

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
 Data File : BF120155.D
 Acq On : 23 Apr 2020 6:06
 Operator : MA/SJ
 Sample : L2123-14MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Quant Time: Apr 23 06:45:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	145488	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	567088	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	282060	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	535562	20.00	ng	0.00
76) Chrysene-d12	13.84	240	391202	20.00	ng	-0.01
87) Perylene-d12	15.24	264	332859	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	894659	106.27	ng	0.01
7) Phenol-d6	6.32	99	1055951	97.34	ng	0.00
23) Nitrobenzene-d5	7.25	82	769088	70.16	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	326843	94.64	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1475554	74.27	ng	0.00
79) Terphenyl-d14	12.79	244	1653127	71.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	124775	33.277	ng	95
3) Pyridine	3.07	79	287369	27.933	ng	94
4) n-Nitrosodimethylamine	3.00	42	187348	35.643	ng	99
6) Aniline	6.34	93	389364	27.347	ng	# 65
8) 2-Chlorophenol	6.46	128	387445	41.190	ng	98
9) Benzaldehyde	6.22	77	97349	10.954	ng	100
10) Phenol	6.33	94	428765	34.840	ng	80
11) bis(2-Chloroethyl)ether	6.42	93	372153	39.165	ng	100
12) 1,3-Dichlorobenzene	6.62	146	352366	34.217	ng	98
13) 1,4-Dichlorobenzene	6.69	146	362127	34.521	ng	98
14) 1,2-Dichlorobenzene	6.85	146	341068	35.280	ng	99
15) Benzyl Alcohol	6.83	79	324749	38.544	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	620242	33.544	ng	93
17) 2-Methylphenol	6.95	107	308746	36.780	ng	98
18) Hexachloroethane	7.19	117	134195	34.230	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	273728	39.241	ng	97
20) 3+4-Methylphenols	7.10	107	383043	37.310	ng	89
22) Acetophenone	7.09	105	529053	39.840	ng	# 94
24) Nitrobenzene	7.26	77	409756	37.159	ng	100
25) Isophorone	7.50	82	762622	36.090	ng	98
26) 2-Nitrophenol	7.58	139	210167	38.149	ng	92
27) 2,4-Dimethylphenol	7.63	122	326690	39.319	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	473820	38.106	ng	99
29) 2,4-Dichlorophenol	7.83	162	320821	37.670	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	335811	34.799	ng	100
31) Naphthalene	7.99	128	1099922	36.865	ng	98
32) Benzoic acid	7.71	122	38586	5.288	ng	99
33) 4-Chloroaniline	8.03	127	282826	21.775	ng	99
34) Hexachlorobutadiene	8.10	225	185598	32.129	ng	98
35) Caprolactam	8.40	113	45661	17.527	ng	98
36) 4-Chloro-3-methylphenol	8.53	107	349721	37.928	ng	99
37) 2-Methylnaphthalene	8.67	142	749991	37.077	ng	97
38) 1-Methylnaphthalene	8.77	142	708908	37.182	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	330625	37.113	ng	99

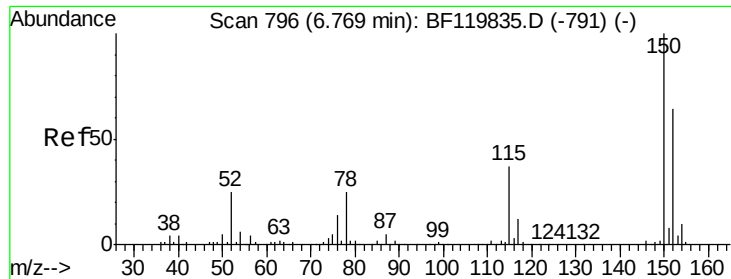
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
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 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	275972	54.477	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	232464	37.788	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	245242	35.395	ng	97
46) 1,1'-Biphenyl	9.14	154	910201	38.232	ng	98
47) 2-Chloronaphthalene	9.16	162	705664	38.477	ng	100
48) 2-Nitroaniline	9.26	65	258045	38.826	ng	100
49) Acenaphthylene	9.58	152	1095087	39.262	ng	98
50) Dimethylphthalate	9.45	163	829250	38.009	ng	100
51) 2,6-Dinitrotoluene	9.51	165	186253	38.985	ng	98
52) Acenaphthene	9.75	154	660345	35.492	ng	99
53) 3-Nitroaniline	9.67	138	174384	31.959	ng	99
54) 2,4-Dinitrophenol	9.79	184	40317	14.095	ng	96
55) Dibenzofuran	9.92	168	990240	38.785	ng	100
56) 4-Nitrophenol	9.85	139	236683	58.299	ng	96
57) 2,4-Dinitrotoluene	9.92	165	240321	38.180	ng	94
58) Fluorene	10.27	166	789491	38.665	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	196870	37.151	ng	98
60) Diethylphthalate	10.15	149	829019	36.663	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	370459	35.399	ng	98
62) 4-Nitroaniline	10.29	138	200566	38.570	ng	99
63) Azobenzene	10.42	77	784080	38.693	ng	97
65) 4,6-Dinitro-2-methylphenol	10.32	198	54709	15.506	ng	94
66) n-Nitrosodiphenylamine	10.38	169	705461	39.608	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	227206	34.114	ng	94
68) Hexachlorobenzene	10.82	284	249719	36.959	ng	# 92
69) Atrazine	10.91	200	210504	42.478	ng	98
70) Pentachlorophenol	11.01	266	177620	45.618	ng	98
71) Phenanthrene	11.23	178	1133115	39.754	ng	98
72) Anthracene	11.28	178	1169659	40.170	ng	98
73) Carbazole	11.43	167	1090883	39.617	ng	97
74) Di-n-butylphthalate	11.77	149	1313487	36.286	ng	100
75) Fluoranthene	12.42	202	1253693	40.765	ng	95
77) Benzidine	12.54	184	460004	34.786	ng	96
78) Pyrene	12.64	202	1273853	38.626	ng	97
80) Butylbenzylphthalate	13.27	149	549518	34.339	ng	96
81) Benzo(a)anthracene	13.83	228	1000481	38.875	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	304543	31.715	ng	98
83) Chrysene	13.87	228	1026589	39.258	ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	687921	31.744	ng	99
85) Di-n-octyl phthalate	14.44	149	1195331	32.395	ng	98
86) Indeno(1,2,3-cd)pyrene	16.60	276	879408	38.151	ng	100
88) Benzo(b)fluoranthene	14.85	252	925559	38.653	ng	99
89) Benzo(k)fluoranthene	14.88	252	853252	41.299	ng	99
90) Benzo(a)pyrene	15.19	252	783099	38.896	ng	98
91) Dibenzo(a,h)anthracene	16.62	278	730194	40.945	ng	98
92) Benzo(g,h,i)perylene	17.02	276	726810	41.288	ng	98

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

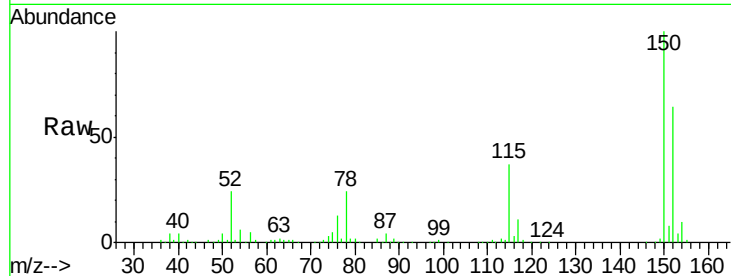


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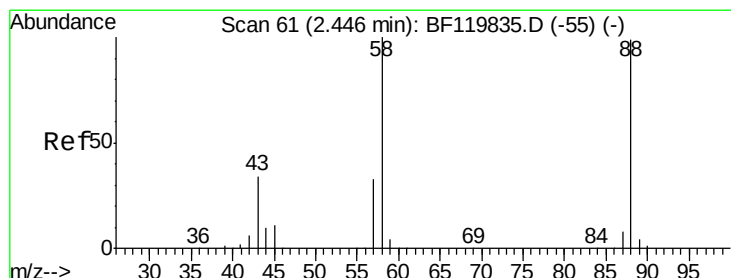
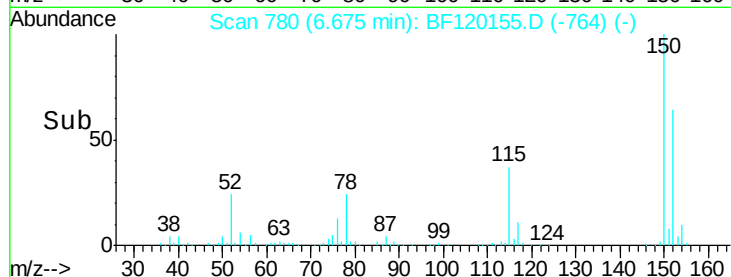
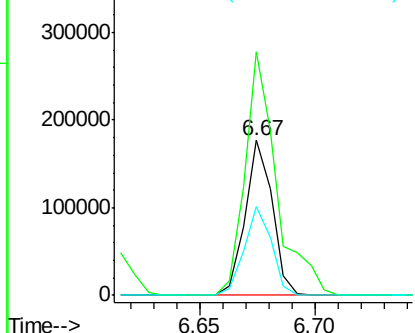
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tot Ion:152 Resp: 145488
Ion Ratio Lower Upper
152 100
150 157.3 124.5 186.7
115 57.6 49.6 74.4



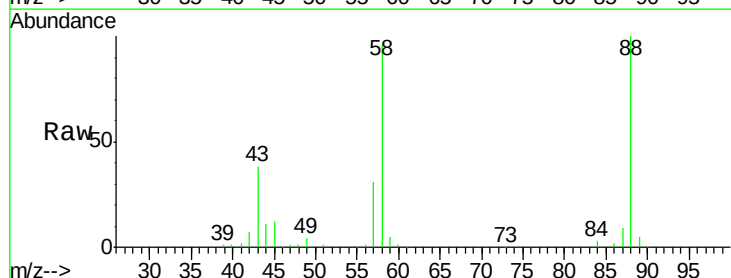
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



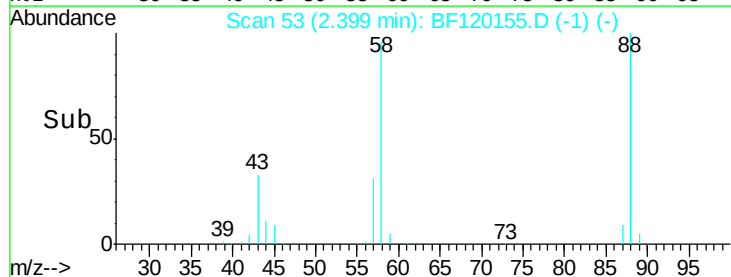
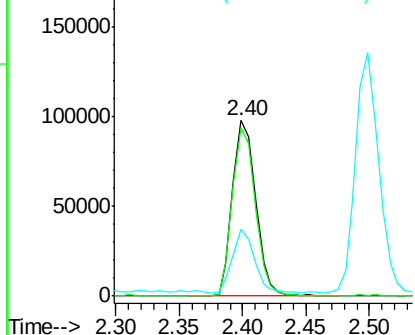
#2

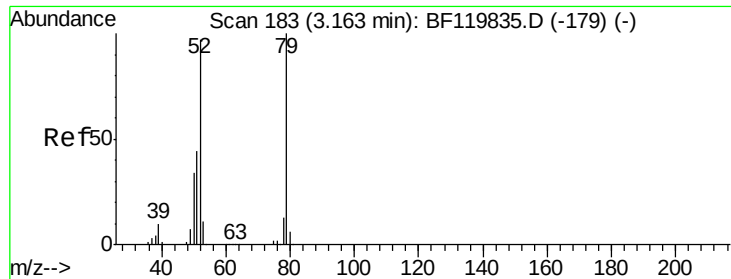
1,4-Dioxane
Concen: 33.277 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.12 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion: 88 Resp: 124775
Ion Ratio Lower Upper
88 100
58 94.0 80.6 121.0
43 34.3 27.5 41.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.933 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.11 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

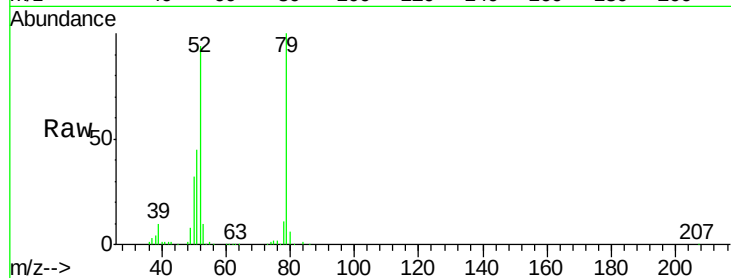
Tot Ion: 79 Resp: 287369

Ion Ratio Lower Upper

79 100

52 93.9 80.2 120.2

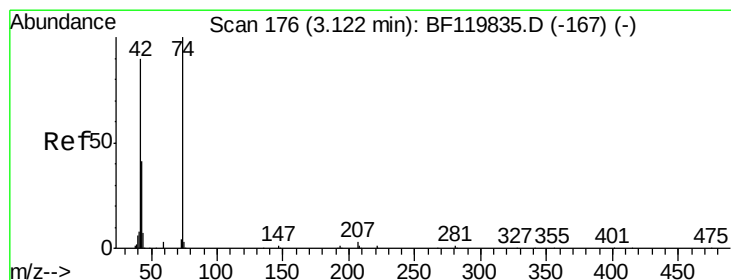
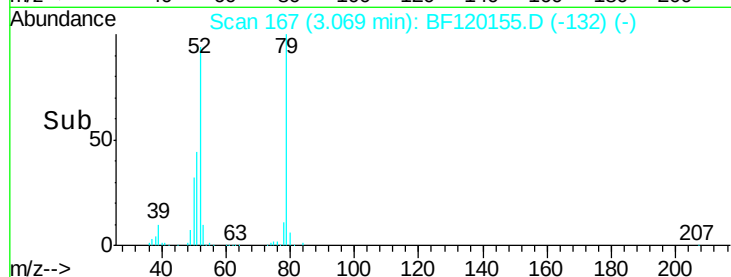
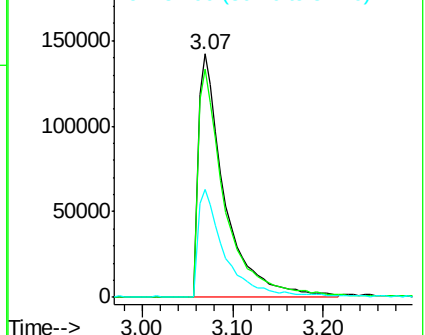
51 44.5 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.643 ng

RT: 3.00 min Scan# 156

Delta R.T. 0.08 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

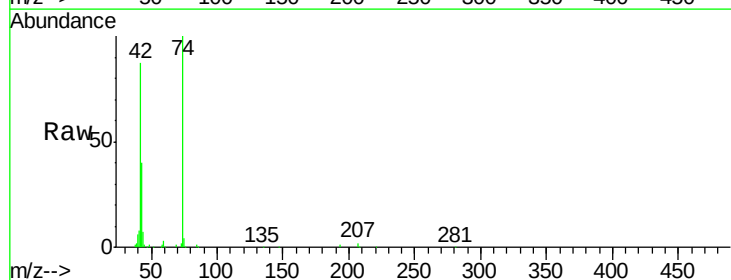
Tgt Ion: 42 Resp: 187348

Ion Ratio Lower Upper

42 100

74 115.2 91.5 137.3

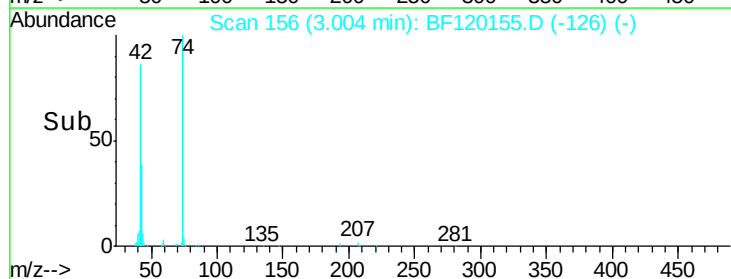
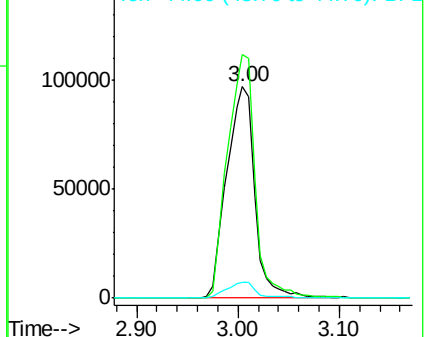
44 7.5 6.2 9.4

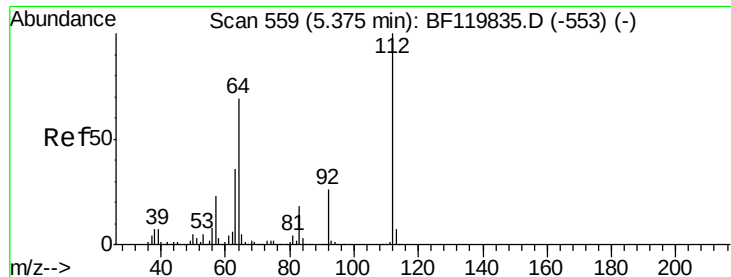


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 106.272 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

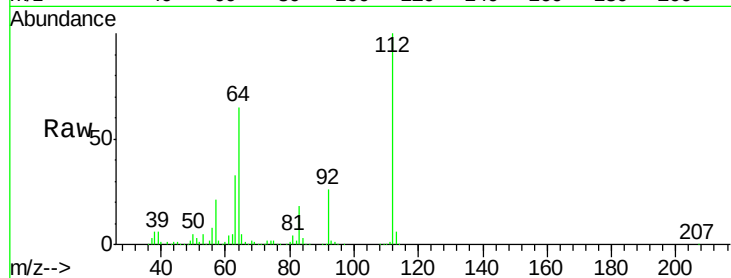
Tot Ion:112 Resp: 894659

Ion Ratio Lower Upper

112 100

64 65.5 56.7 85.1

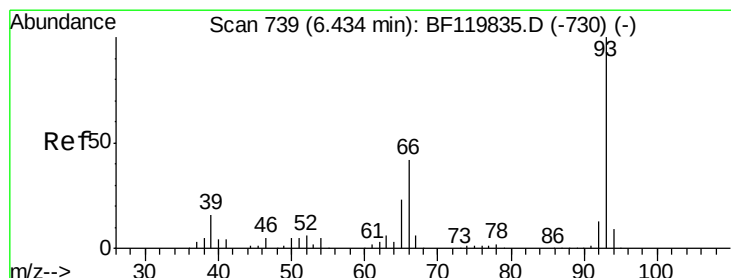
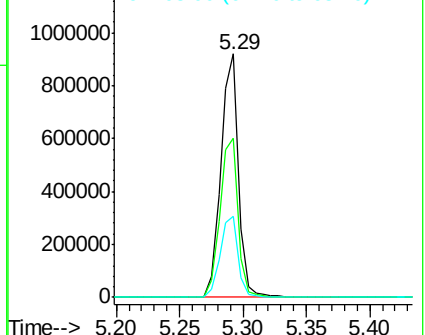
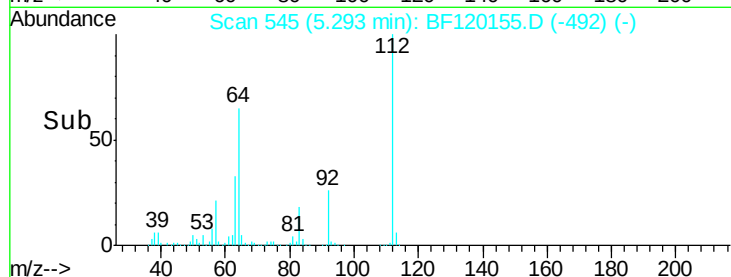
63 33.5 29.5 44.3



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: 27.347 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

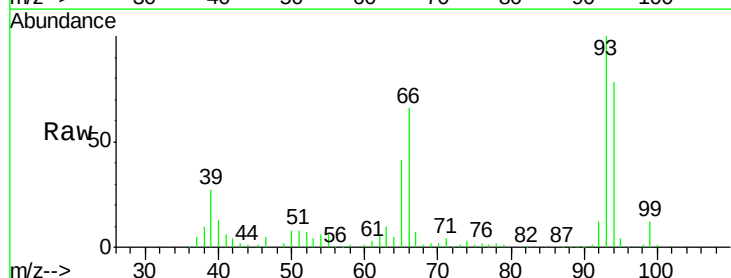
Tgt Ion: 93 Resp: 389364

Ion Ratio Lower Upper

93 100

66 65.5 34.9 52.3#

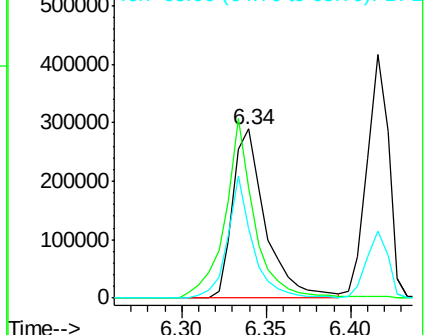
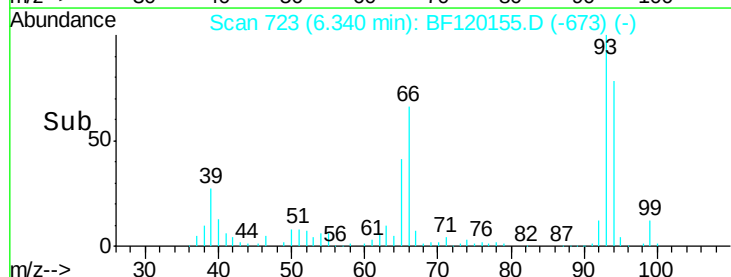
65 41.3 18.6 27.8#

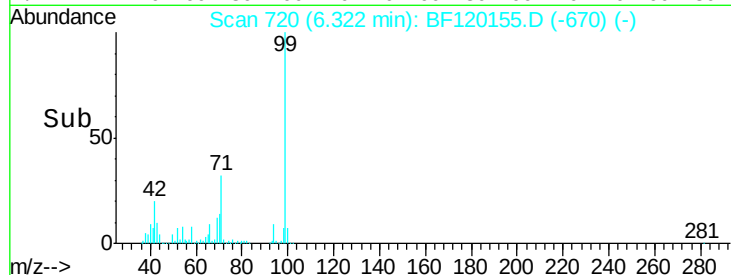
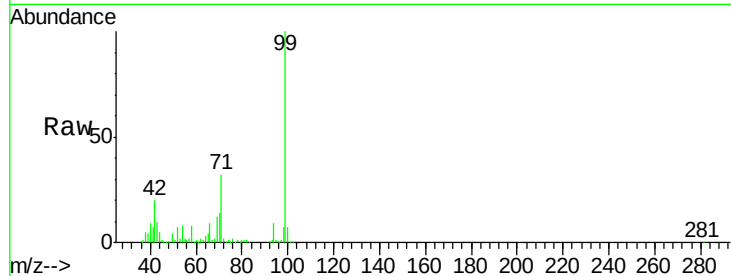
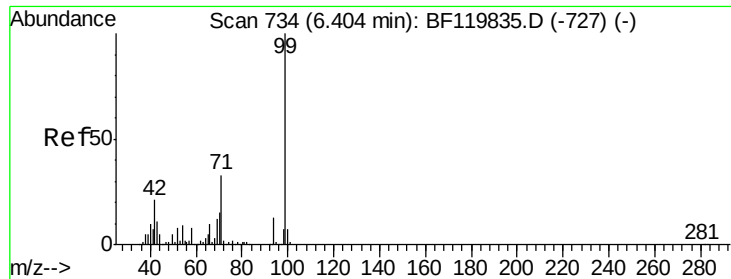


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.343 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

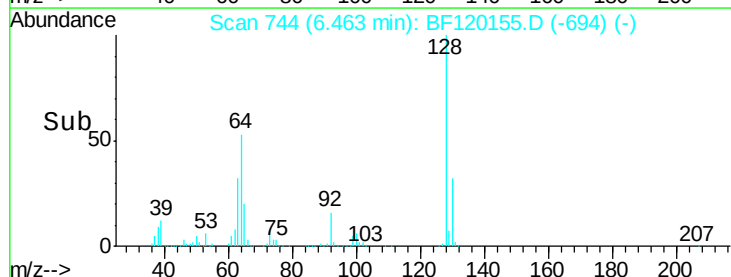
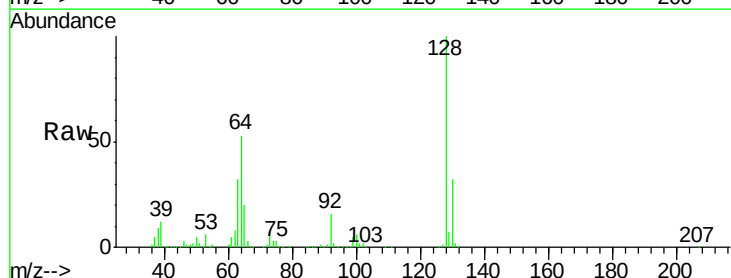
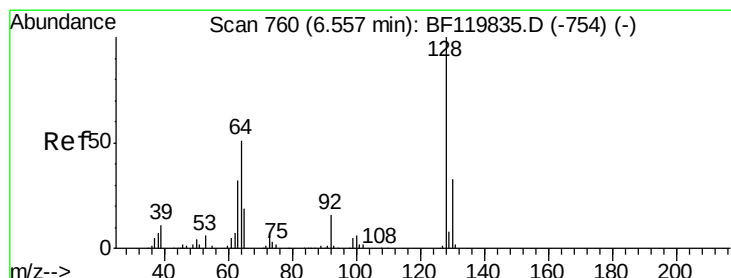
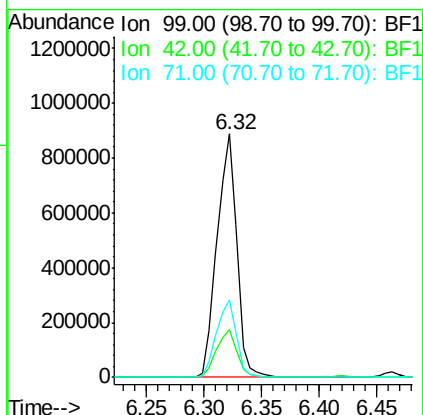
BNA_F

ClientSampleId :

TR-05-042020MS

Tot Ion: 99 Resp: 1055951

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.6	24.8
71	31.9	26.4	39.6



#8

2-Chlorophenol

Concen: 41.190 ng

RT: 6.46 min Scan# 744

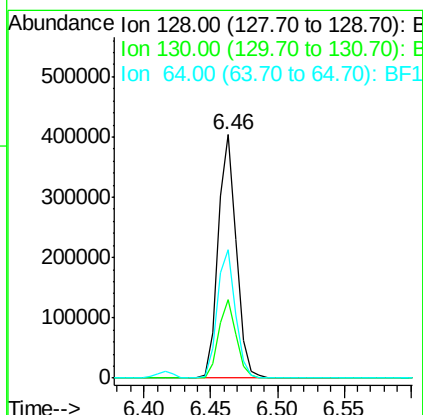
Delta R.T. -0.01 min

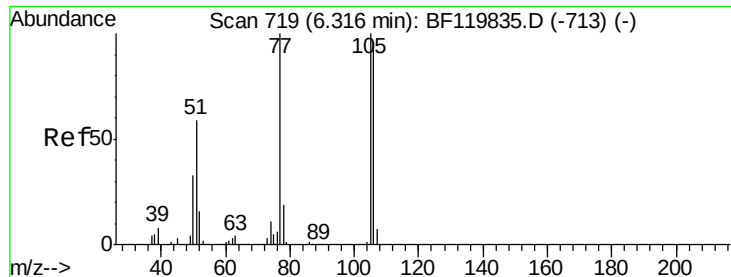
Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion: 128 Resp: 387445

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	52.9	35.3	75.3





#9

Benzaldehyde

Concen: 10.954 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

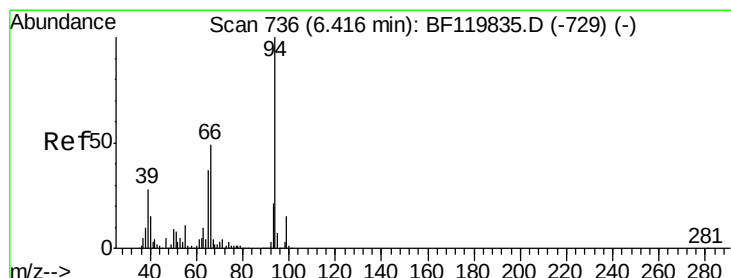
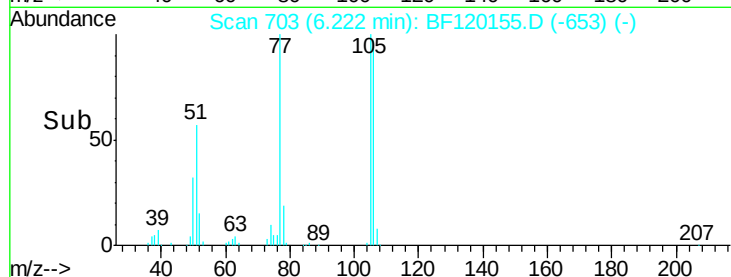
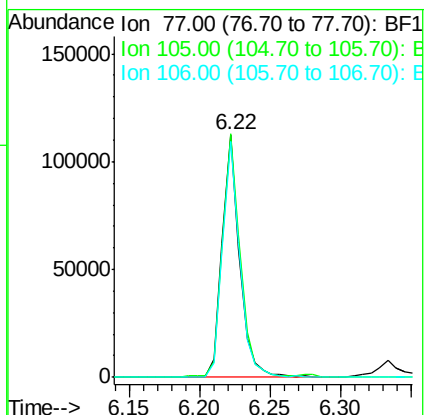
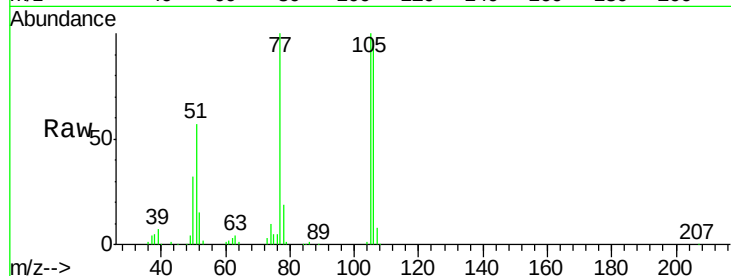
Tot Ion: 77 Resp: 97349

Ion Ratio Lower Upper

77 100

105 100.4 80.9 120.9

106 97.4 77.9 117.9



#10

Phenol

Concen: 34.840 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

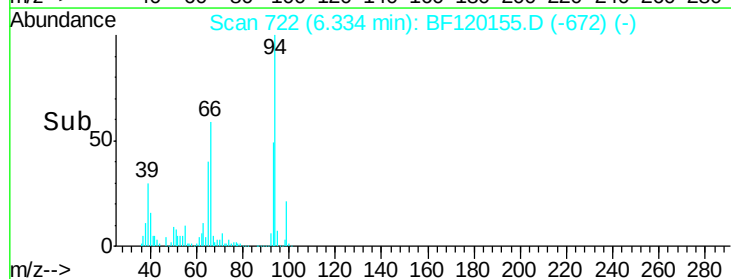
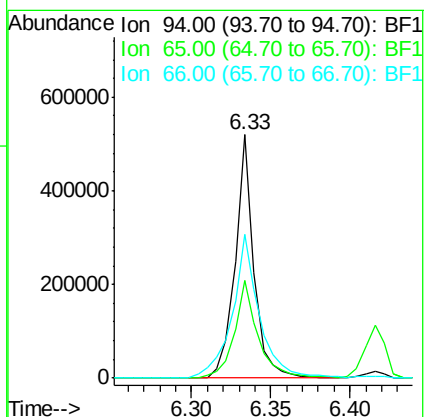
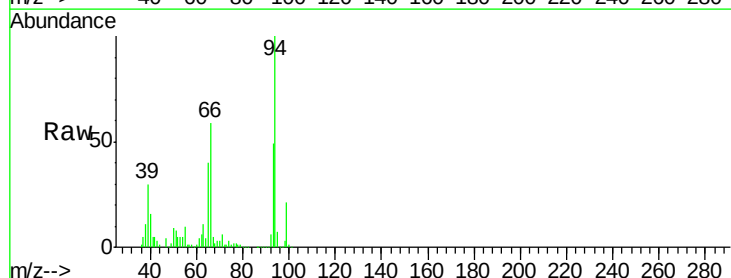
Tgt Ion: 94 Resp: 428765

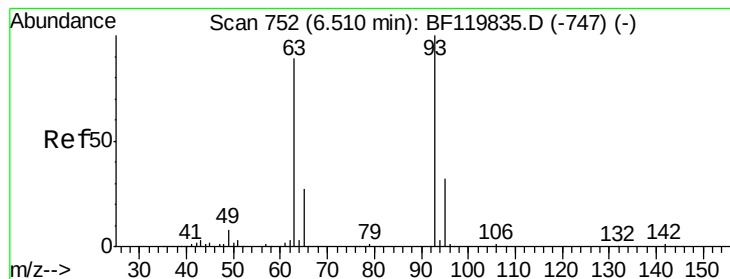
Ion Ratio Lower Upper

94 100

65 40.3 13.2 53.2

66 59.0 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 39.165 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

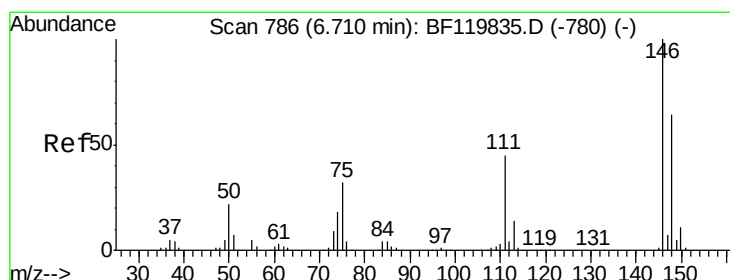
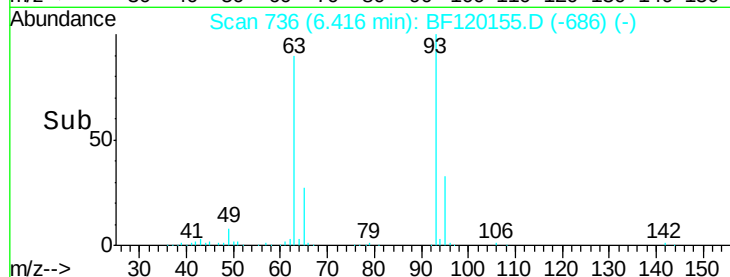
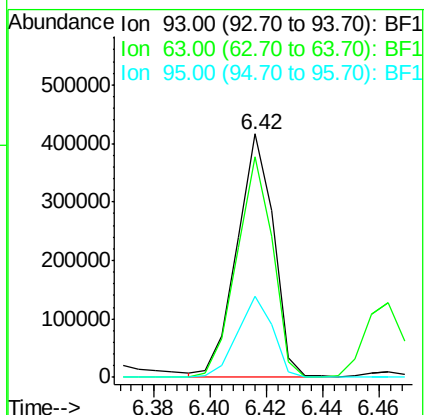
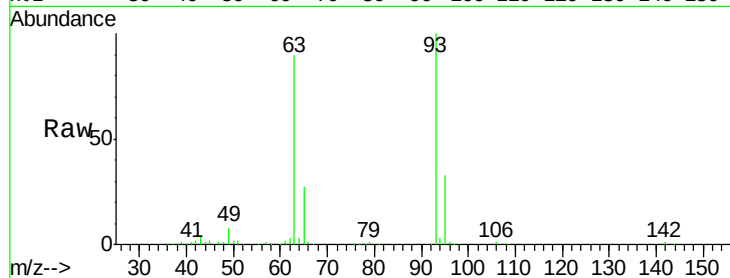
Tot Ion: 93 Resp: 372153

Ion Ratio Lower Upper

93 100

63 90.4 70.2 110.2

95 33.3 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 34.217 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

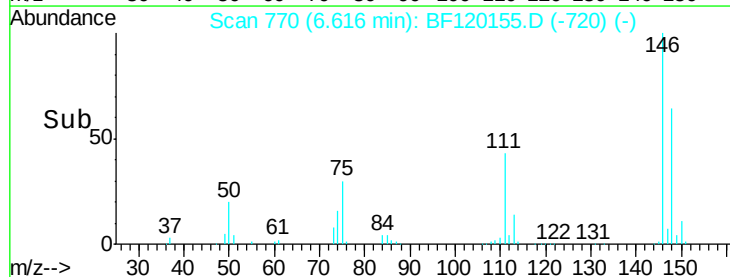
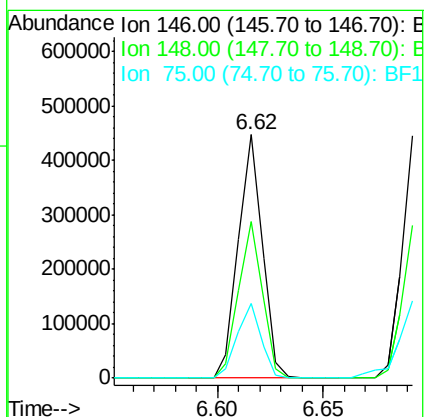
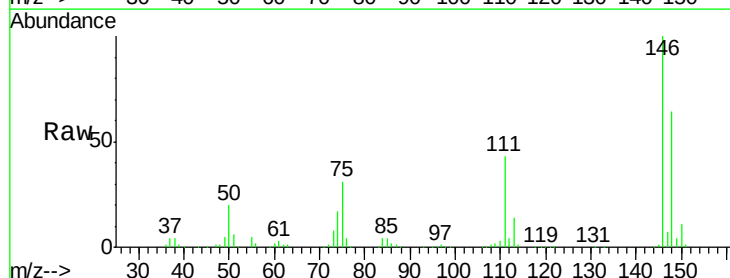
Tgt Ion: 146 Resp: 352366

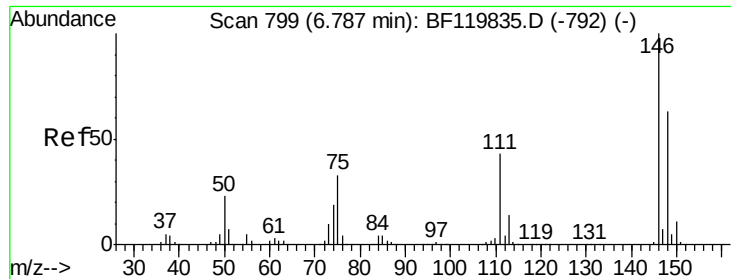
Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.4

75 30.9 23.0 34.4

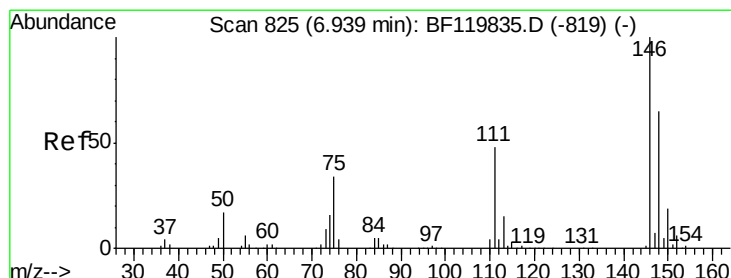
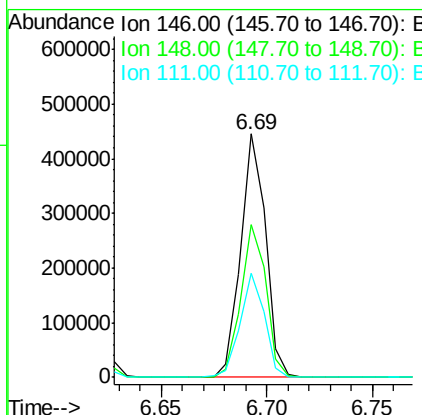
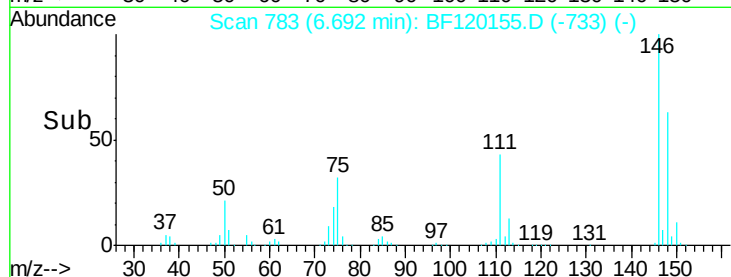
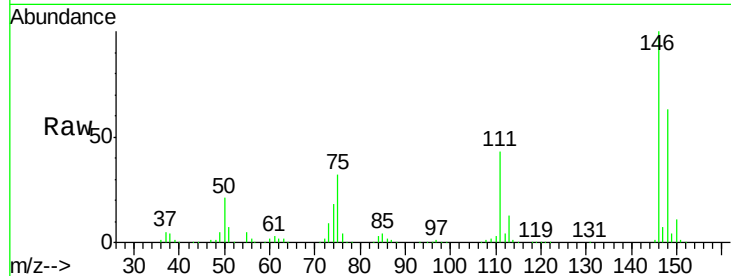




#13
 1,4-Dichlorobenzene
 Concen: 34.521 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

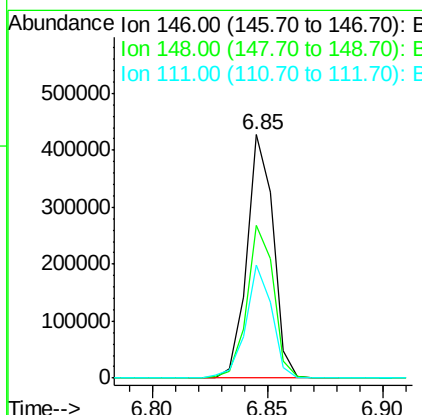
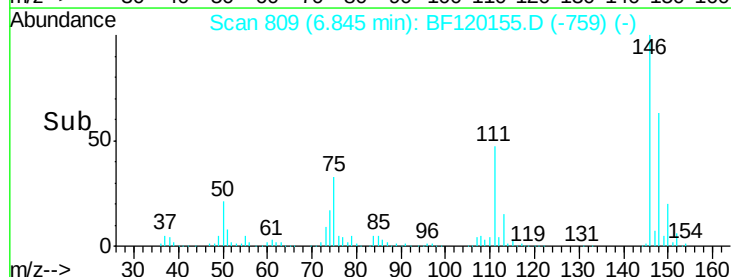
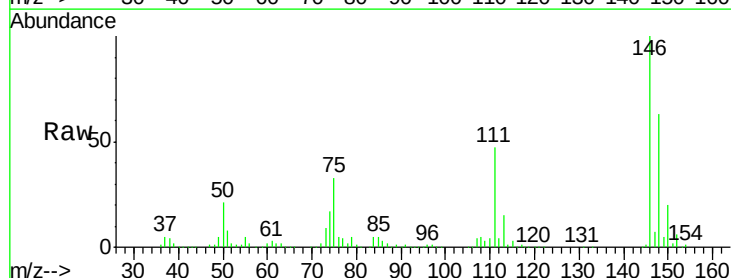
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

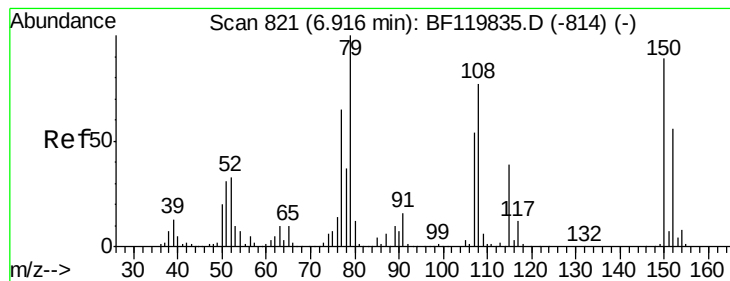
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.5	77.3
111	42.8	33.3	49.9



#14
 1,2-Dichlorobenzene
 Concen: 35.280 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	46.6	36.1	54.1





#15

Benzyl Alcohol

Concen: 38.544 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

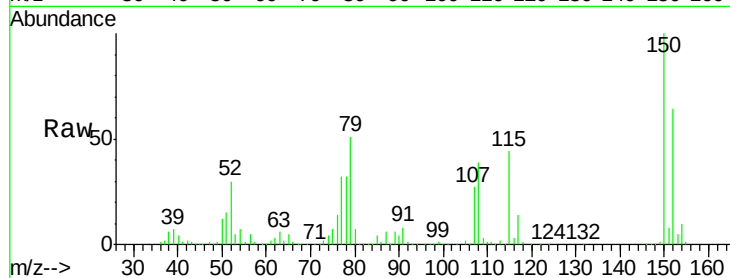
Tot Ion: 79 Resp: 324749

Ion Ratio Lower Upper

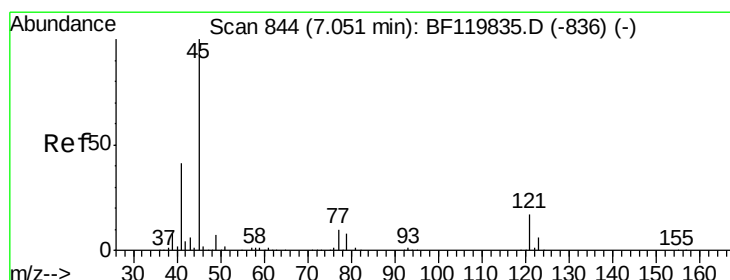
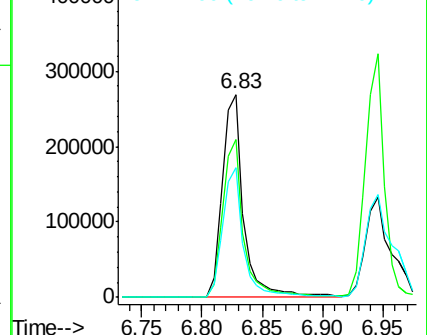
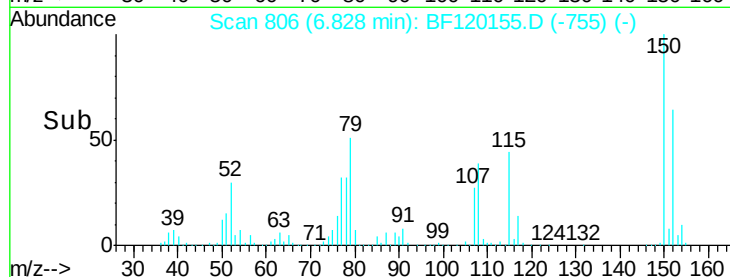
79 100

108 77.8 60.6 90.8

77 63.9 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: 33.544 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

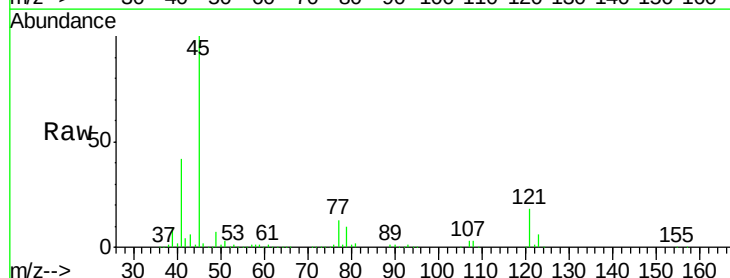
Tgt Ion: 45 Resp: 620242

Ion Ratio Lower Upper

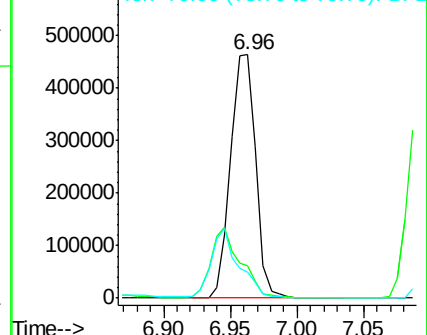
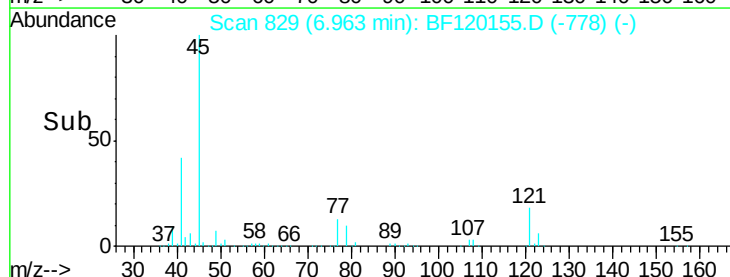
45 100

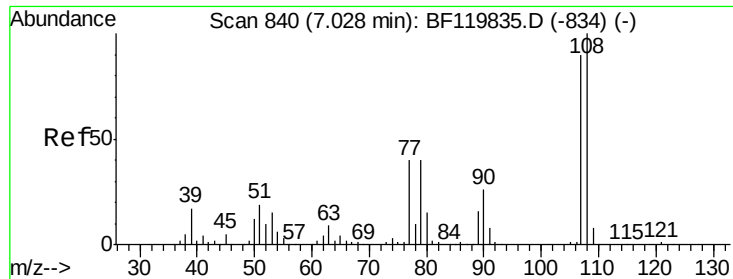
77 13.2 0.0 30.7

79 10.4 0.0 28.2



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

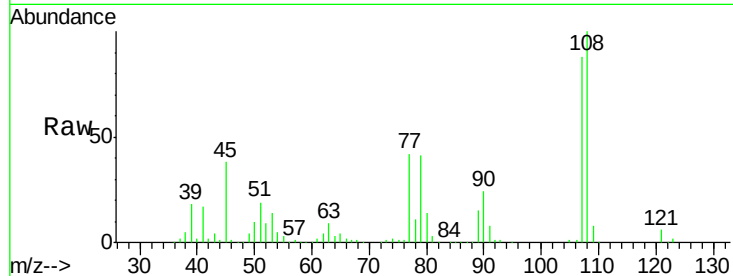




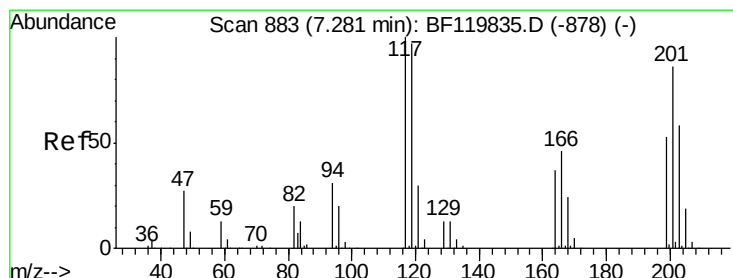
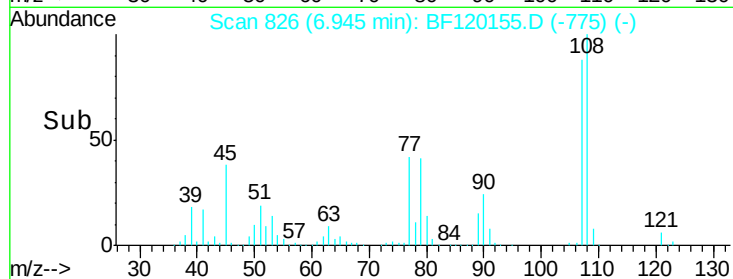
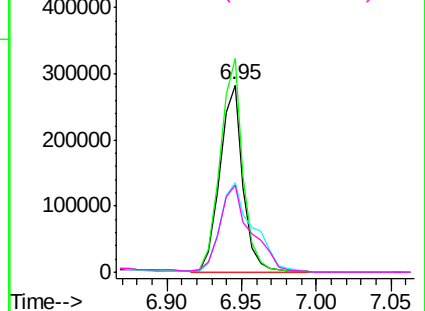
#17
2-Methylphenol
Concen: 36.780 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tot Ion:	107	Resp:	308746
Ion	Ratio	Lower	Upper
107	100		
108	114.3	92.2	138.4
77	48.0	36.6	54.8
79	46.9	36.2	54.4

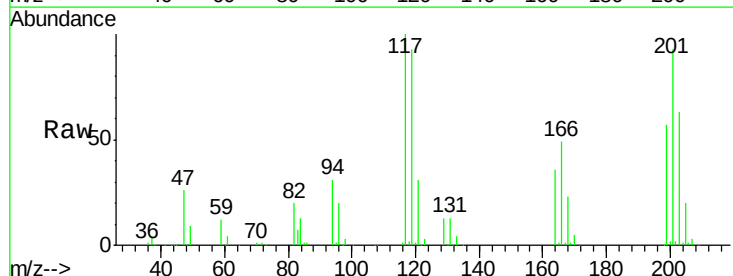


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

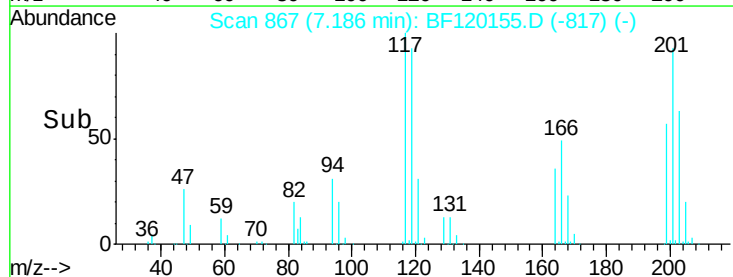
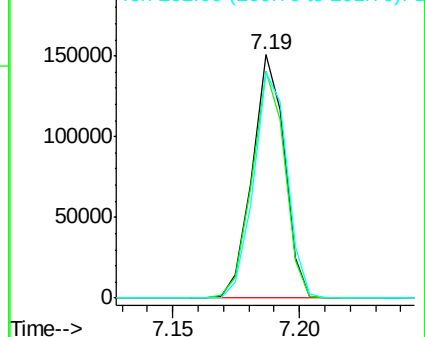


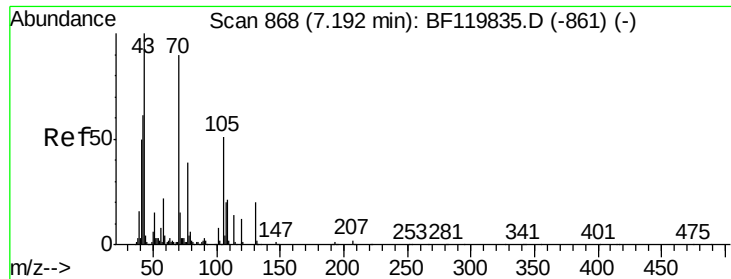
#18
Hexachloroethane
Concen: 34.230 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:	117	Resp:	134195
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.1	114.1
201	92.7	73.0	109.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

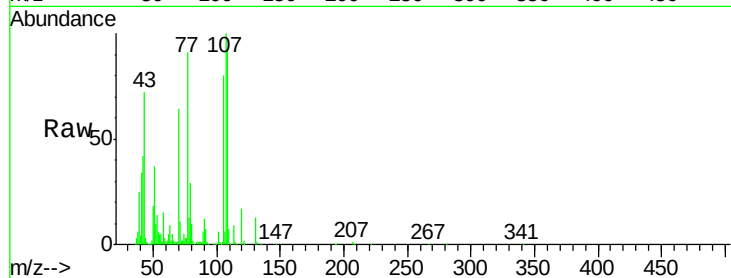




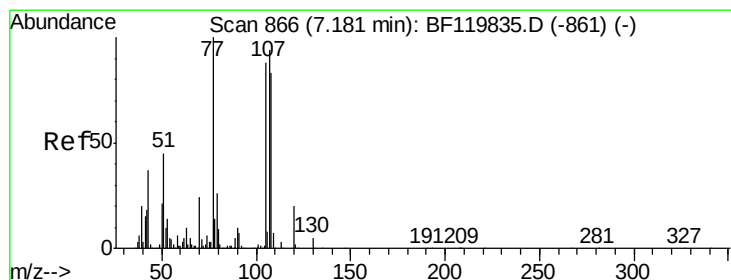
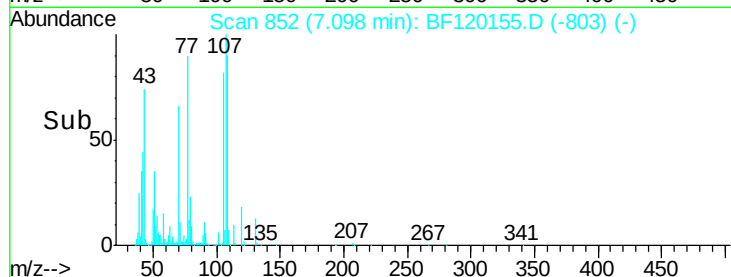
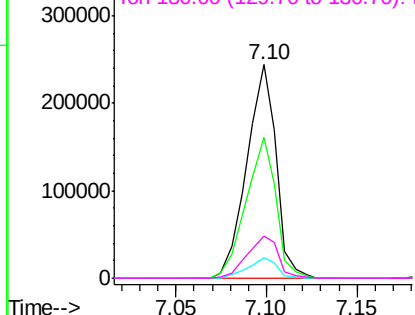
#19
n-Nitroso-di-n-propylamine
Concen: 39.241 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tot Ion:	70	Resp:	273728
Ion	Ratio	Lower	Upper
70	100		
42	66.0	54.5	81.7
101	9.6	7.6	11.4
130	20.1	17.6	26.4

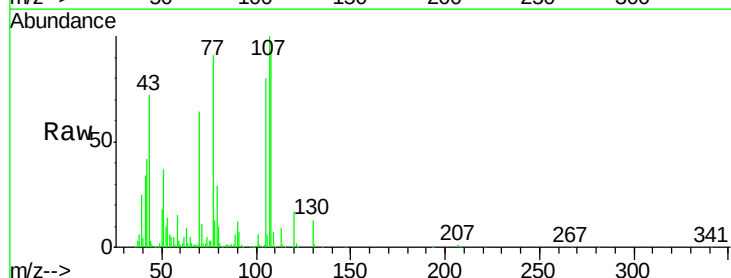


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

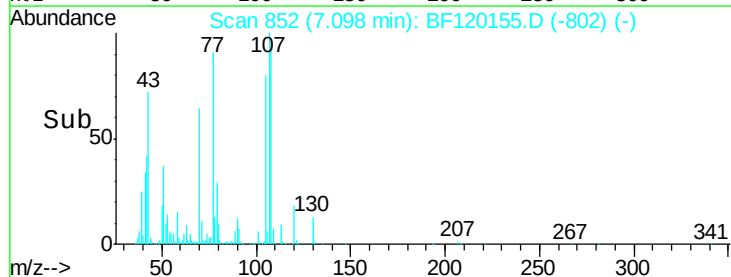
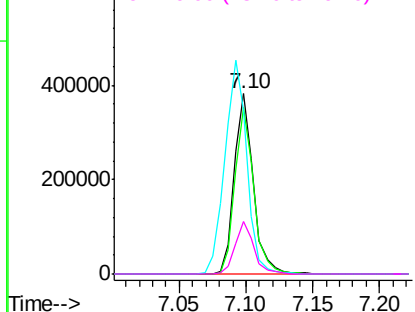


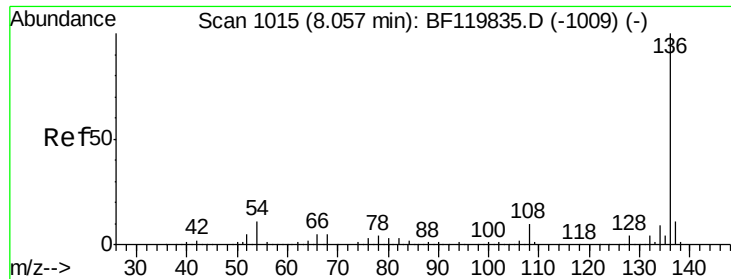
#20
3+4-Methylphenols
Concen: 37.310 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:	107	Resp:	383043
Ion	Ratio	Lower	Upper
107	100		
108	92.4	67.9	107.9
77	91.3	52.9	92.9
79	29.3	7.7	47.7



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

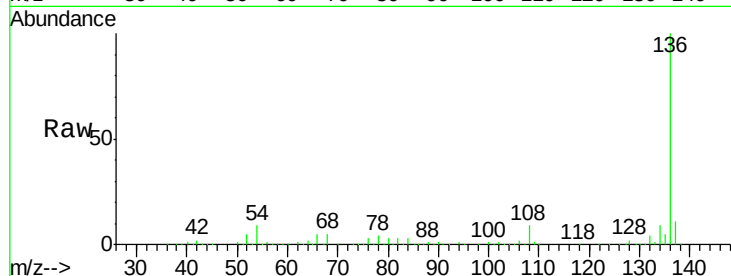




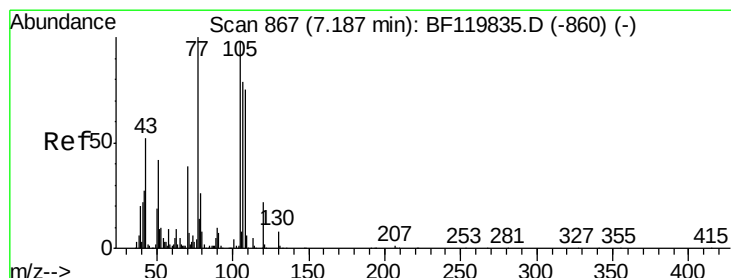
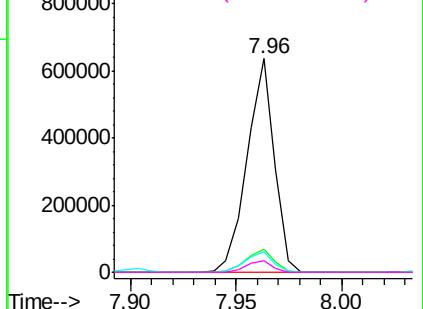
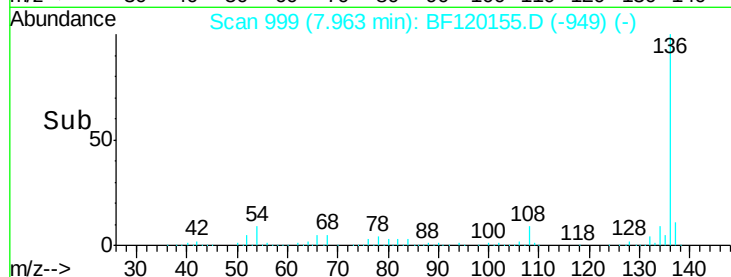
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tot Ion:136	Resp:	567088
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	9.5	9.1 13.7
68	5.4	4.6 6.8

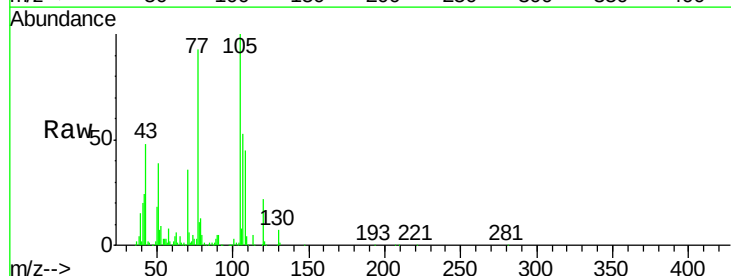


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

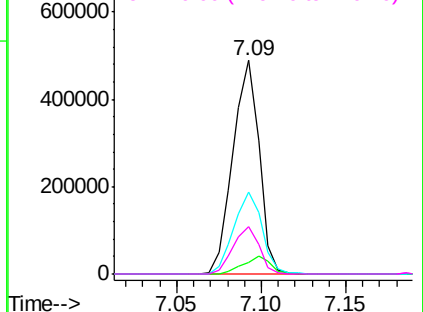
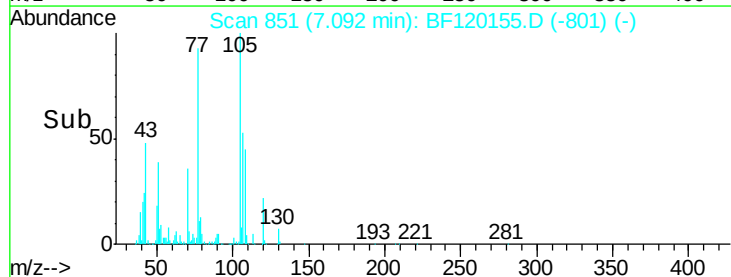


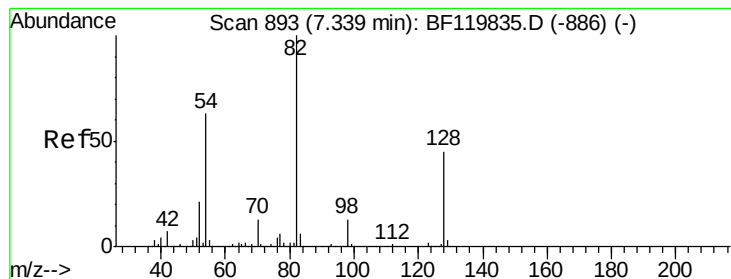
#22
Acetophenone
Concen: 39.840 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:105	Resp:	529053
Ion Ratio	Lower	Upper
105	100	
71	5.7	5.7 8.5#
51	38.5	26.2 39.4
120	22.3	18.3 27.5



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: 70.161 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

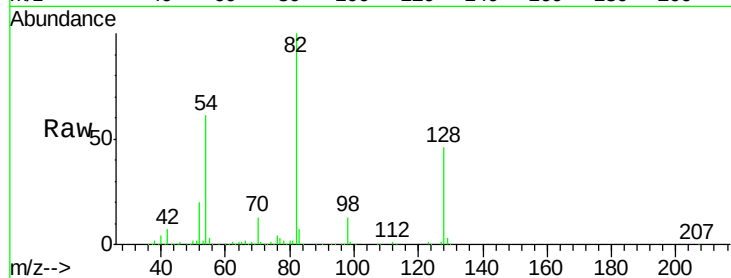
Tot Ion: 82 Resp: 769088

Ion Ratio Lower Upper

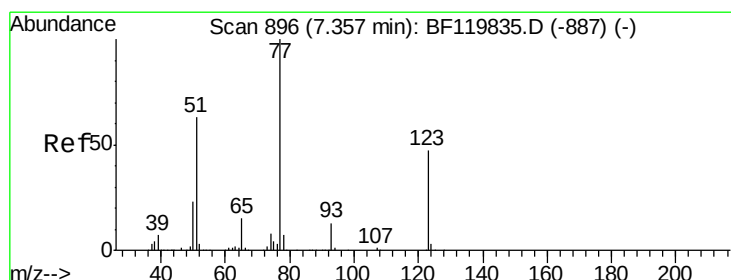
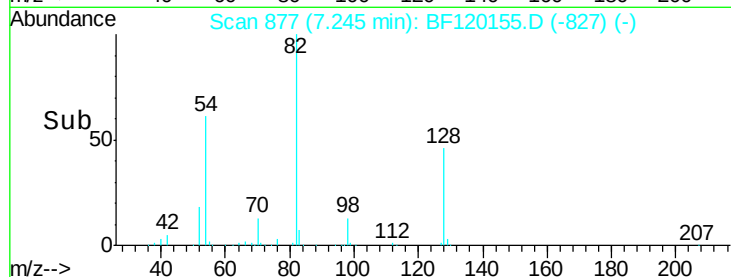
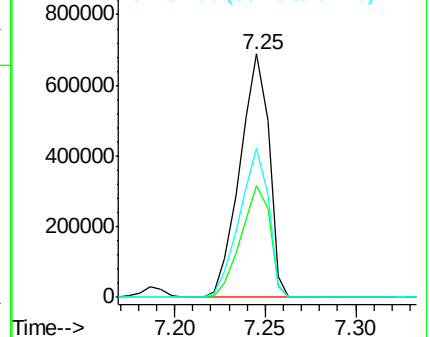
82 100

128 46.0 36.3 54.5

54 61.3 50.6 75.8



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



#24

Nitrobenzene

Concen: 37.159 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

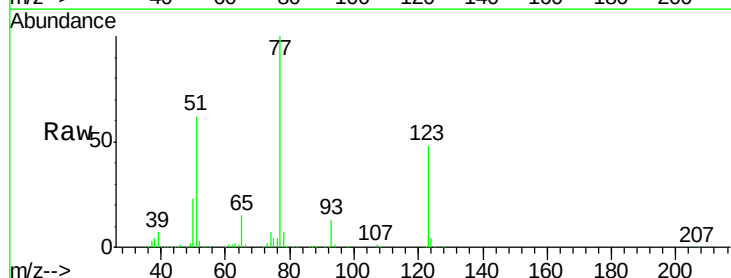
Tgt Ion: 77 Resp: 409756

Ion Ratio Lower Upper

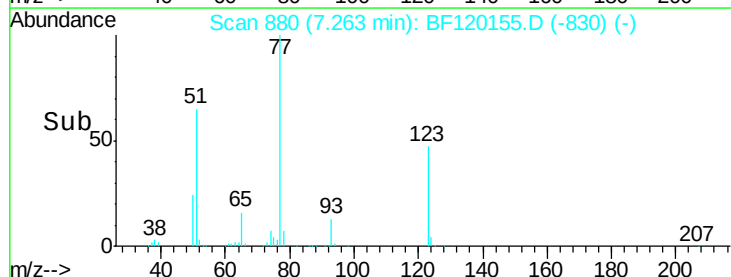
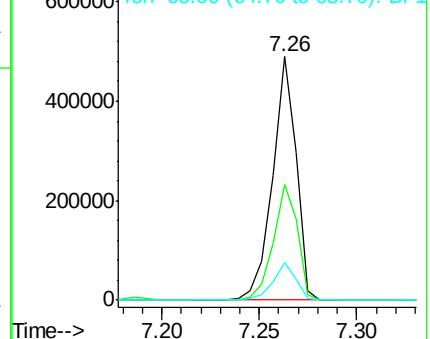
77 100

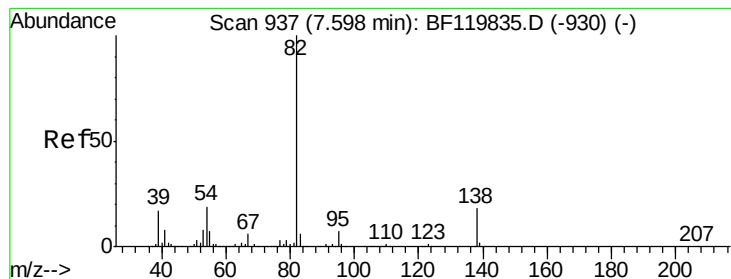
123 47.7 38.0 57.0

65 15.3 12.6 18.8



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





#25

Isophorone

Concen: 36.090 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

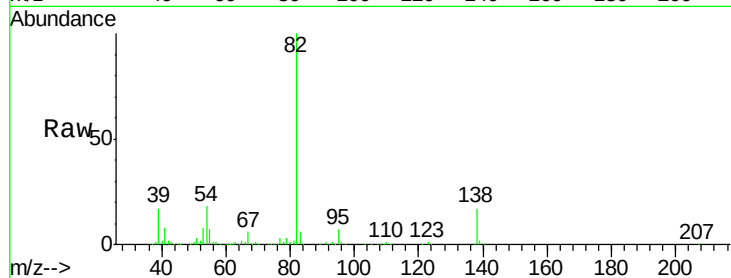
Tot Ion: 82 Resp: 762622

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

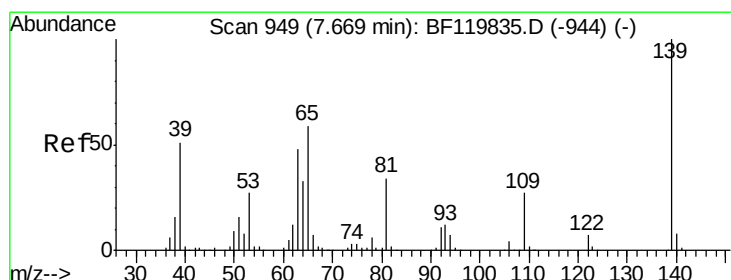
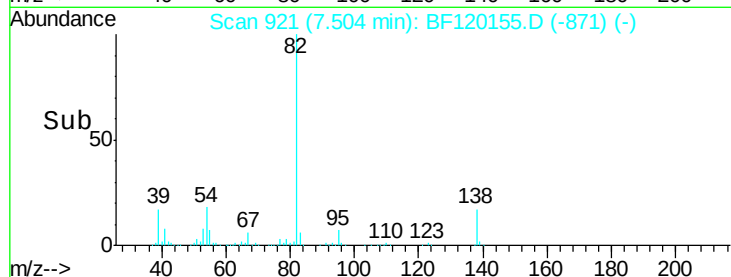
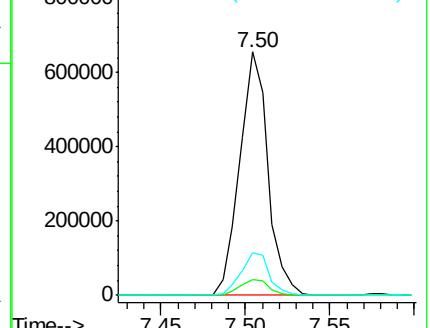
138 17.3 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.149 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

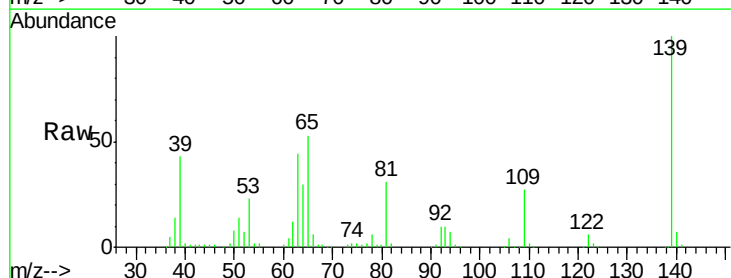
Tgt Ion: 139 Resp: 210167

Ion Ratio Lower Upper

139 100

109 26.7 22.1 33.1

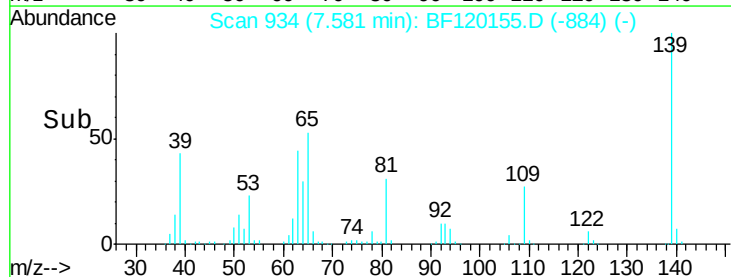
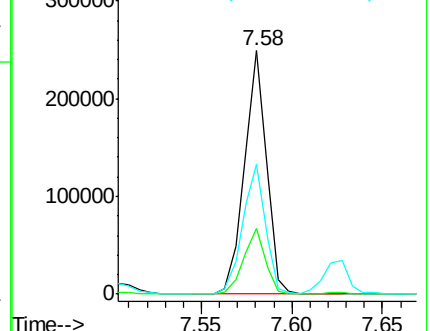
65 53.2 49.2 73.8

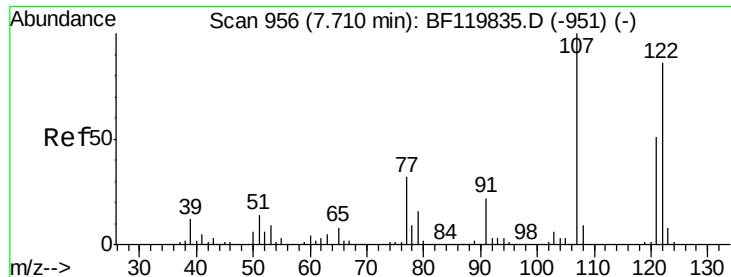


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

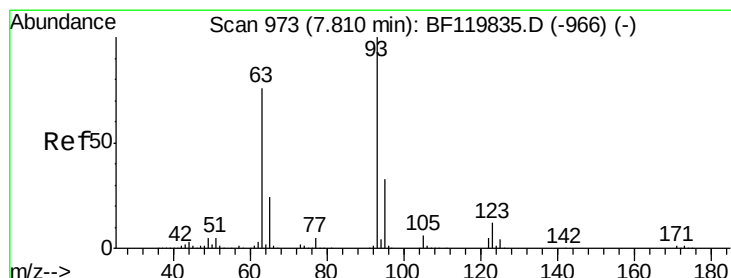
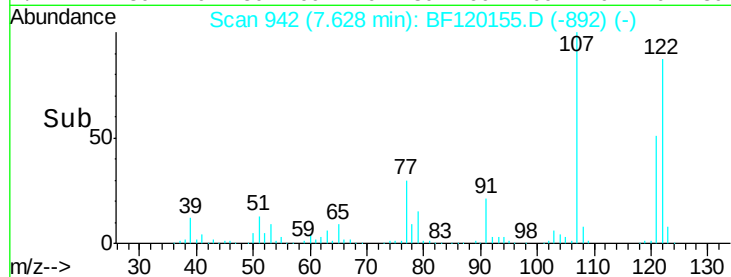
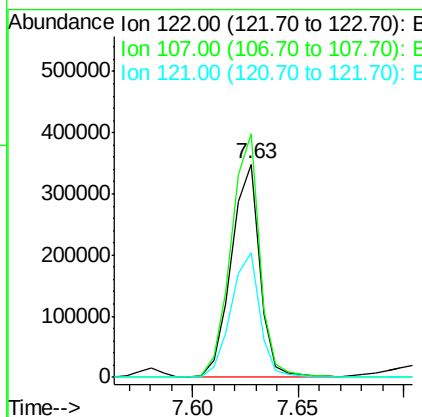
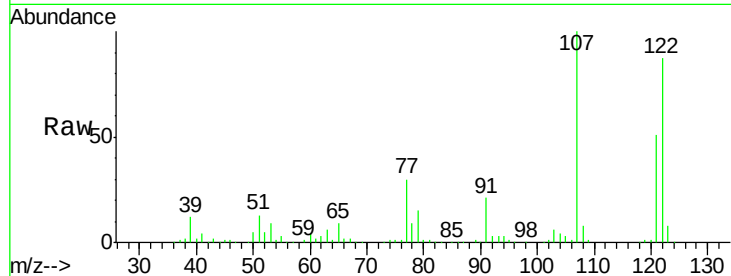




#27
 2,4-Dimethylphenol
 Concen: 39.319 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

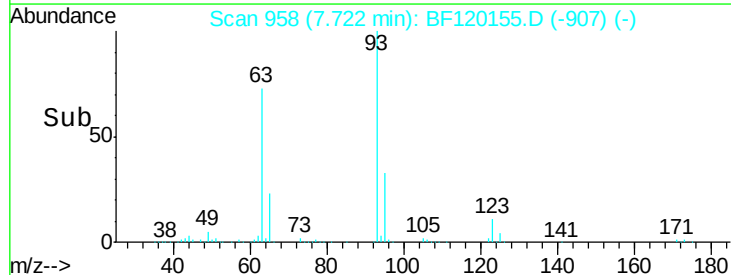
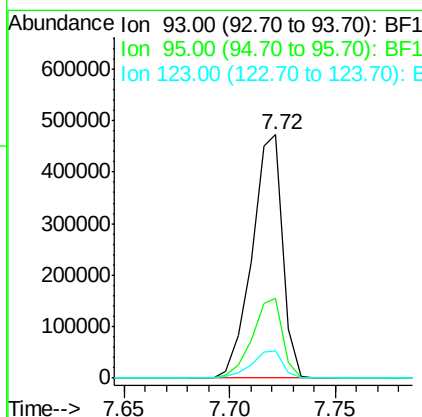
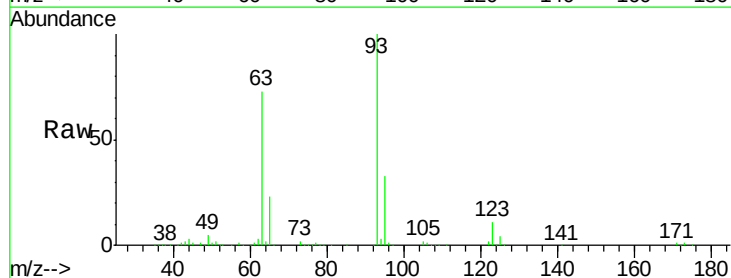
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

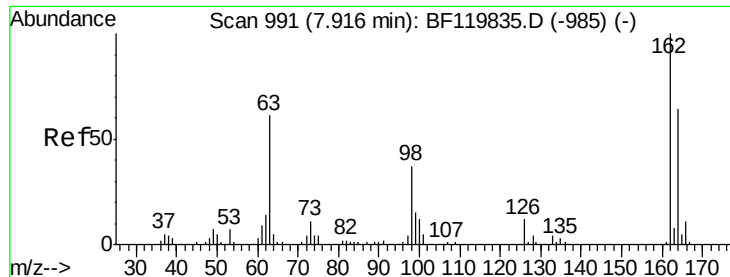
Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	114.3	89.0	133.6	
121	58.8	46.7	70.1	



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.106 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	32.6	26.3	39.5	
123	11.5	9.7	14.5	

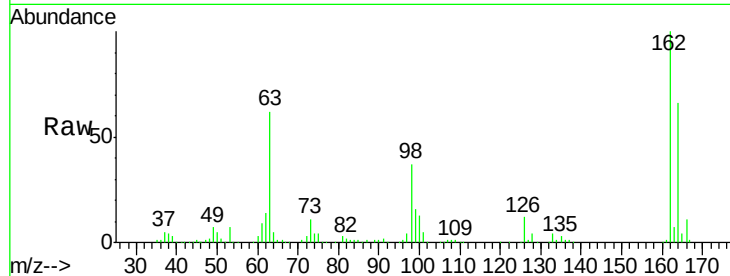




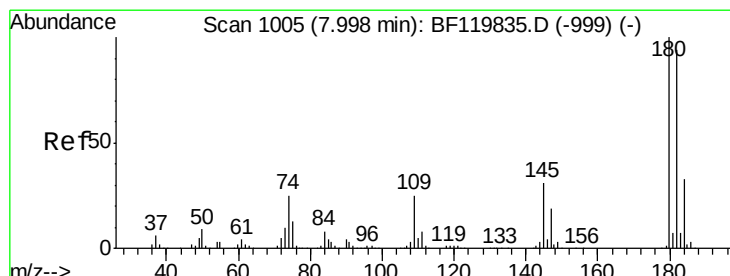
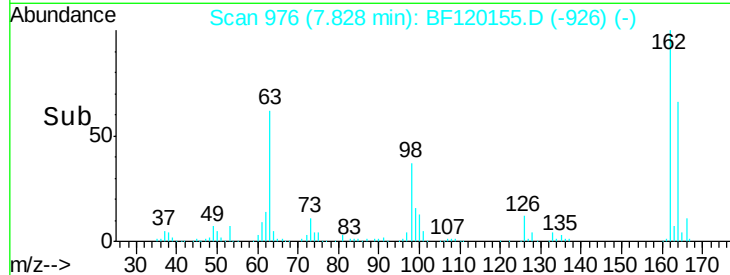
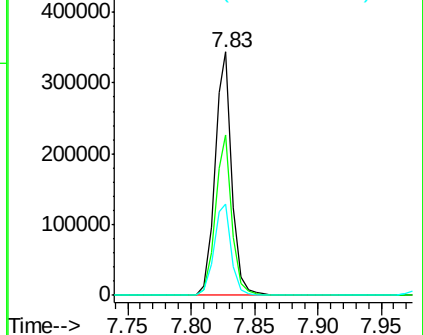
#29
2,4-Dichlorophenol
Concen: 37.670 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tot Ion:162 Resp: 320821
Ion Ratio Lower Upper
162 100
164 65.8 44.7 84.7
98 37.4 20.7 60.7

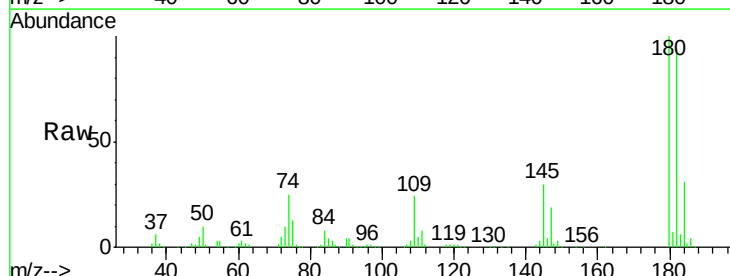


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

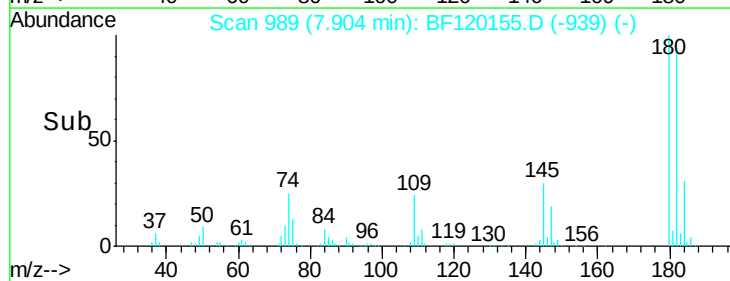
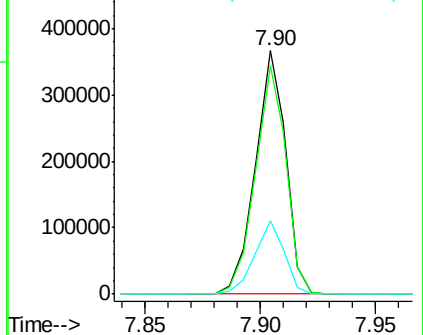


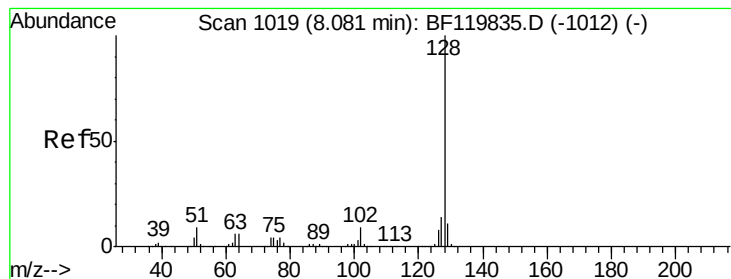
#30
1,2,4-Trichlorobenzene
Concen: 34.799 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:180 Resp: 335811
Ion Ratio Lower Upper
180 100
182 93.8 74.7 112.1
145 30.2 24.5 36.7



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: 36.865 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

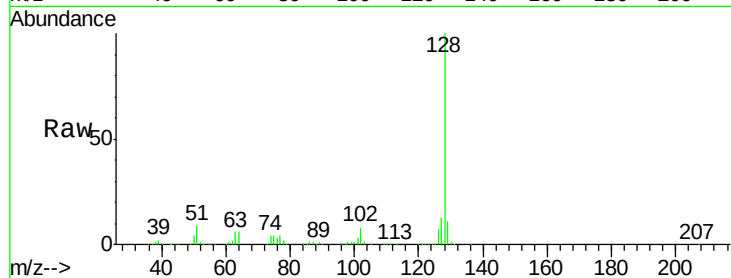
Tot Ion:128 Resp: 1099922

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

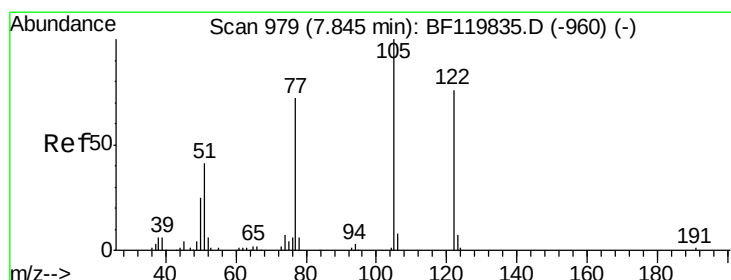
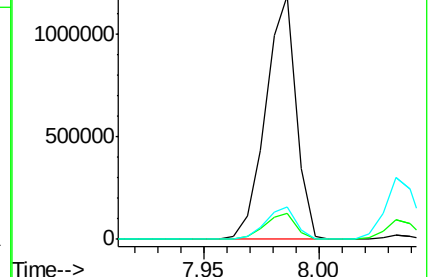
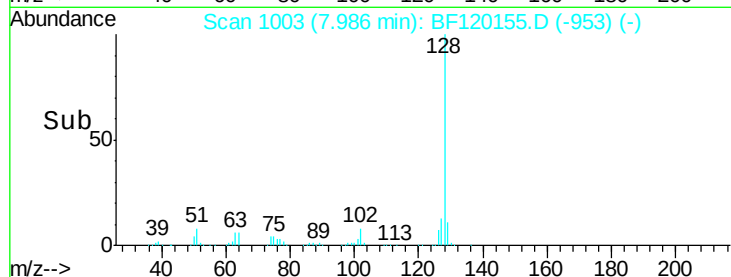
127 13.4 11.3 16.9



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: 5.288 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.06 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

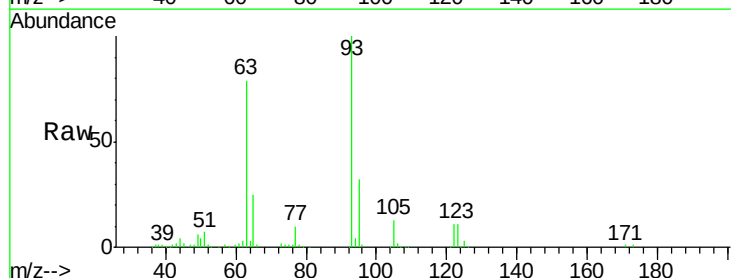
Tgt Ion:122 Resp: 38586

Ion Ratio Lower Upper

122 100

105 124.0 104.9 144.9

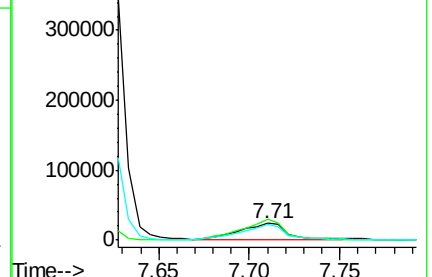
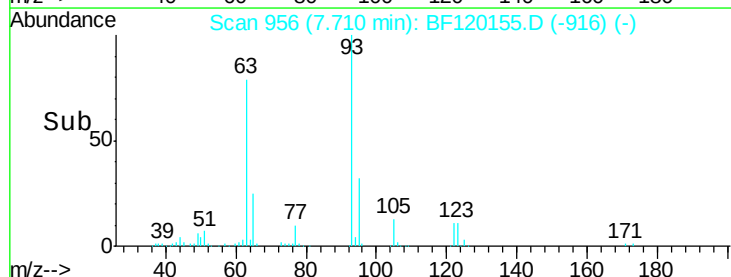
77 92.2 74.4 114.4

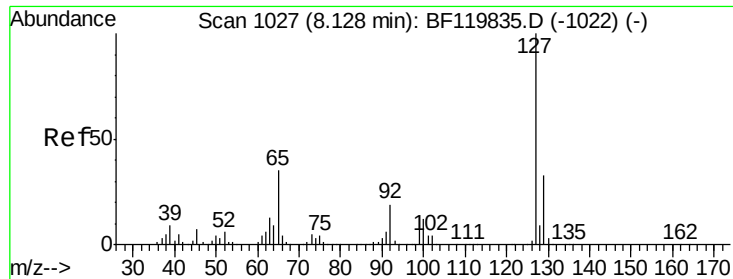


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

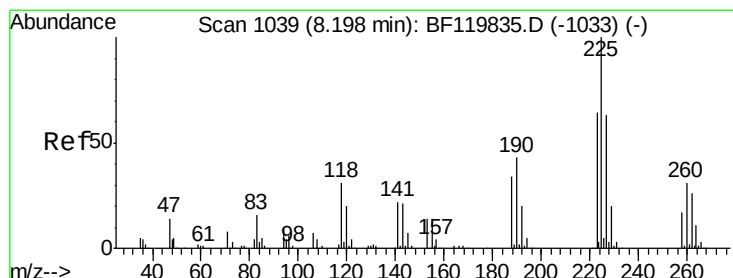
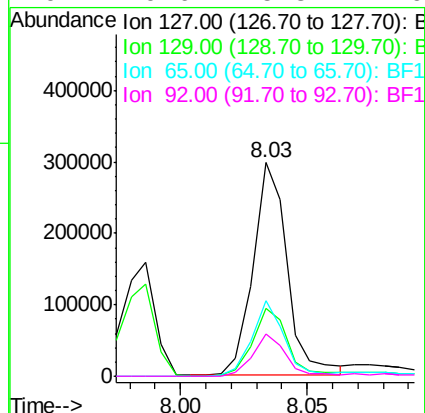
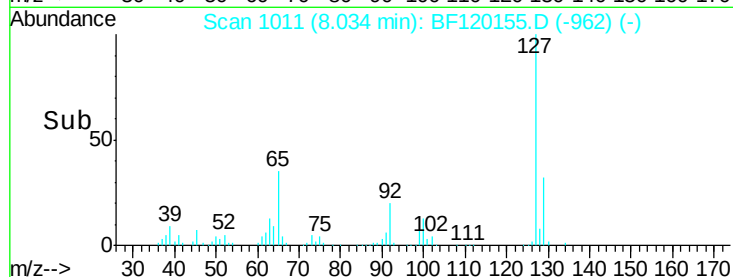
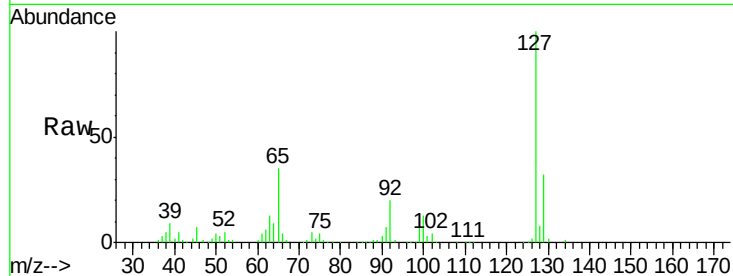




#33
4-Chloroaniline
Concen: 21.775 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

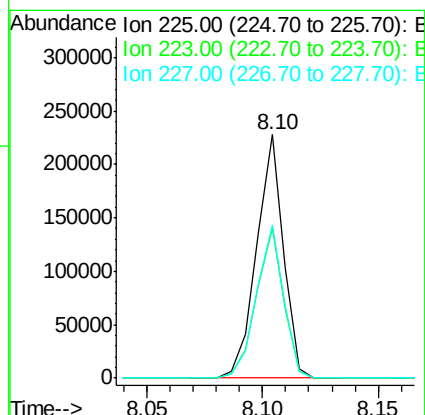
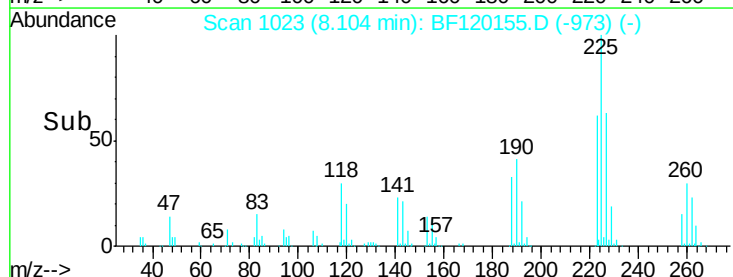
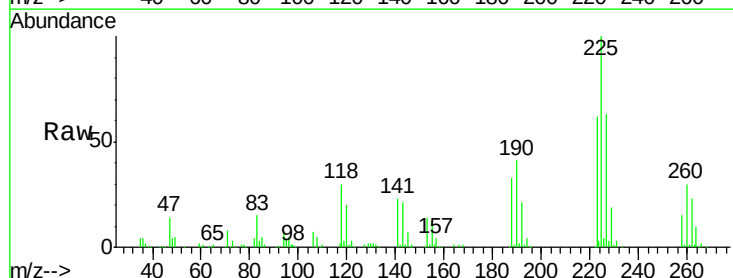
Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

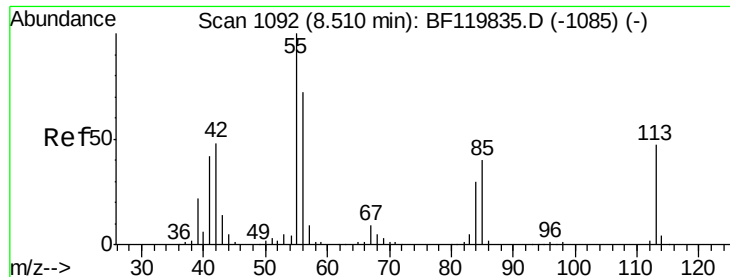
Tot Ion:	127	Resp:	282826
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	35.1	27.4	41.0
92	19.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 32.129 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:	225	Resp:	185598
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.6
227	62.7	50.7	76.1

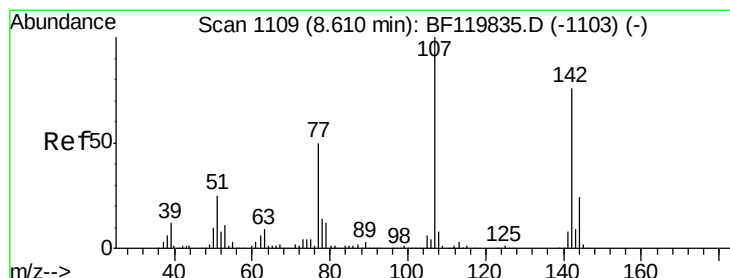
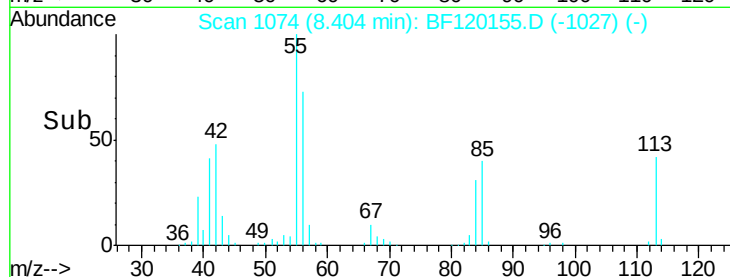
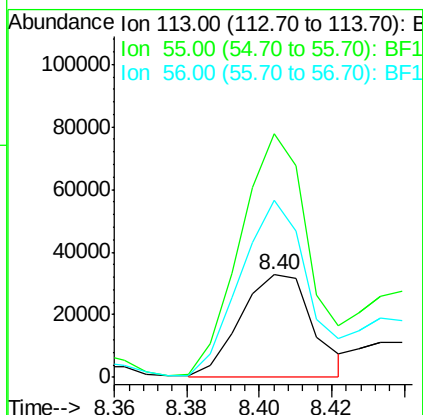
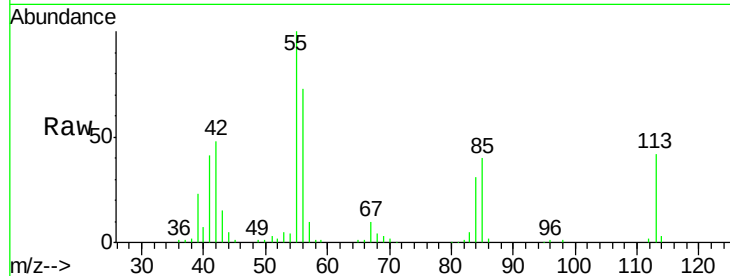




#35
 Caprolactam
 Concen: 17.527 ng
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.02 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

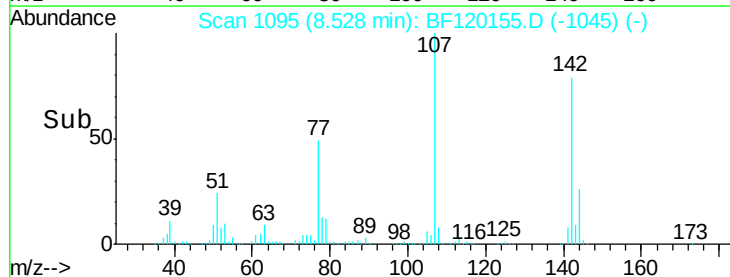
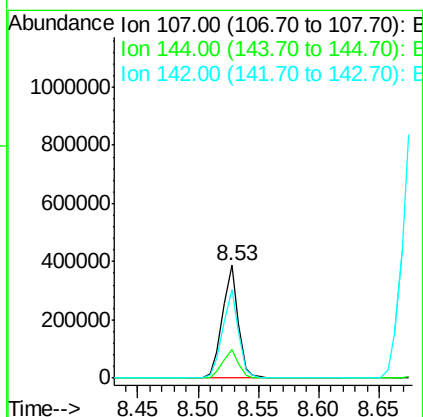
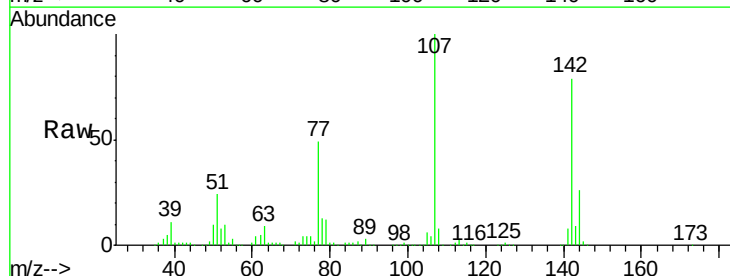
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

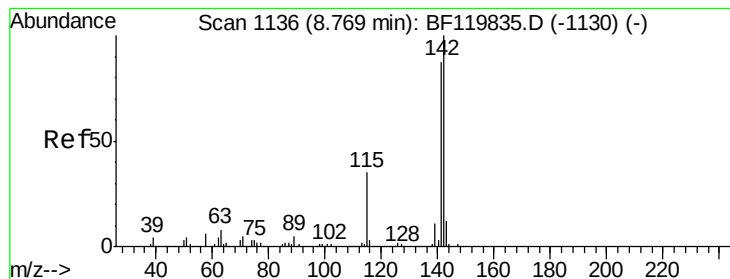
Tot Ion:113 Resp: 45661
 Ion Ratio Lower Upper
 113 100
 55 236.9 218.4 258.4
 56 172.4 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 37.928 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion:107 Resp: 349721
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.0 31.6
 142 79.4 64.4 96.6





#37

2-Methylnaphthalene

Concen: 37.077 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

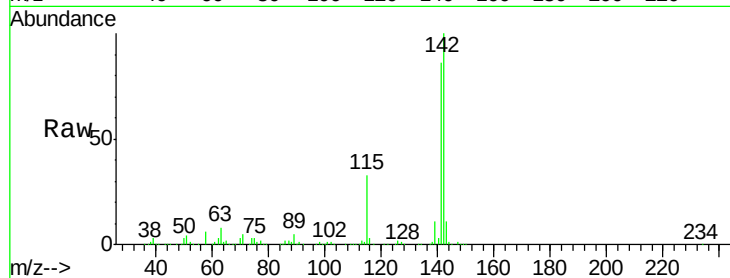
Tot Ion:142 Resp: 749991

Ion Ratio Lower Upper

142 100

141 86.4 71.7 107.5

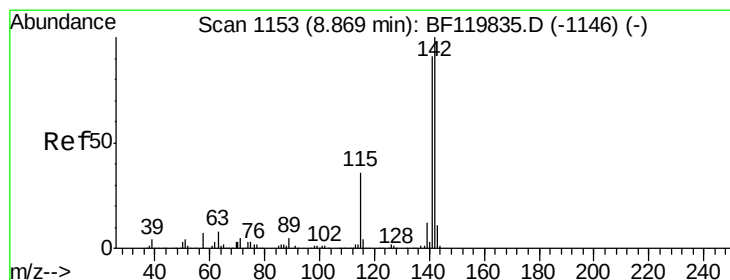
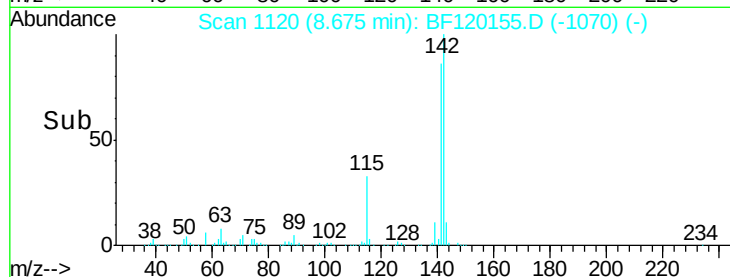
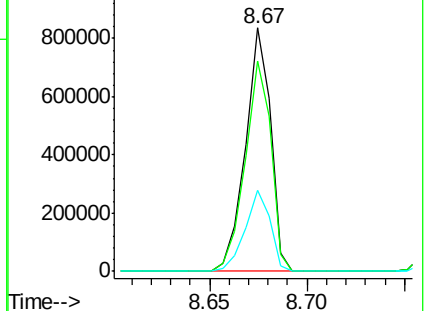
115 33.2 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.182 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

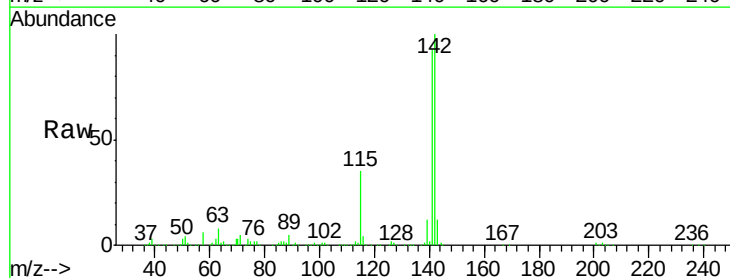
Tgt Ion:142 Resp: 708908

Ion Ratio Lower Upper

142 100

141 92.6 73.7 110.5

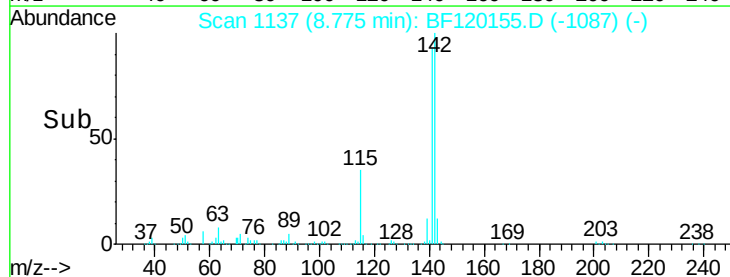
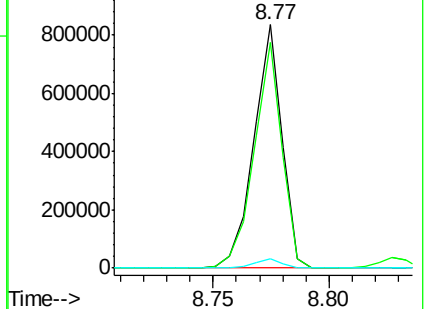
116 3.6 3.0 4.6

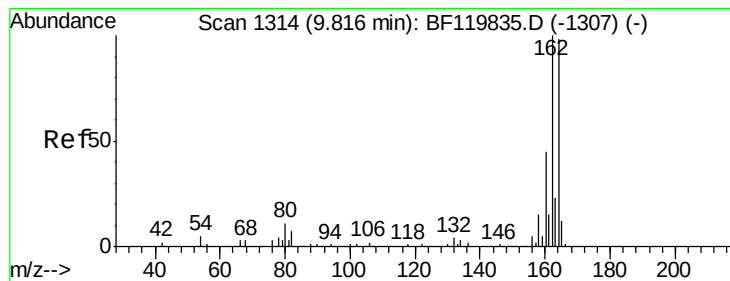


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

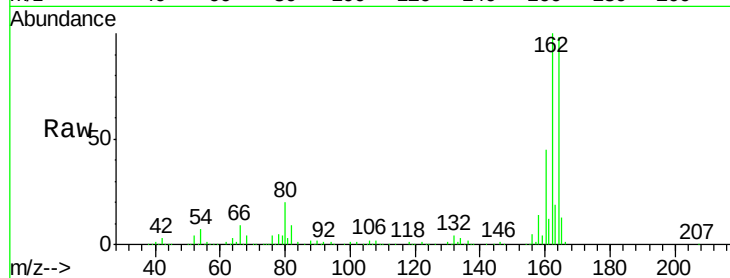
Tot Ion:164 Resp: 282060

Ion Ratio Lower Upper

164 100

162 101.9 80.6 121.0

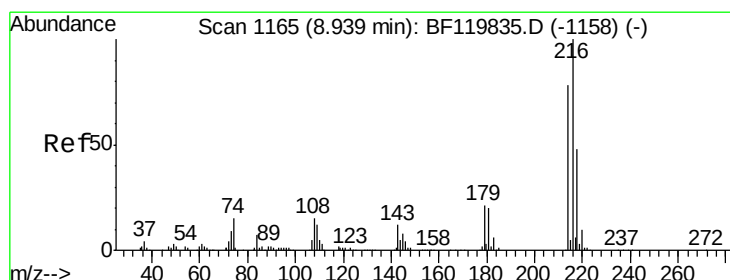
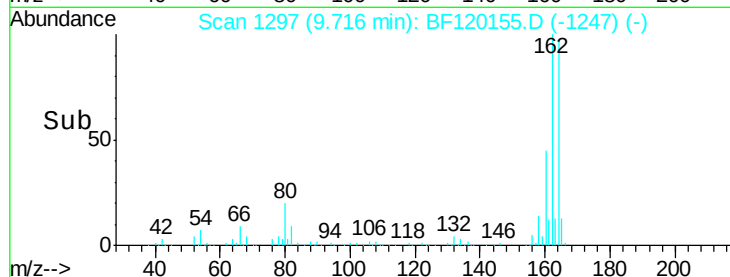
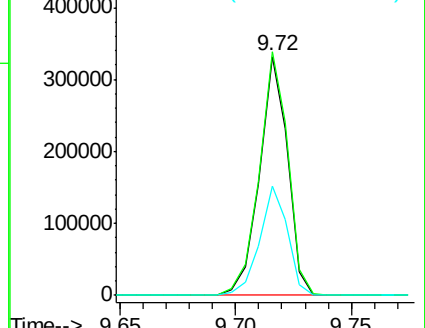
160 45.8 35.7 53.5



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: 37.113 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:216 Resp: 330625

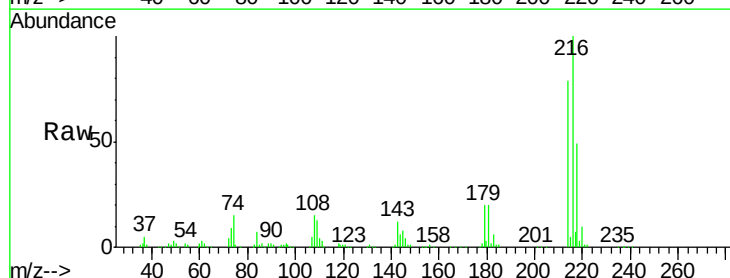
Ion Ratio Lower Upper

216 100

214 79.5 63.2 94.8

179 21.0 17.1 25.7

108 19.0 15.1 22.7

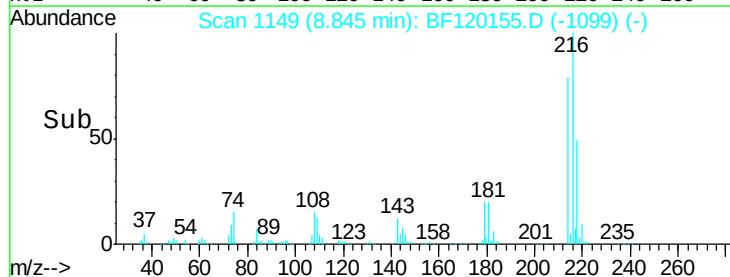
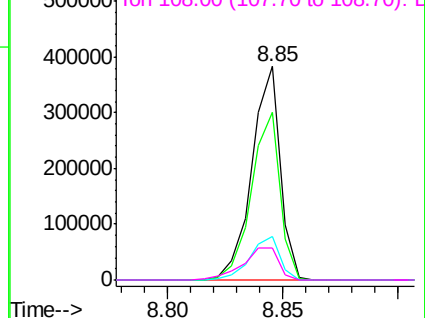


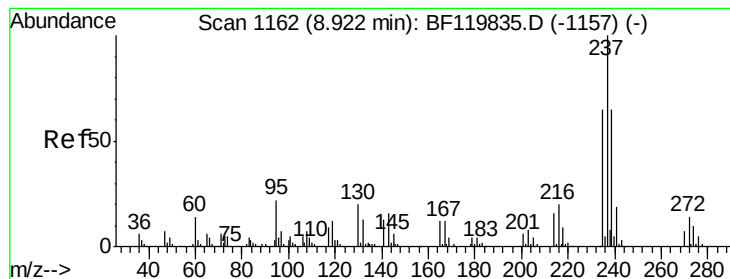
Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.477 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

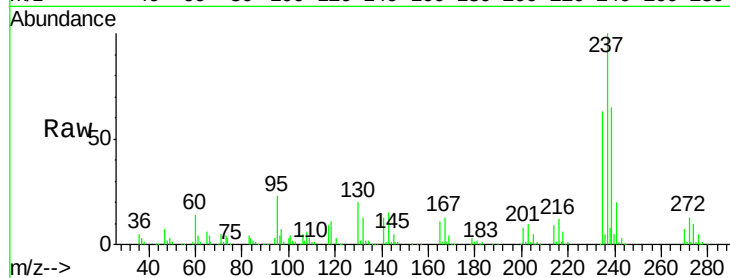
Tot Ion:237 Resp: 275972

Ion Ratio Lower Upper

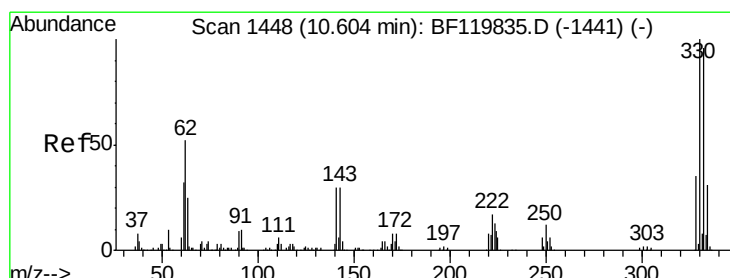
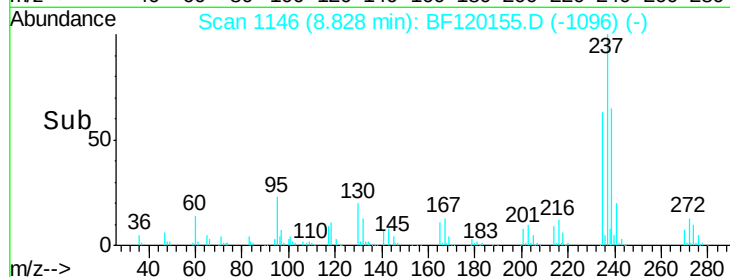
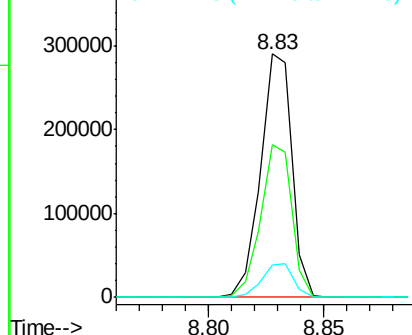
237 100

235 62.6 43.2 83.2

272 13.3 0.0 34.1



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: 94.645 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

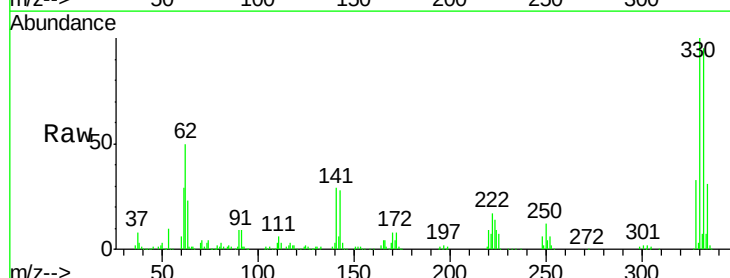
Tgt Ion:330 Resp: 326843

Ion Ratio Lower Upper

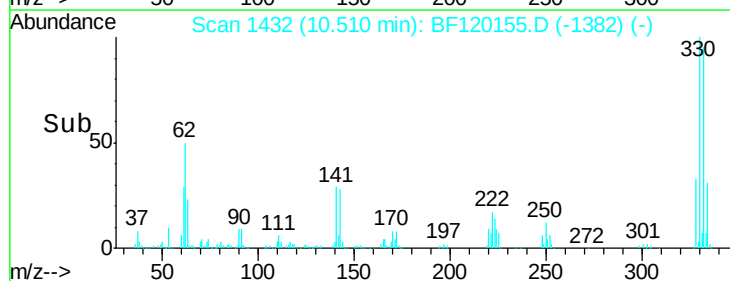
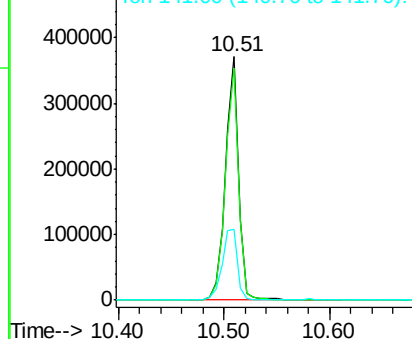
330 100

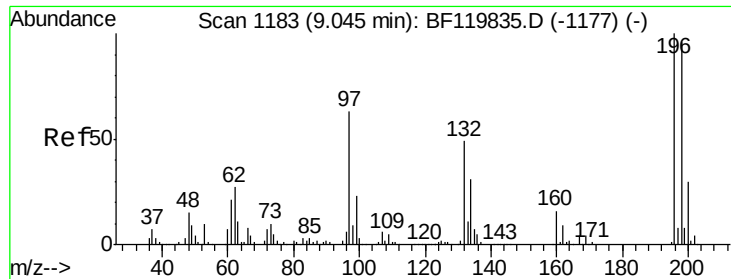
332 96.3 75.7 113.5

141 33.8 25.4 38.0



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

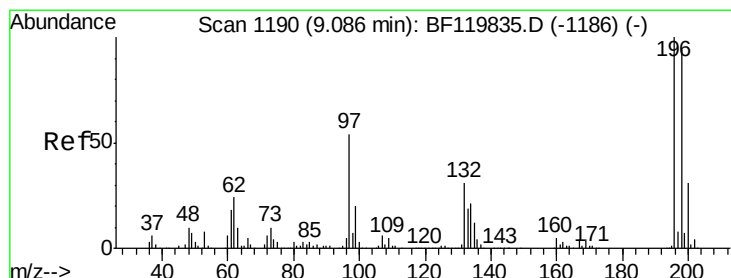
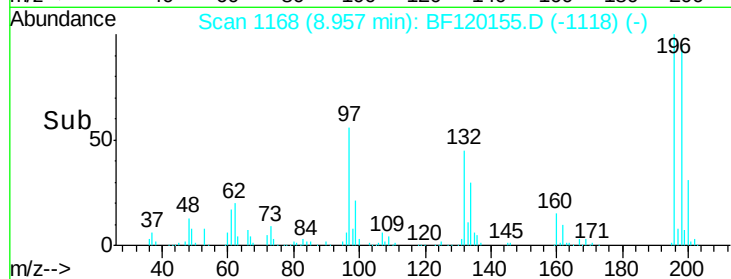
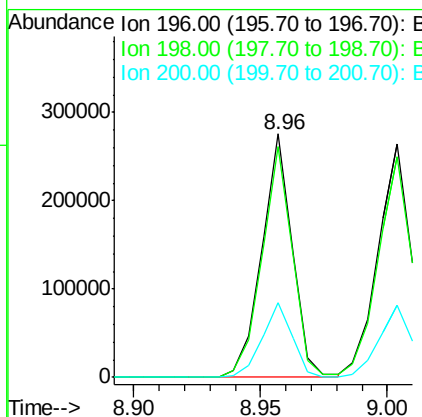
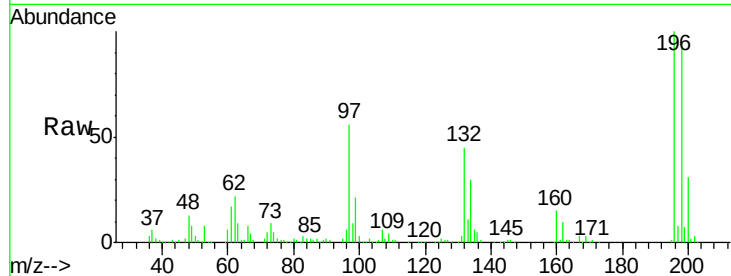




#43
 2,4,6-Trichlorophenol
 Concen: 37.788 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

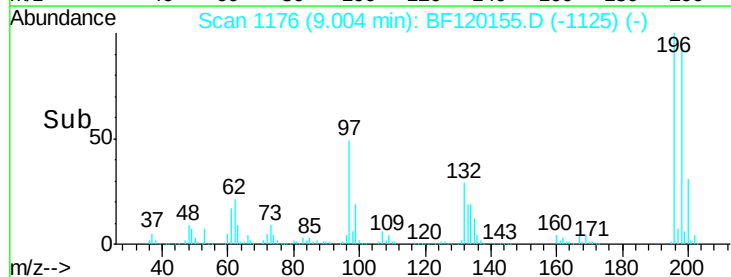
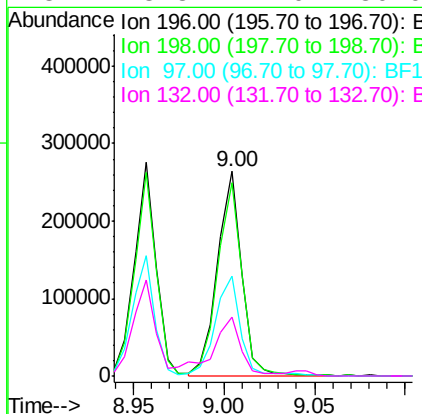
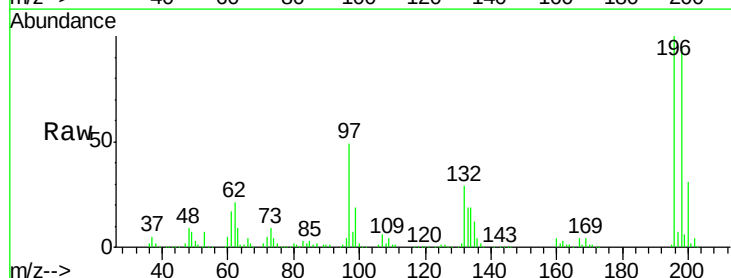
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

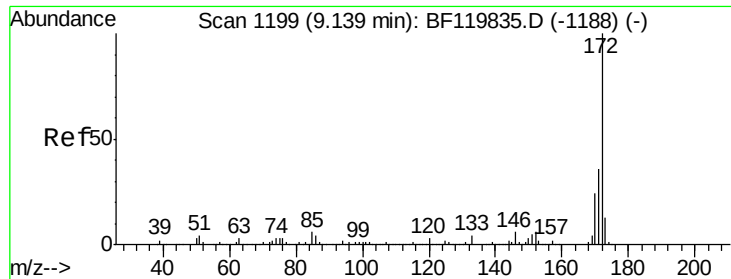
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.6	115.0
200	30.8	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 35.395 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	73.8	110.8
97	48.8	42.6	63.8
132	28.8	24.0	36.0

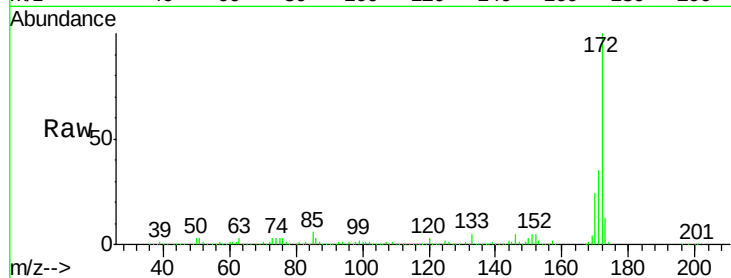




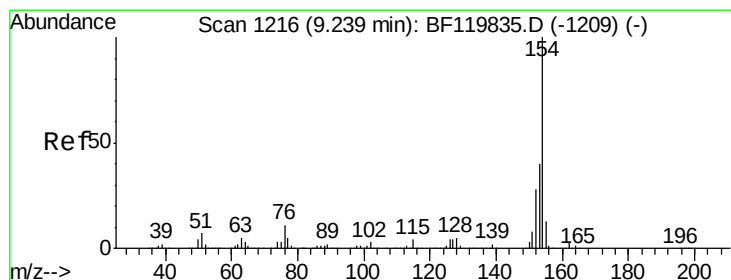
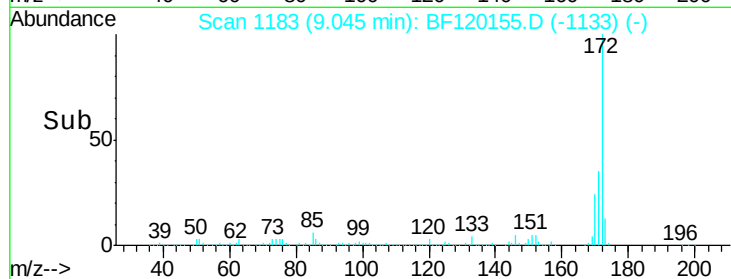
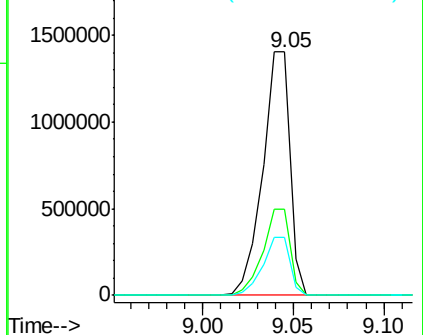
#45
2-Fluorobiphenyl
Concen: 74.274 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tot Ion:172 Resp: 1475554
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.8 20.2 30.2

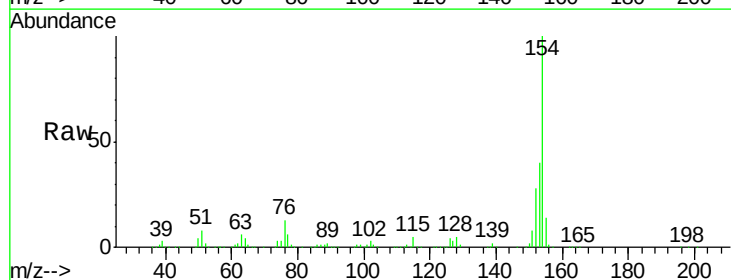


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

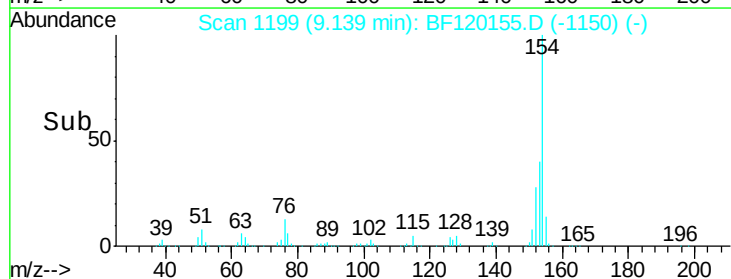
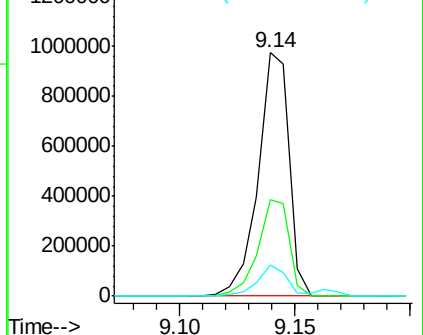


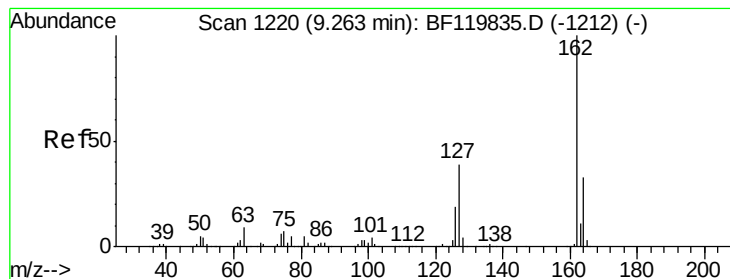
#46
1,1'-Biphenyl
Concen: 38.232 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:154 Resp: 910201
Ion Ratio Lower Upper
154 100
153 39.8 21.4 61.4
76 13.0 0.0 33.0



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





#47

2-Chloronaphthalene

Concen: 38.477 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

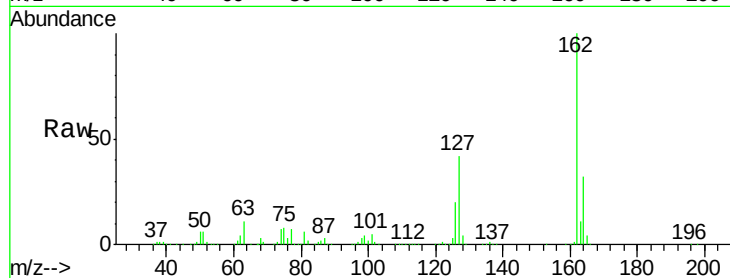
Tot Ion:162 Resp: 705664

Ion Ratio Lower Upper

162 100

127 42.1 33.7 50.5

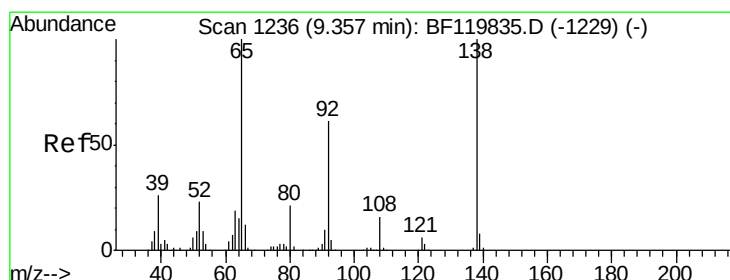
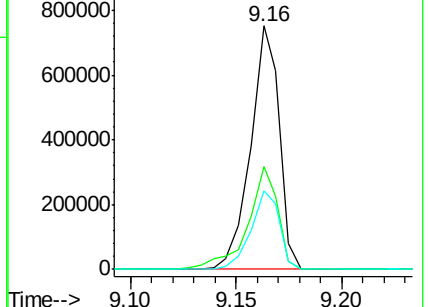
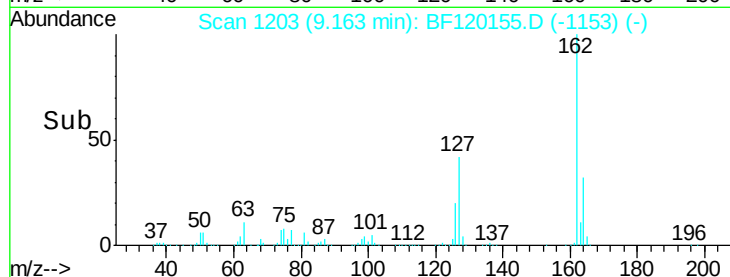
164 32.5 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.826 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

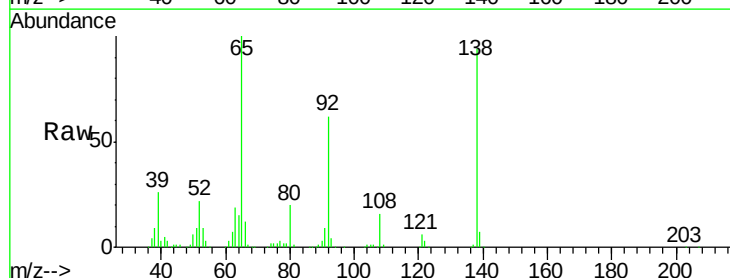
Tgt Ion: 65 Resp: 258045

Ion Ratio Lower Upper

65 100

92 61.9 50.0 75.0

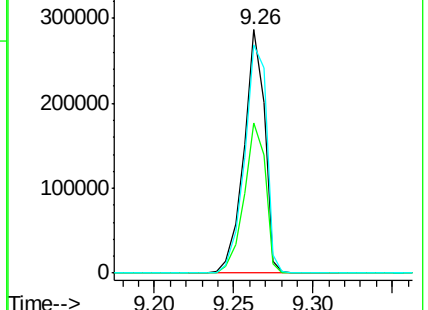
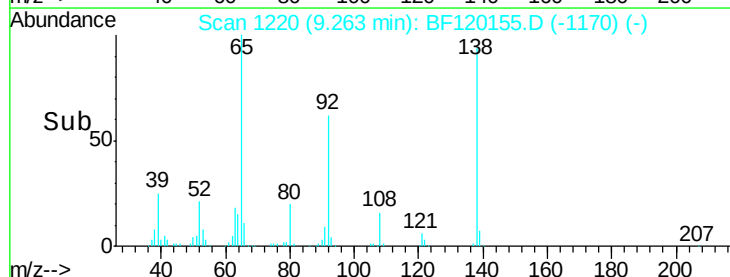
138 93.7 75.0 112.4

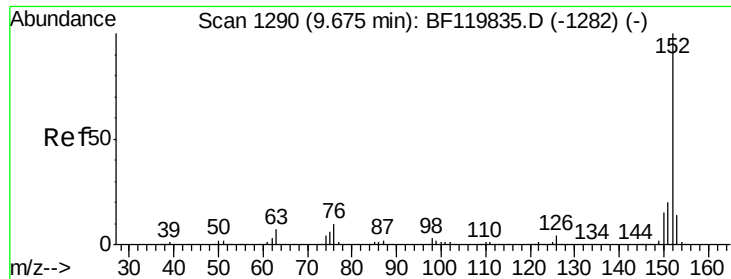


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.262 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

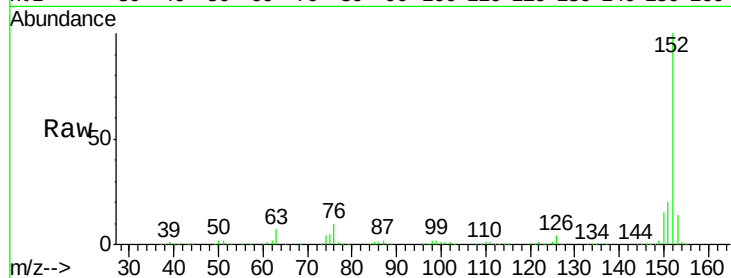
Tot Ion:152 Resp: 1095087

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

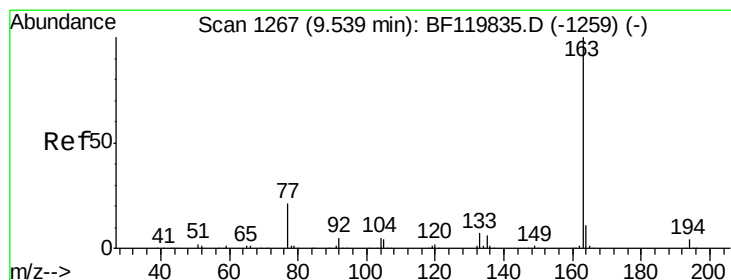
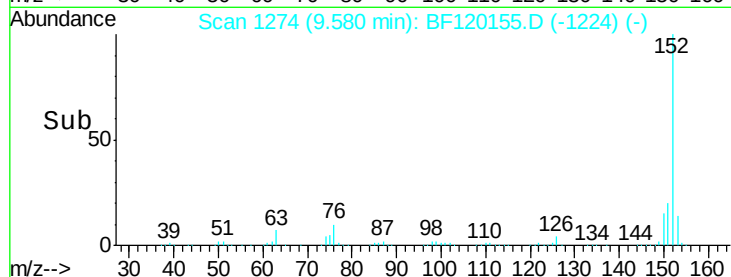
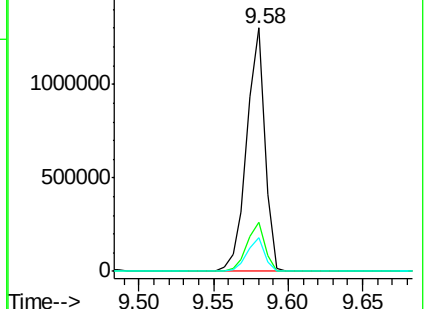
153 13.6 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.009 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

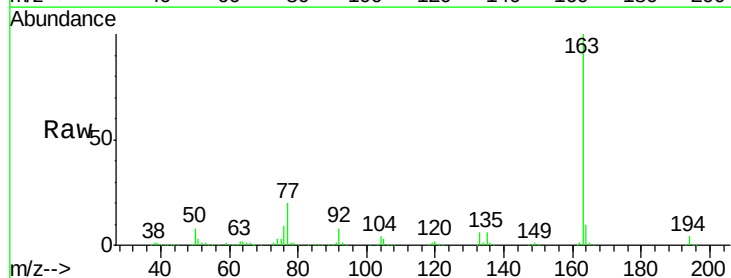
Tgt Ion:163 Resp: 829250

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

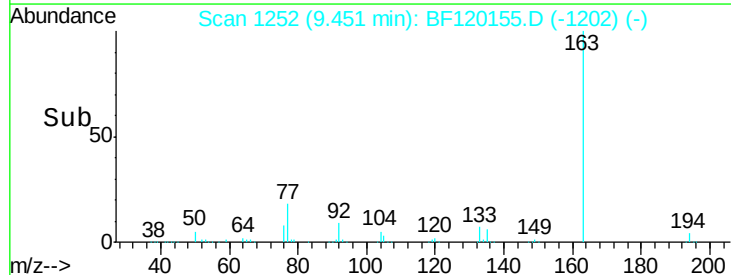
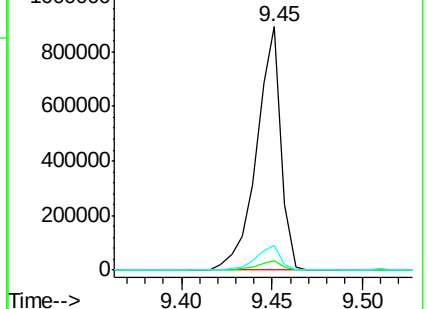
164 10.1 8.2 12.2

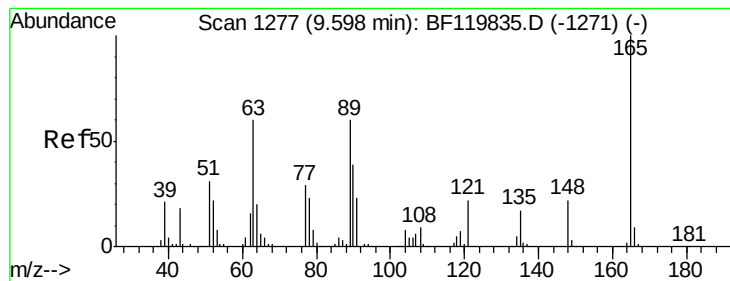


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.985 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

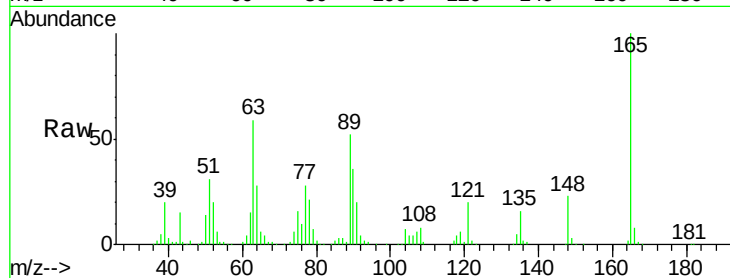
Tot Ion:165 Resp: 186253

Ion Ratio Lower Upper

165 100

63 59.1 45.0 67.4

89 52.5 41.5 62.3

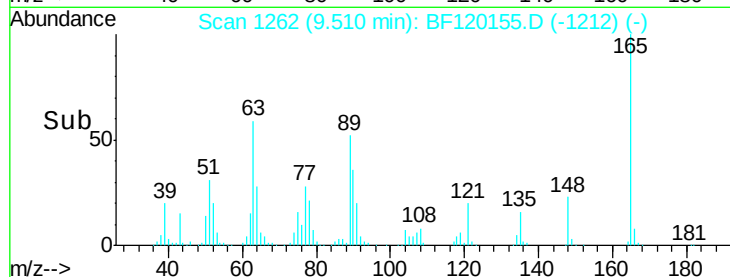


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



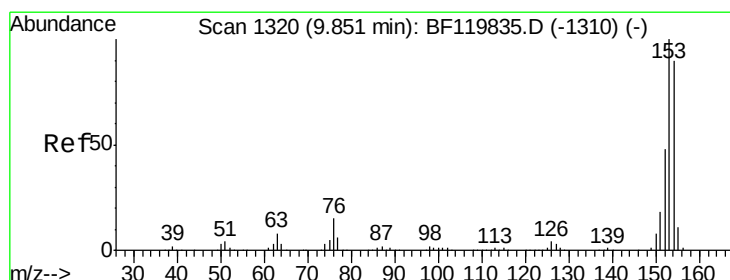
Abundance

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

Time-->



#52

Acenaphthene

Concen: 35.492 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

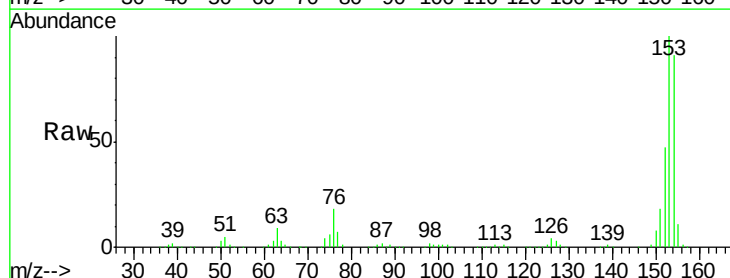
Tgt Ion:154 Resp: 660345

Ion Ratio Lower Upper

154 100

153 110.4 88.1 132.1

152 52.4 43.0 64.4

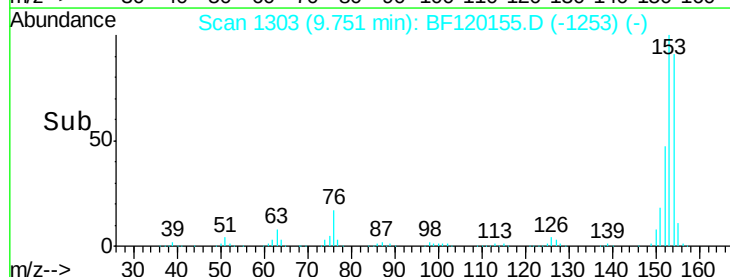


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



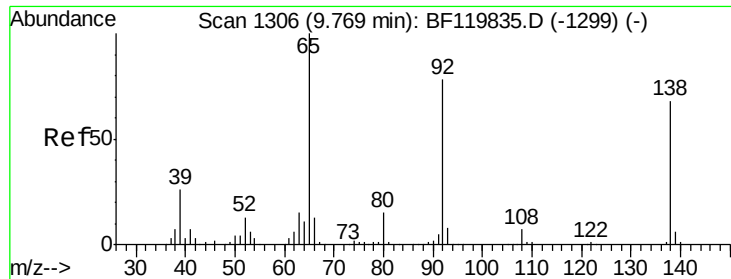
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

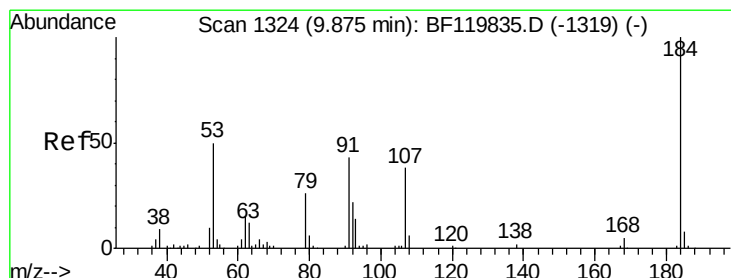
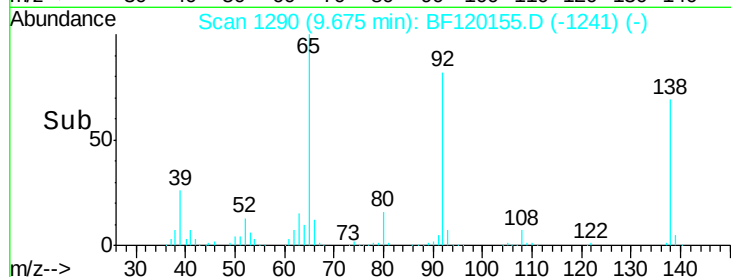
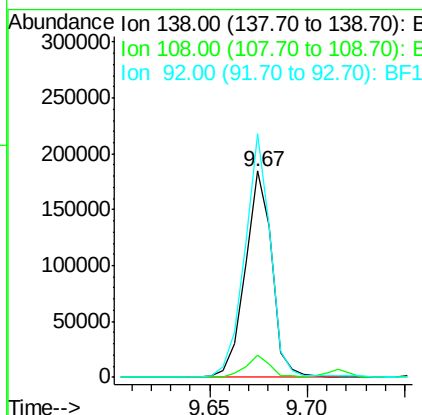
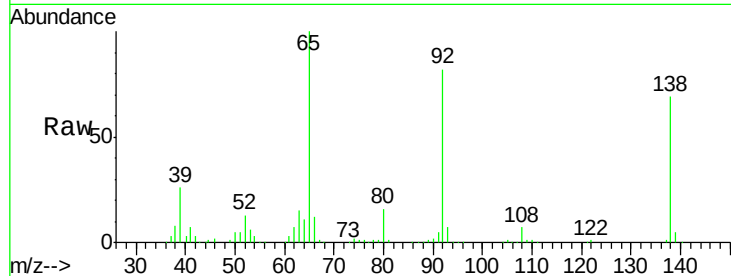
Time-->



#53
3-Nitroaniline
Concen: 31.959 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

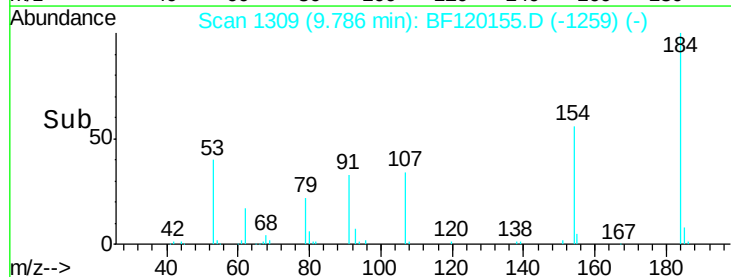
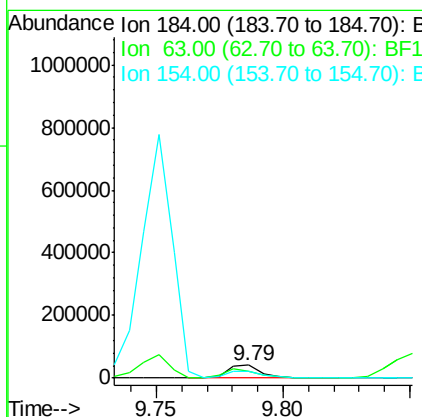
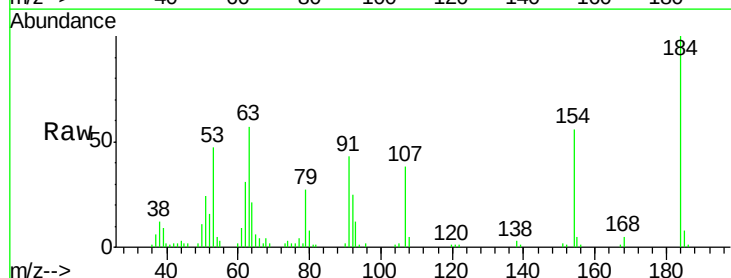
Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

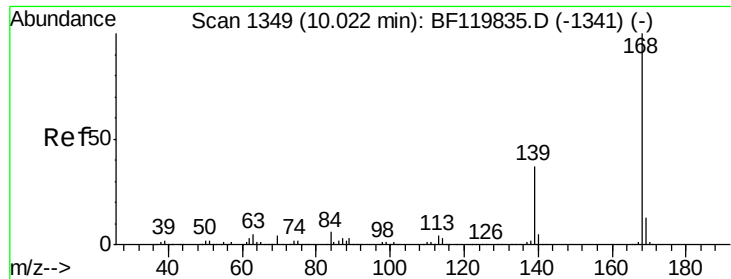
Tot Ion:138 Resp: 174384
Ion Ratio Lower Upper
138 100
108 10.7 8.6 13.0
92 118.2 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 14.095 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:184 Resp: 40317
Ion Ratio Lower Upper
184 100
63 57.5 50.2 75.4
154 56.4 44.5 66.7

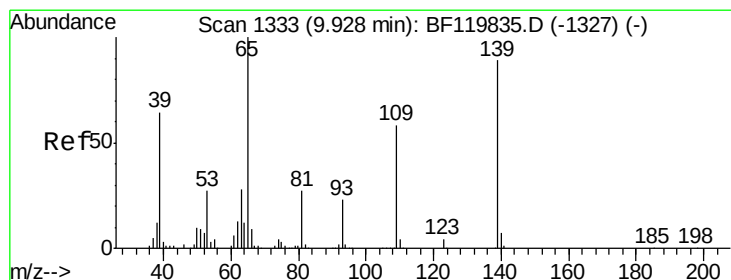
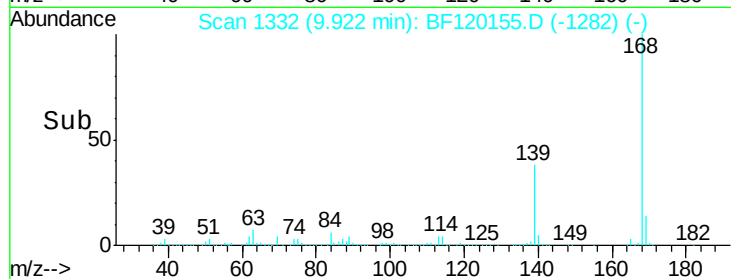
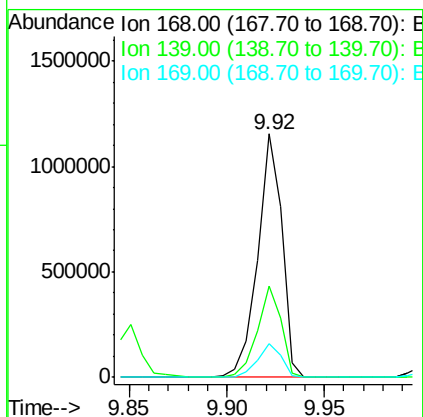
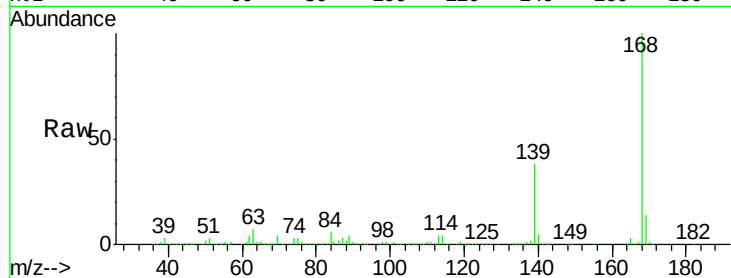




#55
Dibenzofuran
Concen: 38.785 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

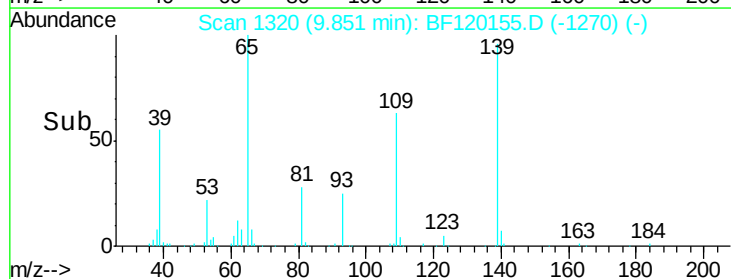
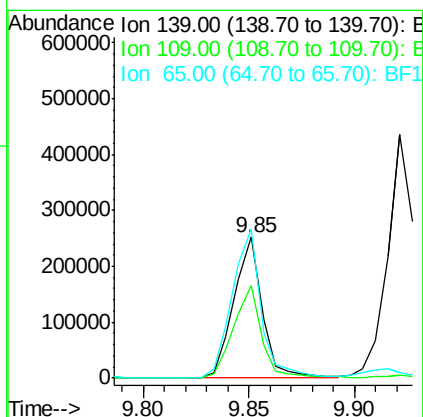
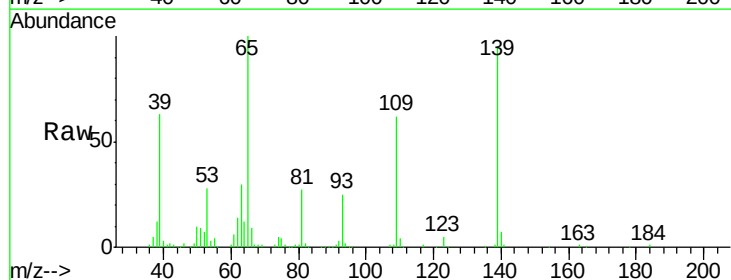
Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

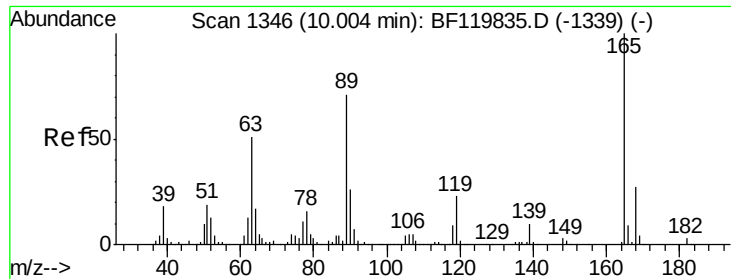
Tot Ion:168 Resp: 990240
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 58.299 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:139 Resp: 236683
Ion Ratio Lower Upper
139 100
109 65.5 43.3 83.3
65 105.8 91.0 131.0

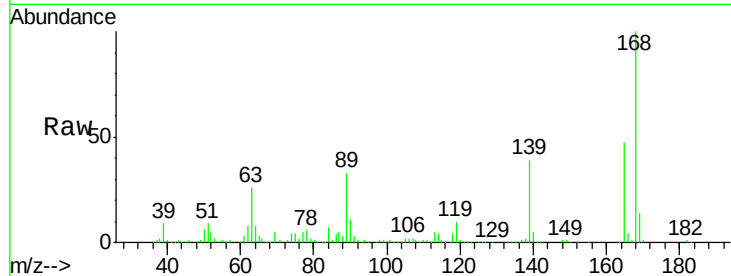




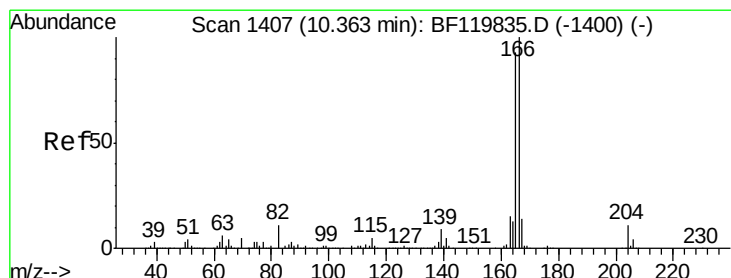
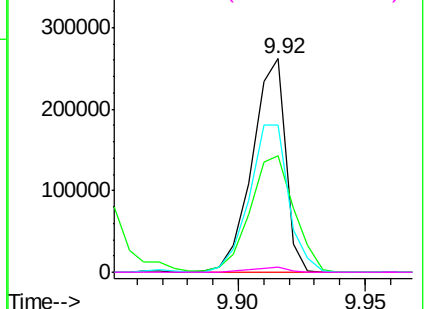
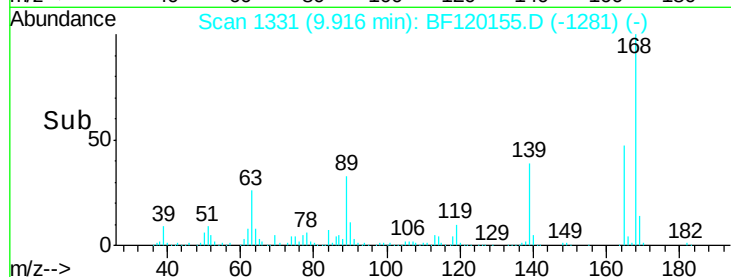
#57
2,4-Dinitrotoluene
Concen: 38.180 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tot Ion:165	Resp:	240321
Ion Ratio	Lower	Upper
165	100	
63	54.6	42.6 64.0
89	69.1	61.0 91.4
182	2.7	2.2 3.2

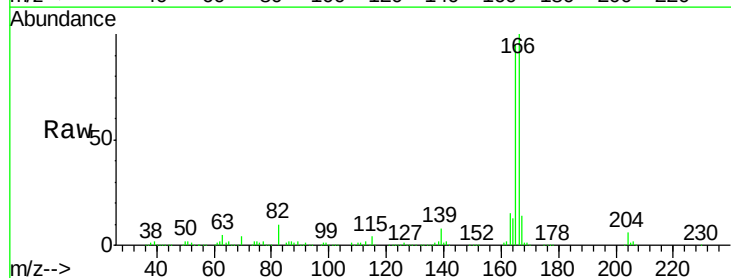


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

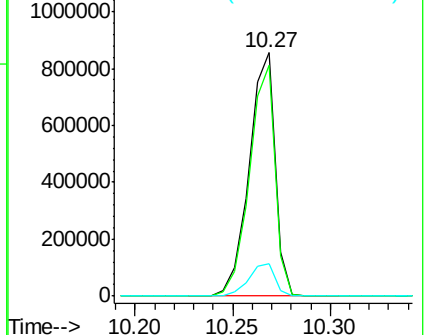
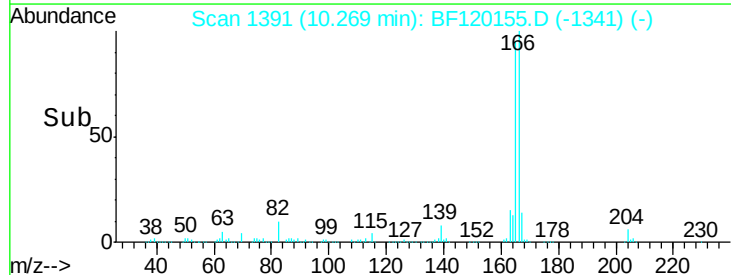


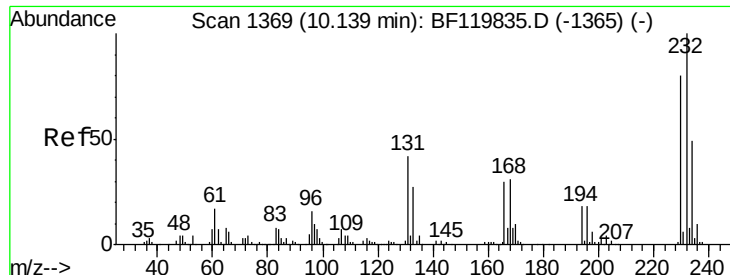
#58
Fluorene
Concen: 38.665 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:166	Resp:	789491
Ion Ratio	Lower	Upper
166	100	
165	94.8	75.4 113.2
167	13.5	11.2 16.8



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: 37.151 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

Tot Ion:232 Resp: 196870

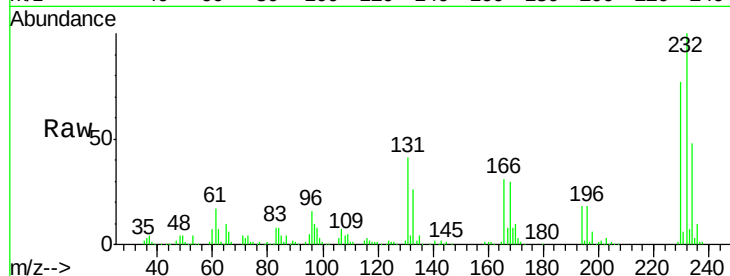
Ion Ratio Lower Upper

232 100

131 47.1 37.5 56.3

130 2.1 1.8 2.6

166 32.7 24.6 36.8

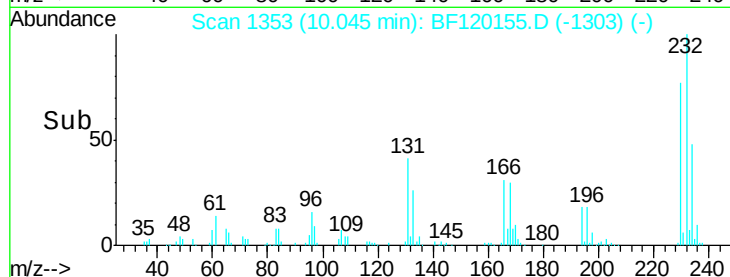


Abundance Ion 232.00 (231.70 to 232.70): E

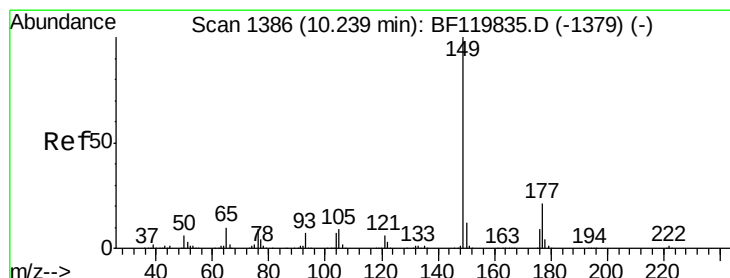
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 36.663 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

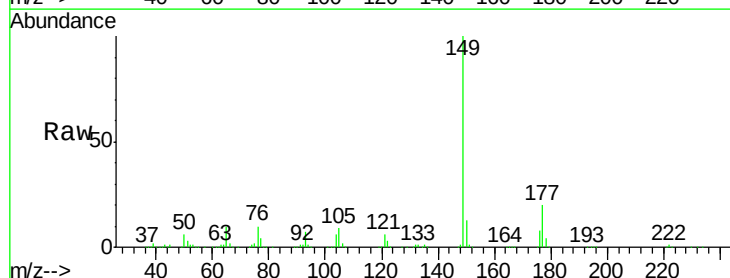
Tgt Ion:149 Resp: 829019

Ion Ratio Lower Upper

149 100

177 20.4 17.0 25.6

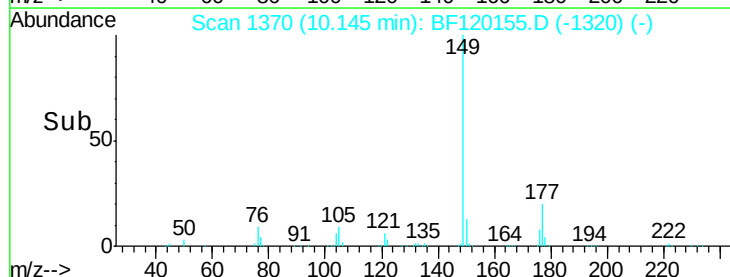
150 12.6 10.1 15.1



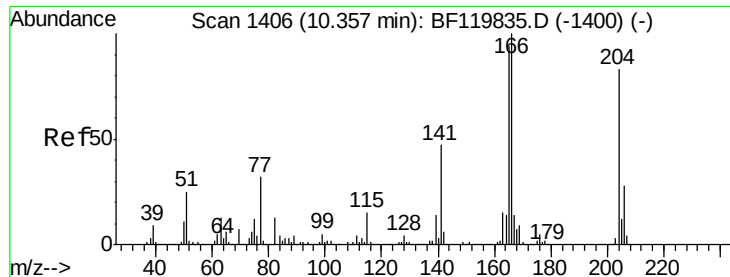
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



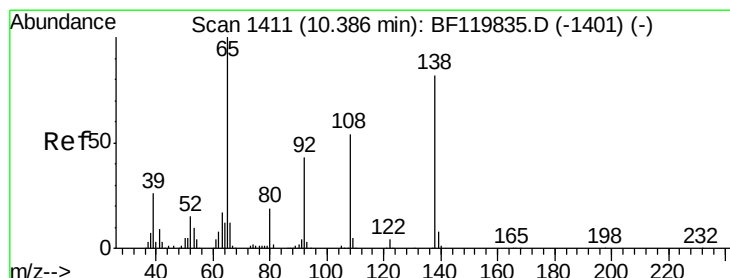
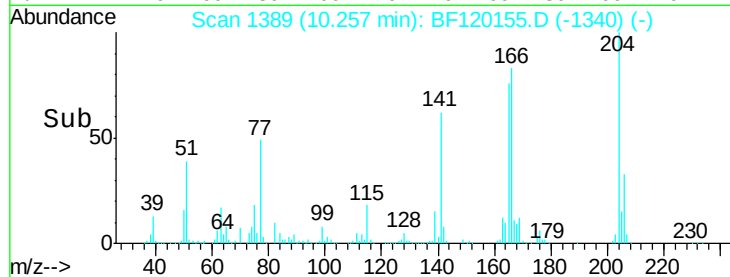
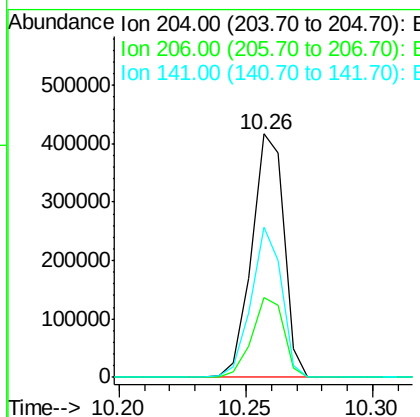
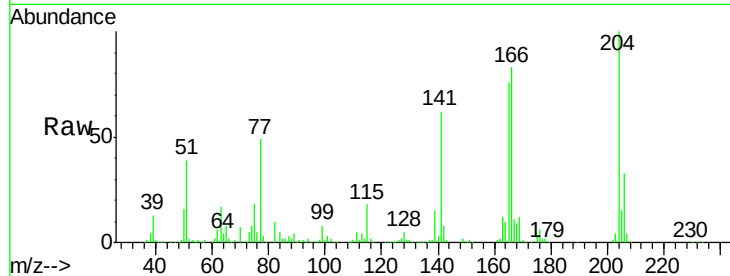
Time-->



#61
 4-Chlorophenyl-phenylether
 Concen: 35.399 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

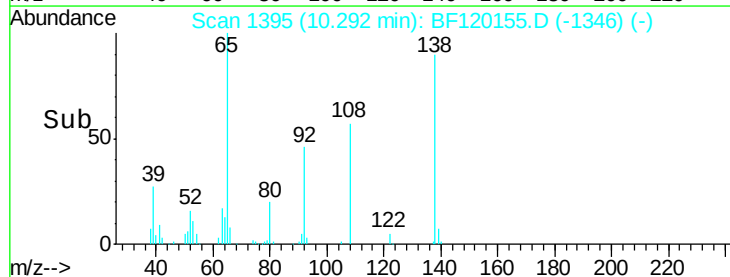
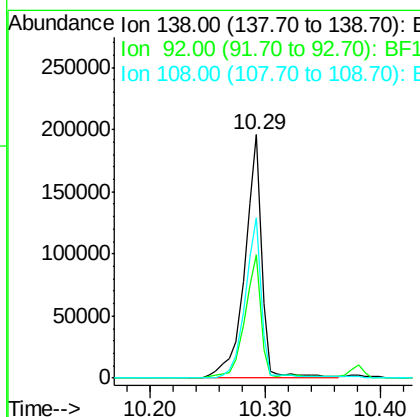
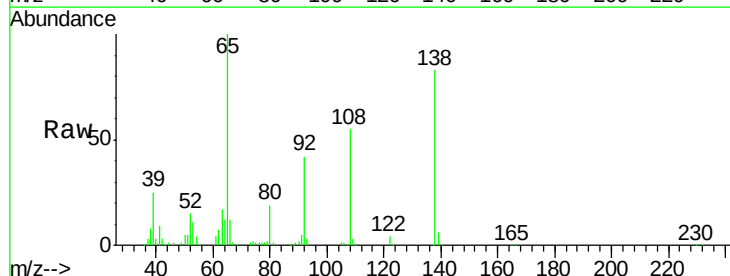
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

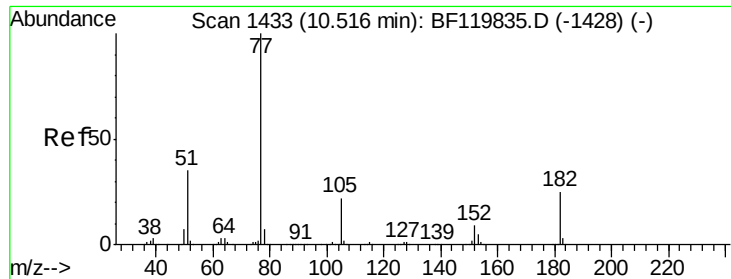
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	61.5	47.3	70.9



#62
 4-Nitroaniline
 Concen: 38.570 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.5	71.5
108	66.1	45.8	85.8





#63

Azobenzene

Concen: 38.693 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

Tot Ion: 77 Resp: 784080

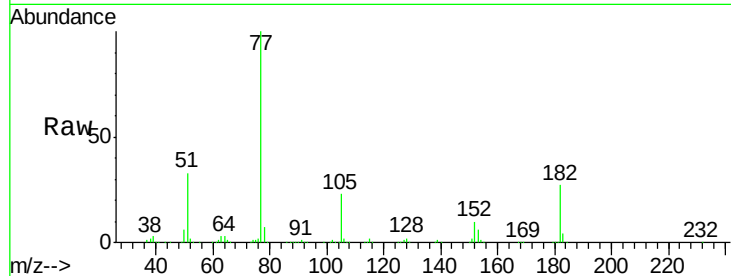
Ion Ratio Lower Upper

77 100

182 27.3 4.4 44.4

105 22.8 2.6 42.6

51 33.0 15.1 55.1

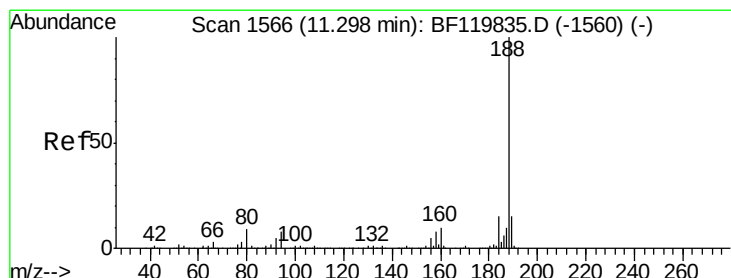
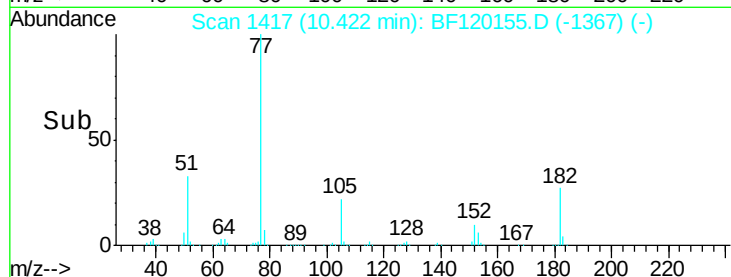
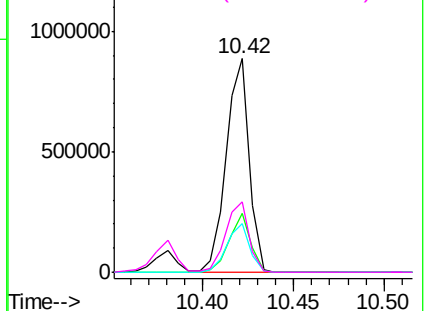


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

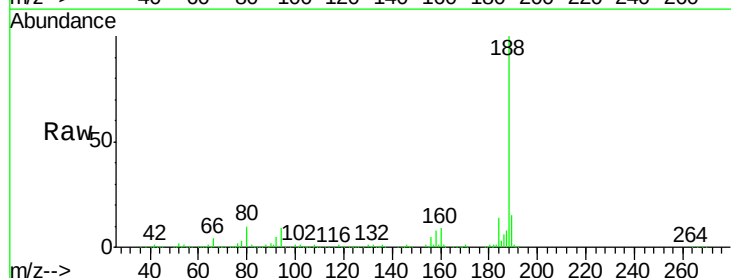
Tgt Ion: 188 Resp: 535562

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

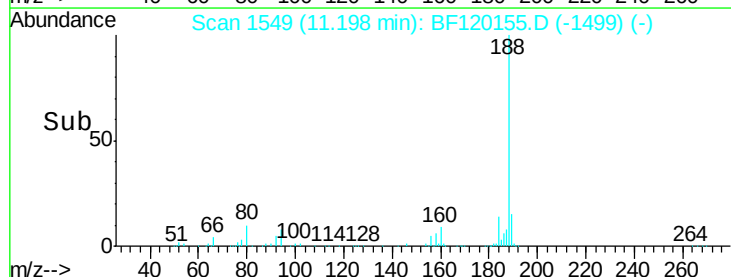
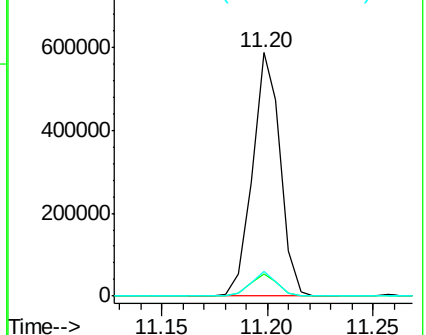
80 10.0 9.0 13.4

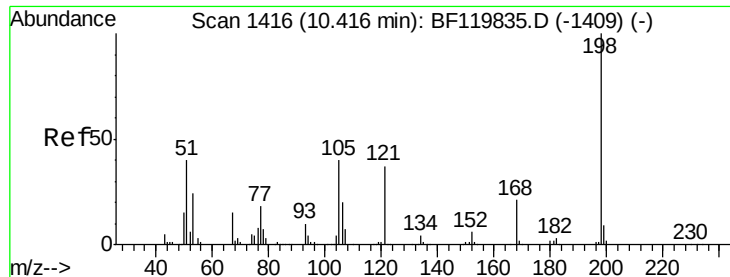


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

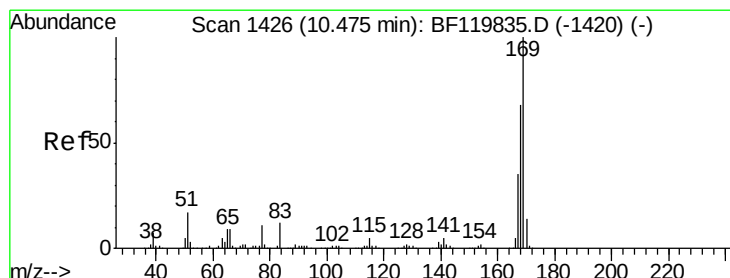
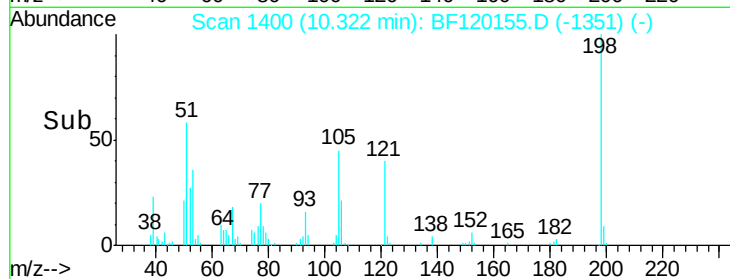
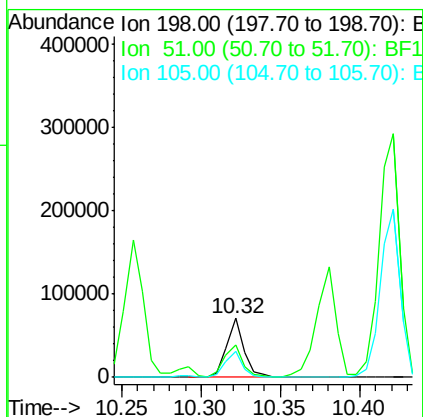
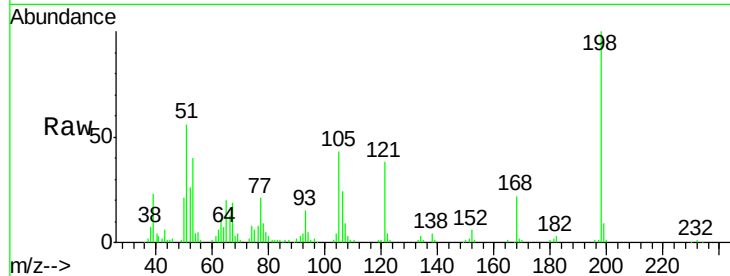




#65
 4,6-Dinitro-2-methylphenol
 Concen: 15.506 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

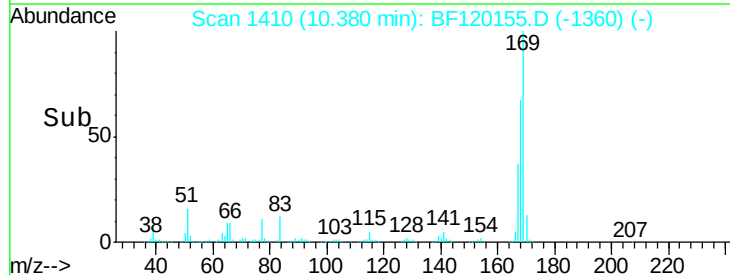
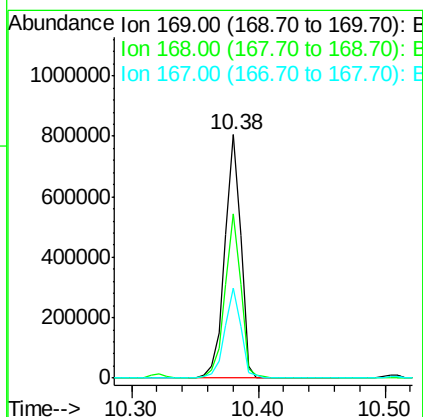
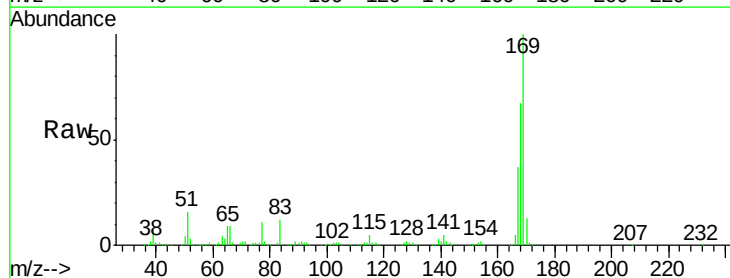
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

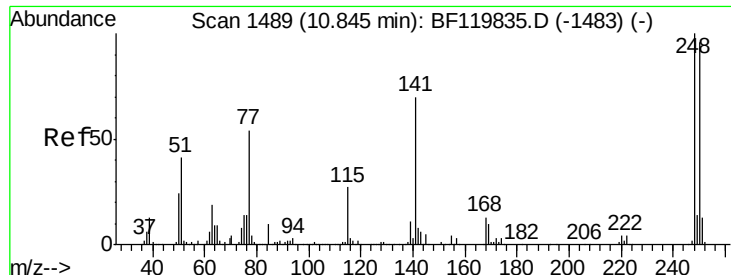
Tot Ion:198 Resp: 54709
 Ion Ratio Lower Upper
 198 100
 51 55.9 29.0 69.0
 105 43.1 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 39.608 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion:169 Resp: 705461
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.2 79.8
 167 36.9 29.1 43.7

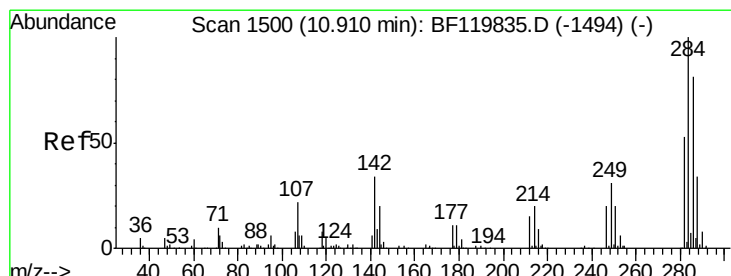
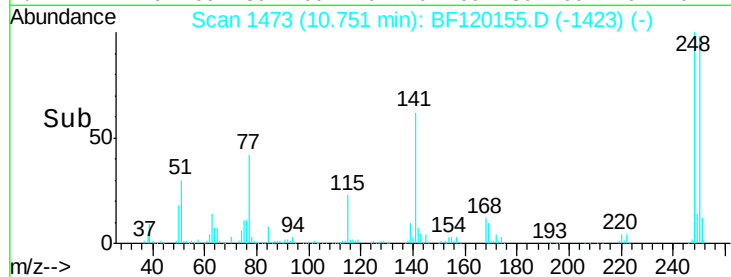
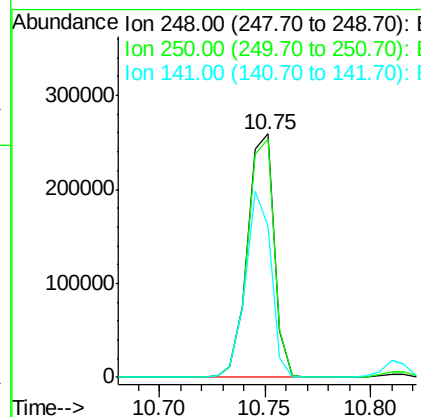
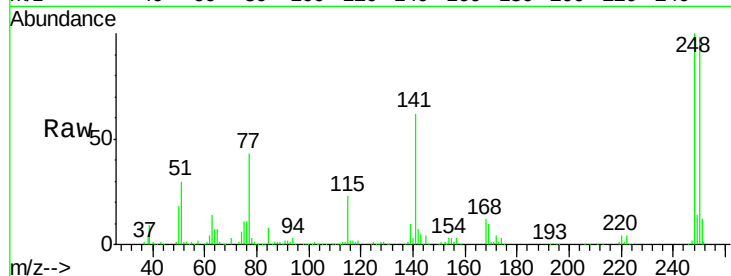




#67
 4-Bromophenyl-phenylether
 Concen: 34.114 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

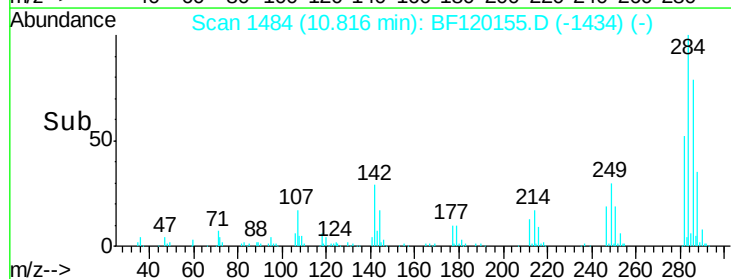
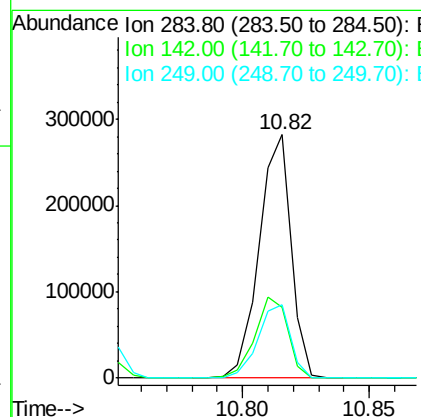
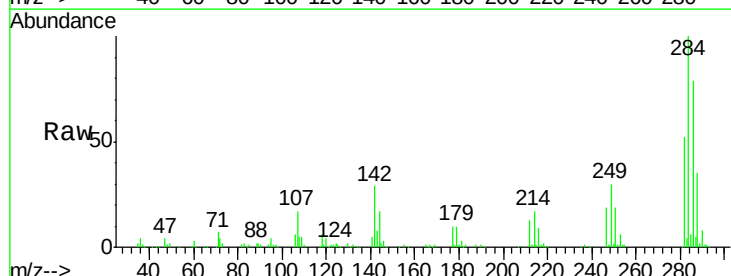
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

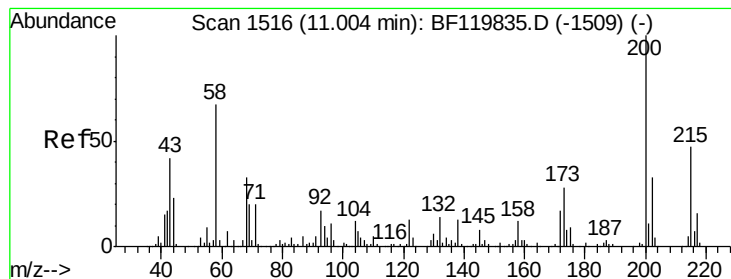
Tot Ion:	248	Resp:	227206
Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.3	115.9
141	62.2	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 36.959 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion:	284	Resp:	249719
Ion	Ratio	Lower	Upper
284	100		
142	28.9	29.2	43.8#
249	29.9	25.1	37.7





#69

Atrazine

Concen: 42.478 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

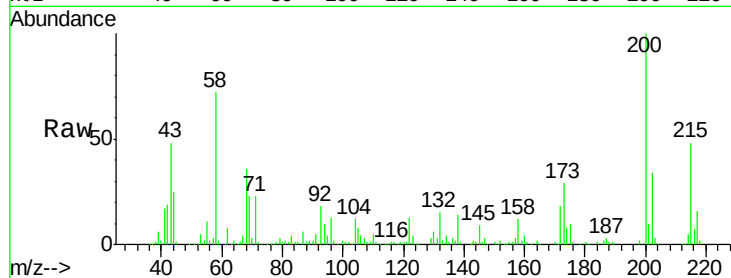
Tot Ion:200 Resp: 210504

Ion Ratio Lower Upper

200 100

173 28.9 9.3 49.3

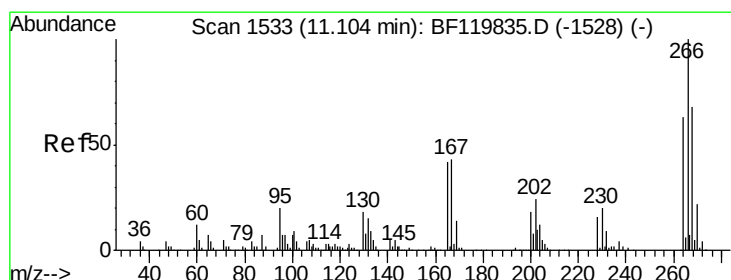
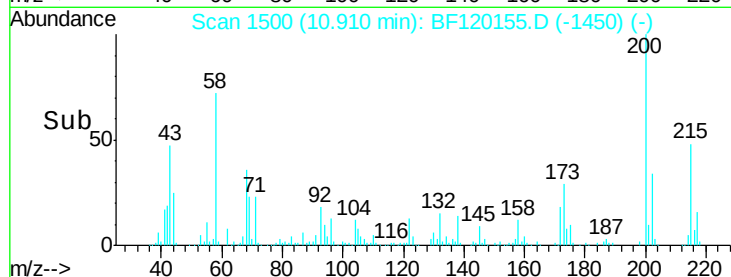
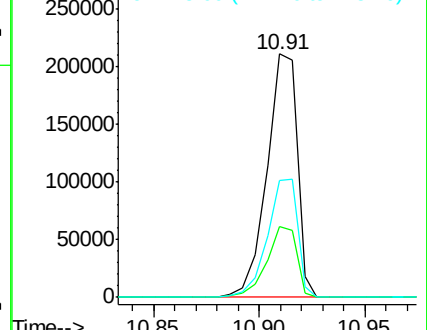
215 48.2 29.5 69.5



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: 45.618 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

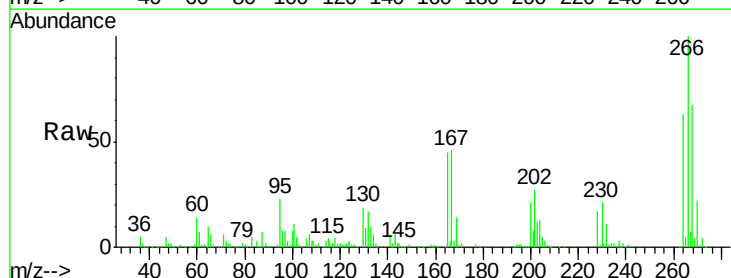
Tgt Ion:266 Resp: 177620

Ion Ratio Lower Upper

266 100

268 67.3 53.3 79.9

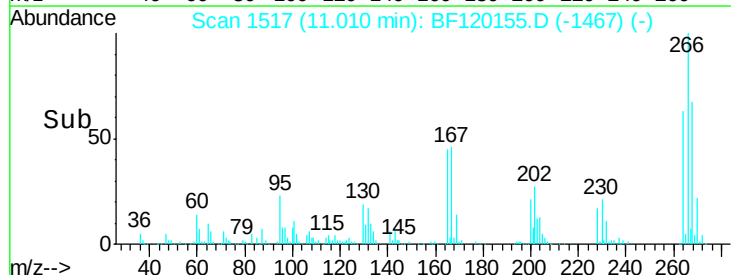
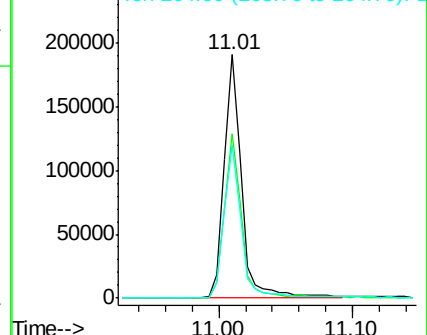
264 63.0 49.0 73.4

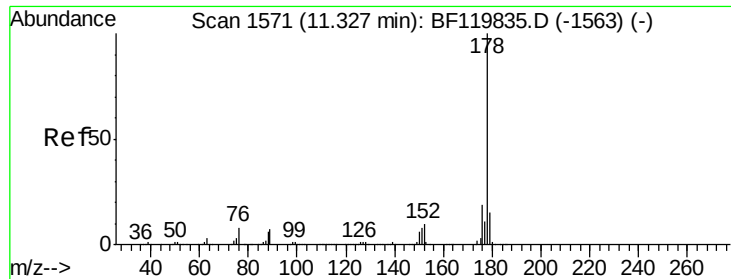


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.754 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

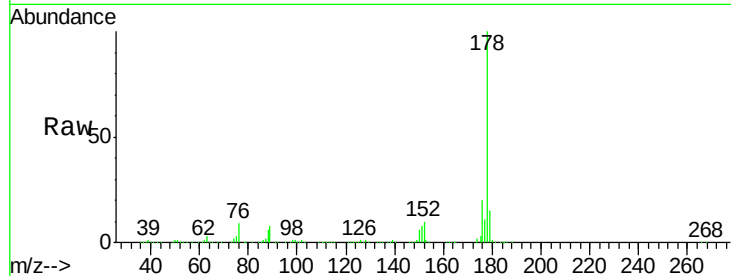
Tot Ion:178 Resp: 1133115

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

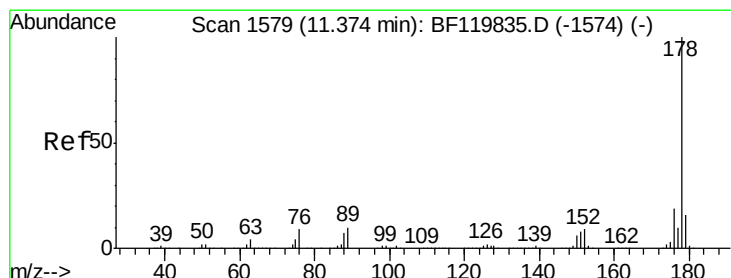
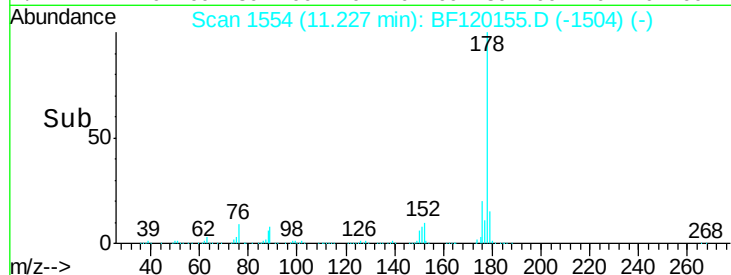
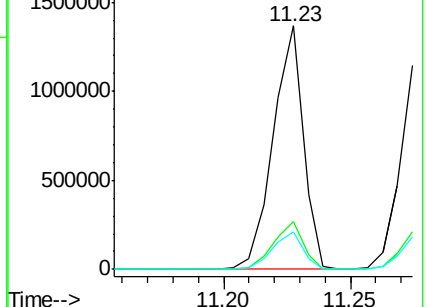
179 15.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.170 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

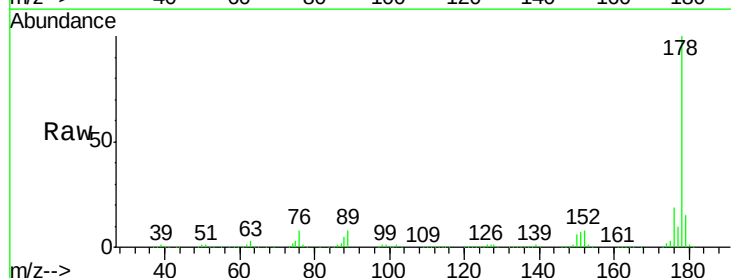
Tgt Ion:178 Resp: 1169659

Ion Ratio Lower Upper

178 100

176 18.8 16.1 24.1

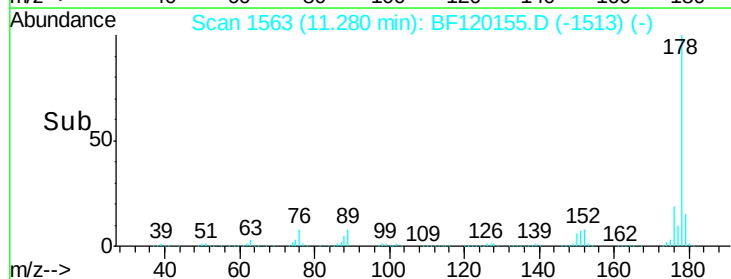
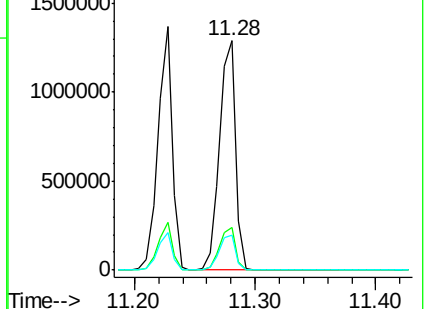
179 15.4 13.0 19.4

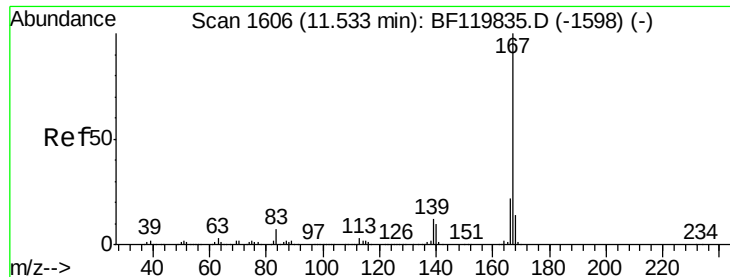


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.617 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

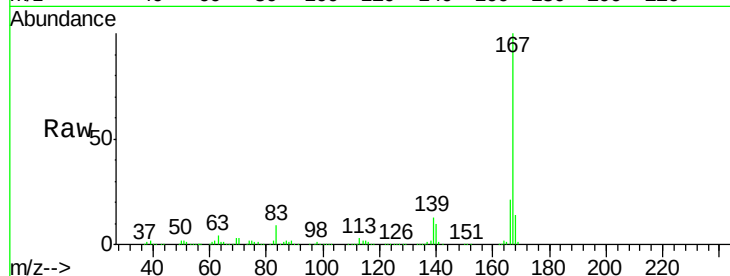
Tot Ion:167 Resp: 1090883

Ion Ratio Lower Upper

167 100

166 20.9 18.2 27.4

139 12.8 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

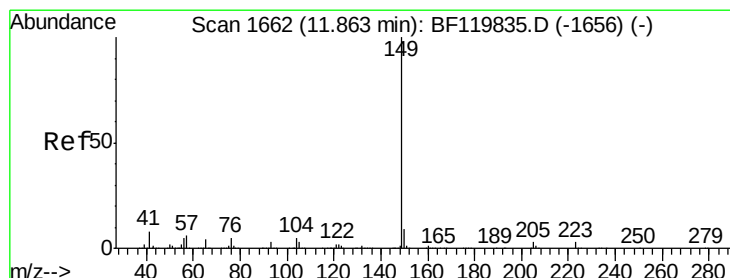
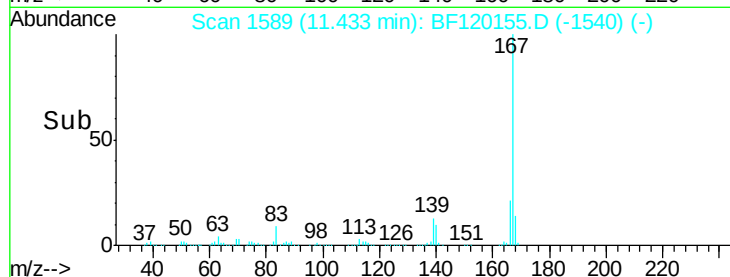
11.43

1000000

500000

0

Time--> 11.35 11.40 11.45 11.50



#74

Di-n-butylphthalate

Concen: 36.286 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

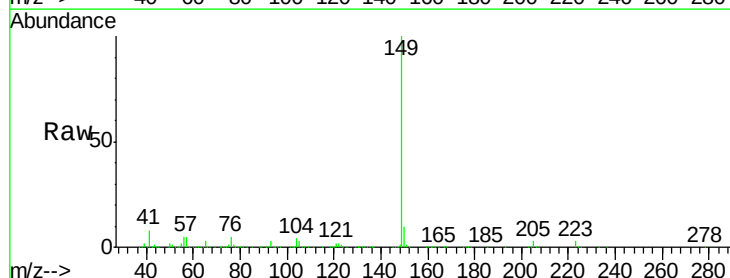
Tgt Ion:149 Resp: 1313487

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

104 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.77

2000000

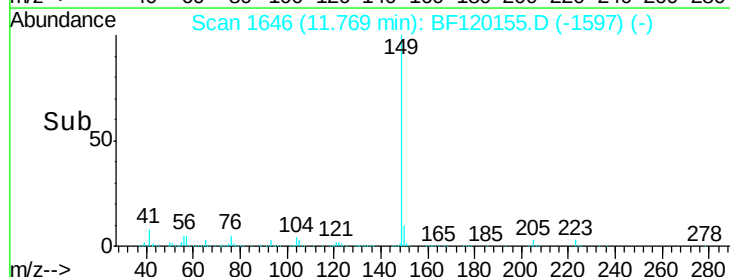
1500000

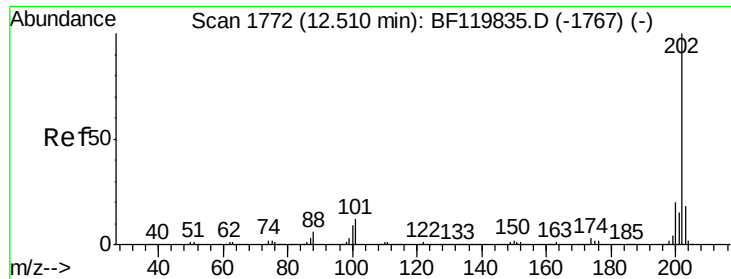
1000000

500000

0

Time--> 11.70 11.75 11.80 11.85

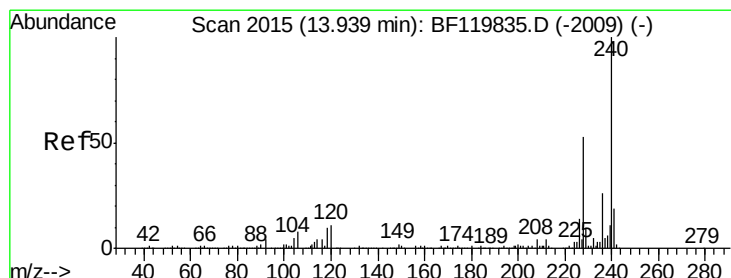
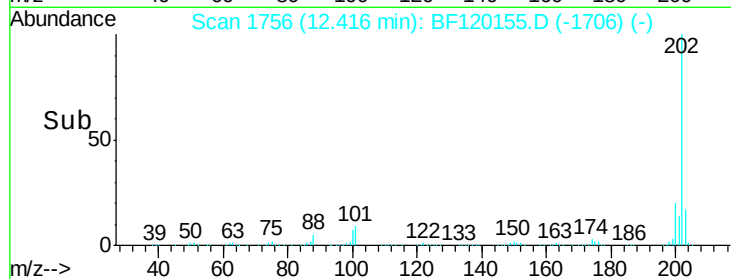
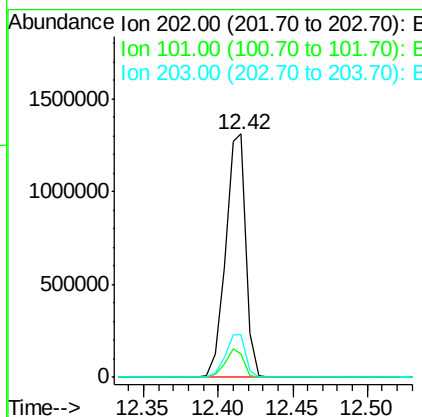
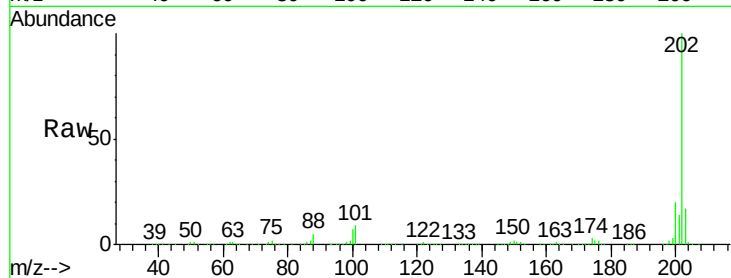




#75
Fluoranthene
Concen: 40.765 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

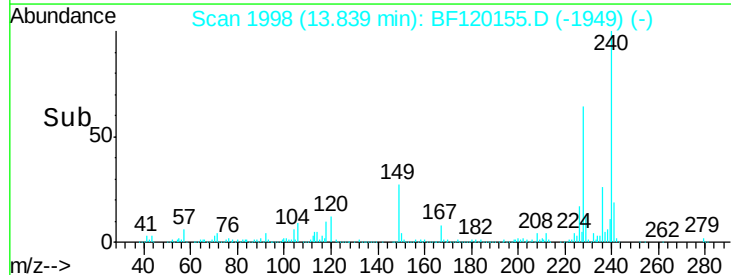
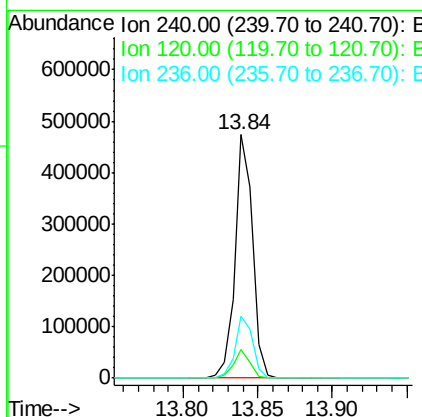
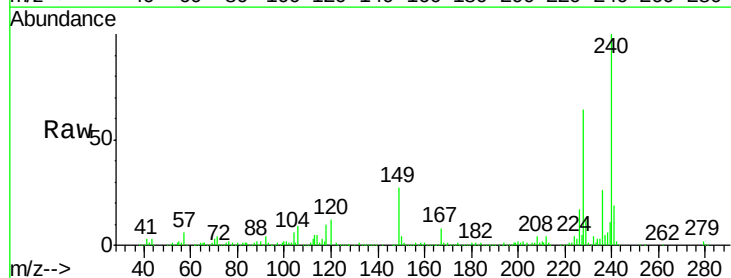
Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

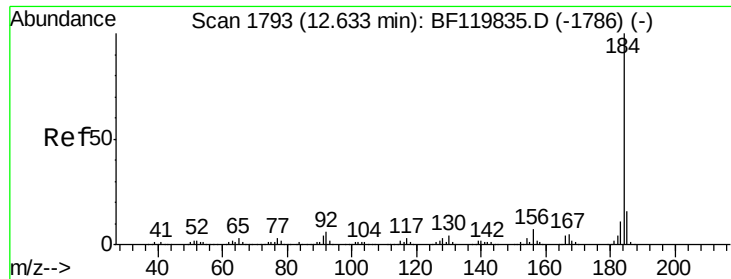
Tot Ion:202 Resp: 1253693
Ion Ratio Lower Upper
202 100
101 9.4 0.0 32.2
203 17.3 0.0 38.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:240 Resp: 391202
Ion Ratio Lower Upper
240 100
120 11.8 10.6 15.8
236 25.5 20.2 30.2





#77

Benzidine

Concen: 34.786 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

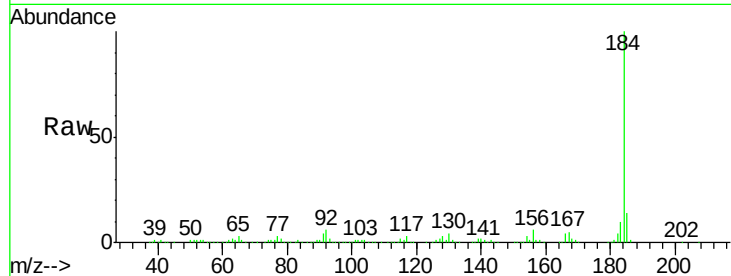
Tot Ion:184 Resp: 460004

Ion Ratio Lower Upper

184 100

185 13.5 12.3 18.5

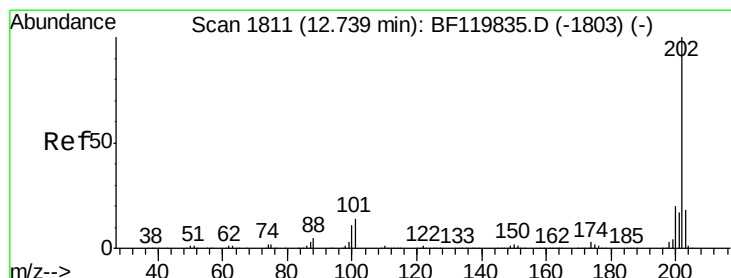
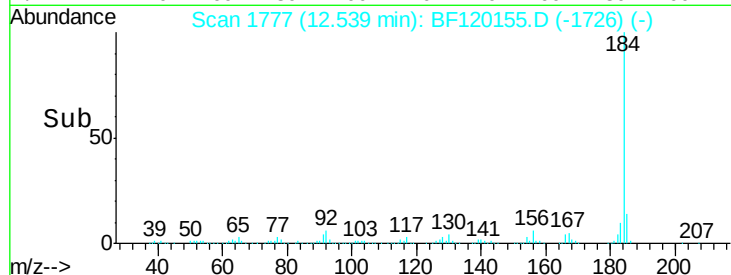
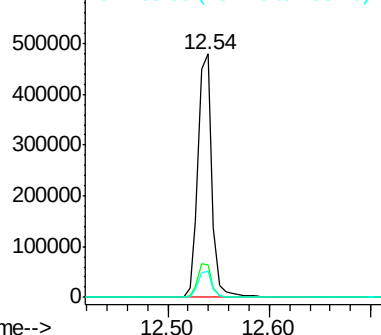
183 10.5 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.626 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

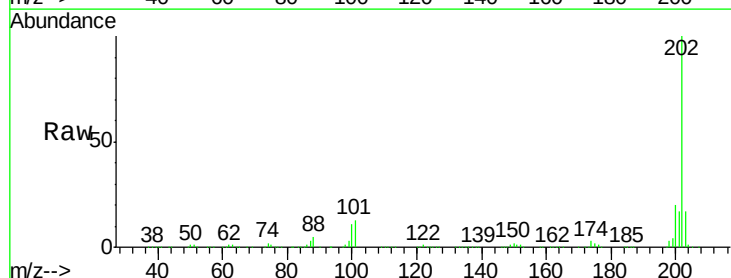
Tgt Ion:202 Resp: 1273853

Ion Ratio Lower Upper

202 100

200 20.1 16.8 25.2

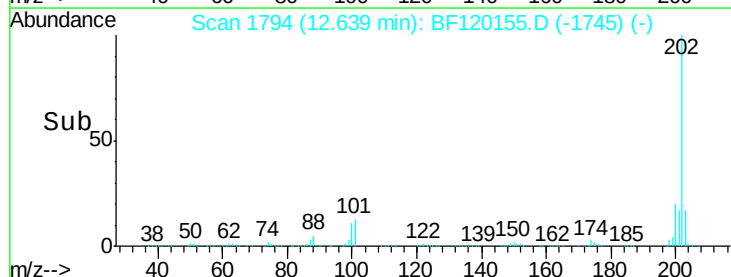
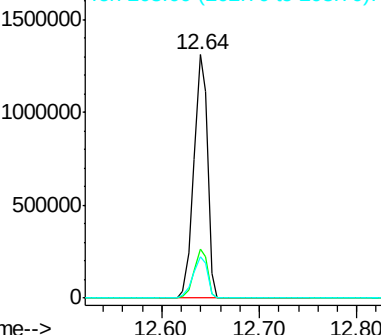
203 17.2 15.1 22.7

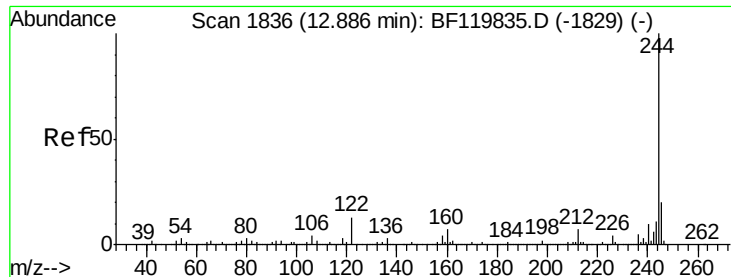


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.105 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

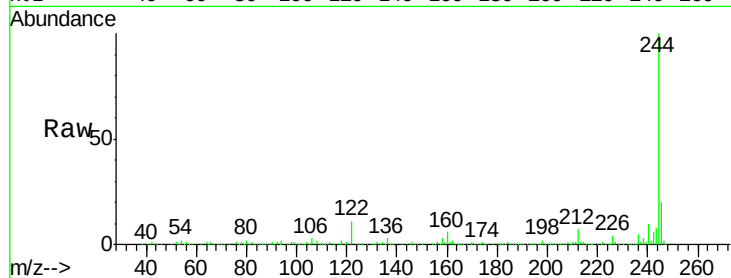
Tot Ion:244 Resp: 1653127

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

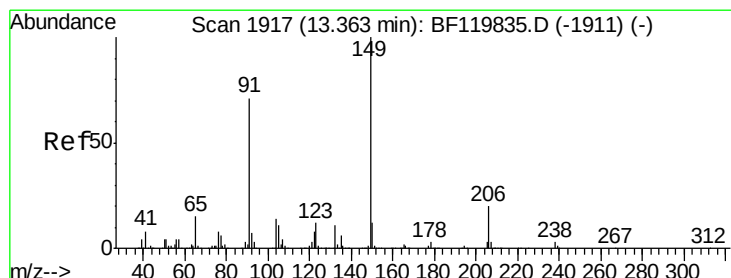
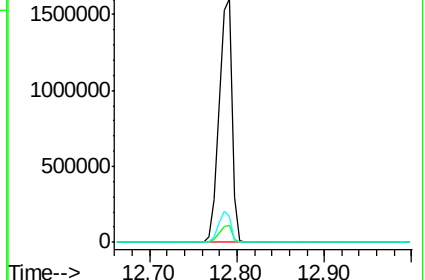
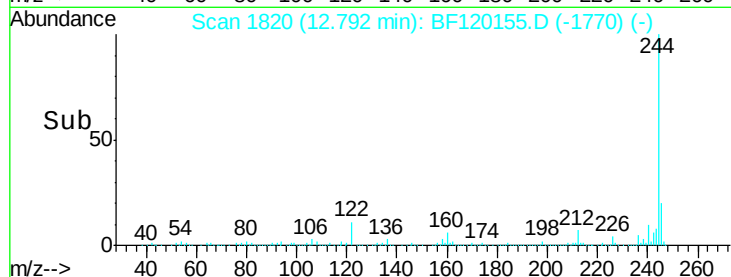
122 10.8 10.3 15.5



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: 34.339 ng

RT: 13.27 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

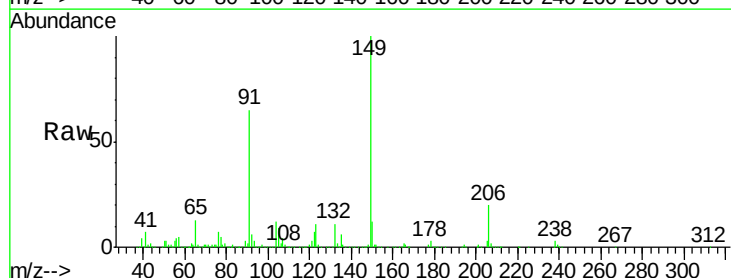
Tgt Ion:149 Resp: 549518

Ion Ratio Lower Upper

149 100

91 64.5 54.7 82.1

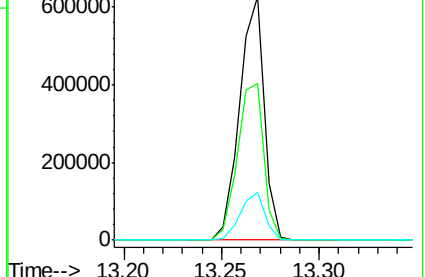
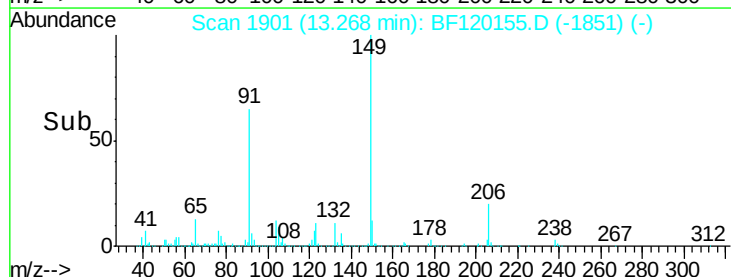
206 19.7 16.2 24.2

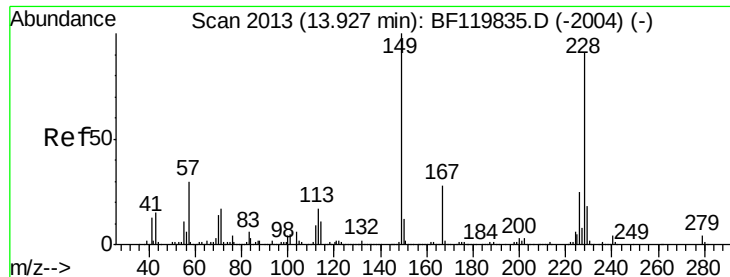


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.875 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

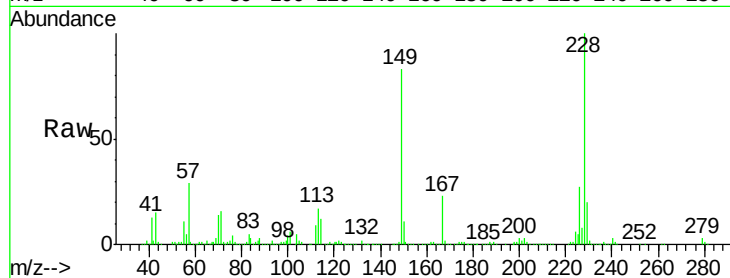
BNA_F

ClientSampleId :

TR-05-042020MS

Tot Ion:228 Resp: 1000481

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.8	16.2	24.4

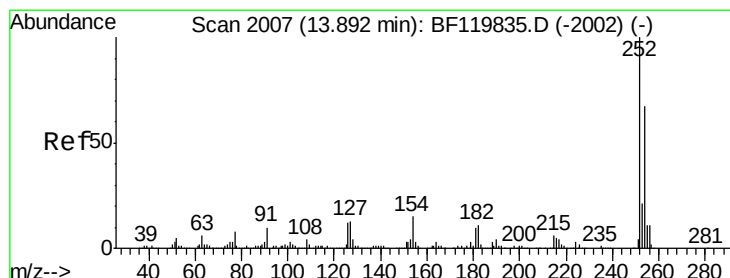
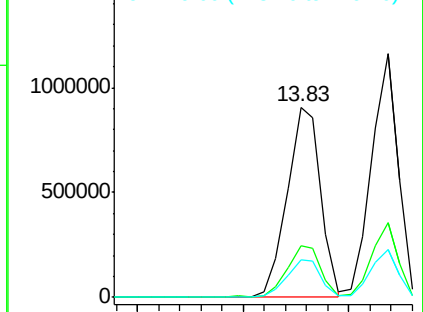
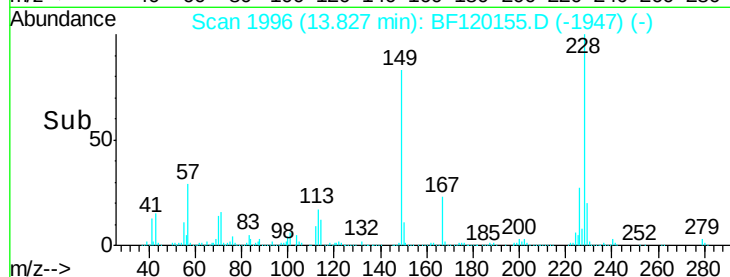


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.715 ng

RT: 13.80 min Scan# 1991

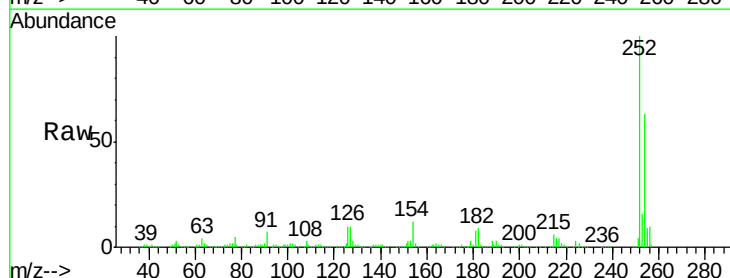
Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:252 Resp: 304543

Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.2	76.8
126	10.0	9.6	14.4

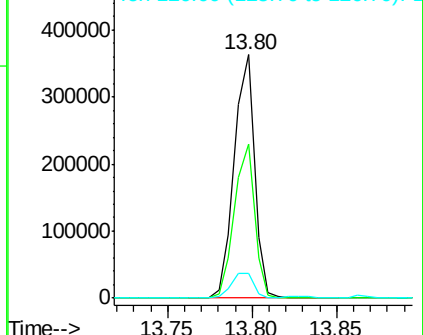
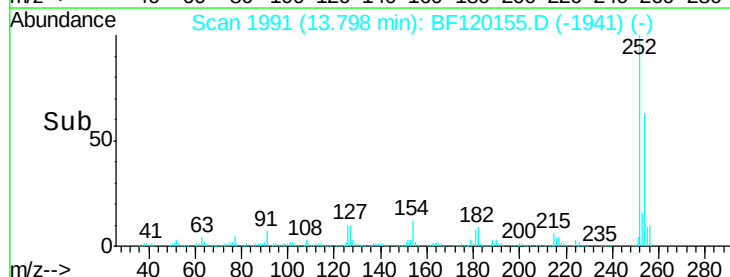


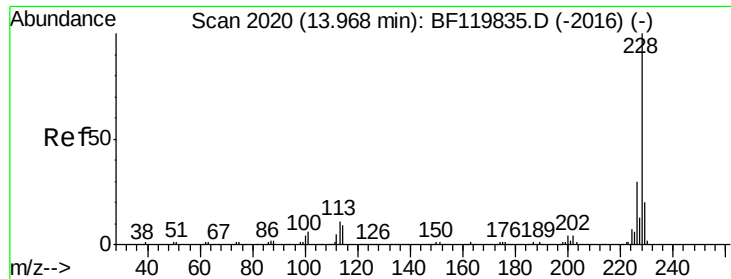
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

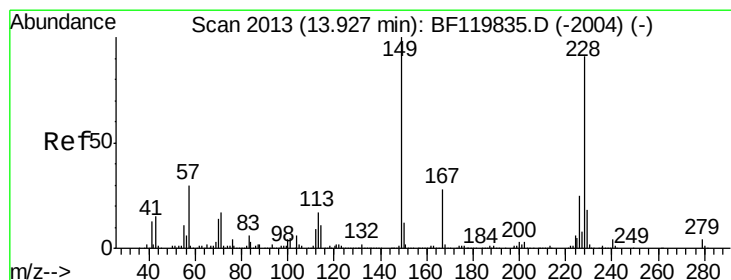
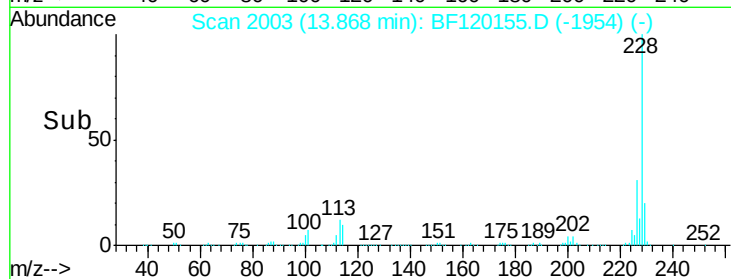
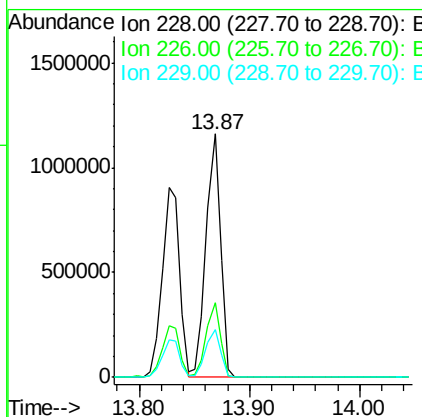
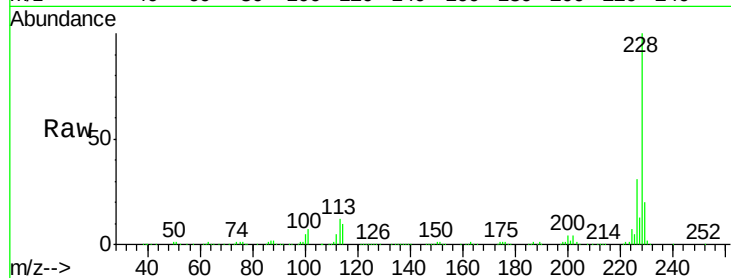




#83
 Chrysene
 Concen: 39.258 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

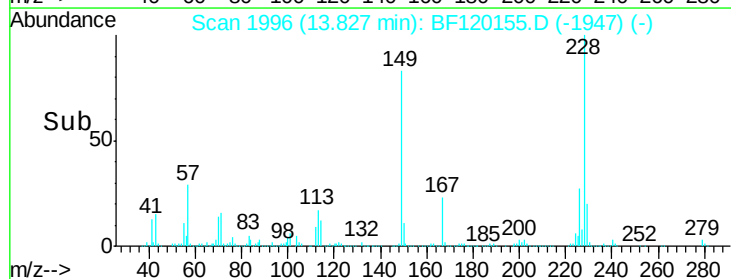
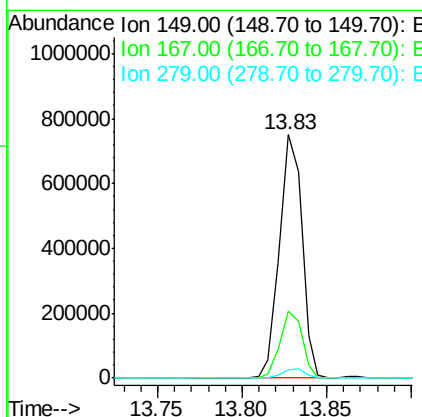
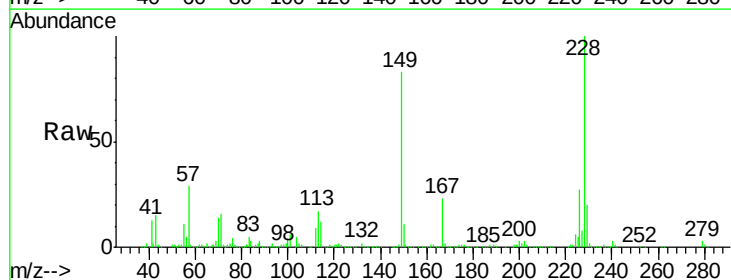
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

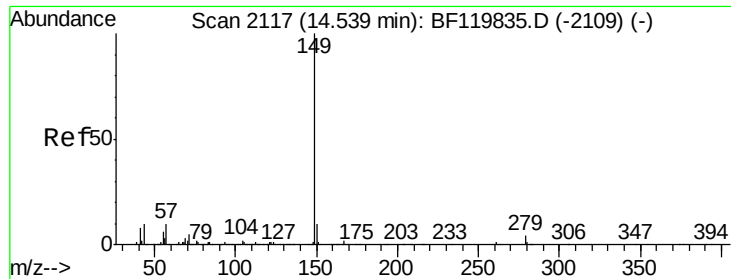
Tot Ion:228 Resp: 1026589
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 19.9 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 31.744 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion:149 Resp: 687921
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.2 2.7 4.1

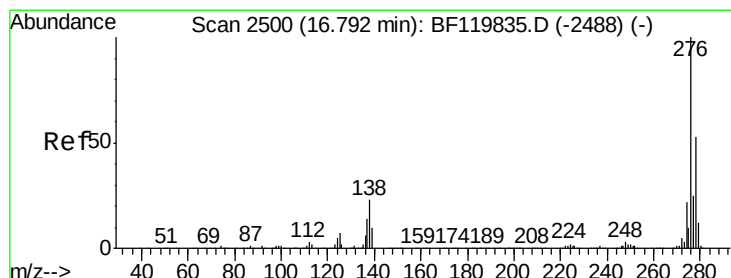
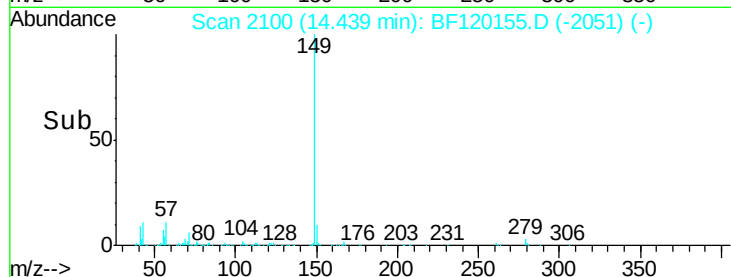
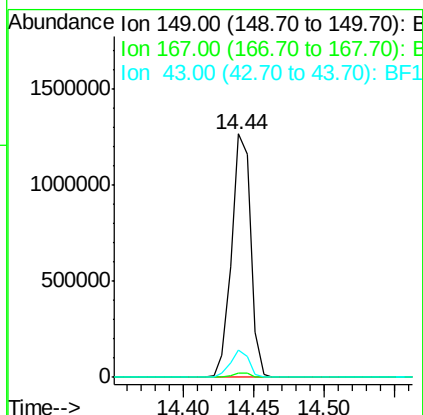
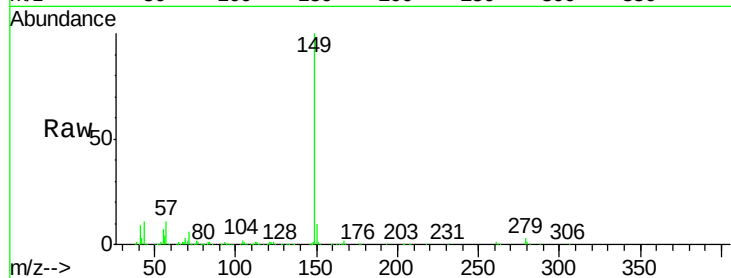




#85
Di-n-octyl phthalate
Concen: 32.395 ng
RT: 14.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

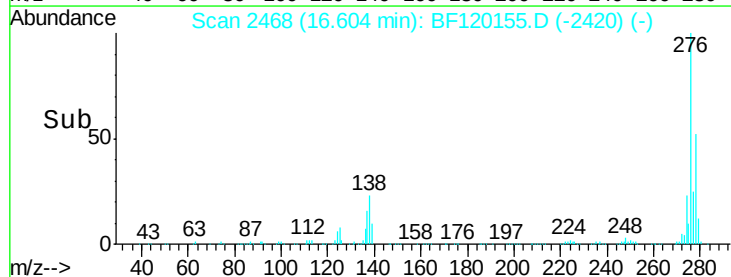
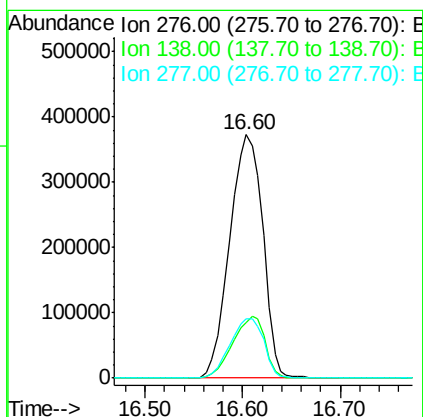
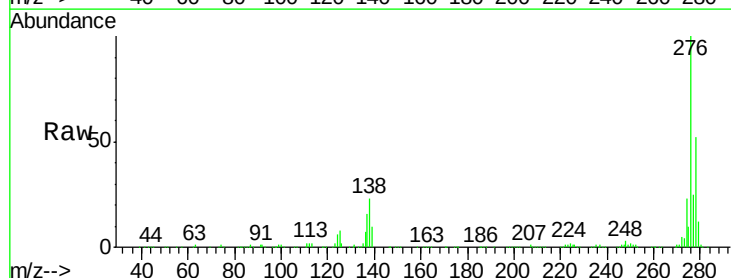
Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

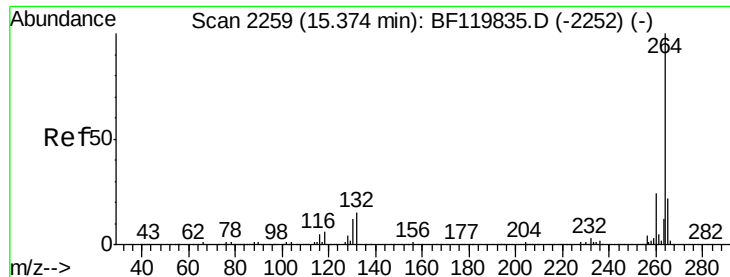
Tot Ion:149 Resp: 1195331
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.151 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.02 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:276 Resp: 879408
Ion Ratio Lower Upper
276 100
138 24.9 19.6 29.4
277 24.9 20.0 30.0

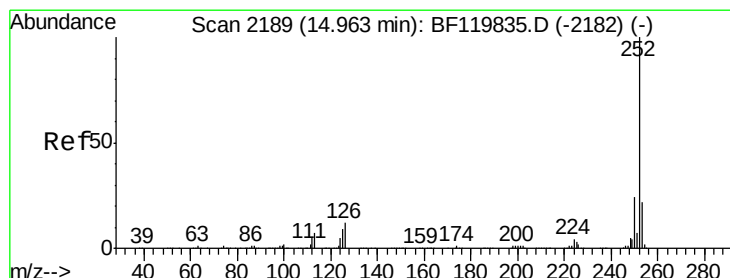
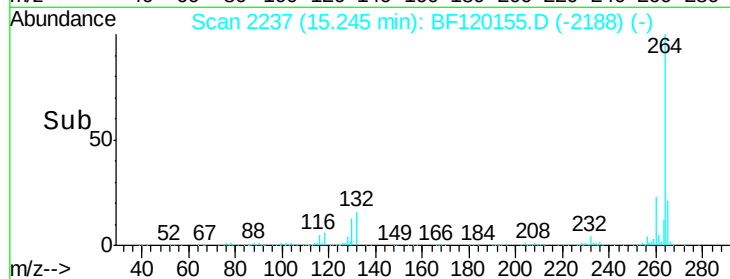
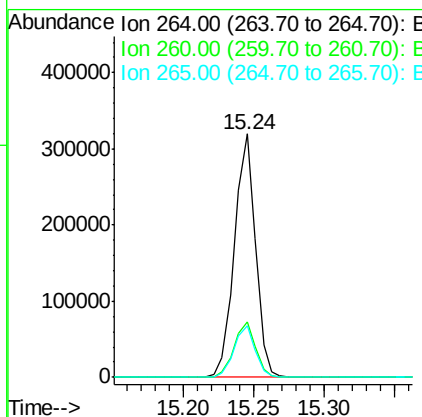
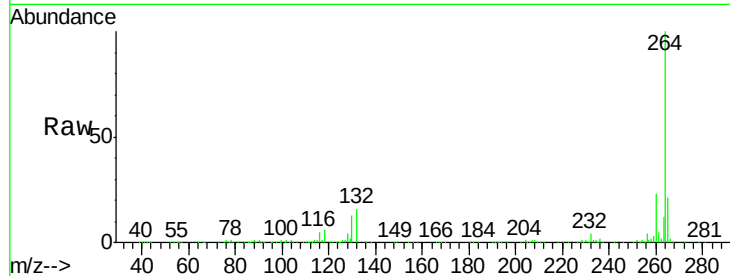




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

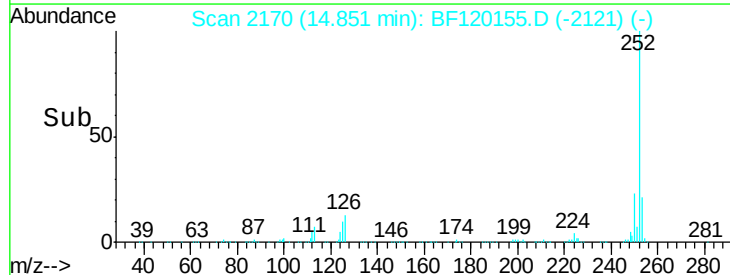
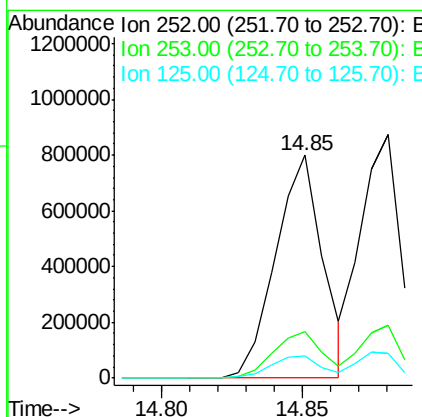
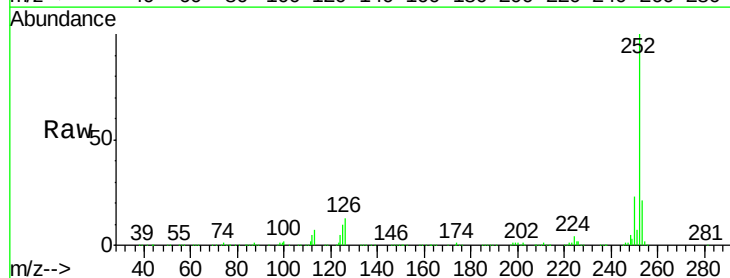
Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

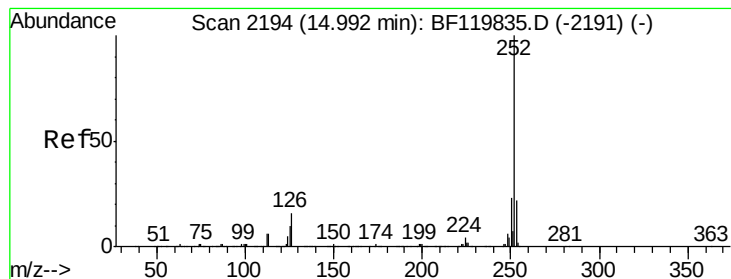
Tot Ion:264 Resp: 332859
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.0 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 38.653 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:252 Resp: 925559
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 9.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 41.299 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

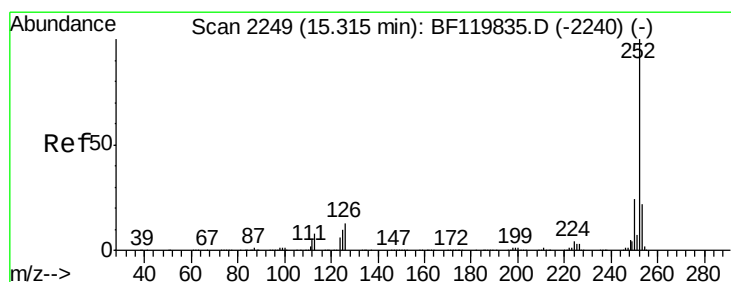
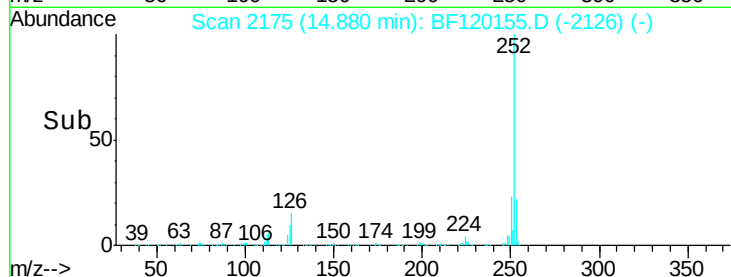
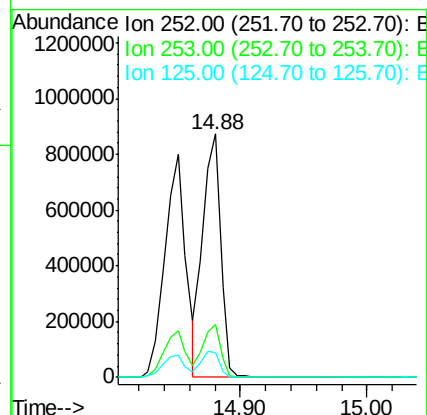
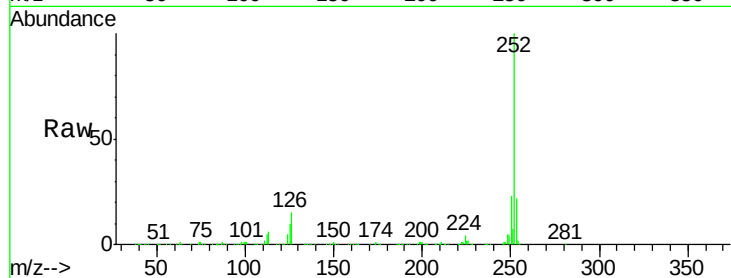
Tot Ion:252 Resp: 853252

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.0 8.4 12.6



#90

Benzo(a)pyrene

Concen: 38.896 ng

RT: 15.19 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

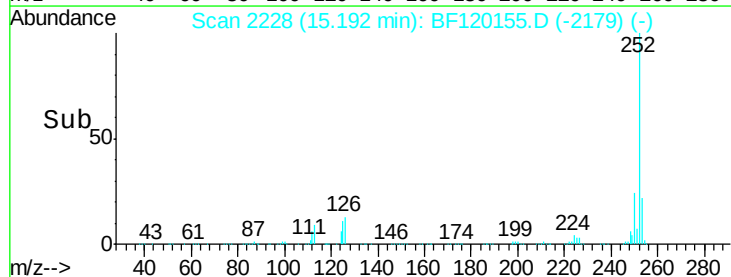
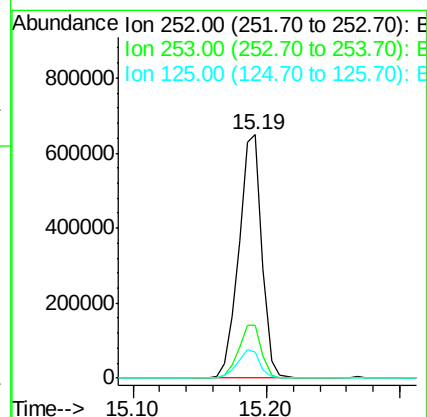
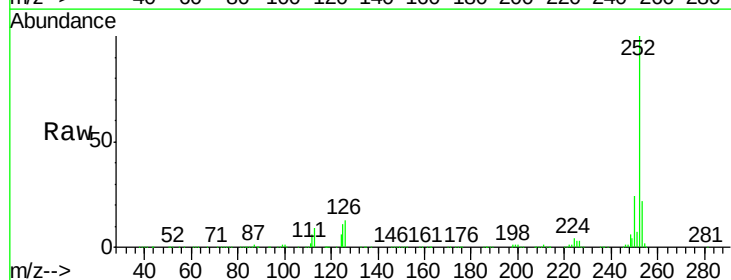
Tgt Ion:252 Resp: 783099

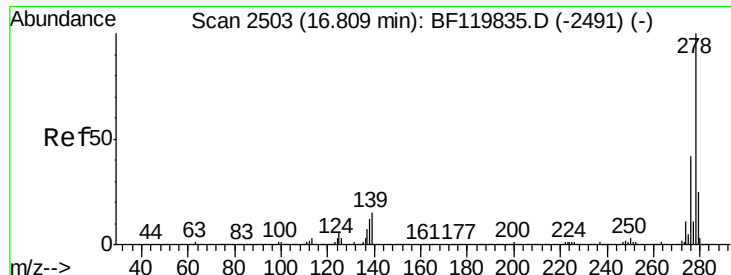
Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

125 10.8 9.4 14.2

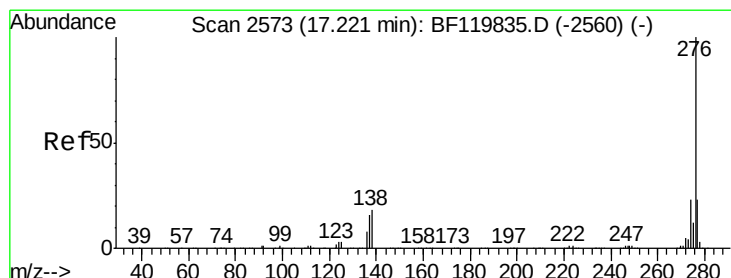
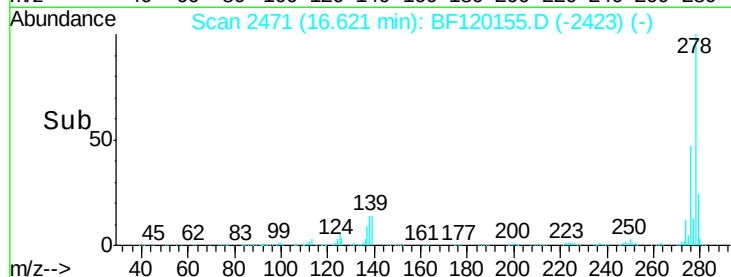
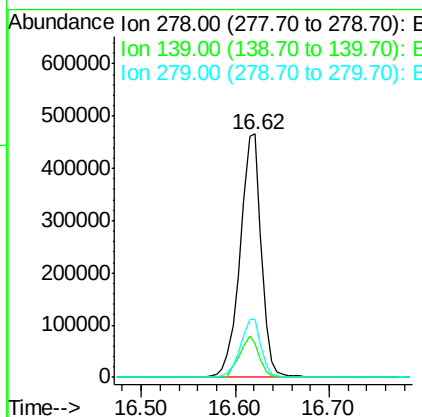
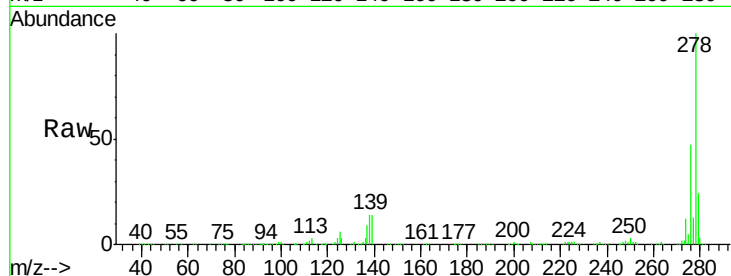




#91
 Dibenzo(a,h)anthracene
 Concen: 40.945 ng
 RT: 16.62 min Scan# 2471
 Delta R.T. -0.02 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	12.6	19.0
279	23.8	19.0	28.6



#92
 Benzo(g,h,i)perylene
 Concen: 41.288 ng
 RT: 17.02 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	20.4	15.4	23.0

