



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

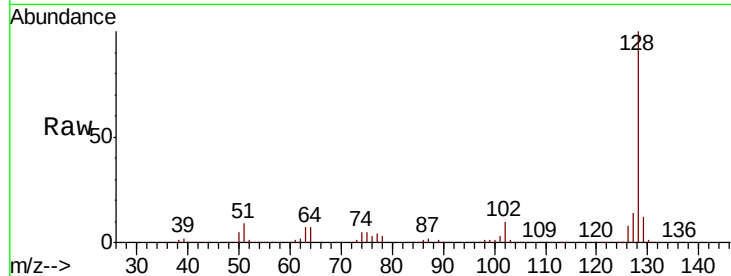




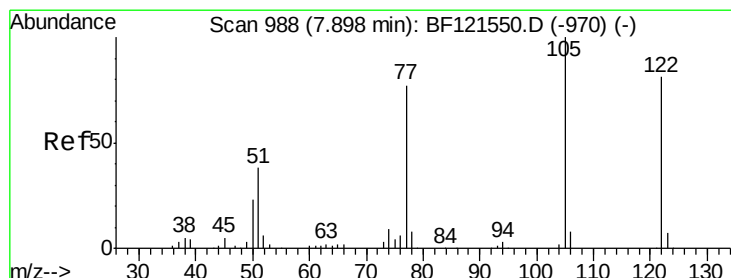
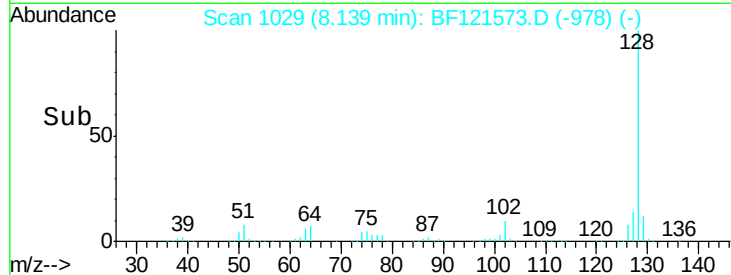
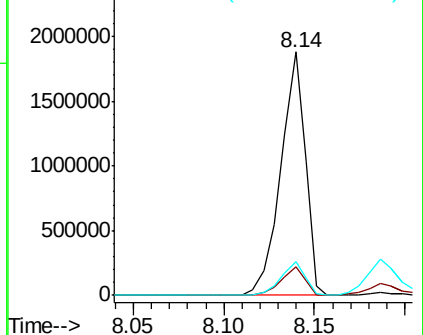
#31
Naphthalene
Concen: 38.833 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion:128 Resp: 1771784
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.7 11.0 16.6

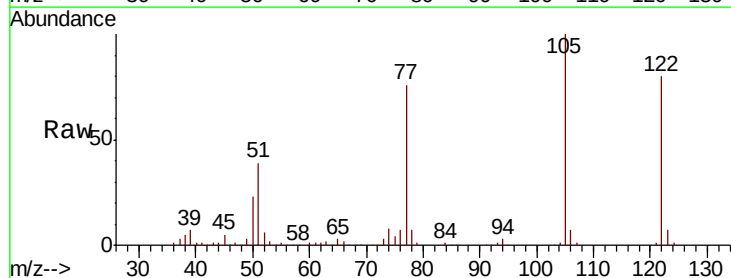


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

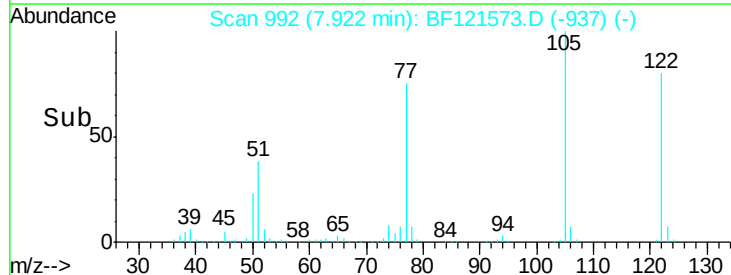
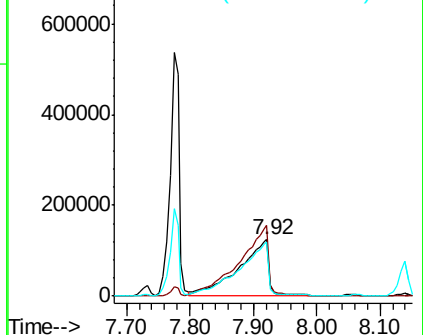


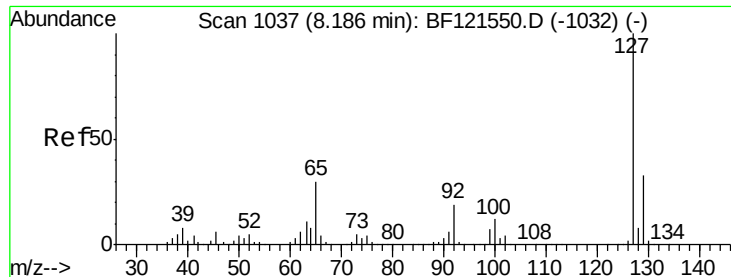
#32
Benzoic acid
Concen: 39.792 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.02 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:122 Resp: 414478
Ion Ratio Lower Upper
122 100
105 124.7 100.5 140.5
77 95.2 72.6 112.6



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

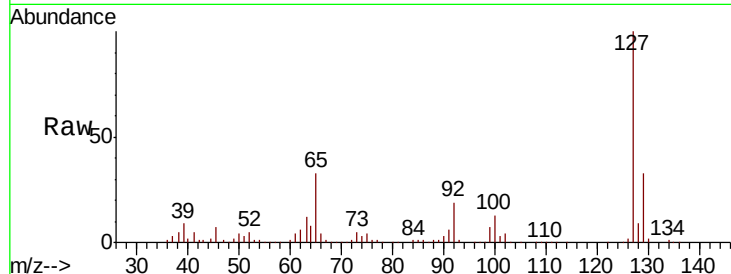




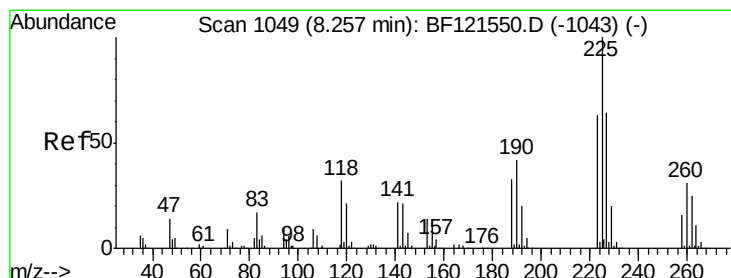
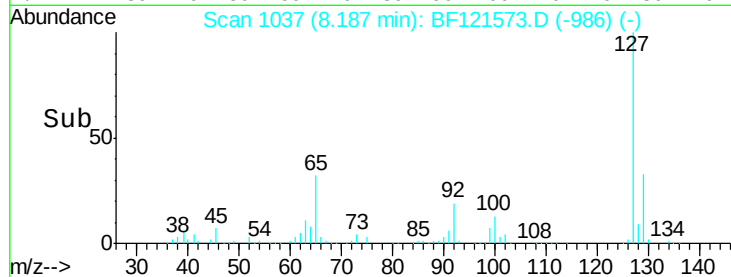
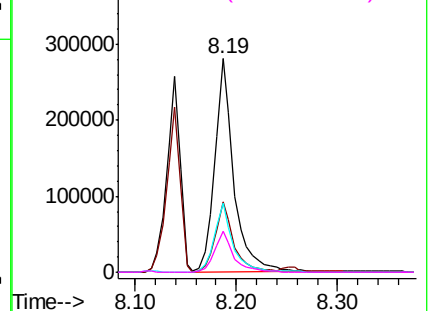
#33
4-Chloroaniline
Concen: 18.456 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion:	127	Resp:	365008
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	32.7	24.4	36.6
92	19.3	15.4	23.2

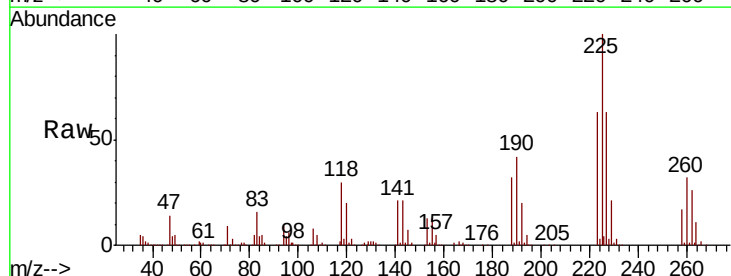


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

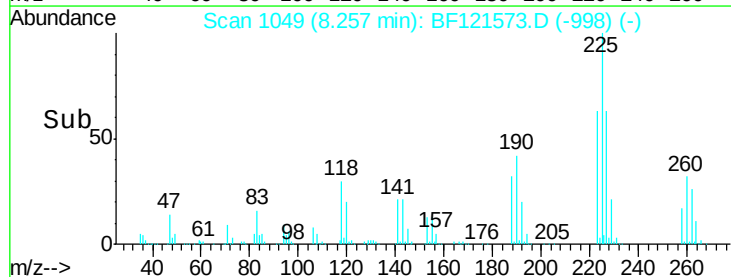
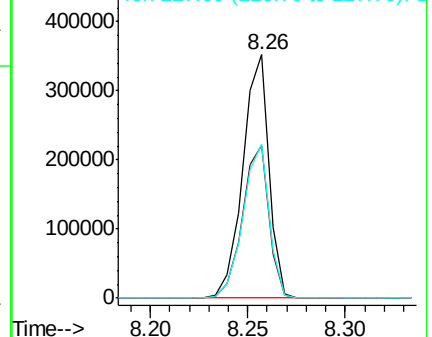


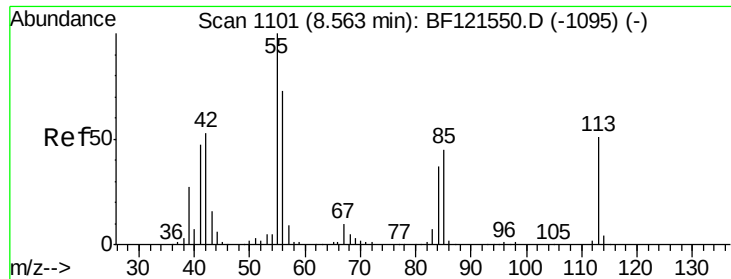
#34
Hexachlorobutadiene
Concen: 40.038 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:	225	Resp:	326079
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	63.1	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

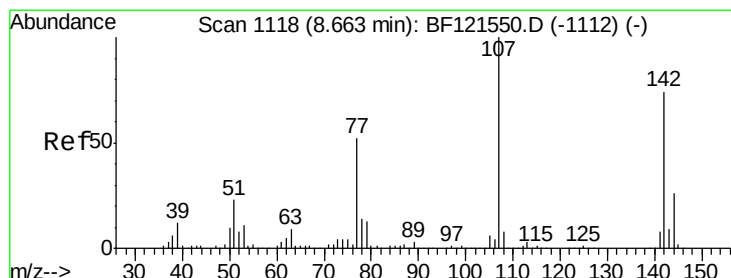
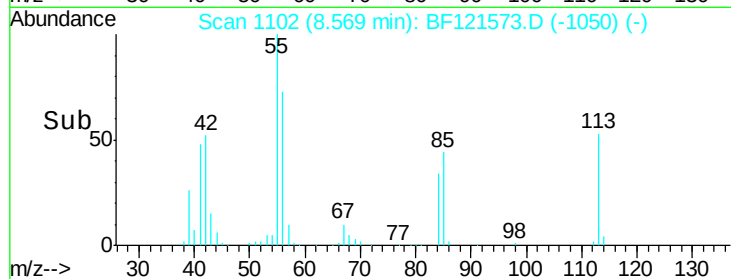
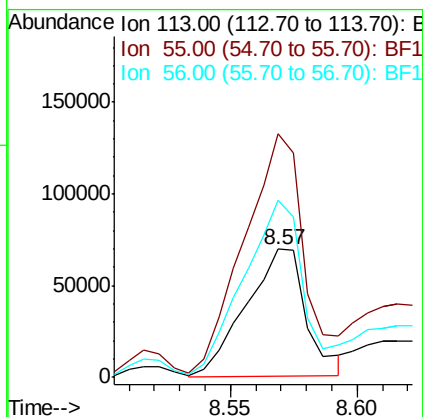
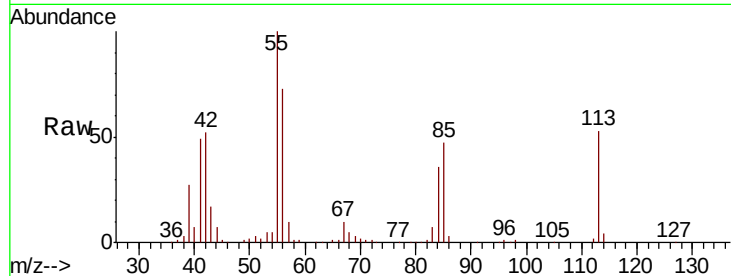




#35
Caprolactam
Concen: 26.285 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

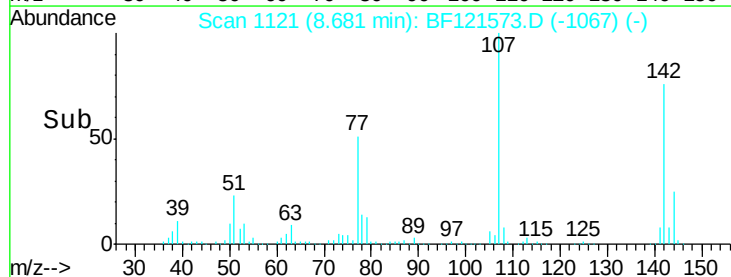
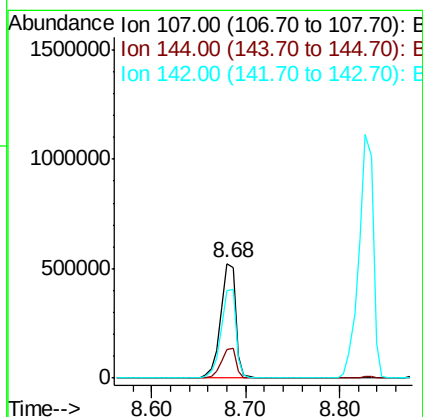
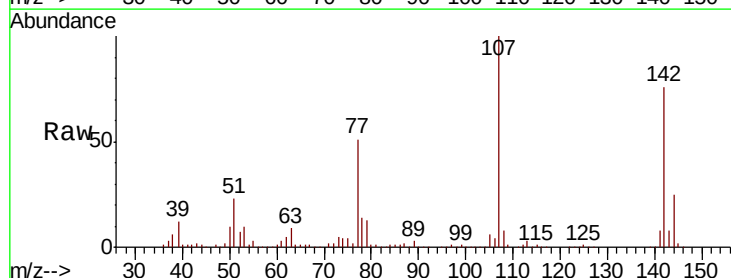
Instrument :
BNA_F
ClientSampleId :
357MS

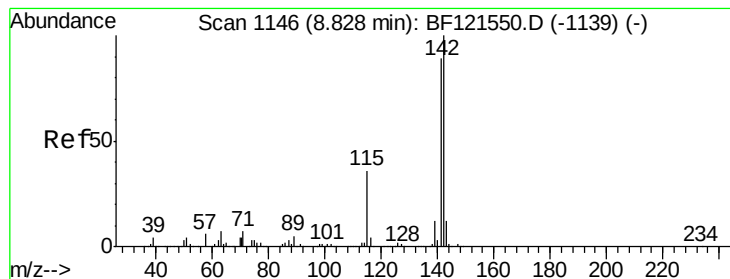
Tot Ion:113 Resp: 115321
Ion Ratio Lower Upper
113 100
55 189.8 176.2 216.2
56 137.7 123.9 163.9



#36
4-Chloro-3-methylphenol
Concen: 41.533 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.02 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:107 Resp: 589451
Ion Ratio Lower Upper
107 100
144 25.3 20.5 30.7
142 76.2 59.5 89.3





#37

2-Methylnaphthalene

Concen: 39.535 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

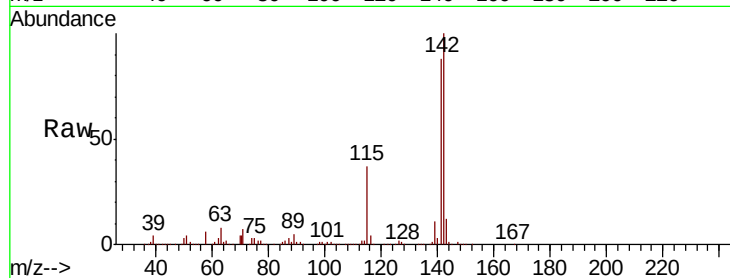
Tot Ion:142 Resp: 1182087

Ion Ratio Lower Upper

142 100

141 87.9 71.5 107.3

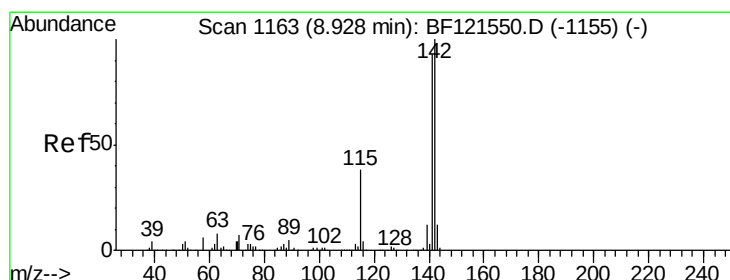
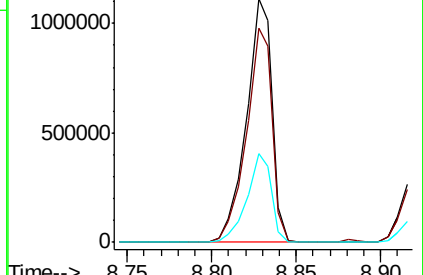
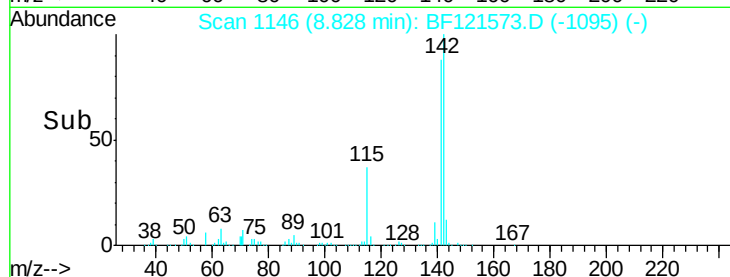
115 36.5 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

1500000 Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.395 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

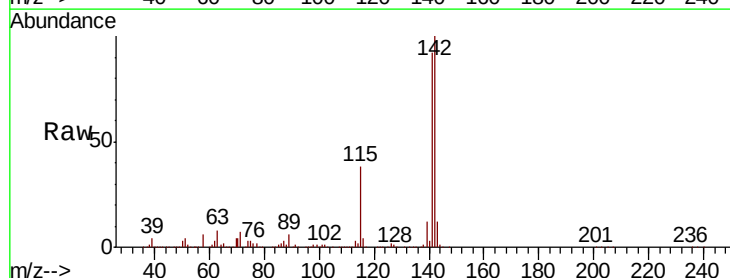
Tgt Ion:142 Resp: 1096245

Ion Ratio Lower Upper

142 100

141 92.0 74.8 112.2

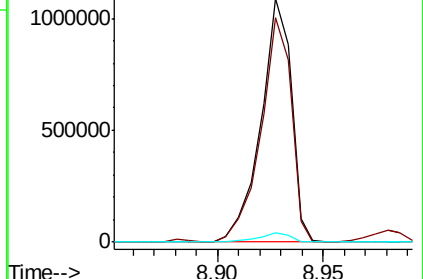
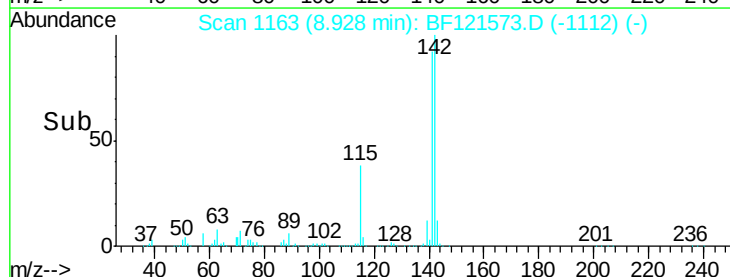
116 4.0 3.0 4.6

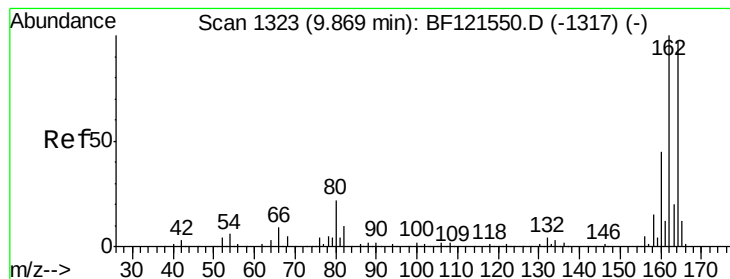


Abundance Ion 142.00 (141.70 to 142.70): E

1500000 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: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

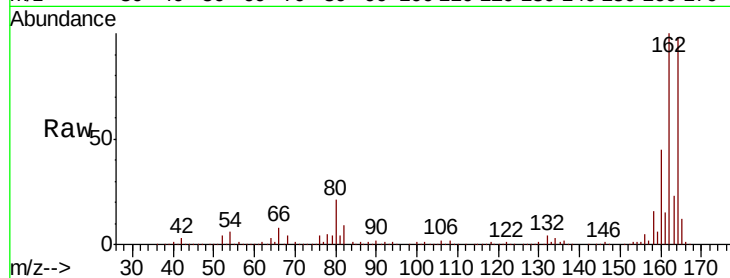
Tot Ion:164 Resp: 459874

Ion Ratio Lower Upper

164 100

162 102.0 82.3 123.5

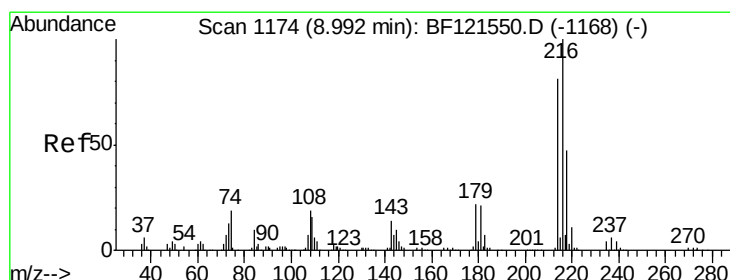
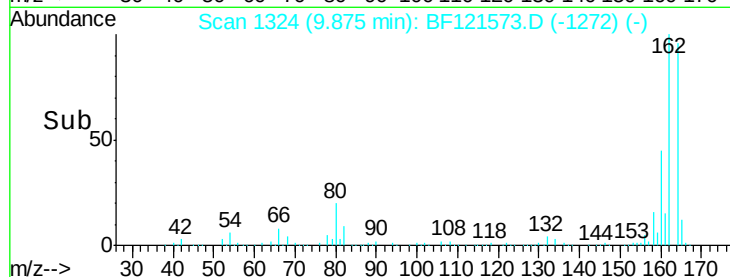
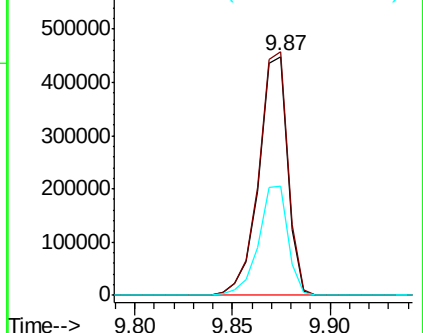
160 45.7 37.0 55.4



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: 38.008 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Tgt Ion:216 Resp: 545978

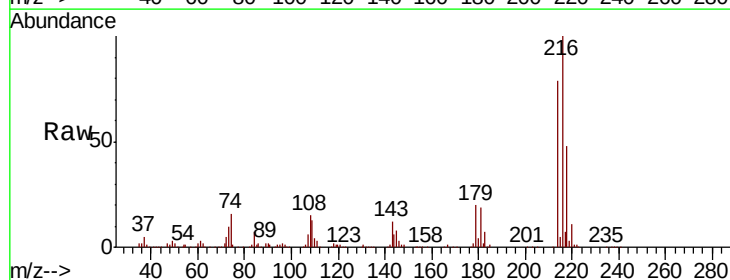
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.8

179 20.4 16.6 25.0

108 20.5 15.8 23.6

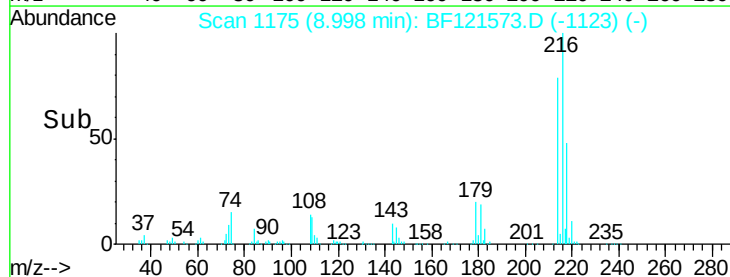
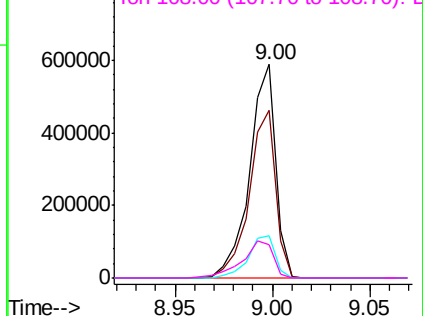


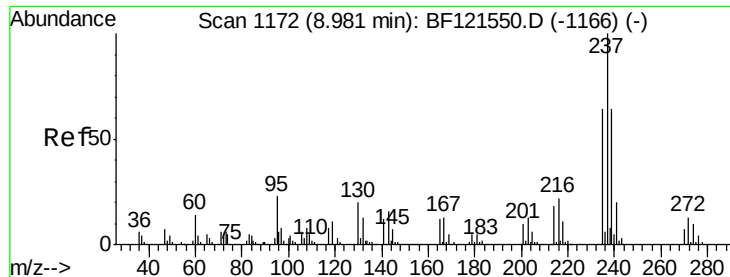
Abundance Ion 216.00 (215.70 to 216.70): E

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

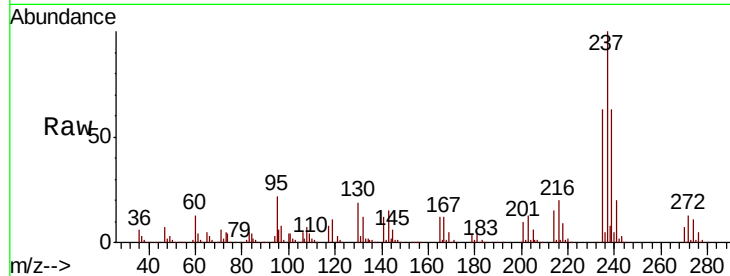




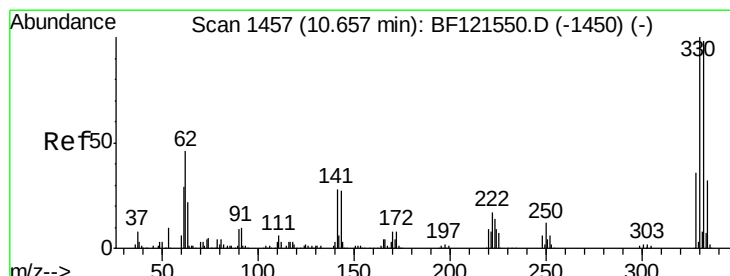
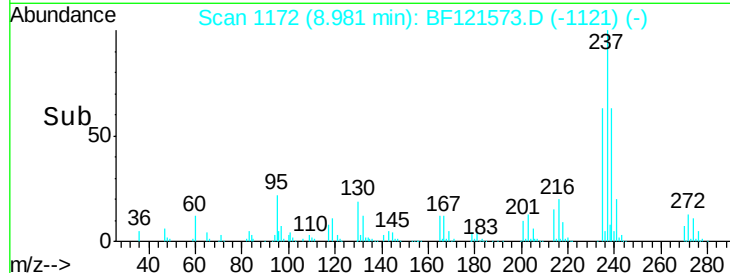
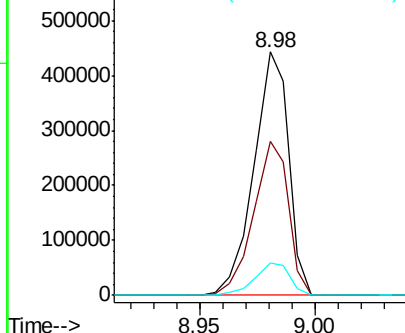
#41
Hexachlorocyclopentadiene
Concen: 56.754 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.4	44.0	84.0
272	13.1	0.0	33.4

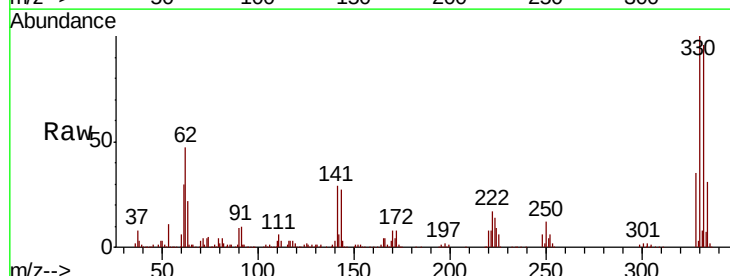


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

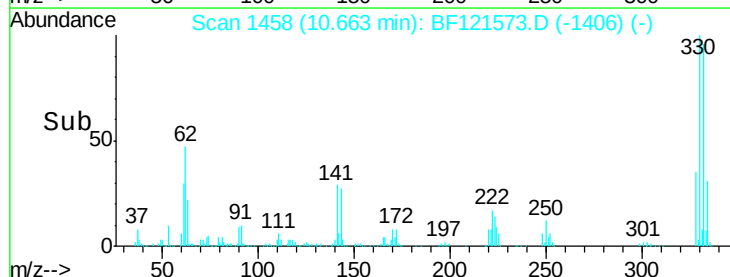
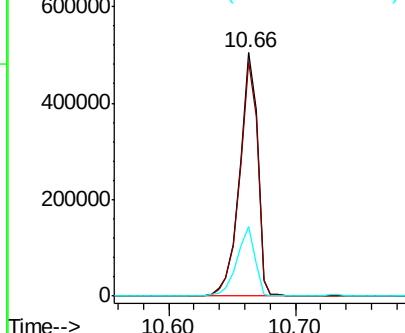


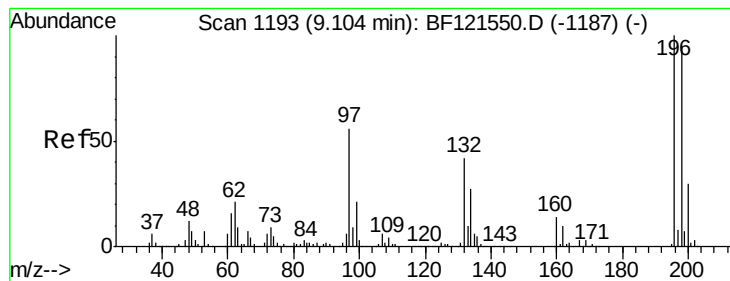
#42
2,4,6-Tribromophenol
Concen: 85.635 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	28.9	23.6	35.4



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





#43

2,4,6-Trichlorophenol

Concen: 40.480 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

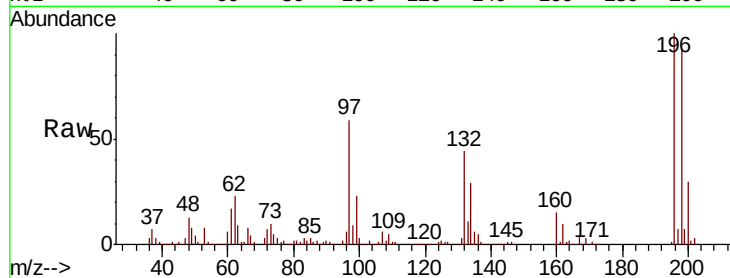
Tot Ion:196 Resp: 396352

Ion Ratio Lower Upper

196 100

198 93.0 75.6 113.4

200 29.8 24.0 36.0

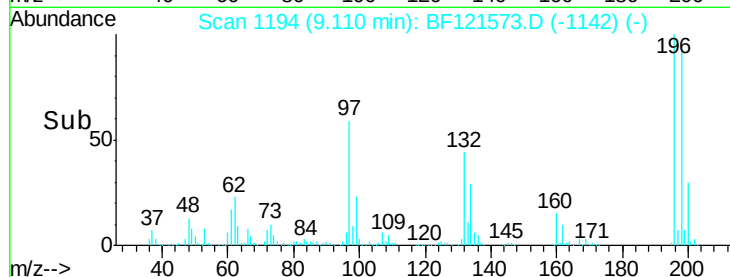


Abundance Ion 196.00 (195.70 to 196.70): E

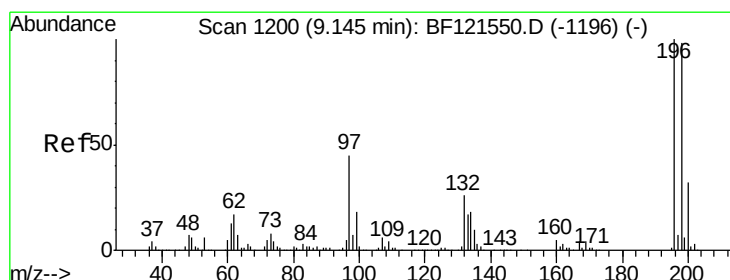
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

Time-->



Time-->



#44

2,4,5-Trichlorophenol

Concen: 41.260 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Tgt Ion:196 Resp: 427088

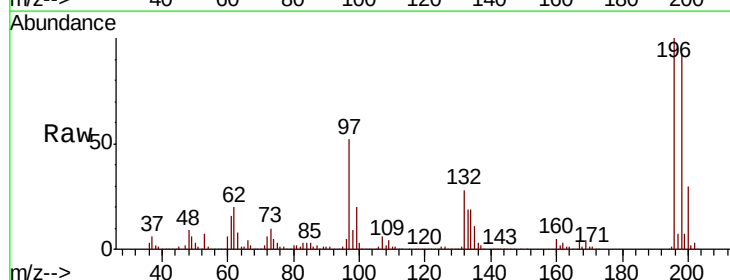
Ion Ratio Lower Upper

196 100

198 93.3 78.1 117.1

97 51.8 36.8 55.2

132 28.4 20.9 31.3



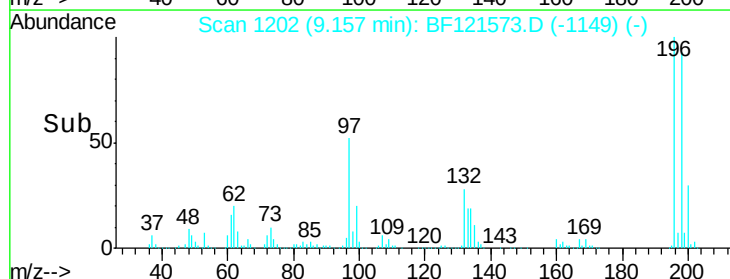
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

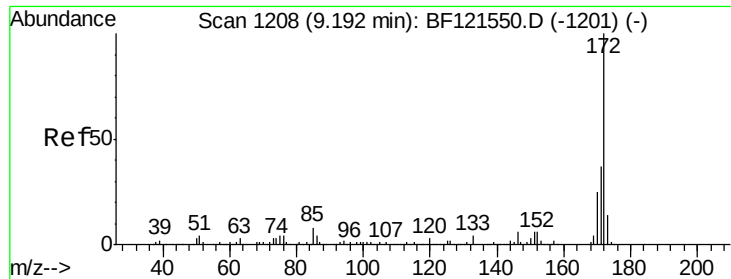
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

Time-->



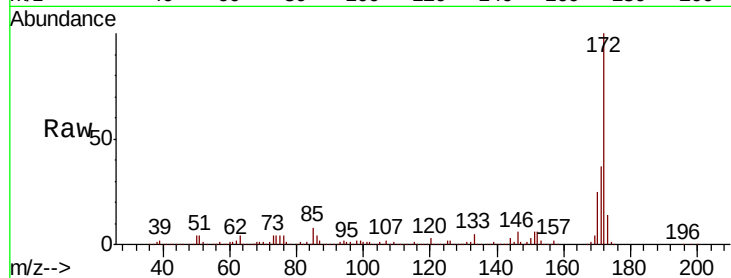
Time-->



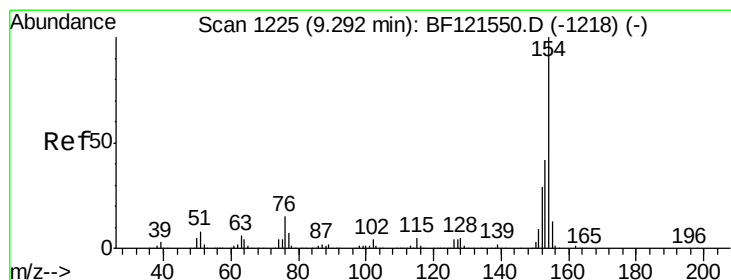
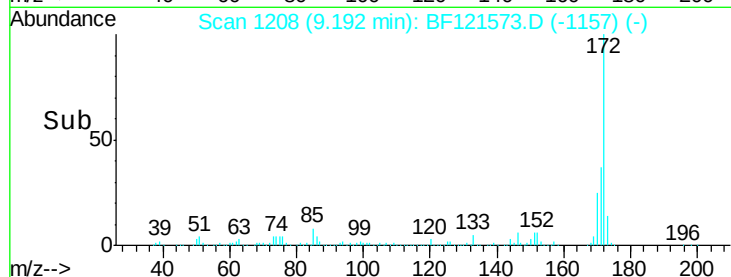
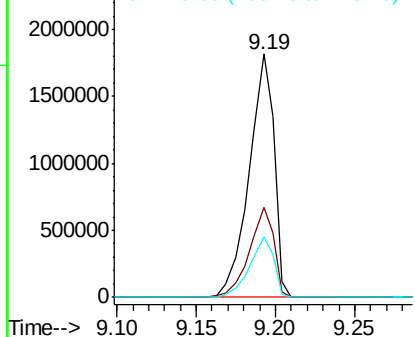
#45
2-Fluorobiphenyl
Concen: 65.014 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion:172 Resp: 1974103
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 25.0 19.8 29.8

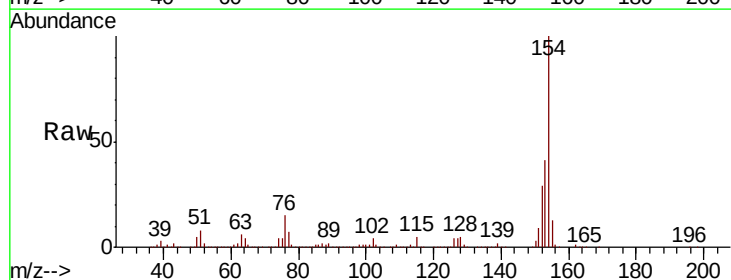


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

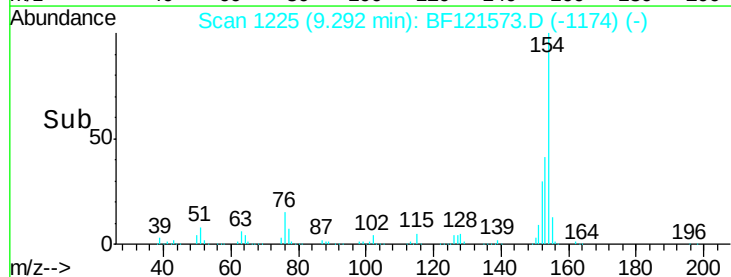
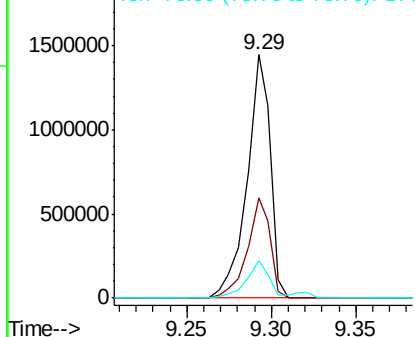


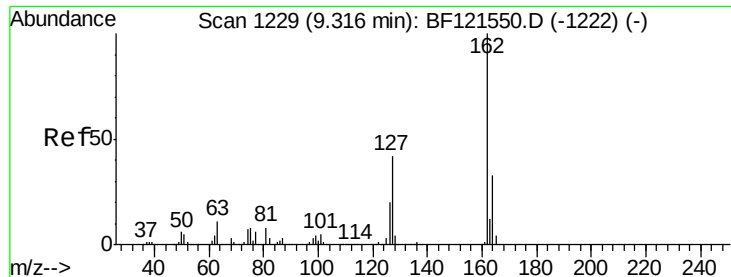
#46
1,1'-Biphenyl
Concen: 37.879 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:154 Resp: 1394561
Ion Ratio Lower Upper
154 100
153 41.0 21.7 61.7
76 15.5 0.0 35.5



Abundance Ion 154.00 (153.70 to 154.70): E
2000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

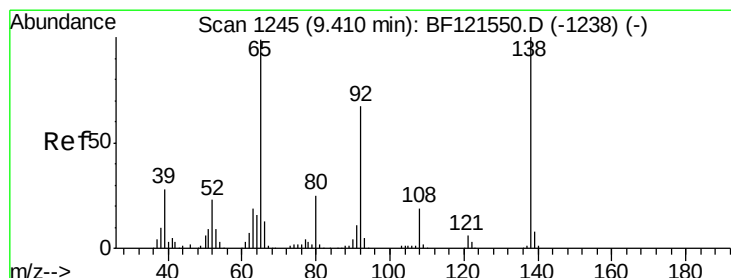
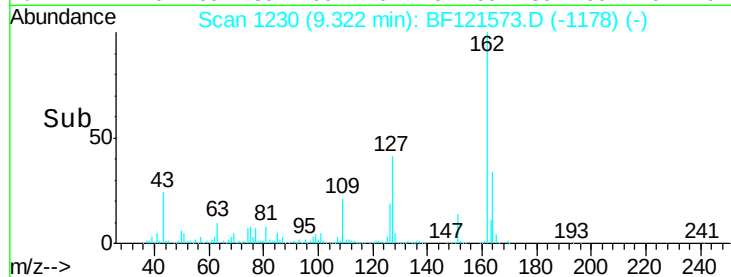
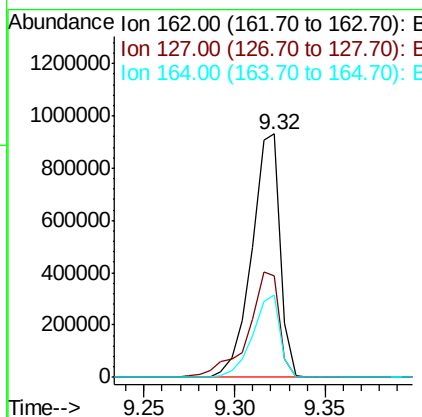
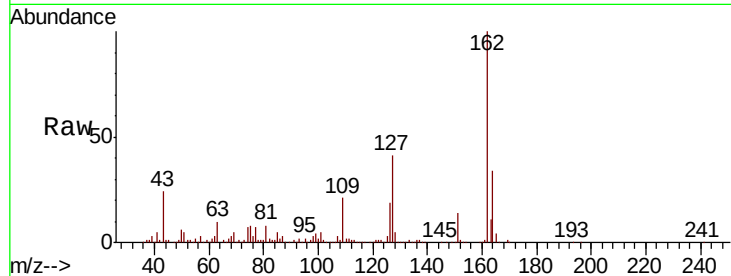




#47
 2-Chloronaphthalene
 Concen: 34.797 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

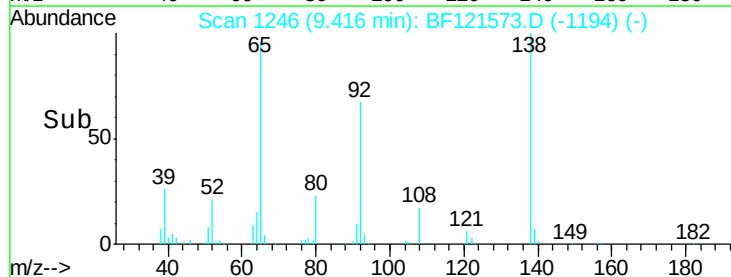
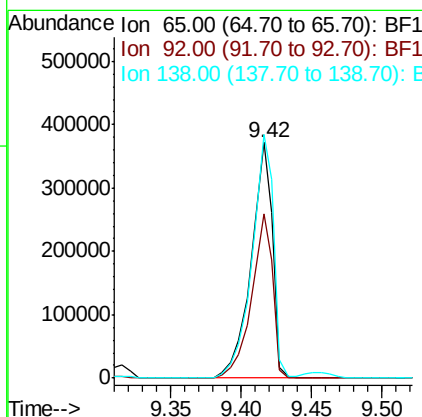
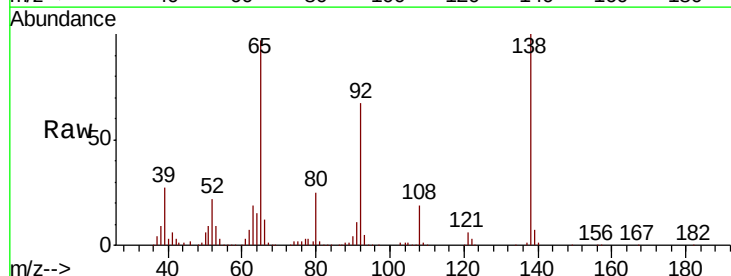
Instrument :
 BNA_F
 ClientSampleId :
 357MS

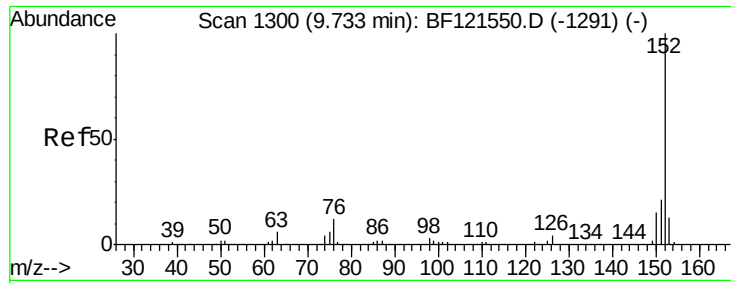
Tot Ion:162 Resp: 1009518
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.9 50.9
 164 33.6 26.7 40.1



#48
 2-Nitroaniline
 Concen: 43.940 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion: 65 Resp: 396138
 Ion Ratio Lower Upper
 65 100
 92 69.7 54.2 81.4
 138 103.4 80.8 121.2





#49

Acenaphthylene

Concen: 38.641 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

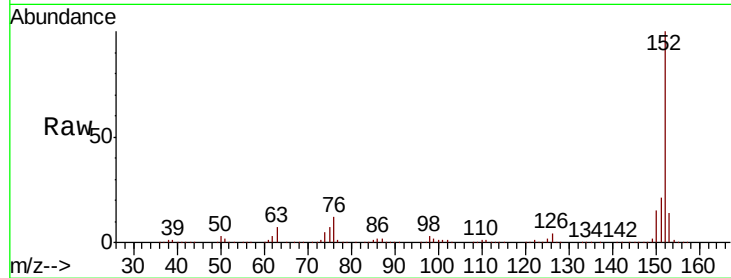
Tot Ion:152 Resp: 1722457

Ion Ratio Lower Upper

152 100

151 21.0 16.6 24.8

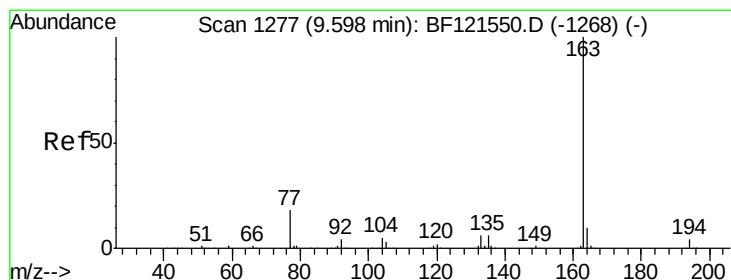
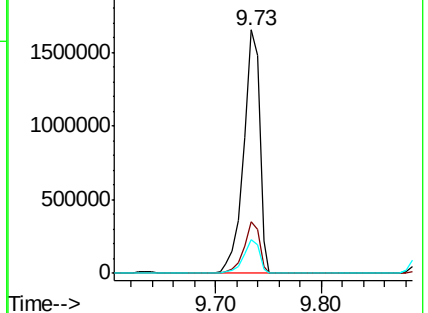
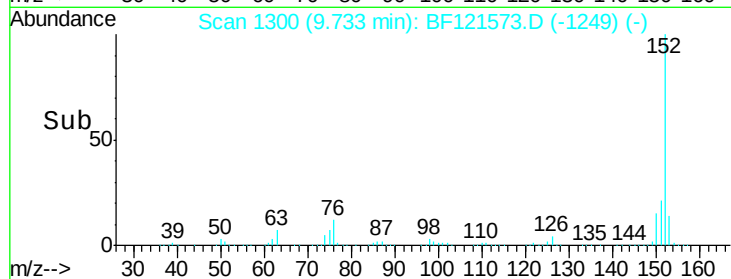
153 13.7 10.7 16.1



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: 51.886 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

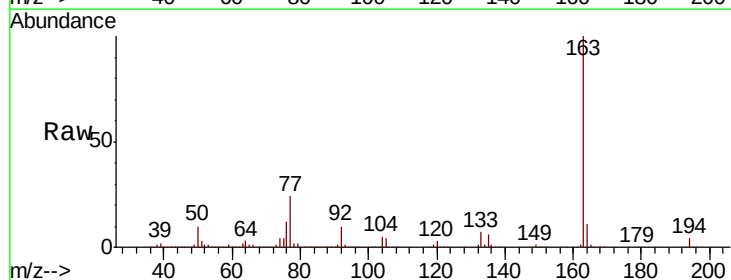
Tgt Ion:163 Resp: 1729426

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

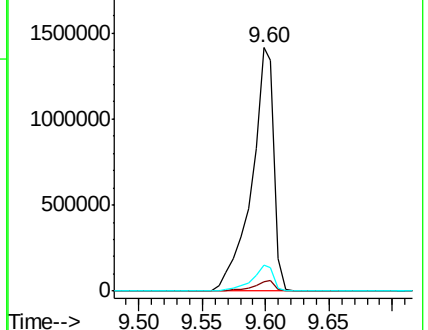
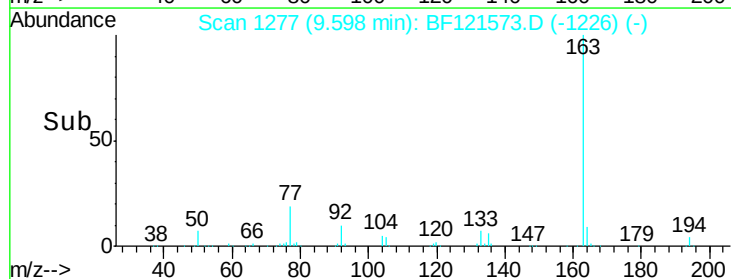
164 10.9 7.9 11.9

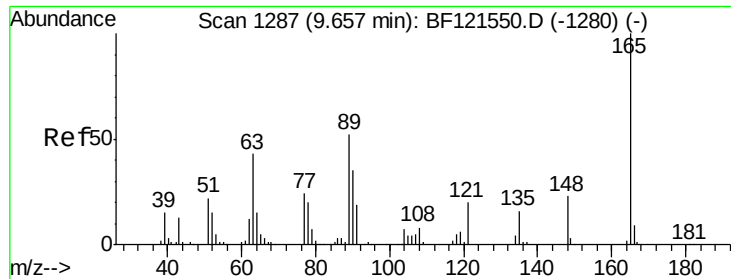


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

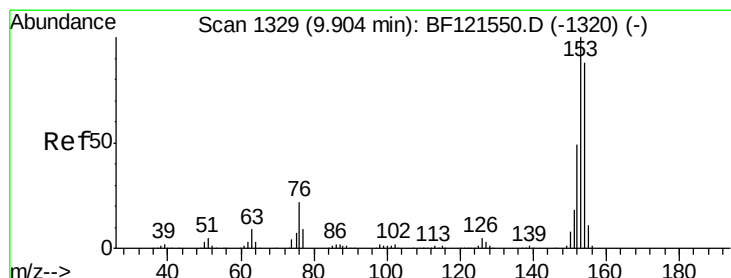
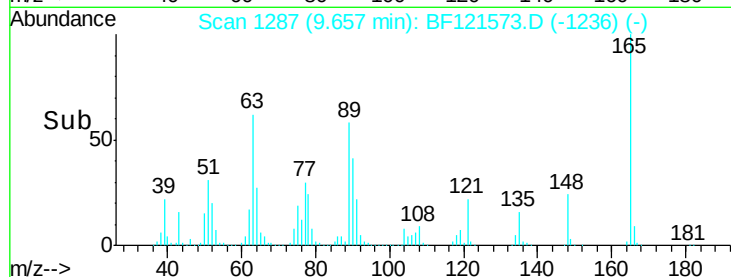
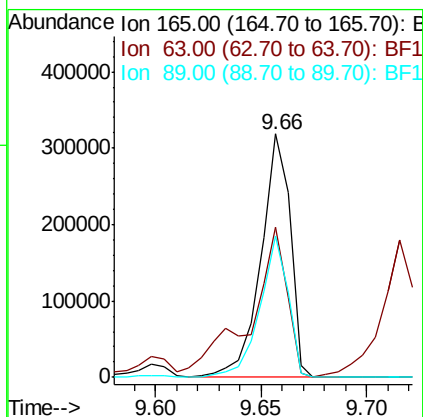
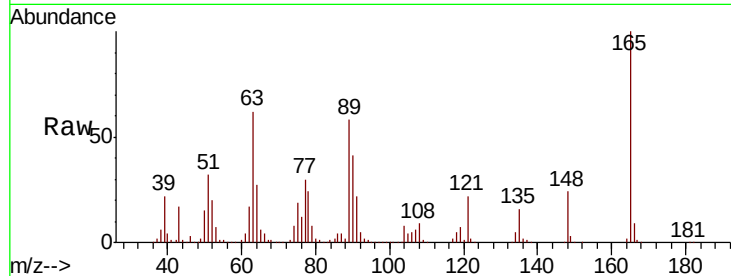




#51
 2,6-Dinitrotoluene
 Concen: 43.420 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

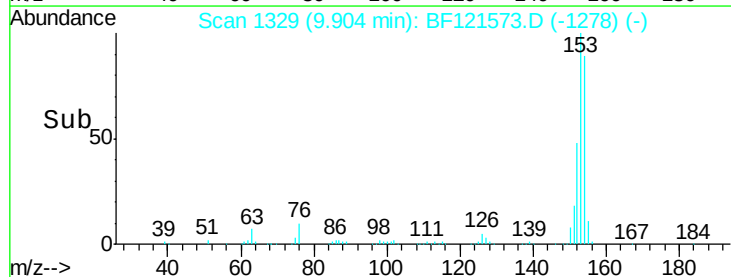
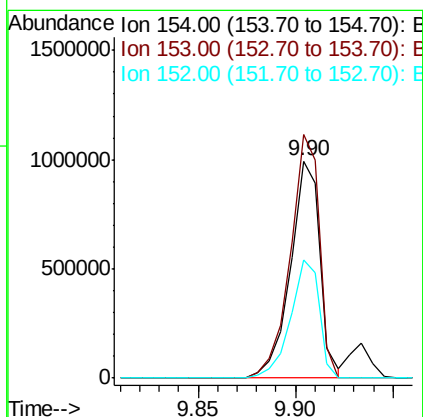
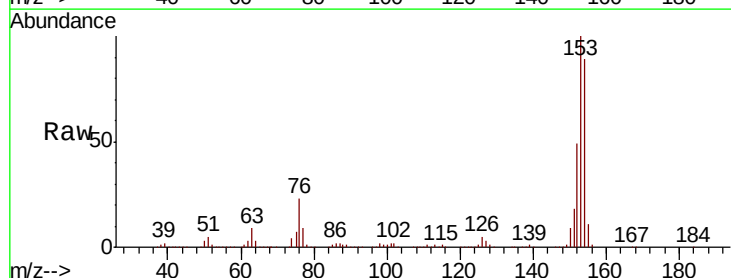
Instrument :
 BNA_F
 ClientSampled :
 357MS

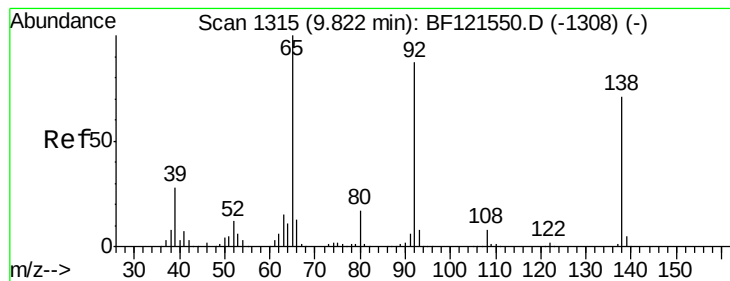
Tot Ion:165 Resp: 308213
 Ion Ratio Lower Upper
 165 100
 63 61.8 40.6 61.0#
 89 58.2 41.8 62.8



#52
 Acenaphthene
 Concen: 36.849 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion:154 Resp: 1037468
 Ion Ratio Lower Upper
 154 100
 153 112.1 91.0 136.4
 152 54.5 44.2 66.2





#53

3-Nitroaniline

Concen: 26.150 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

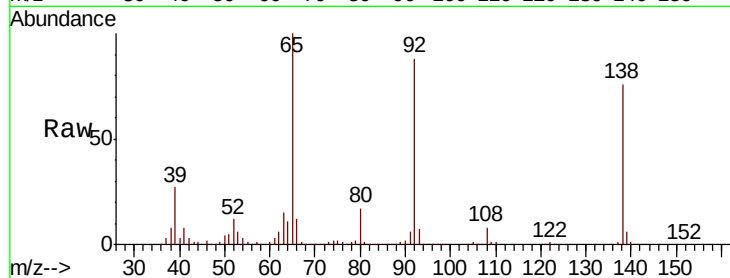
Tot Ion:138 Resp: 215035

Ion Ratio Lower Upper

138 100

108 10.7 9.0 13.6

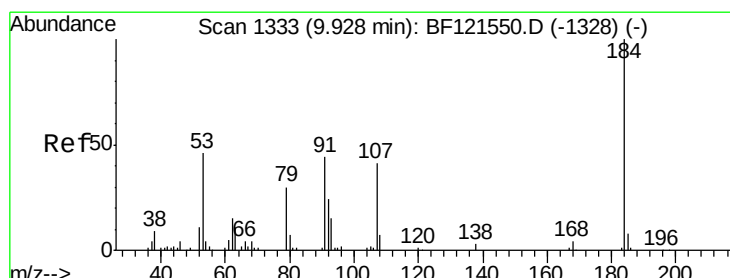
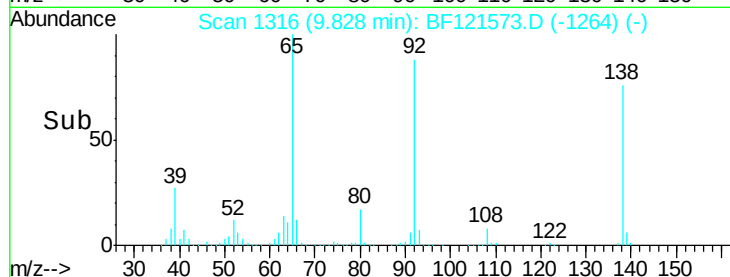
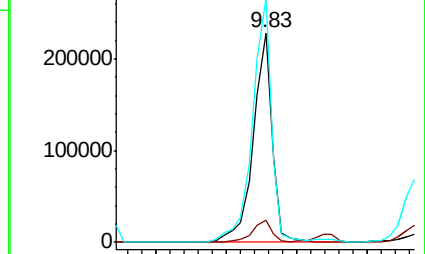
92 116.5 97.4 146.0



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: 60.833 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

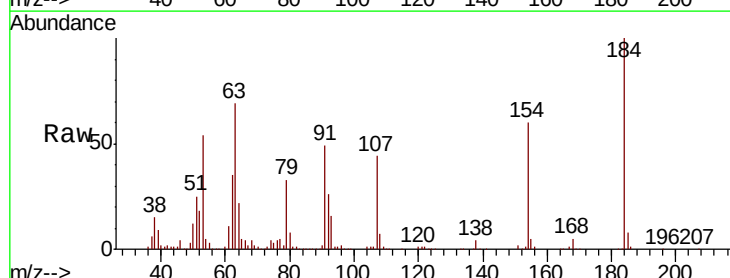
Tgt Ion:184 Resp: 239050

Ion Ratio Lower Upper

184 100

63 69.1 47.7 71.5

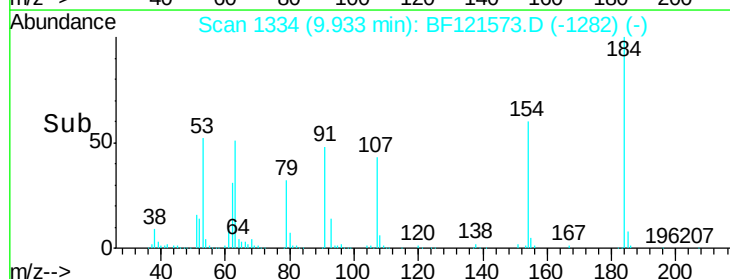
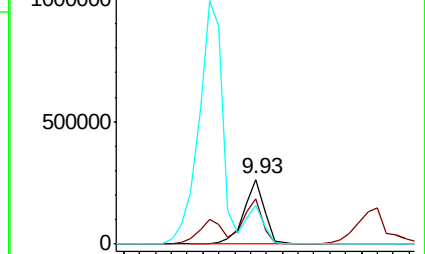
154 59.8 47.2 70.8

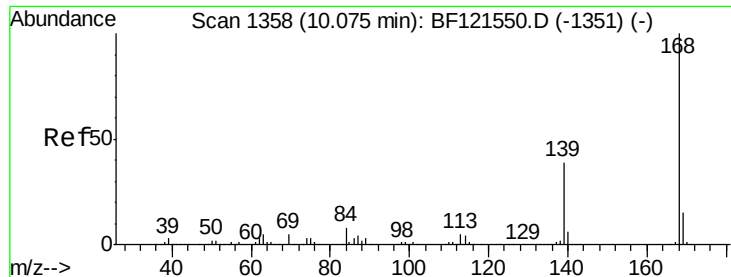


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

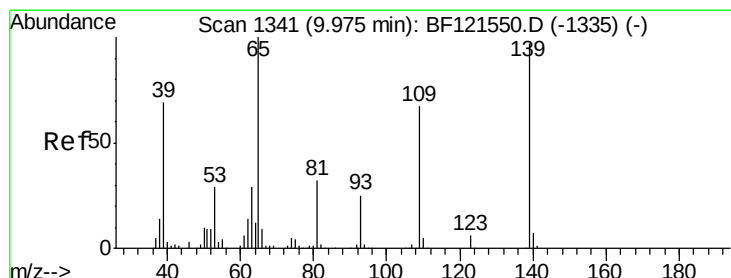
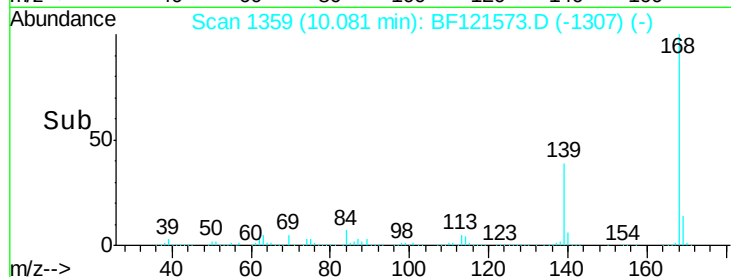
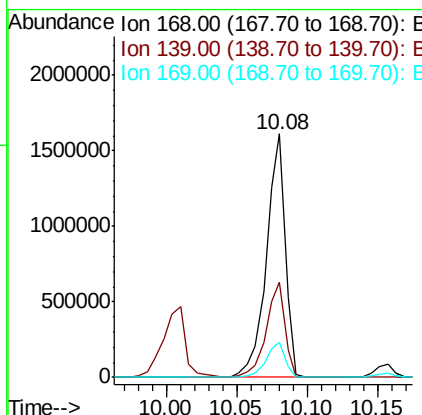
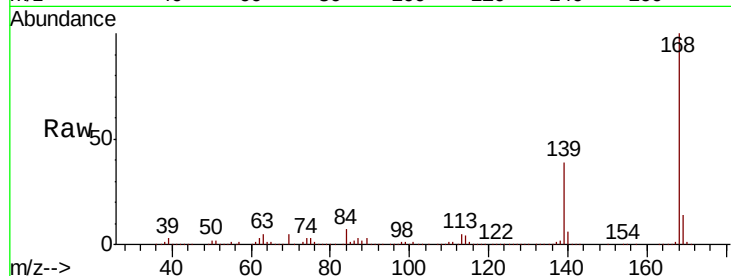




#55
Dibenzofuran
Concen: 38.409 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

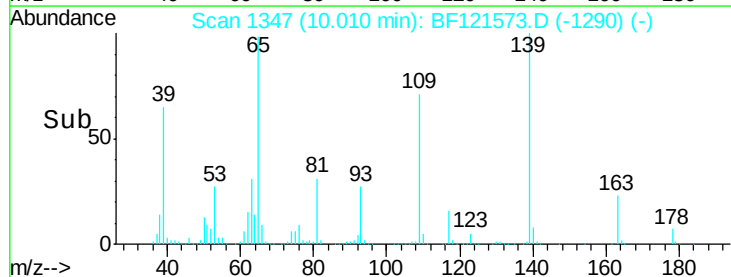
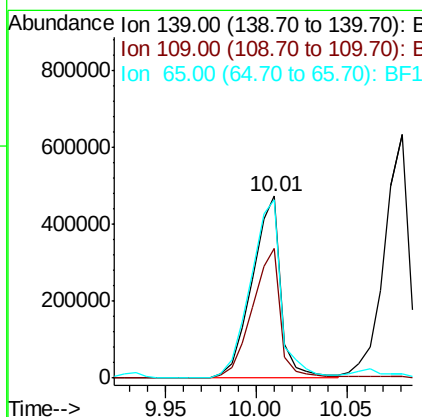
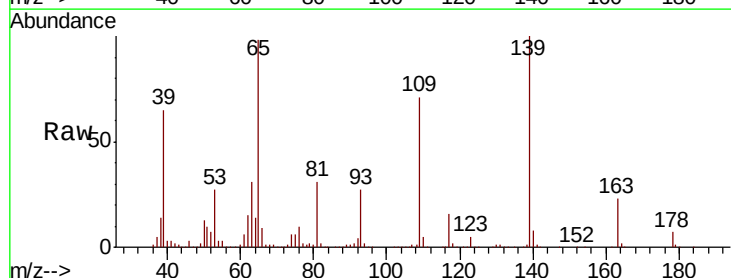
Instrument :
BNA_F
ClientSampleId :
357MS

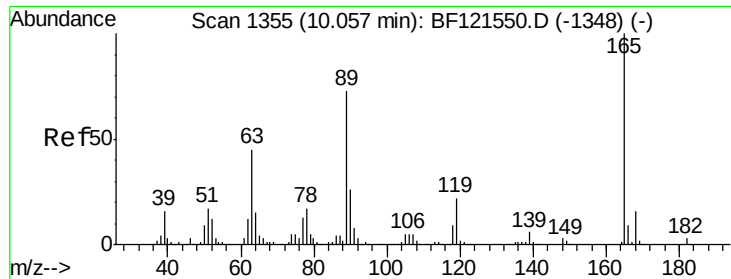
Tot Ion:168 Resp: 1522870
Ion Ratio Lower Upper
168 100
139 39.3 31.4 47.0
169 14.4 11.9 17.9



#56
4-Nitrophenol
Concen: 79.767 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.04 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:139 Resp: 523102
Ion Ratio Lower Upper
139 100
109 71.4 48.8 88.8
65 98.5 83.6 123.6

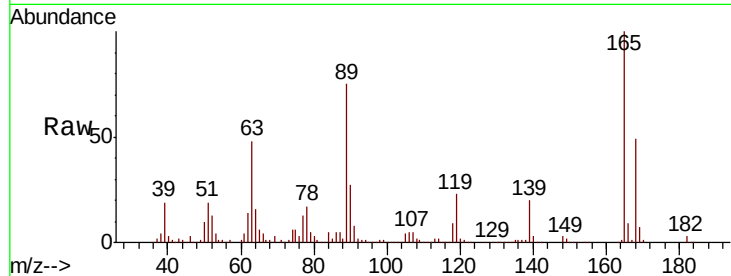




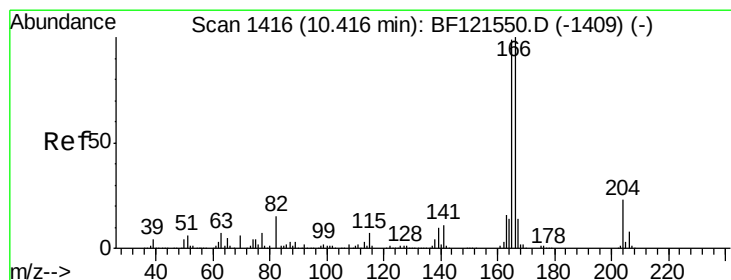
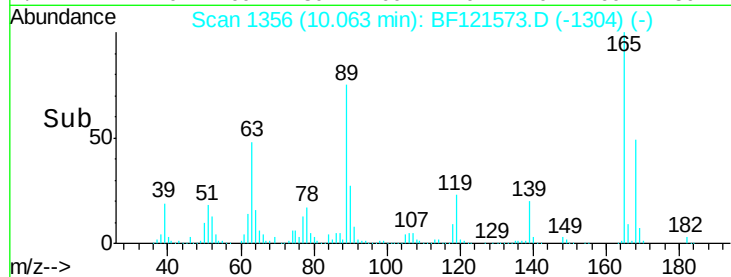
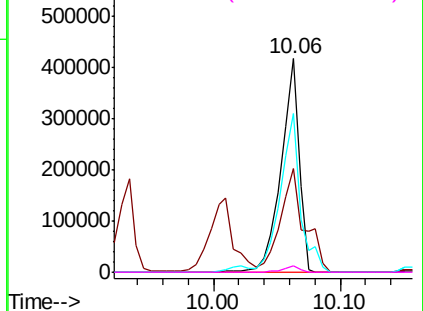
#57
 2,4-Dinitrotoluene
 Concen: 45.647 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Tot Ion:165	Resp:	407642
Ion	Ratio	Lower Upper
165	100	
63	48.5	36.2 54.4
89	74.5	58.2 87.4
182	2.9	2.2 3.2

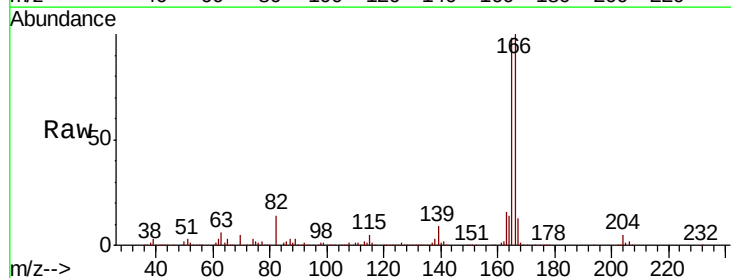


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

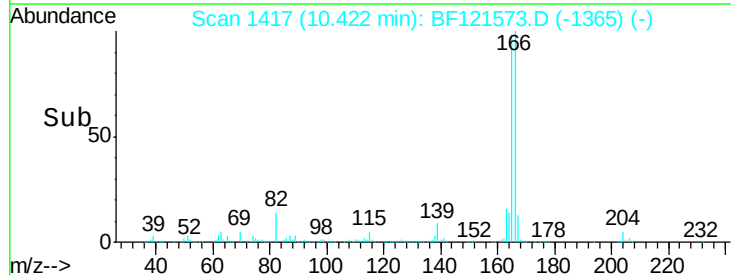
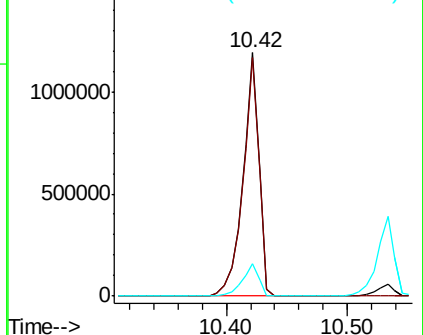


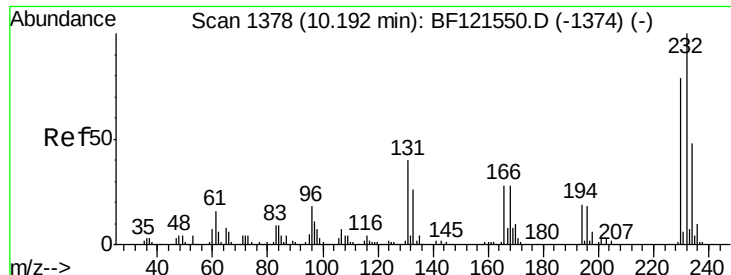
#58
 Fluorene
 Concen: 36.144 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion:166	Resp:	1095921
Ion	Ratio	Lower Upper
166	100	
165	97.9	79.0 118.4
167	13.3	11.0 16.6



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.423 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

Tot Ion:232 Resp: 348576

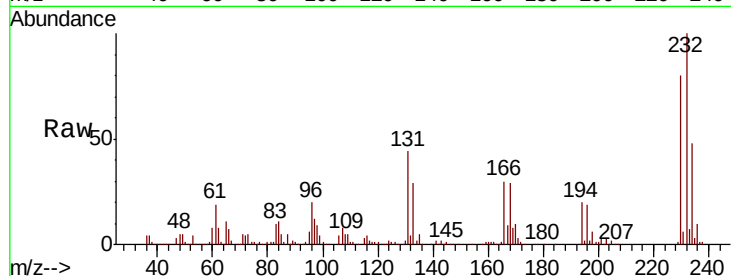
Ion Ratio Lower Upper

232 100

131 43.4 36.3 54.5

130 2.2 1.9 2.9

166 29.3 23.9 35.9

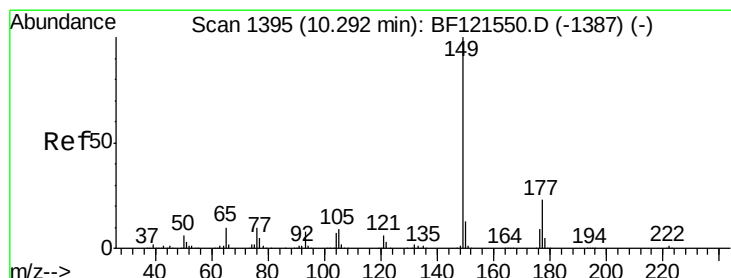
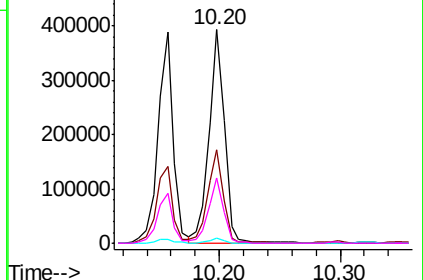
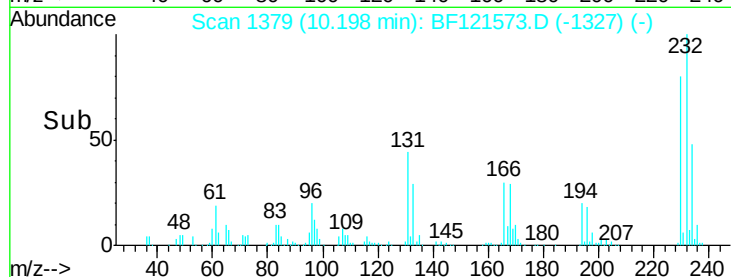


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.065 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

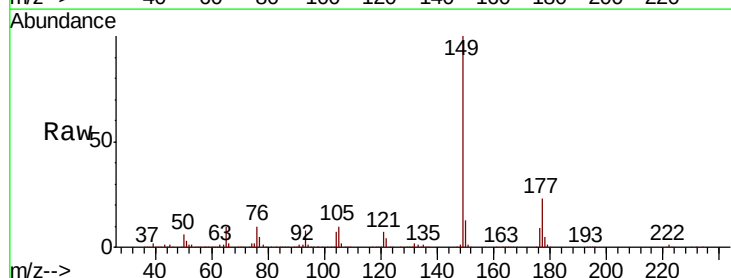
Tgt Ion:149 Resp: 1334489

Ion Ratio Lower Upper

149 100

177 23.4 18.2 27.2

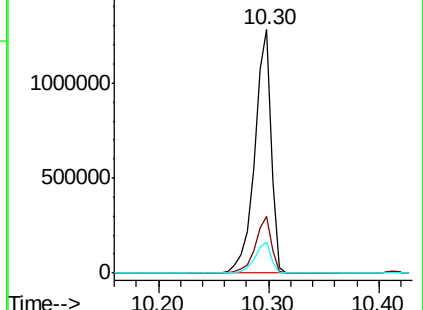
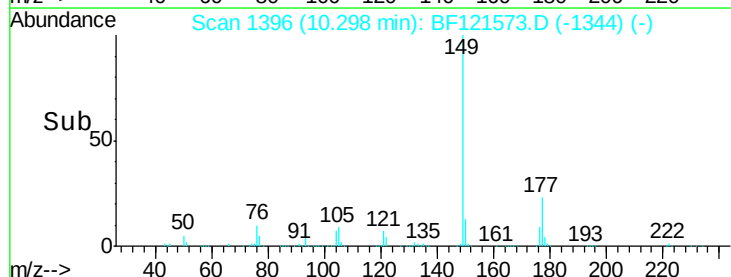
150 12.9 10.2 15.2

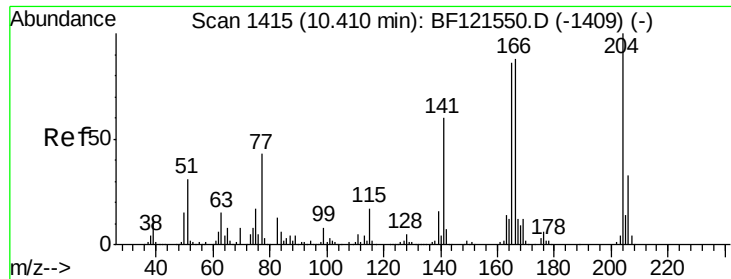


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

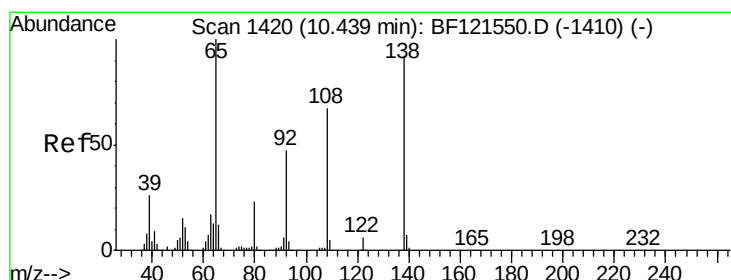
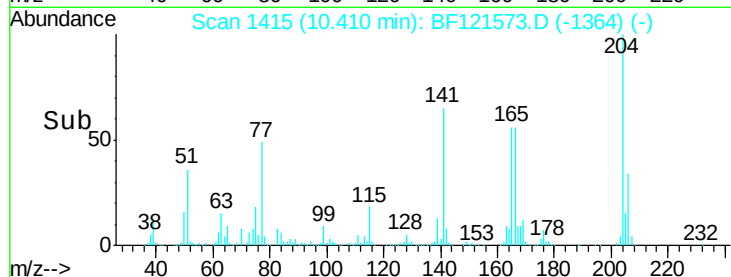
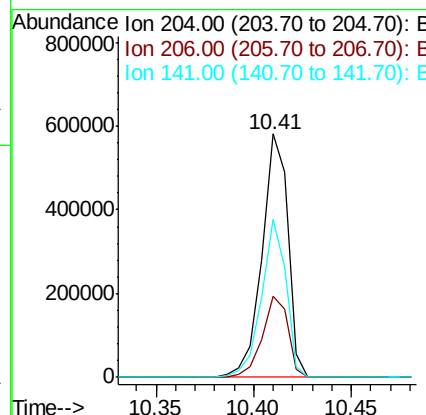
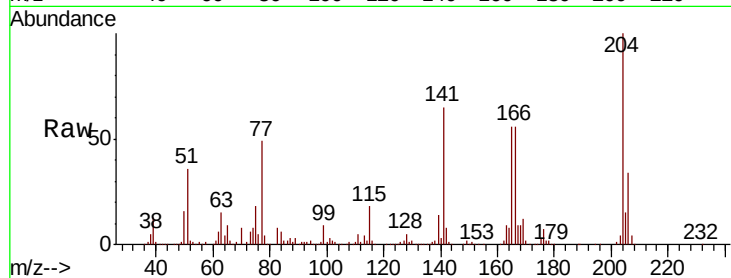




#61
4-Chlorophenyl-phenylether
Concen: 36.834 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

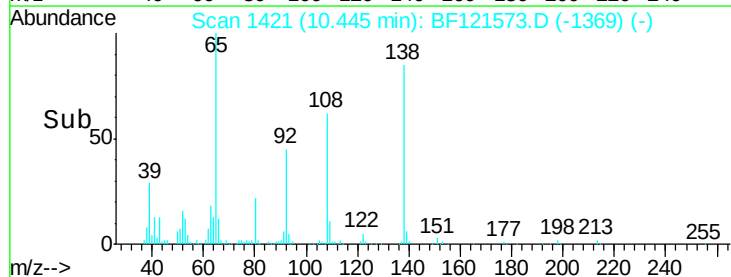
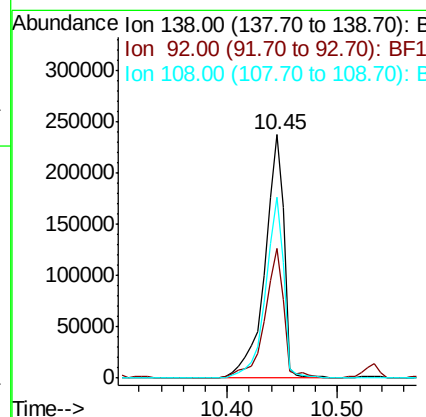
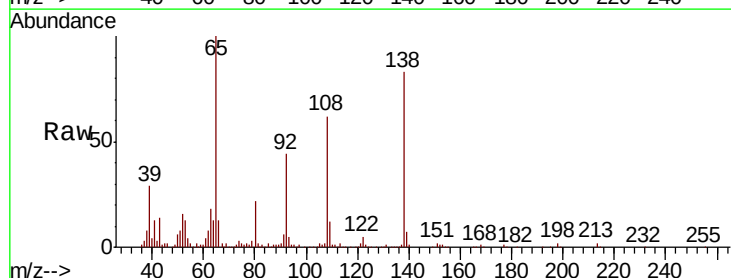
Instrument :
BNA_F
ClientSampled :
357MS

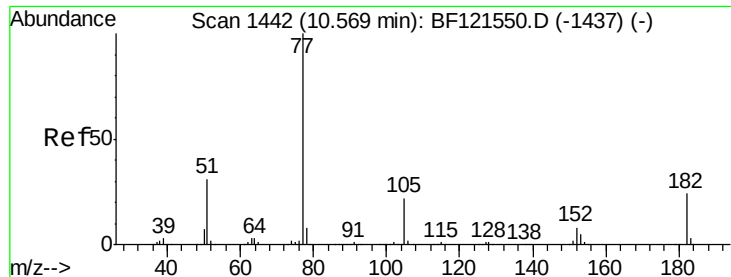
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.4	39.6
141	64.9	48.3	72.5



#62
4-Nitroaniline
Concen: 35.277 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.3	31.4	71.4
108	74.1	52.4	92.4

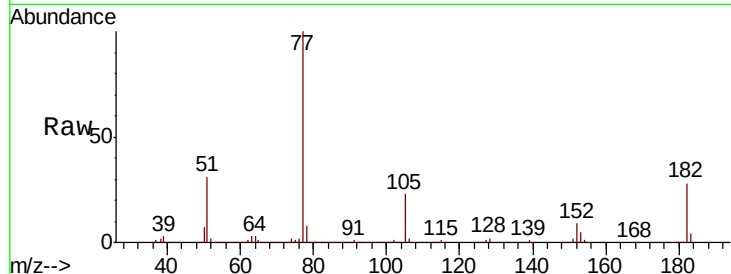




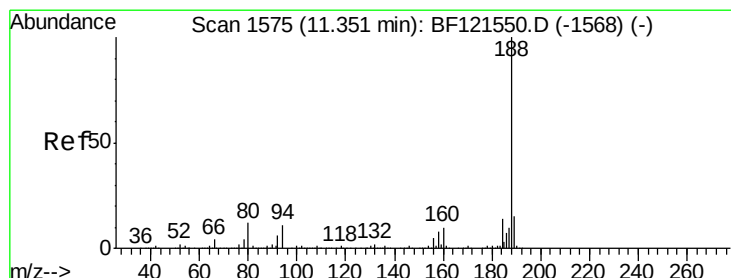
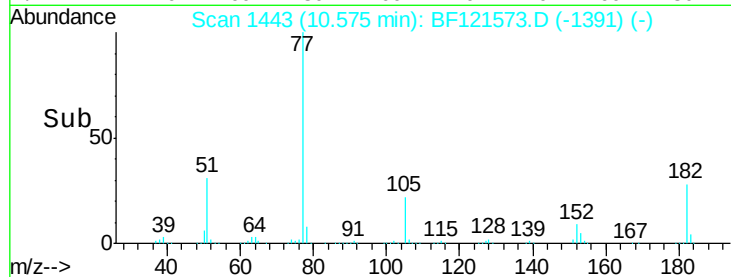
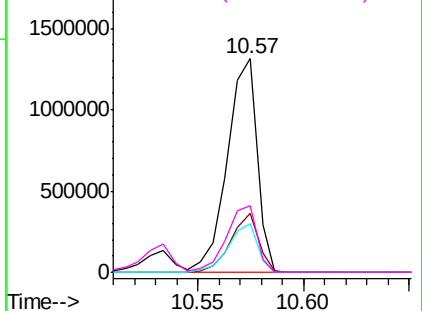
#63
Azobenzene
Concen: 36.833 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion: 77 Resp: 1274662
Ion Ratio Lower Upper
77 100
182 27.6 3.9 43.9
105 22.6 2.2 42.2
51 31.2 11.1 51.1

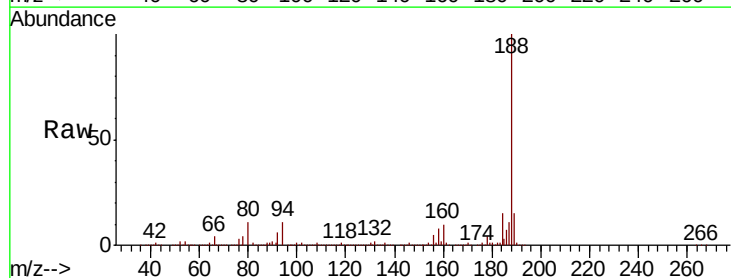


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

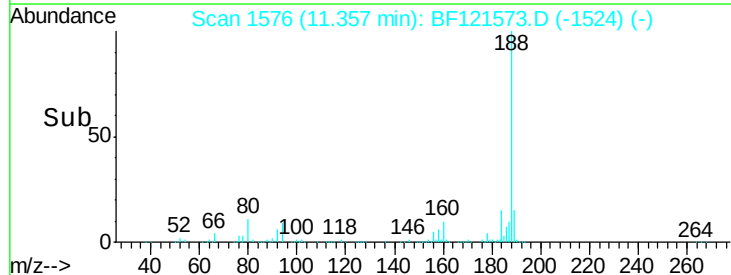
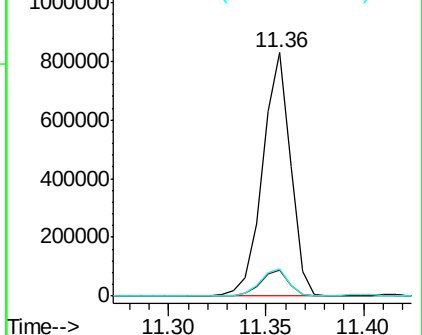


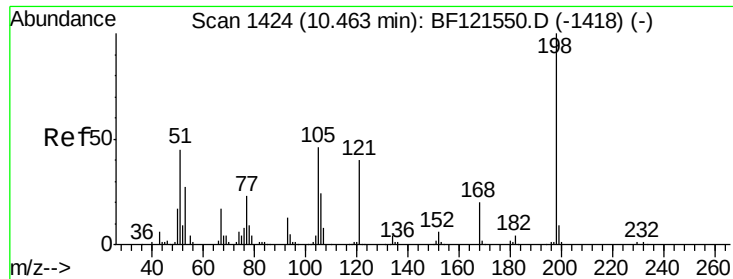
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion: 188 Resp: 820311
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.3 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): BF1
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: 34.387 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

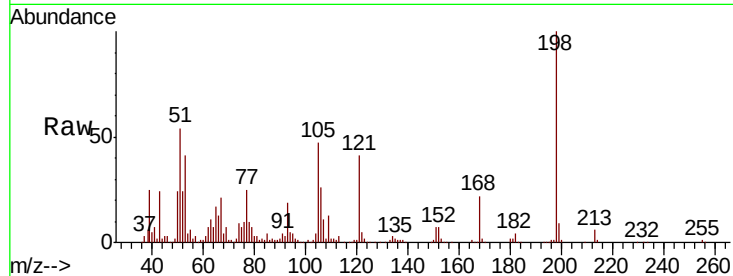
Tot Ion:198 Resp: 161685

Ion Ratio Lower Upper

198 100

51 54.3 31.1 71.1

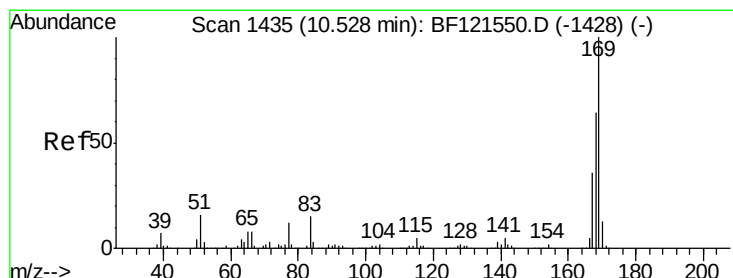
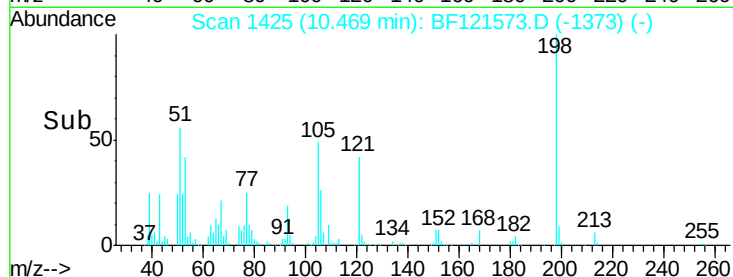
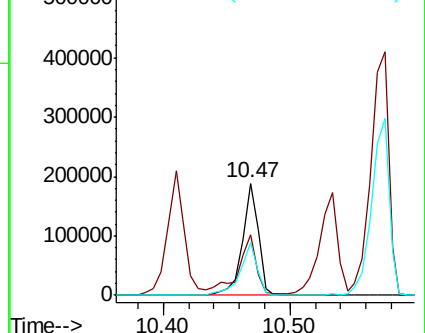
105 46.9 26.6 66.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.170 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

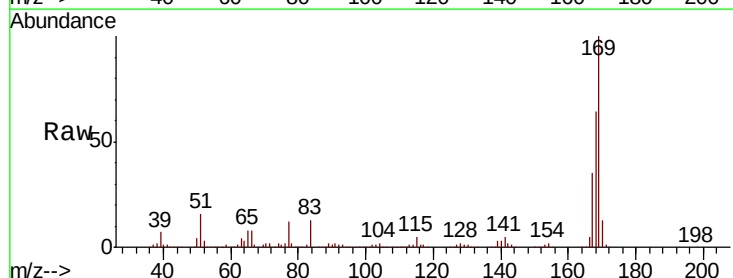
Tgt Ion:169 Resp: 1074204

Ion Ratio Lower Upper

169 100

168 64.4 51.2 76.8

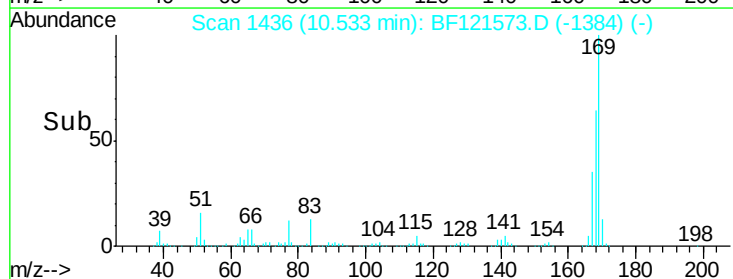
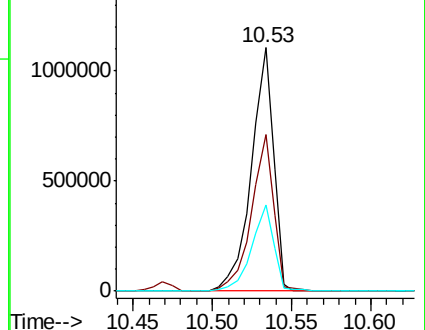
167 35.4 28.9 43.3

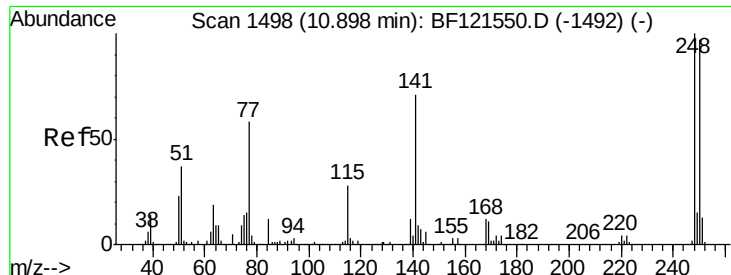


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

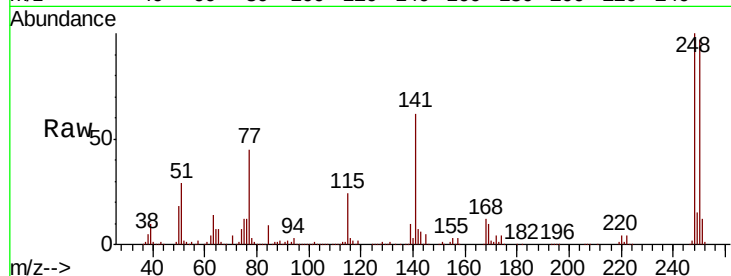




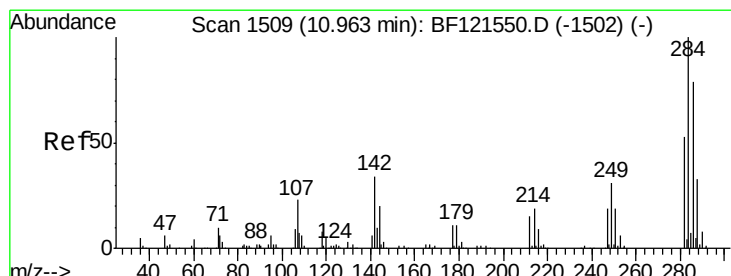
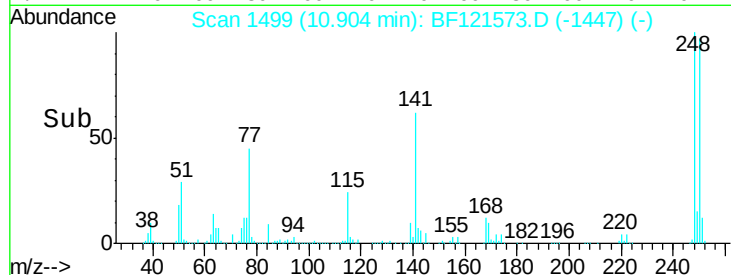
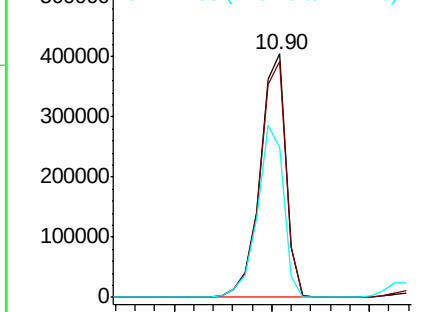
#67
 4-Bromophenyl-phenylether
 Concen: 39.845 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampled :
 357MS

Tot Ion:248 Resp: 372140
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.4 116.0
 141 61.6 56.7 85.1

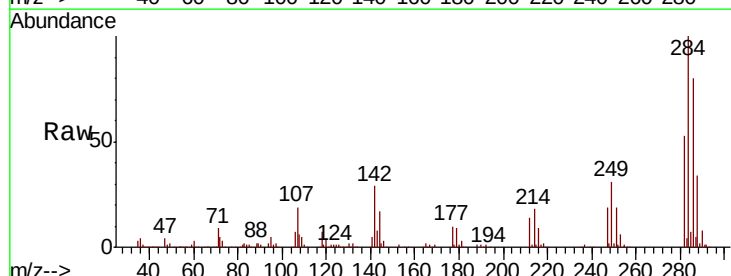


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

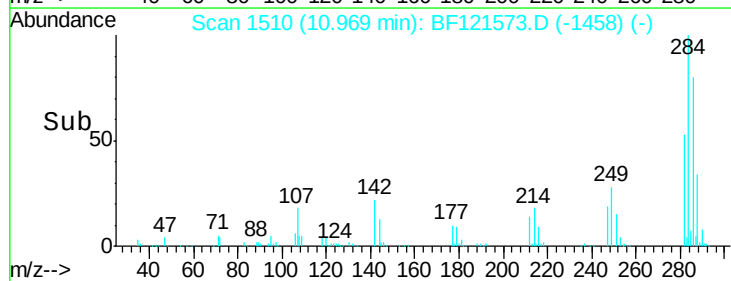
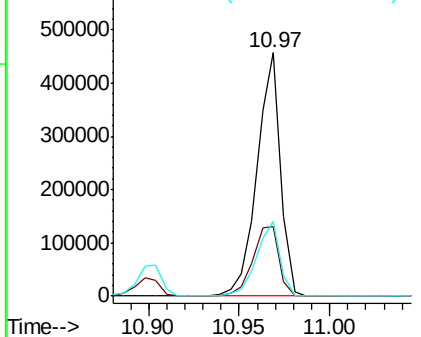


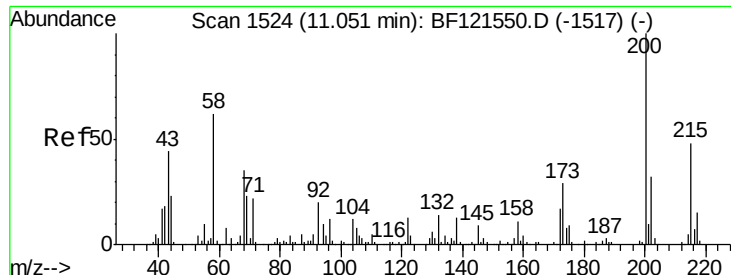
#68
 Hexachlorobenzene
 Concen: 38.946 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion:284 Resp: 410491
 Ion Ratio Lower Upper
 284 100
 142 28.7 27.0 40.4
 249 30.5 24.7 37.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

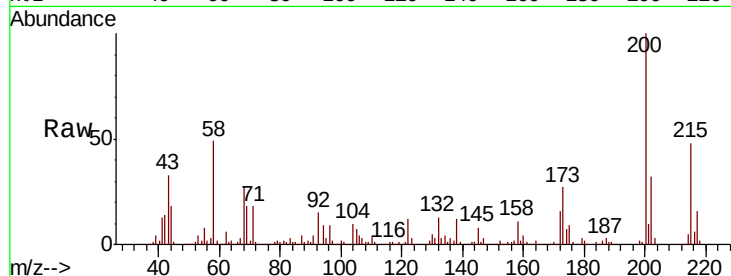




#69
 Atrazine
 Concen: 38.477 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.5	48.5
215	48.0	27.8	67.8

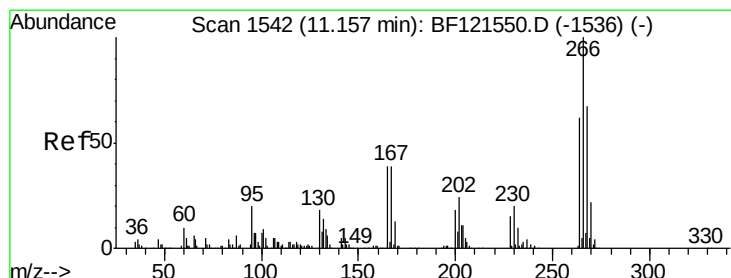
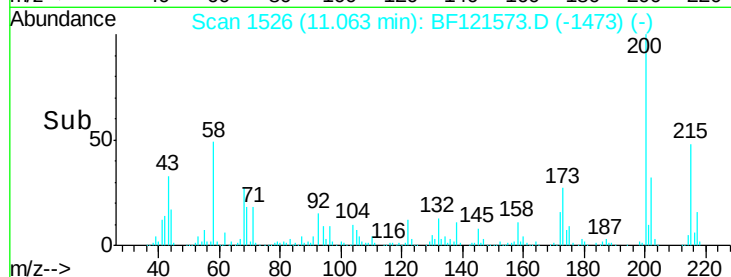
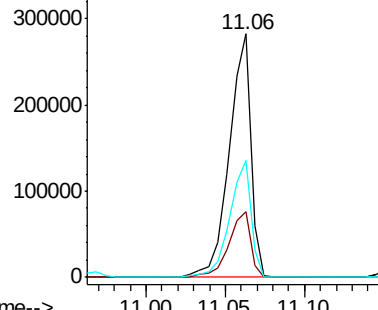


Abundance

Ion 200.00 (199.70 to 200.70): E

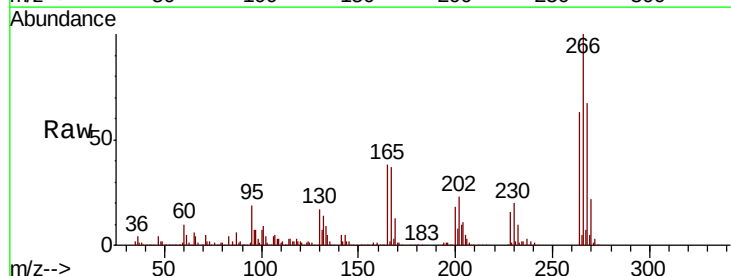
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 76.268 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	53.5	80.3
264	63.0	49.8	74.8

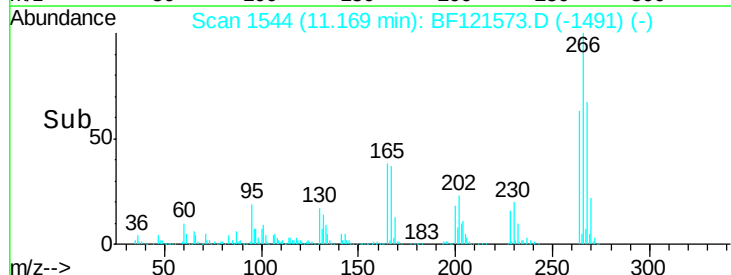
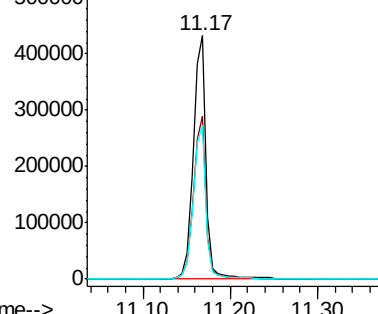


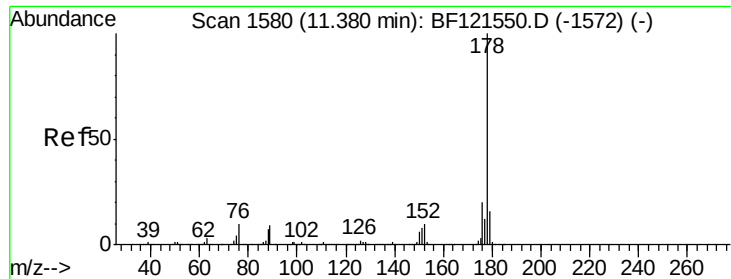
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

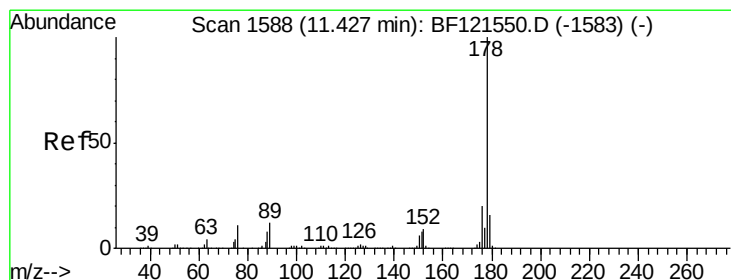
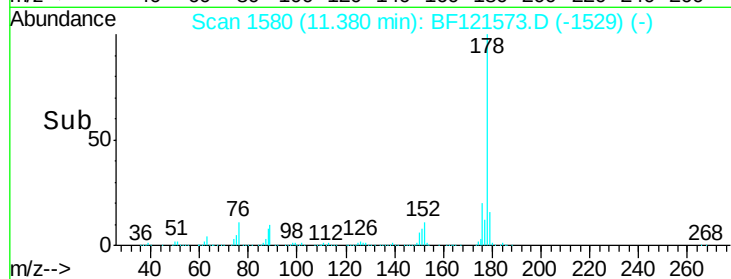
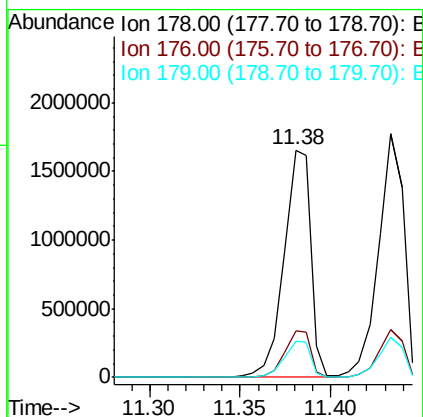
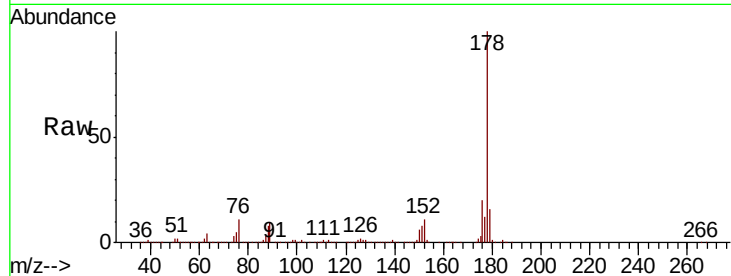




#71
Phenanthrene
Concen: 38.263 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

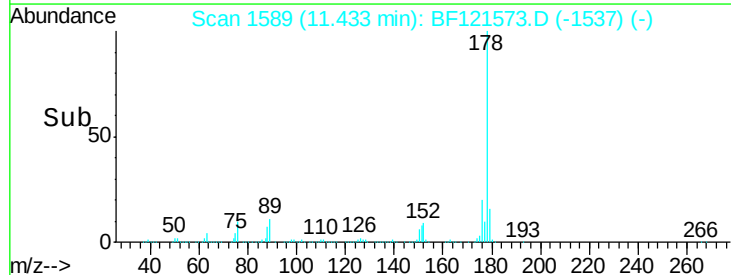
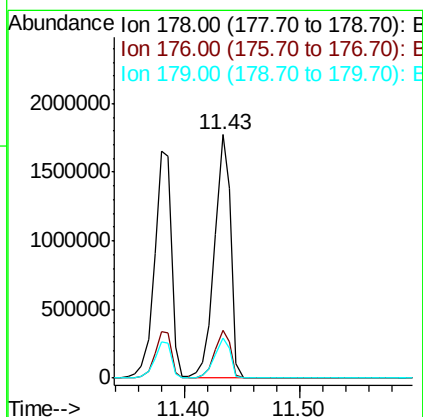
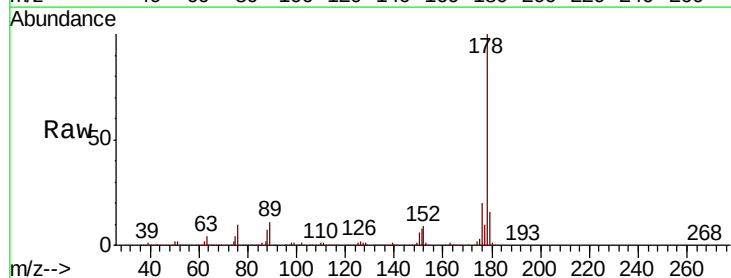
Instrument :
BNA_F
ClientSampleId :
357MS

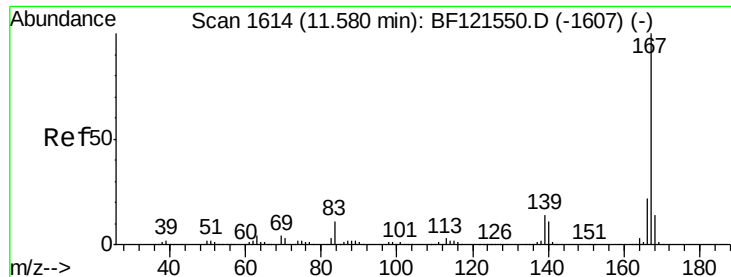
Tot Ion:178 Resp: 1710134
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.0 12.6 19.0



#72
Anthracene
Concen: 37.345 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:178 Resp: 1722430
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.2 12.8 19.2

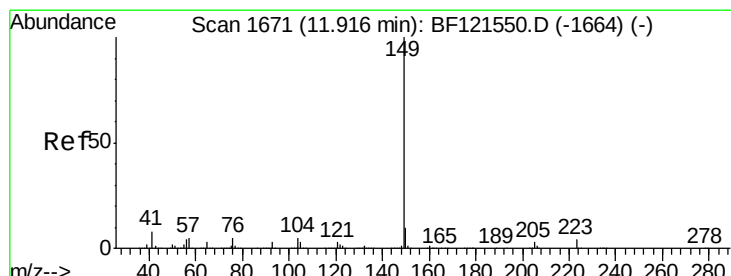
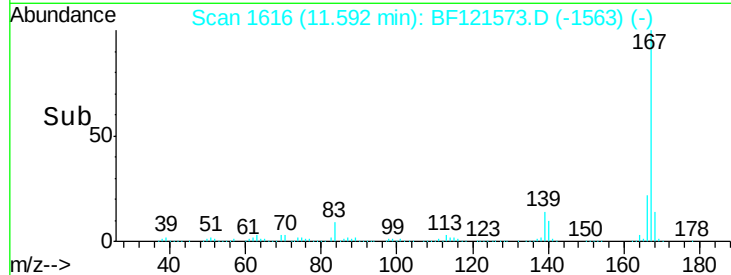
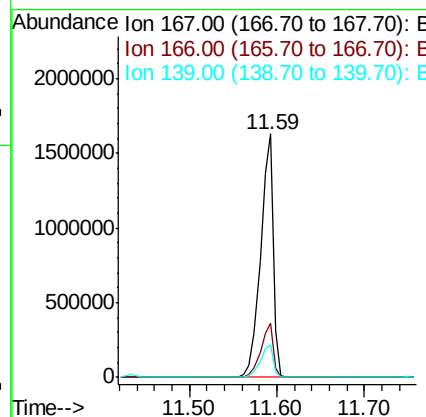
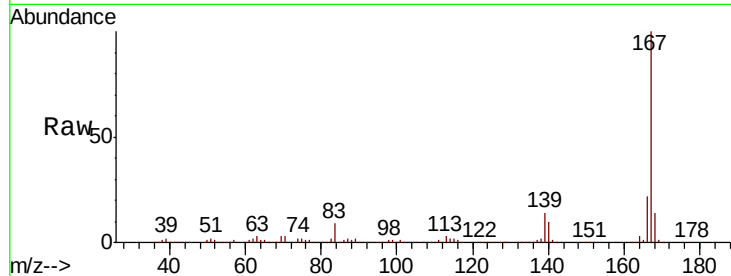




#73
 Carbazole
 Concen: 38.345 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

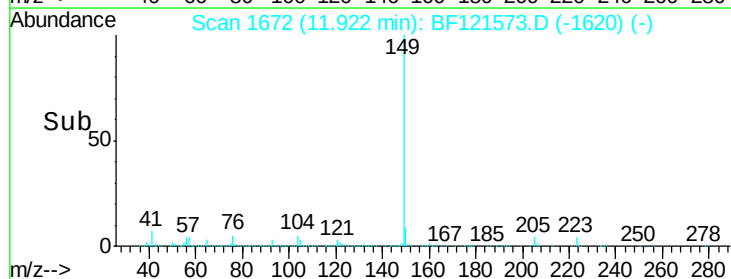
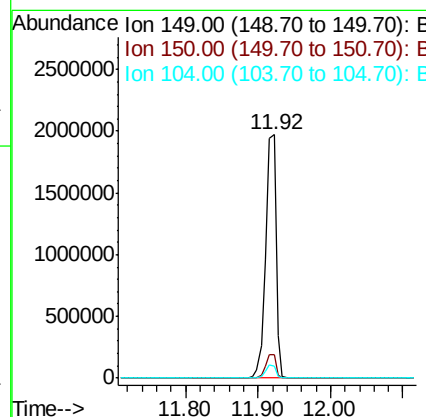
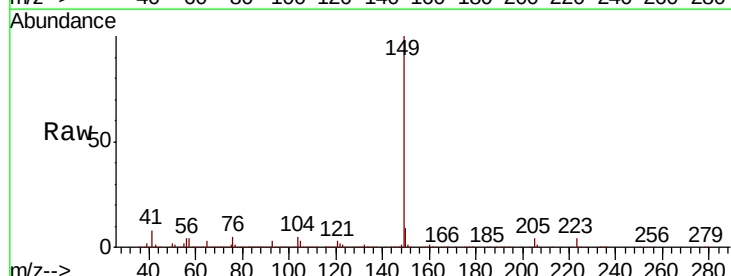
Instrument :
 BNA_F
 ClientSampleId :
 357MS

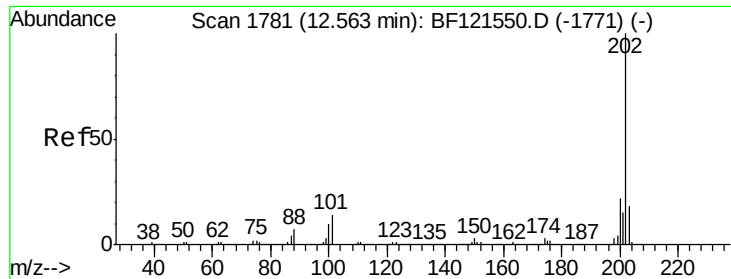
Tot Ion:167 Resp: 1595941
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 13.5 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 41.203 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion:149 Resp: 1979272
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 42.012 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampled :

357MS

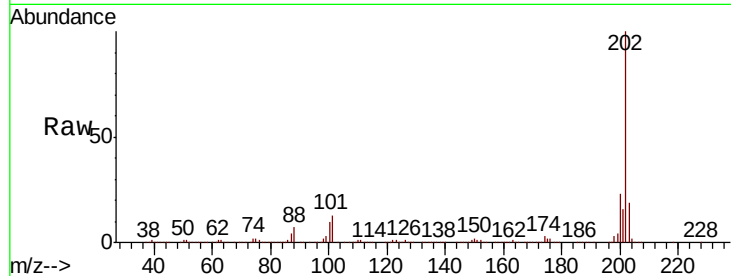
Tot Ion:202 Resp: 2004433

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.0

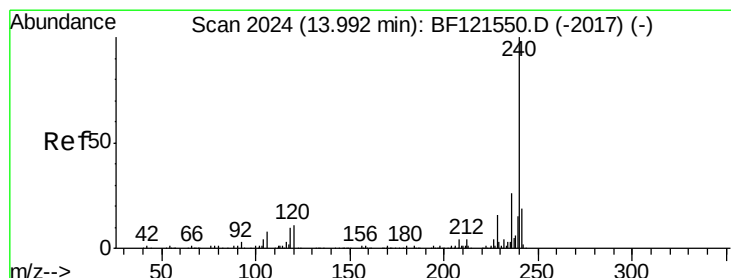
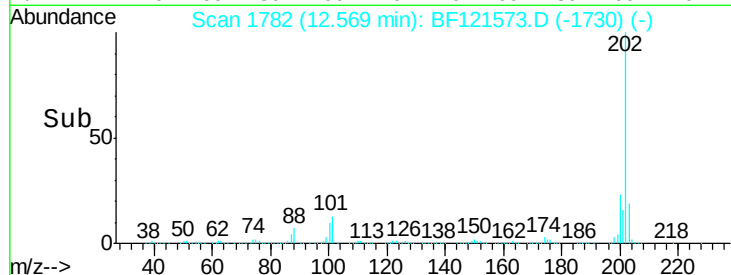
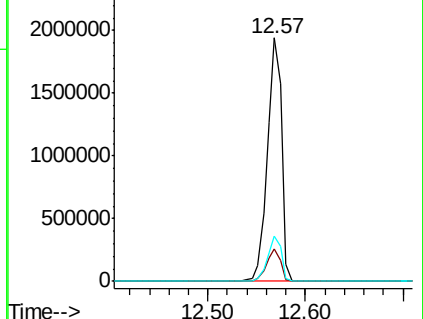
203 18.5 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

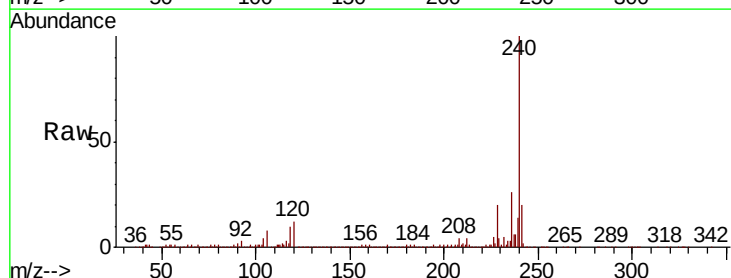
Tgt Ion:240 Resp: 709900

Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

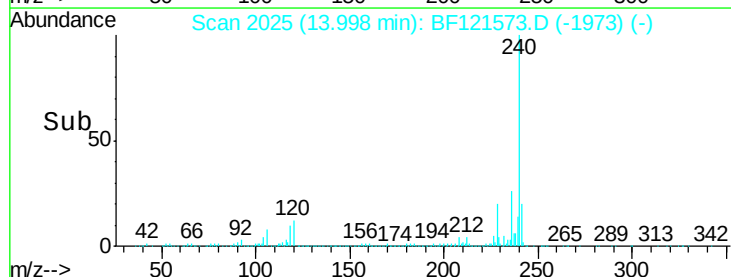
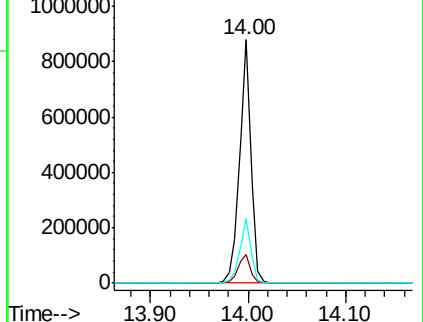
236 26.3 20.5 30.7

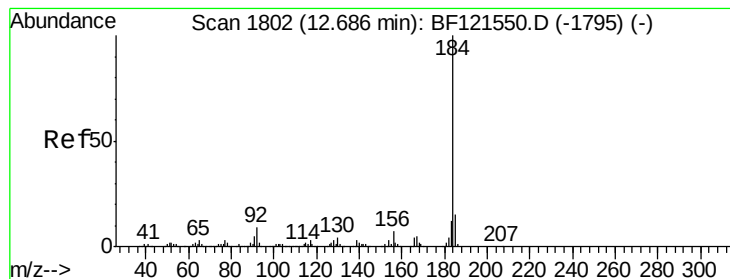


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.425 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

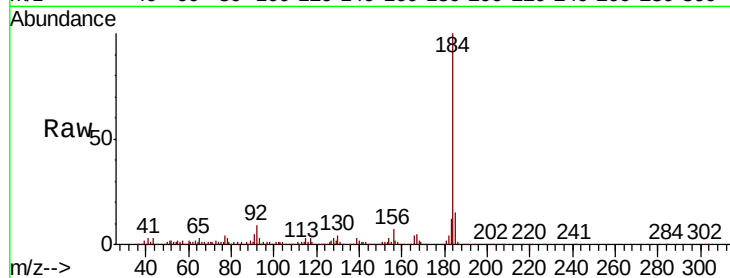
Tot Ion:184 Resp: 480693

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 11.8 9.5 14.3

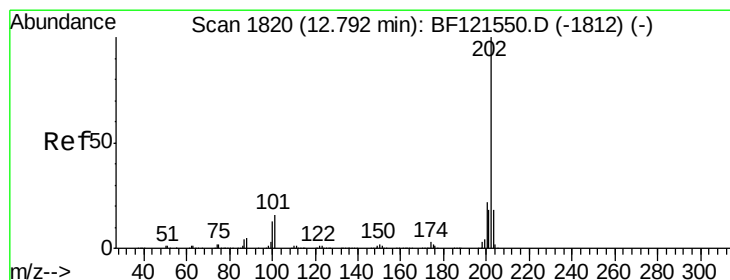
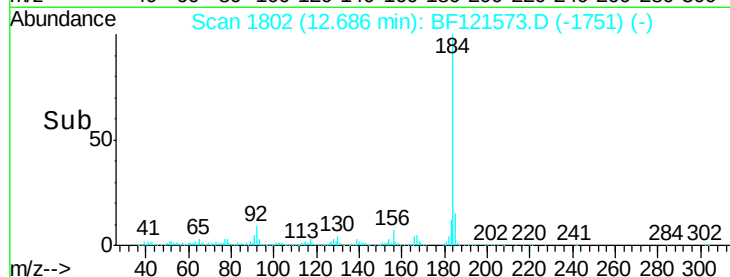
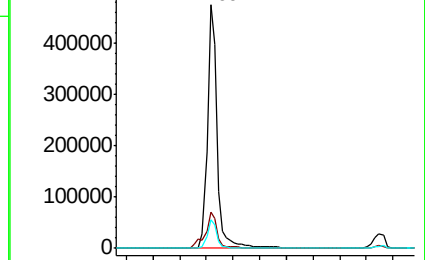


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.69



#78

Pyrene

Concen: 38.963 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

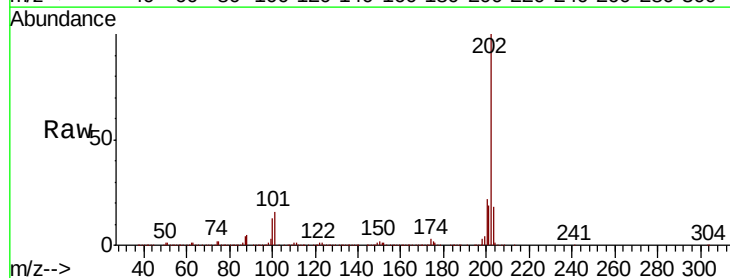
Tgt Ion:202 Resp: 2020896

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.8

203 18.1 14.6 22.0

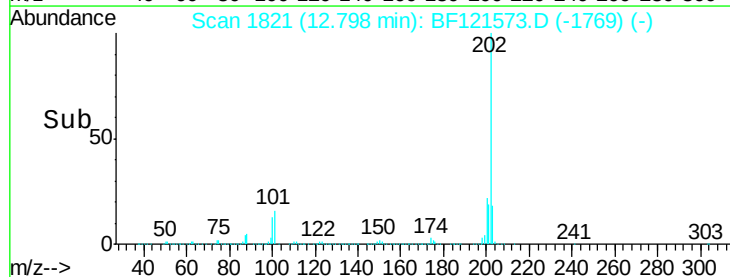
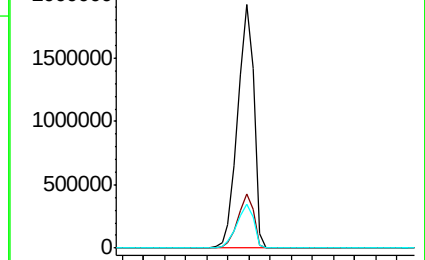


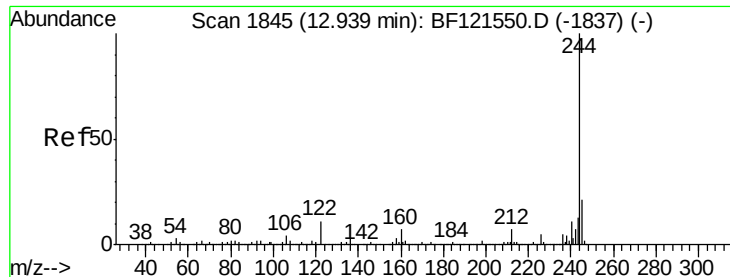
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.80





#79

Terphenyl-d14

Concen: 63.290 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

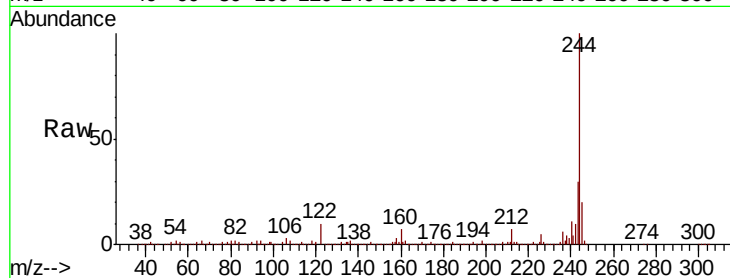
Tot Ion:244 Resp: 2217768

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

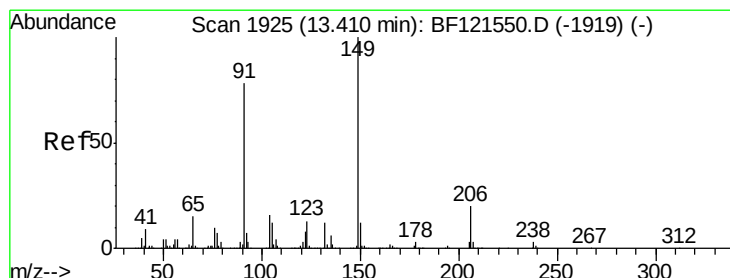
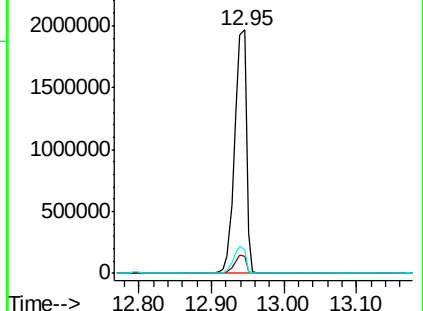
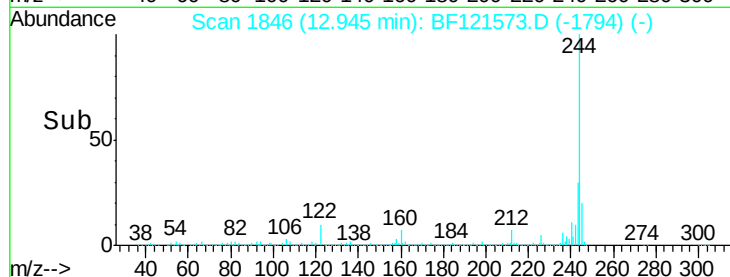
122 9.9 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.070 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

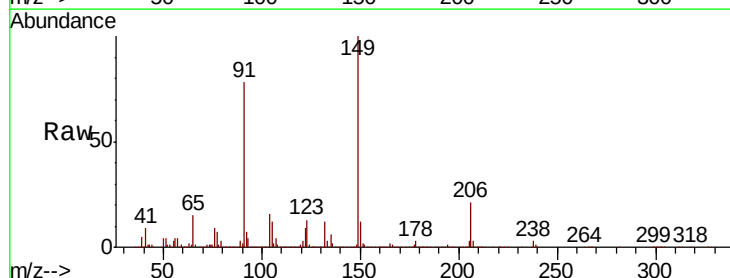
Tgt Ion:149 Resp: 945431

Ion Ratio Lower Upper

149 100

91 78.5 62.6 94.0

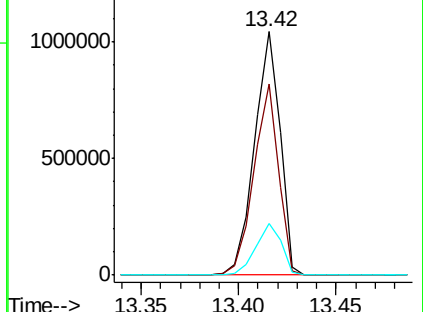
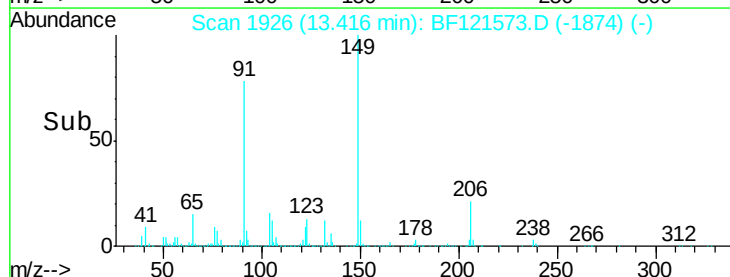
206 21.3 15.8 23.6

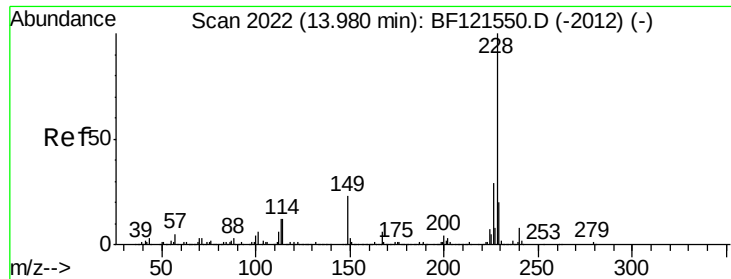


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

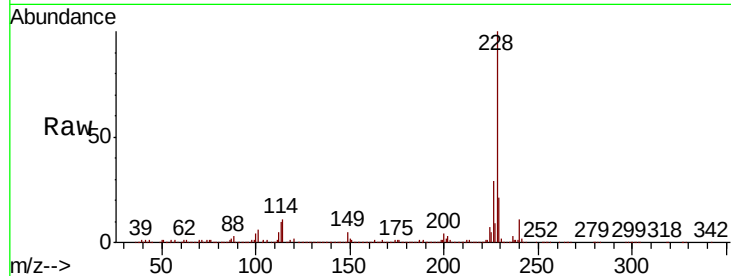




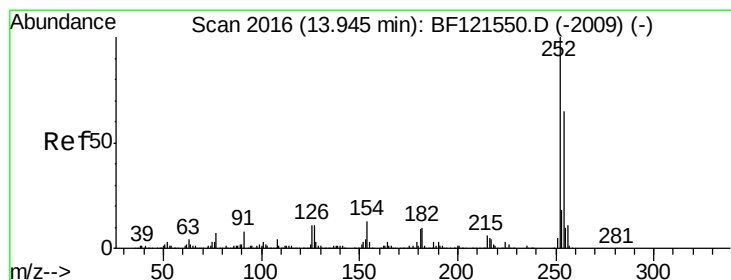
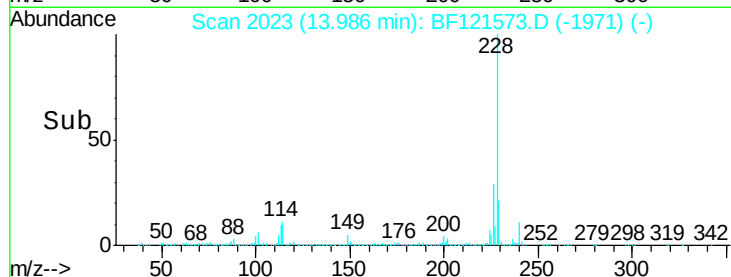
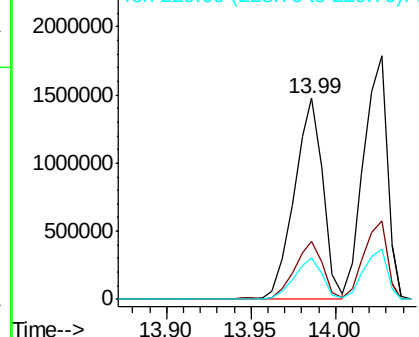
#81
Benzo(a)anthracene
Concen: 38.694 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion:228 Resp: 1737813
Ion Ratio Lower Upper
228 100
226 29.1 22.9 34.3
229 20.8 16.3 24.5

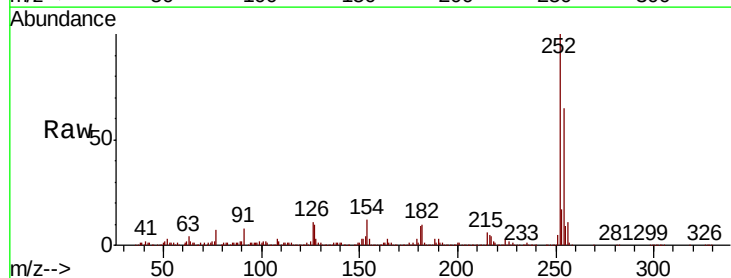


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

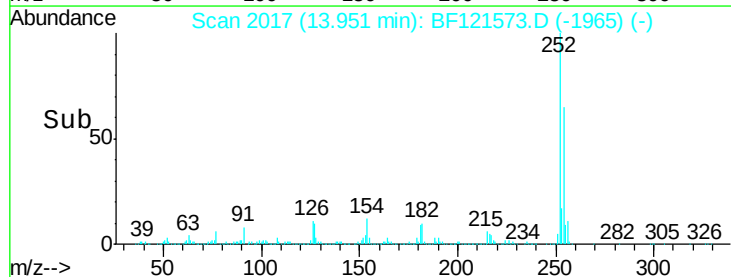
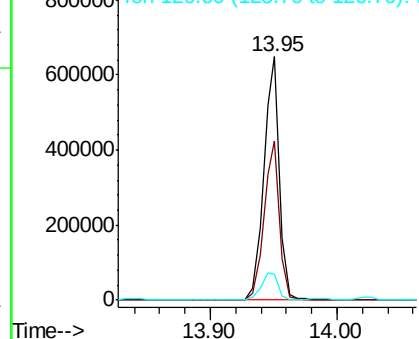


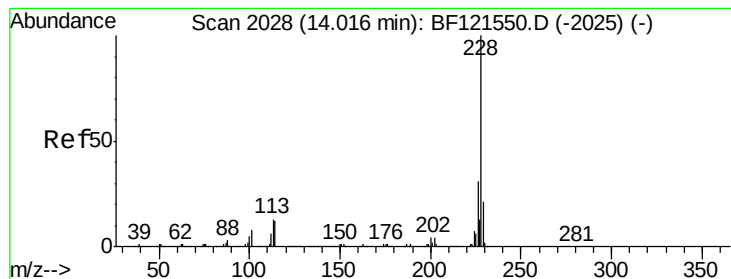
#82
3,3'-Dichlorobenzidine
Concen: 32.059 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:252 Resp: 562113
Ion Ratio Lower Upper
252 100
254 65.5 52.3 78.5
126 10.6 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

Chrvsene

Concen: 38.159 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

Instrument :

BNA_F

ClientSampleId :

357MS

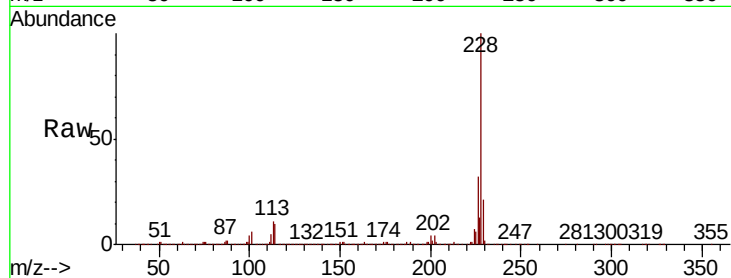
Tot Ion:228 Resp: 1735431

Ion Ratio Lower Upper

228 100

226 32.1 25.1 37.7

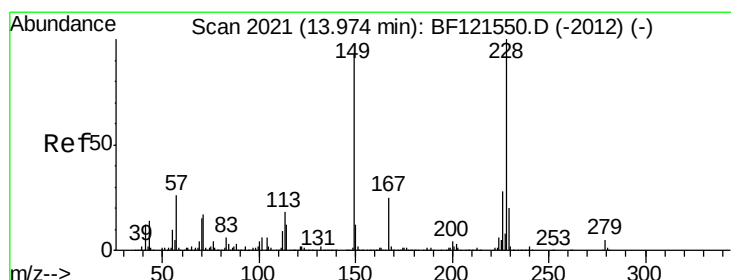
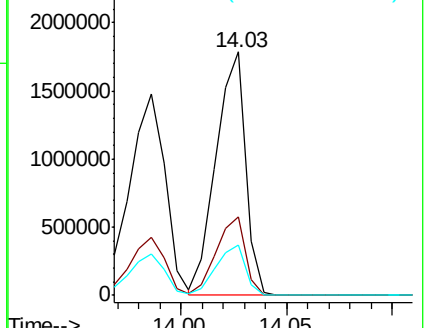
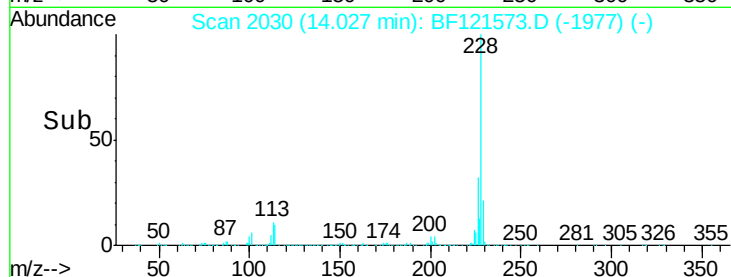
229 20.8 16.6 25.0



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: 44.936 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF121573.D

Acq: 15 Sep 2020 12:56

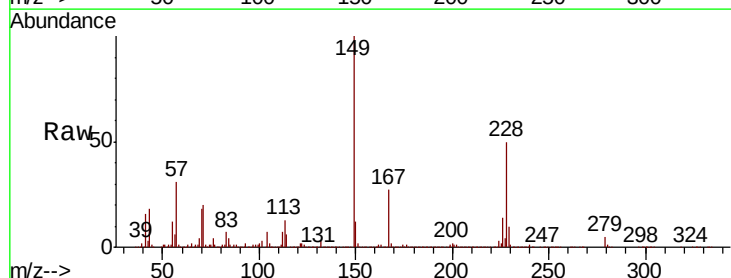
Tgt Ion:149 Resp: 1259249

Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

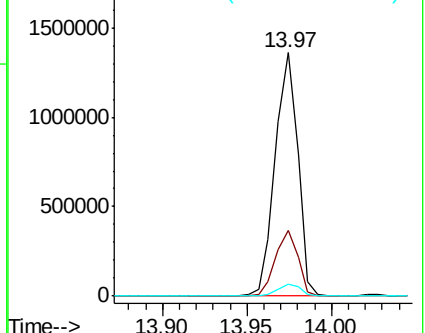
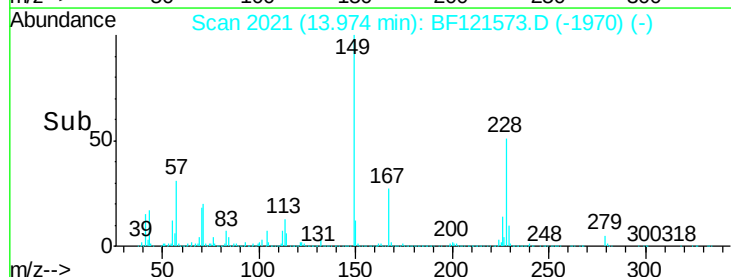
279 4.9 4.1 6.1

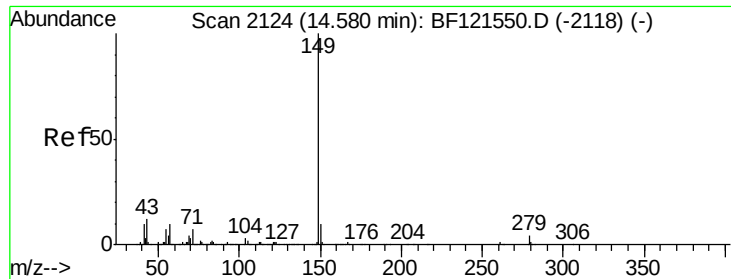


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

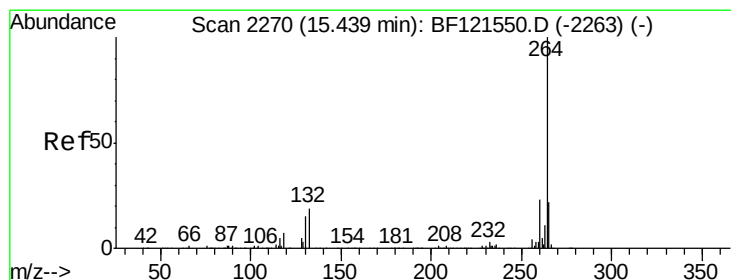
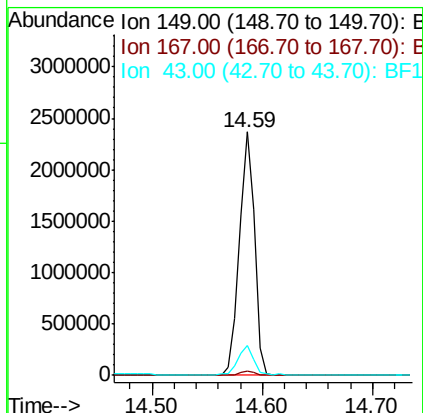
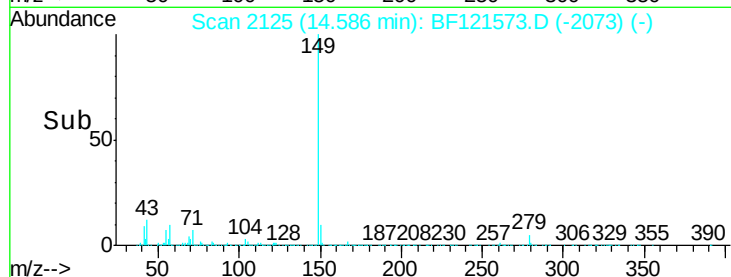
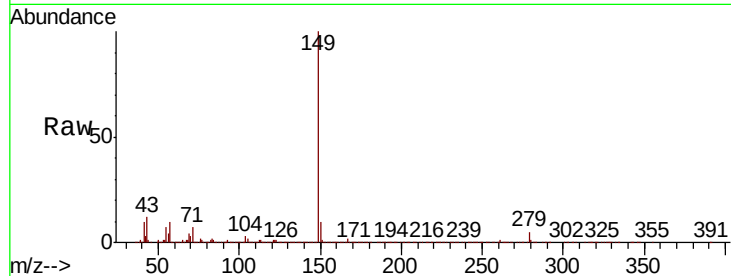




#85
Di-n-octyl phthalate
Concen: 46.241 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

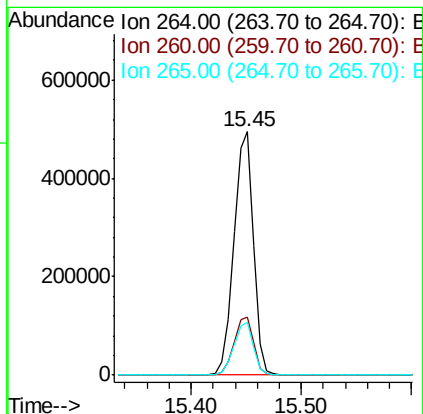
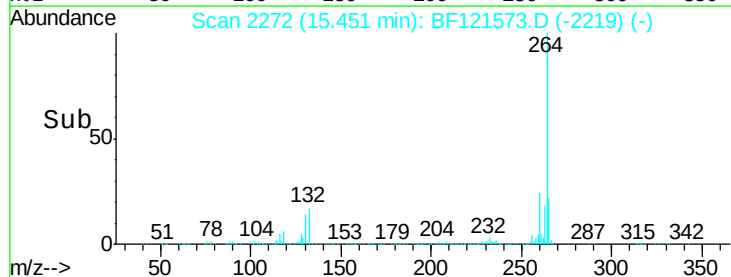
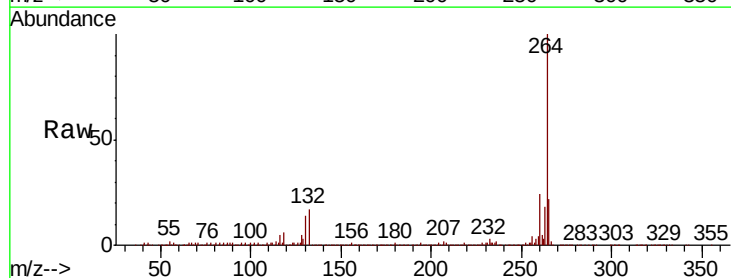
Instrument :
BNA_F
ClientSampleId :
357MS

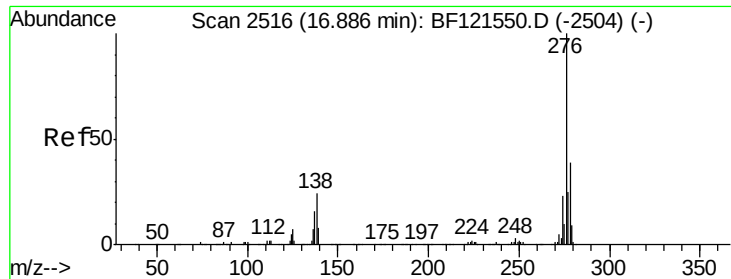
Tot Ion:149 Resp: 2286880
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.7 9.4 14.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:264 Resp: 614743
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.7 17.8 26.6

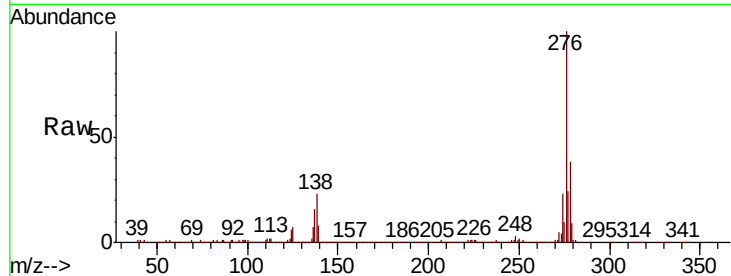




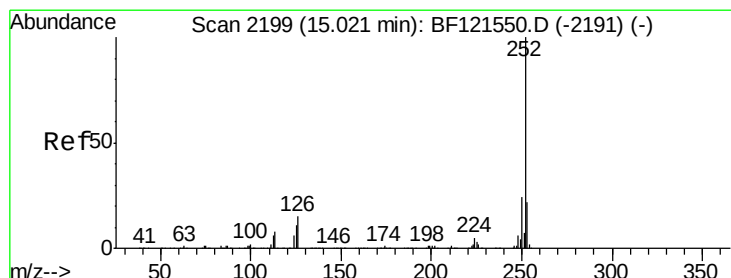
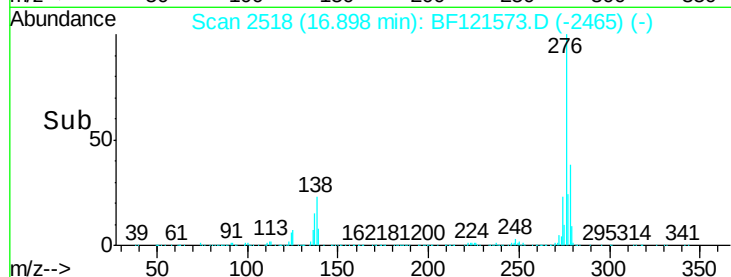
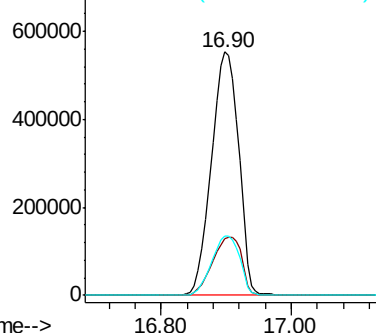
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.136 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 357MS

Tot Ion:276 Resp: 1606814
 Ion Ratio Lower Upper
 276 100
 138 25.5 20.6 31.0
 277 25.4 20.2 30.4

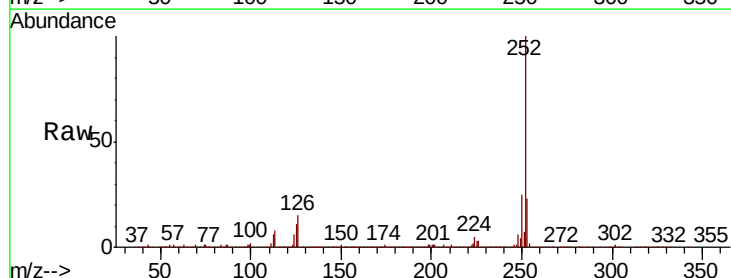


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

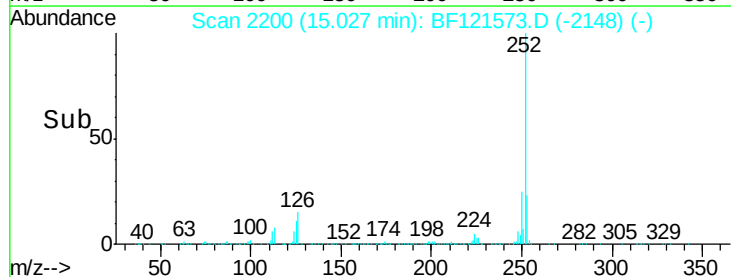
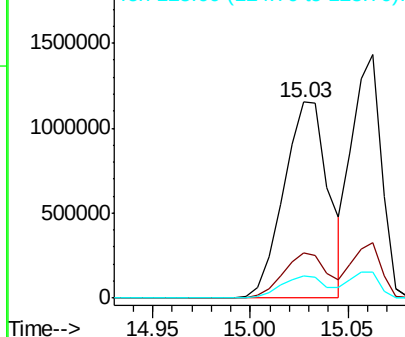


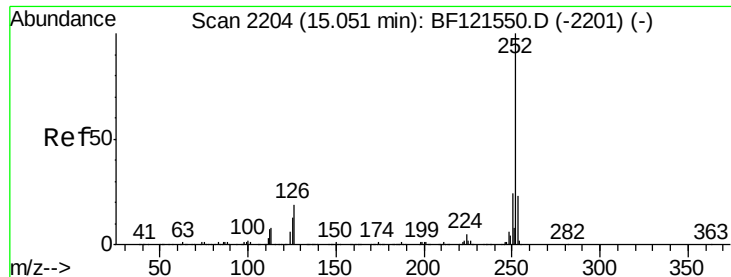
#88
 Benzo(b)fluoranthene
 Concen: 44.703 ng
 RT: 15.03 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF121573.D
 Acq: 15 Sep 2020 12:56

Tgt Ion:252 Resp: 1837125
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.9 26.9
 125 11.5 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

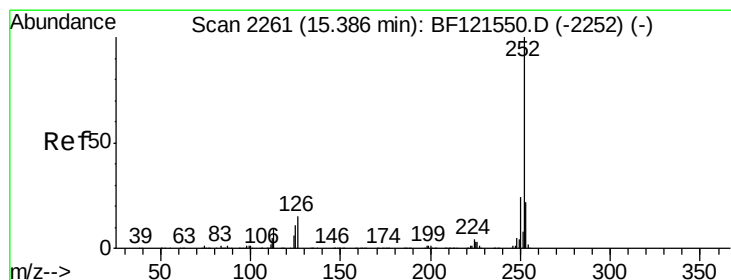
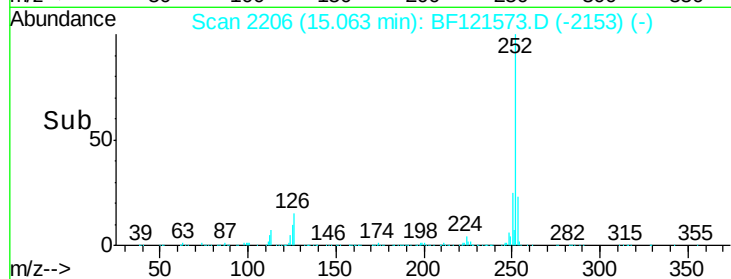
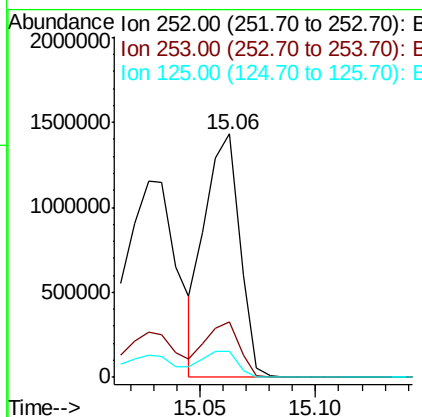
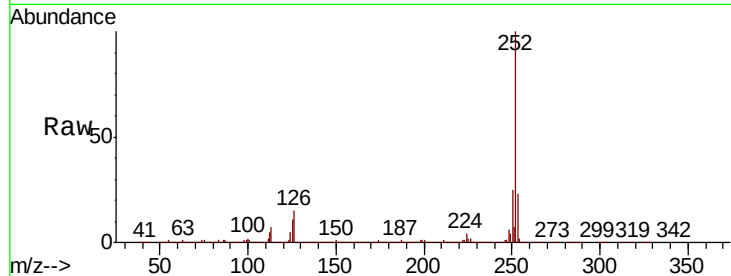




#89
Benzo(k)fluoranthene
Concen: 39.674 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

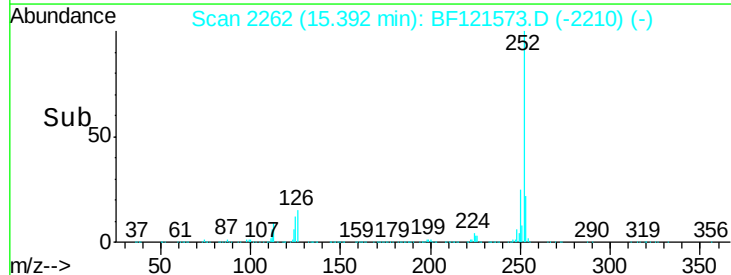
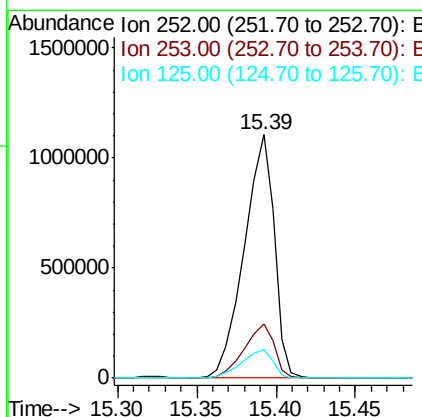
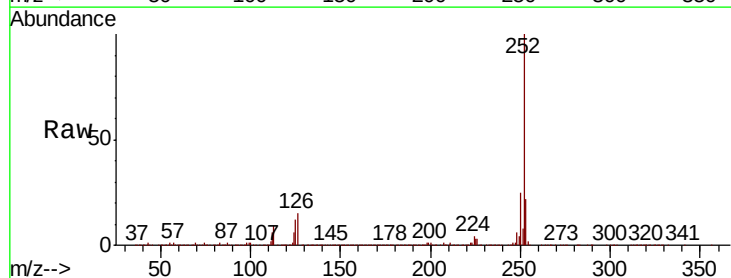
Instrument :
BNA_F
ClientSampleId :
357MS

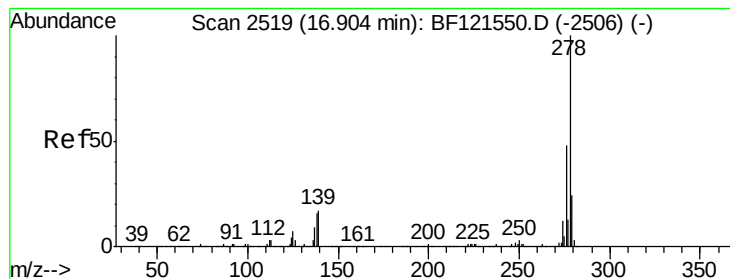
Tot Ion:252 Resp: 1493068
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.5 9.8 14.6



#90
Benzo(a)pyrene
Concen: 41.533 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:252 Resp: 1450881
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.9 9.0 13.4

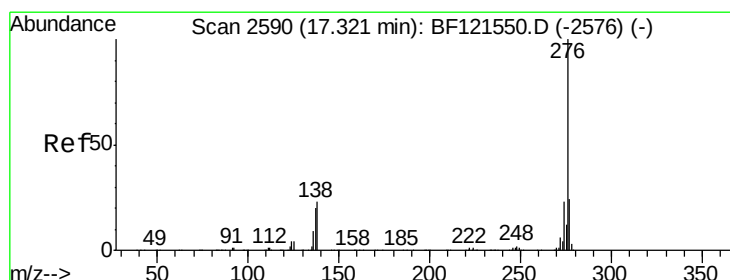
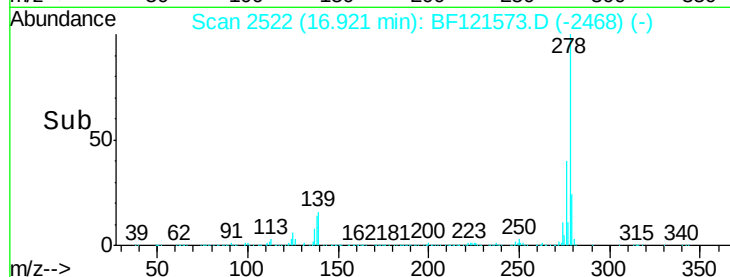
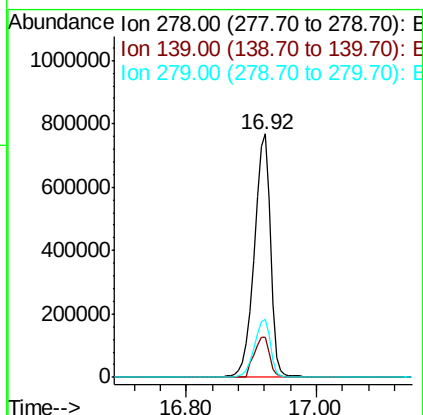
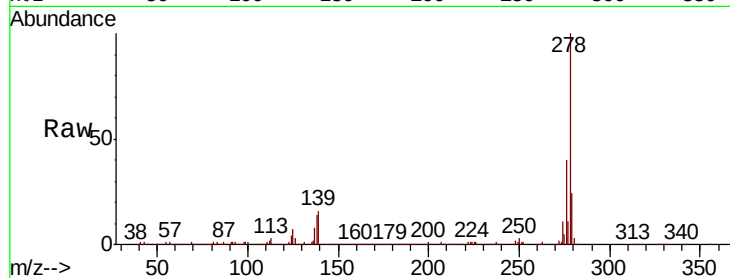




#91
Dibenzo(a,h)anthracene
Concen: 39.989 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.02 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Instrument :
BNA_F
ClientSampleId :
357MS

Tot Ion:278 Resp: 1332639
Ion Ratio Lower Upper
278 100
139 16.3 13.9 20.9
279 24.1 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 40.434 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.02 min
Lab File: BF121573.D
Acq: 15 Sep 2020 12:56

Tgt Ion:276 Resp: 1324543
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 22.1 18.7 28.1

