

Data File : BF118567.D
Acq On : 17 Jan 2020 19:31
Operator : JU
Sample : L1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-011420

Quant Time: Jan 18 01:04:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	305047	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1096439	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	613771	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	1150592	20.00	ng	0.00
76) Chrysene-d12	14.04	240	982475	20.00	ng	0.00
87) Perylene-d12	15.52	264	1013849	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2406611	145.77	ng	0.01
7) Phenol-d6	6.52	99	2949706	136.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	1956493	110.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1117414	164.69	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3662763	107.73	ng	0.00
79) Terphenyl-d14	13.00	244	4637709	93.23	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.81	88	126	0.016	ng	# 23
3) Pyridine	3.45	79	378	0.017	ng	# 16
4) n-Nitrosodimethylamine	3.38	42	471	0.047	ng	# 1
6) Aniline	6.52	93	230	0.008	ng	# 1
8) 2-Chlorophenol	6.67	128	776	0.041	ng	# 1
9) Benzaldehyde	6.51	77	5683	0.513	ng	# 3
10) Phenol	6.52	94	1647	0.069	ng	# 1
11) bis(2-Chloroethyl)ether	6.66	93	3810	0.200	ng	# 1
12) 1,3-Dichlorobenzene	6.83	146	122	0.005	ng	# 25
13) 1,4-Dichlorobenzene	6.83	146	122	0.005	ng	# 23
14) 1,2-Dichlorobenzene	7.06	146	169	0.008	ng	# 39
15) Benzyl Alcohol	7.05	79	36726	2.069	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	7.16	45	496	0.018	ng	# 65
17) 2-Methylphenol	7.12	107	232	0.015	ng	# 6
18) Hexachloroethane	7.43	117	576	0.070	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	280906	18.108	ng	# 78
20) 3+4-Methylphenols	7.27	107	1474	0.077	ng	# 80
22) Acetophenone	7.29	105	3773	0.142	ng	# 81
24) Nitrobenzene	7.49	77	242	0.013	ng	# 37
25) Isophorone	7.45	82	1948514	50.572	ng	# 63
27) 2,4-Dimethylphenol	7.94	122	1336	0.087	ng	# 85
28) bis(2-Chloroethoxy)methane	8.17	93	579	0.023	ng	# 1
30) 1,2,4-Trichlorobenzene	8.11	180	219	0.011	ng	# 71
31) Naphthalene	8.19	128	15749	0.305	ng	# 95
32) Benzoic acid	7.83	122	5603	8.300	ng	# 98
33) 4-Chloroaniline	8.19	127	2118	0.088	ng	# 46
35) Caprolactam	8.55	113	351	0.067	ng	# 32
37) 2-Methylnaphthalene	8.88	142	4962	0.135	ng	# 97
38) 1-Methylnaphthalene	8.98	142	3749	0.108	ng	# 95
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	734	0.037	ng	# 78
41) Hexachlorocyclopentadiene	9.05	237	291	0.028	ng	# 28
46) 1,1'-Biphenyl	9.35	154	11791	0.269	ng	# 95
47) 2-Chloronaphthalene	9.37	162	910	0.025	ng	# 90
48) 2-Nitroaniline	9.25	65	6785	0.706	ng	# 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthylene	9.78	152	1326	0.025	ng	# 81
51) 2,6-Dinitrotoluene	9.92	165	79719	9.915	ng	# 27
52) Acenaphthene	9.96	154	2277	0.067	ng	91
55) Dibenzofuran	10.13	168	4841	0.100	ng	# 92
56) 4-Nitrophenol	10.13	139	1740	0.259	ng	# 13
57) 2,4-Dinitrotoluene	9.92	165	79719	11.771	ng	# 22
58) Fluorene	10.47	166	3699	0.099	ng	# 93
60) Diethylphthalate	10.34	149	2005	0.049	ng	# 79
61) 4-Chlorophenyl-phenylether	10.46	204	805	0.039	ng	# 66
63) Azobenzene	10.62	77	1789	0.045	ng	77
65) 4,6-Dinitro-2-methylphenol	10.71	198	2421	10.138	ng	# 1
66) n-Nitrosodiphenylamine	10.71	169	30297	0.819	ng	# 43
67) 4-Bromophenyl-phenylether	10.71	248	69482	4.511	ng	# 1
68) Hexachlorobenzene	11.02	284	174	0.010	ng	# 43
70) Pentachlorophenol	11.21	266	109	0.013	ng	# 19
71) Phenanthrene	11.48	178	3493	0.060	ng	98
72) Anthracene	11.48	178	3493	0.061	ng	97
73) Carbazole	11.63	167	1826	0.035	ng	# 87
74) Di-n-butylphthalate	11.97	149	5802	0.090	ng	# 89
75) Fluoranthene	12.62	202	4252	0.068	ng	91
77) Benzidine	13.00	184	66508	2.786	ng	# 93
78) Pyrene	12.85	202	4509	0.061	ng	# 85
80) Butylbenzylphthalate	13.46	149	1558	0.050	ng	# 85
81) Benzo(a)anthracene	14.07	228	3666	0.059	ng	95
83) Chrysene	14.07	228	3666	0.061	ng	# 89
84) Bis(2-ethylhexyl)phthalate	14.03	149	11904	0.305	ng	96
85) Di-n-octyl phthalate	14.64	149	5340	0.089	ng	# 48
86) Indeno(1,2,3-cd)pyrene	16.97	276	5690	0.097	ng	# 85
88) Benzo(b)fluoranthene	15.08	252	5553	0.084	ng	99
89) Benzo(k)fluoranthene	15.08	252	5553	0.093	ng	100
90) Benzo(a)pyrene	15.44	252	4079	0.071	ng	94
91) Dibenzo(a,h)anthracene	17.00	278	4617	0.086	ng	# 88
92) Benzo(g,h,i)perylene	17.42	276	4910	0.095	ng	94

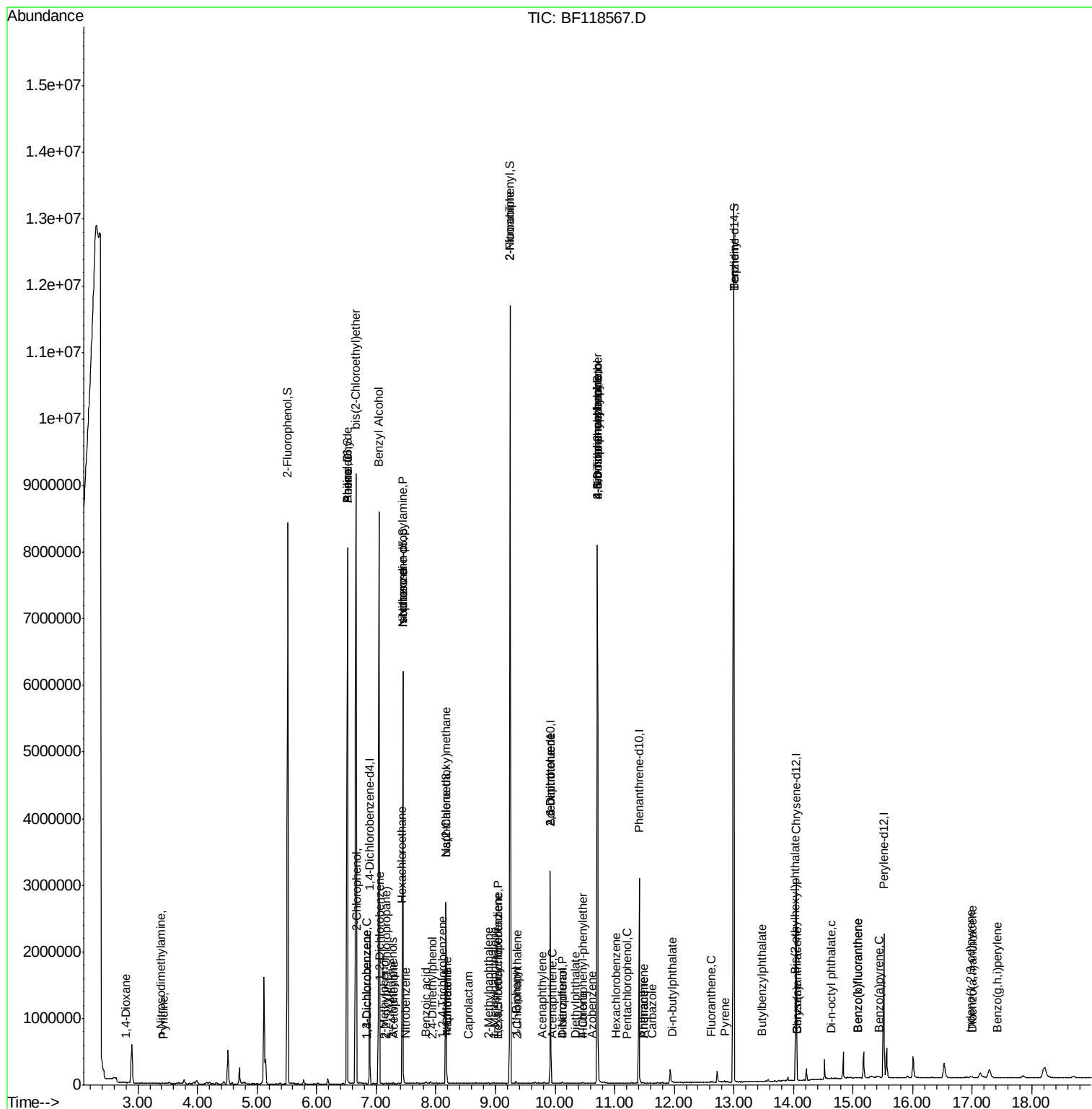
(#) = qualifier out of range (m) = manual integration (+) = signals summed

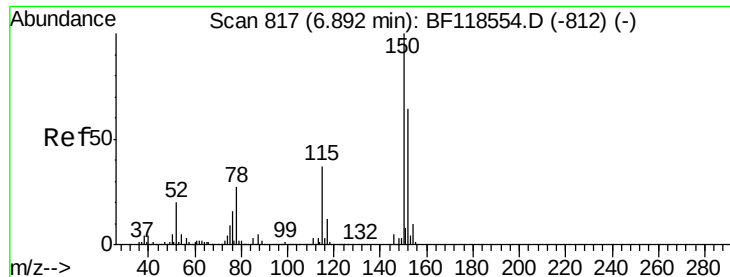
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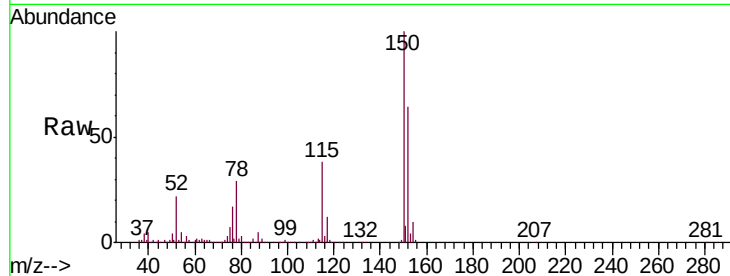


#1

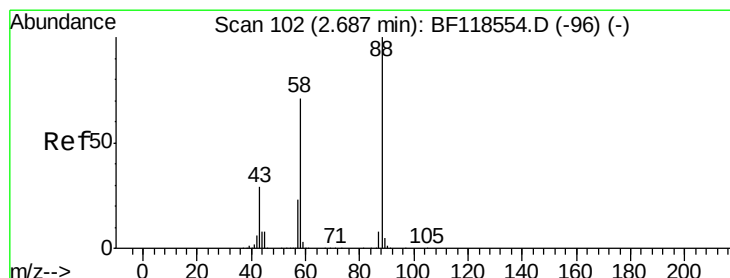
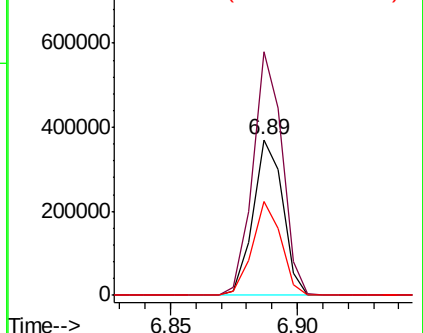
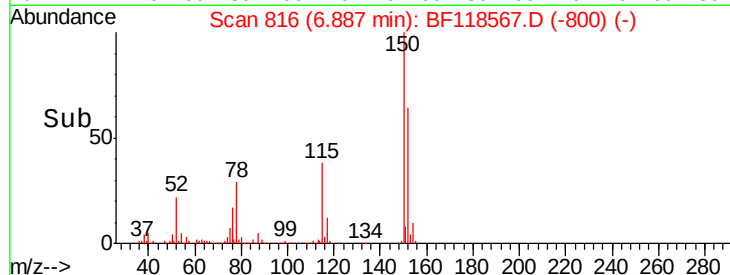
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118567.D
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BNA_F
ClientSampleId :
HR-05-011420

Tgt Ion:152 Resp: 305047
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 60.1 45.8 68.6



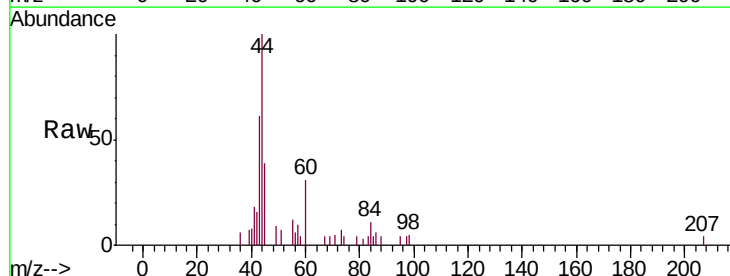
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



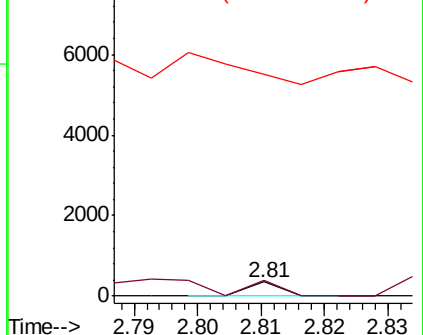
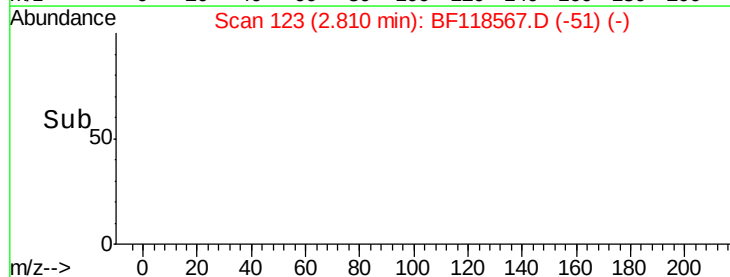
#2

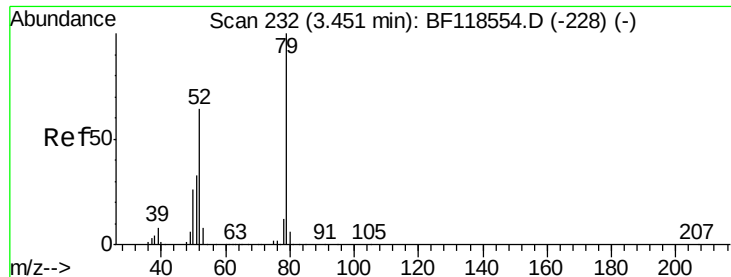
1,4-Dioxane
Concen: 0.016 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.12 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
58 0.0 56.7 85.1#
43 0.0 23.3 34.9#



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

Pyridine

Concen: 0.017 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

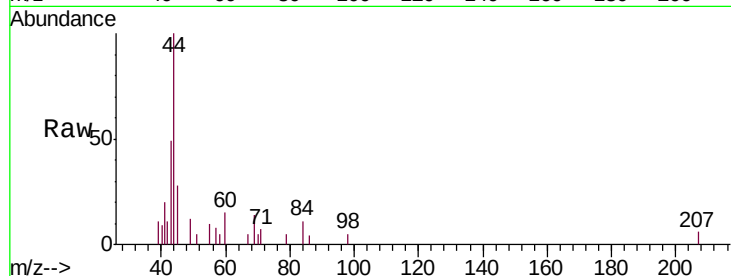
Tgt Ion: 79 Resp: 378

Ion Ratio Lower Upper

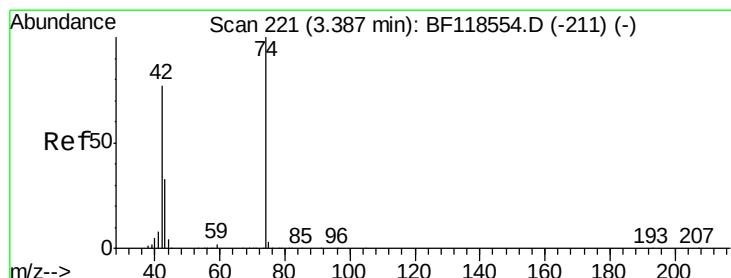
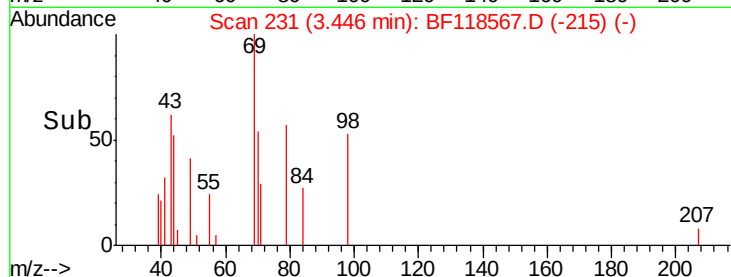
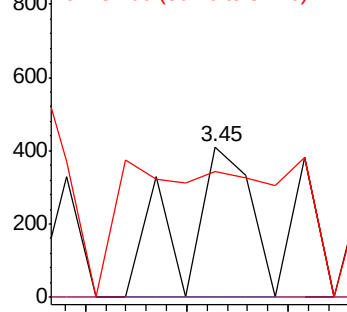
79 100

52 0.0 51.3 76.9#

51 84.1 26.7 40.1#



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: 0.047 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

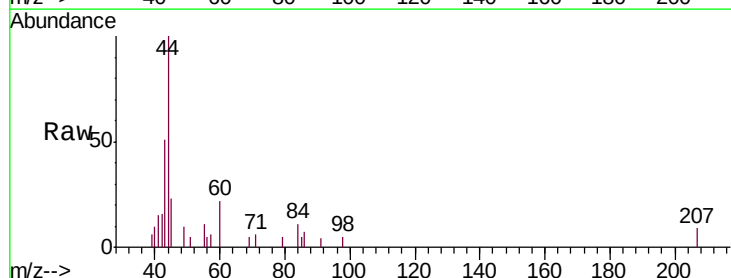
Tgt Ion: 42 Resp: 471

Ion Ratio Lower Upper

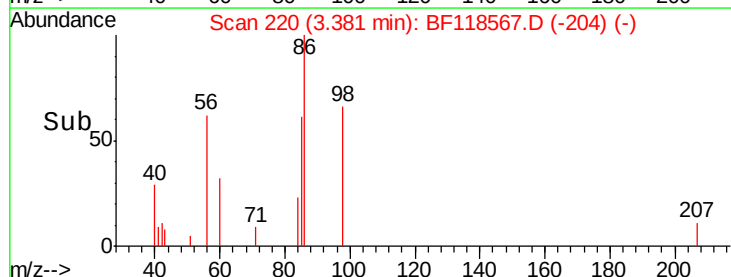
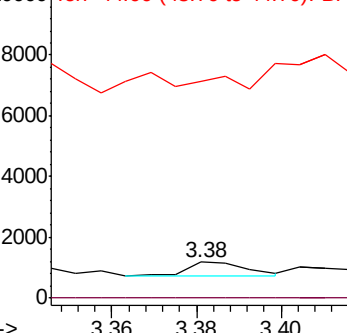
42 100

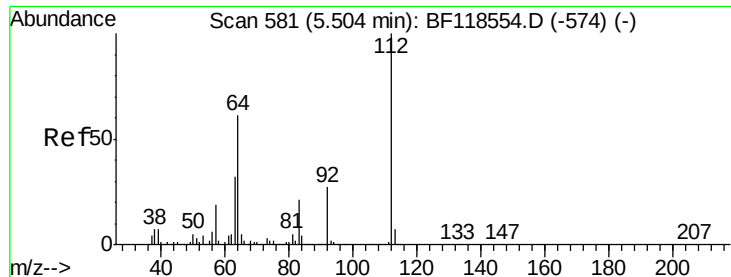
74 0.0 103.1 154.7#

44 608.1 5.4 8.2#



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: 145.773 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

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ClientSampleId :

HR-05-011420

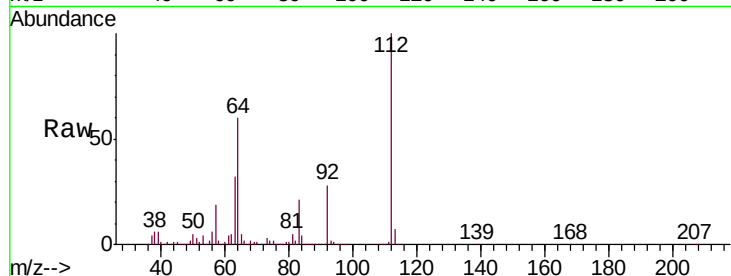
Tgt Ion:112 Resp: 2406611

Ion Ratio Lower Upper

112 100

64 59.6 49.1 73.7

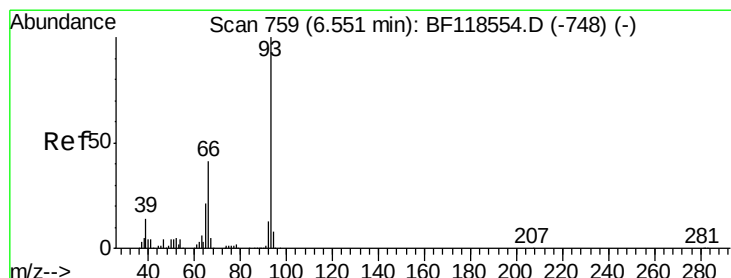
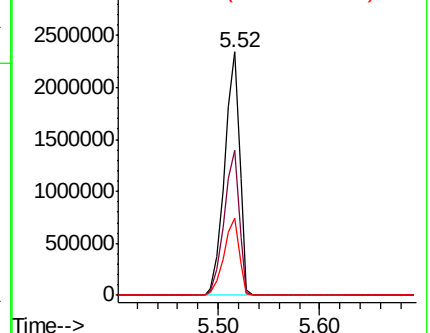
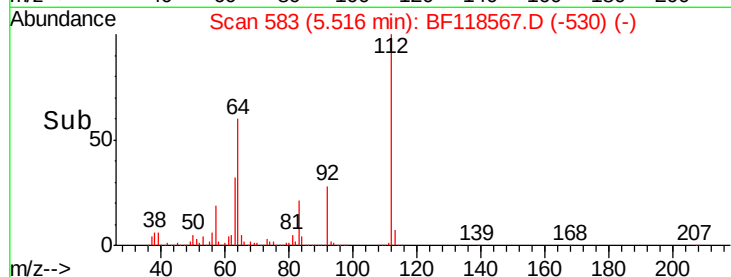
63 32.0 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.008 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

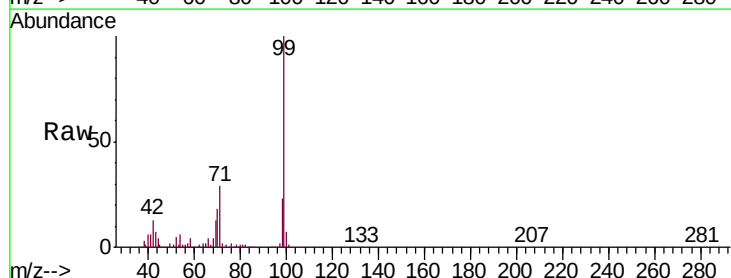
Tgt Ion: 93 Resp: 230

Ion Ratio Lower Upper

93 100

66 4525.5 32.9 49.3#

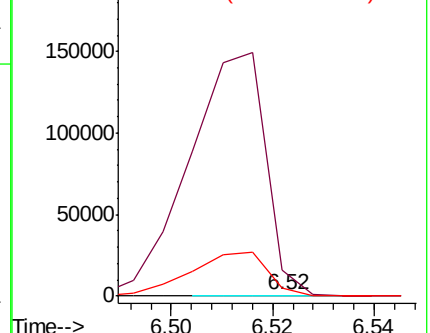
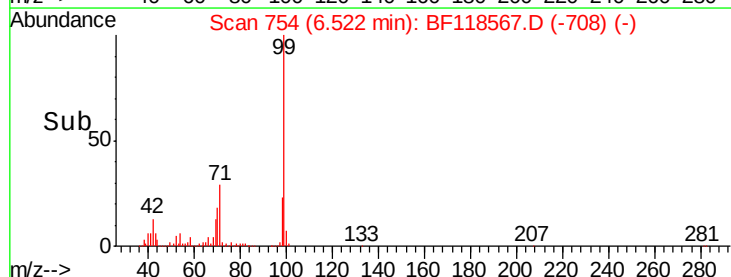
65 1515.7 16.5 24.7#

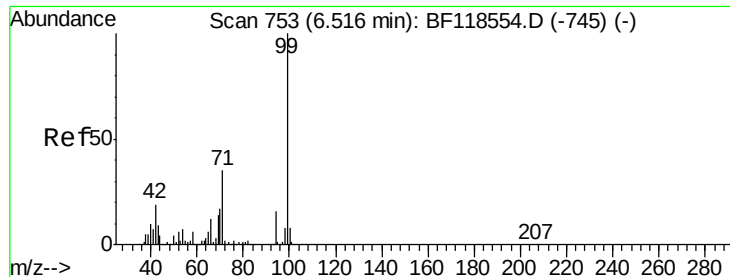


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.357 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118567.D

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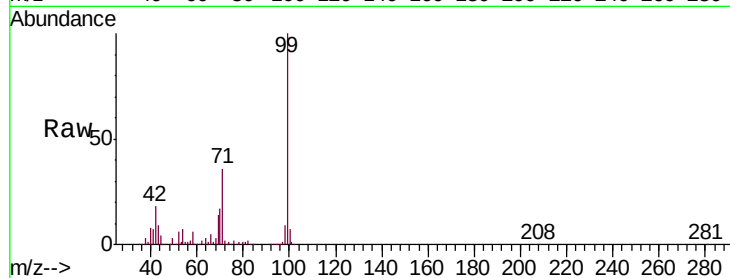
Tgt Ion: 99 Resp: 2949706

Ion Ratio Lower Upper

99 100

42 18.1 14.9 22.3

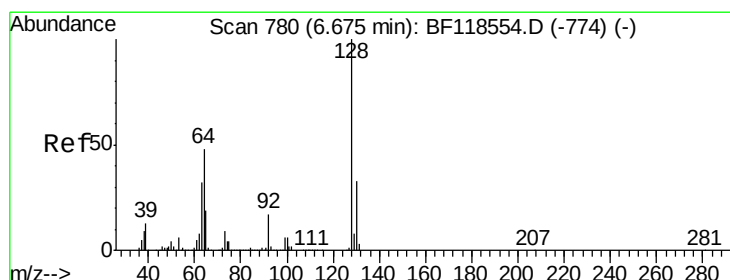
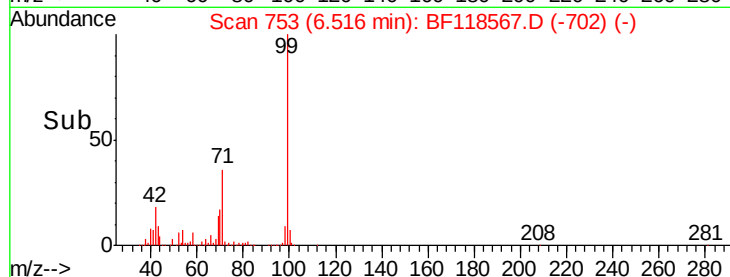
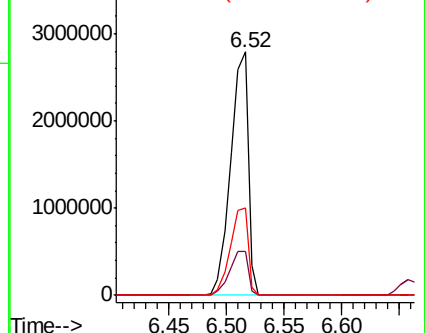
71 36.0 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.041 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

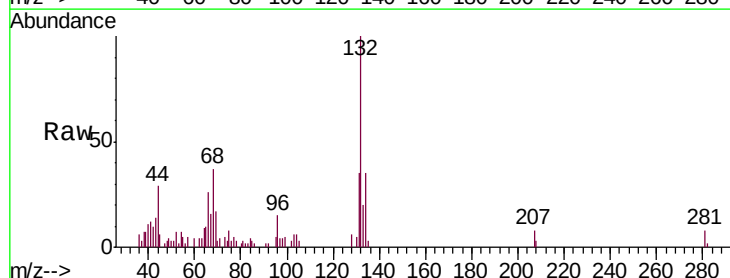
Tgt Ion: 128 Resp: 776

Ion Ratio Lower Upper

128 100

130 79.6 13.2 53.2#

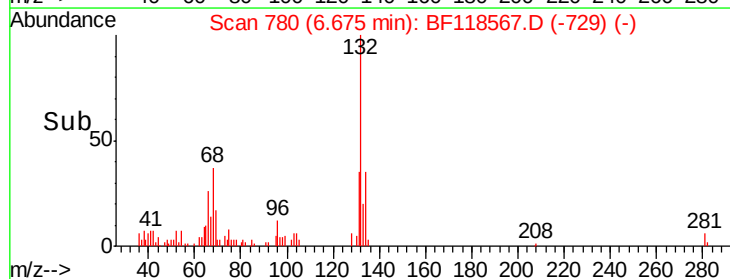
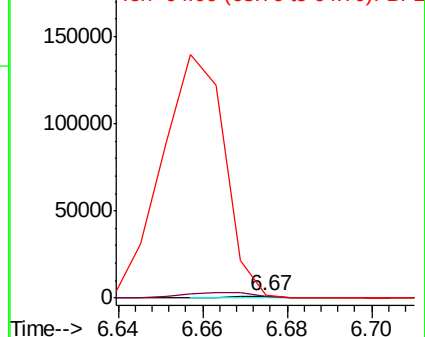
64 153.1 28.9 68.9#

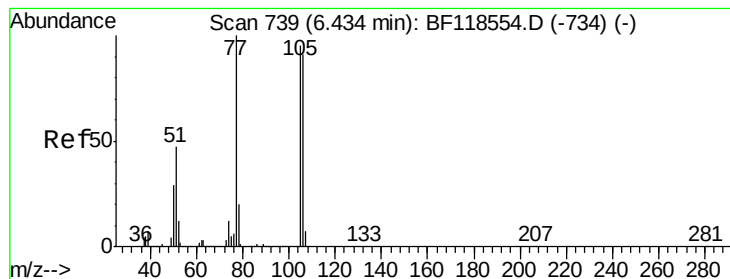


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.513 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

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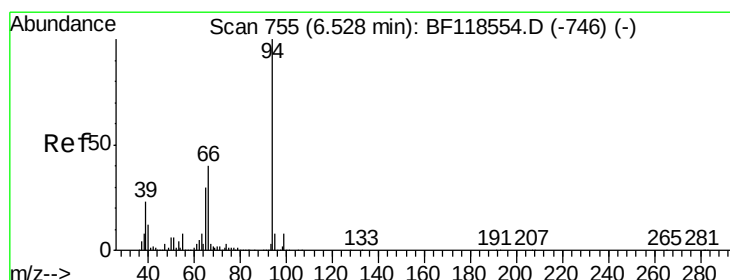
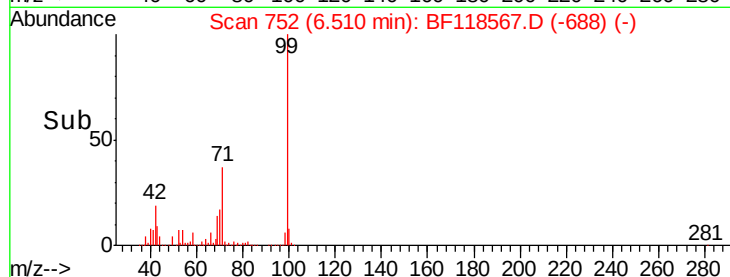
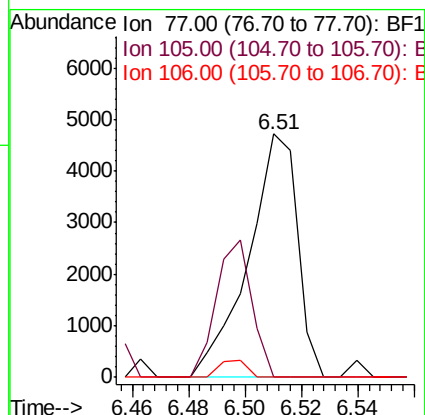
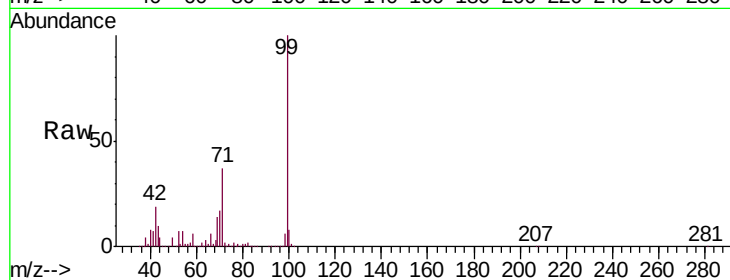
Tgt Ion: 77 Resp: 5683

Ion Ratio Lower Upper

77 100

105 0.0 75.2 115.2#

106 0.0 71.4 111.4#



#10

Phenol

Concen: 0.069 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

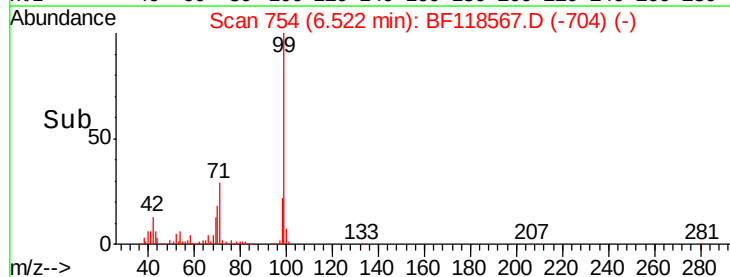
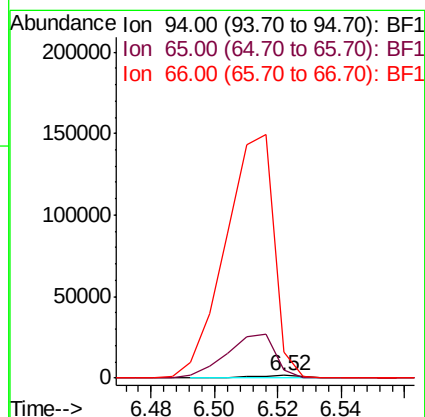
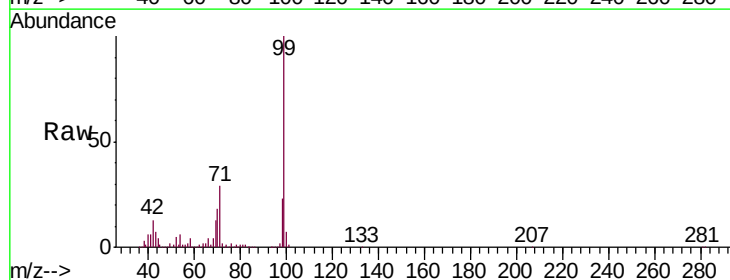
Tgt Ion: 94 Resp: 1647

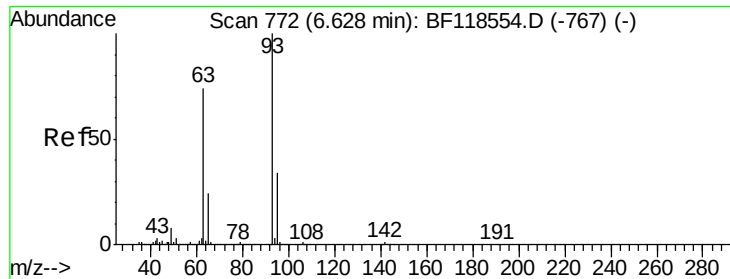
Ion Ratio Lower Upper

94 100

65 305.6 9.8 49.8#

66 912.5 19.5 59.5#

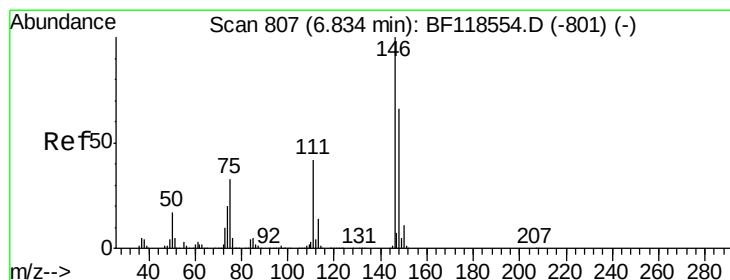
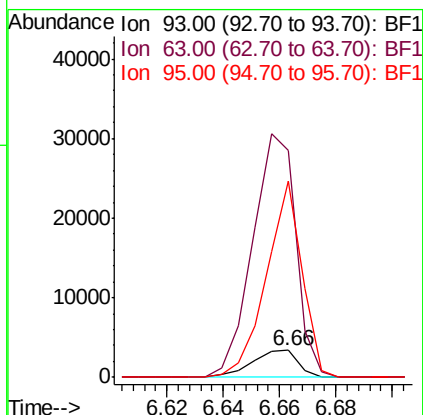
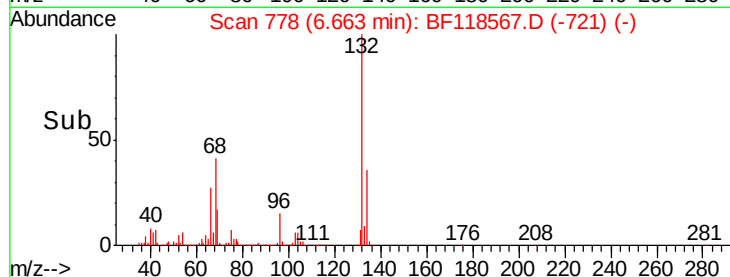
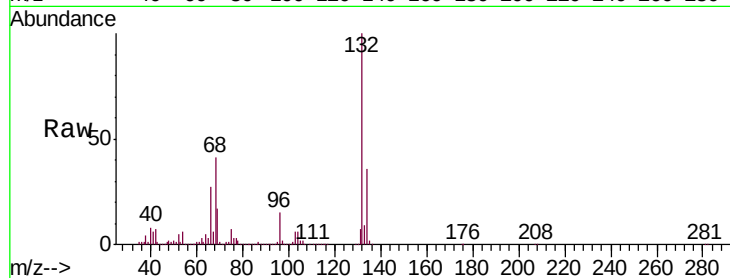




#11
bis(2-Chloroethyl)ether
Concen: 0.200 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.04 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

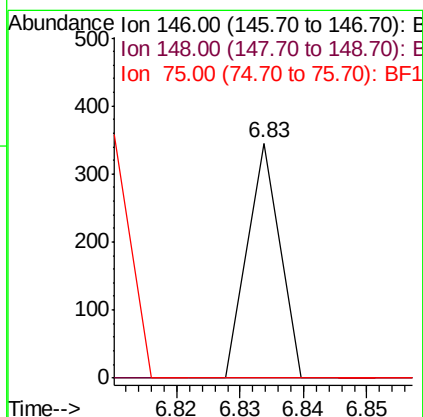
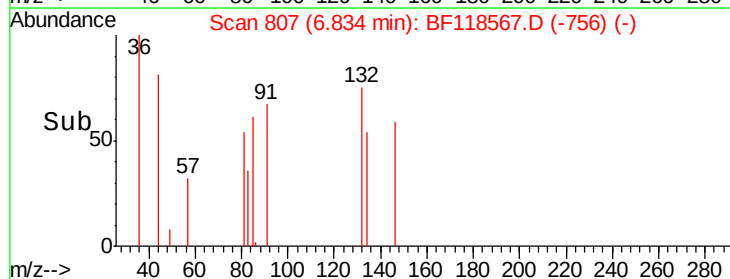
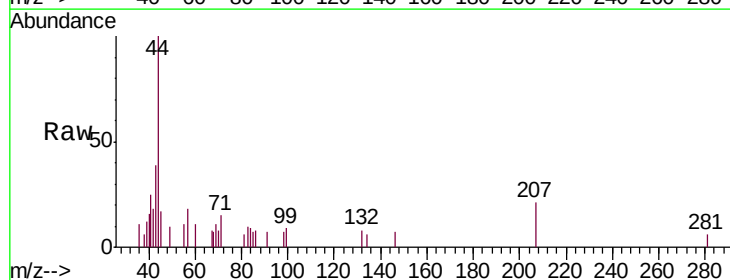
Instrument :
BNA_F
ClientSampleId :
HR-05-011420

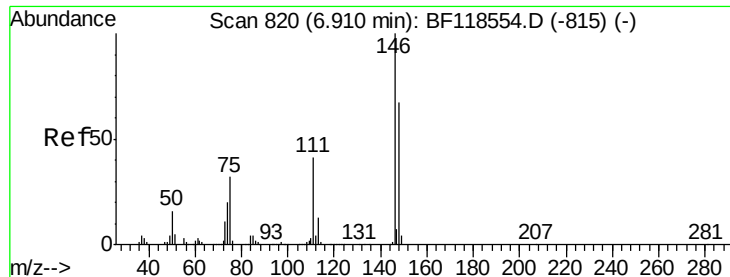
Tgt Ion: 93 Resp: 3810
Ion Ratio Lower Upper
93 100
63 845.3 54.0 94.0#
95 731.2 13.5 53.5#



#12
1,3-Dichlorobenzene
Concen: 0.005 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 146 Resp: 122
Ion Ratio Lower Upper
146 100
148 0.0 53.0 79.6#
75 0.0 26.5 39.7#

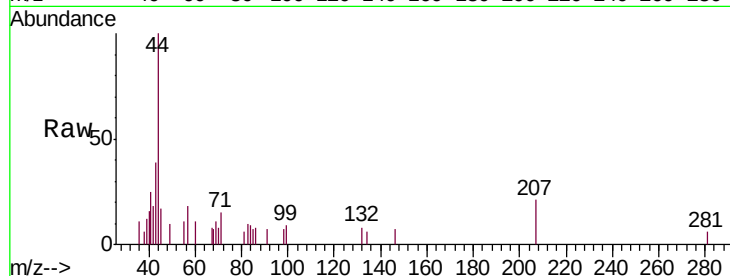




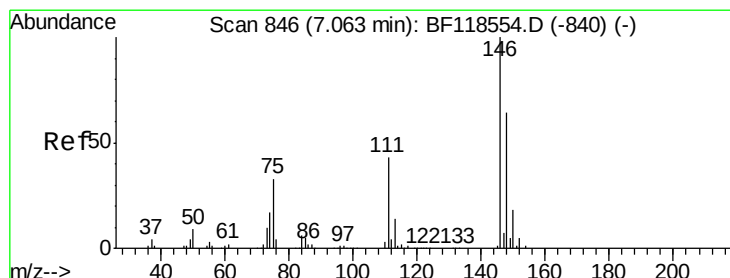
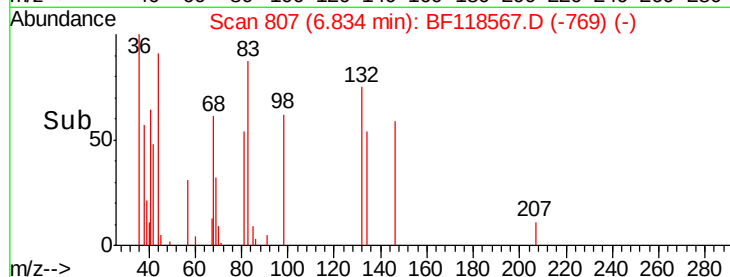
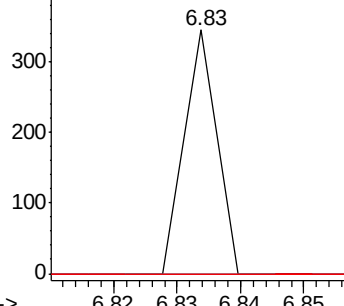
#13
 1,4-Dichlorobenzene
 Concen: 0.005 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.08 min
 Lab File: BF118567.D
 Acq: 17 Jan 2020 19:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420

Tgt Ion:146 Resp: 122
 Ion Ratio Lower Upper
 146 100
 148 0.0 53.4 80.2#
 111 0.0 32.6 48.8#

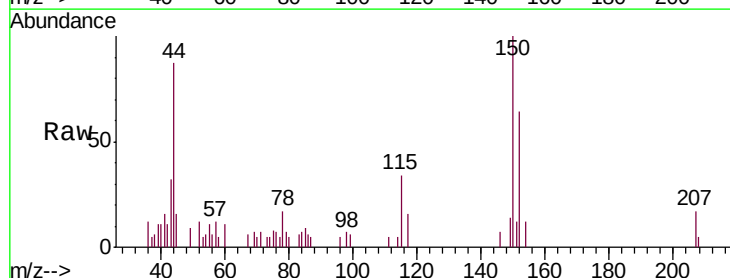


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

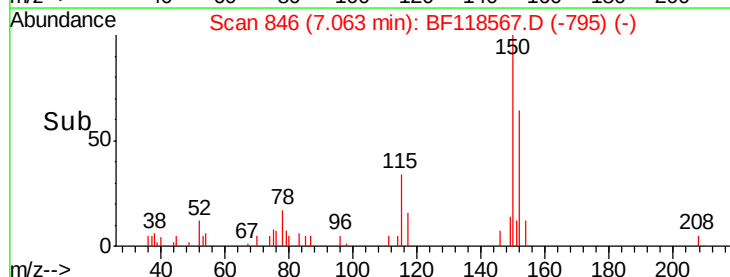
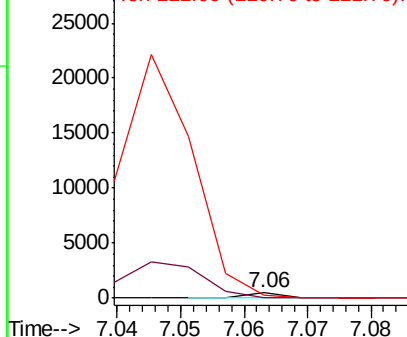


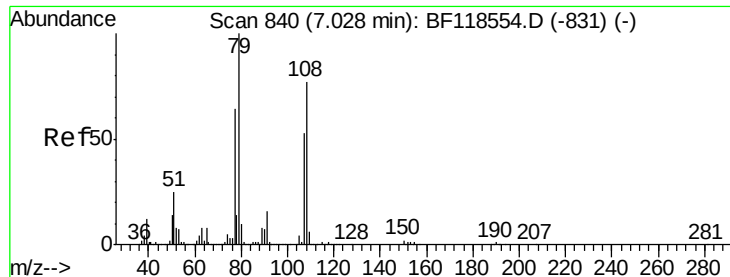
#14
 1,2-Dichlorobenzene
 Concen: 0.008 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF118567.D
 Acq: 17 Jan 2020 19:31

Tgt Ion:146 Resp: 169
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.2 76.8#
 111 63.4 34.6 52.0#



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





#15

Benzyl Alcohol

Concen: 2.069 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.02 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

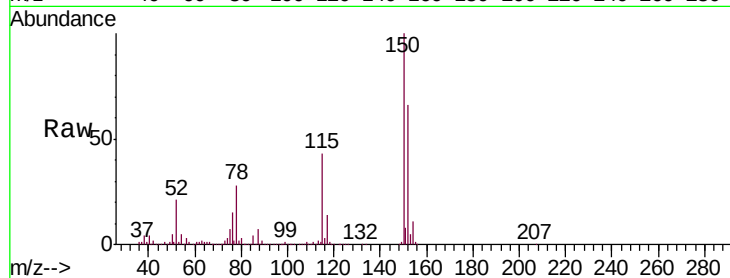
Tgt Ion: 79 Resp: 36726

Ion Ratio Lower Upper

79 100

108 37.6 61.9 92.9#

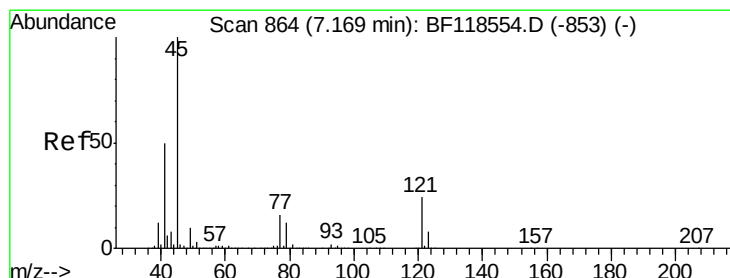
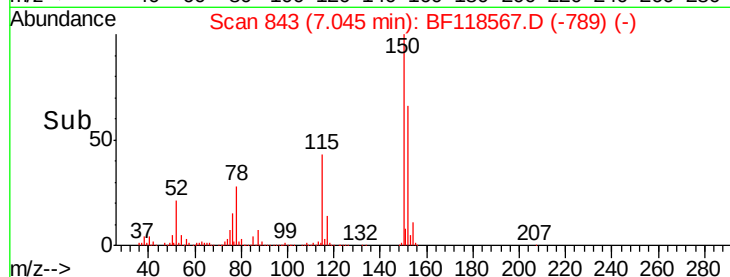
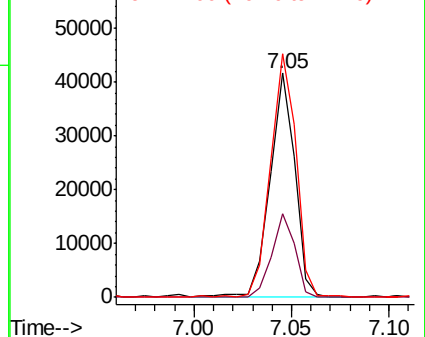
77 108.7 51.5 77.3#



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: 0.018 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

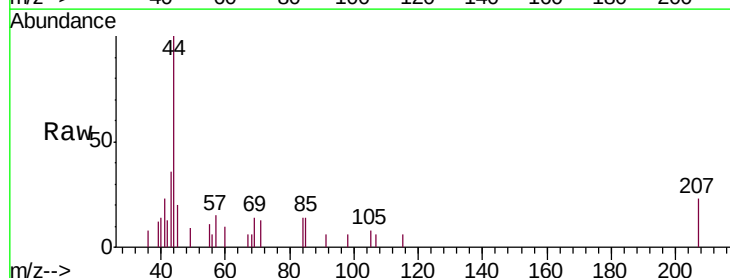
Tgt Ion: 45 Resp: 496

Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.8

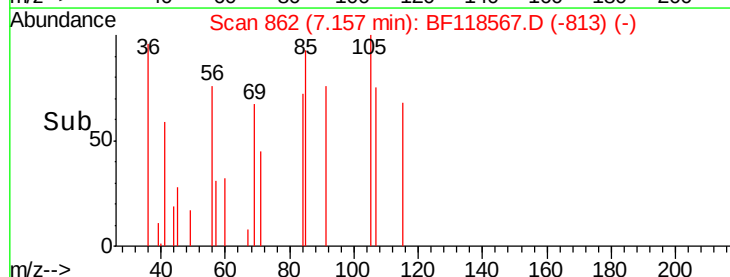
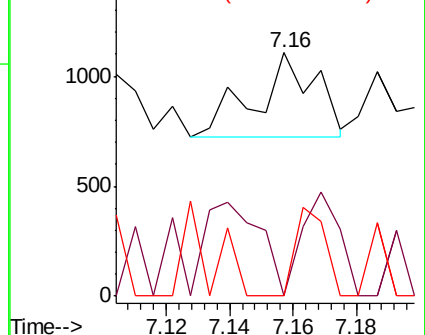
79 0.0 0.0 32.2

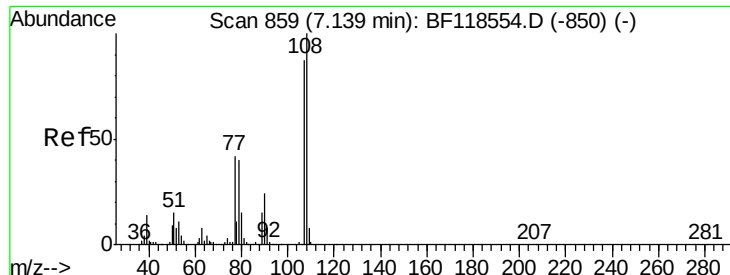


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

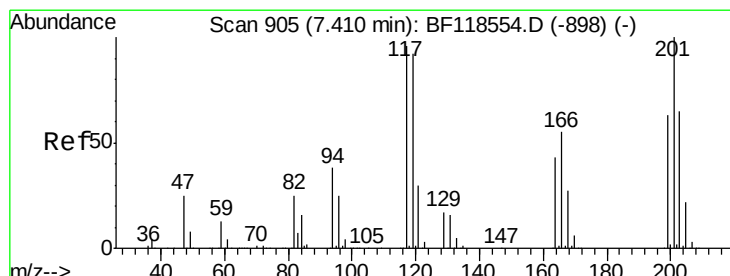
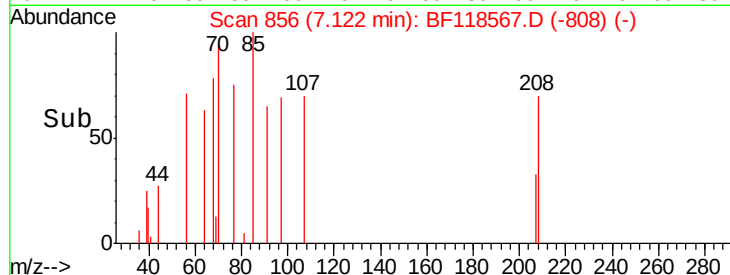
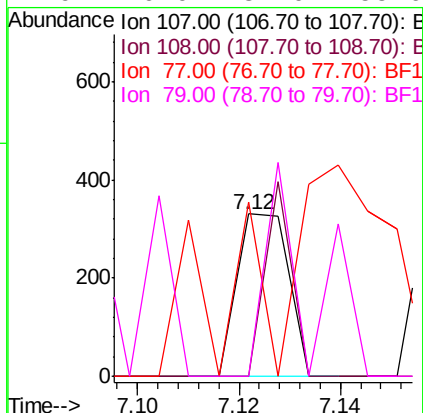
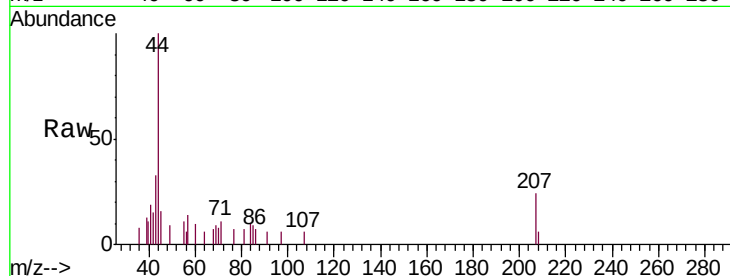




#17
2-Methylphenol
Concen: 0.015 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

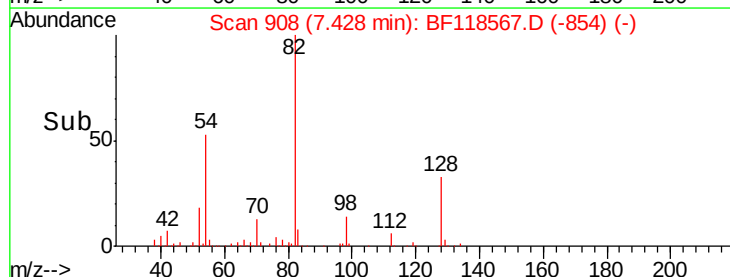
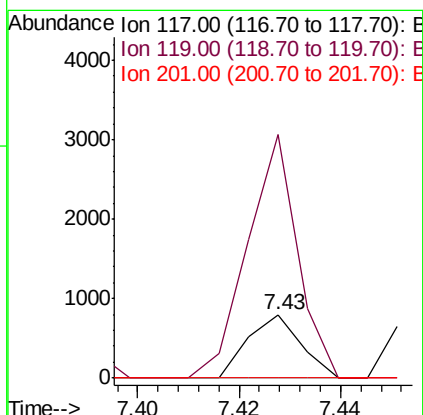
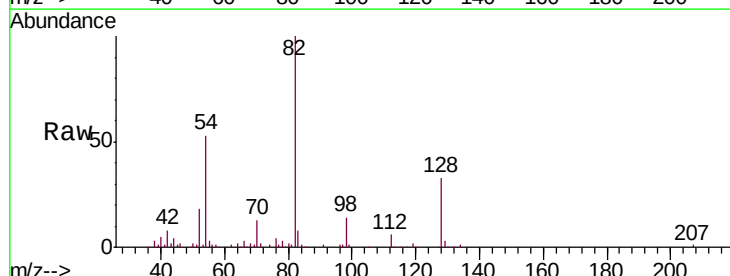
Instrument :
BNA_F
ClientSampleId :
HR-05-011420

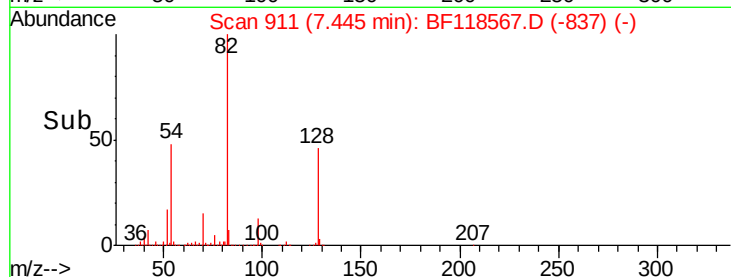
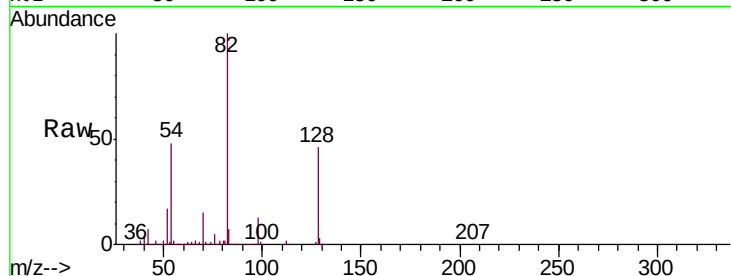
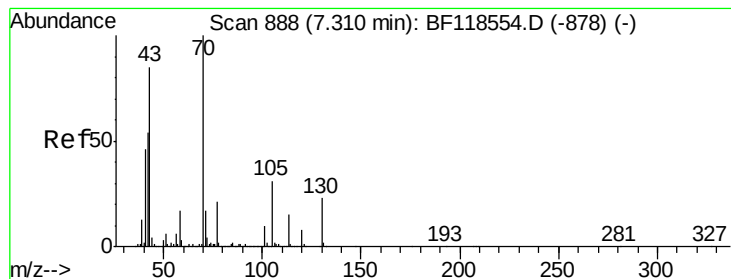
Tgt Ion:	107	Resp:	232
Ion	Ratio	Lower	Upper
107	100		
108	0.0	92.3	138.5#
77	107.3	38.6	57.8#
79	0.0	37.0	55.6#



#18
Hexachloroethane
Concen: 0.070 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.02 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:	117	Resp:	576
Ion	Ratio	Lower	Upper
117	100		
119	384.0	76.9	115.3#
201	0.0	83.6	125.4#





#19

n-Nitroso-di-n-propylamine

Concen: 18.108 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

Tgt Ion: 70 Resp: 280906

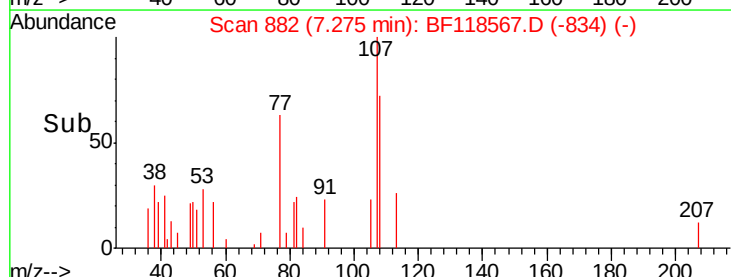
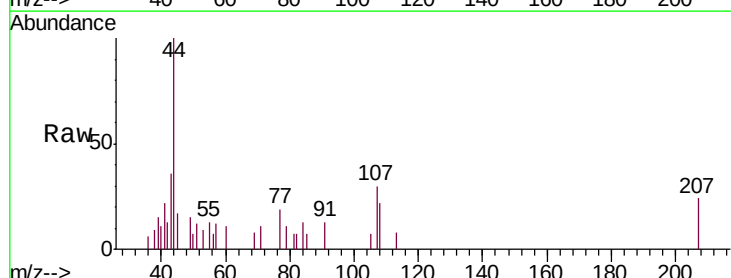
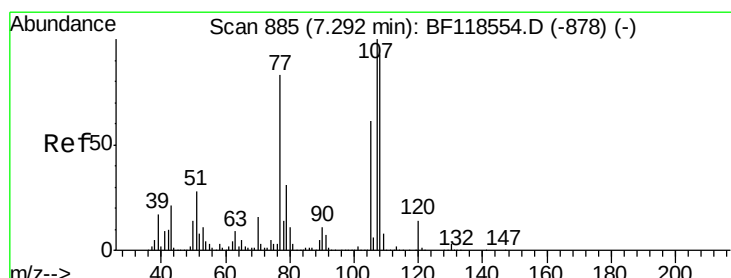
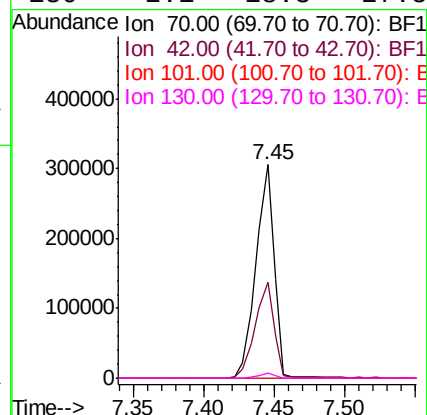
Ion Ratio Lower Upper

70 100

42 45.2 43.6 65.4

101 0.0 7.7 11.5#

130 2.1 18.3 27.5#



#20

3+4-Methylphenols

Concen: 0.077 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Tgt Ion:107 Resp: 1474

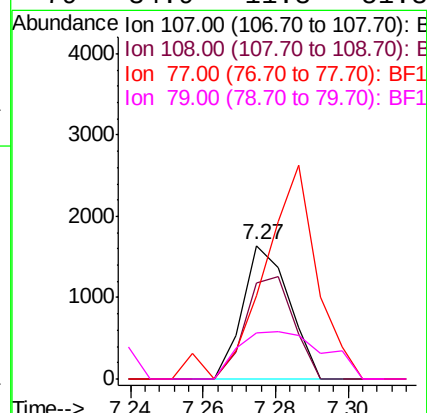
Ion Ratio Lower Upper

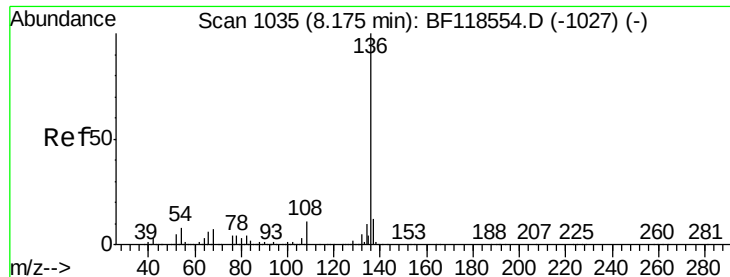
107 100

108 72.0 72.6 112.6#

77 62.6 63.0 103.0#

79 34.9 11.3 51.3

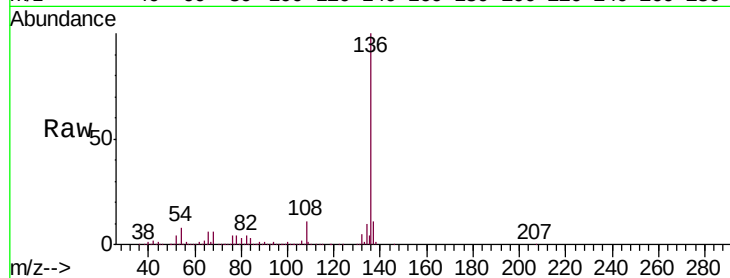




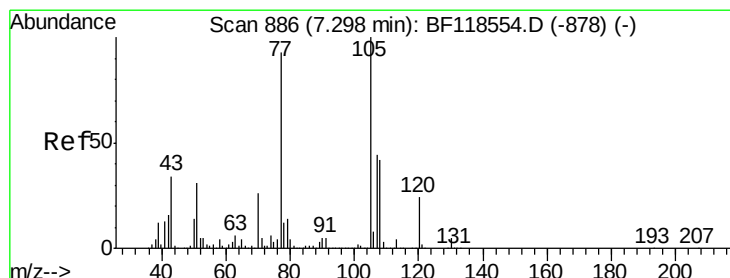
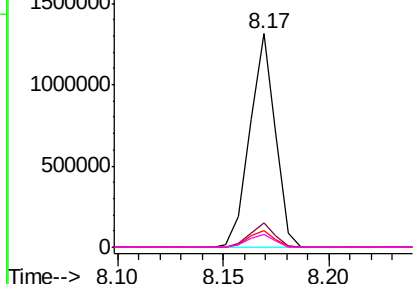
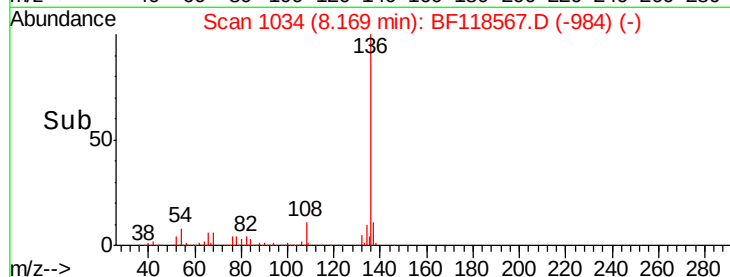
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Instrument :
BNA_F
ClientSampleId :
HR-05-011420

Tgt Ion:136 Resp: 1096439
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 7.5 6.2 9.2
68 6.0 5.4 8.0

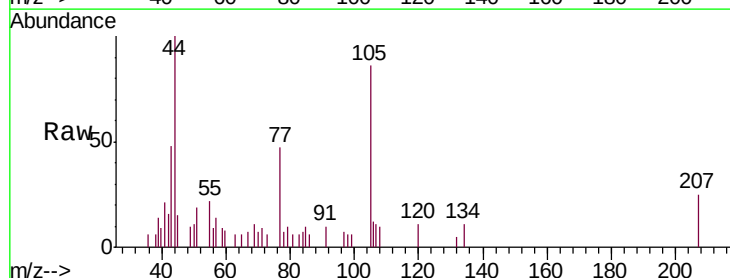


Abundance Ion 136.00 (135.70 to 136.70): E
2000000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

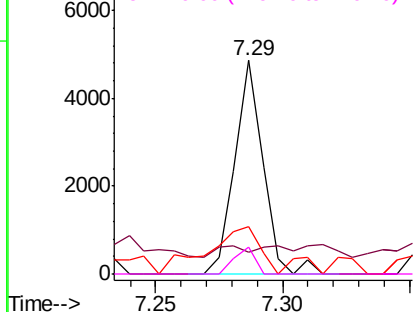
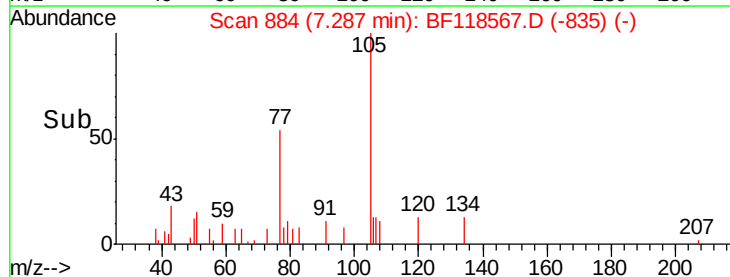


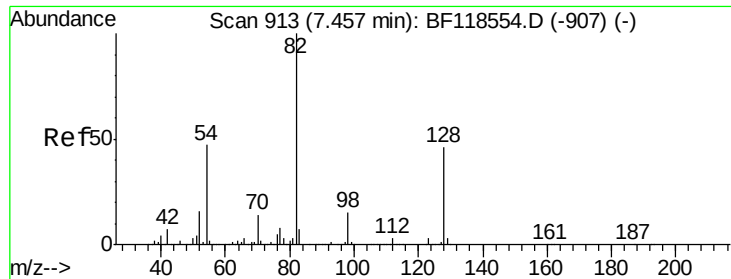
#22
Acetophenone
Concen: 0.142 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:105 Resp: 3773
Ion Ratio Lower Upper
105 100
71 10.4 3.8 5.6#
51 22.3 24.9 37.3#
120 12.8 19.2 28.8#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

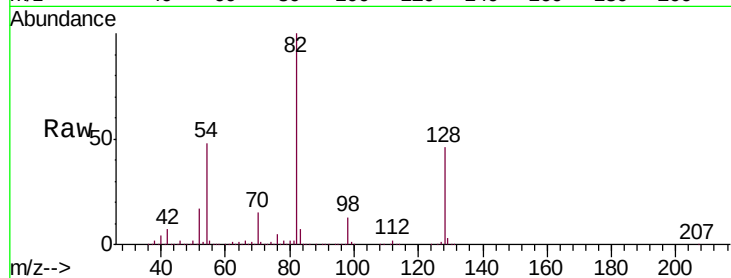




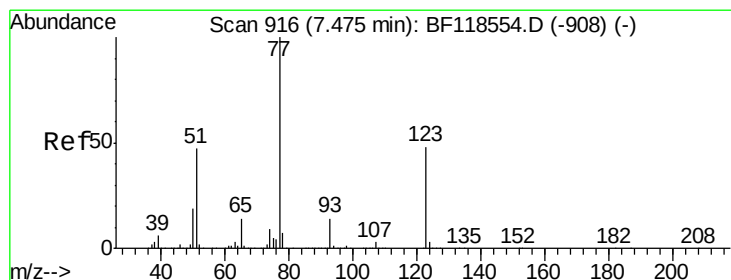
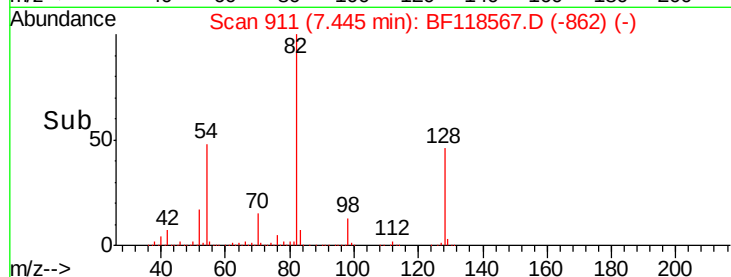
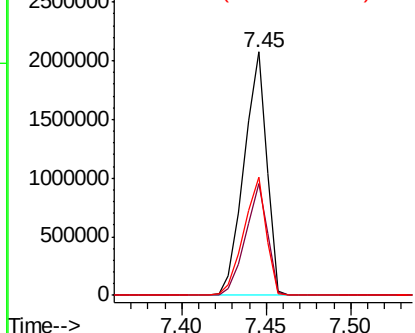
#23
Nitrobenzene-d5
Concen: 110.208 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Instrument :
BNA_F
ClientSampleId :
HR-05-011420

Tgt Ion: 82 Resp: 1956493
Ion Ratio Lower Upper
82 100
128 46.0 37.0 55.4
54 48.4 37.4 56.0

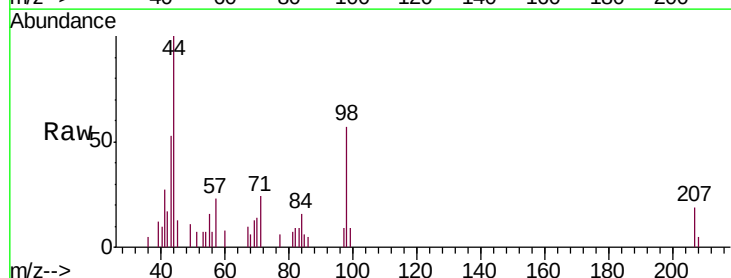


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

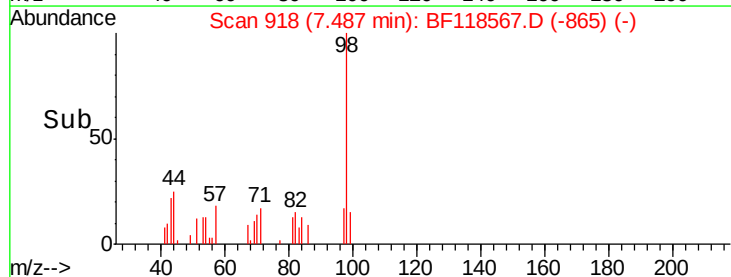
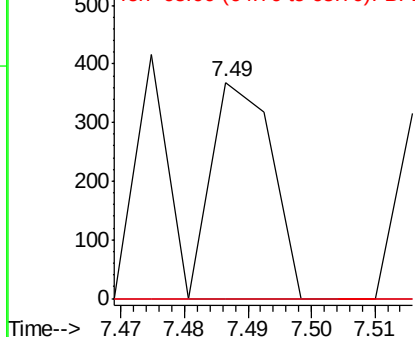


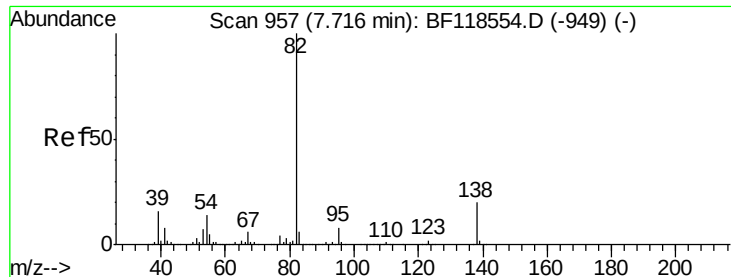
#24
Nitrobenzene
Concen: 0.013 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 77 Resp: 242
Ion Ratio Lower Upper
77 100
123 0.0 38.2 57.2#
65 0.0 11.1 16.7#



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





#25

Isophorone

Concen: 50.572 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.27 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

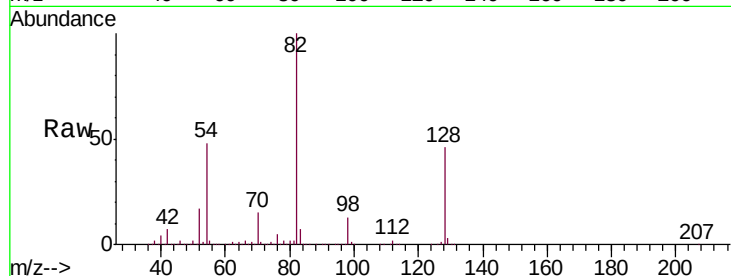
Tgt Ion: 82 Resp: 1948514

Ion Ratio Lower Upper

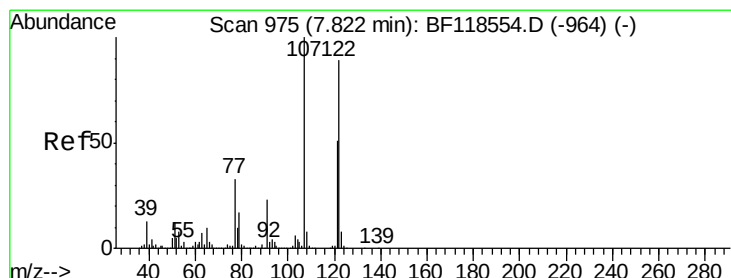
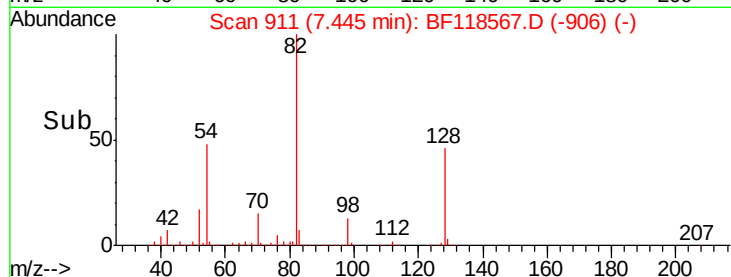
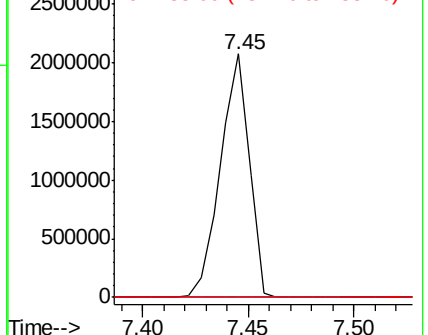
82 100

95 0.0 6.0 9.0#

138 0.0 15.8 23.8#



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): E



#27

2,4-Dimethylphenol

Concen: 0.087 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.12 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

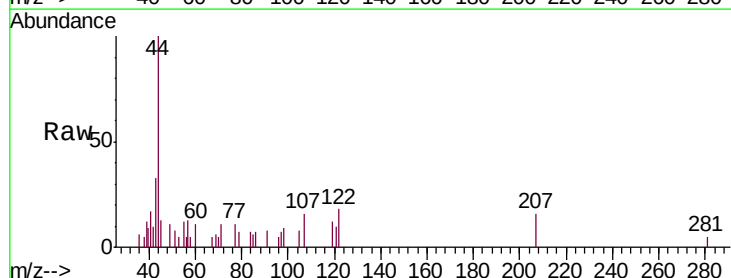
Tgt Ion: 122 Resp: 1336

Ion Ratio Lower Upper

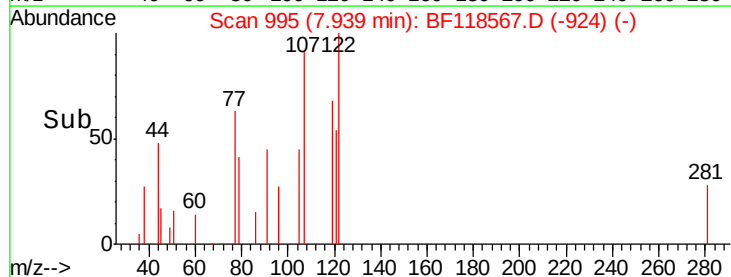
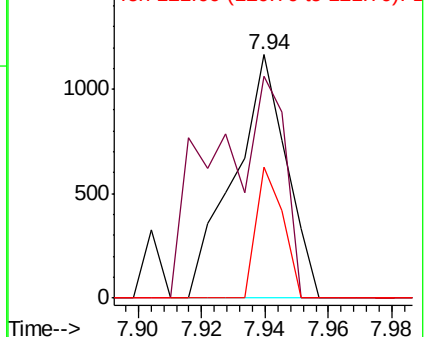
122 100

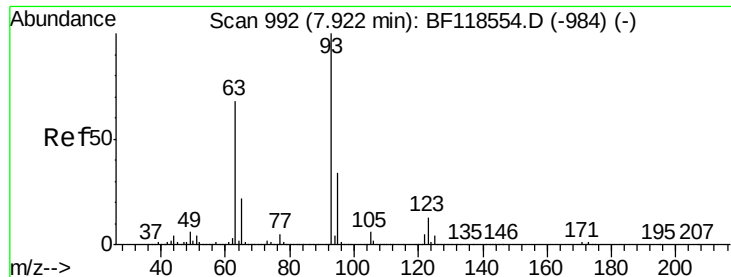
107 90.9 89.6 134.4

121 54.0 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

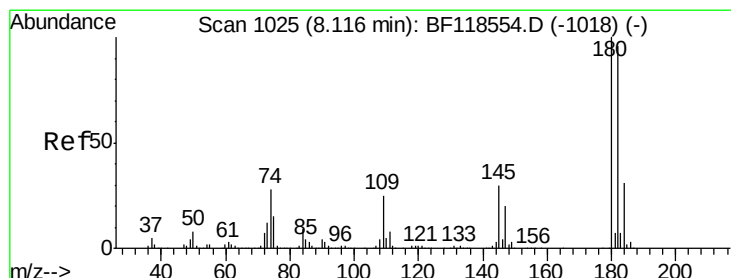
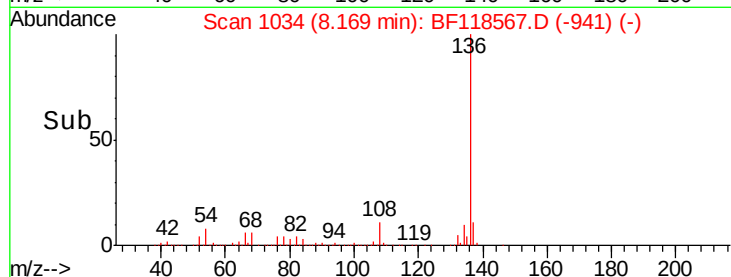
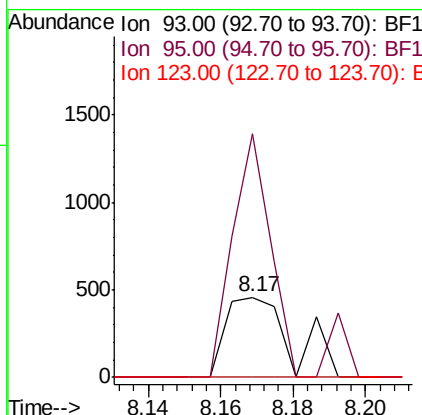
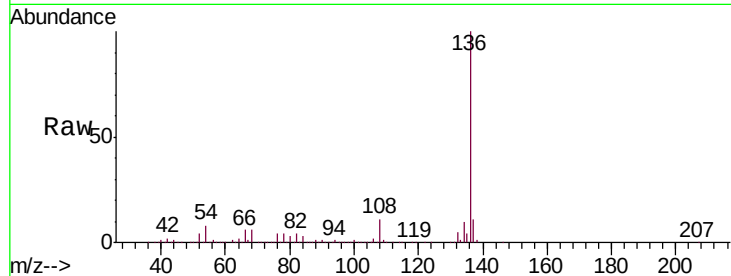




#28
bis(2-Chloroethoxy)methane
Concen: 0.023 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.25 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

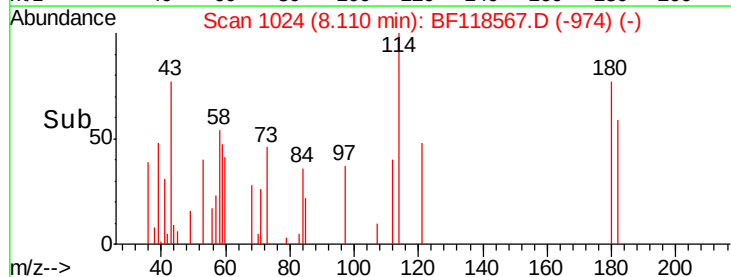
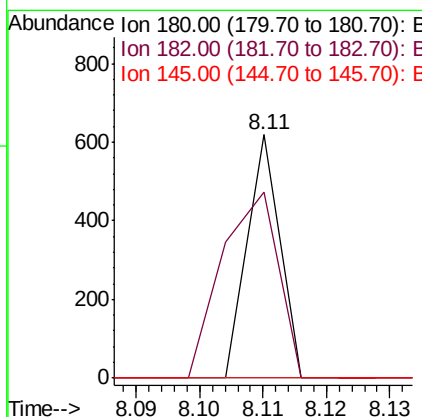
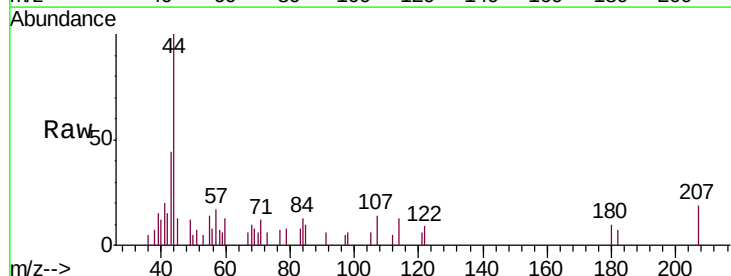
Instrument :
BNA_F
ClientSampleId :
HR-05-011420

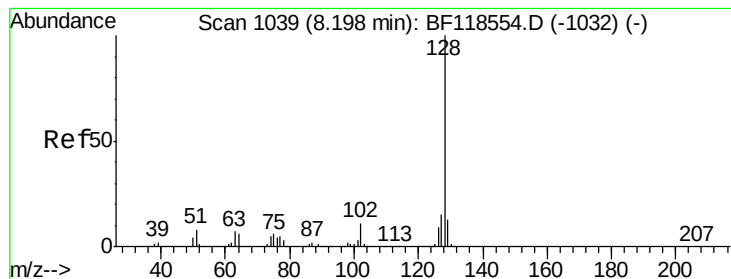
Tgt Ion: 93 Resp: 579
Ion Ratio Lower Upper
93 100
95 305.3 27.3 40.9#
123 0.0 10.2 15.4#



#30
1,2,4-Trichlorobenzene
Concen: 0.011 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 180 Resp: 219
Ion Ratio Lower Upper
180 100
182 76.4 76.8 115.2#
145 0.0 24.2 36.2#





#31

Naphthalene

Concen: 0.305 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

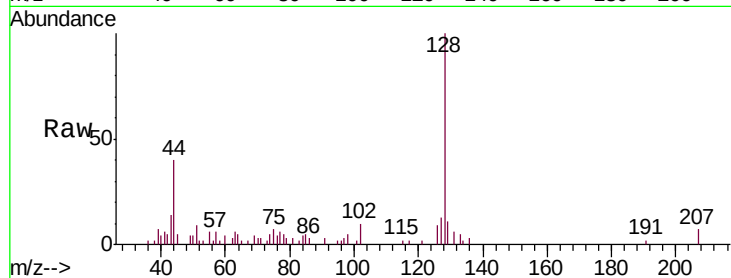
Tgt Ion:128 Resp: 15749

Ion Ratio Lower Upper

128 100

129 10.9 10.3 15.5

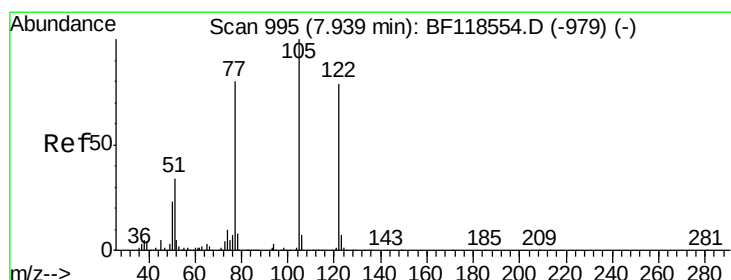
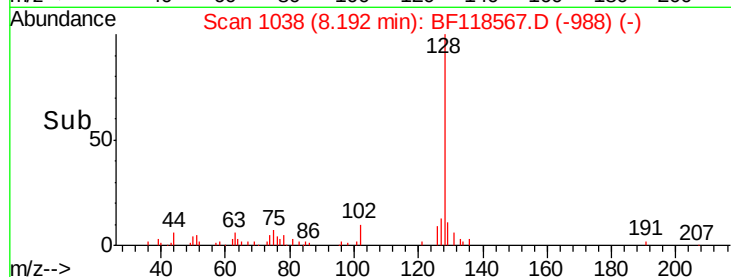
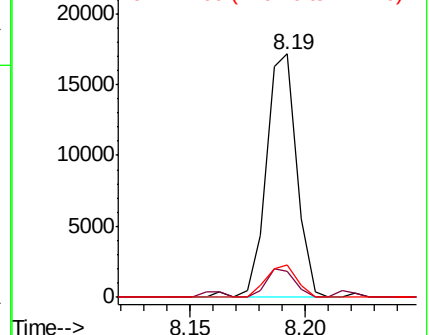
127 13.3 12.1 18.1



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: 8.300 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.11 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

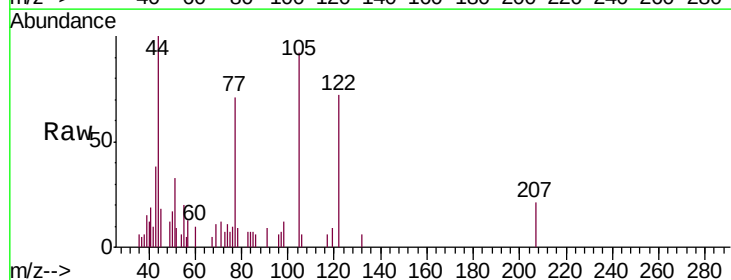
Tgt Ion:122 Resp: 5603

Ion Ratio Lower Upper

122 100

105 127.8 105.0 145.0

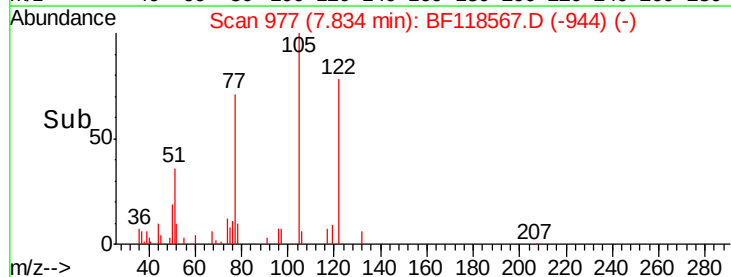
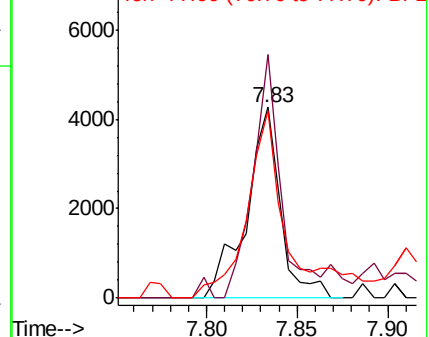
77 98.5 80.7 120.7

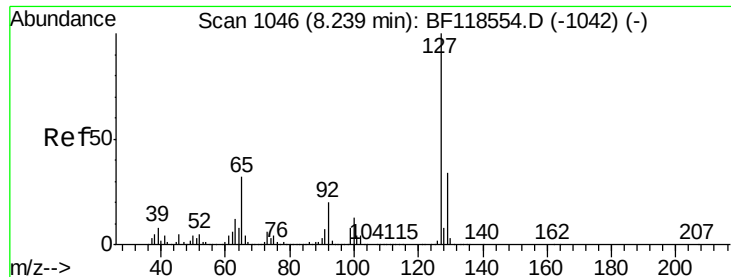


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

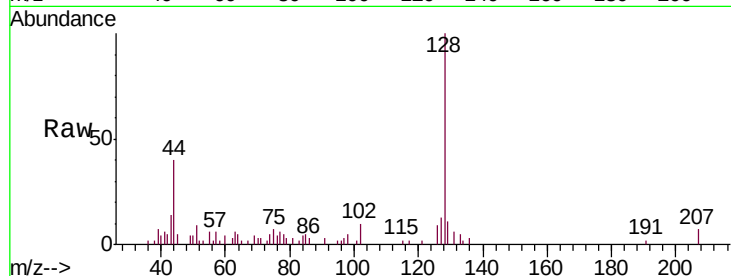




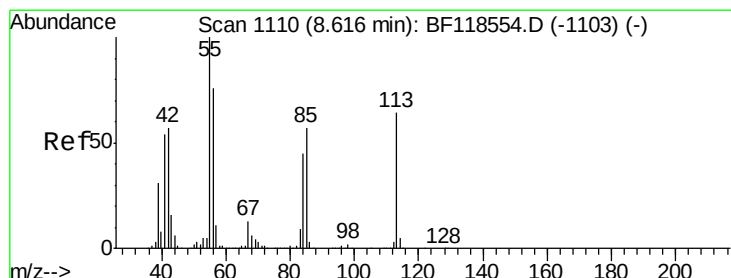
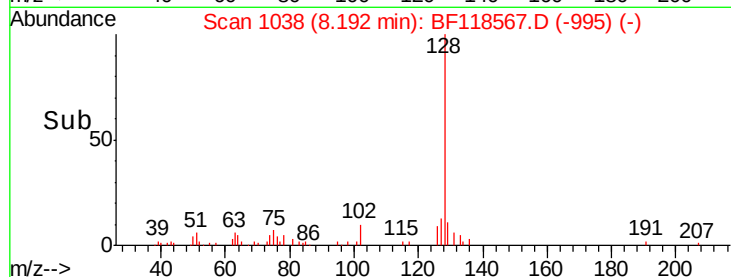
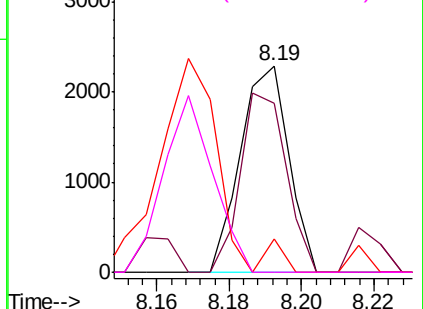
#33
4-Chloroaniline
Concen: 0.088 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Instrument :
BNA_F
ClientSampleId :
HR-05-011420

Tgt Ion:	127	Resp:	2118
Ion	Ratio	Lower	Upper
127	100		
129	82.0	27.0	40.4#
65	16.0	25.8	38.8#
92	0.0	15.8	23.8#

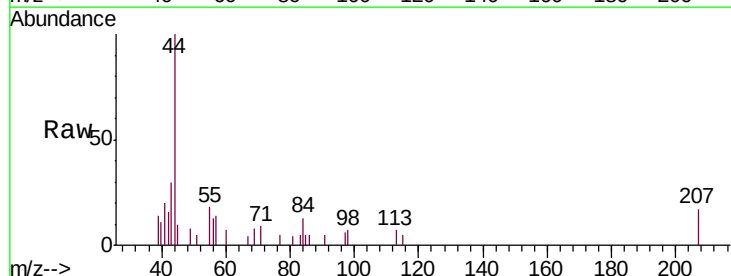


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

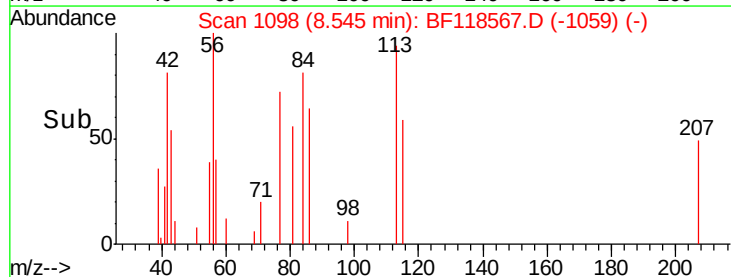
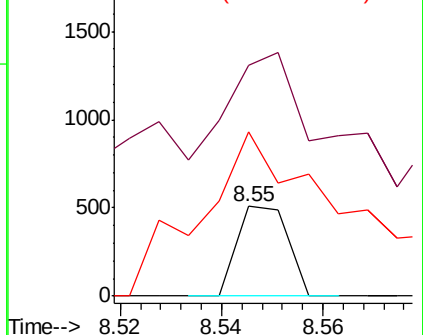


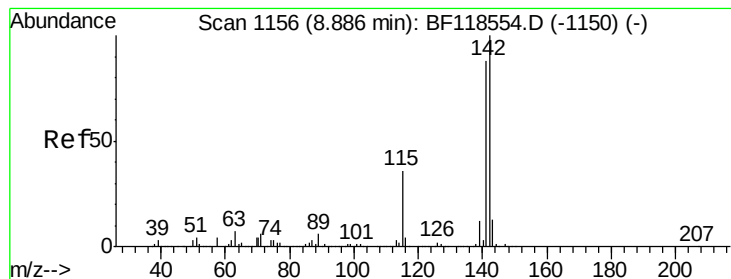
#35
Caprolactam
Concen: 0.067 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.07 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:	113	Resp:	351
Ion	Ratio	Lower	Upper
113	100		
55	257.1	137.3	177.3#
56	183.3	99.7	139.7#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





#37

2-Methylnaphthalene

Concen: 0.135 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

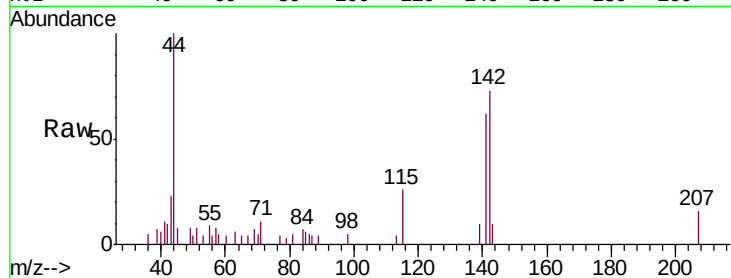
Tgt Ion:142 Resp: 4962

Ion Ratio Lower Upper

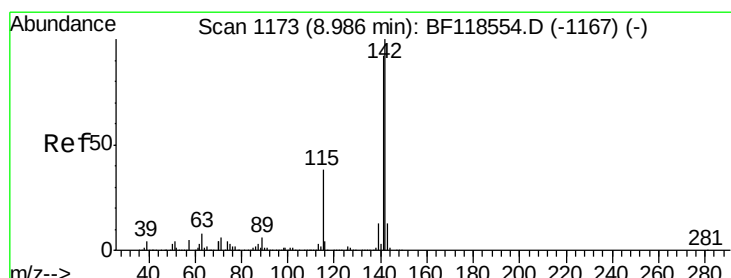
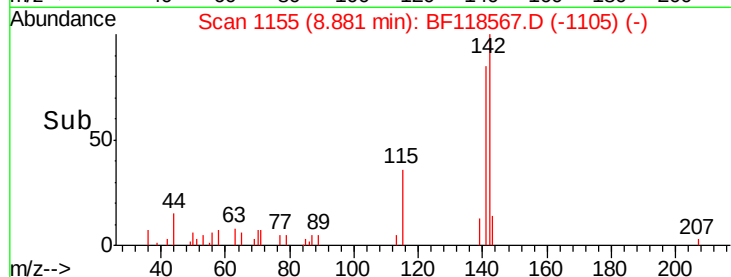
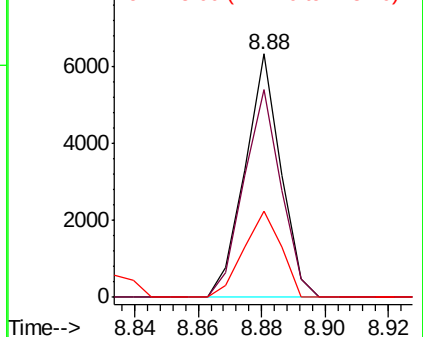
142 100

141 85.2 70.6 106.0

115 35.6 29.0 43.4



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: 0.108 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

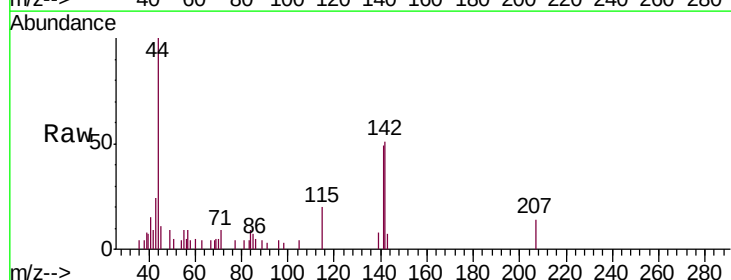
Tgt Ion:142 Resp: 3749

Ion Ratio Lower Upper

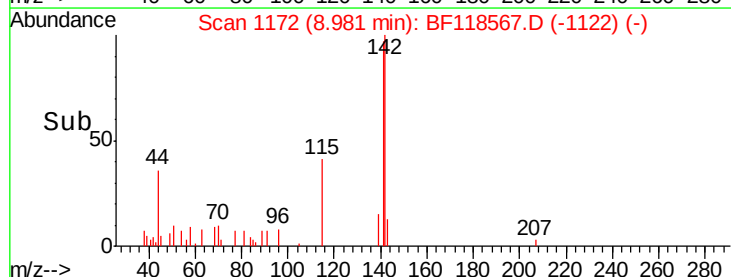
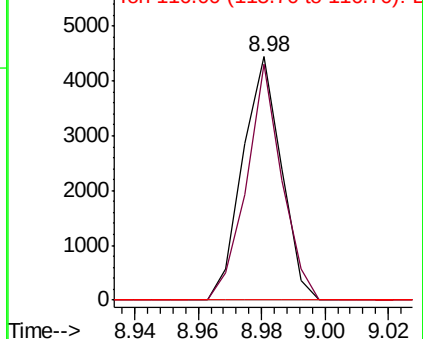
142 100

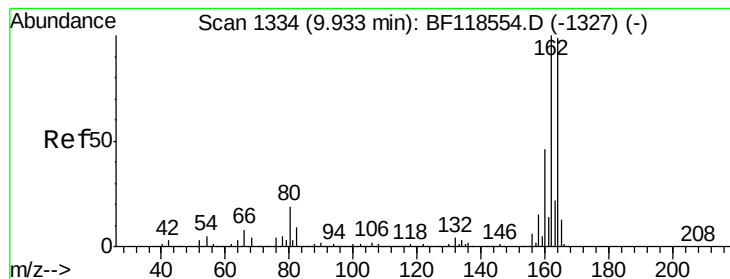
141 97.1 73.8 110.6

116 0.0 3.3 4.9#



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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

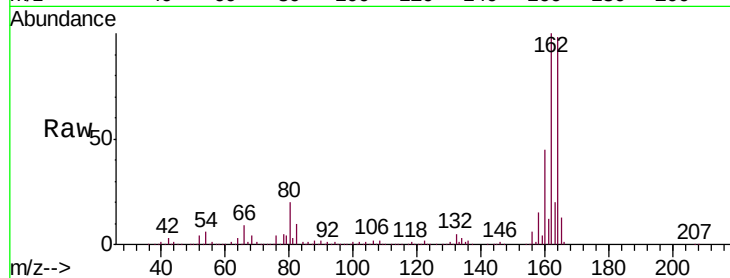
Tgt Ion:164 Resp: 613771

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

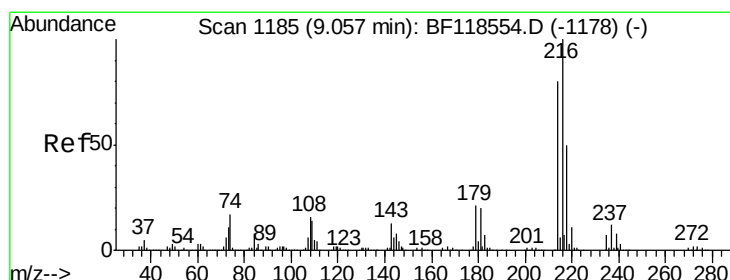
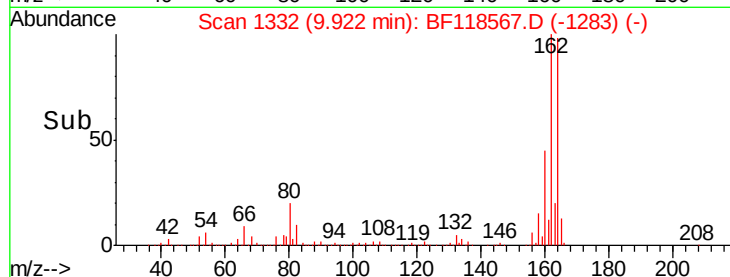
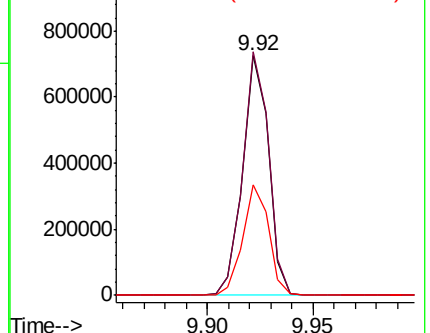
160 46.0 36.7 55.1



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: 0.037 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Tgt Ion:216 Resp: 734

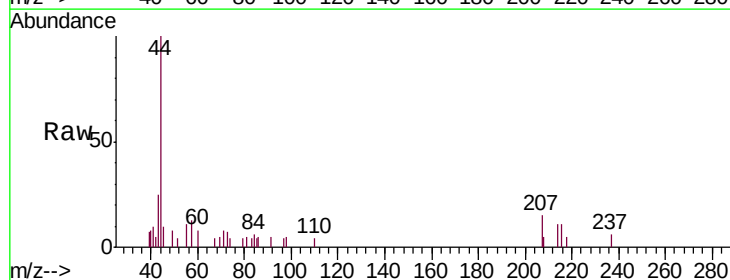
Ion Ratio Lower Upper

216 100

214 69.5 63.6 95.4

179 0.0 16.5 24.7#

108 0.0 14.6 21.8#

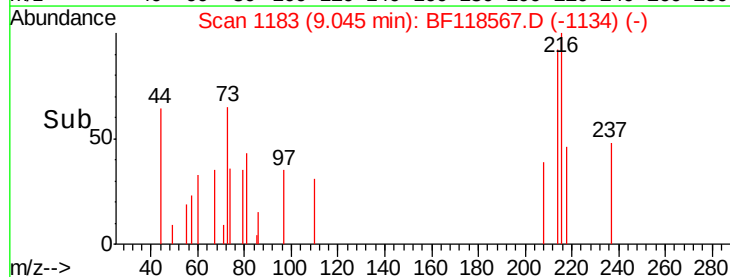
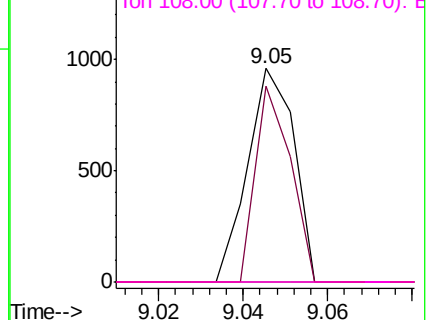


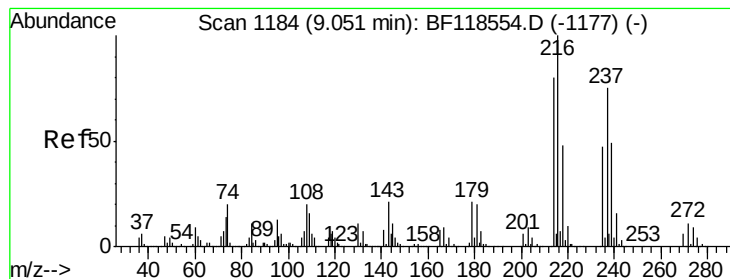
Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.028 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

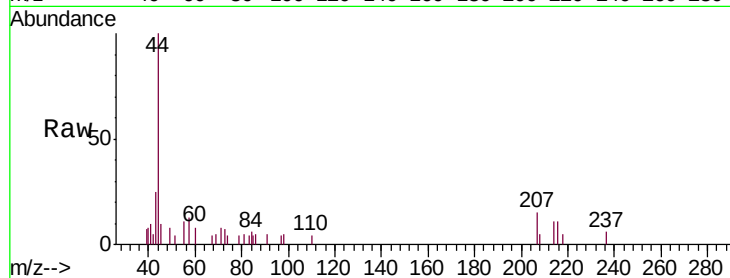
Tgt Ion: 237 Resp: 291

Ion Ratio Lower Upper

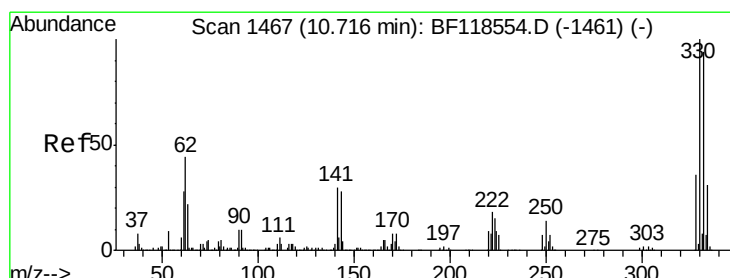
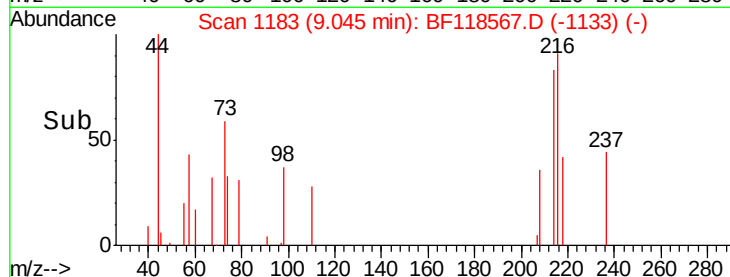
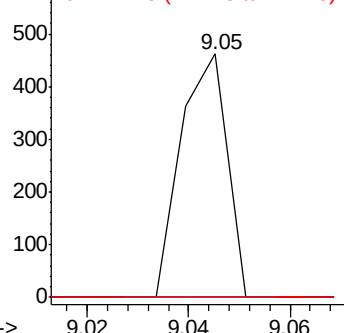
237 100

235 0.0 42.1 82.1#

272 0.0 0.0 34.3



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: 164.686 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

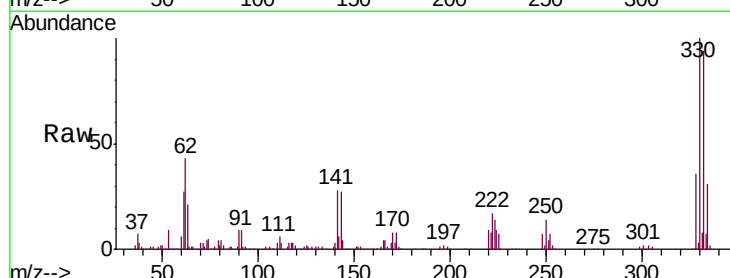
Tgt Ion: 330 Resp: 1117414

Ion Ratio Lower Upper

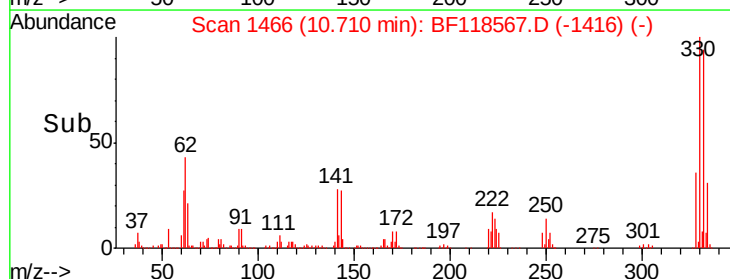
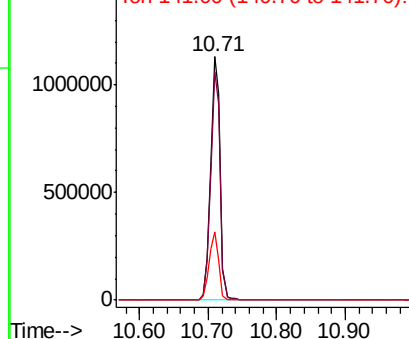
330 100

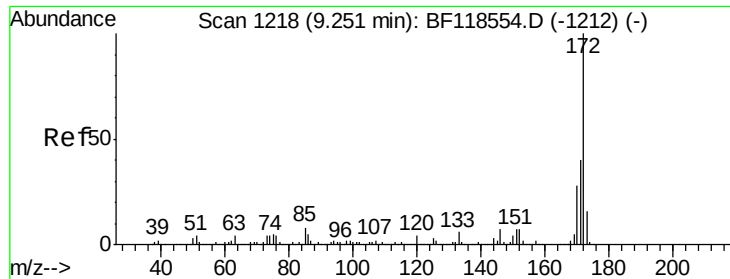
332 94.2 76.4 114.6

141 28.4 23.4 35.2



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

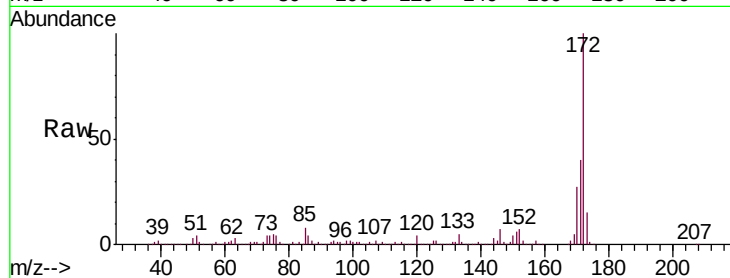




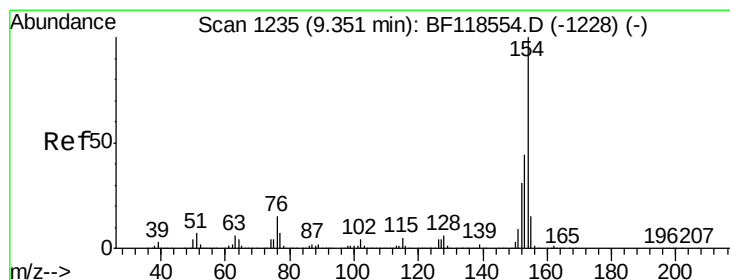
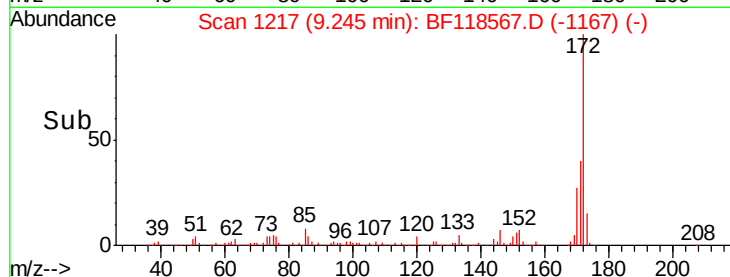
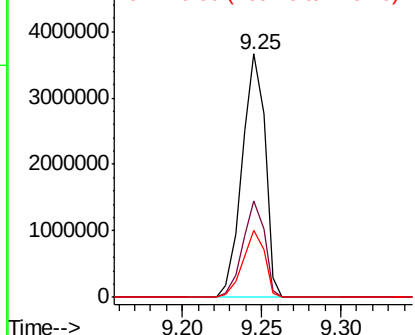
#45
2-Fluorobiphenyl
Concen: 107.734 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Instrument :
BNA_F
ClientSampleId :
HR-05-011420

Tgt Ion:172 Resp: 3662763
Ion Ratio Lower Upper
172 100
171 39.8 32.4 48.6
170 27.5 22.5 33.7

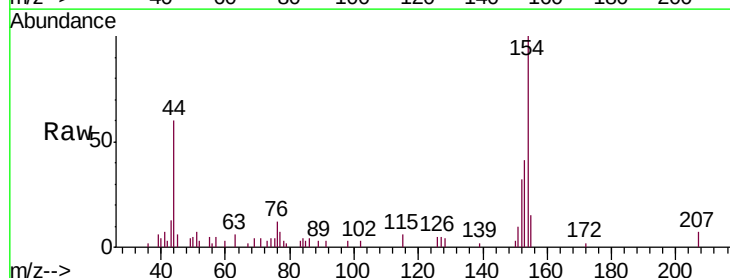


Abundance Ion 172.00 (171.70 to 172.70): E
5000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

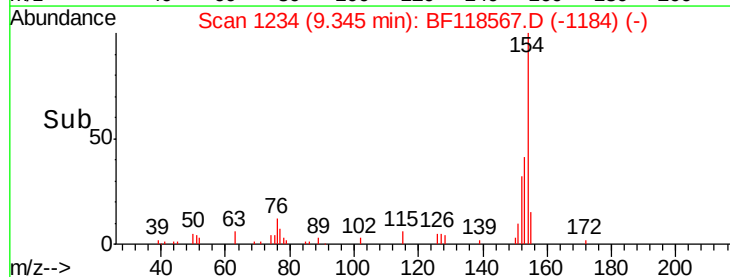
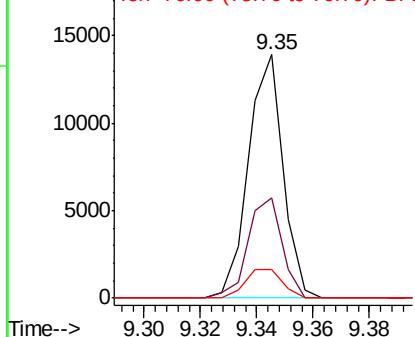


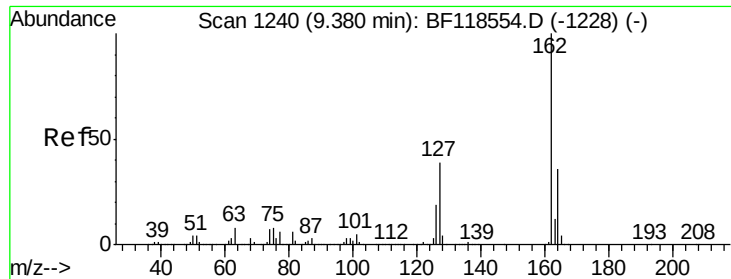
#46
1,1'-Biphenyl
Concen: 0.269 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:154 Resp: 11791
Ion Ratio Lower Upper
154 100
153 41.4 23.7 63.7
76 12.0 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
15000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 0.025 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

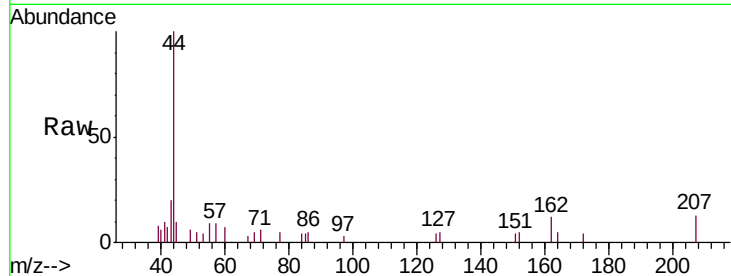
Tgt Ion: 162 Resp: 910

Ion Ratio Lower Upper

162 100

127 41.8 31.0 46.4

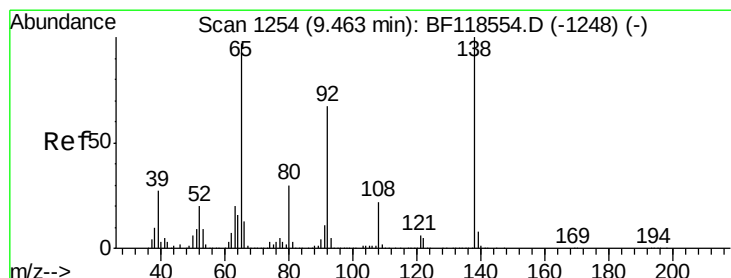
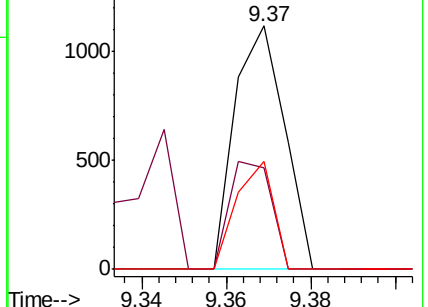
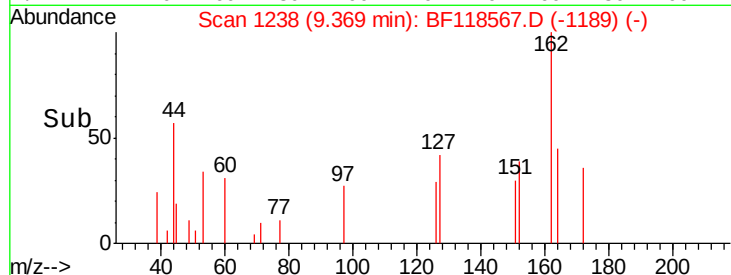
164 44.6 28.6 42.8#



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: 0.706 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.22 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

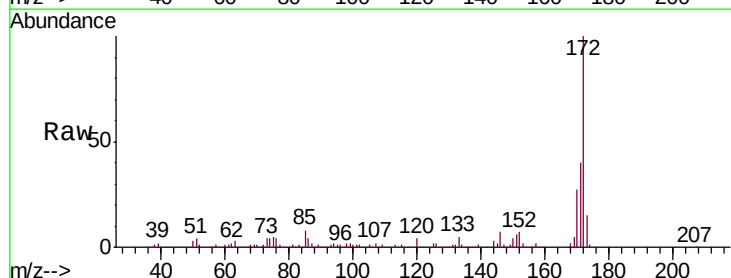
Tgt Ion: 65 Resp: 6785

Ion Ratio Lower Upper

65 100

92 200.5 55.3 82.9#

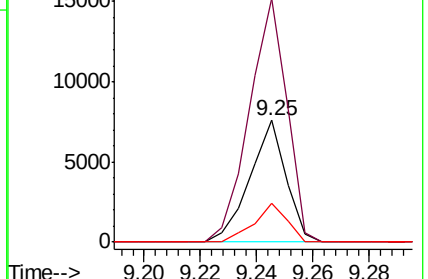
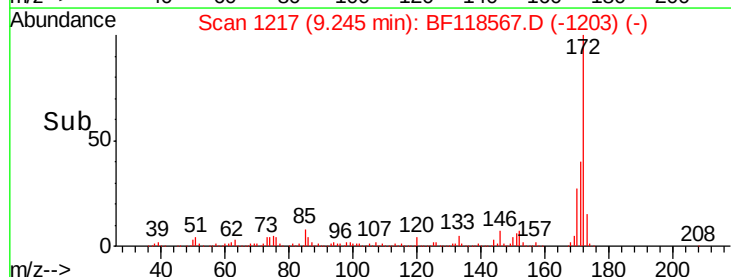
138 31.7 82.9 124.3#

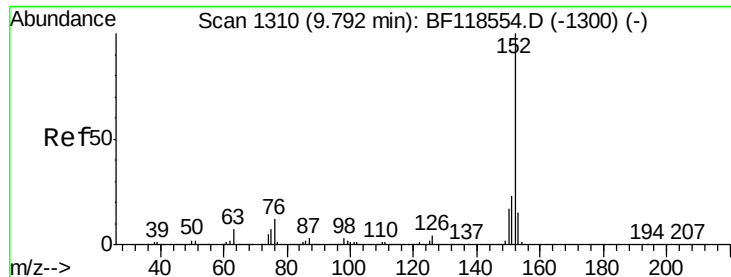


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.025 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

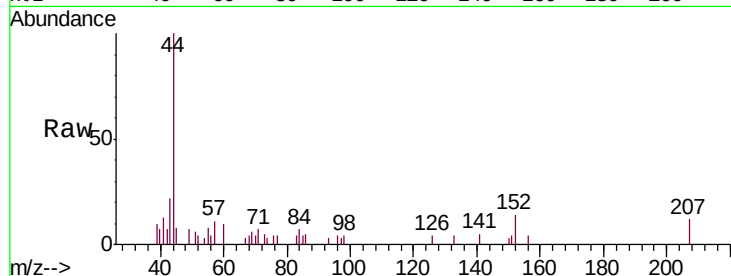
Tgt Ion:152 Resp: 1326

Ion Ratio Lower Upper

152 100

151 26.6 18.6 27.8

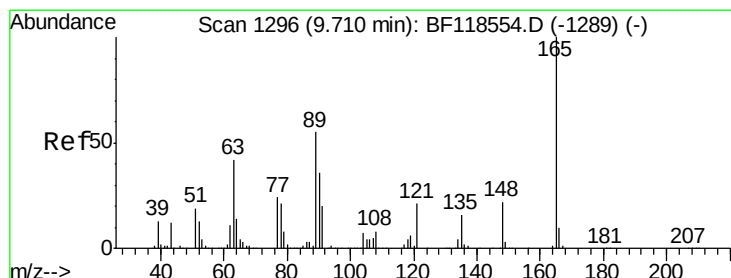
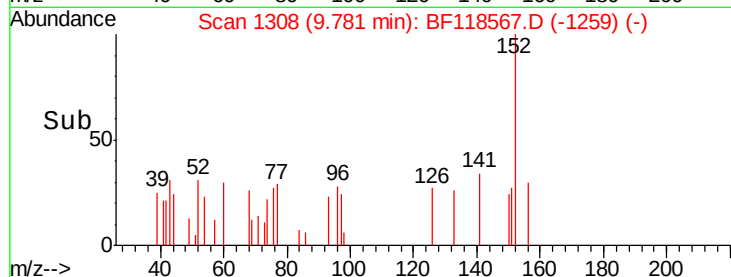
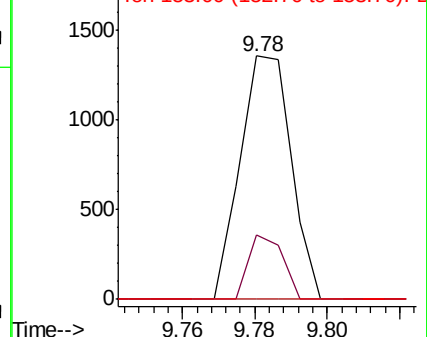
153 0.0 12.3 18.5#



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



#51

2,6-Dinitrotoluene

Concen: 9.915 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.21 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

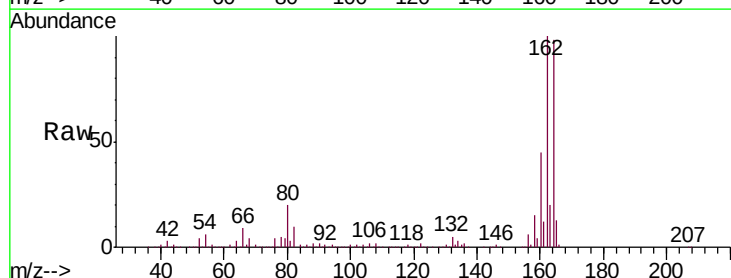
Tgt Ion:165 Resp: 79719

Ion Ratio Lower Upper

165 100

63 1.1 41.9 62.9#

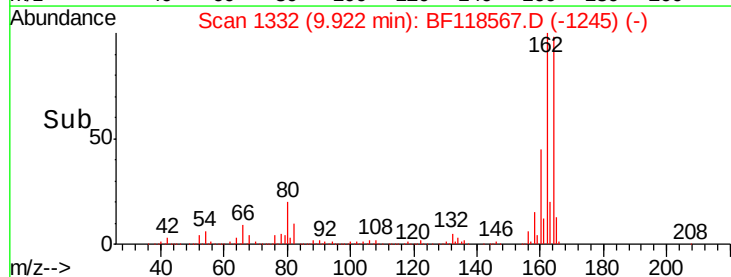
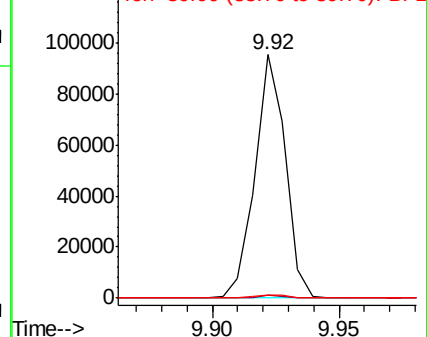
89 1.3 44.0 66.0#

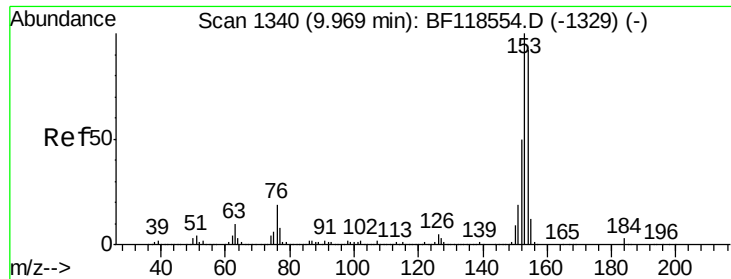


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.067 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

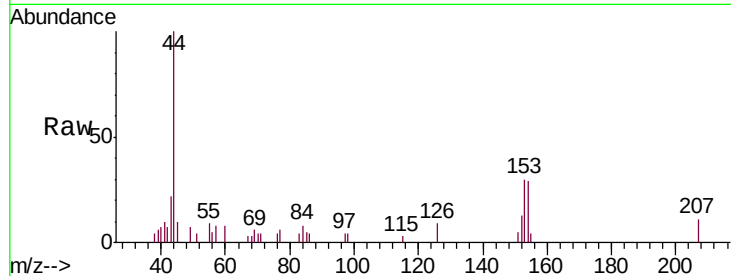
Tgt Ion:154 Resp: 2277

Ion Ratio Lower Upper

154 100

153 101.7 87.0 130.4

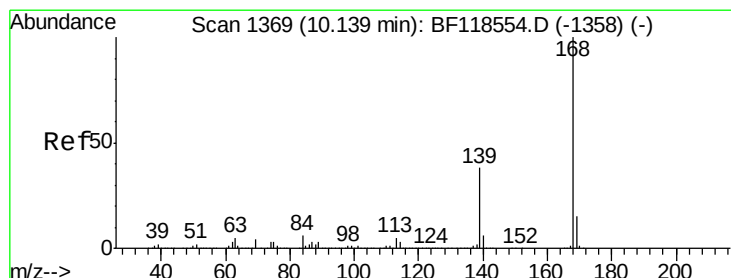
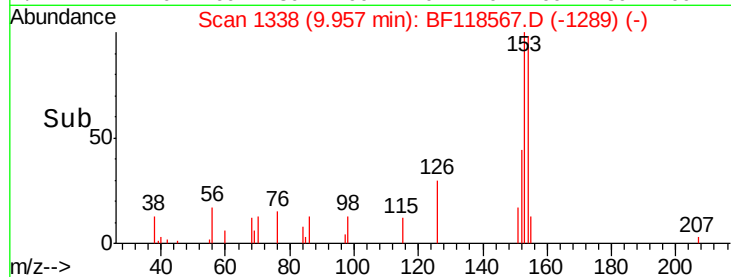
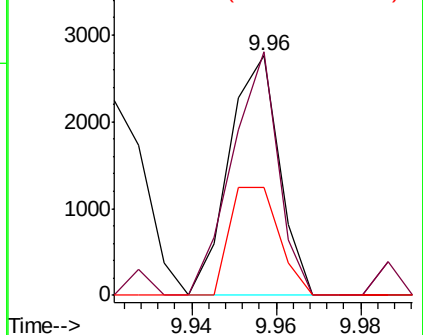
152 45.1 43.8 65.8



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



#55

Dibenzofuran

Concen: 0.100 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

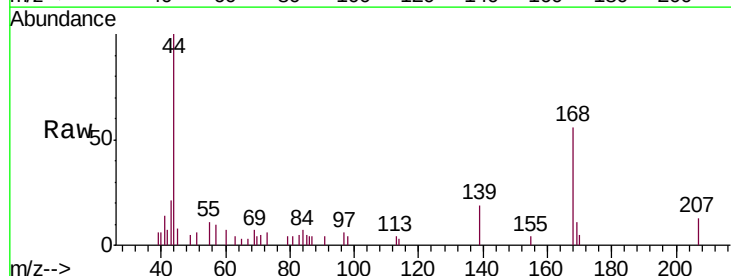
Tgt Ion:168 Resp: 4841

Ion Ratio Lower Upper

168 100

139 34.3 30.6 46.0

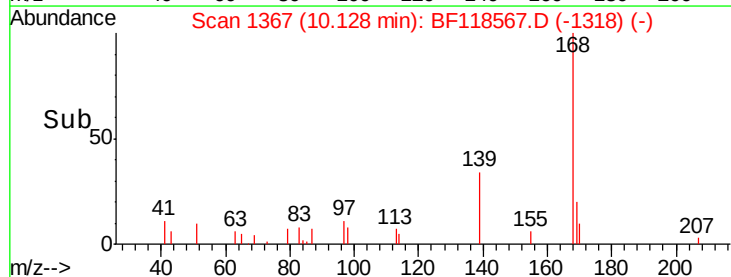
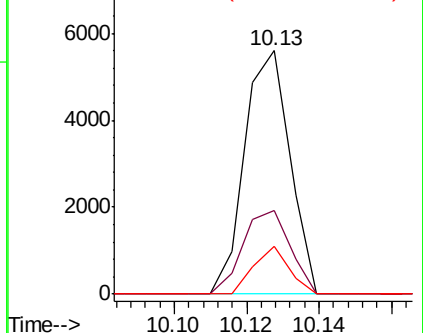
169 19.6 11.9 17.9#

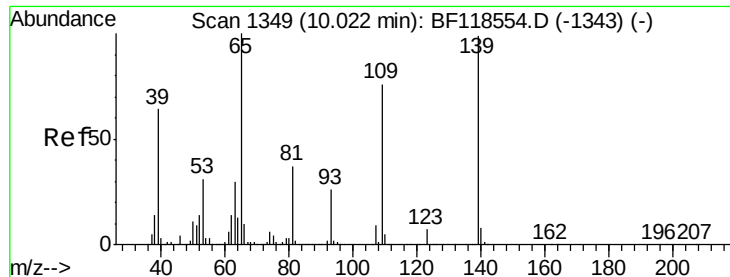


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 0.259 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.11 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

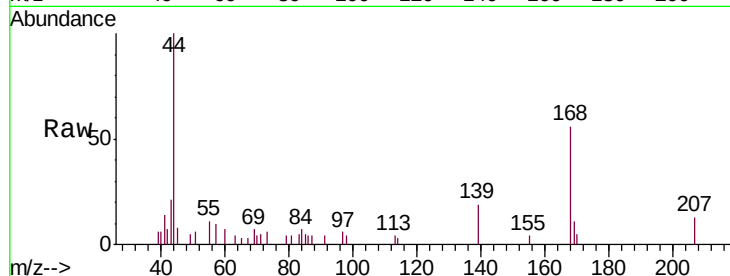
Tgt Ion:139 Resp: 1740

Ion Ratio Lower Upper

139 100

109 0.0 56.9 96.9#

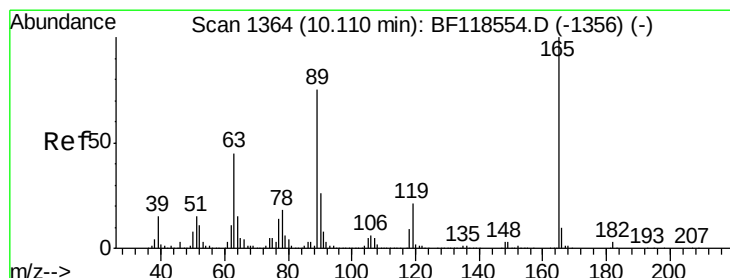
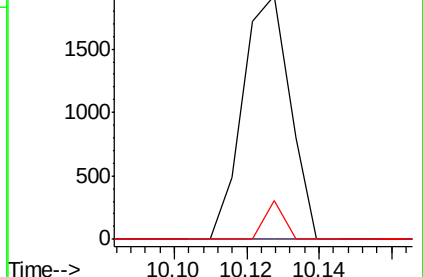
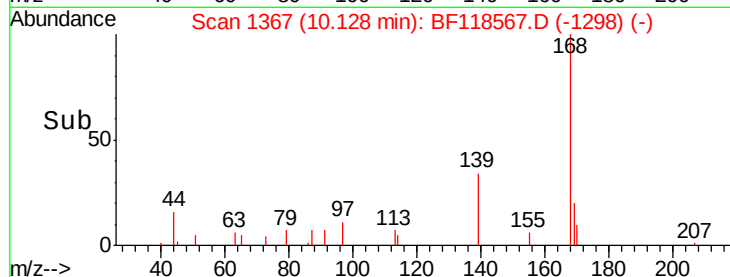
65 15.7 81.7 121.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 11.771 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Tgt Ion:165 Resp: 79719

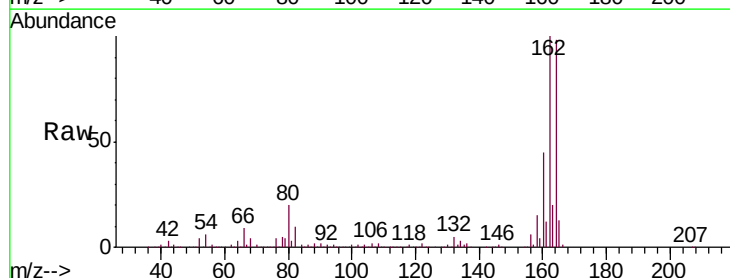
Ion Ratio Lower Upper

165 100

63 1.1 35.8 53.6#

89 1.3 59.9 89.9#

182 0.0 2.2 3.2#

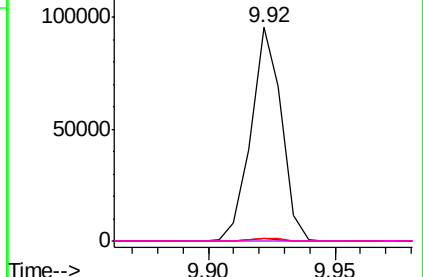
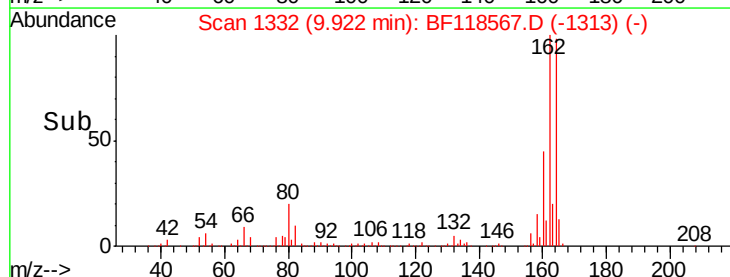


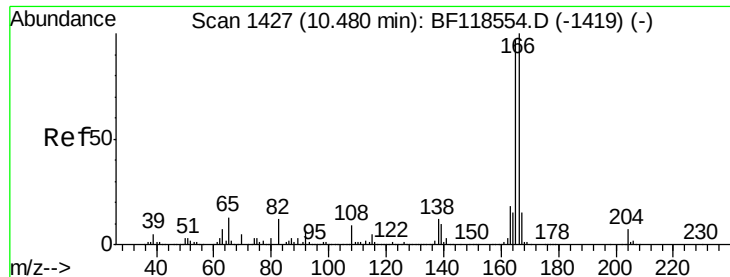
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.099 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

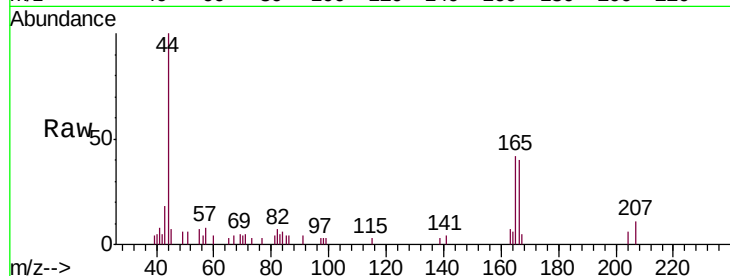
Tgt Ion:166 Resp: 3699

Ion Ratio Lower Upper

166 100

165 103.7 77.8 116.8

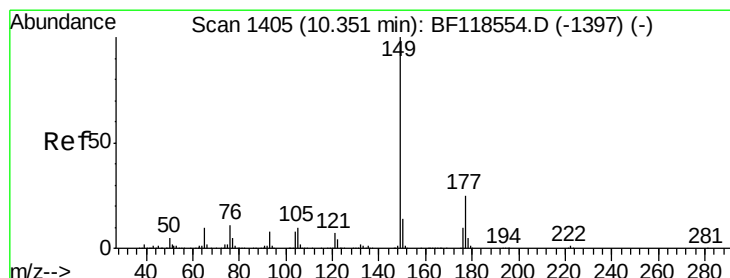
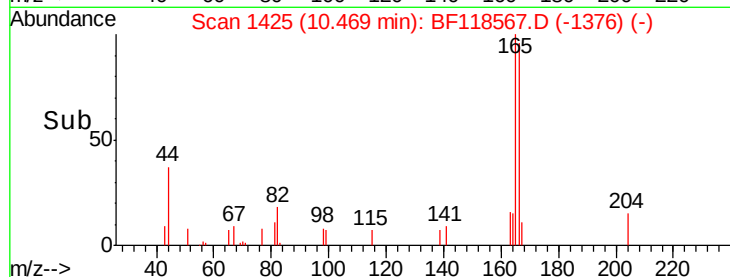
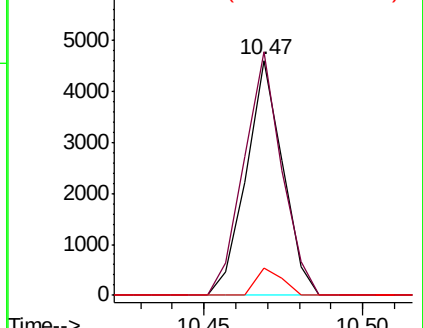
167 11.4 11.7 17.5#



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



#60

Diethylphthalate

Concen: 0.049 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

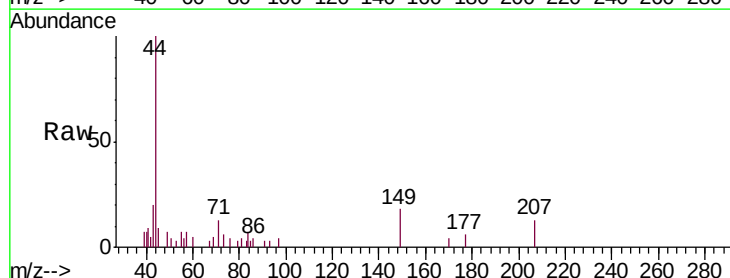
Tgt Ion:149 Resp: 2005

Ion Ratio Lower Upper

149 100

177 32.4 20.2 30.4#

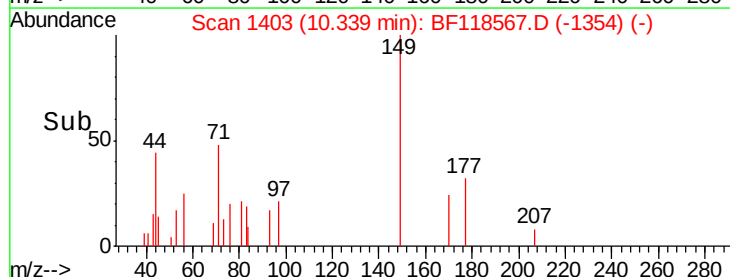
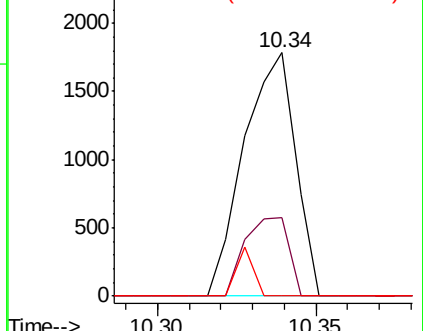
150 0.0 11.0 16.4#

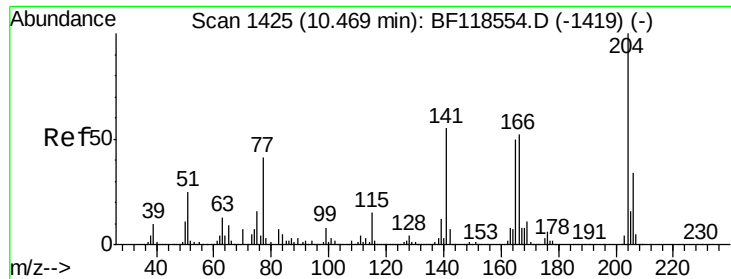


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

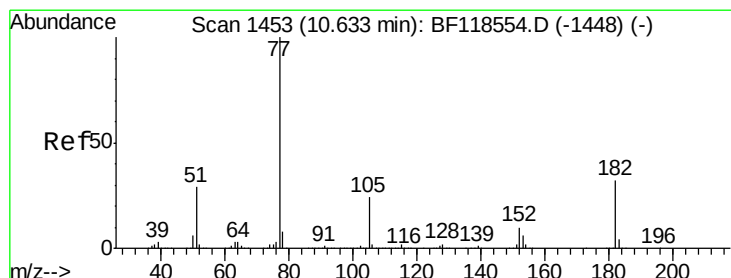
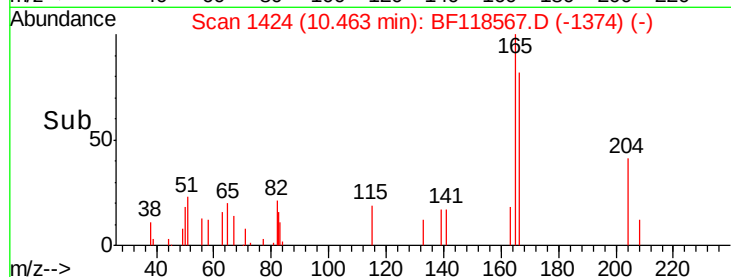
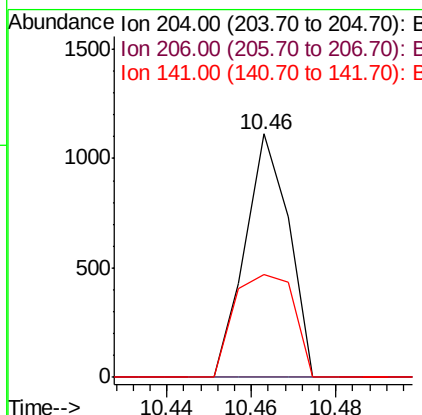
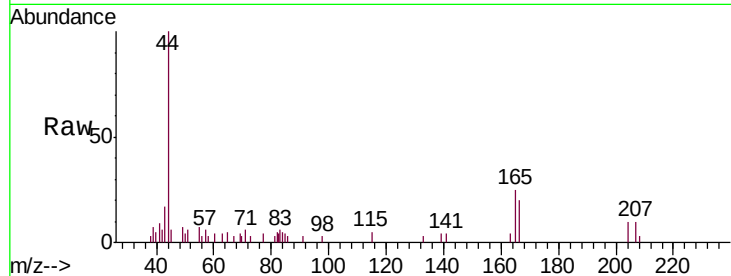




#61
4-Chlorophenyl-phenylether
Concen: 0.039 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

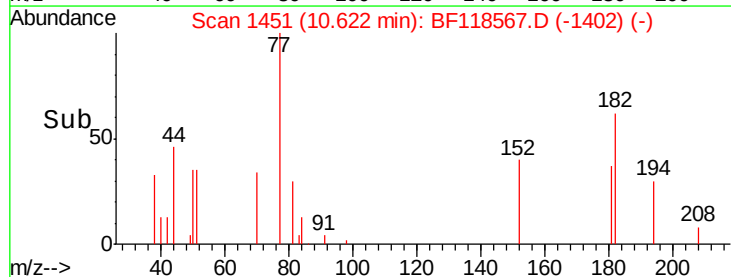
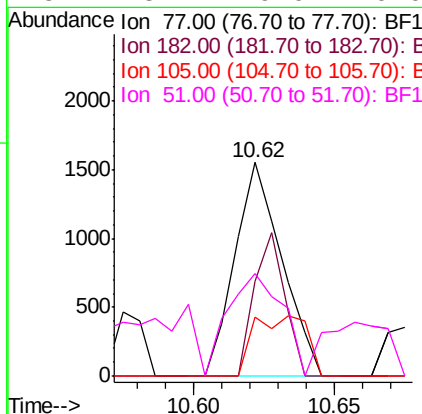
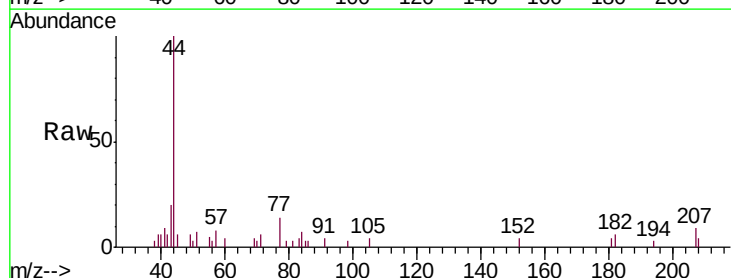
Instrument :
BNA_F
ClientSampleId :
HR-05-011420

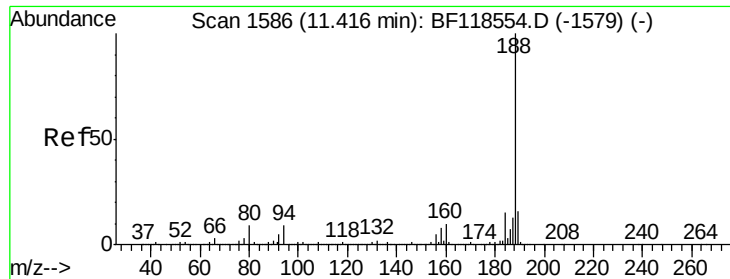
Tgt Ion: 204 Resp: 805
Ion Ratio Lower Upper
204 100
206 0.0 27.1 40.7#
141 42.5 44.4 66.6#



#63
Azobenzene
Concen: 0.045 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion: 77 Resp: 1789
Ion Ratio Lower Upper
77 100
182 44.2 11.7 51.7
105 27.7 3.6 43.6
51 48.2 9.0 49.0

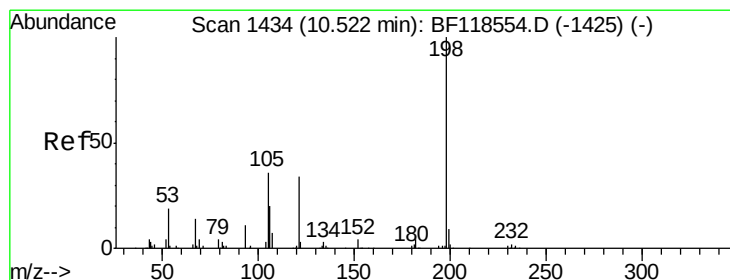
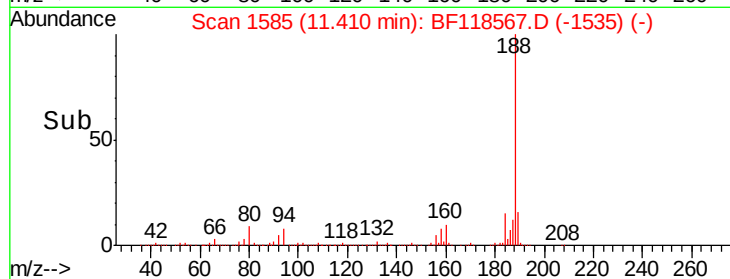
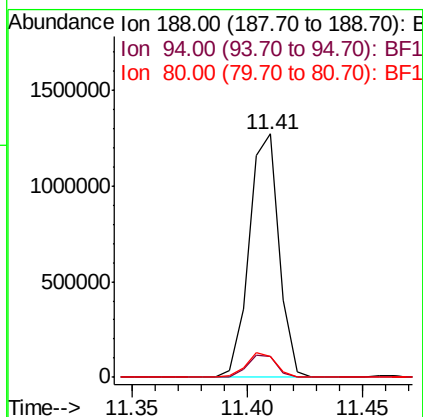
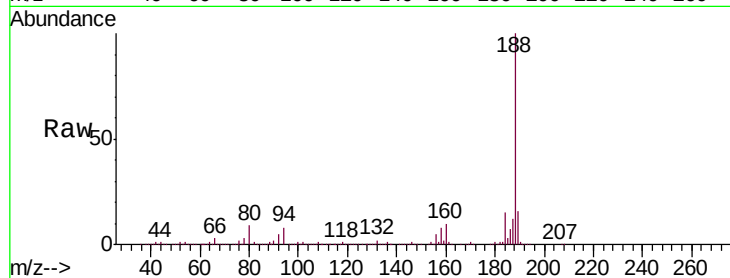




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

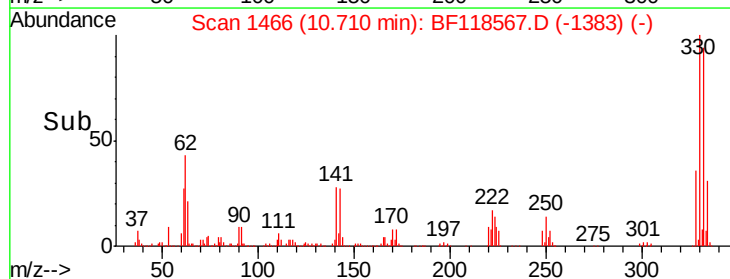
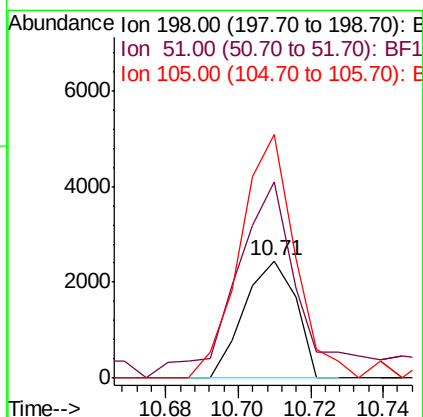
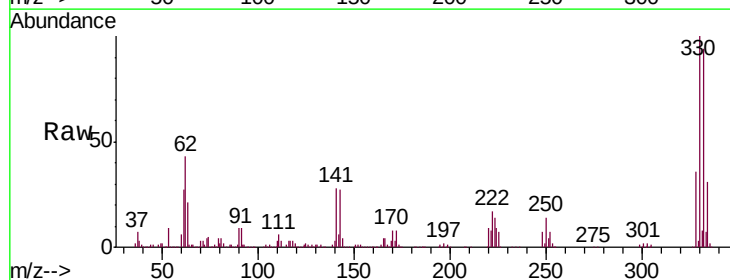
Instrument :
BNA_F
ClientSampleId :
HR-05-011420

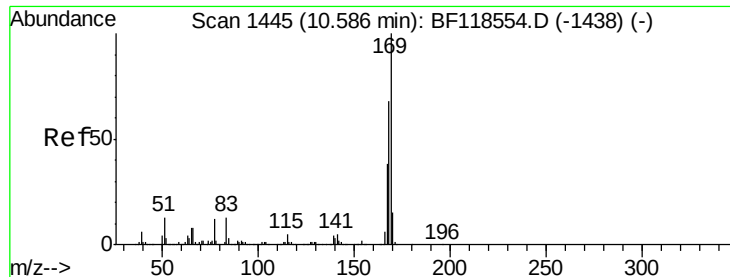
Tgt Ion:188 Resp: 1150592
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 8.8 7.4 11.2



#65
4,6-Dinitro-2-methylphenol
Concen: 10.138 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:198 Resp: 2421
Ion Ratio Lower Upper
198 100
51 167.9 13.2 53.2#
105 208.0 17.2 57.2#

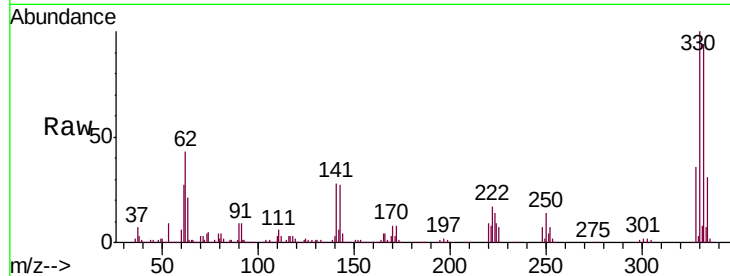




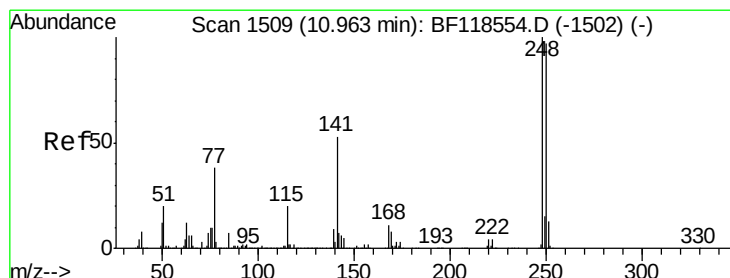
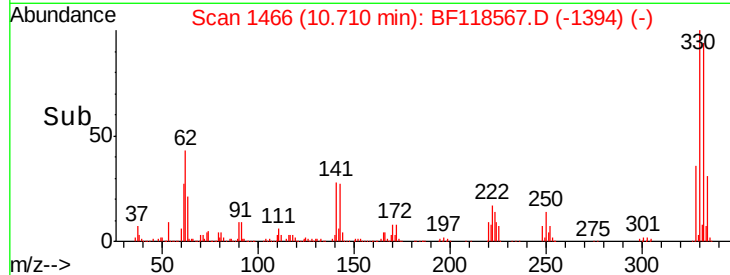
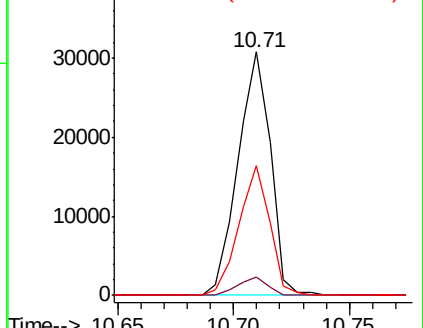
#66
 n-Nitrosodiphenylamine
 Concen: 0.819 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.12 min
 Lab File: BF118567.D
 Acq: 17 Jan 2020 19:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420

Tgt Ion:169 Resp: 30297
 Ion Ratio Lower Upper
 169 100
 168 7.6 54.2 81.4#
 167 53.5 30.5 45.7#

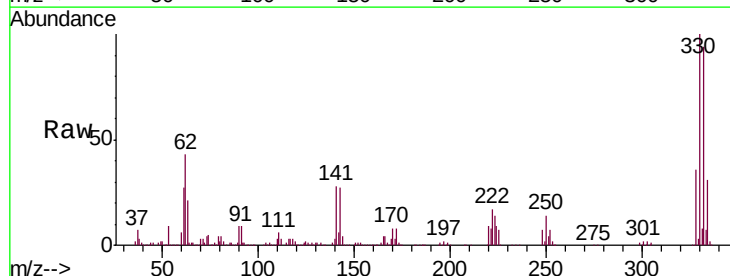


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

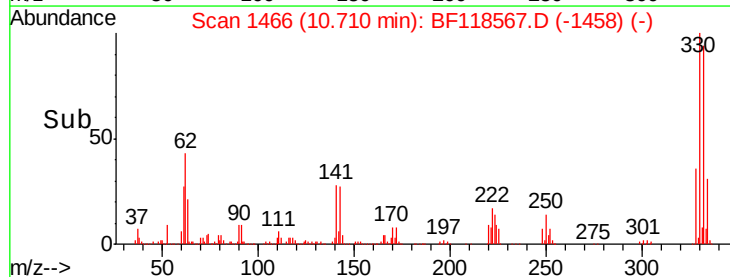
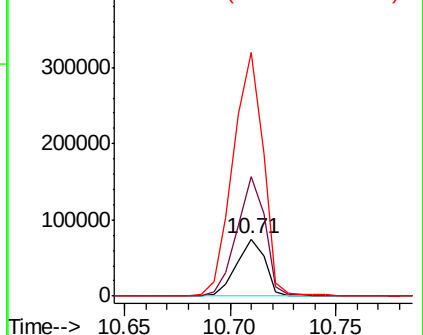


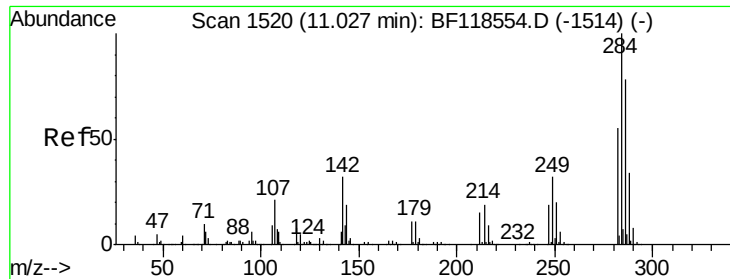
#67
 4-Bromophenyl-phenylether
 Concen: 4.511 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF118567.D
 Acq: 17 Jan 2020 19:31

Tgt Ion:248 Resp: 69482
 Ion Ratio Lower Upper
 248 100
 250 209.1 77.8 116.8#
 141 428.3 42.7 64.1#



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





#68

Hexachlorobenzene

Concen: 0.010 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

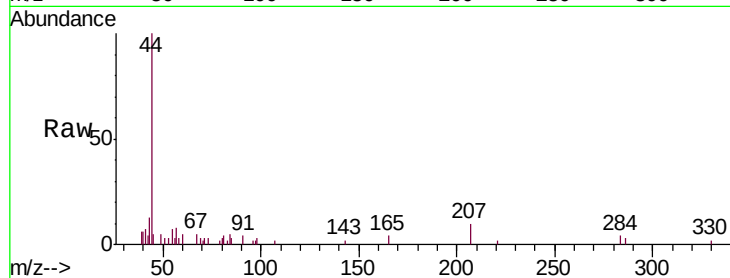
Tgt Ion:284 Resp: 174

Ion Ratio Lower Upper

284 100

142 0.0 25.6 38.4#

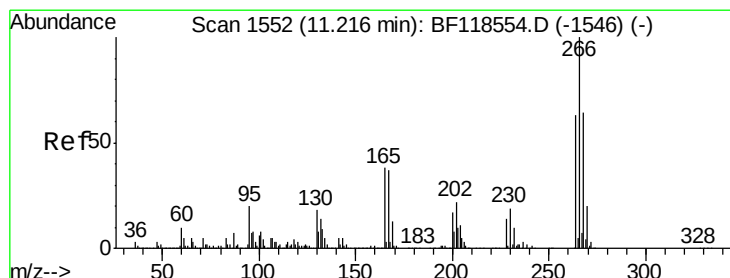
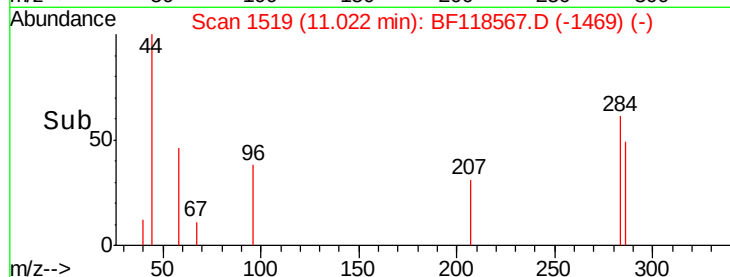
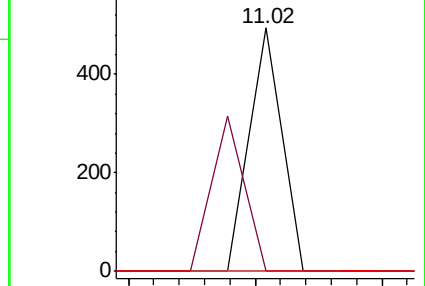
249 0.0 25.6 38.4#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#70

Pentachlorophenol

Concen: 0.013 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

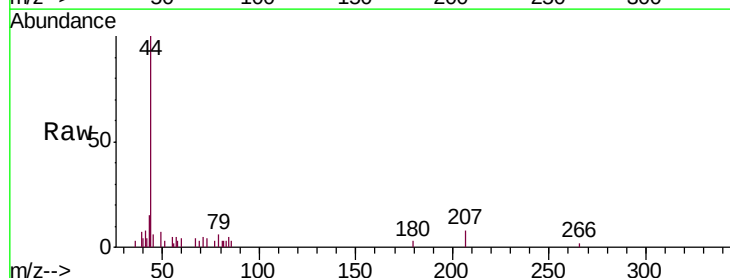
Tgt Ion:266 Resp: 109

Ion Ratio Lower Upper

266 100

268 0.0 51.0 76.4#

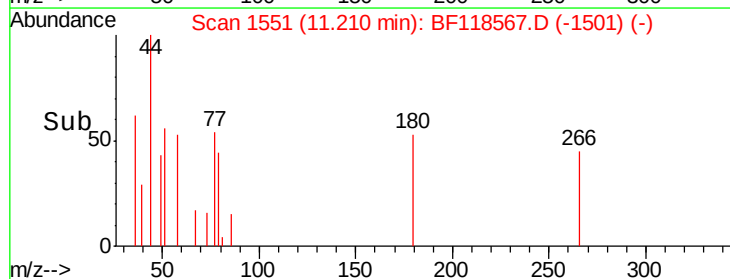
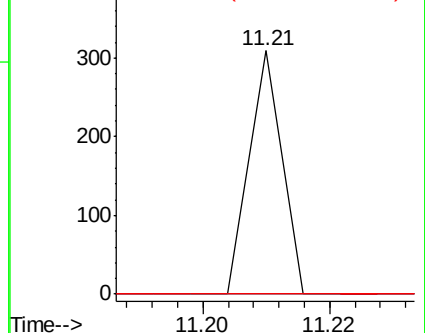
264 0.0 50.5 75.7#

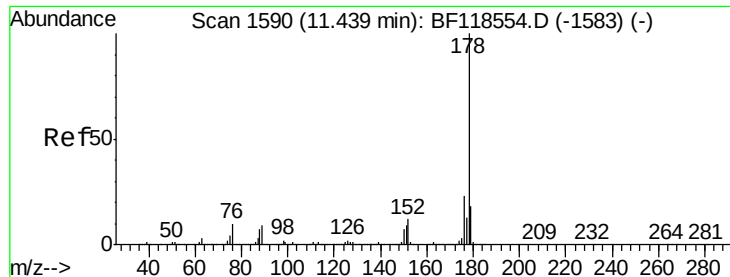


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 0.060 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.04 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

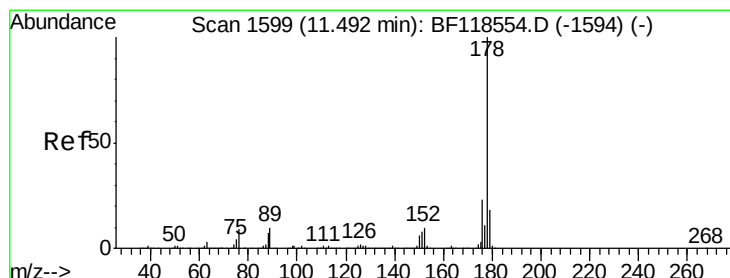
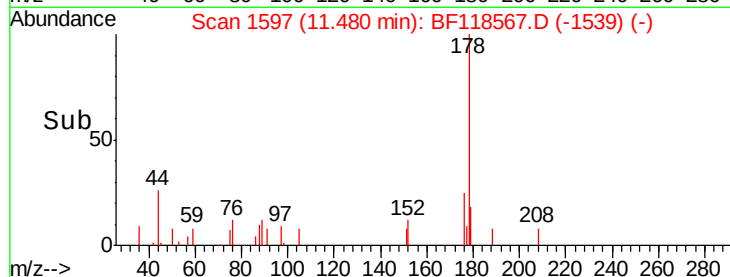
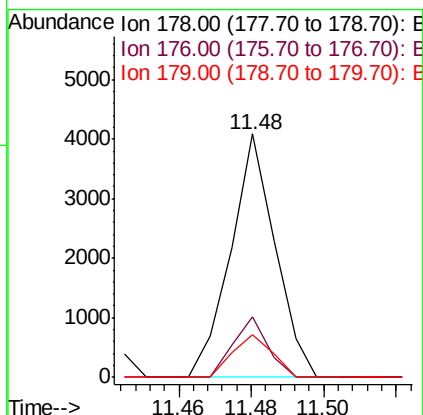
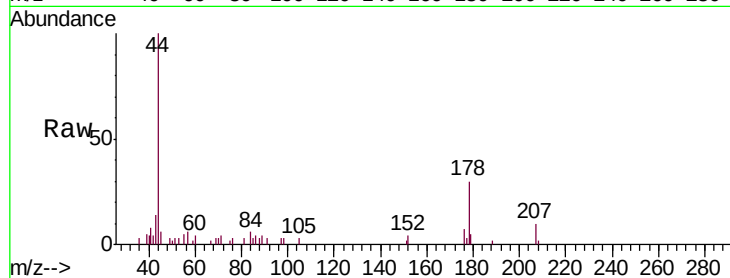
Tgt Ion:178 Resp: 3493

Ion Ratio Lower Upper

178 100

176 24.8 18.6 28.0

179 17.5 14.6 22.0



#72

Anthracene

Concen: 0.061 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

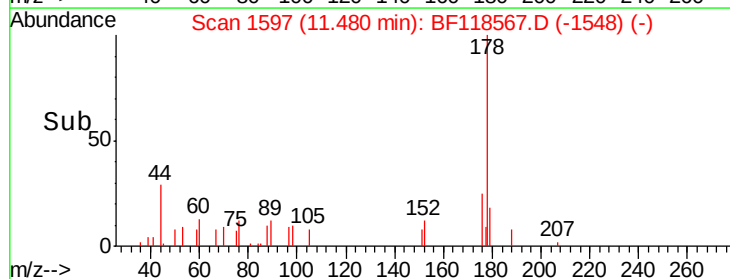
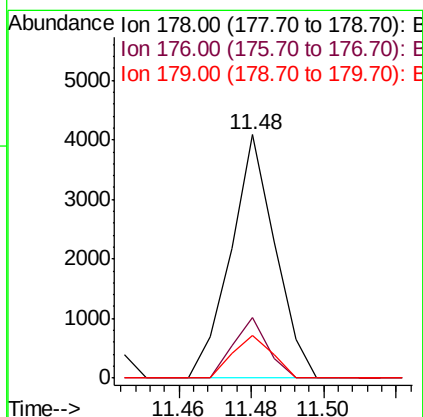
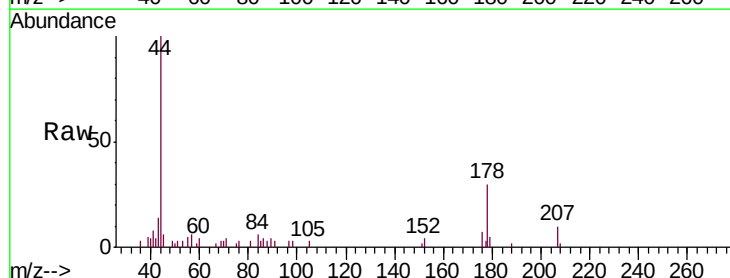
Tgt Ion:178 Resp: 3493

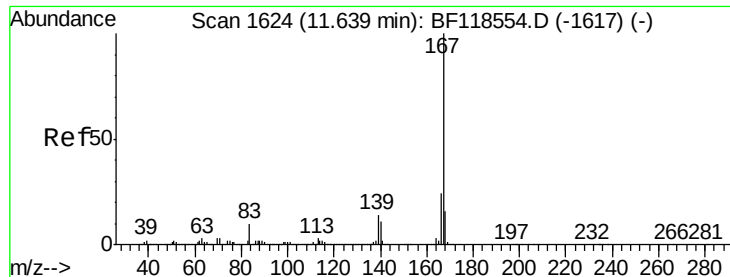
Ion Ratio Lower Upper

178 100

176 24.8 18.1 27.1

179 17.5 14.7 22.1

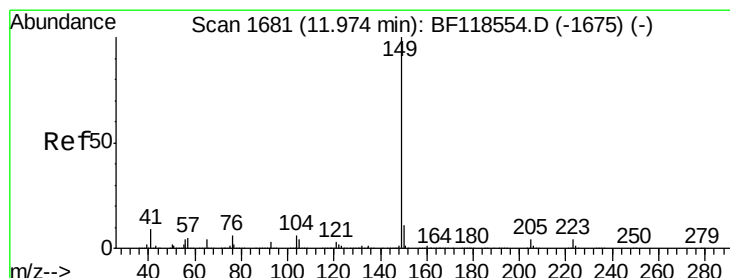
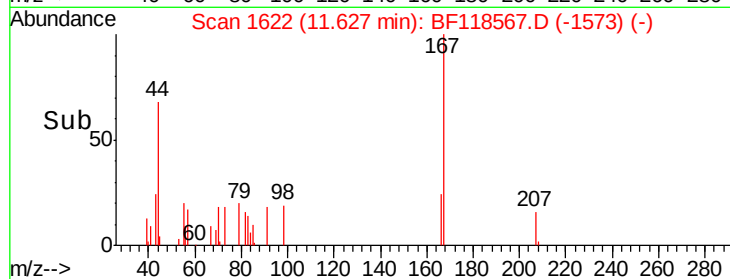
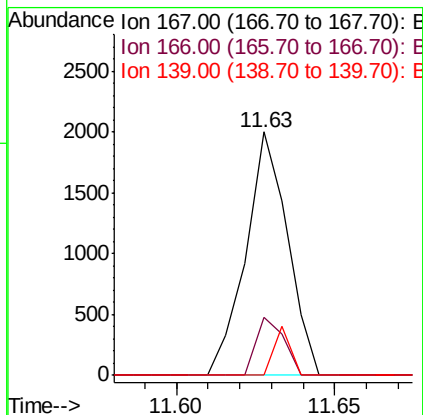
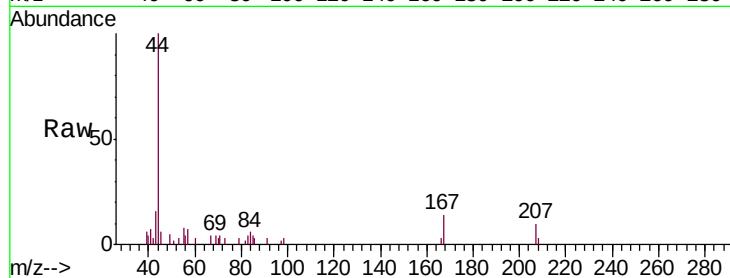




#73
 Carbazole
 Concen: 0.035 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF118567.D
 Acq: 17 Jan 2020 19:31

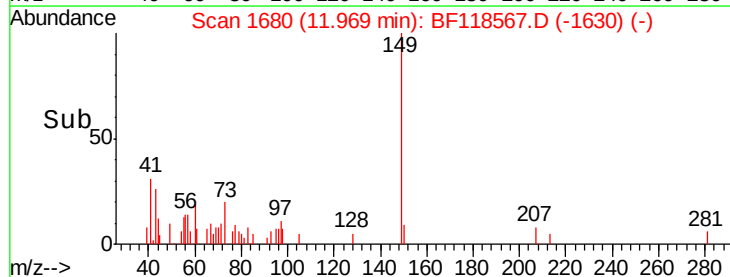
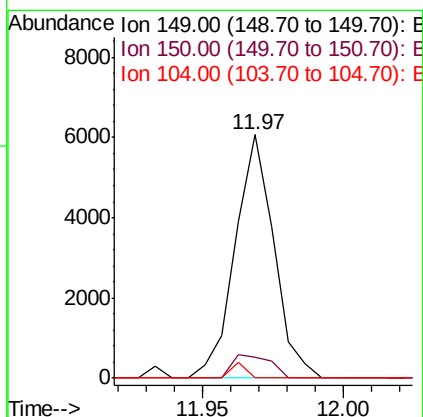
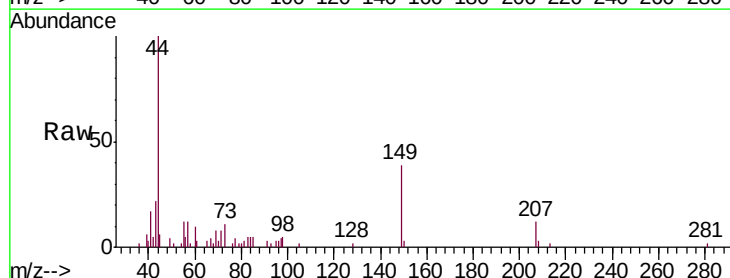
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420

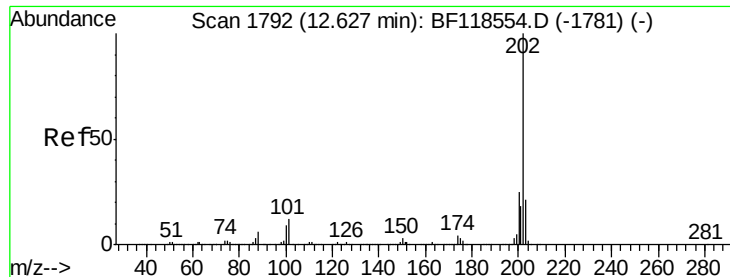
Tgt Ion:167 Resp: 1826
 Ion Ratio Lower Upper
 167 100
 166 24.1 19.5 29.3
 139 0.0 11.5 17.3#



#74
 Di-n-butylphthalate
 Concen: 0.090 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF118567.D
 Acq: 17 Jan 2020 19:31

Tgt Ion:149 Resp: 5802
 Ion Ratio Lower Upper
 149 100
 150 8.7 9.0 13.6#
 104 0.0 5.0 7.4#





#75

Fluoranthene

Concen: 0.068 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

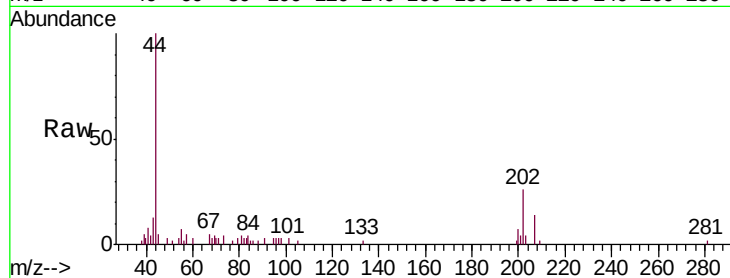
Tgt Ion:202 Resp: 4252

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.9

203 15.0 0.9 40.9

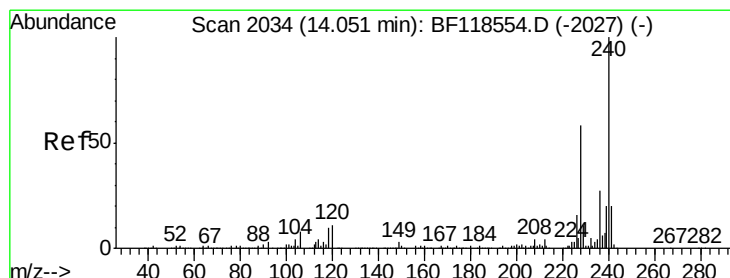
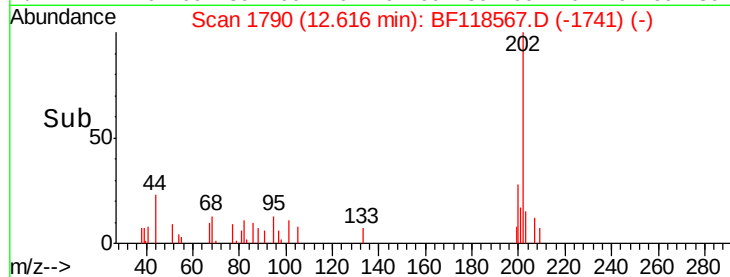
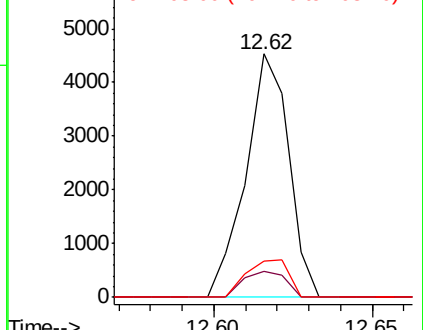


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

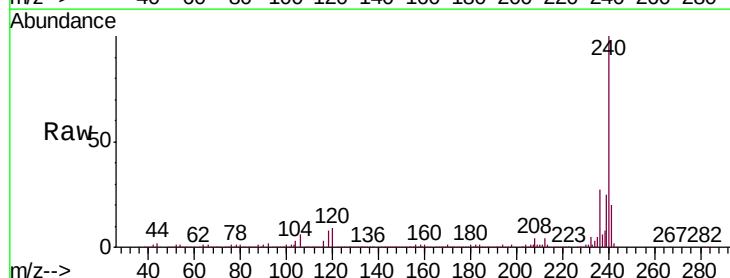
Tgt Ion:240 Resp: 982475

Ion Ratio Lower Upper

240 100

120 9.3 8.7 13.1

236 26.8 21.8 32.8

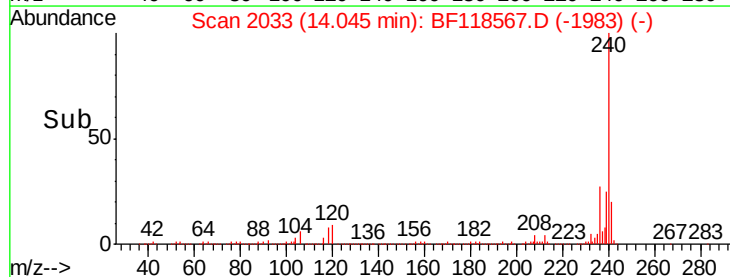
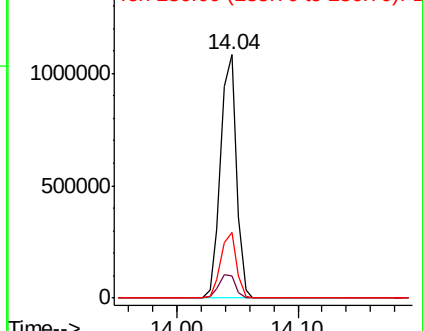


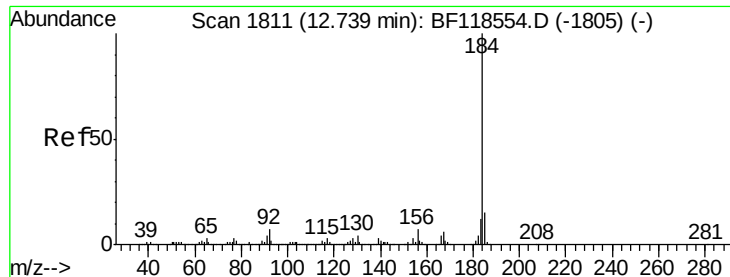
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.786 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.26 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

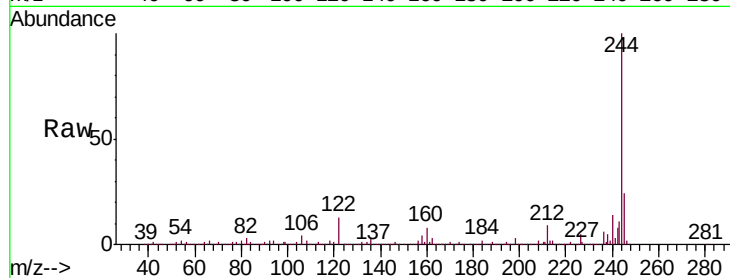
Tgt Ion:184 Resp: 66508

Ion Ratio Lower Upper

184 100

185 16.6 12.3 18.5

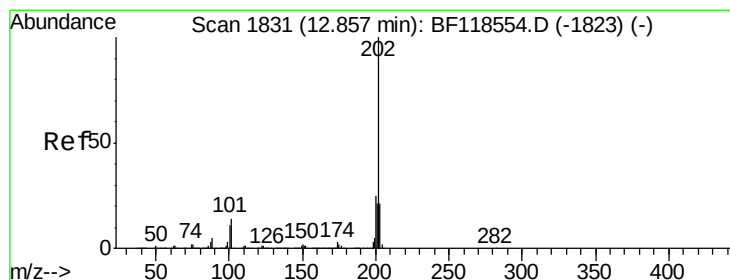
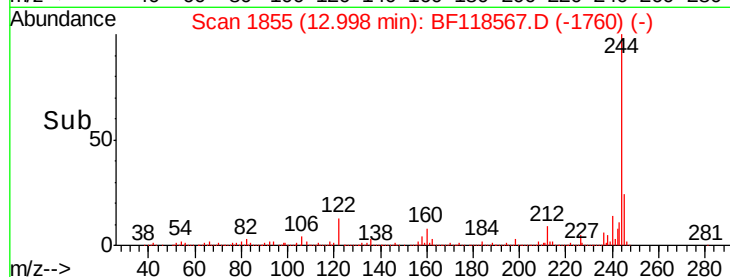
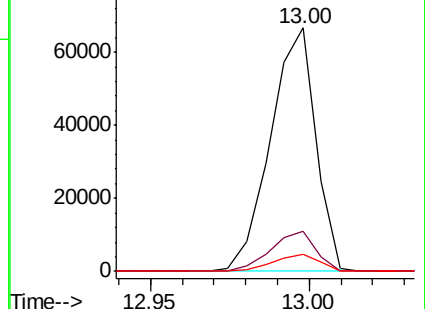
183 7.1 9.5 14.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.061 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

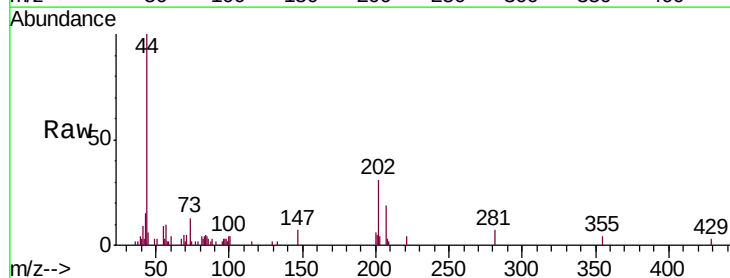
Tgt Ion:202 Resp: 4509

Ion Ratio Lower Upper

202 100

200 18.1 20.2 30.4#

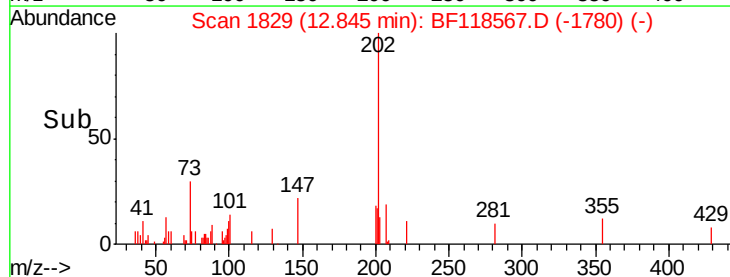
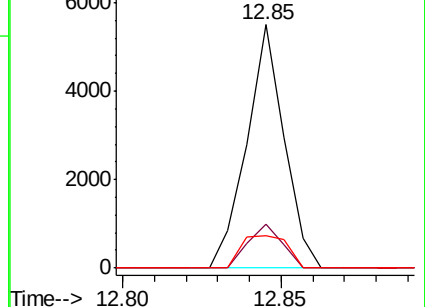
203 13.4 16.6 25.0#

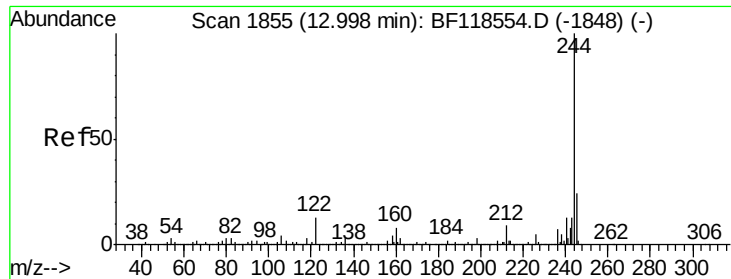


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.225 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

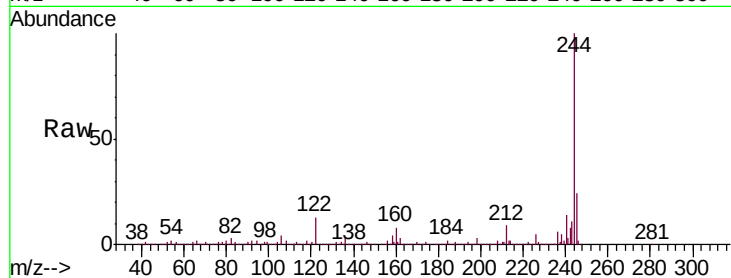
Tgt Ion:244 Resp: 4637709

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

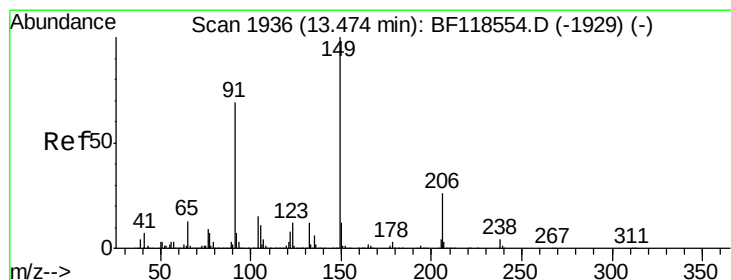
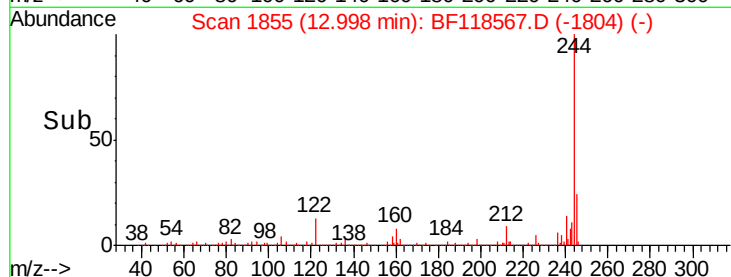
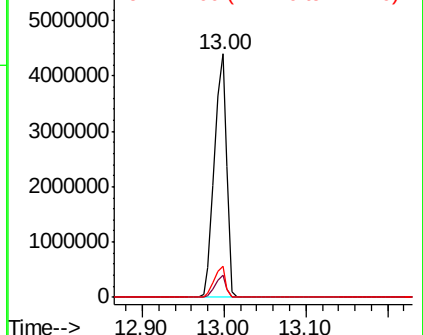
122 12.7 10.4 15.6



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: 0.050 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

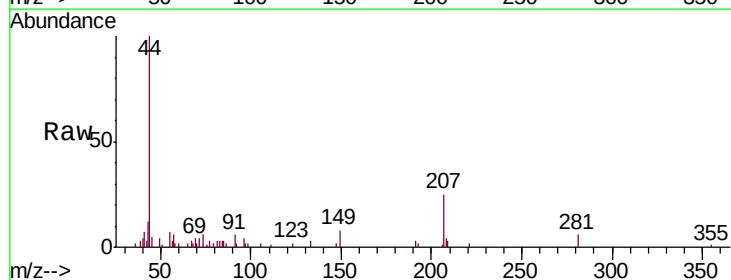
Tgt Ion:149 Resp: 1558

Ion Ratio Lower Upper

149 100

91 80.5 55.5 83.3

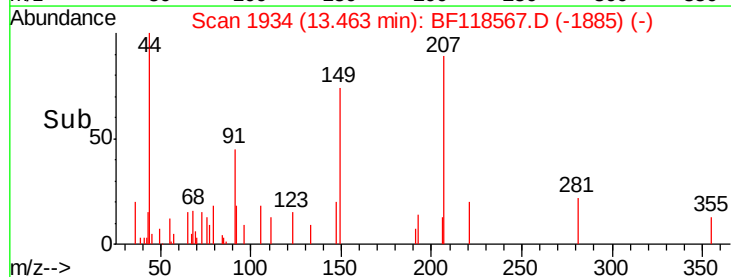
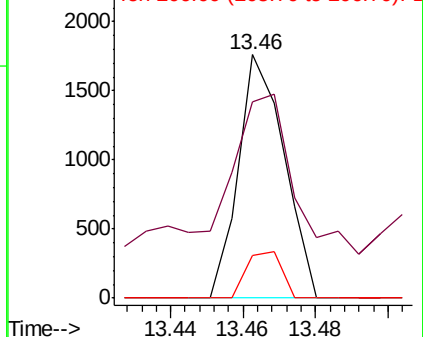
206 17.3 20.7 31.1#

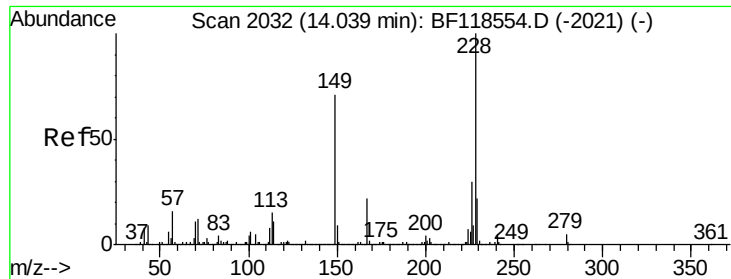


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

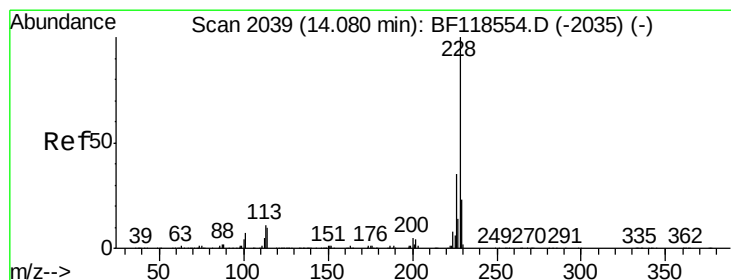
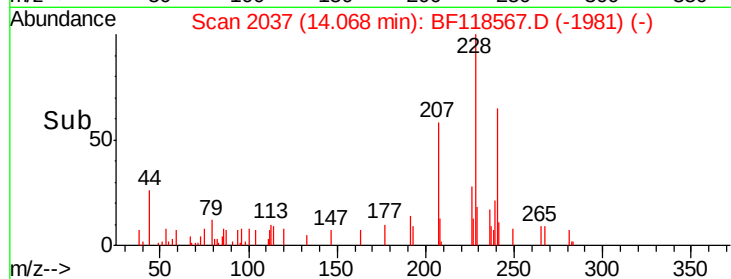
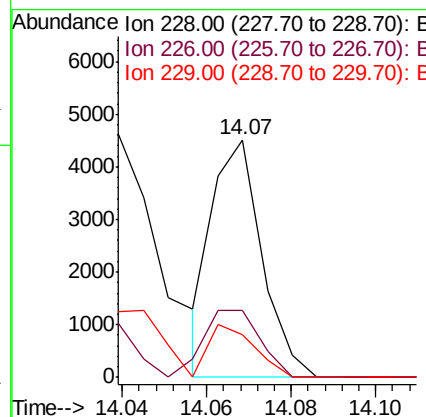
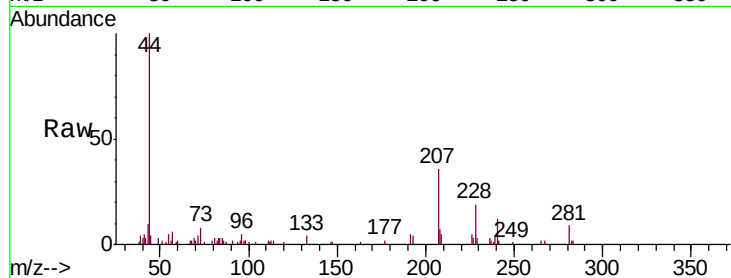




#81
Benzo(a)anthracene
Concen: 0.059 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.03 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

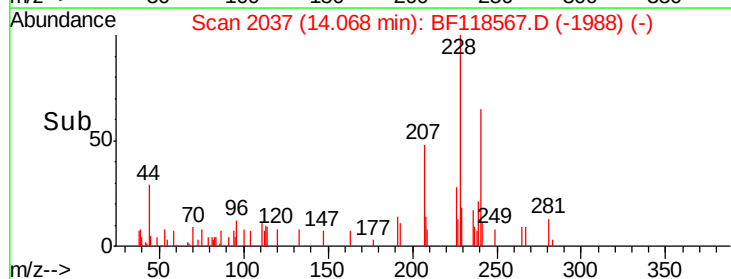
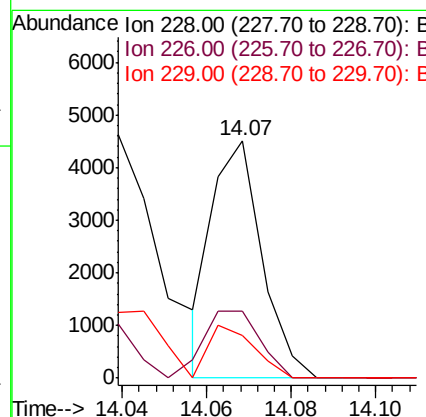
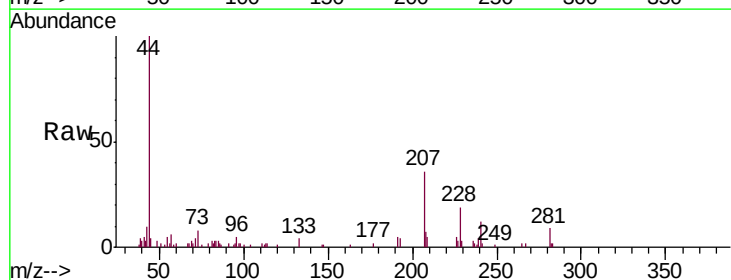
Instrument :
BNA_F
ClientSampleId :
HR-05-011420

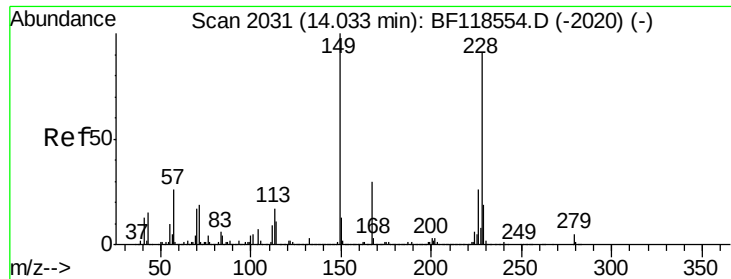
Tgt Ion:228 Resp: 3666
Ion Ratio Lower Upper
228 100
226 28.2 23.7 35.5
229 17.9 17.3 25.9



#83
Chrysene
Concen: 0.061 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:228 Resp: 3666
Ion Ratio Lower Upper
228 100
226 28.2 28.2 42.2
229 17.9 18.2 27.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.305 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

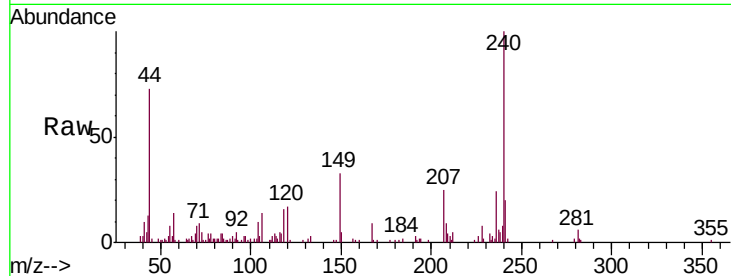
Tgt Ion:149 Resp: 11904

Ion Ratio Lower Upper

149 100

167 27.7 23.9 35.9

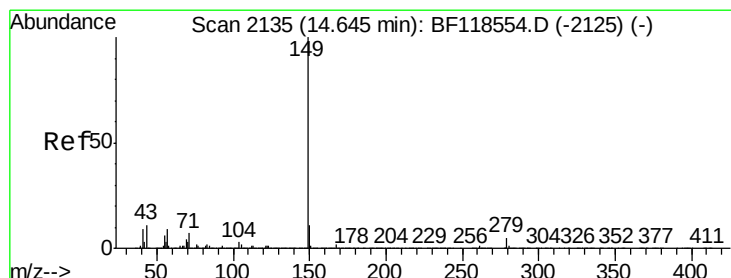
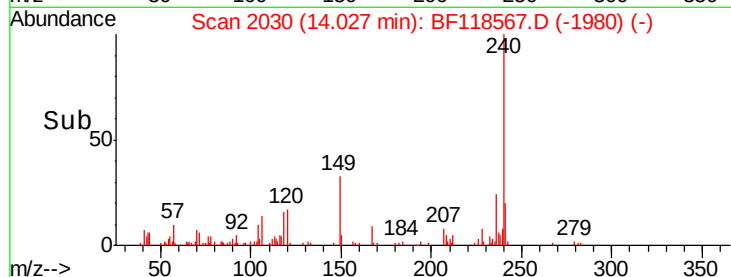
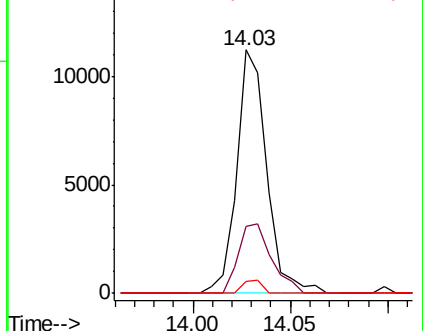
279 4.7 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.089 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

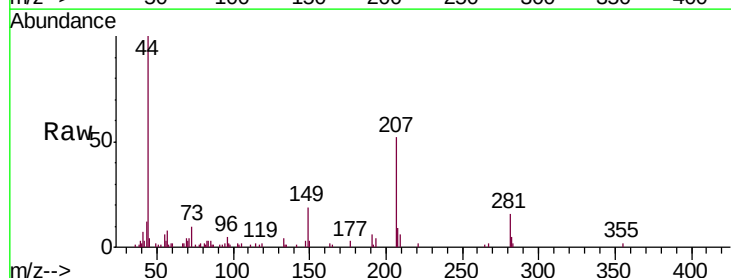
Tgt Ion:149 Resp: 5340

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

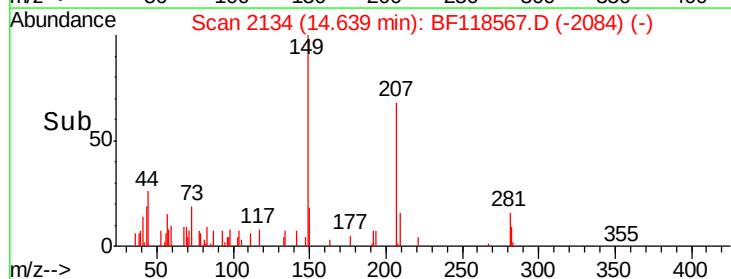
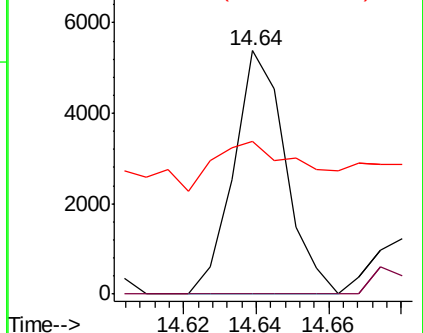
43 34.0 8.9 13.3#

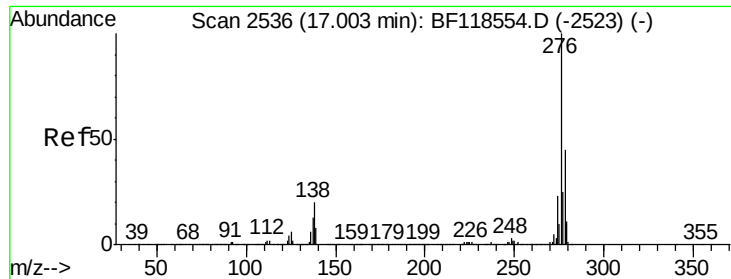


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

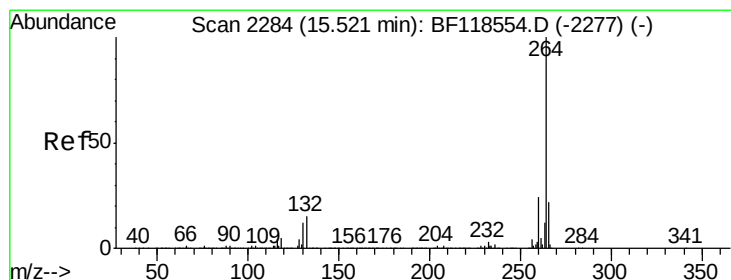
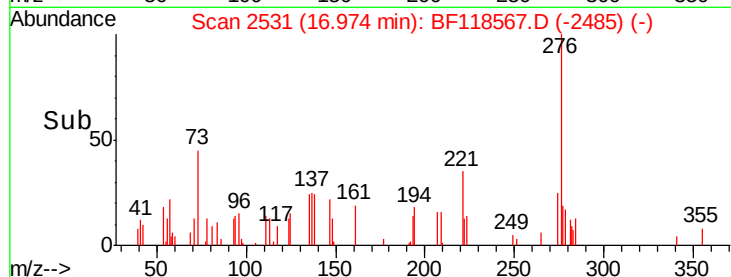
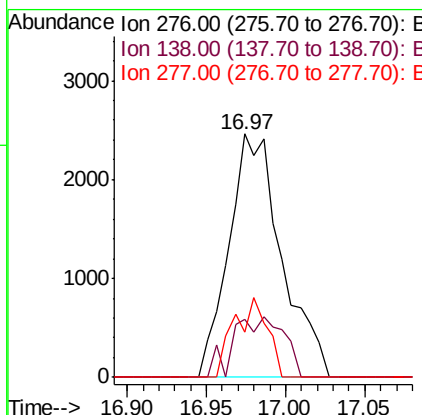
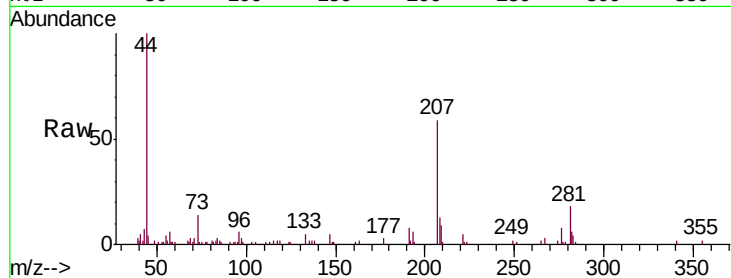




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.097 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. -0.03 min
 Lab File: BF118567.D
 Acq: 17 Jan 2020 19:31

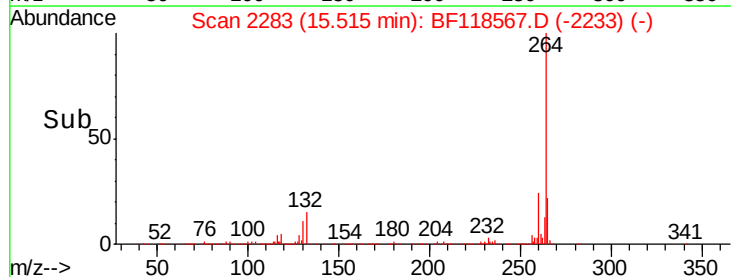
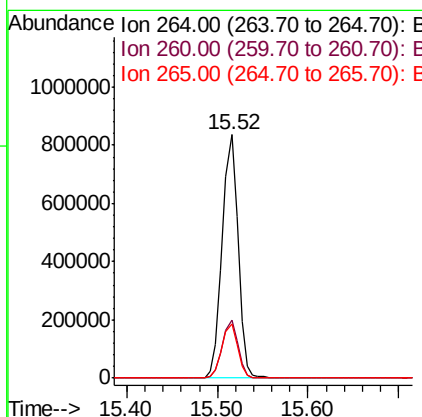
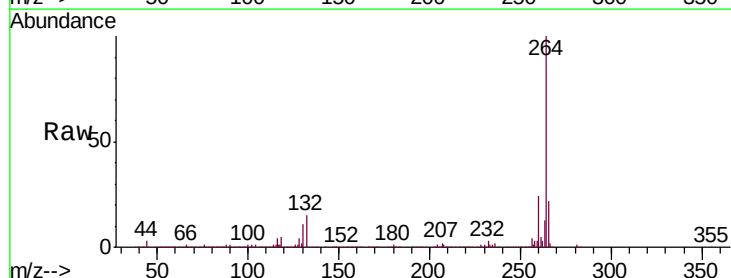
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420

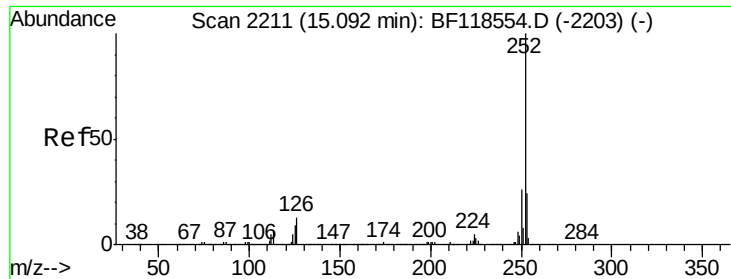
Tgt Ion: 276 Resp: 5690
 Ion Ratio Lower Upper
 276 100
 138 11.7 17.3 25.9#
 277 20.4 20.5 30.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF118567.D
 Acq: 17 Jan 2020 19:31

Tgt Ion: 264 Resp: 1013849
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.1 17.6 26.4

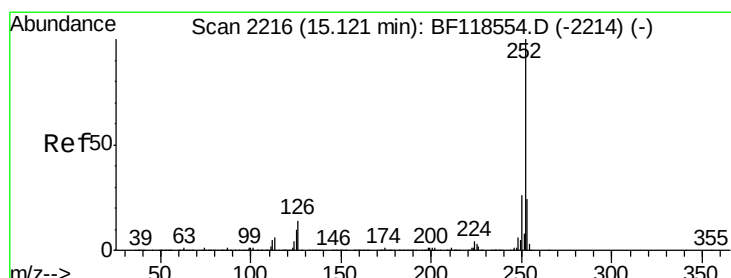
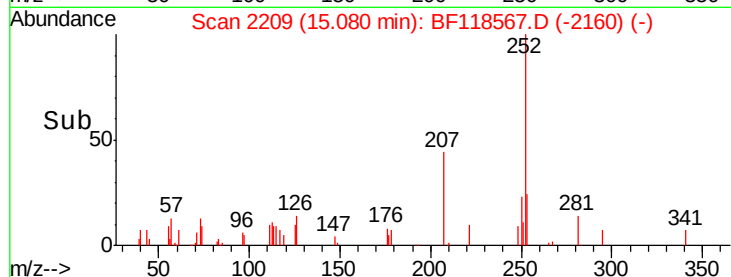
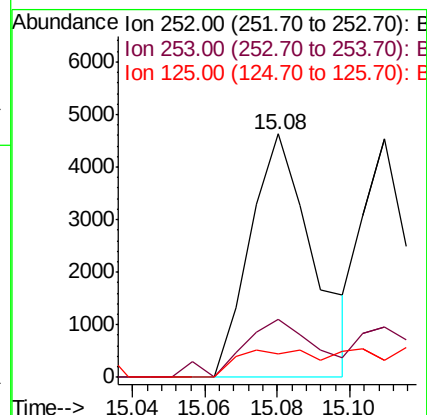
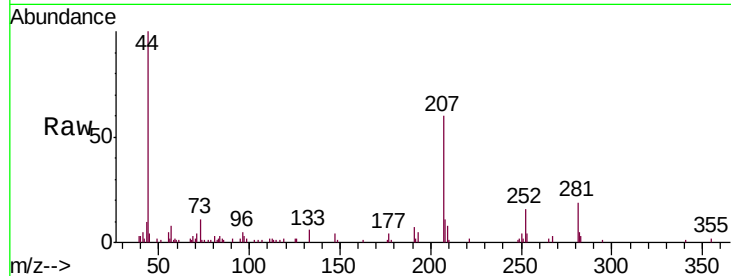




#88
Benzo(b)fluoranthene
Concen: 0.084 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

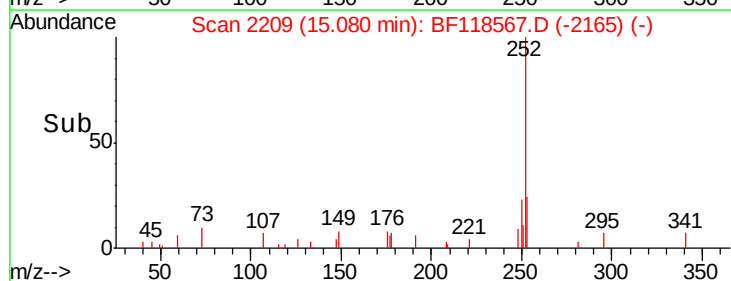
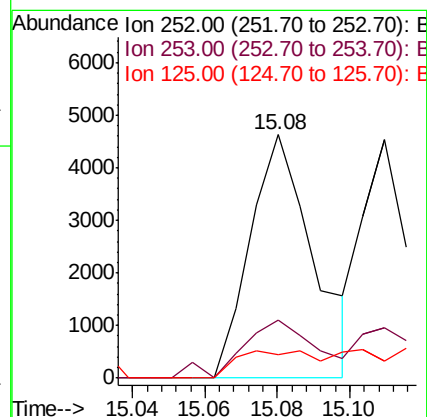
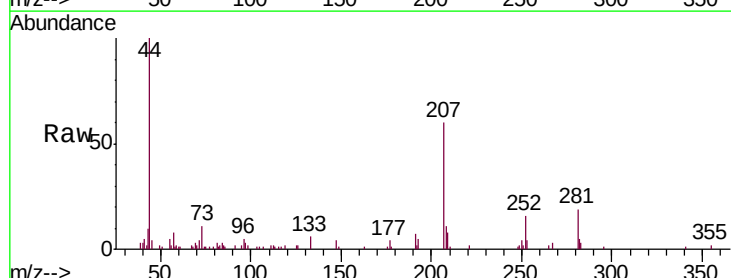
Instrument :
BNA_F
ClientSampleId :
HR-05-011420

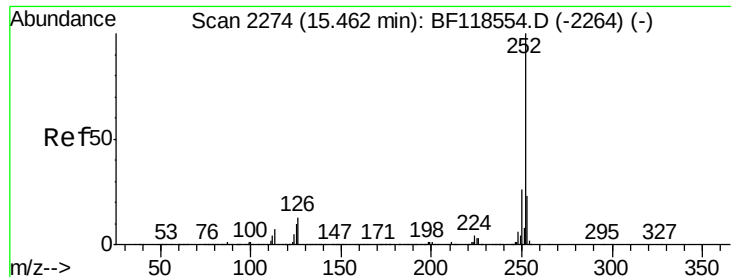
Tgt Ion:252 Resp: 5553
Ion Ratio Lower Upper
252 100
253 23.7 19.1 28.7
125 9.9 7.5 11.3



#89
Benzo(k)fluoranthene
Concen: 0.093 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:252 Resp: 5553
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.4
125 9.9 7.8 11.8





#90

Benzo(a)pyrene

Concen: 0.071 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

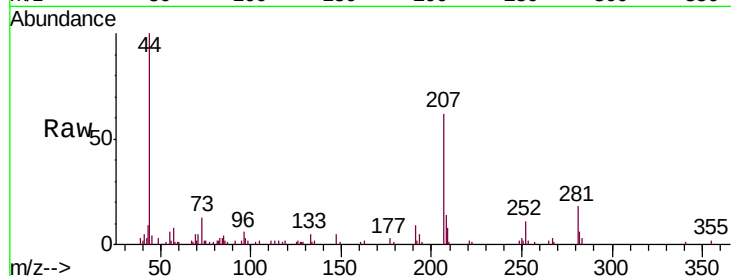
Tgt Ion:252 Resp: 4079

Ion Ratio Lower Upper

252 100

253 18.8 18.3 27.5

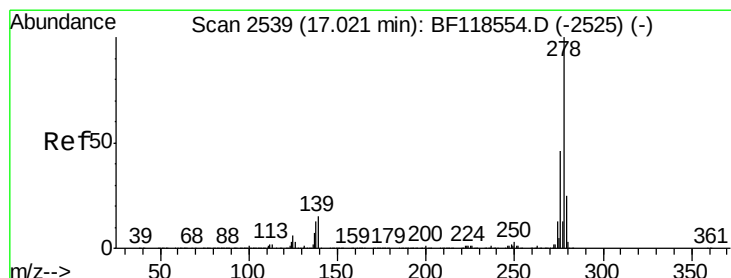
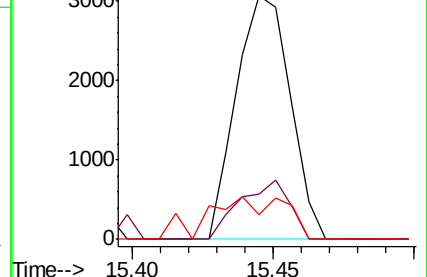
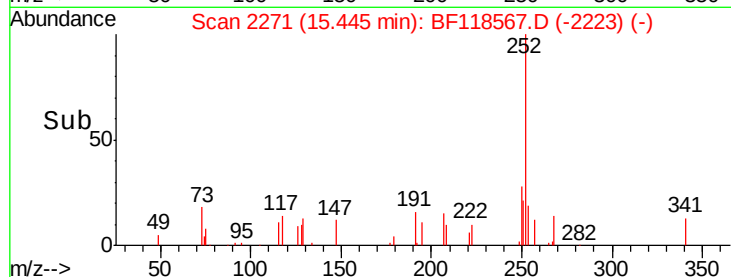
125 10.1 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.086 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

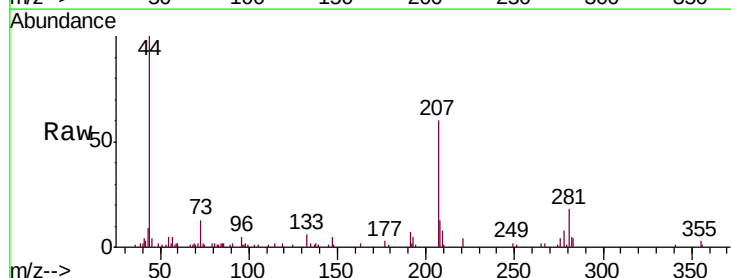
Tgt Ion:278 Resp: 4617

Ion Ratio Lower Upper

278 100

139 19.8 11.7 17.5#

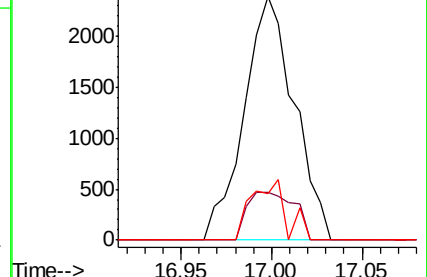
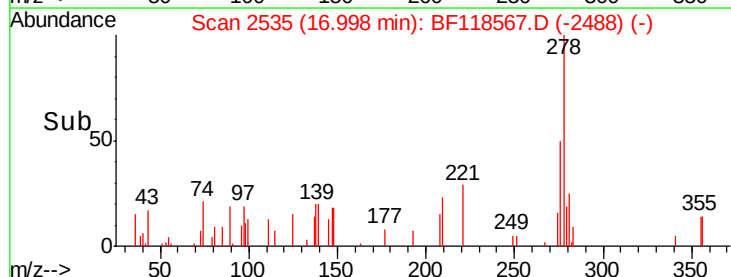
279 18.9 20.0 30.0#

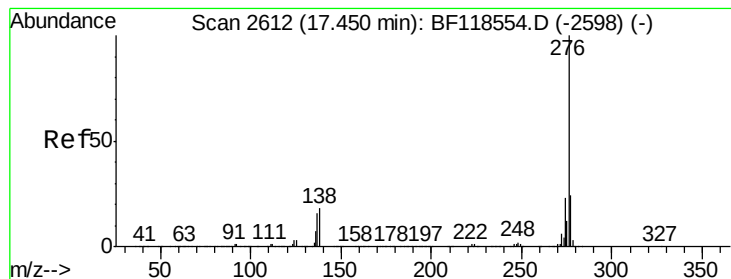


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.095 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.04 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

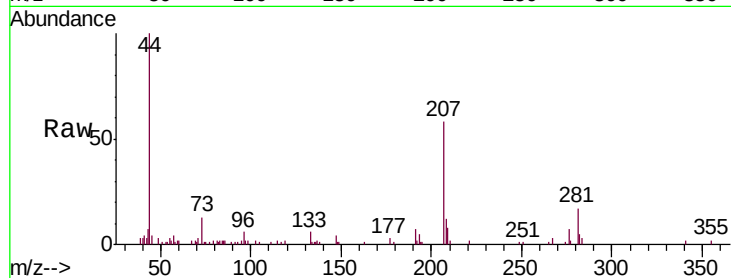
Tgt Ion:276 Resp: 4910

Ion Ratio Lower Upper

276 100

277 27.8 19.1 28.7

138 17.3 14.7 22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

