

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112776.D
 Acq On : 28 Feb 2019 22:12
 Operator : JU/SJ
 Sample : K1645-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-9-D

Quant Time: Mar 01 04:53:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	212095	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	782487	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	333711	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	549985	20.00	ng	0.00
76) Chrysene-d12	13.87	240	513876	20.00	ng	0.00
87) Perylene-d12	15.29	264	555799	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1213353	88.99	ng	0.01
7) Phenol-d6	6.37	99	1544199	90.16	ng	0.00
23) Nitrobenzene-d5	7.30	82	946401	72.37	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	350148	98.83	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1581407	80.65	ng	0.00
79) Terphenyl-d14	12.83	244	1343373	50.68	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.26	79	108	0.006	ng	# 20
6) Aniline	6.39	93	662	0.028	ng	# 1
8) 2-Chlorophenol	6.53	128	299	0.020	ng	# 1
9) Benzaldehyde	6.38	77	2501	0.203	ng	# 1
10) Phenol	6.39	94	29608	1.481	ng	# 99
11) bis(2-Chloroethyl)ether	6.51	93	1986	0.129	ng	# 1
15) Benzyl Alcohol	6.90	79	15847	1.213	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.00	45	113	0.004	ng	# 71
17) 2-Methylphenol	6.87	107	113	0.009	ng	# 5
19) n-Nitroso-di-n-propylamine	7.30	70	125154	11.538	ng	# 76
20) 3+4-Methylphenols	6.87	107	113	0.008	ng	# 1
22) Acetophenone	7.14	105	469	0.026	ng	# 45
24) Nitrobenzene	7.30	77	2630	0.181	ng	# 38
25) Isophorone	7.30	82	931279	33.057	ng	# 66
31) Naphthalene	8.04	128	526	0.014	ng	# 68
32) Benzoic acid	8.03	122	145	0.018	ng	# 1
38) 1-Methylnaphthalene	9.10	142	705	0.029	ng	# 60
46) 1,1'-Biphenyl	9.20	154	3073	0.113	ng	# 99
47) 2-Chloronaphthalene	9.49	162	672	0.032	ng	# 1
48) 2-Nitroaniline	9.49	65	1140	0.176	ng	# 1
49) Acenaphthylene	9.63	152	902	0.025	ng	# 53
50) Dimethylphthalate	9.49	163	111769	4.542	ng	# 100
51) 2,6-Dinitrotoluene	9.77	165	42201	8.236	ng	# 18
52) Acenaphthene	9.77	154	1188	0.056	ng	# 5
57) 2,4-Dinitrotoluene	9.77	165	42201	6.626	ng	# 17
58) Fluorene	10.55	166	15022	0.690	ng	# 90
60) Diethylphthalate	10.19	149	1010	0.039	ng	# 60
63) Azobenzene	10.48	77	568	0.021	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.55	198	707	4.896	ng	# 1
66) n-Nitrosodiphenylamine	10.55	169	10086	0.572	ng	# 44
67) 4-Bromophenyl-phenylether	10.56	248	19804	3.419	ng	# 1
71) Phenanthrene	11.27	178	1572	0.057	ng	# 80
72) Anthracene	11.32	178	1193	0.042	ng	# 80
73) Carbazole	11.47	167	236	0.008	ng	# 59

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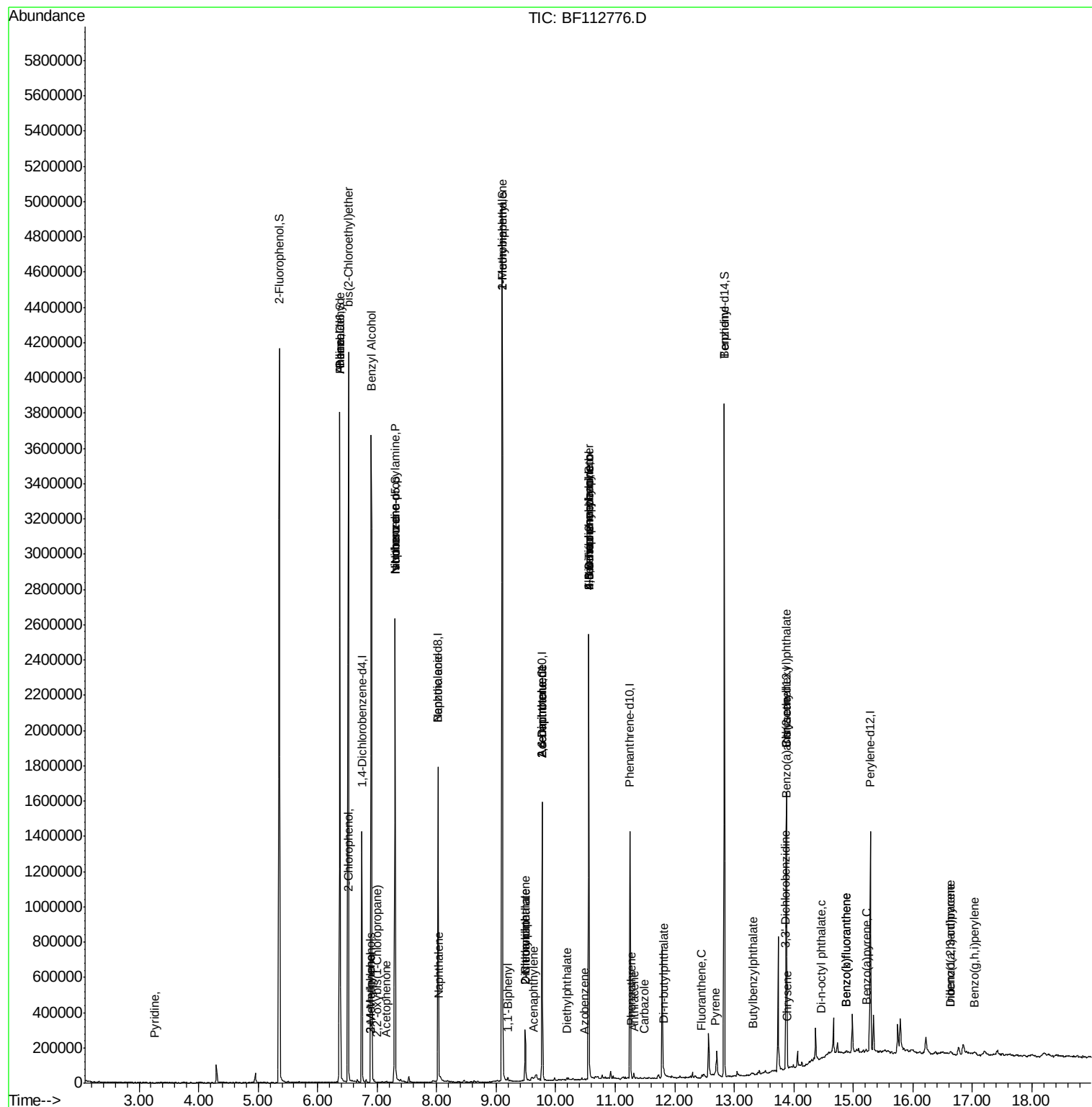
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Di-n-butylphthalate	11.82	149	4382	0.131	ng	# 92
75) Fluoranthene	12.45	202	5902	0.201	ng	95
77) Benzidine	12.83	184	16180	0.607	ng	96
78) Pyrene	12.68	202	6633	0.153	ng	96
80) Butylbenzylphthalate	13.30	149	344	0.018	ng	# 79
81) Benzo(a)anthracene	13.86	228	5624	0.158	ng	# 88
82) 3,3'-Dichlorobenzidine	13.86	252	109	0.008	ng	# 1
83) Chrysene	13.90	228	4204	0.121	ng	# 89
84) Bis(2-ethylhexyl)phthalate	13.87	149	2868	0.128	ng	# 92
85) Di-n-octyl phthalate	14.47	149	276	0.007	ng	# 46
86) Indeno(1,2,3-cd)pyrene	16.63	276	5918	0.199	ng	# 79
88) Benzo(b)fluoranthene	14.88	252	11205	0.312	ng	# 79
89) Benzo(k)fluoranthene	14.88	252	11205	0.344	ng	# 80
90) Benzo(a)pyrene	15.22	252	6816	0.214	ng	# 82
91) Dibenzo(a,h)anthracene	16.64	278	1134	0.042	ng	# 39
92) Benzo(g,h,i)perylene	17.04	276	7628	0.280	ng	# 84

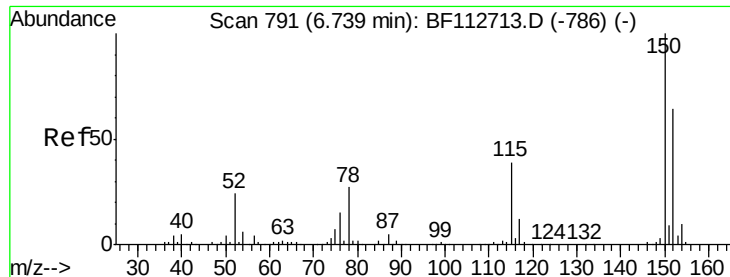
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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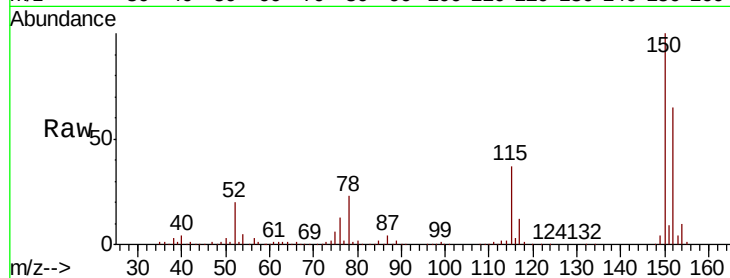


#1

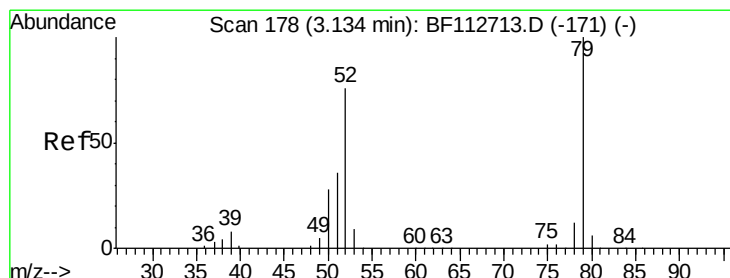
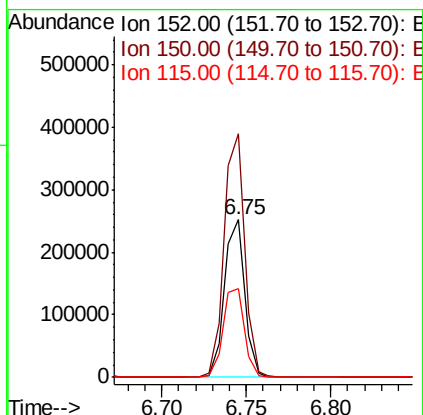
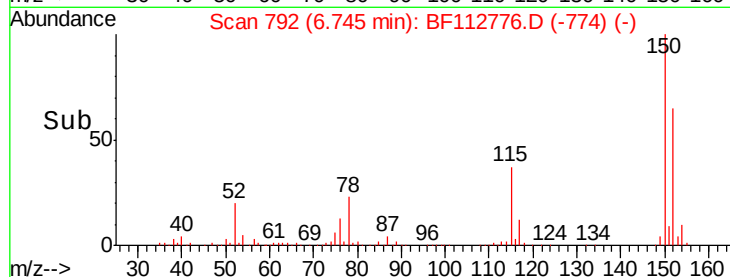
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Instrument :
BNA_F
ClientSampleId :
SR-9-D

Tgt Ion: 152 Resp: 212095
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 56.4 48.2 72.4



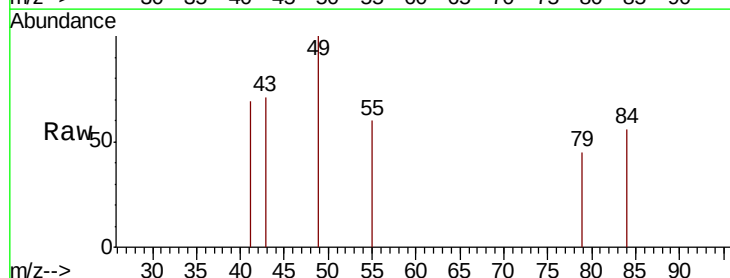
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



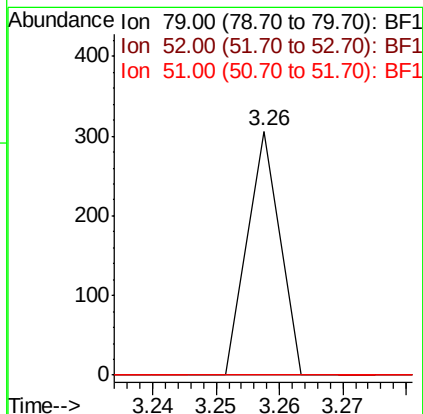
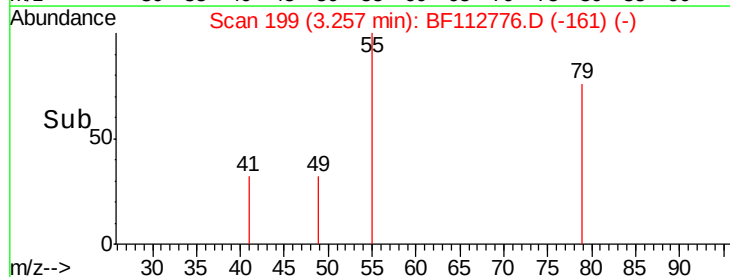
#3

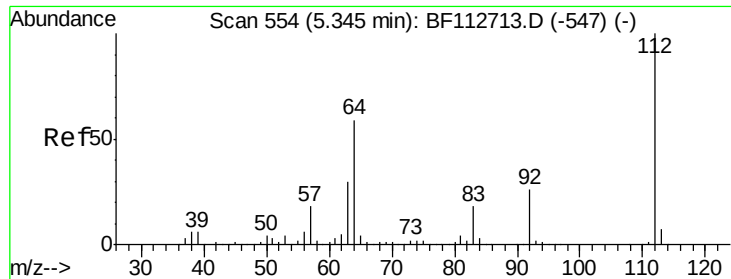
Pyridine
Concen: 0.006 ng
RT: 3.26 min Scan# 199
Delta R.T. 0.12 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion: 79 Resp: 108
Ion Ratio Lower Upper
79 100
52 0.0 60.5 90.7#
51 0.0 28.8 43.2#



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





#5

2-Fluorophenol

Concen: 88.990 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Instrument :

BNA_F

ClientSampleId :

SR-9-D

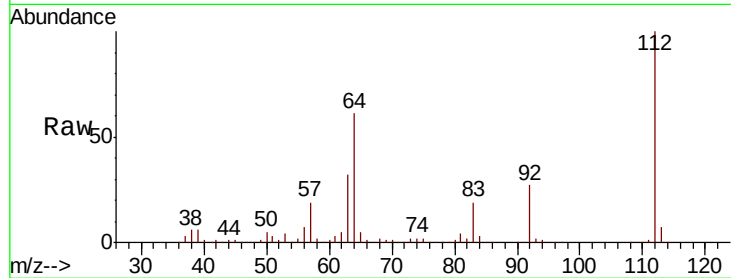
Tgt Ion: 112 Resp: 1213353

Ion Ratio Lower Upper

112 100

64 61.3 47.6 71.4

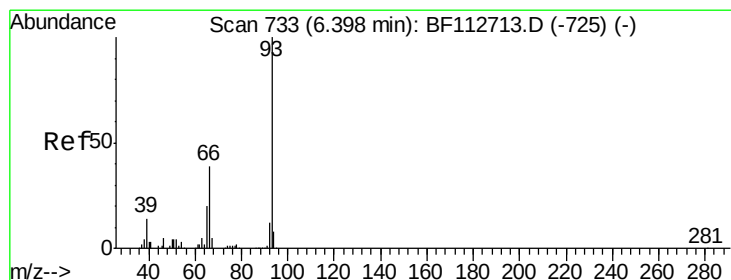
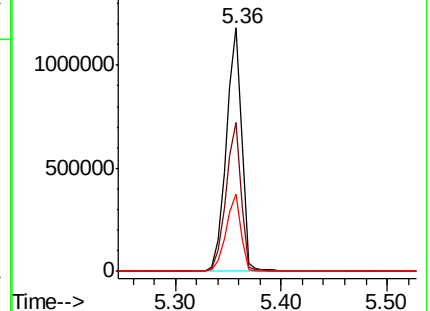
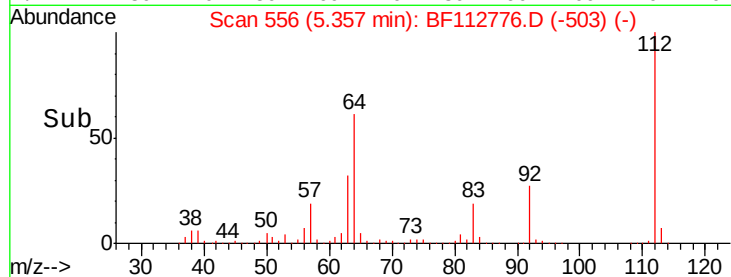
63 31.7 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF112776.D (-503) (-)

Ion 64.00 (63.70 to 64.70): BF112776.D (-503) (-)

Ion 63.00 (62.70 to 63.70): BF112776.D (-503) (-)



#6

Aniline

Concen: 0.028 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

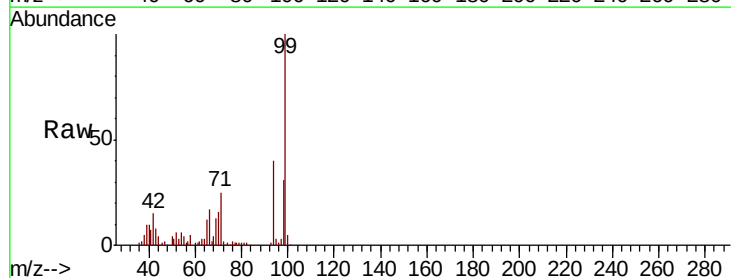
Tgt Ion: 93 Resp: 662

Ion Ratio Lower Upper

93 100

66 2218.1 32.2 48.2#

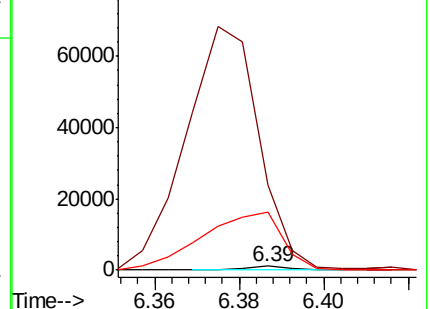
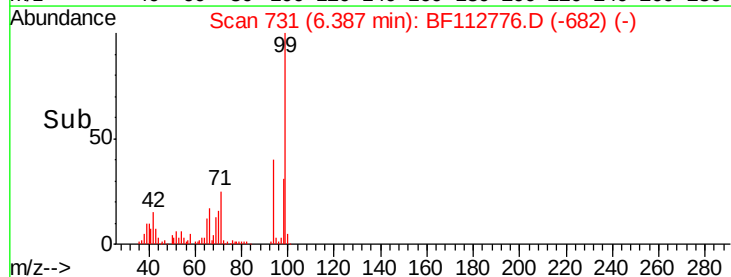
65 1527.0 16.2 24.4#

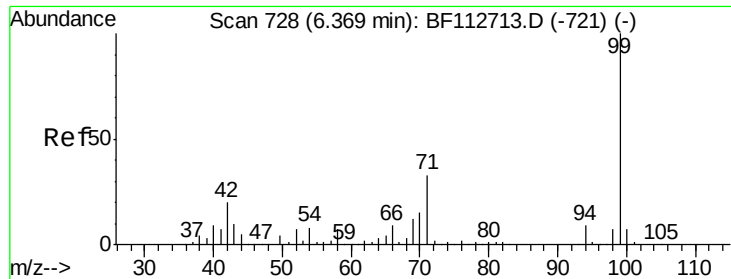


Abundance Ion 93.00 (92.70 to 93.70): BF112776.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BF112776.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BF112776.D (-682) (-)





#7

Phenol-d6

Concen: 90.159 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Instrument :

BNA_F

ClientSampleId :

SR-9-D

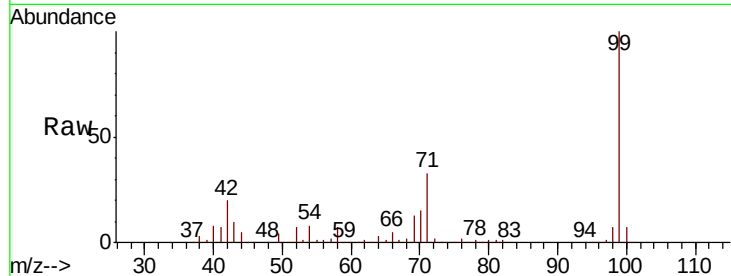
Tgt Ion: 99 Resp: 1544199

Ion Ratio Lower Upper

99 100

42 19.9 16.3 24.5

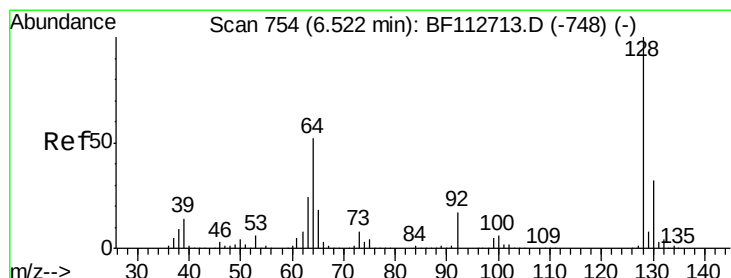
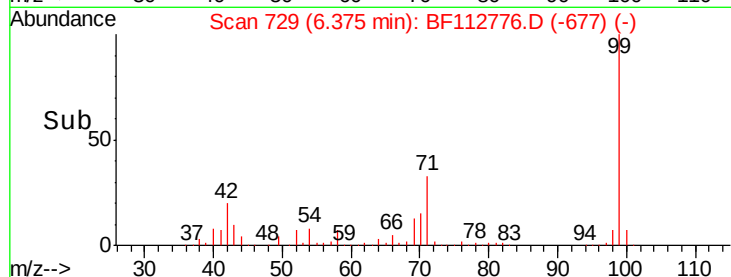
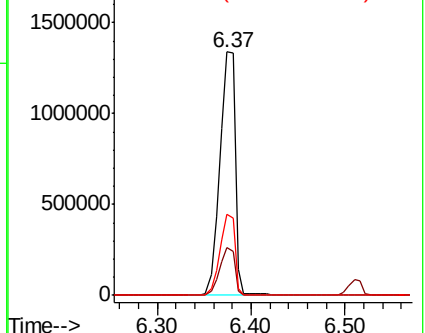
71 33.3 26.2 39.4



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: 0.020 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

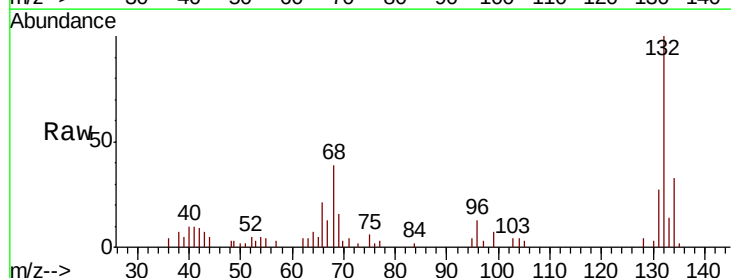
Tgt Ion: 128 Resp: 299

Ion Ratio Lower Upper

128 100

130 94.4 12.4 52.4#

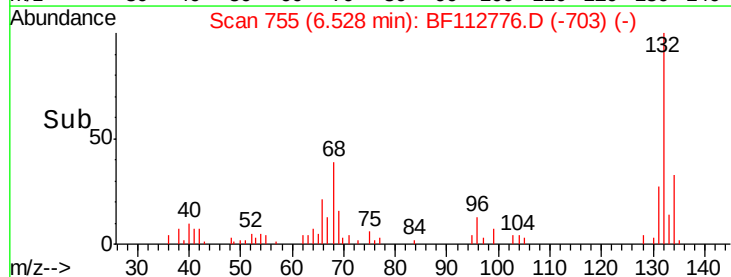
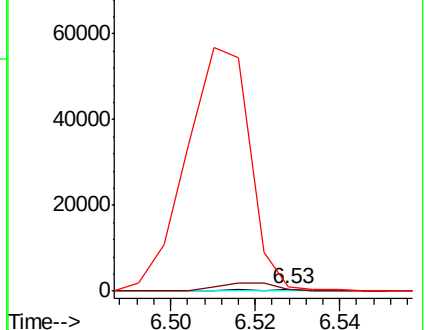
64 194.0 32.2 72.2#

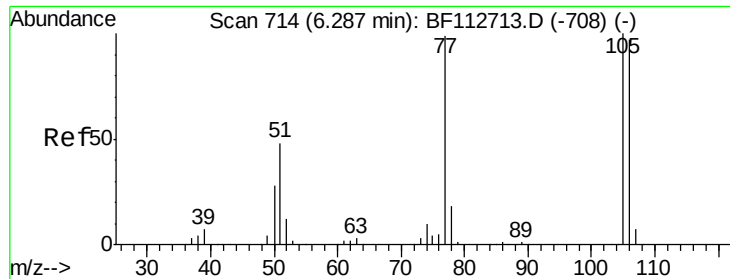


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.203 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.09 min

Lab File: BF112776.D

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SR-9-D

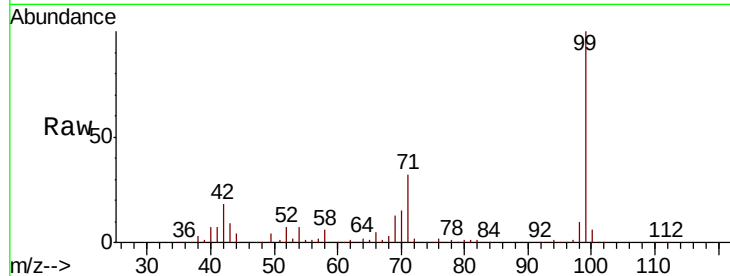
Tgt Ion: 77 Resp: 2501

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

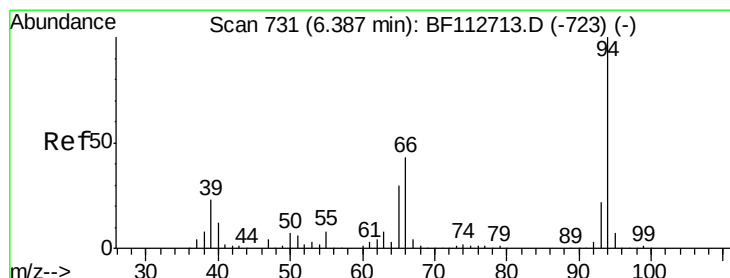
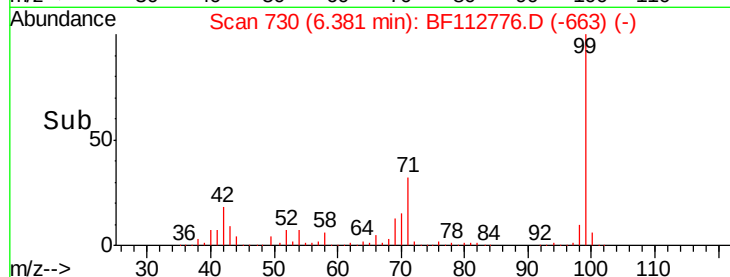
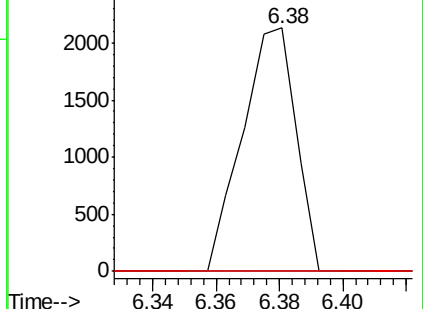
106 0.0 78.3 118.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 1.481 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

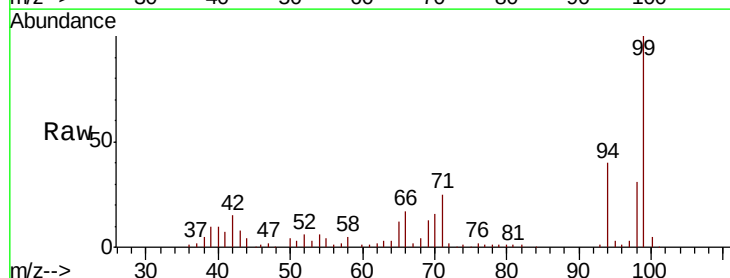
Tgt Ion: 94 Resp: 29608

Ion Ratio Lower Upper

94 100

65 29.4 10.5 50.5

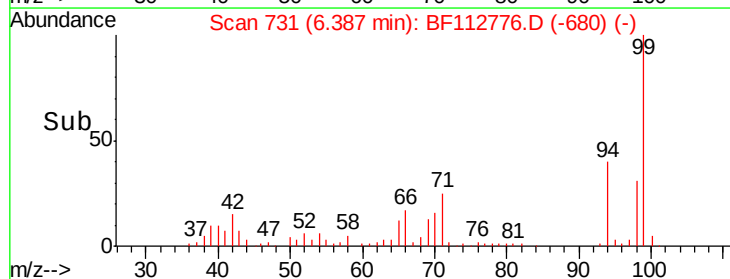
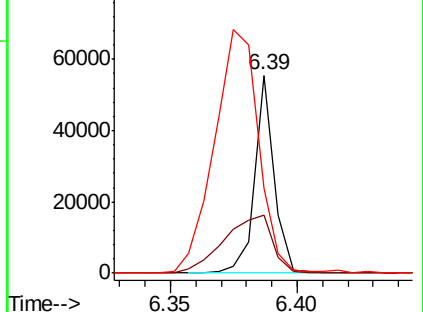
66 42.8 22.6 62.6

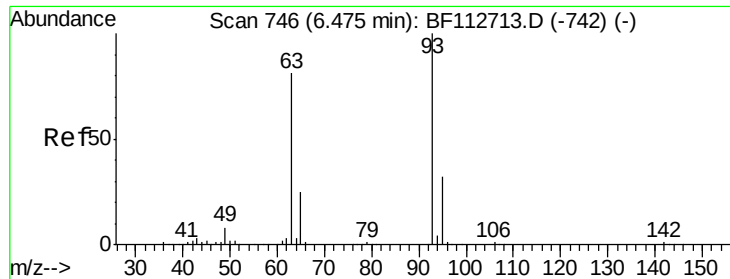


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

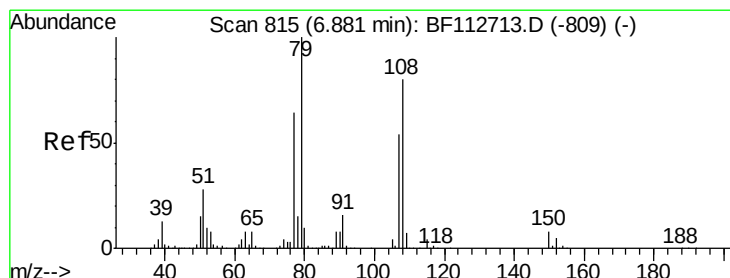
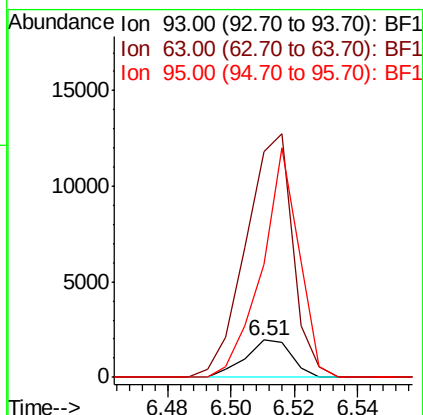
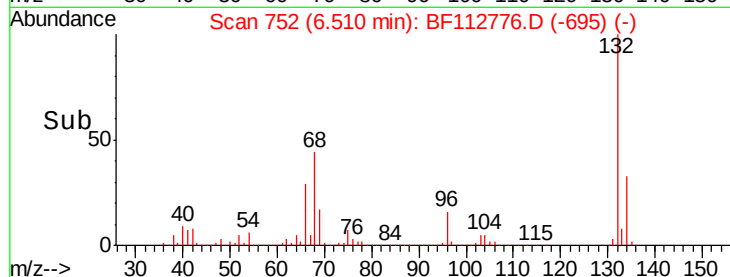
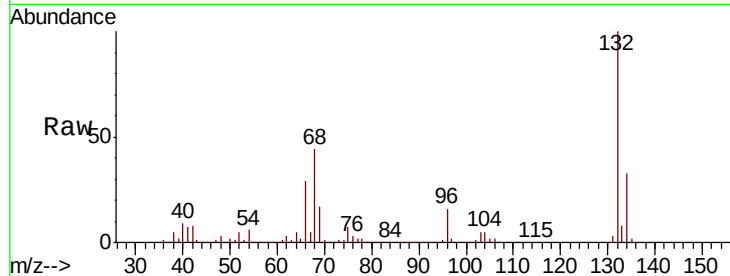




#11
bis(2-Chloroethyl)ether
Concen: 0.129 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.04 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

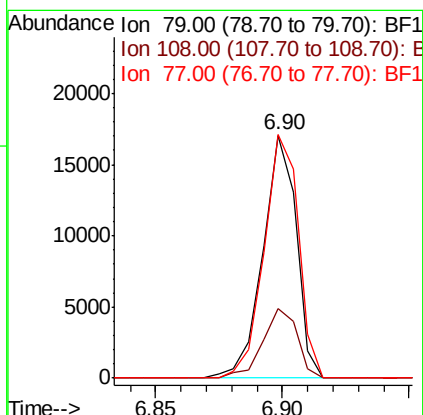
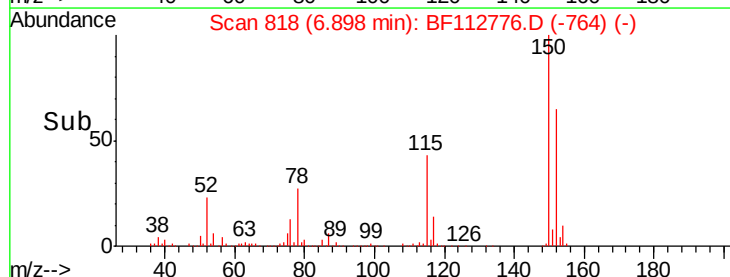
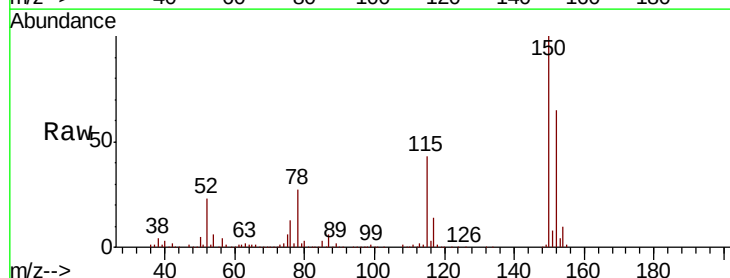
Instrument :
BNA_F
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SR-9-D

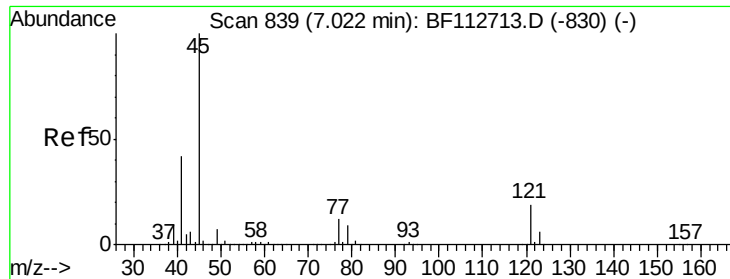
Tgt Ion: 93 Resp: 1986
Ion Ratio Lower Upper
93 100
63 609.4 60.5 100.5#
95 305.9 12.1 52.1#



#15
Benzyl Alcohol
Concen: 1.213 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion: 79 Resp: 15847
Ion Ratio Lower Upper
79 100
108 28.8 64.2 96.4#
77 100.4 51.1 76.7#

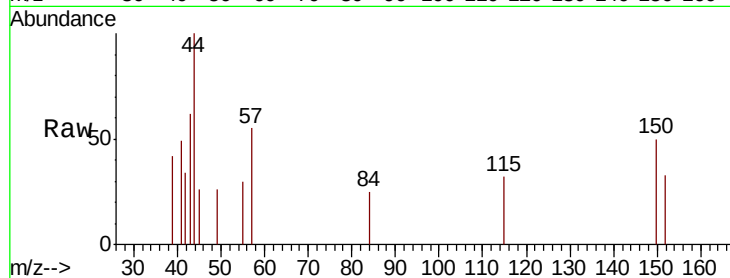




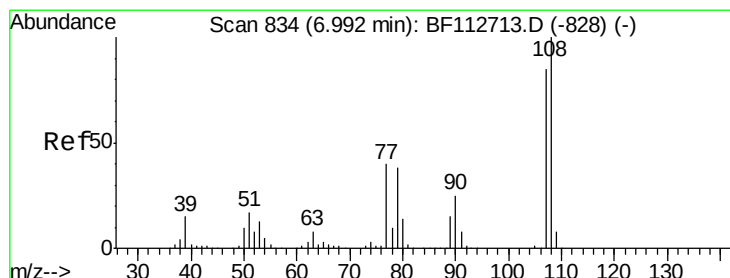
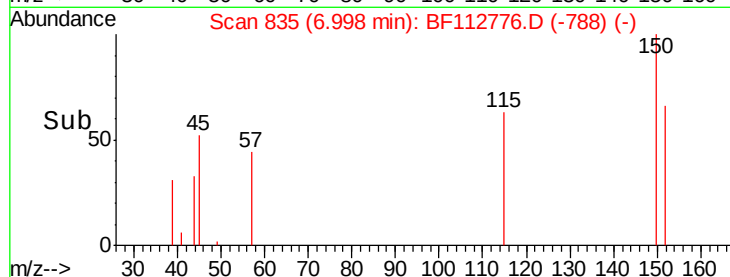
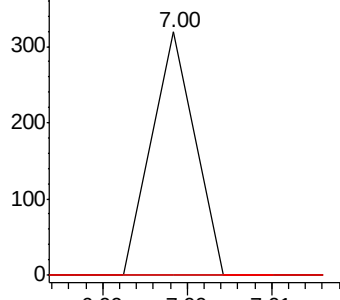
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.004 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Instrument :
BNA_F
ClientSampleId :
SR-9-D

Tgt Ion: 45 Resp: 113
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.1
79 0.0 0.0 29.4

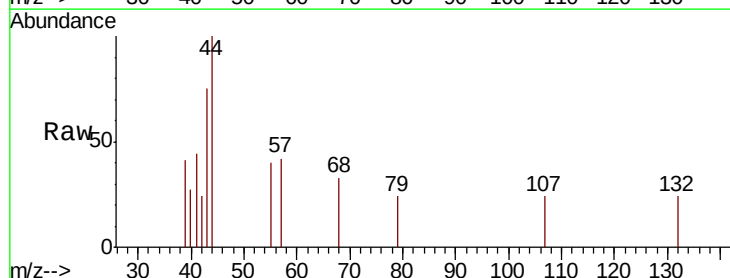


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

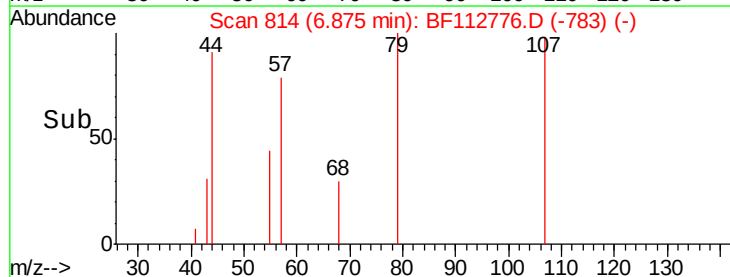
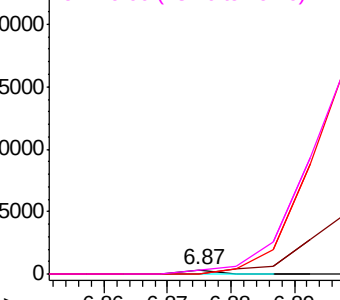


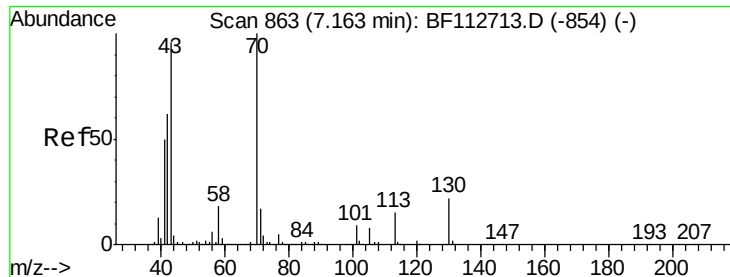
#17
2-Methylphenol
Concen: 0.009 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.12 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion: 107 Resp: 113
Ion Ratio Lower Upper
107 100
108 0.0 94.6 142.0#
77 0.0 37.8 56.8#
79 102.2 36.2 54.2#



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

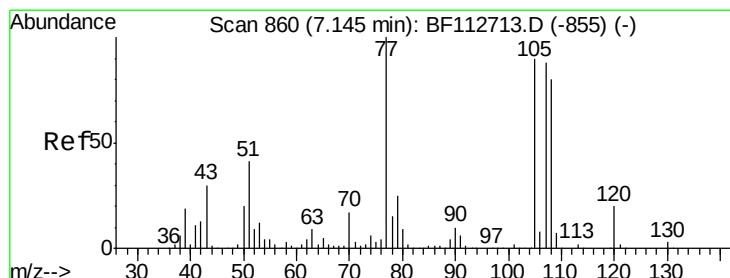
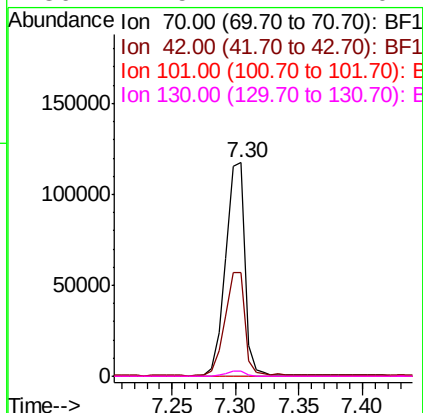
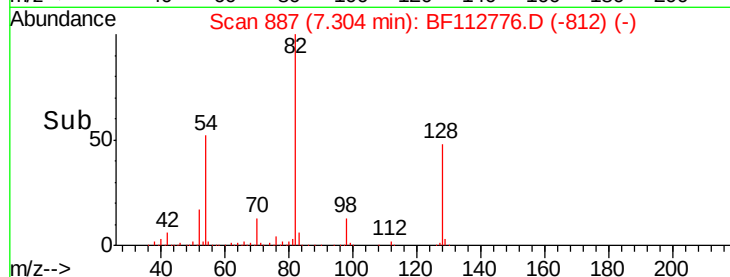
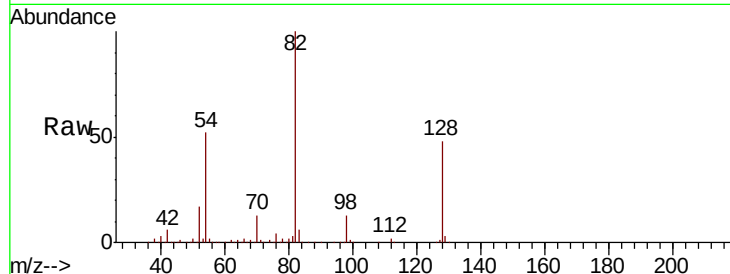




#19
n-Nitroso-di-n-propylamine
Concen: 11.538 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

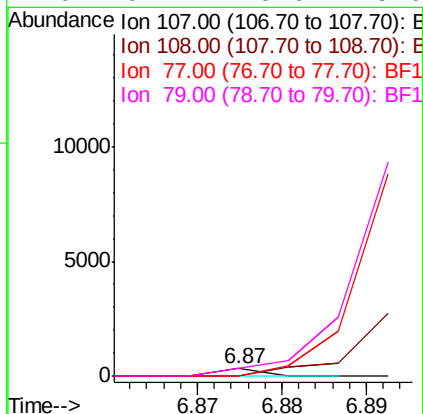
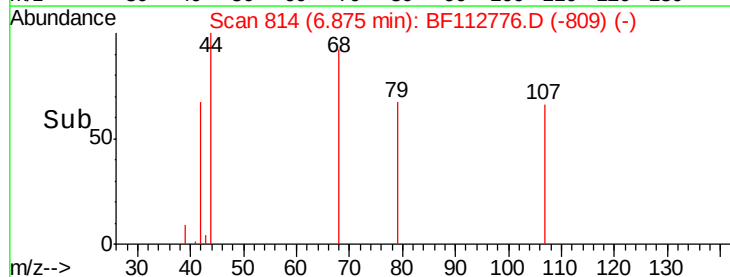
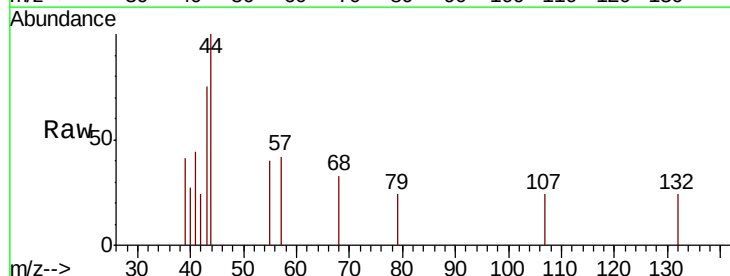
Instrument :
BNA_F
ClientSampleId :
SR-9-D

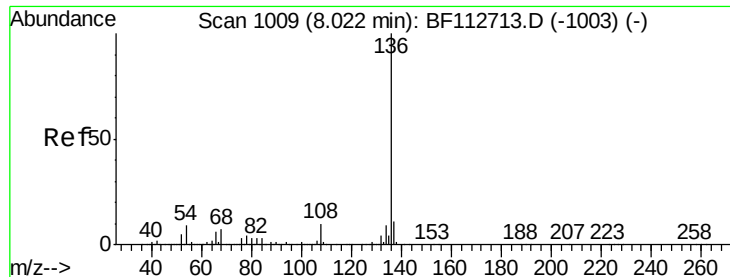
Tgt Ion: 70 Resp: 125154
Ion Ratio Lower Upper
70 100
42 48.5 49.9 74.9#
101 0.0 7.4 11.2#
130 2.5 17.4 26.2#



#20
3+4-Methylphenols
Concen: 0.008 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.27 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion: 107 Resp: 113
Ion Ratio Lower Upper
107 100
108 0.0 71.4 111.4#
77 0.0 94.1 134.1#
79 102.2 8.6 48.6#

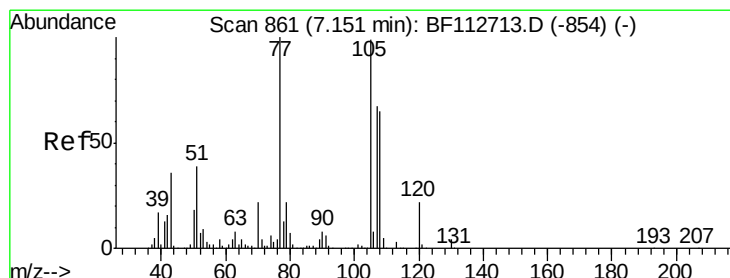
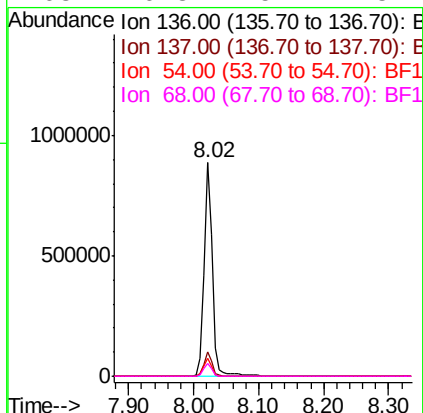
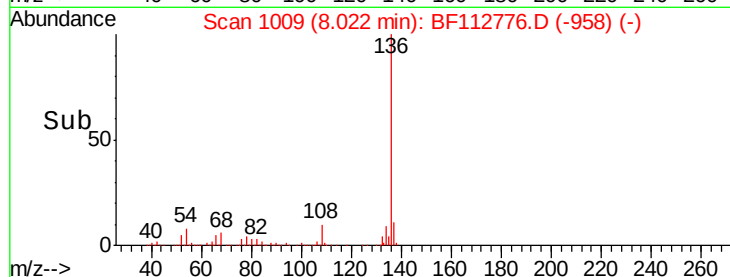
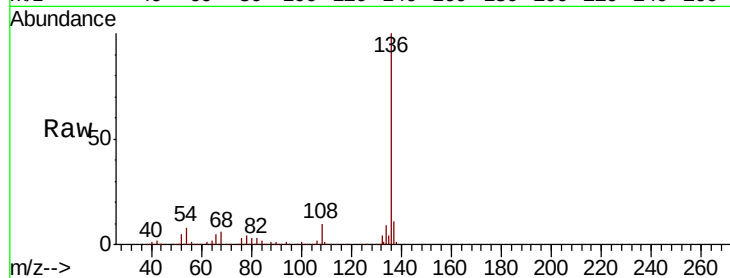




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

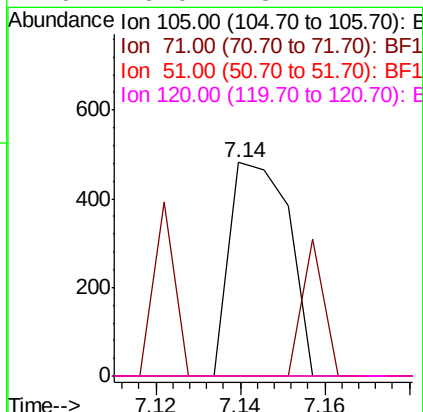
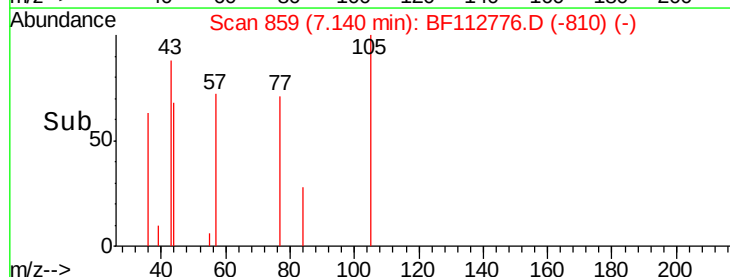
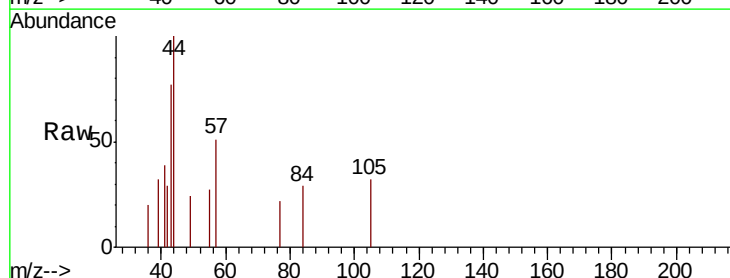
Instrument :
BNA_F
ClientSampleId :
SR-9-D

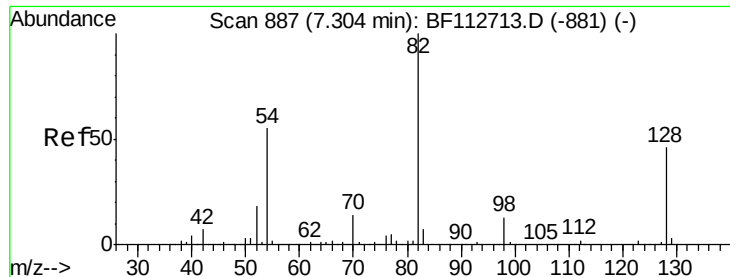
Tgt Ion:	136	Resp:	782487
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	8.5	7.3	10.9
68	6.3	5.4	8.2



#22
Acetophenone
Concen: 0.026 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion:	105	Resp:	469
Ion Ratio	Lower	Upper	
105	100		
71	0.0	3.0	4.4#
51	0.0	31.5	47.3#
120	0.0	18.1	27.1#

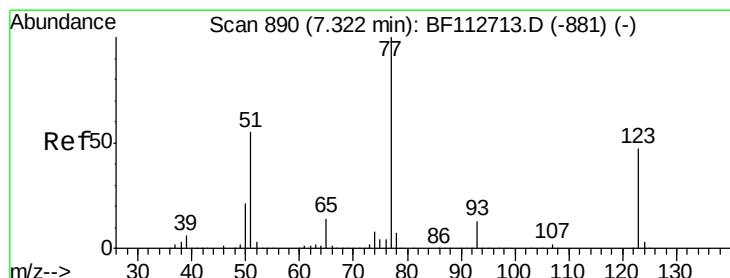
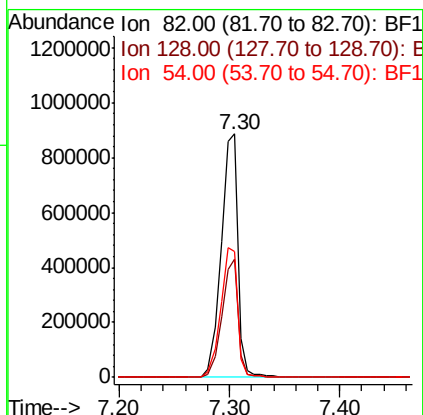
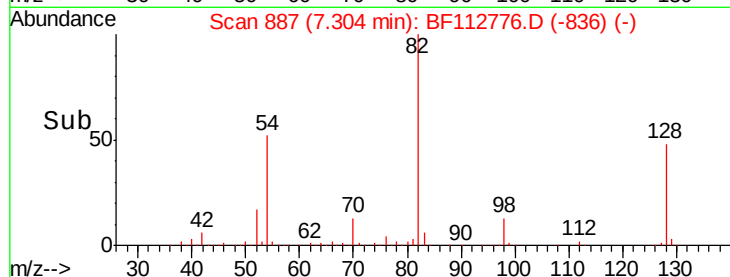
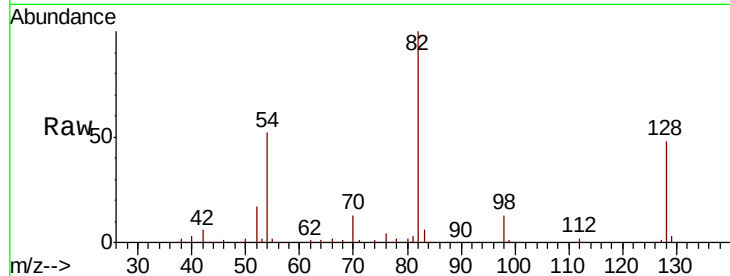




#23
Nitrobenzene-d5
Concen: 72.373 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

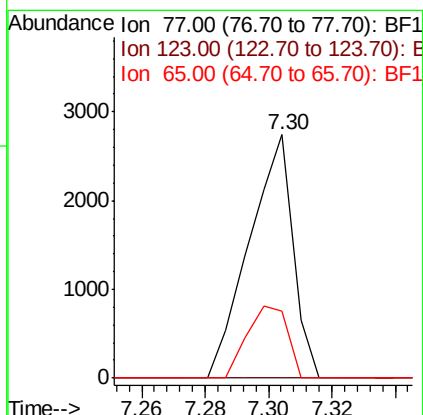
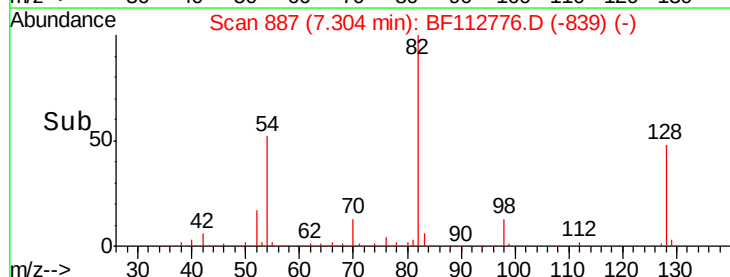
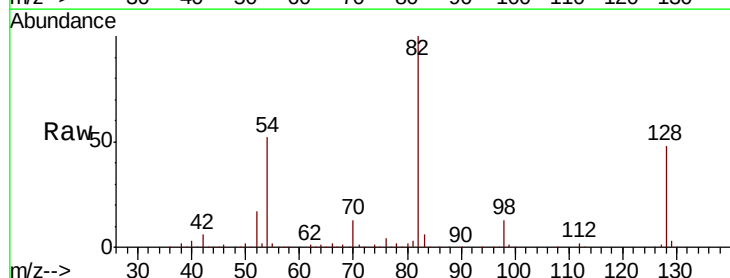
Instrument :
BNA_F
ClientSampleID :
SR-9-D

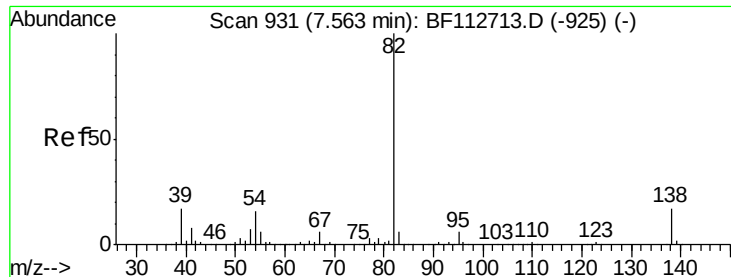
Tgt Ion: 82 Resp: 946401
Ion Ratio Lower Upper
82 100
128 48.4 36.3 54.5
54 51.9 43.7 65.5



#24
Nitrobenzene
Concen: 0.181 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion: 77 Resp: 2630
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.6#
65 27.6 11.1 16.7#





#25

Isophorone

Concen: 33.057 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Instrument :

BNA_F

ClientSampleId :

SR-9-D

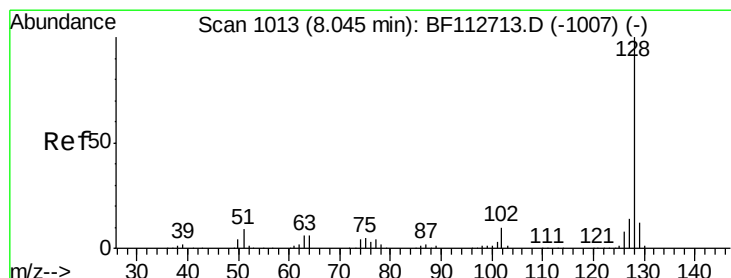
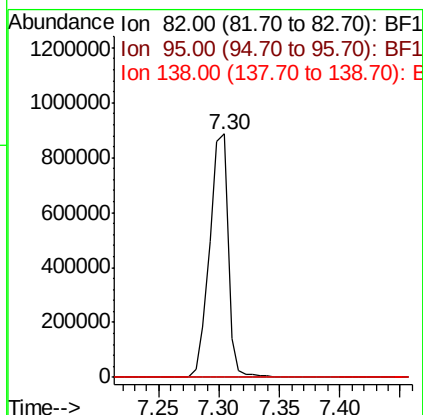
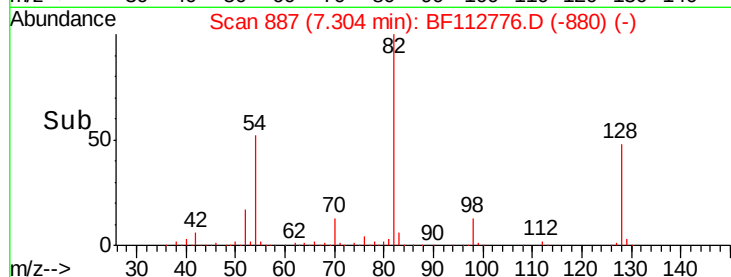
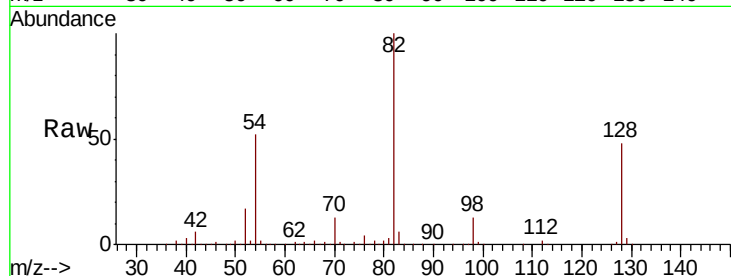
Tgt Ion: 82 Resp: 931279

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



#31

Naphthalene

Concen: 0.014 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

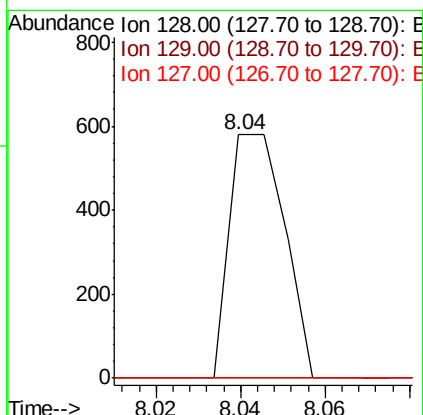
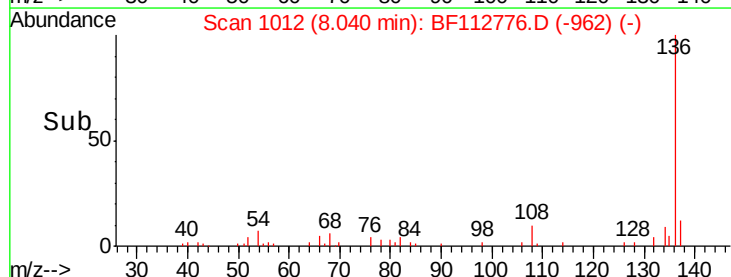
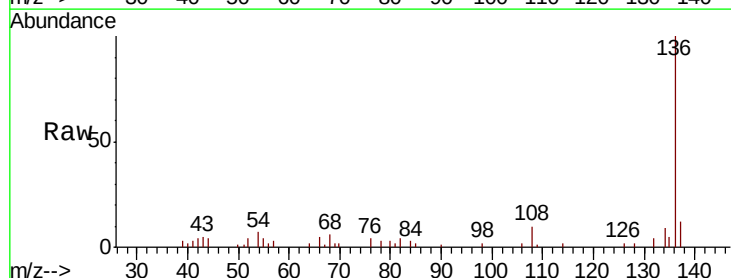
Tgt Ion: 128 Resp: 526

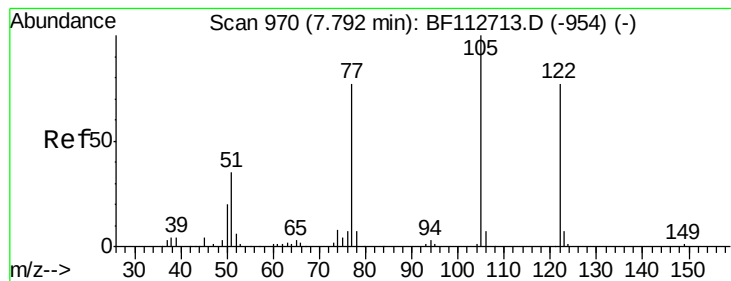
Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

127 0.0 10.9 16.3#





#32

Benzoic acid

Concen: 0.018 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.24 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Instrument :

BNA_F

ClientSampleId :

SR-9-D

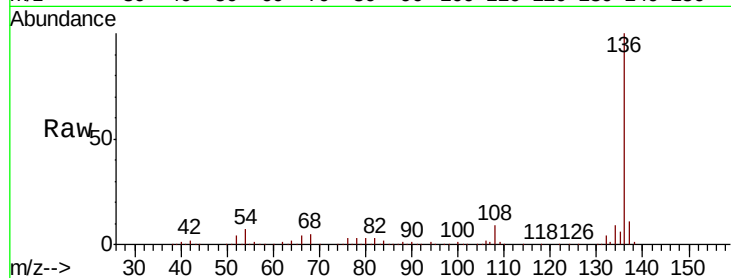
Tgt Ion:122 Resp: 145

Ion Ratio Lower Upper

122 100

105 140.2 106.8 146.8

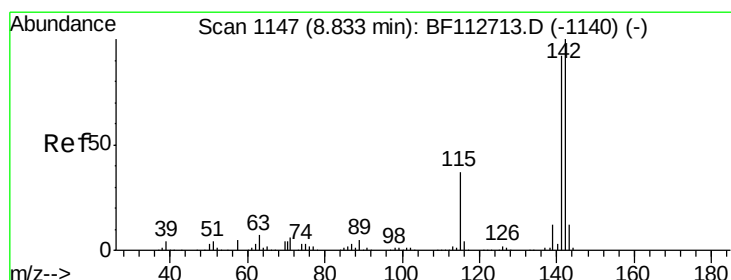
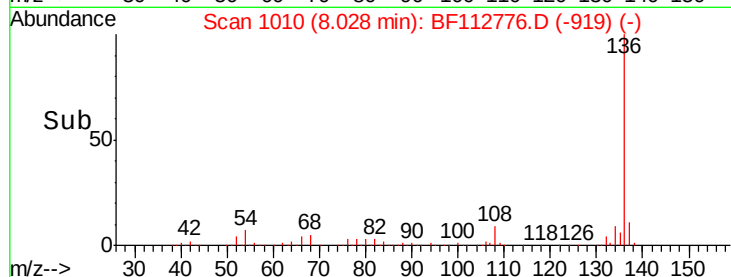
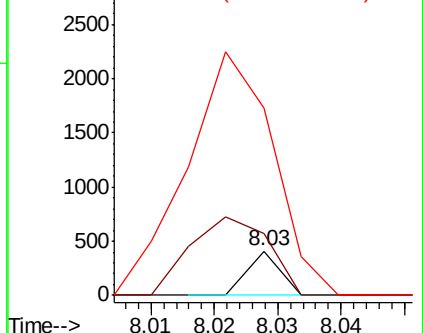
77 423.2 79.4 119.4#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

1-Methylnaphthalene

Concen: 0.029 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.26 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

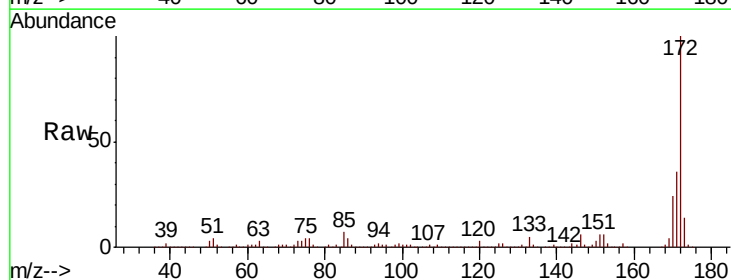
Tgt Ion:142 Resp: 705

Ion Ratio Lower Upper

142 100

141 87.8 73.7 110.5

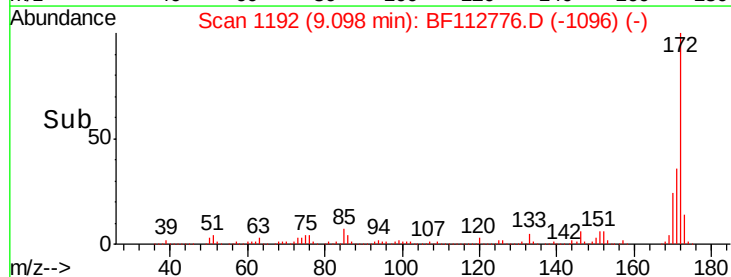
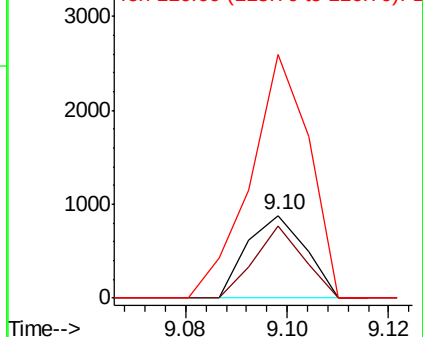
116 295.6 3.1 4.7#

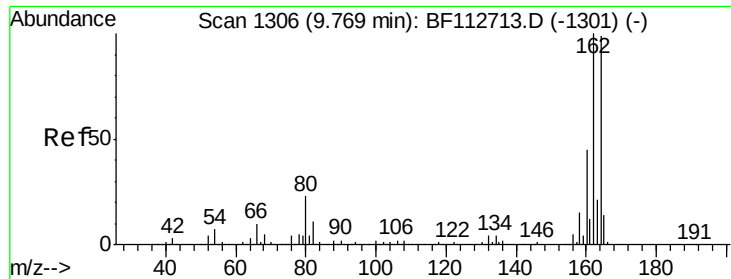


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

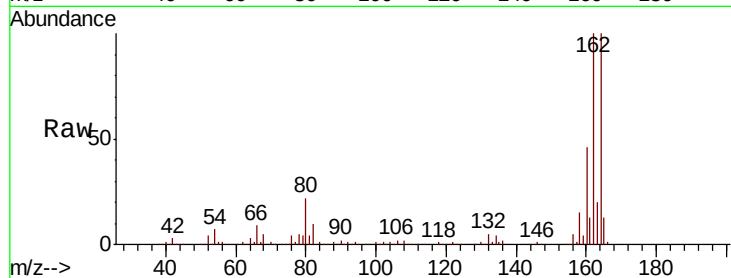




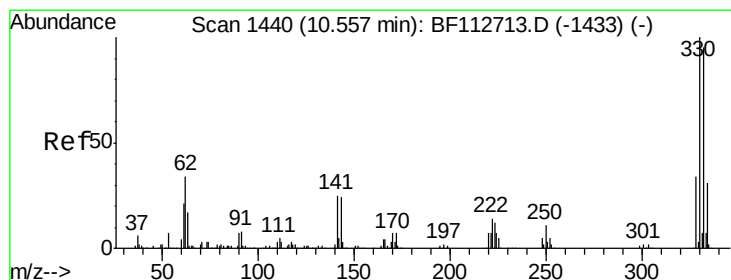
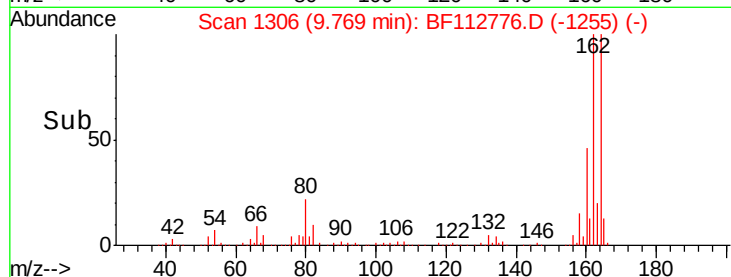
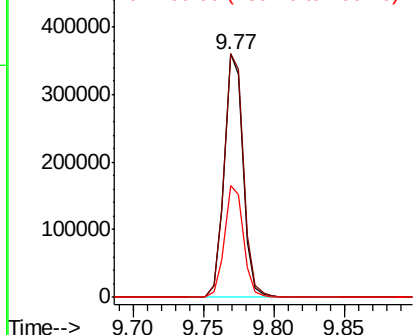
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Instrument :
BNA_F
ClientSampleId :
SR-9-D

Tgt Ion:164 Resp: 333711
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 45.8 36.0 54.0

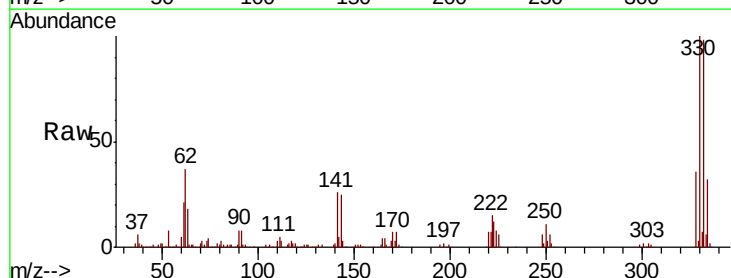


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

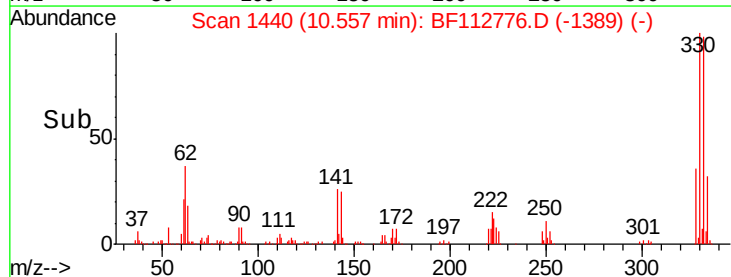
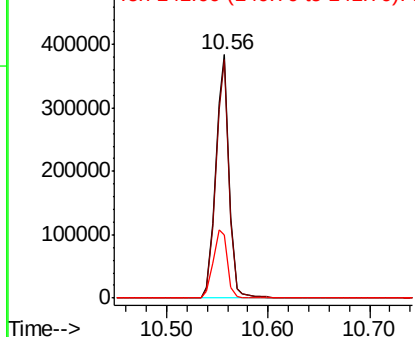


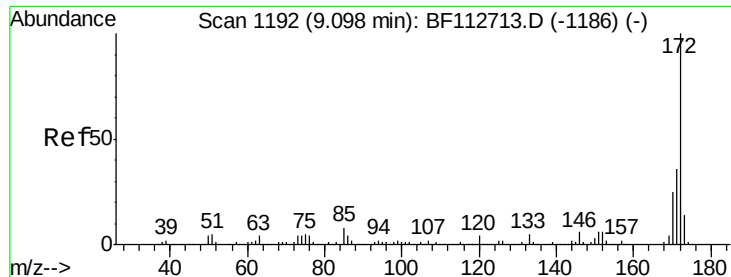
#42
2,4,6-Tribromophenol
Concen: 98.835 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion:330 Resp: 350148
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 30.0 27.0 40.6



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

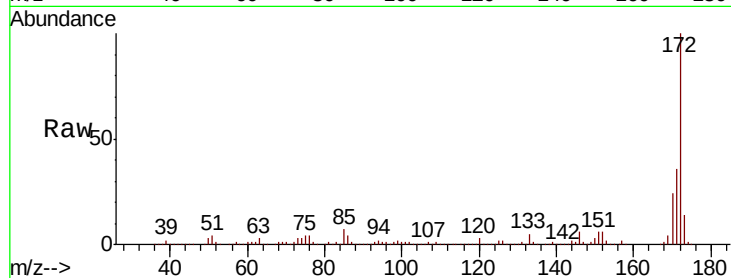




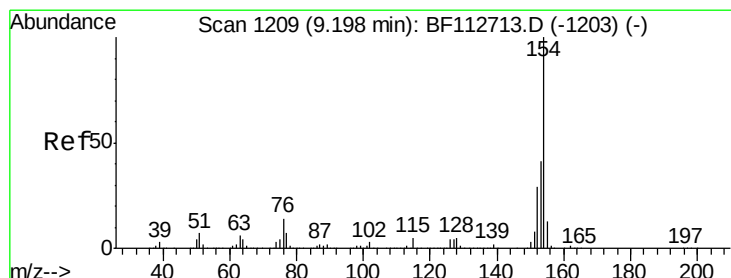
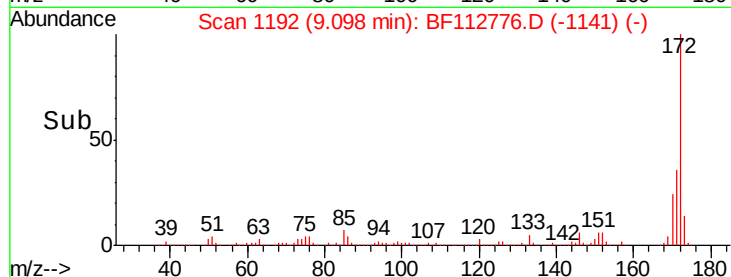
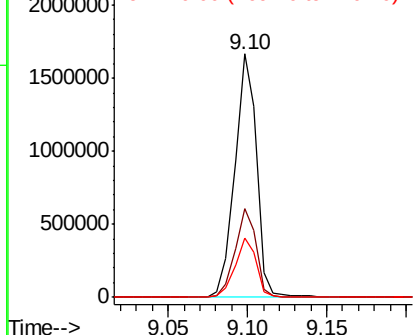
#45
2-Fluorobiphenyl
Concen: 80.650 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Instrument :
BNA_F
ClientSampleId :
SR-9-D

Tgt Ion:172 Resp: 1581407
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.4 20.0 30.0

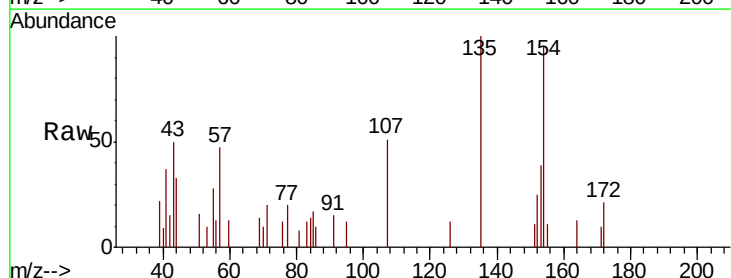


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

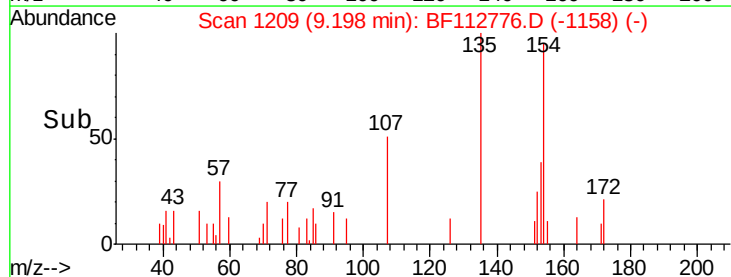
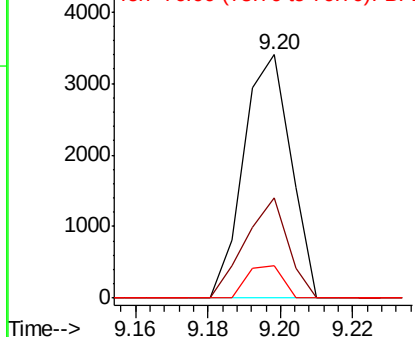


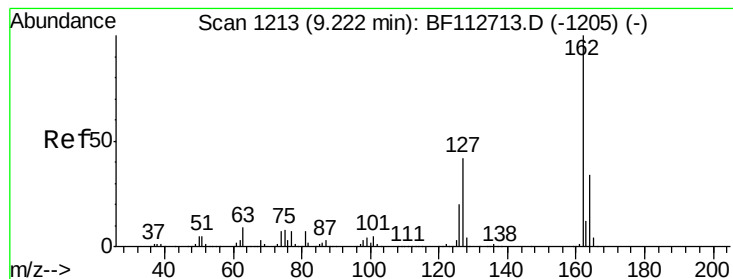
#46
1,1'-Biphenyl
Concen: 0.113 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion:154 Resp: 3073
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 13.1 0.0 33.8



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





#47

2-Chloronaphthalene

Concen: 0.032 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.26 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Instrument :

BNA_F

ClientSampleId :

SR-9-D

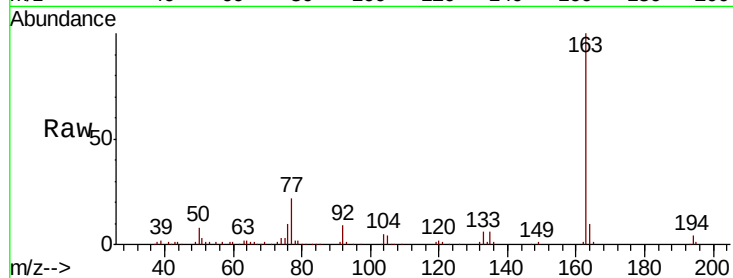
Tgt Ion:162 Resp: 672

Ion Ratio Lower Upper

162 100

127 0.0 33.4 50.2#

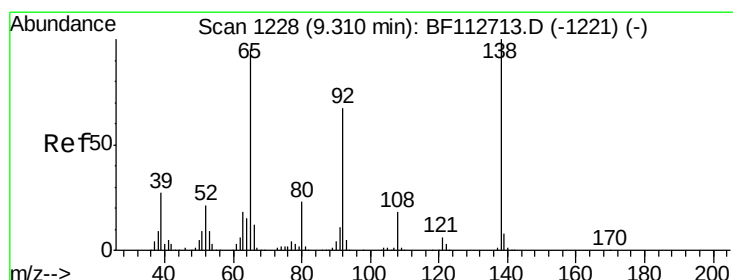
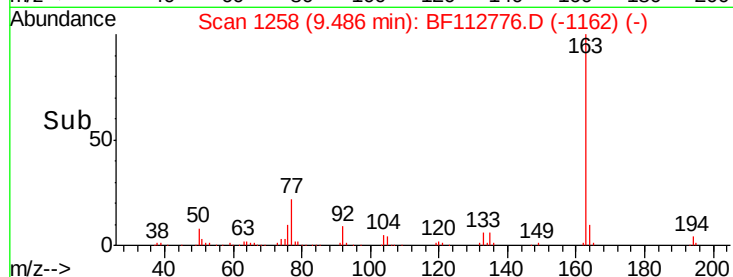
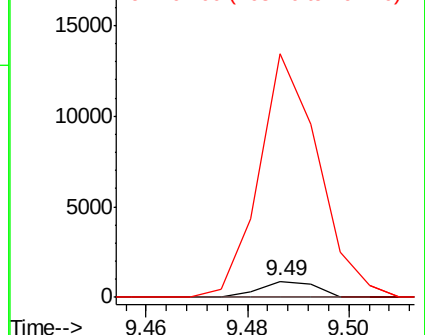
164 1508.0 26.9 40.3#



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: 0.176 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.18 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

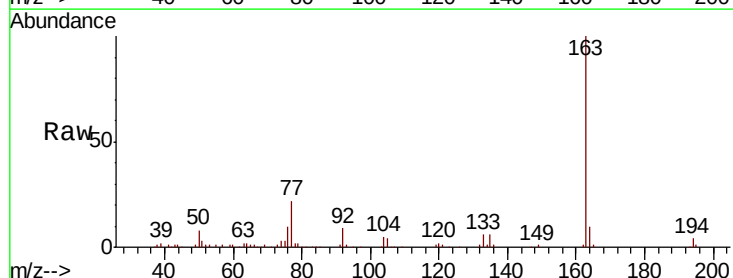
Tgt Ion: 65 Resp: 1140

Ion Ratio Lower Upper

65 100

92 964.3 56.4 84.6#

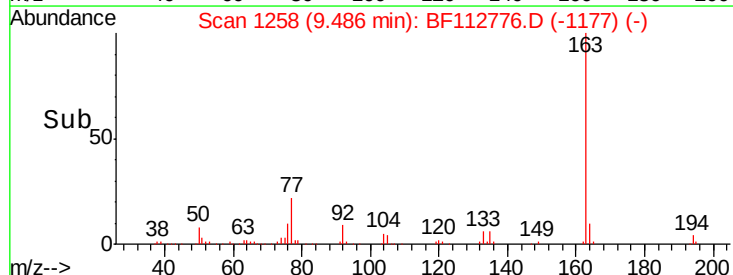
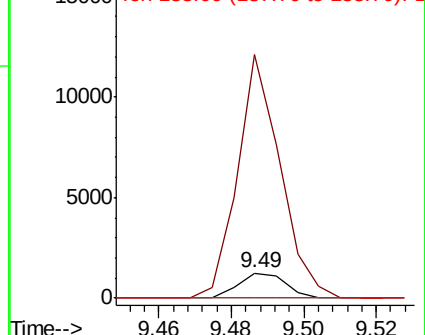
138 0.0 84.6 126.8#

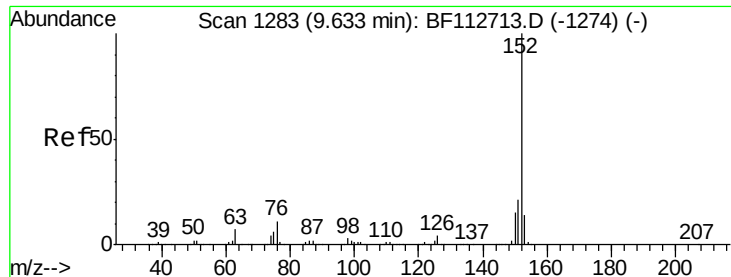


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.025 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Instrument :

BNA_F

ClientSampleId :

SR-9-D

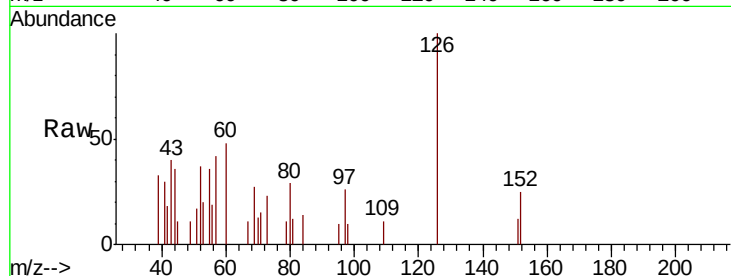
Tgt Ion:152 Resp: 902

Ion Ratio Lower Upper

152 100

151 47.4 16.9 25.3#

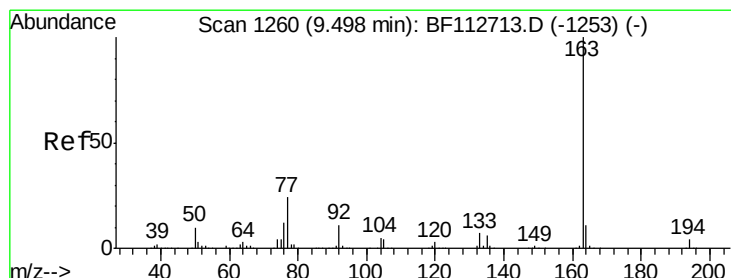
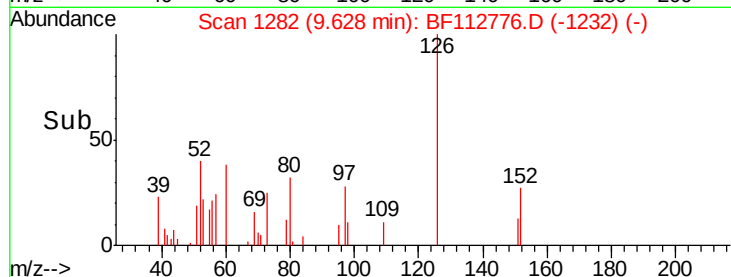
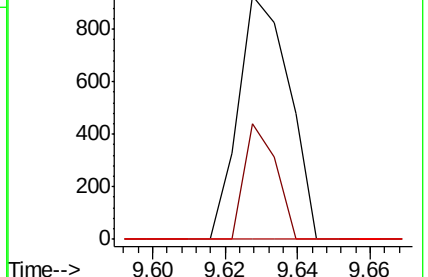
153 0.0 11.0 16.6#



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: 4.542 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

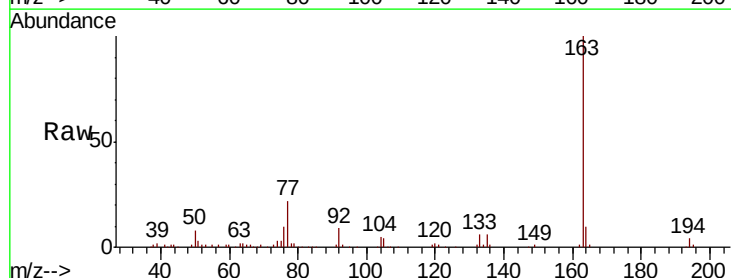
Tgt Ion:163 Resp: 111769

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

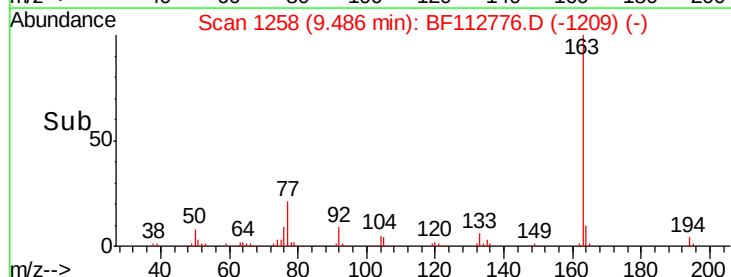
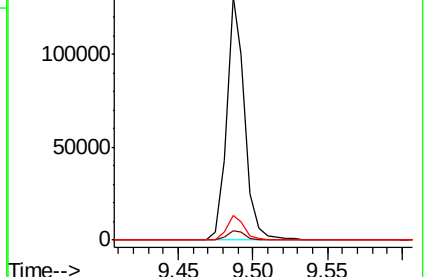
164 10.3 8.4 12.6

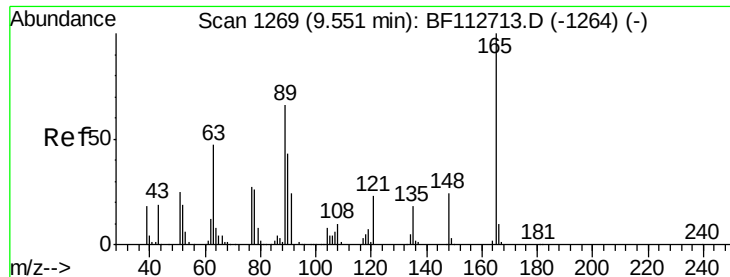


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

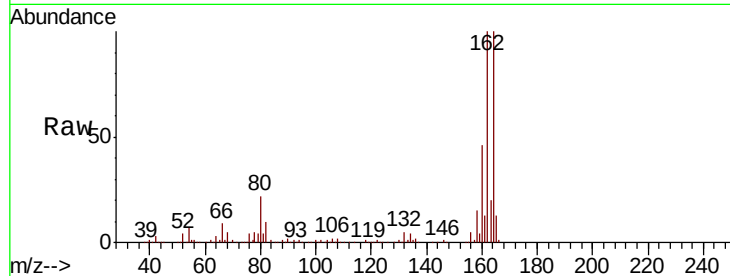




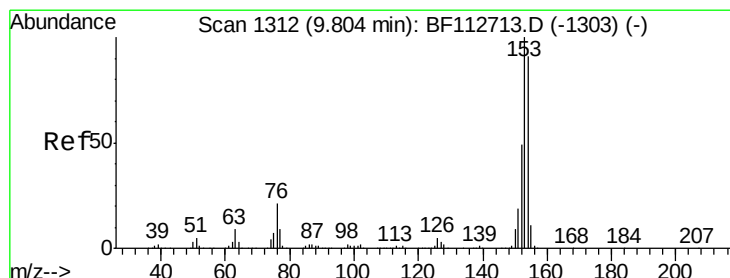
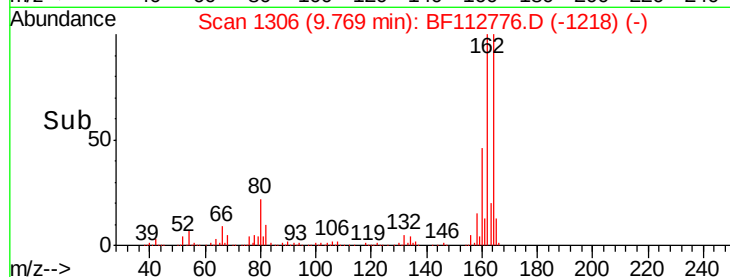
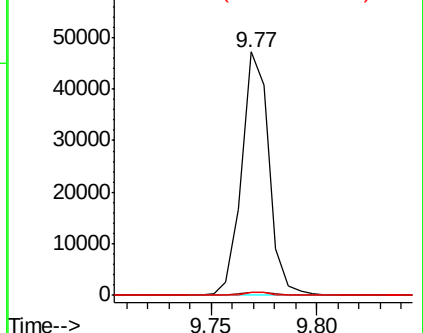
#51
 2,6-Dinitrotoluene
 Concen: 8.236 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF112776.D
 Acq: 28 Feb 2019 22:12

Instrument :
 BNA_F
 ClientSampleId :
 SR-9-D

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	54.1	81.1#
89	1.3	52.8	79.2#

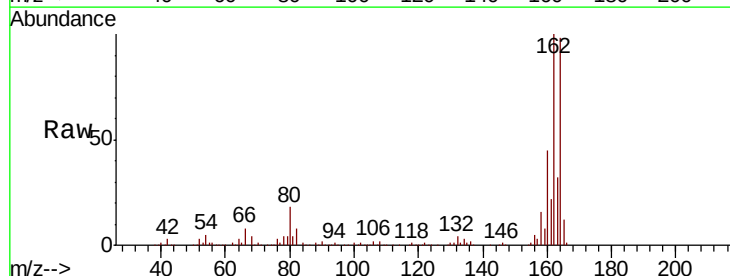


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

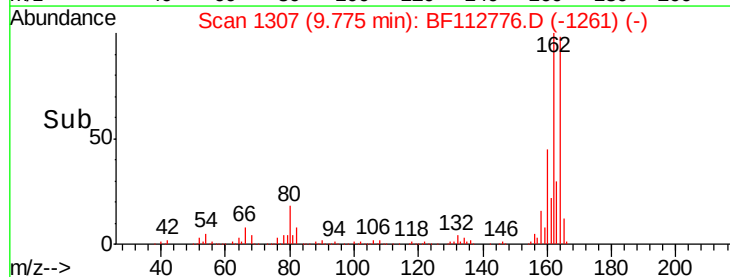
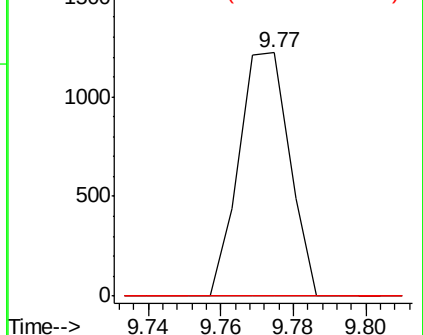


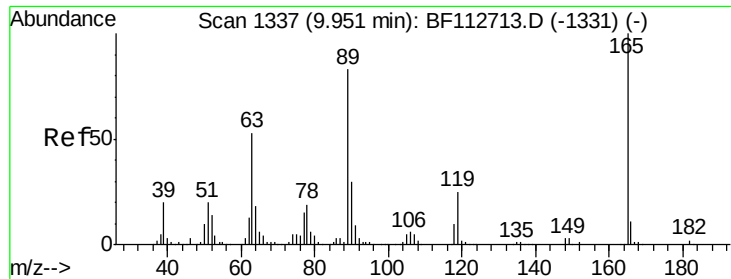
#52
 Acenaphthene
 Concen: 0.056 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BF112776.D
 Acq: 28 Feb 2019 22:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.8	131.8#
152	0.0	43.0	64.6#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

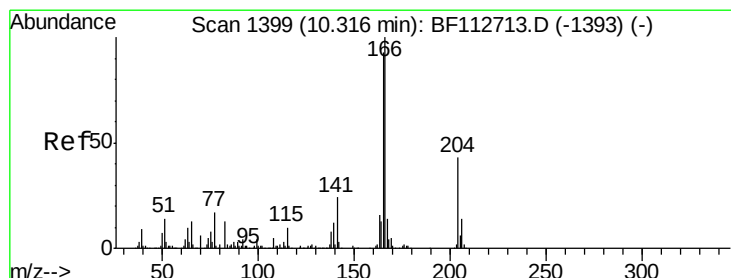
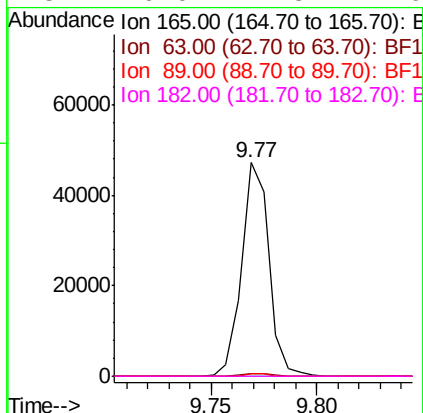
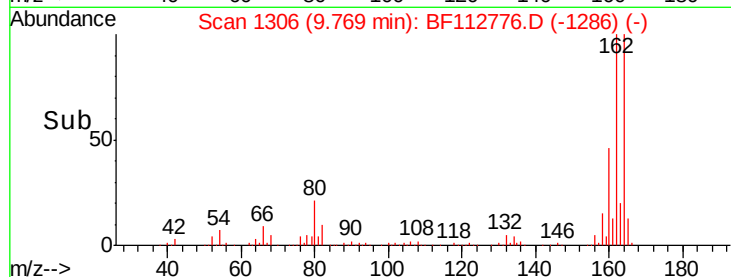
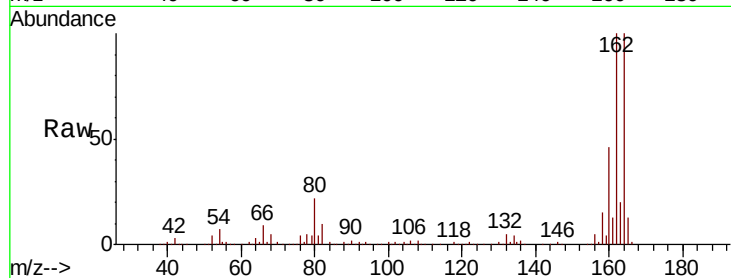




#57
 2,4-Dinitrotoluene
 Concen: 6.626 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.18 min
 Lab File: BF112776.D
 Acq: 28 Feb 2019 22:12

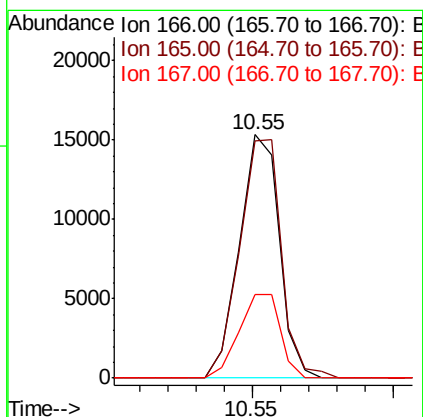
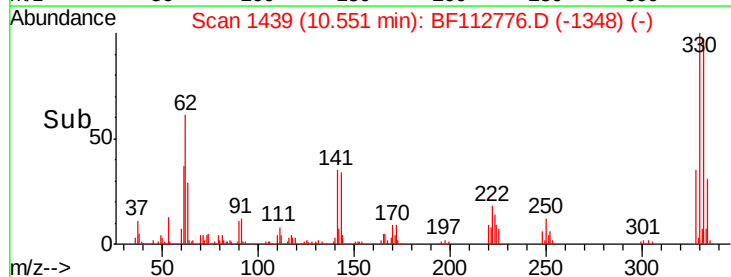
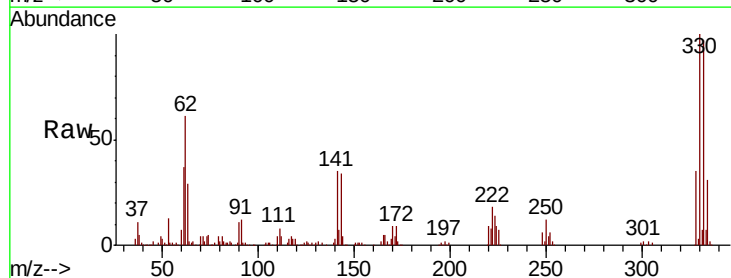
Instrument :
 BNA_F
 ClientSampleId :
 SR-9-D

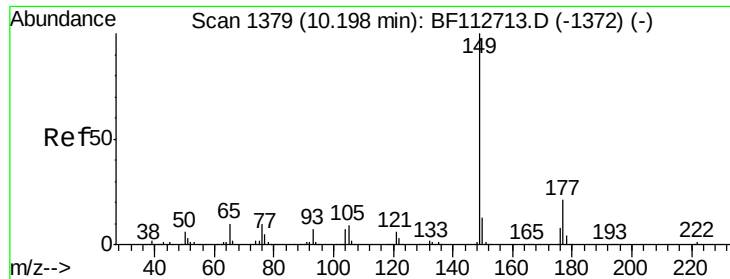
Tgt Ion:	165	Resp:	42201
Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#



#58
 Fluorene
 Concen: 0.690 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.24 min
 Lab File: BF112776.D
 Acq: 28 Feb 2019 22:12

Tgt Ion:	166	Resp:	15022
Ion	Ratio	Lower	Upper
166	100		
165	97.6	74.7	112.1
167	34.2	11.0	16.6#

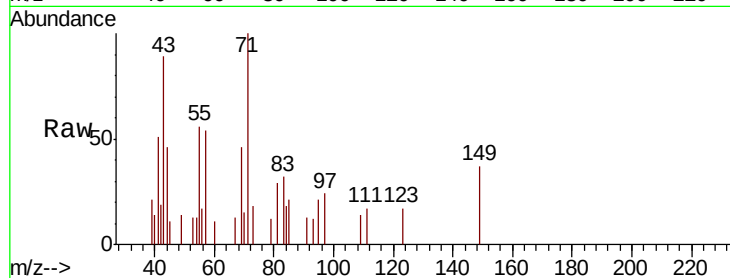




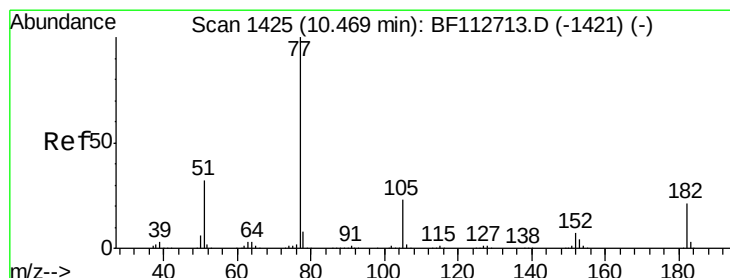
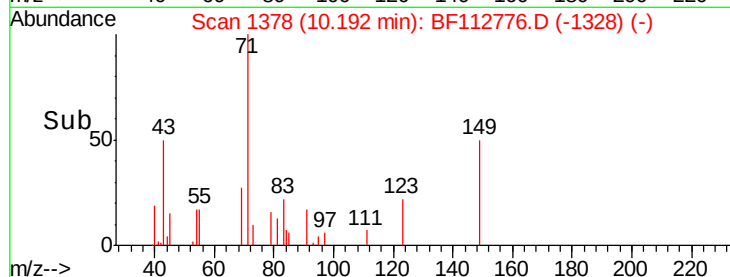
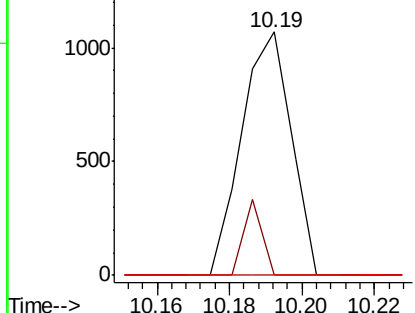
#60
Diethylphthalate
Concen: 0.039 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Instrument :
BNA_F
ClientSampleId :
SR-9-D

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.0	25.6#
150	0.0	10.0	15.0#

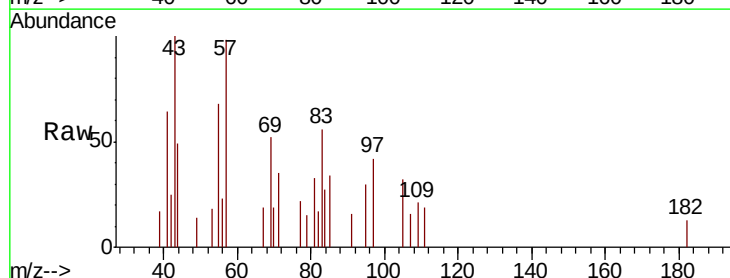


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

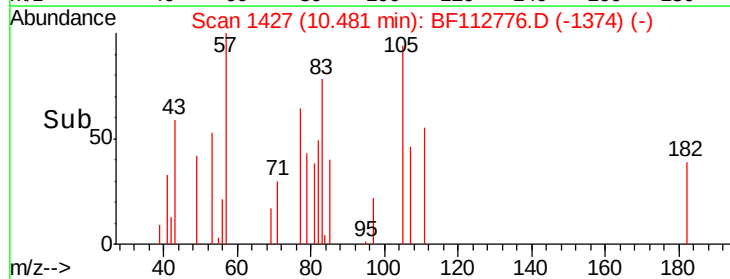
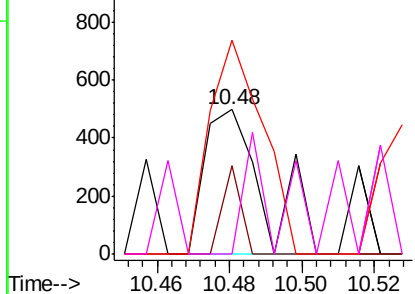


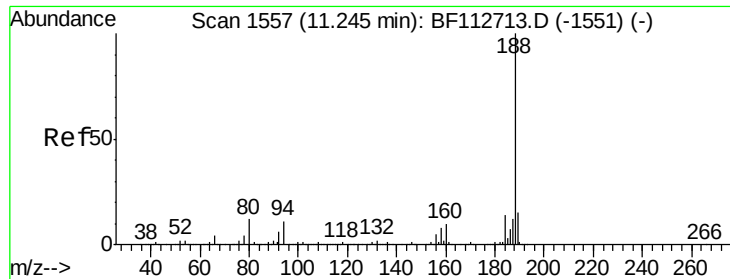
#63
Azobenzene
Concen: 0.021 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	61.4	1.4	41.4#
105	148.0	2.6	42.6#
51	0.0	12.0	52.0#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Instrument :

BNA_F

ClientSampleId :

SR-9-D

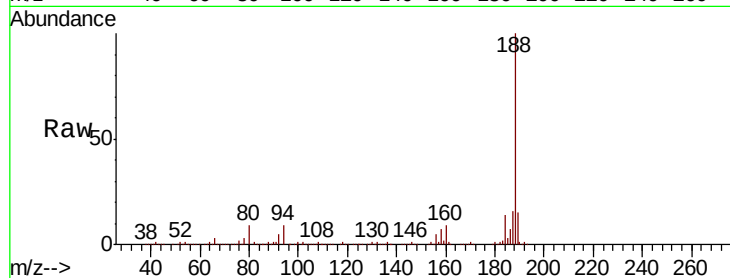
Tgt Ion:188 Resp: 549985

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

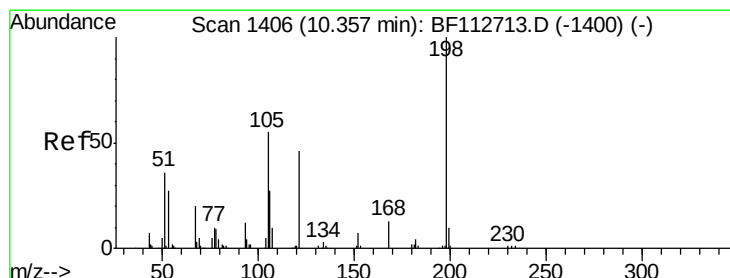
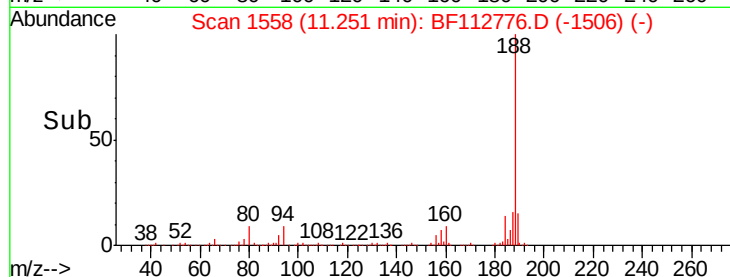
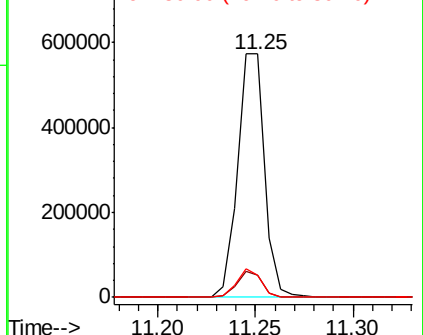
80 8.9 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 4.896 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

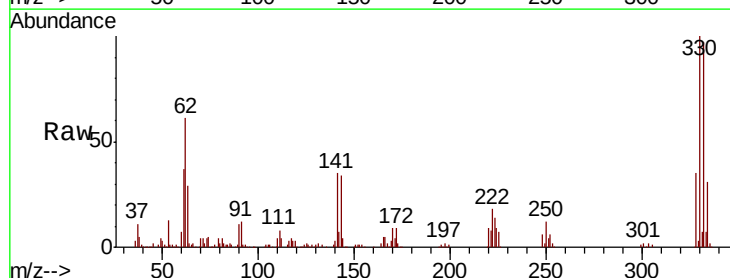
Tgt Ion:198 Resp: 707

Ion Ratio Lower Upper

198 100

51 211.2 43.8 83.8#

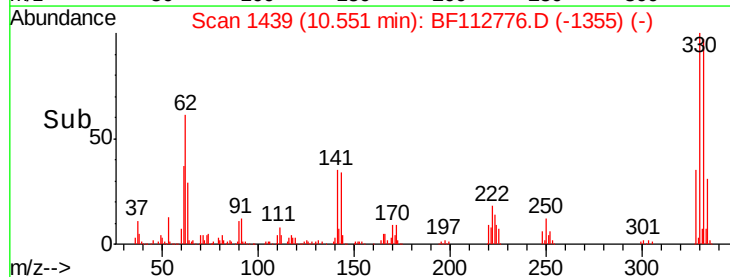
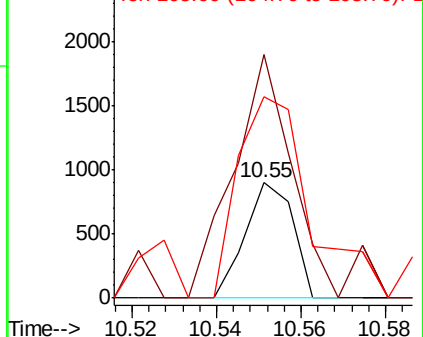
105 174.4 36.5 76.5#

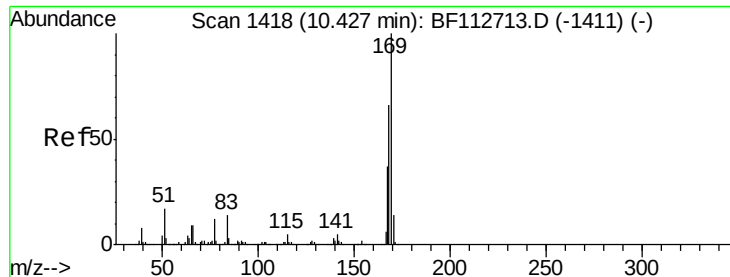


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

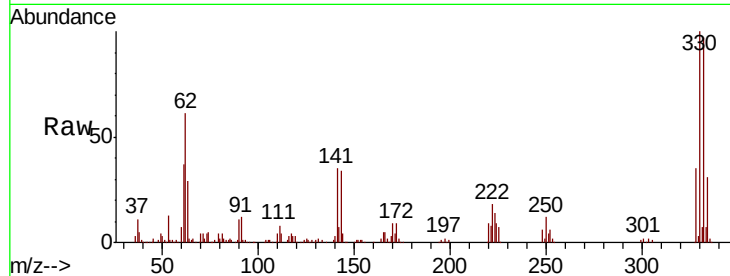




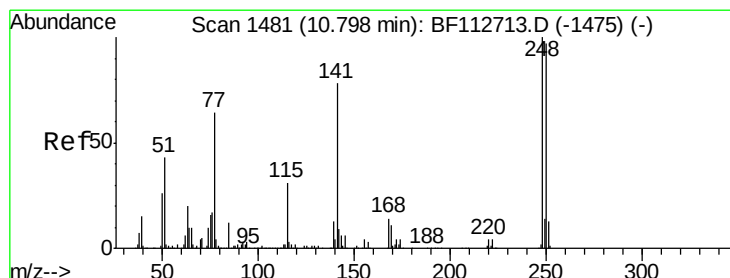
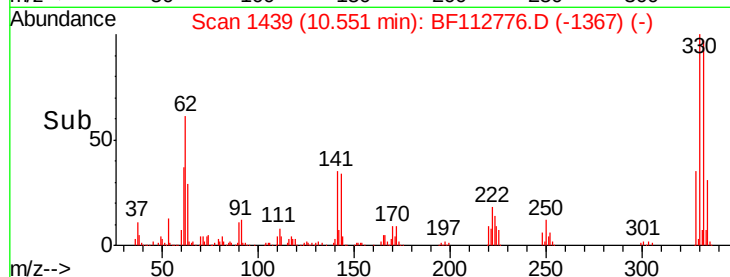
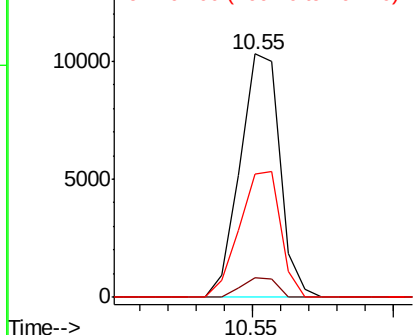
#66
 n-Nitrosodiphenylamine
 Concen: 0.572 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.12 min
 Lab File: BF112776.D
 Acq: 28 Feb 2019 22:12

Instrument :
 BNA_F
 ClientSampleId :
 SR-9-D

Tgt Ion:169 Resp: 10086
 Ion Ratio Lower Upper
 169 100
 168 8.0 53.0 79.6#
 167 50.9 29.3 43.9#

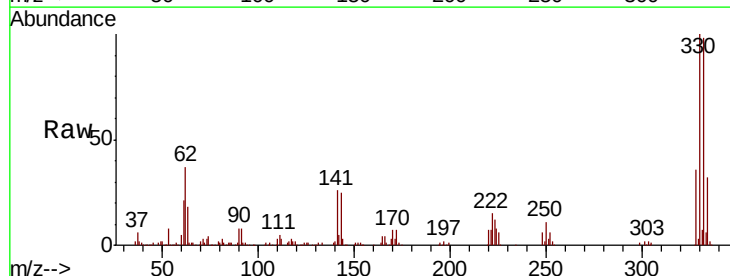


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

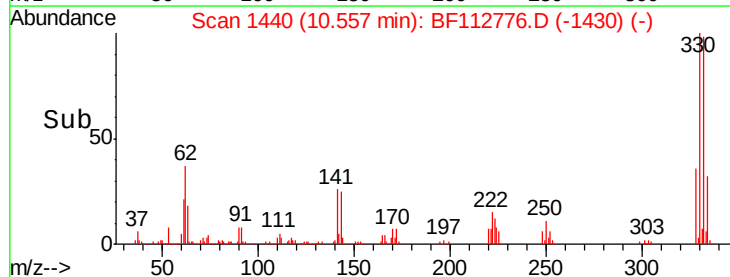
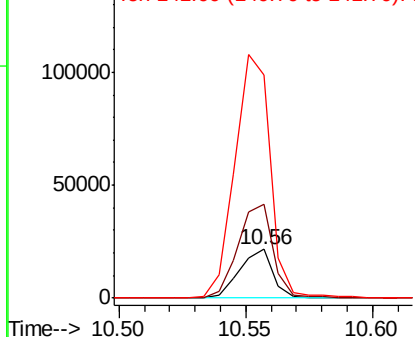


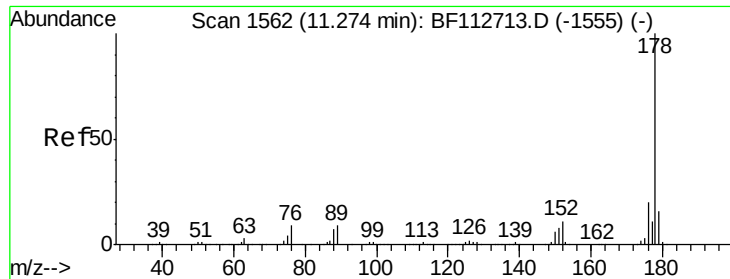
#67
 4-Bromophenyl-phenylether
 Concen: 3.419 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF112776.D
 Acq: 28 Feb 2019 22:12

Tgt Ion:248 Resp: 19804
 Ion Ratio Lower Upper
 248 100
 250 193.6 77.5 116.3#
 141 459.1 62.4 93.6#



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

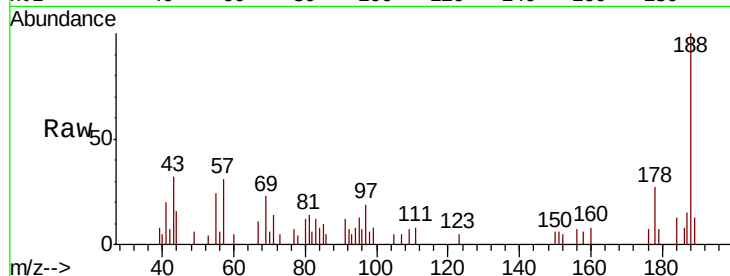




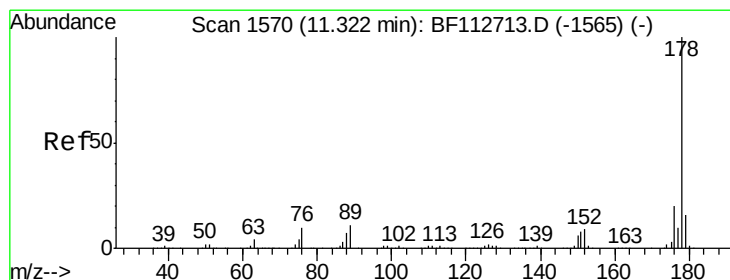
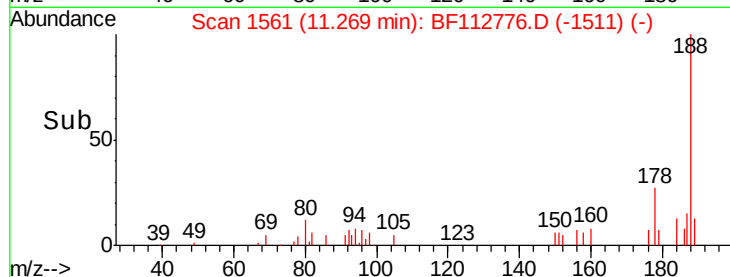
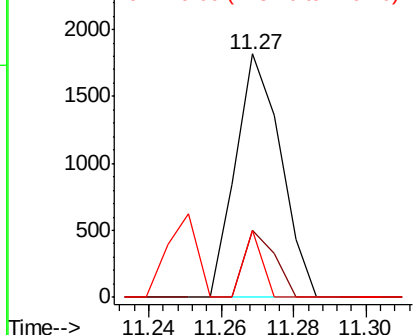
#71
Phenanthrene
Concen: 0.057 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Instrument :
BNA_F
ClientSampleId :
SR-9-D

Tgt Ion:178 Resp: 1572
Ion Ratio Lower Upper
178 100
176 27.3 16.3 24.5#
179 27.5 12.7 19.1#

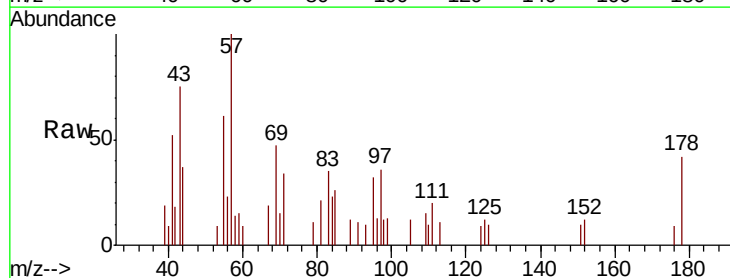


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

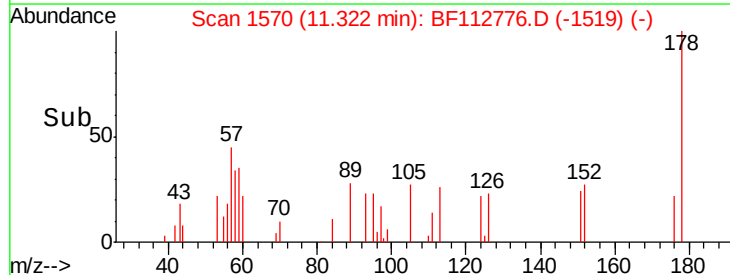
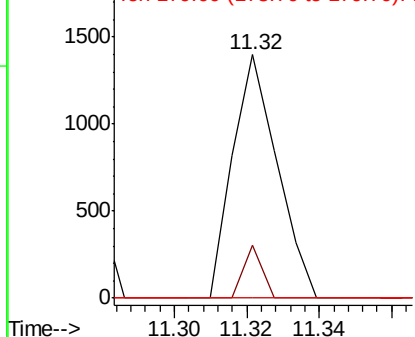


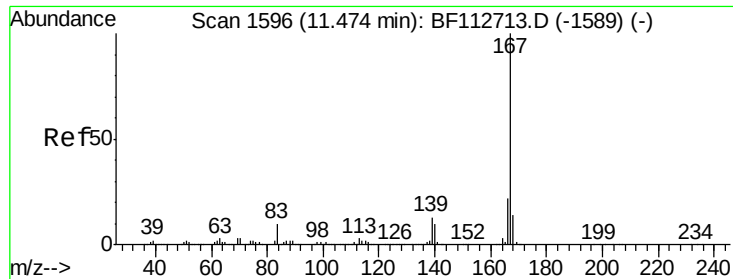
#72
Anthracene
Concen: 0.042 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion:178 Resp: 1193
Ion Ratio Lower Upper
178 100
176 21.9 15.8 23.6
179 0.0 13.0 19.6#



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: 0.008 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Instrument :

BNA_F

ClientSampleId :

SR-9-D

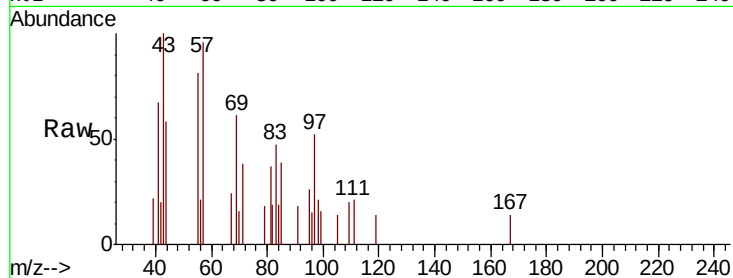
Tgt Ion:167 Resp: 236

Ion Ratio Lower Upper

167 100

166 0.0 17.5 26.3#

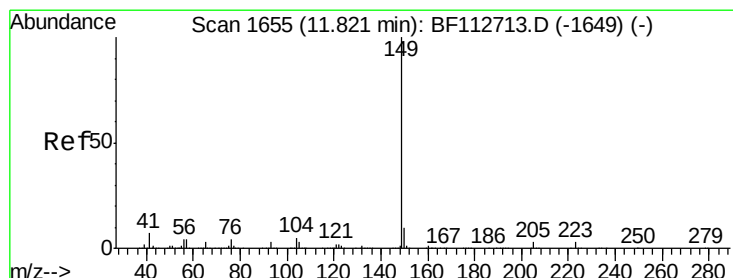
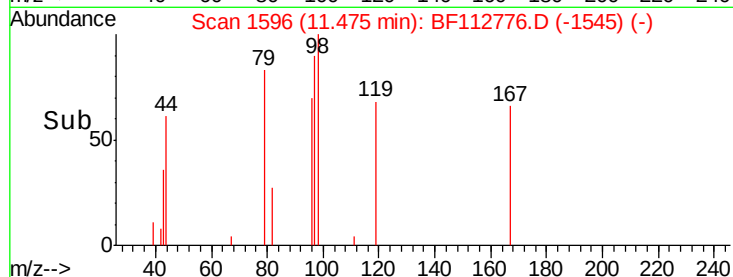
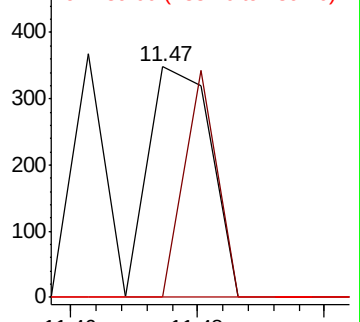
139 0.0 10.8 16.2#



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



#74

Di-n-butylphthalate

Concen: 0.131 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

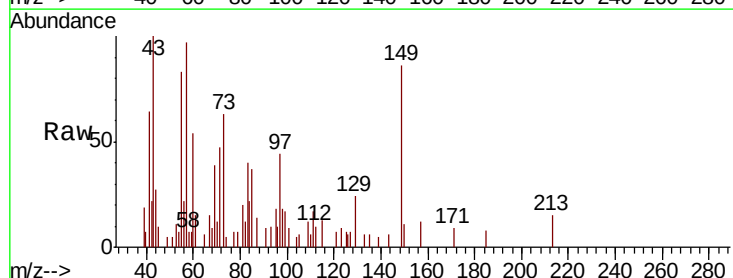
Tgt Ion:149 Resp: 4382

Ion Ratio Lower Upper

149 100

150 12.8 7.6 11.4#

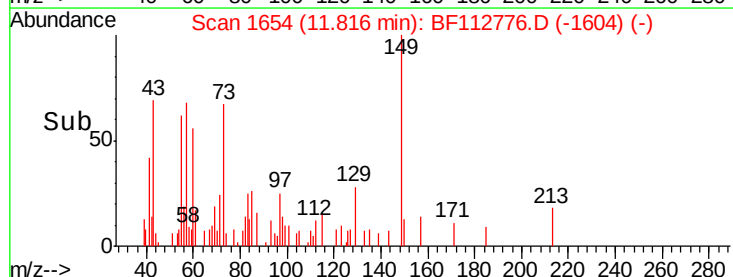
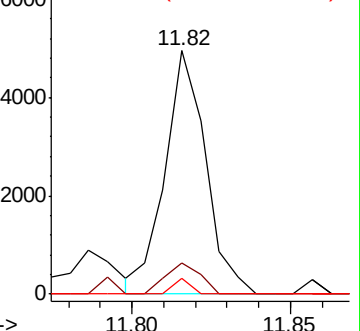
104 6.2 3.7 5.5#

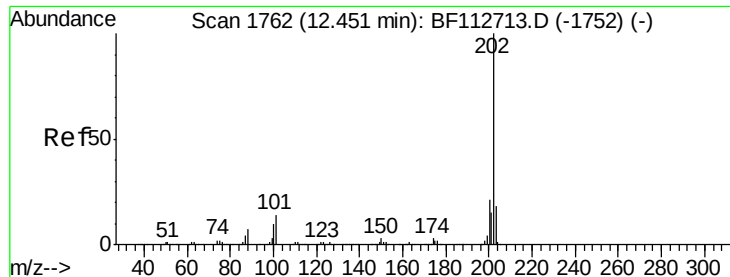


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.201 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Instrument :

BNA_F

ClientSampleId :

SR-9-D

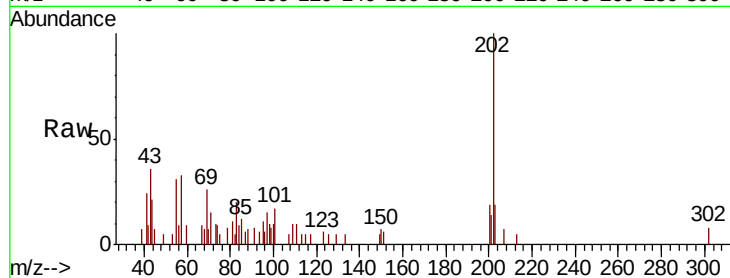
Tgt Ion:202 Resp: 5902

Ion Ratio Lower Upper

202 100

101 16.8 0.0 33.8

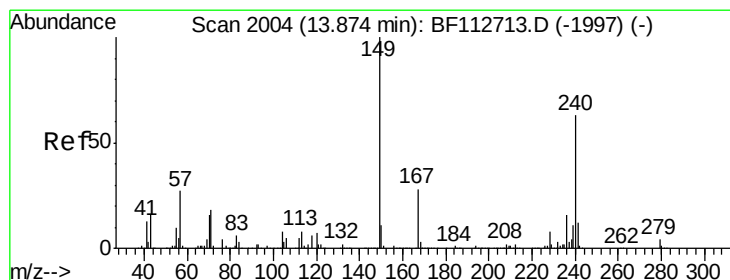
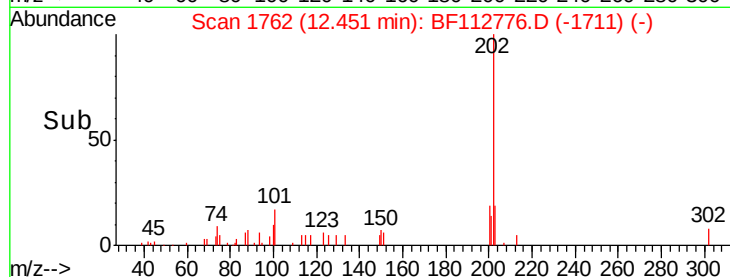
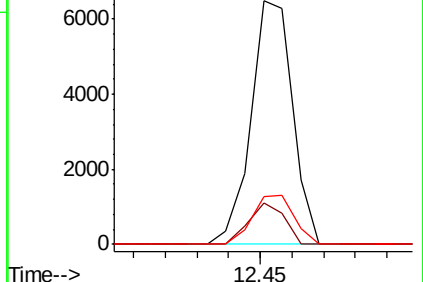
203 19.4 0.0 38.4



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: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

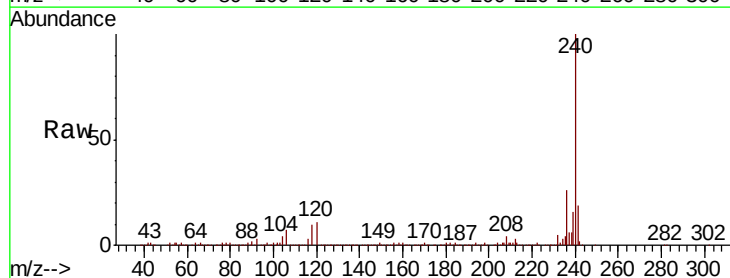
Tgt Ion:240 Resp: 513876

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

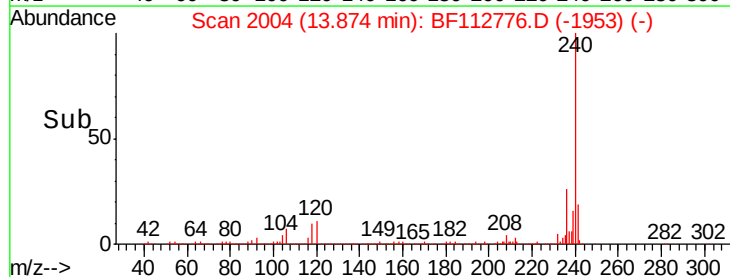
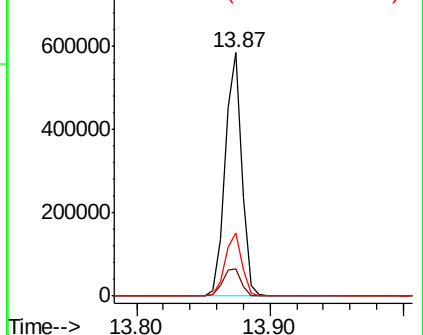
236 26.1 20.7 31.1

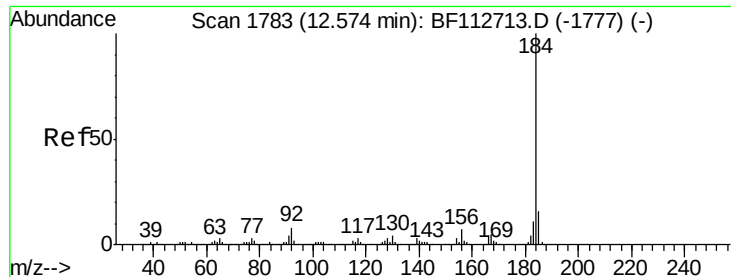


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.607 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.26 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Instrument :

BNA_F

ClientSampleId :

SR-9-D

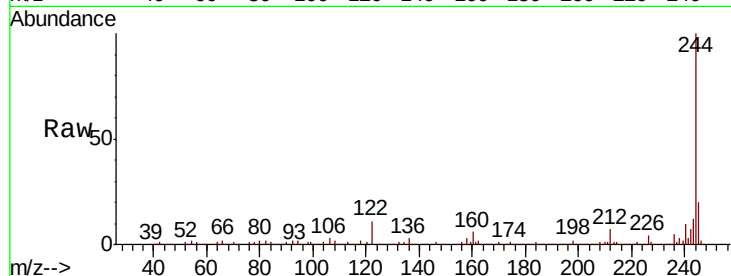
Tgt Ion:184 Resp: 16180

Ion Ratio Lower Upper

184 100

185 17.9 12.6 18.8

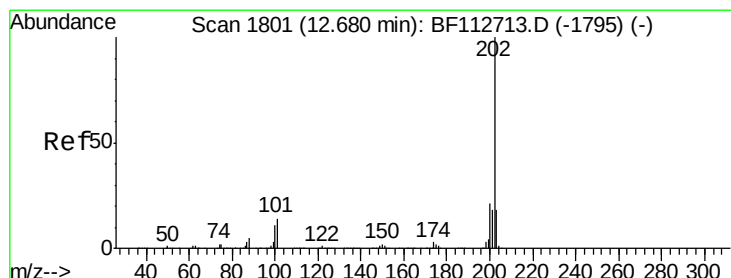
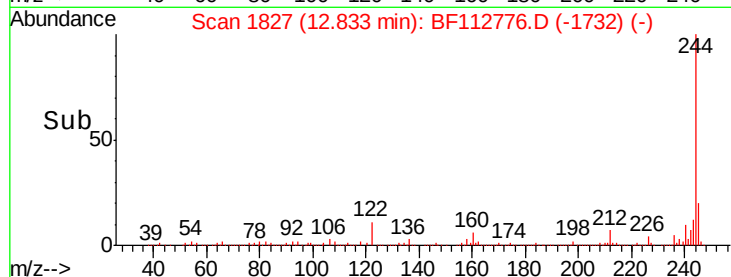
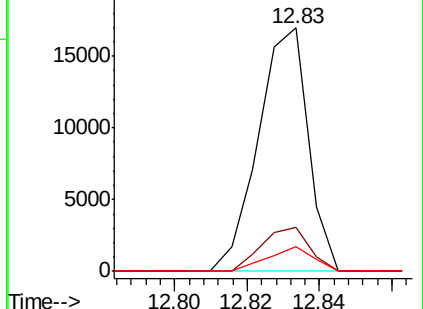
183 10.3 8.6 12.8



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: 0.153 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

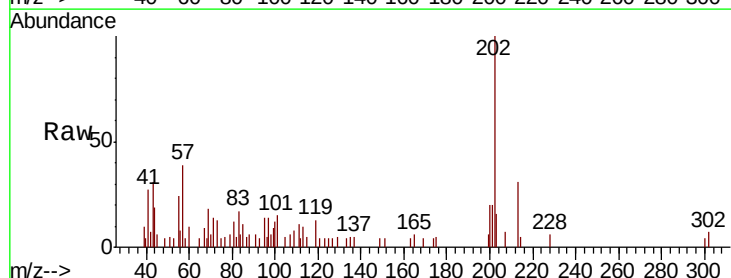
Tgt Ion:202 Resp: 6633

Ion Ratio Lower Upper

202 100

200 19.6 17.0 25.4

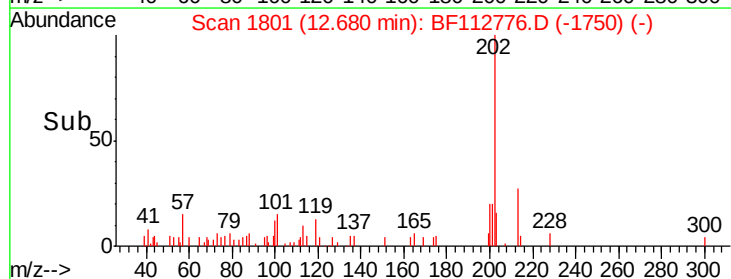
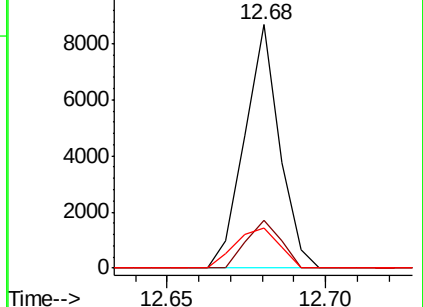
203 16.4 14.4 21.6

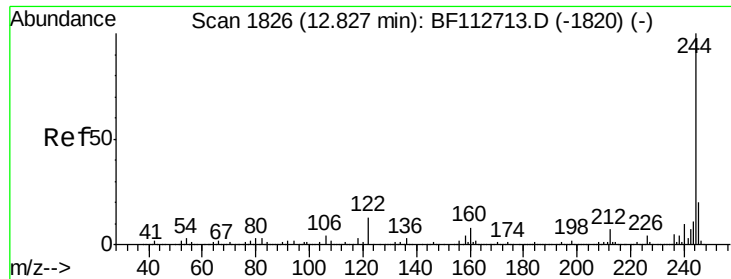


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

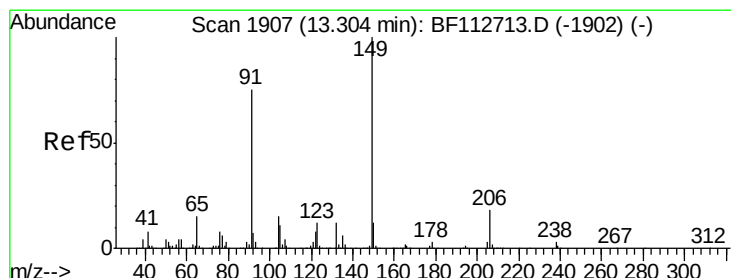
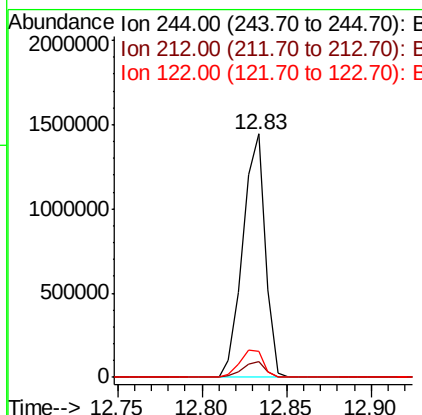
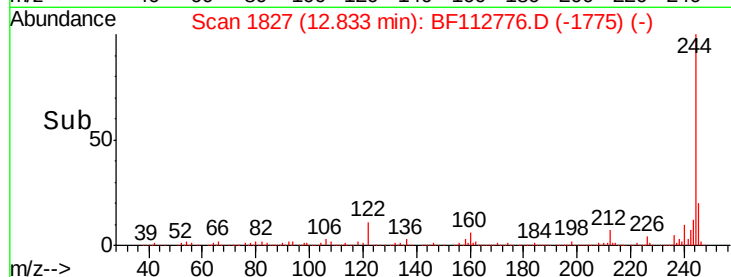
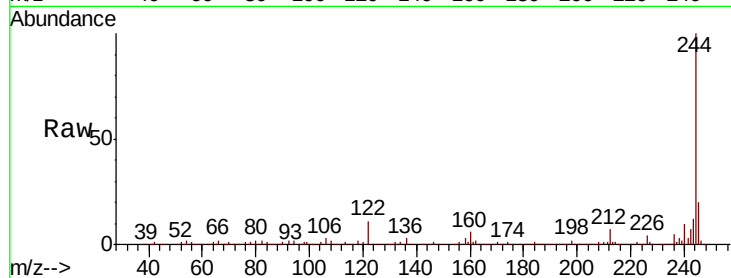




#79
 Terphenyl-d14
 Concen: 50.676 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112776.D
 Acq: 28 Feb 2019 22:12

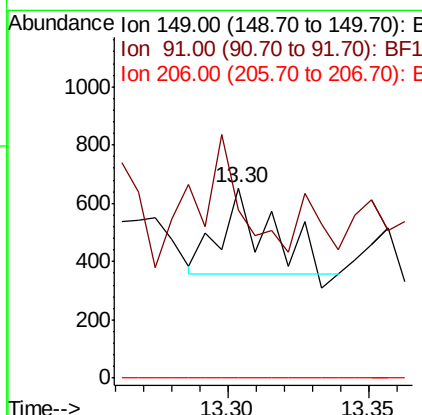
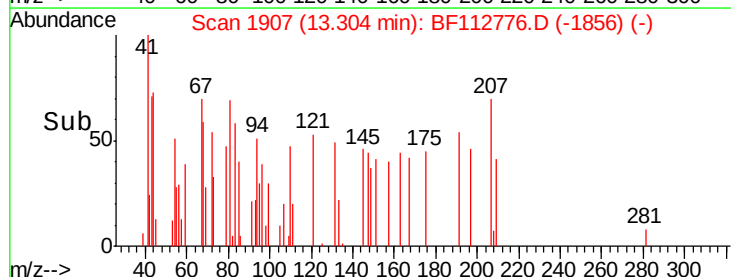
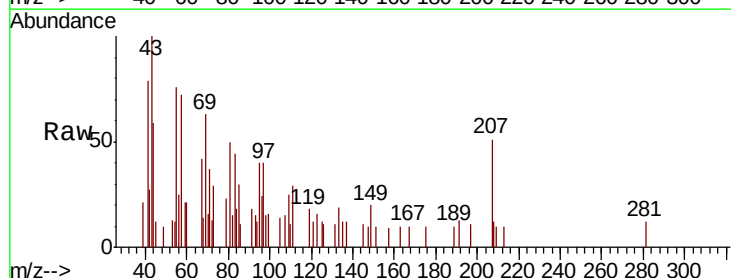
Instrument :
 BNA_F
 ClientSampleId :
 SR-9-D

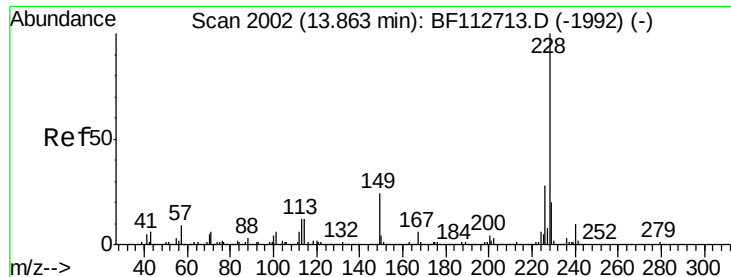
Tgt Ion: 244 Resp: 1343373
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.6 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 0.018 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF112776.D
 Acq: 28 Feb 2019 22:12

Tgt Ion: 149 Resp: 344
 Ion Ratio Lower Upper
 149 100
 91 88.1 59.9 89.9
 206 0.0 14.7 22.1#





#81

Benzo(a)anthracene

Concen: 0.158 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

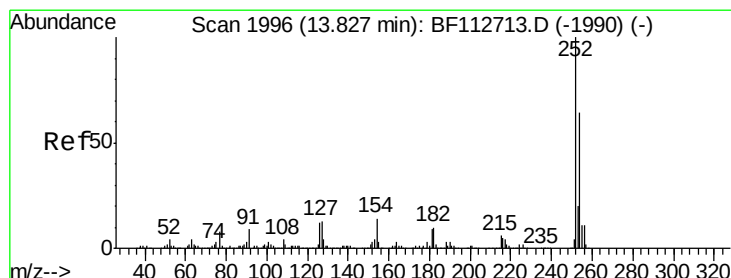
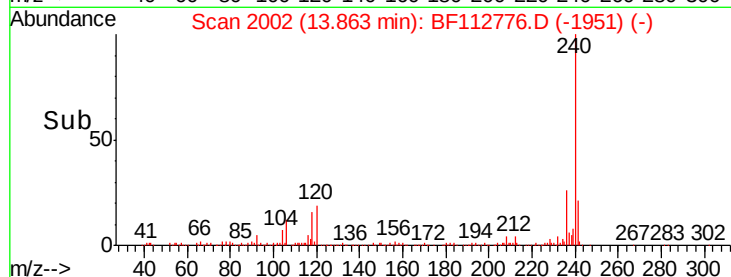
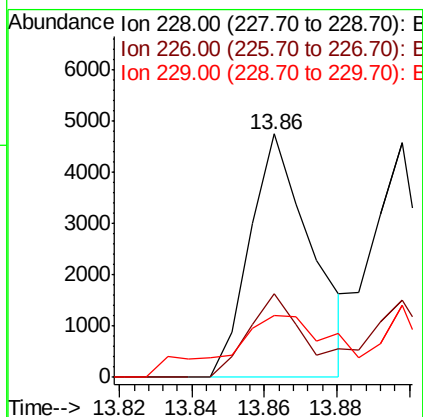
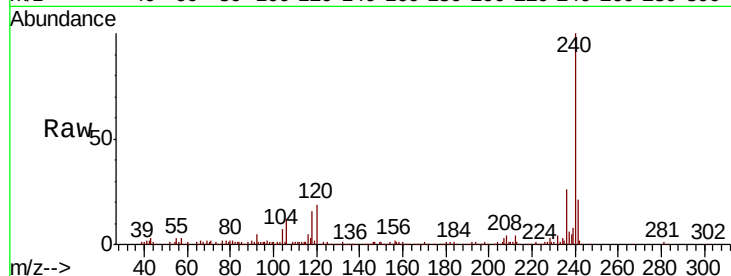
Instrument :

BNA_F

ClientSampleId :

SR-9-D

Tgt Ion:	228	Resp:	5624
Ion	Ratio	Lower	Upper
228	100		
226	34.3	22.2	33.4#
229	25.3	16.0	24.0#



#82

3,3'-Dichlorobenzidine

Concen: 0.008 ng

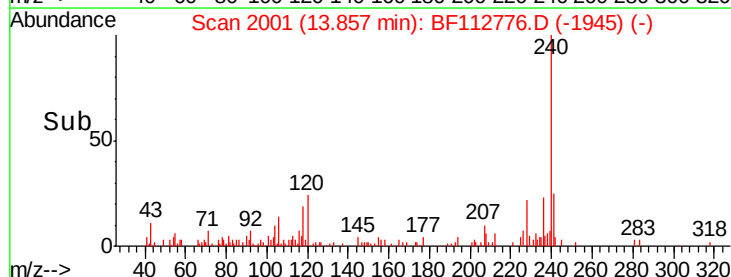
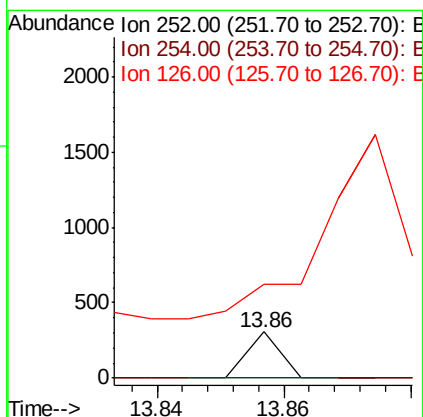
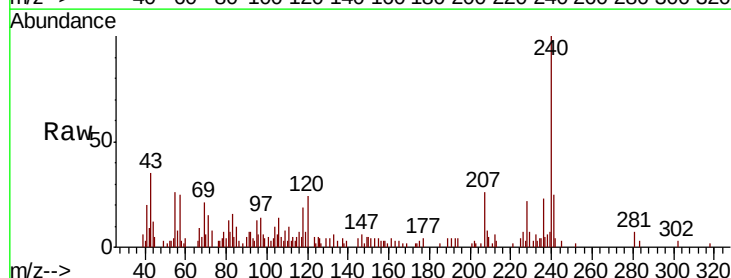
RT: 13.86 min Scan# 2001

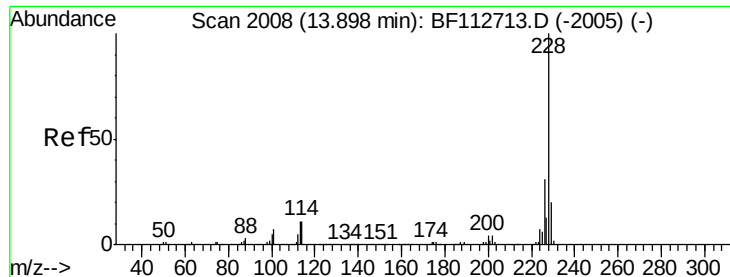
Delta R.T. 0.03 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Tgt Ion:	252	Resp:	109
Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.1	76.7#
126	201.3	9.9	14.9#





#83

Chrysene

Concen: 0.121 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Instrument :

BNA_F

ClientSampleId :

SR-9-D

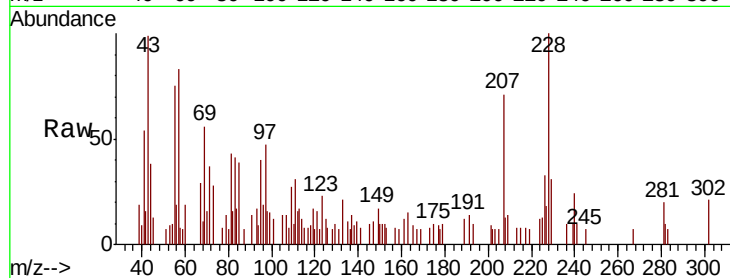
Tgt Ion:228 Resp: 4204

Ion Ratio Lower Upper

228 100

226 33.0 24.9 37.3

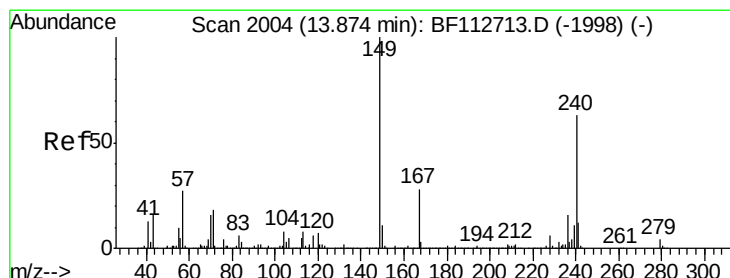
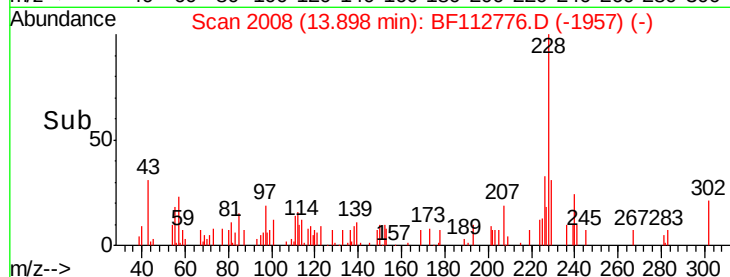
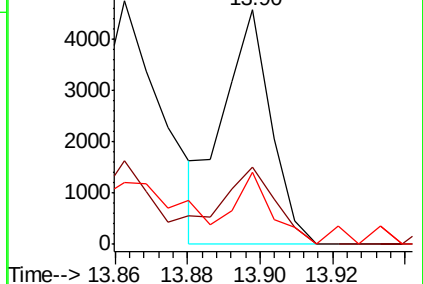
229 30.8 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.128 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

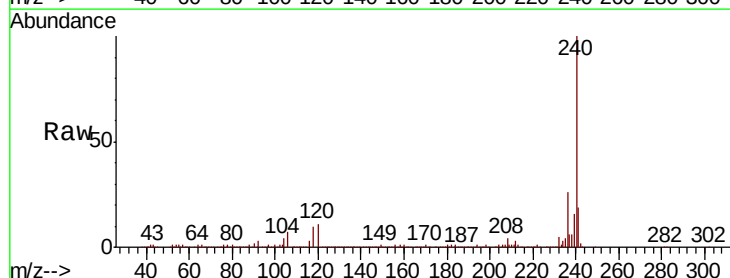
Tgt Ion:149 Resp: 2868

Ion Ratio Lower Upper

149 100

167 32.0 22.4 33.6

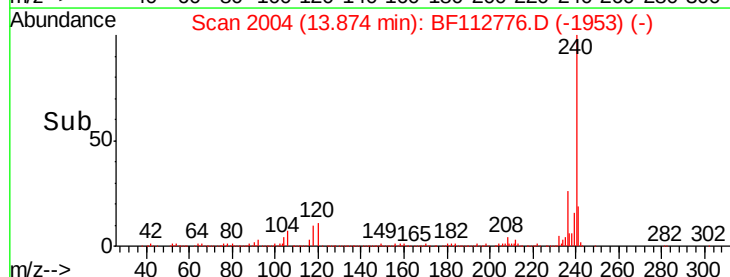
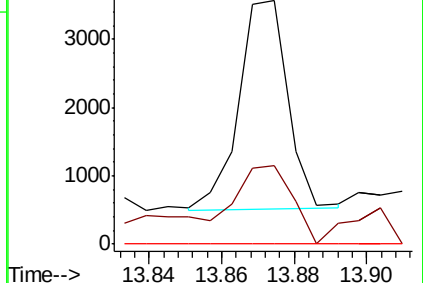
279 0.0 3.3 4.9#

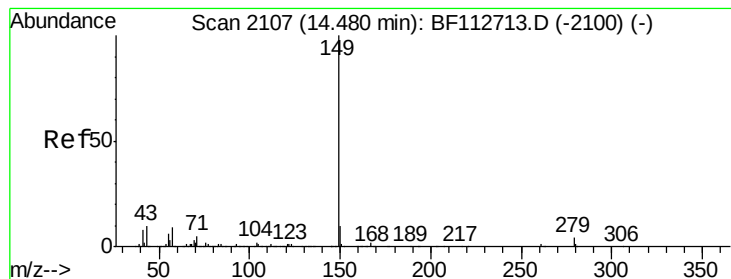


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.007 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

Instrument :

BNA_F

ClientSampleId :

SR-9-D

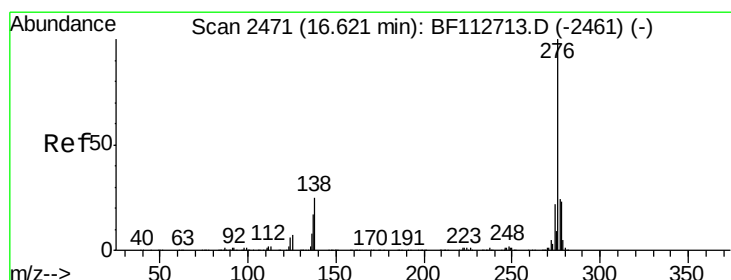
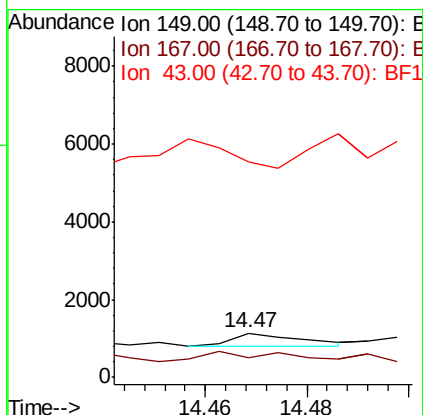
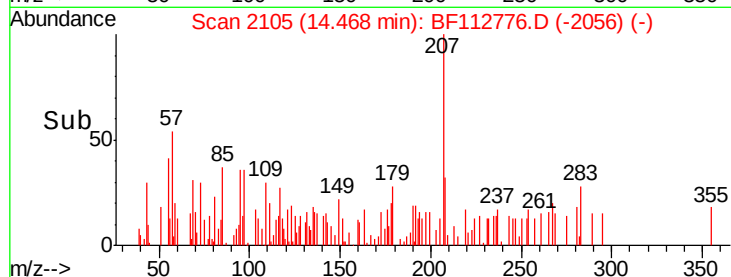
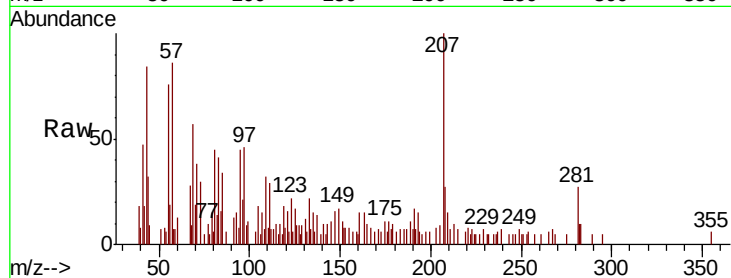
Tgt Ion:149 Resp: 276

Ion Ratio Lower Upper

149 100

167 91.3 1.2 1.8#

43 0.0 9.0 13.4#



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.199 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BF112776.D

Acq: 28 Feb 2019 22:12

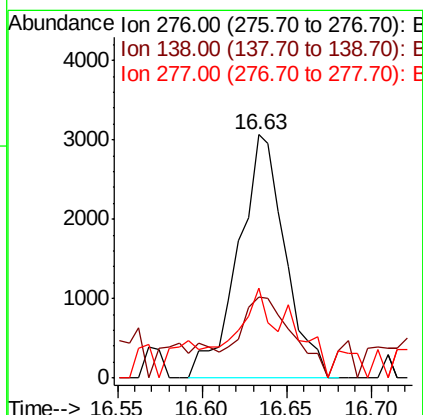
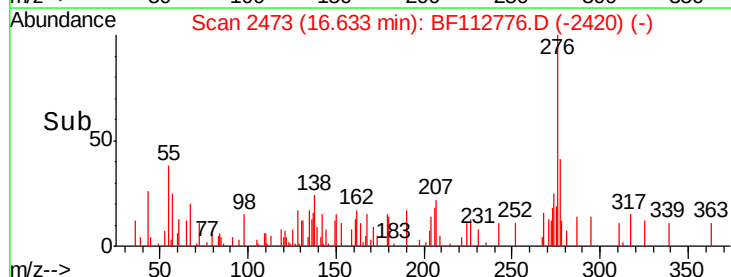
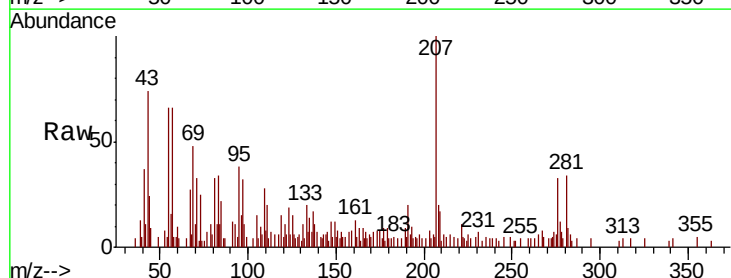
Tgt Ion:276 Resp: 5918

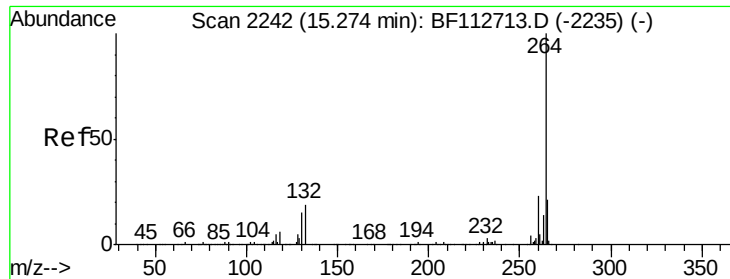
Ion Ratio Lower Upper

276 100

138 37.5 23.2 34.8#

277 11.5 19.9 29.9#

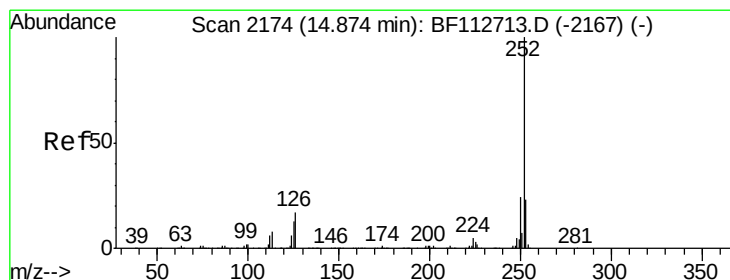
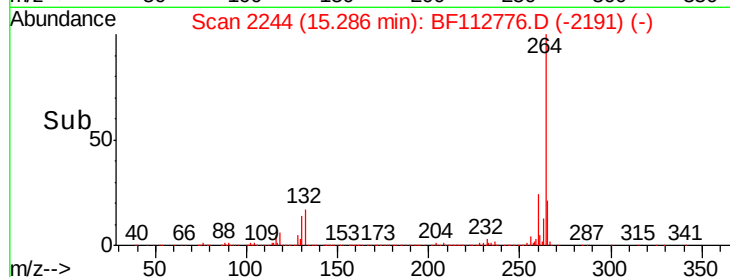
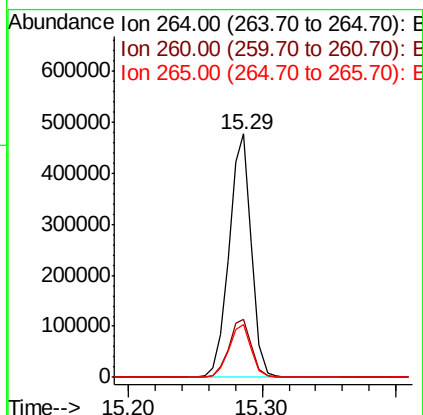
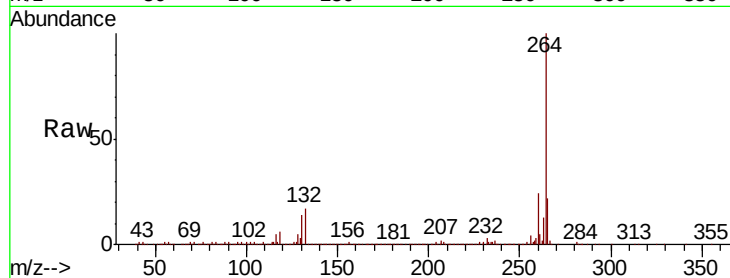




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

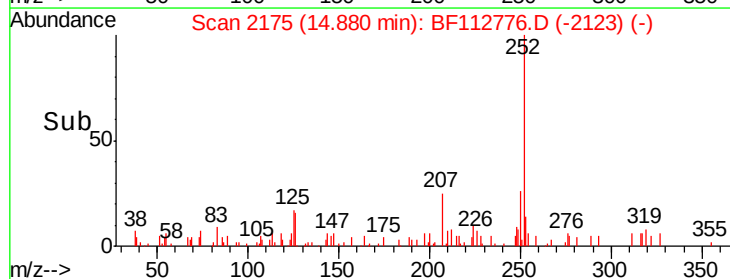
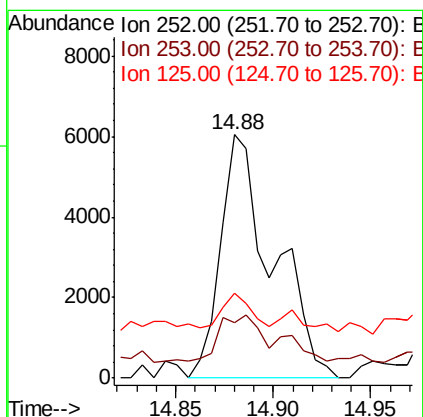
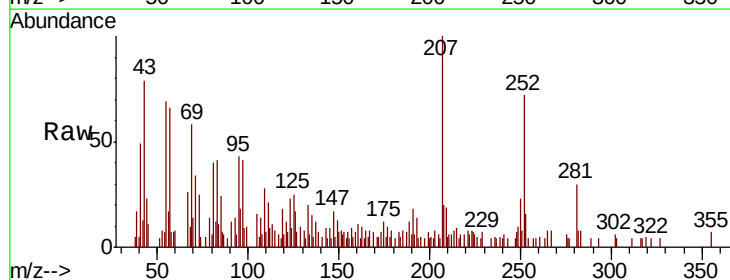
Instrument :
BNA_F
ClientSampleId :
SR-9-D

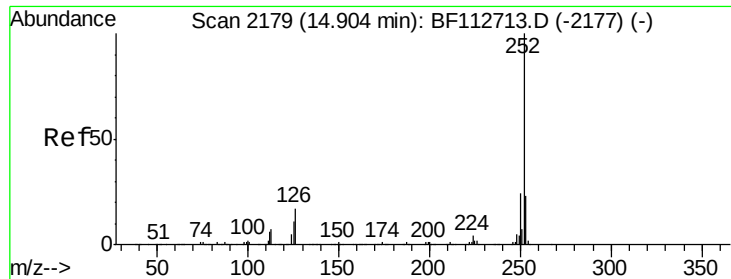
Tgt Ion:264 Resp: 555799
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.5 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 0.312 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion:252 Resp: 11205
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 34.8 10.2 15.2#

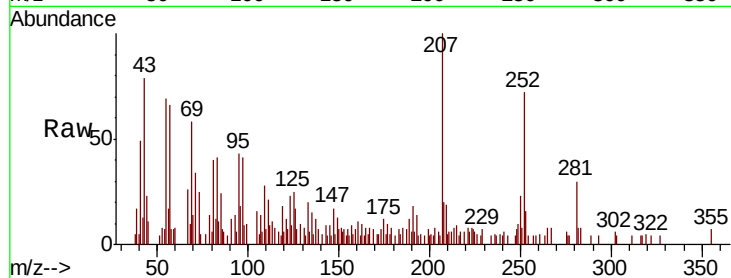




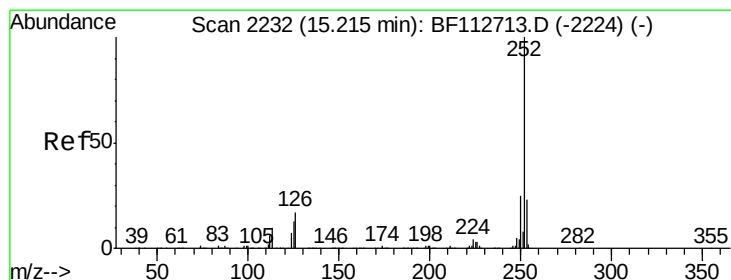
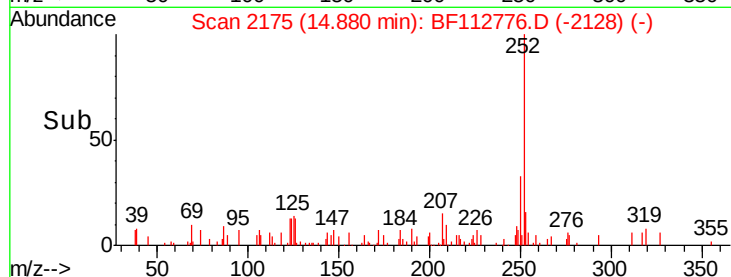
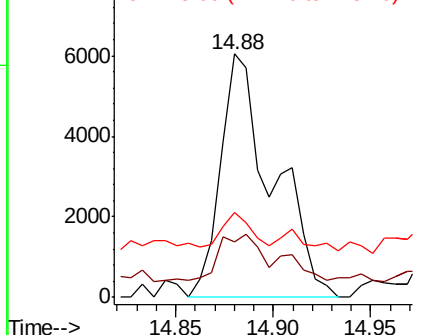
#89
Benzo(k)fluoranthene
Concen: 0.344 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Instrument :
BNA_F
ClientSampleId :
SR-9-D

Tgt Ion:252 Resp: 11205
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 34.8 9.8 14.6#

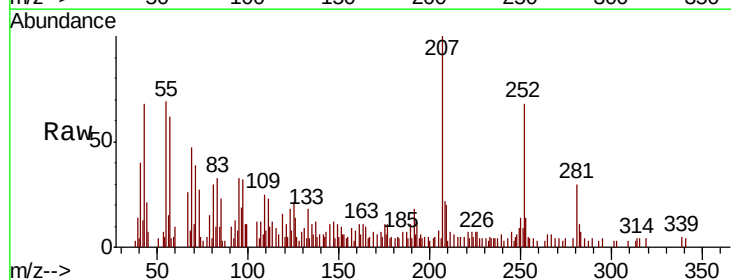


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

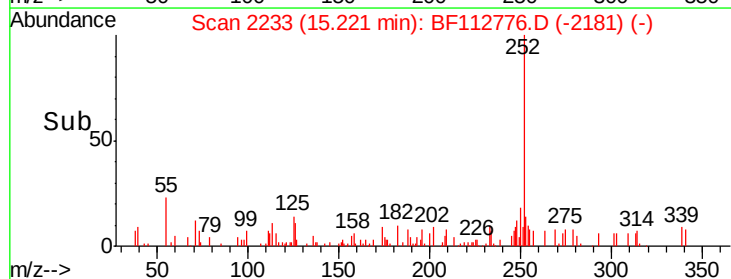
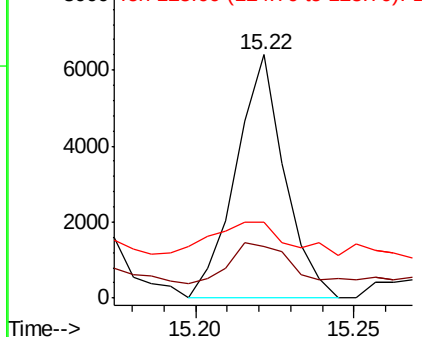


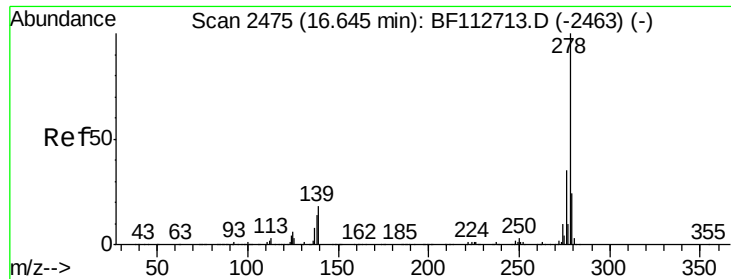
#90
Benzo(a)pyrene
Concen: 0.214 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion:252 Resp: 6816
Ion Ratio Lower Upper
252 100
253 21.2 18.0 27.0
125 31.1 10.7 16.1#



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

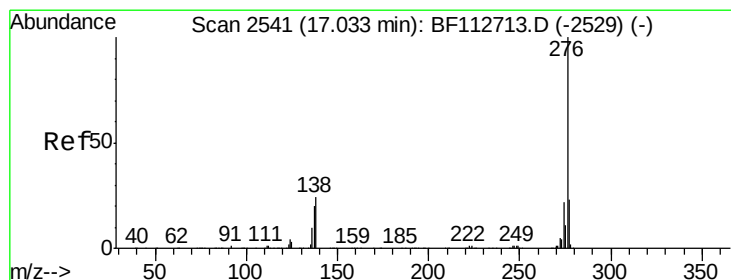
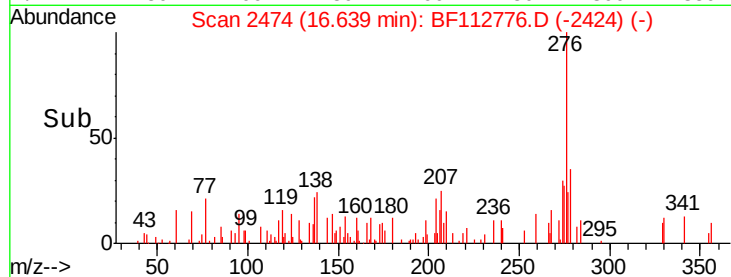
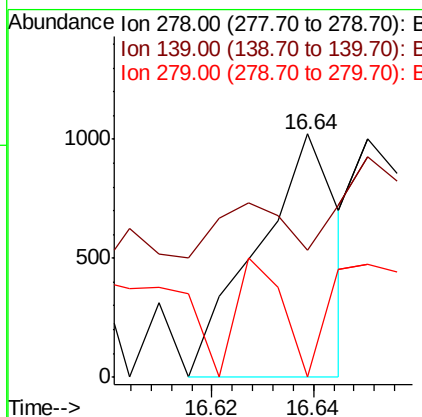
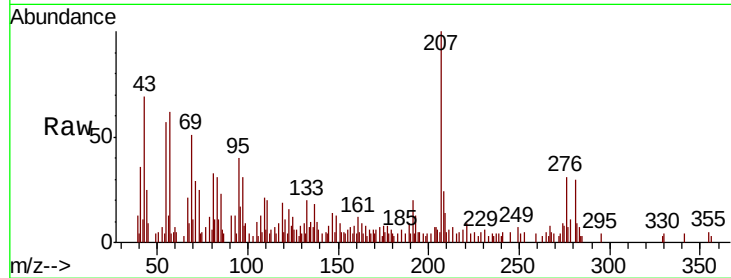




#91
Dibenzo(a,h)anthracene
Concen: 0.042 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Instrument :
BNA_F
ClientSampled :
SR-9-D

Tgt Ion: 278 Resp: 1134
Ion Ratio Lower Upper
278 100
139 52.0 14.3 21.5#
279 0.0 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 0.280 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF112776.D
Acq: 28 Feb 2019 22:12

Tgt Ion: 276 Resp: 7628
Ion Ratio Lower Upper
276 100
277 33.7 18.6 27.8#
138 29.8 19.4 29.0#

