

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112733.D
 Acq On : 27 Feb 2019 21:52
 Operator : JU/SJ
 Sample : K1633-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-11-D

Quant Time: Feb 28 02:04:17 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	6.74	152	179295	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	634656	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	260354	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	513013	20.00	ng	0.00
76) Chrysene-d12	13.87	240	486245	20.00	ng	0.00
87) Perylene-d12	15.28	264	364426	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	253254	21.97	ng	0.00
7) Phenol-d6	6.36	99	311098	21.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	156361	14.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	58960	21.33	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	284467	6.59	ng	0.00
79) Terphenyl-d14	12.83	244	315530	12.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.36	79	116	0.008	ng	# 20
6) Aniline	6.37	93	118	0.006	ng	# 1
9) Benzaldehyde	6.36	77	571	0.055	ng	# 1
10) Phenol	6.37	94	14807	0.876	ng	# 87
11) bis(2-Chloroethyl)ether	6.50	93	450	0.035	ng	# 1
15) Benzyl Alcohol	6.89	79	3542	0.321	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	7.29	45	161	0.007	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	20247	2.208	ng	# 79
24) Nitrobenzene	7.29	77	446	0.038	ng	# 22
25) Isophorone	7.29	82	156121	6.833	ng	# 66
31) Naphthalene	8.04	128	41675	1.323	ng	# 97
33) 4-Chloroaniline	8.04	127	5501	0.412	ng	# 40
35) Caprolactam	8.73	113	265	0.085	ng	# 1
37) 2-Methylnaphthalene	8.73	142	16856	0.828	ng	# 98
38) 1-Methylnaphthalene	8.83	142	12140	0.616	ng	# 99
46) 1,1'-Biphenyl	9.19	154	7358	0.346	ng	# 97
47) 2-Chloronaphthalene	9.36	162	499	0.030	ng	# 25
48) 2-Nitroaniline	9.43	65	132	0.026	ng	# 4
49) Acenaphthylene	9.63	152	6148	0.218	ng	# 95
50) Dimethylphthalate	9.49	163	19053	0.992	ng	# 98
51) 2,6-Dinitrotoluene	9.77	165	33425	8.361	ng	# 18
52) Acenaphthene	9.80	154	97469	5.921	ng	# 98
53) 3-Nitroaniline	9.97	138	1362	0.280	ng	# 3
55) Dibenzofuran	9.97	168	94916	3.967	ng	# 96
56) 4-Nitrophenol	9.97	139	33840	8.548	ng	# 8
57) 2,4-Dinitrotoluene	9.77	165	33425	6.726	ng	# 18
58) Fluorene	10.32	166	129344	7.617	ng	# 98
60) Diethylphthalate	10.19	149	348	0.017	ng	# 60
62) 4-Nitroaniline	10.31	138	1415	0.314	ng	# 20
63) Azobenzene	10.47	77	1186	0.057	ng	# 1
66) n-Nitrosodiphenylamine	10.43	169	1075	0.065	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	3509	0.649	ng	# 1
71) Phenanthrene	11.27	178	1113004	43.605	ng	# 98
72) Anthracene	11.32	178	411351	15.396	ng	# 98

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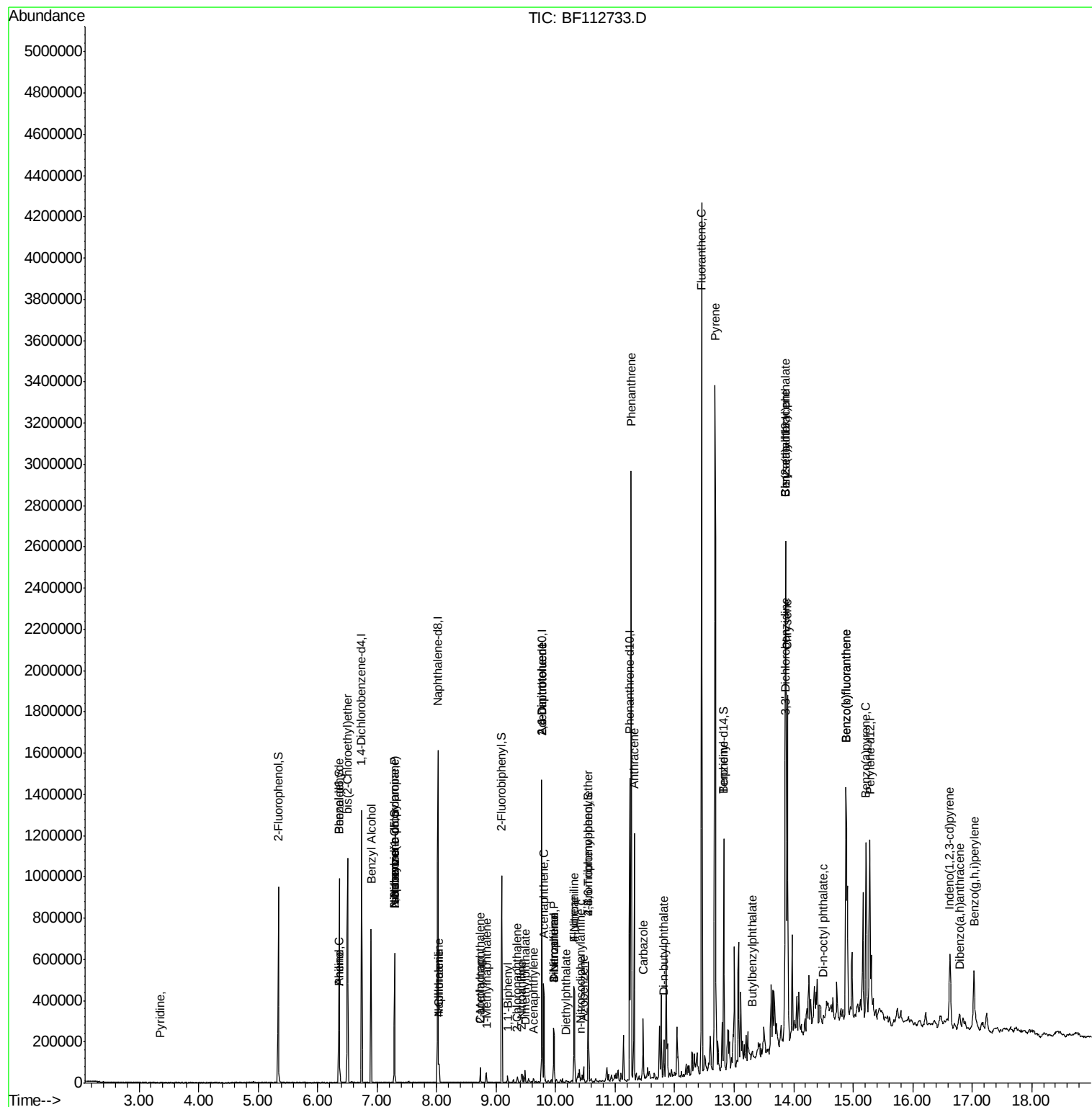
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Carbazole	11.47	167	102976	3.951	nq	97
74) Di-n-butylphthalate	11.82	149	1160	0.037	nq #	1
75) Fluoranthene	12.46	202	1642813	60.074	nq	99
77) Benzidine	12.83	184	4041	0.160	nq #	83
78) Pyrene	12.68	202	1416742	34.562	nq	99
80) Butylbenzylphthalate	13.31	149	825	0.046	nq #	60
81) Benzo(a)anthracene	13.86	228	733607	21.769	nq	99
82) 3,3'-Dichlorobenzidine	13.85	252	606	0.048	nq #	1
83) Chrysene	13.90	228	570506	17.283	nq	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	5402	0.255	nq #	98
85) Di-n-octyl phthalate	14.49	149	463	0.013	nq #	60
86) Indeno(1,2,3-cd)pyrene	16.63	276	216639	7.698	nq	93
88) Benzo(b)fluoranthene	14.88	252	813911	34.529	nq	99
89) Benzo(k)fluoranthene	14.88	252	813911	38.119	nq	99
90) Benzo(a)pyrene	15.22	252	411434	19.733	nq	98
91) Dibenzo(a,h)anthracene	16.79	278	42565	2.392	nq	91
92) Benzo(g,h,i)perylene	17.03	276	194603	10.893	nq	98

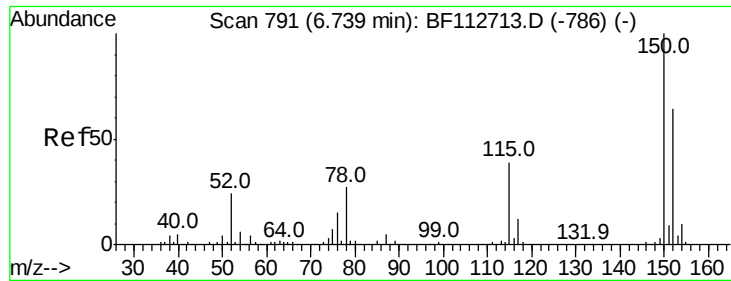
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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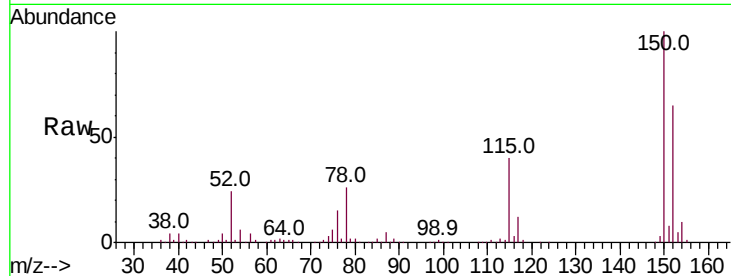


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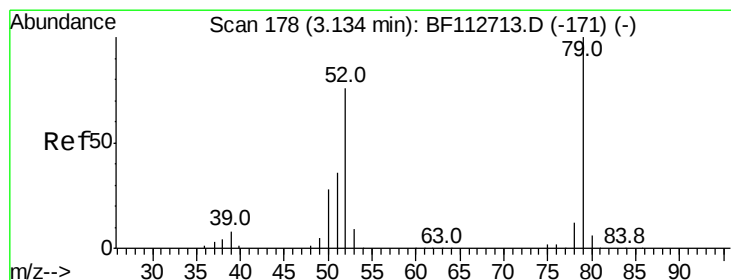
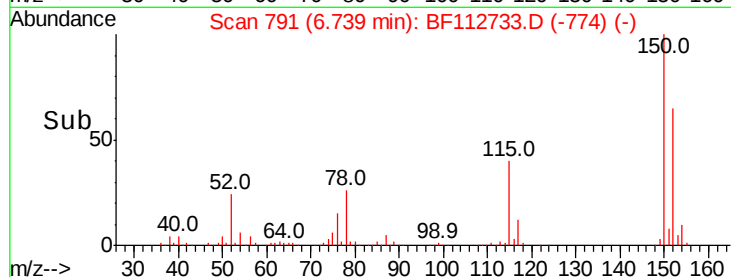
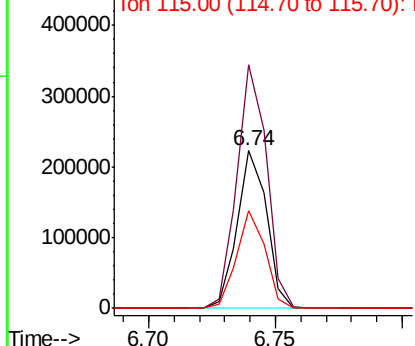
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SR-11-D

Tot Ion:152 Resp: 179295
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.2
115 61.8 48.2 72.4



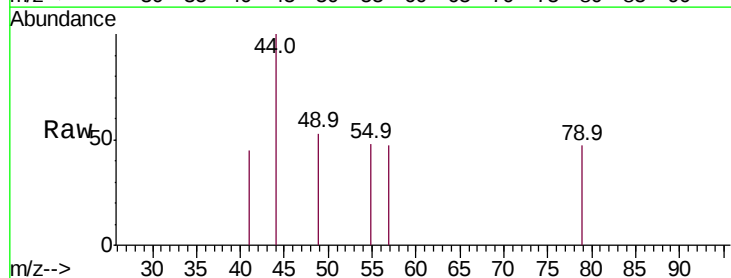
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



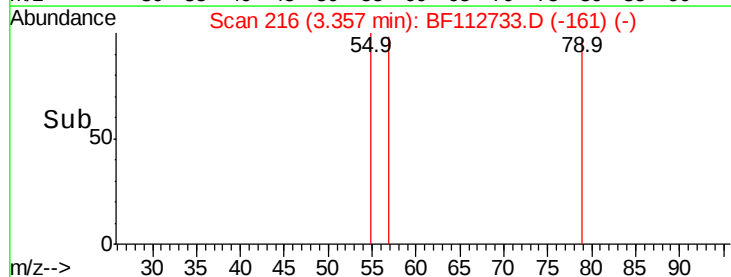
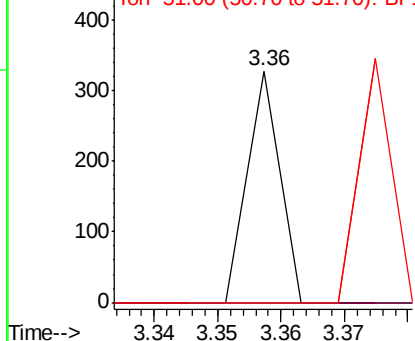
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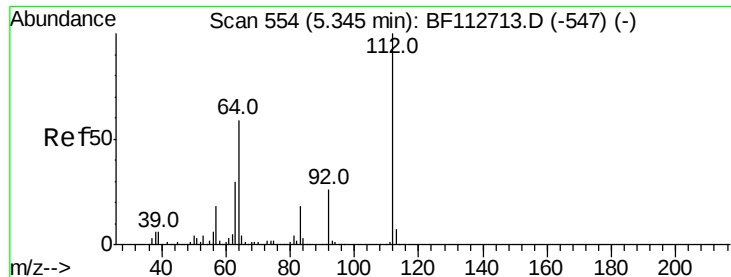
Pyridine
Concen: 0.008 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.22 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Tgt Ion: 79 Resp: 116
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: 21.972 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

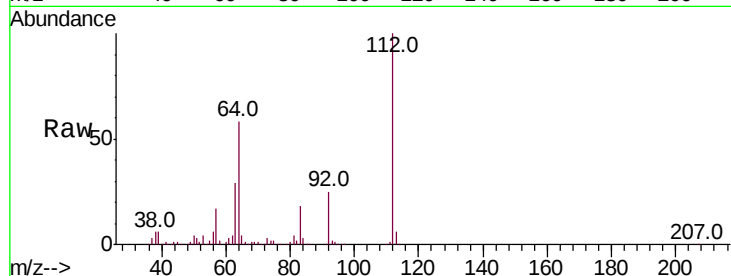
Tot Ion:112 Resp: 253254

Ion Ratio Lower Upper

112 100

64 57.8 47.6 71.4

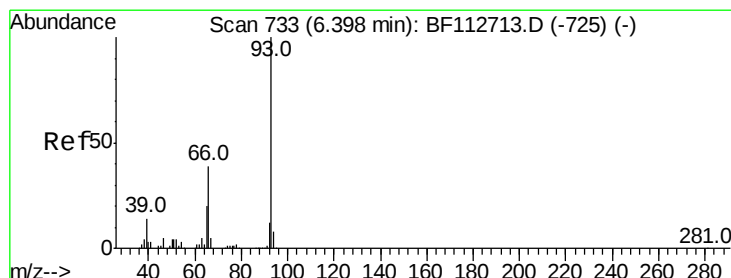
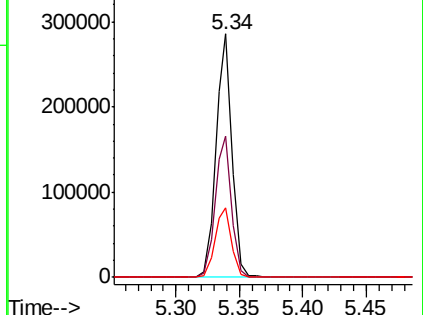
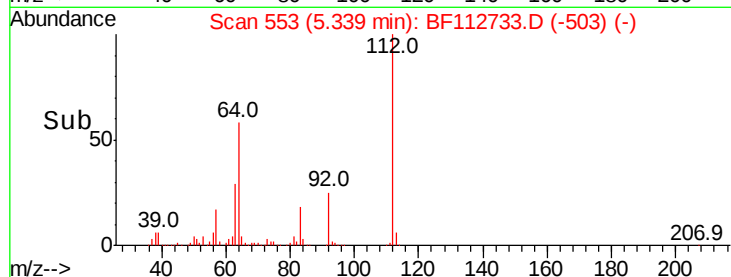
63 28.6 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.006 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

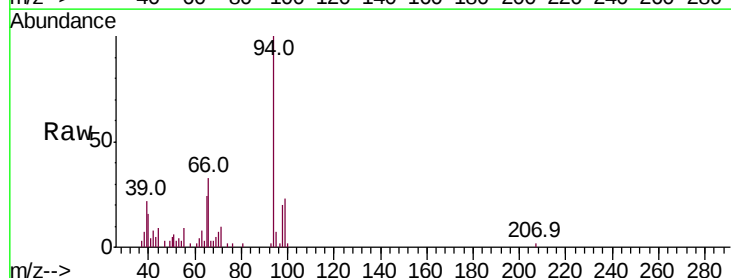
Tgt Ion: 93 Resp: 118

Ion Ratio Lower Upper

93 100

66 2033.2 32.2 48.2#

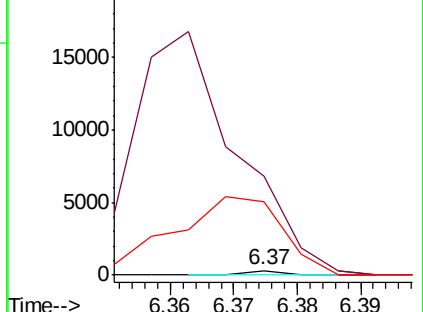
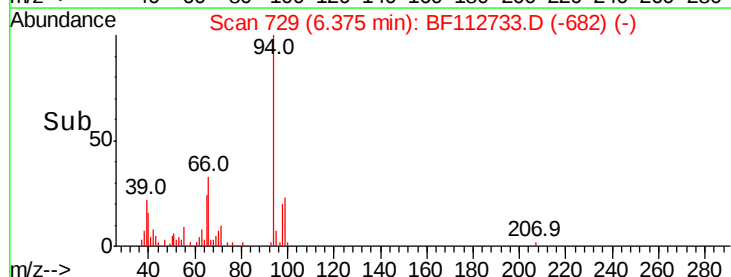
65 1503.3 16.2 24.4#

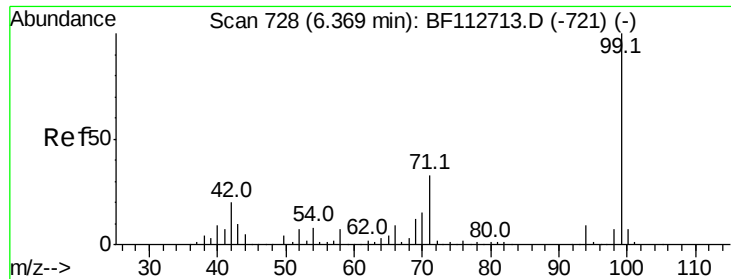


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 21.486 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

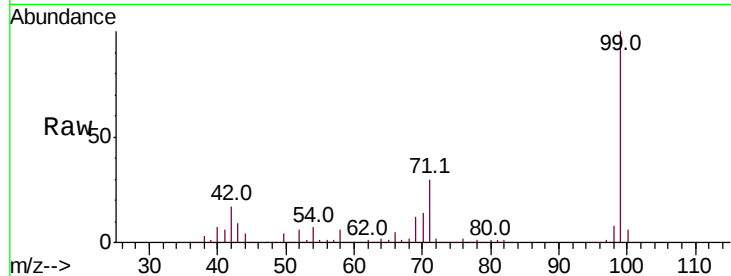
Tot Ion: 99 Resp: 311098

Ion Ratio Lower Upper

99 100

42 17.2 16.3 24.5

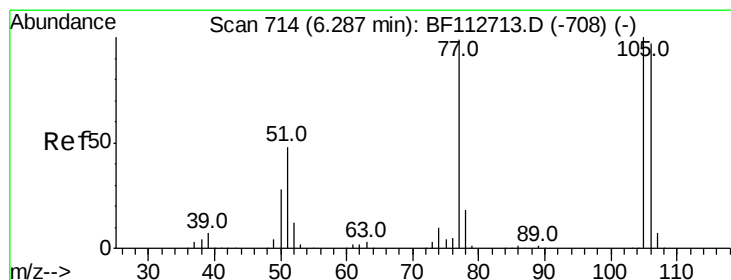
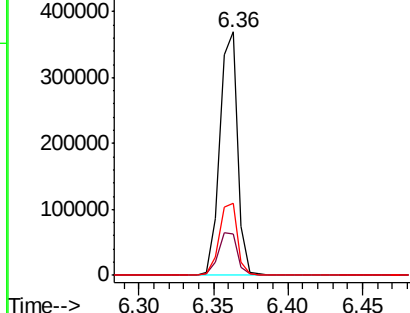
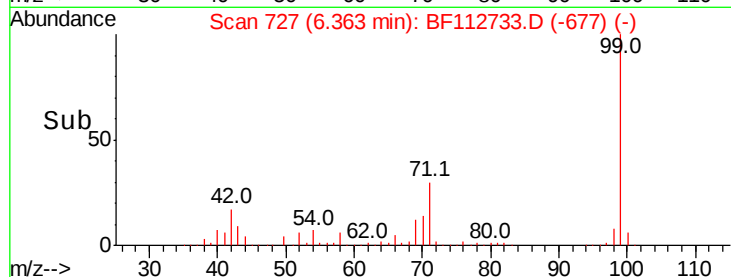
71 29.5 26.2 39.4



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



#9

Benzaldehyde

Concen: 0.055 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.08 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

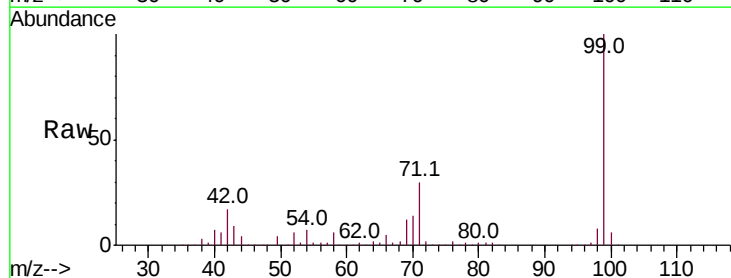
Tgt Ion: 77 Resp: 571

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

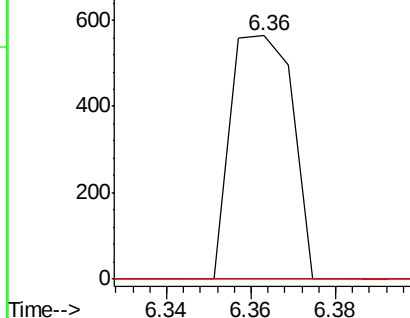
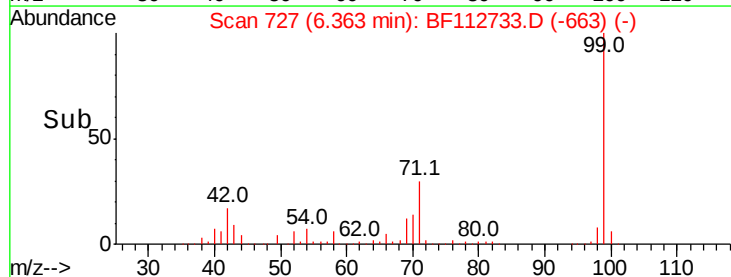
106 0.0 78.3 118.3#

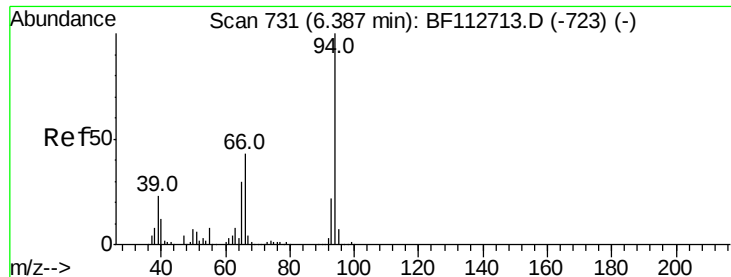


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.876 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

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Instrument :

BNA_F

ClientSampled :

SR-11-D

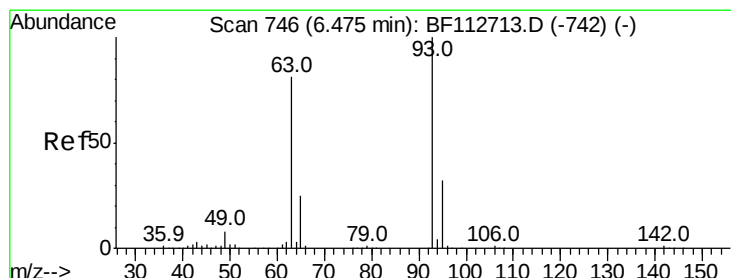
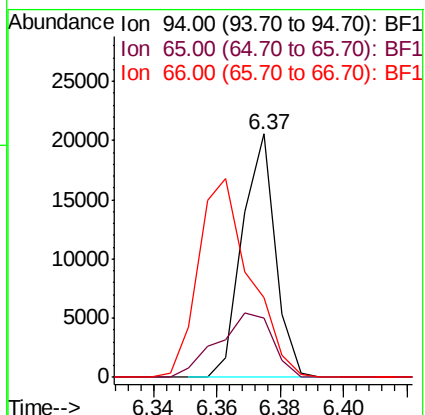
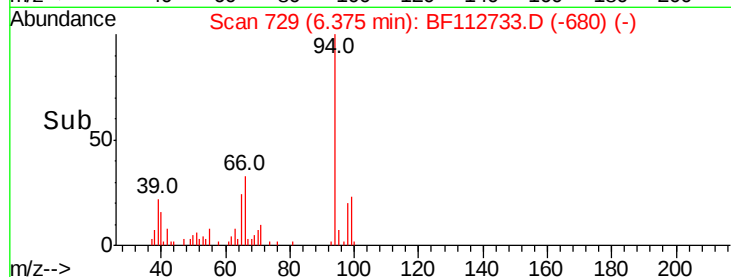
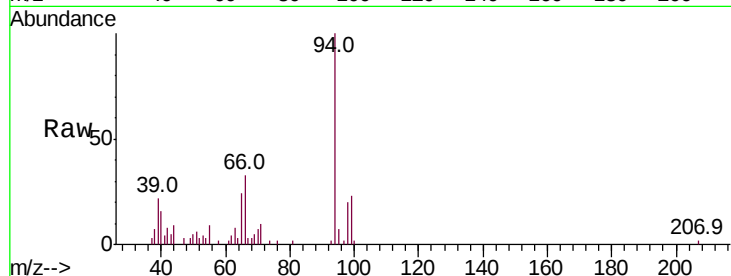
Tot Ion: 94 Resp: 14807

Ion Ratio Lower Upper

94 100

65 24.4 10.5 50.5

66 33.0 22.6 62.6



#11

bis(2-Chloroethyl)ether

Concen: 0.035 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.03 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

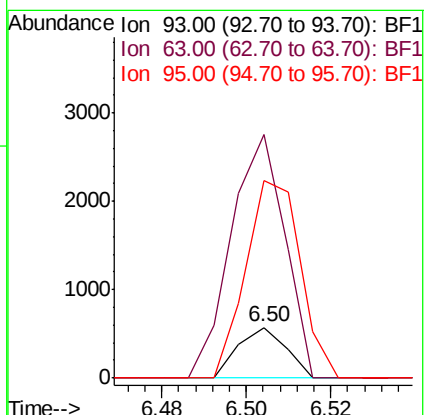
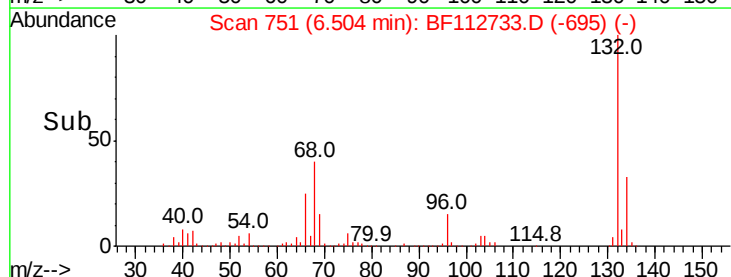
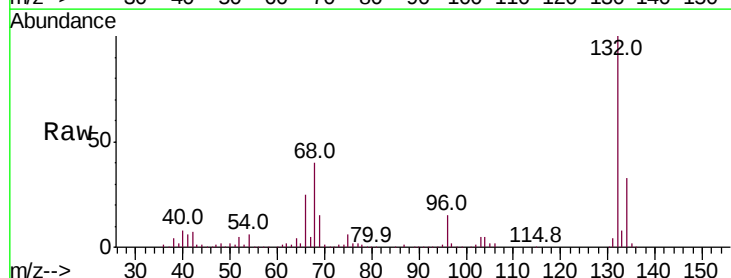
Tgt Ion: 93 Resp: 450

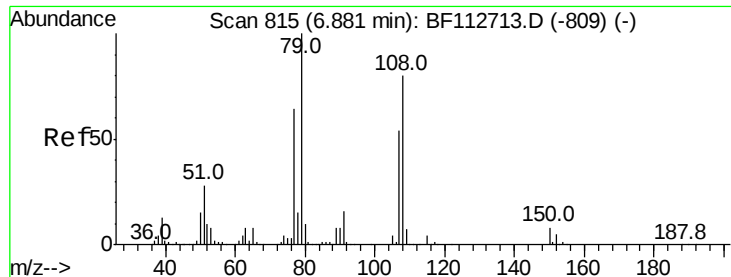
Ion Ratio Lower Upper

93 100

63 479.1 60.5 100.5#

95 389.6 12.1 52.1#





#15

Benzyl Alcohol

Concen: 0.321 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

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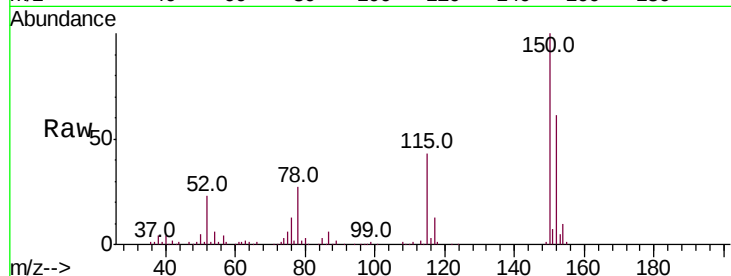
Tot Ion: 79 Resp: 3542

Ion Ratio Lower Upper

79 100

108 26.3 64.2 96.4#

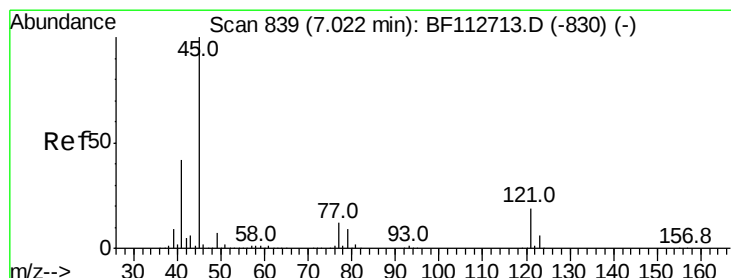
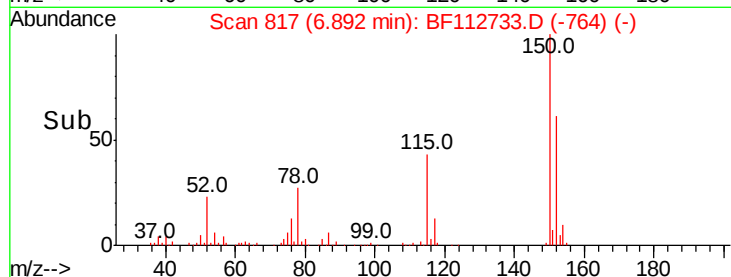
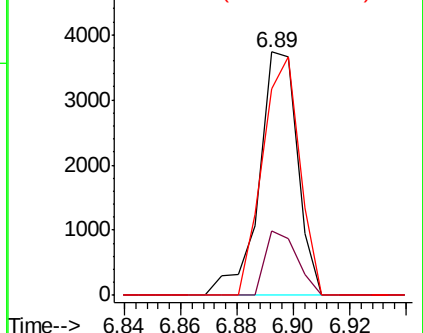
77 84.8 51.1 76.7#



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: 0.007 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.27 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

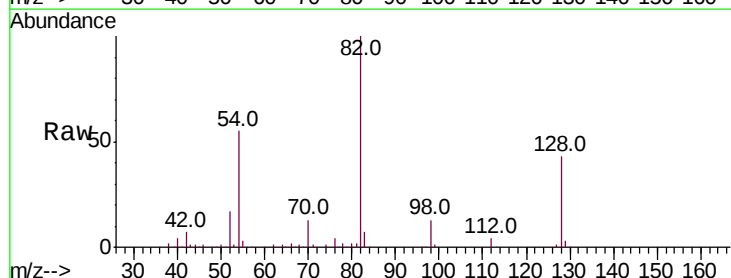
Tgt Ion: 45 Resp: 161

Ion Ratio Lower Upper

45 100

77 131.9 0.0 32.1#

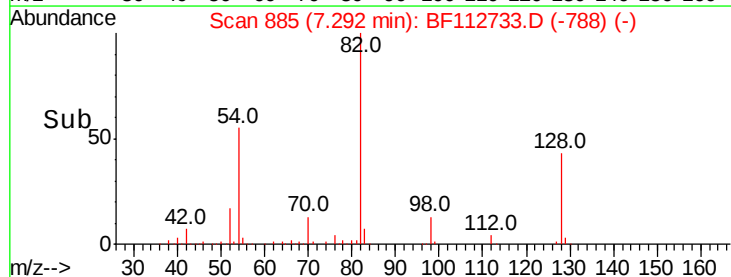
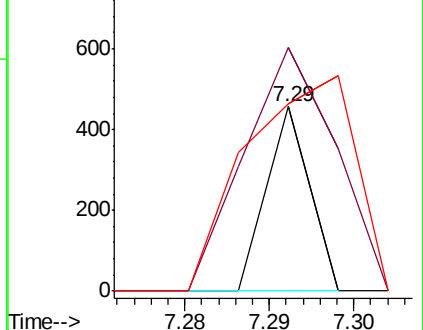
79 101.3 0.0 29.4#

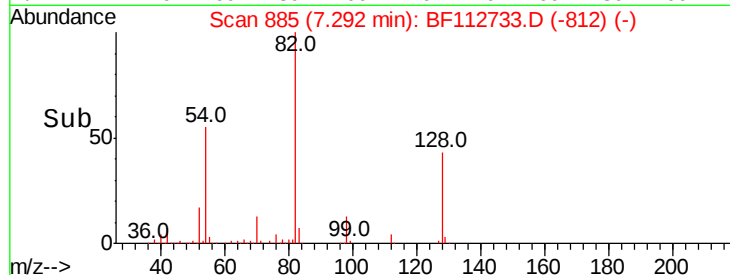
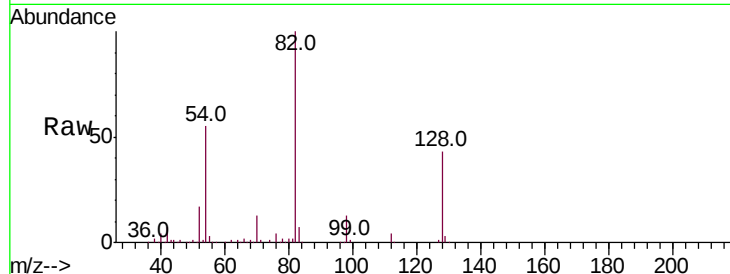
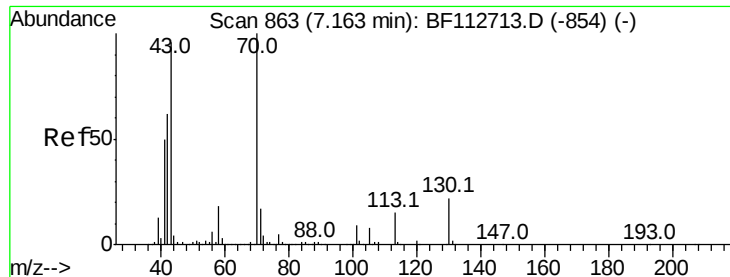


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

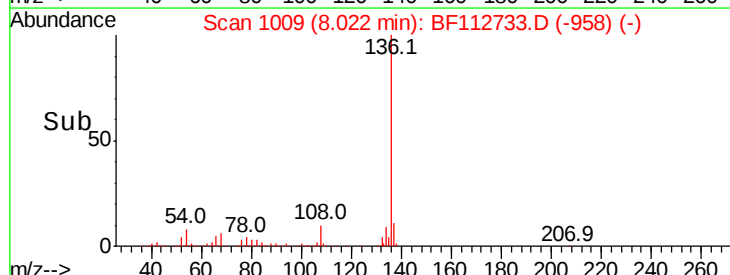
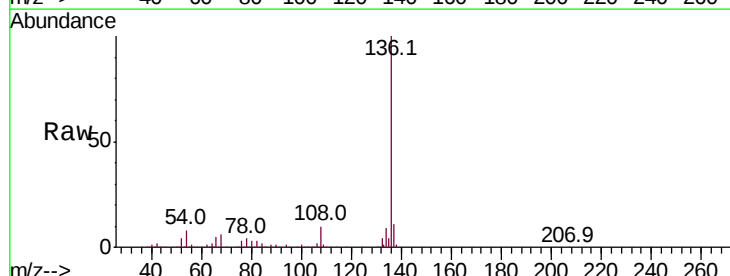
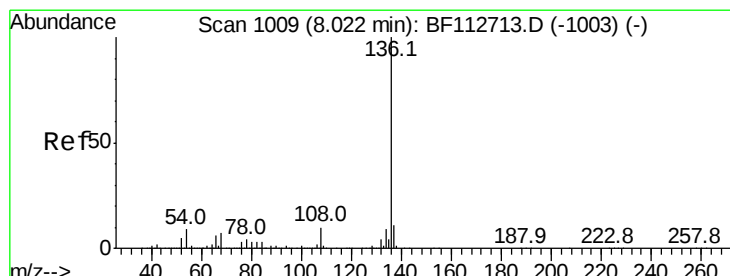
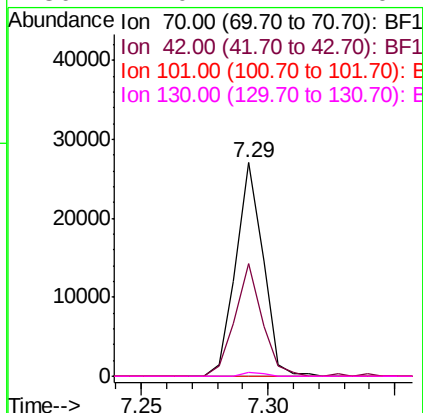




#19
n-Nitroso-di-n-propylamine
Concen: 2.208 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

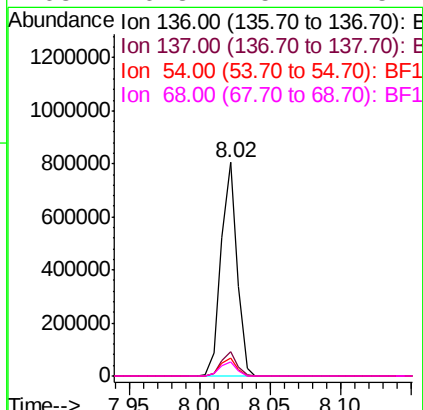
Instrument :
BNA_F
ClientSampleId :
SR-11-D

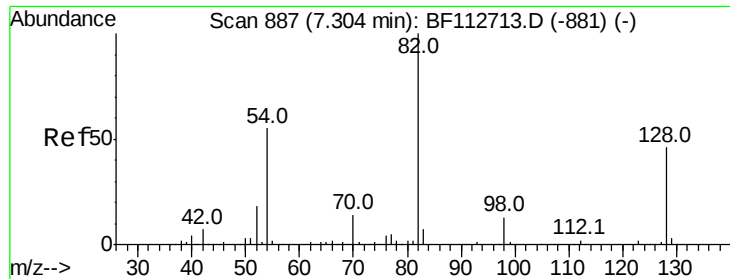
Tot Ion:	70	Resp:	20247
Ion	Ratio	Lower	Upper
70	100		
42	52.8	49.9	74.9
101	0.0	7.4	11.2#
130	2.0	17.4	26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Tgt Ion:	136	Resp:	634656
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.3	7.3	10.9
68	6.3	5.4	8.2





#23

Nitrobenzene-d5

Concen: 14.742 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

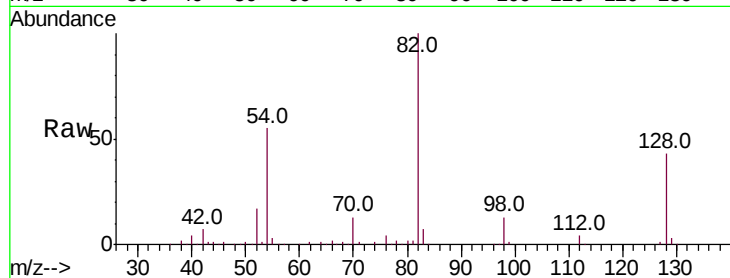
Tot Ion: 82 Resp: 156361

Ion Ratio Lower Upper

82 100

128 42.6 36.3 54.5

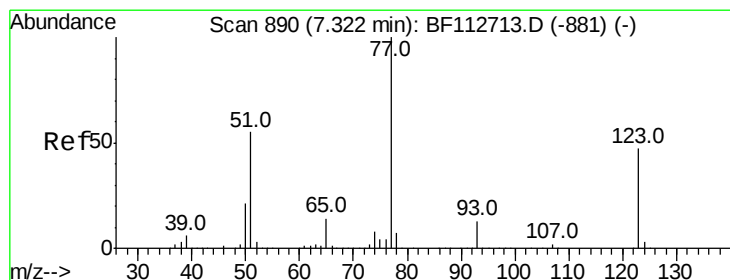
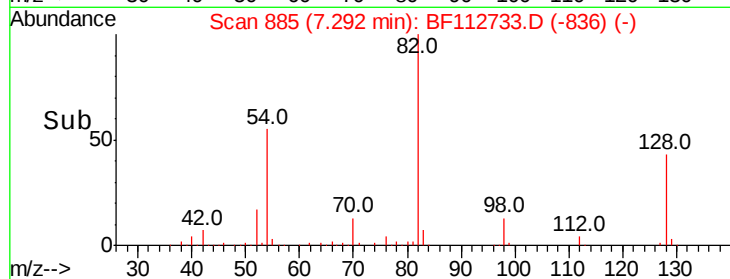
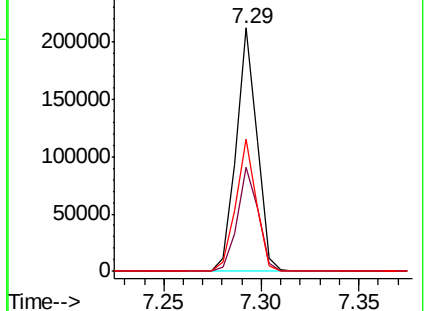
54 54.5 43.7 65.5



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: 0.038 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

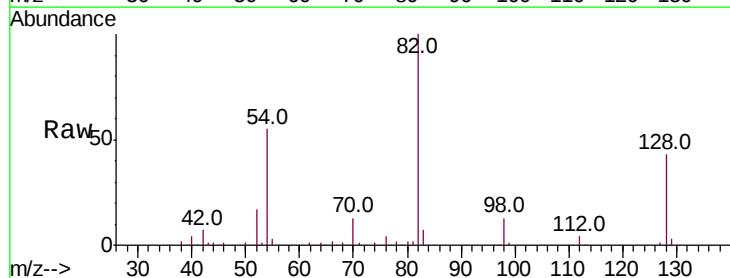
Tgt Ion: 77 Resp: 446

Ion Ratio Lower Upper

77 100

123 0.0 37.8 56.6#

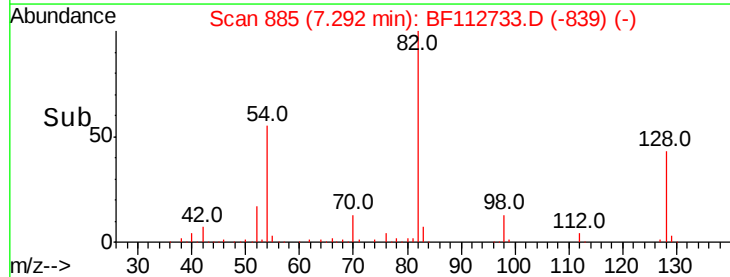
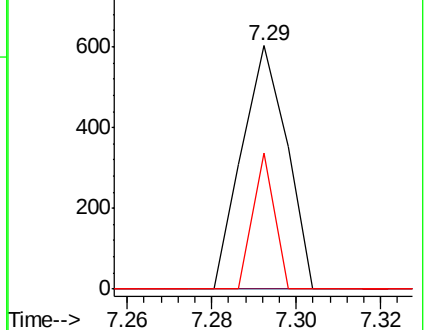
65 56.1 11.1 16.7#

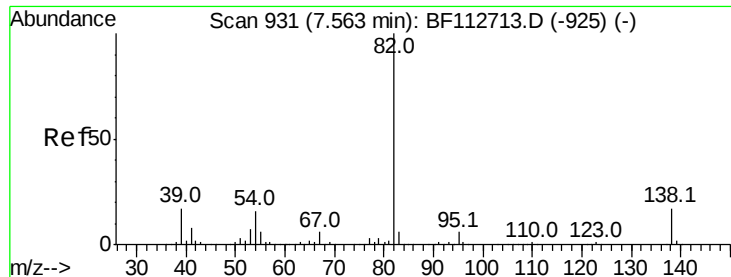


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 6.833 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

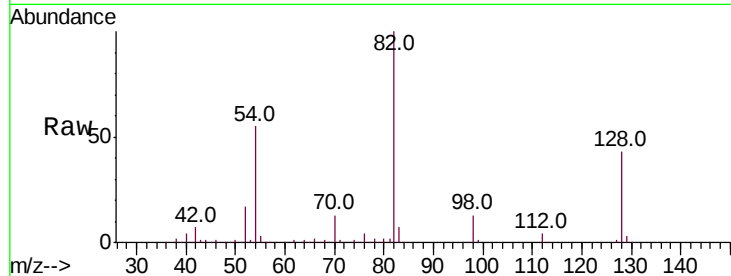
Tot Ion: 82 Resp: 156121

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

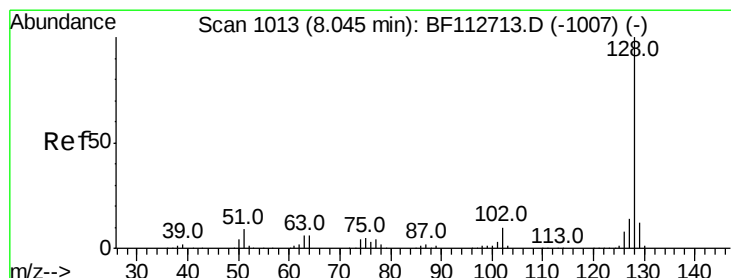
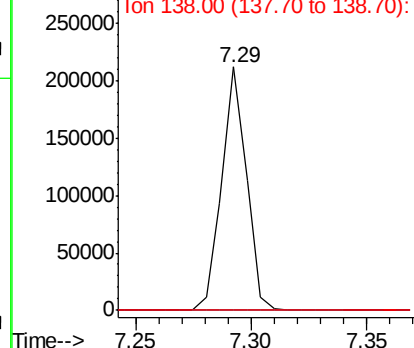
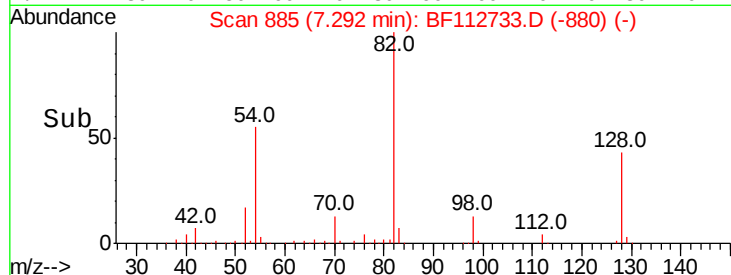
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 1.323 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

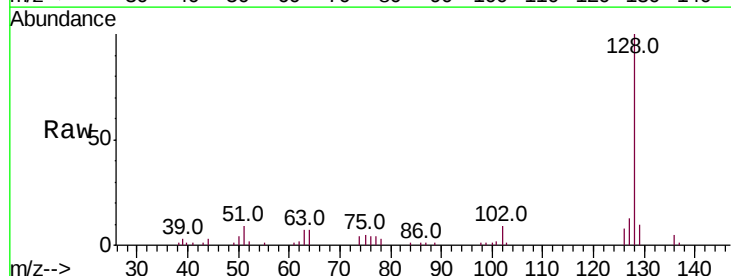
Tgt Ion: 128 Resp: 41675

Ion Ratio Lower Upper

128 100

129 9.9 9.3 13.9

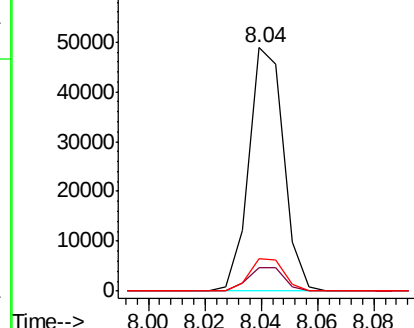
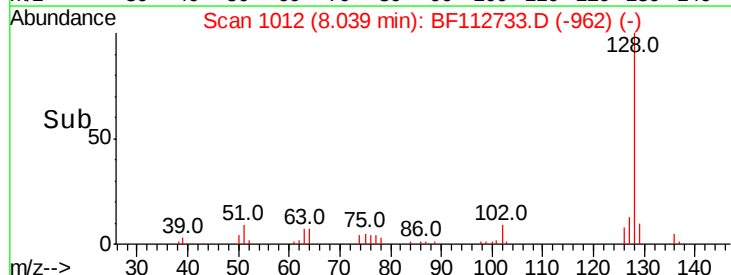
127 13.1 10.9 16.3

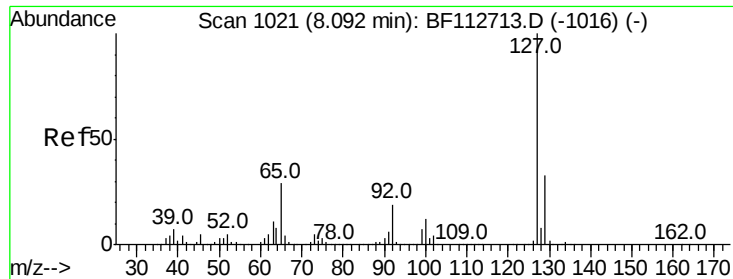


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

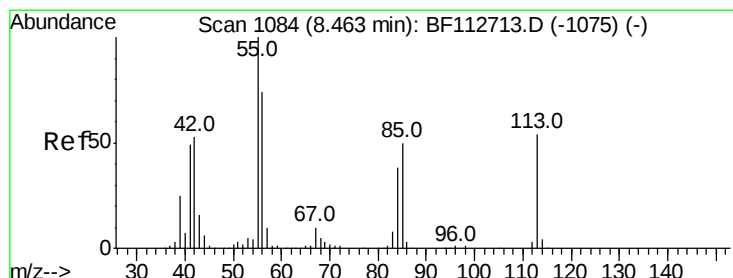
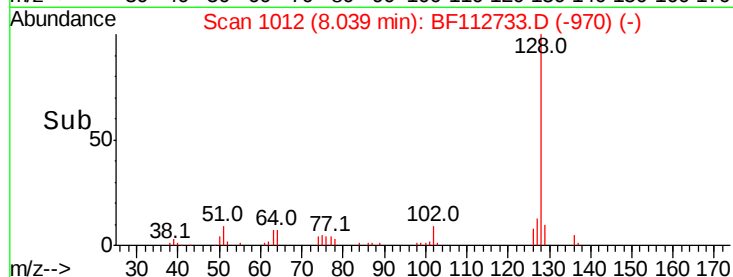
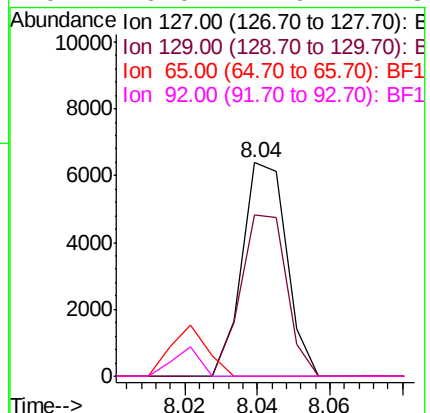
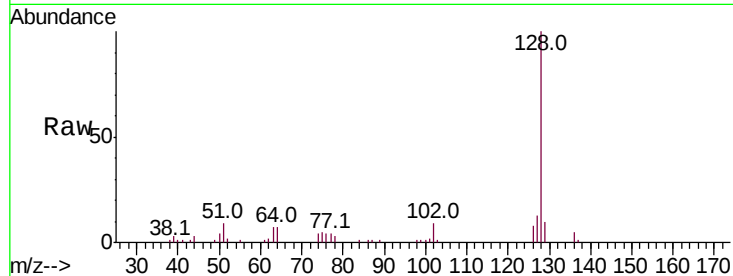




#33
4-Chloroaniline
Concen: 0.412 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

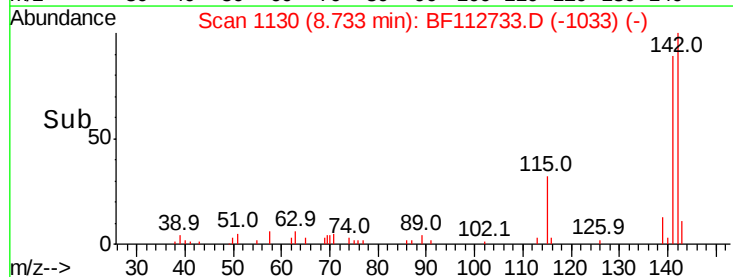
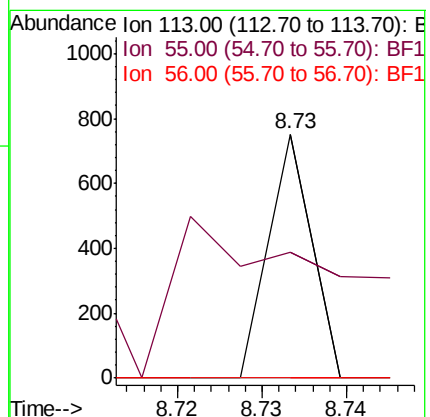
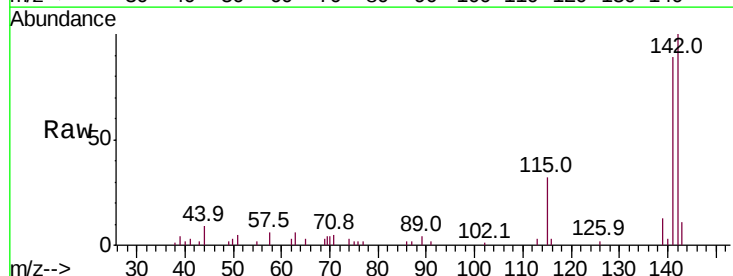
Instrument :
BNA_F
ClientSampleId :
SR-11-D

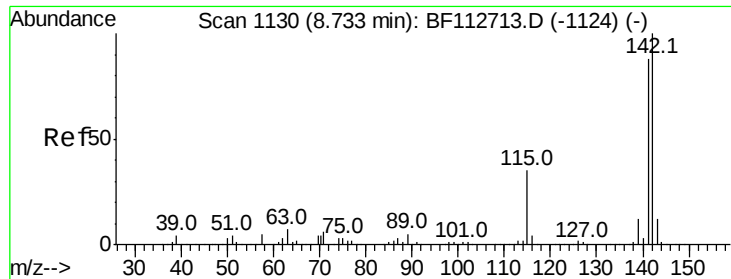
Tot Ion:	127	Resp:	5501
Ion	Ratio	Lower	Upper
127	100		
129	75.7	26.4	39.6#
65	0.0	23.1	34.7#
92	0.0	14.9	22.3#



#35
Caprolactam
Concen: 0.085 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.27 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Tgt Ion:	113	Resp:	265
Ion	Ratio	Lower	Upper
113	100		
55	51.5	163.5	203.5#
56	0.0	115.3	155.3#

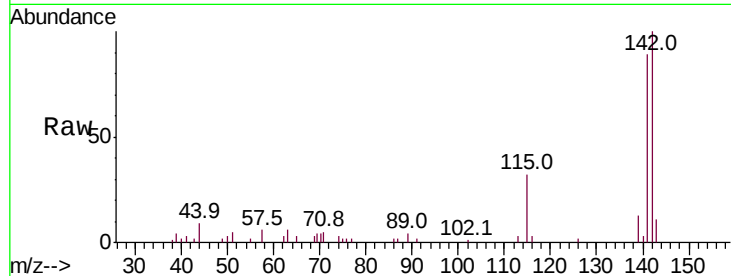




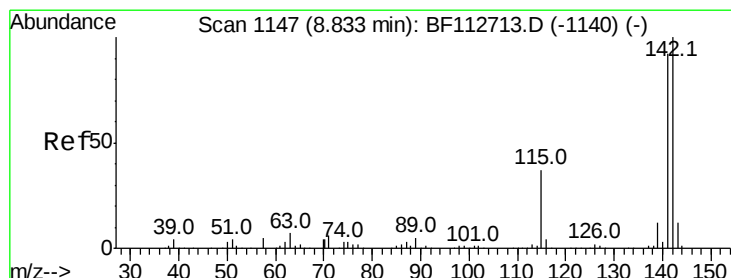
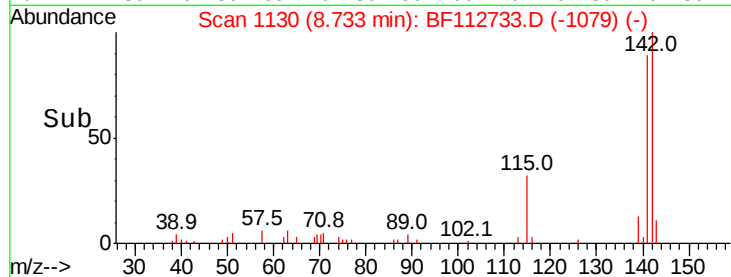
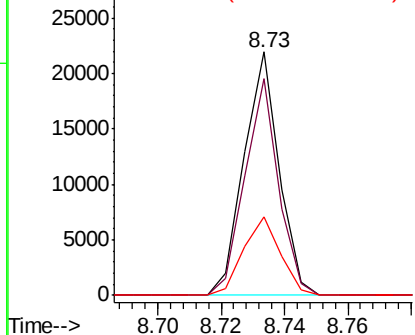
#37
2-Methylnaphthalene
Concen: 0.828 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SR-11-D

Tot Ion:142 Resp: 16856
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5
115 32.4 27.8 41.6

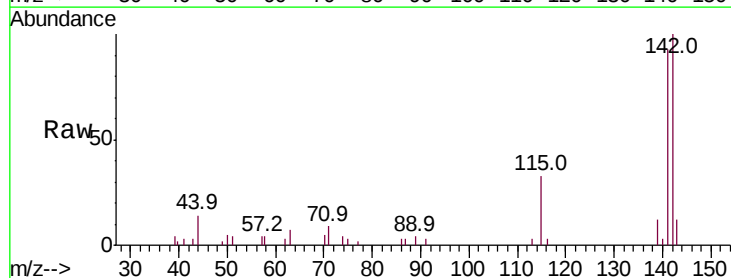


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

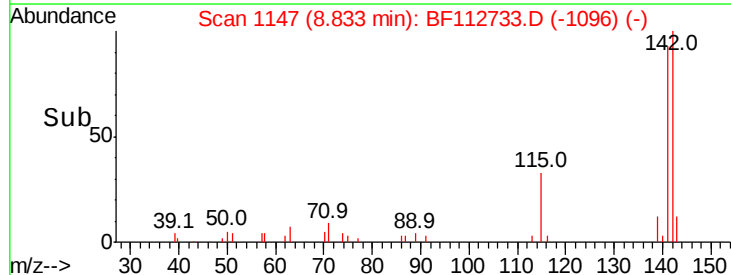
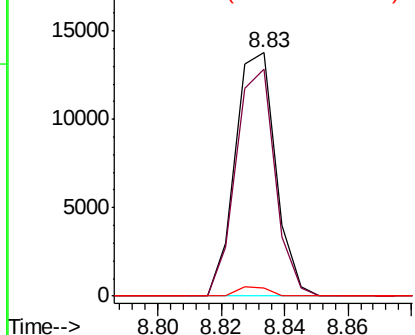


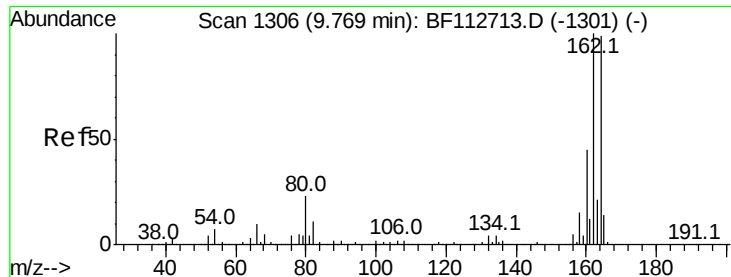
#38
1-Methylnaphthalene
Concen: 0.616 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Tgt Ion:142 Resp: 12140
Ion Ratio Lower Upper
142 100
141 93.2 73.7 110.5
116 3.4 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

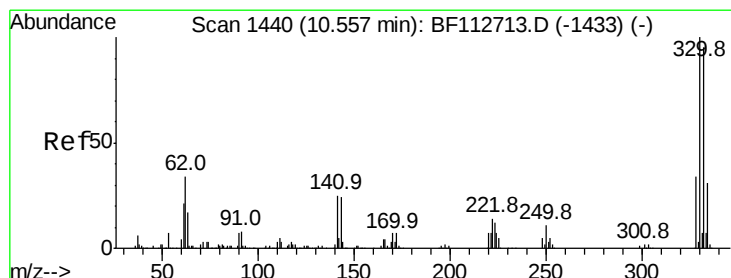
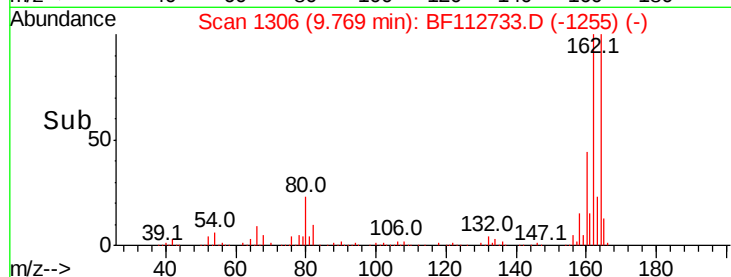
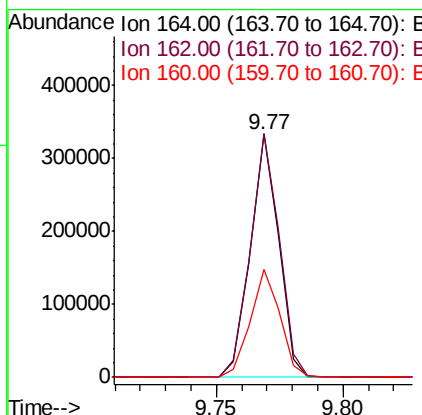
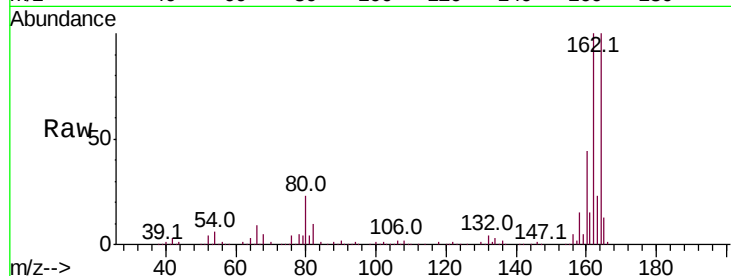




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

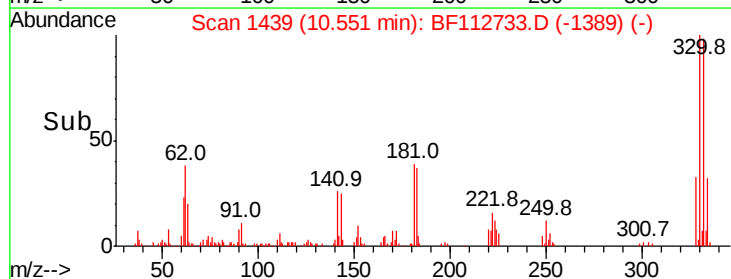
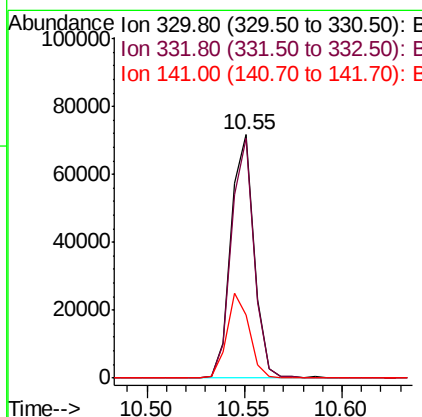
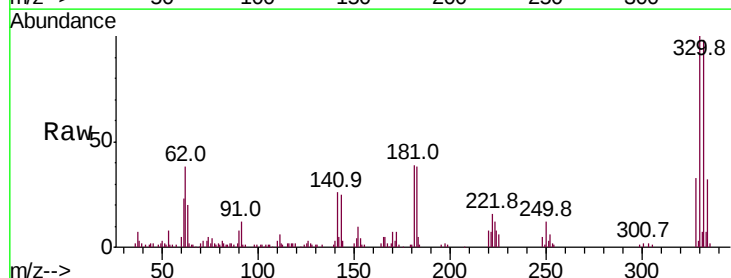
Instrument :
BNA_F
ClientSampled :
SR-11-D

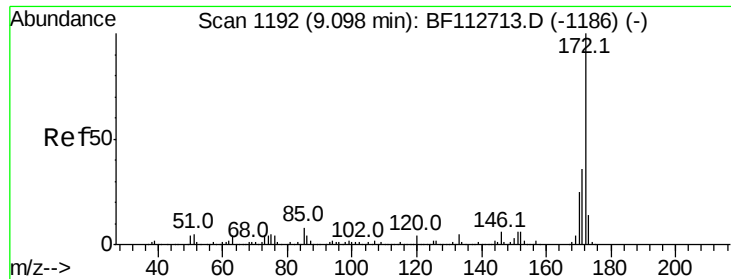
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	44.4	36.0	54.0



#42
2,4,6-Tribromophenol
Concen: 21.332 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.2	114.4
141	33.7	27.0	40.6

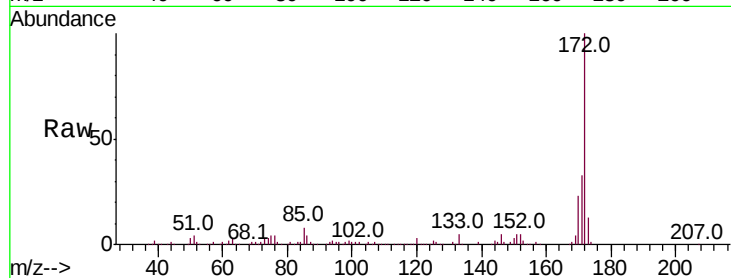




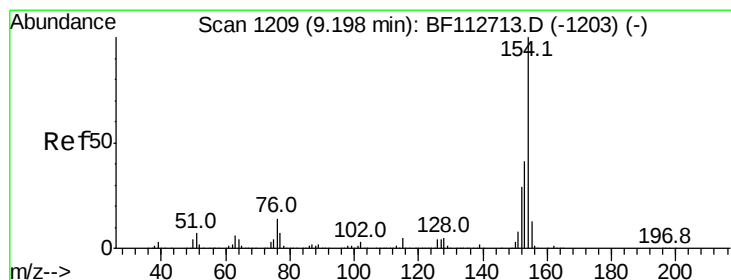
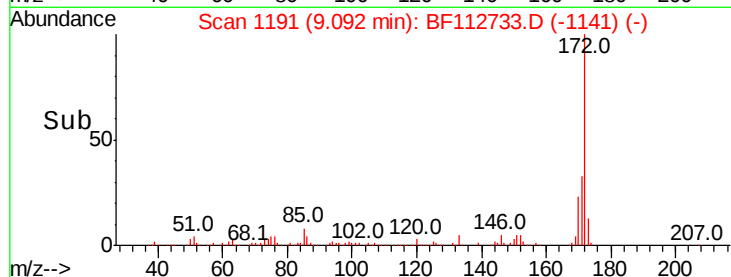
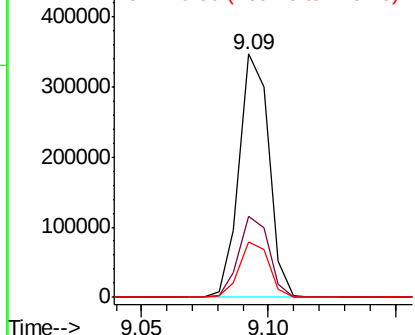
#45
2-Fluorobiphenyl
Concen: 6.587 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SR-11-D

Tot Ion:172 Resp: 284467
Ion Ratio Lower Upper
172 100
171 33.4 29.0 43.4
170 22.9 20.0 30.0

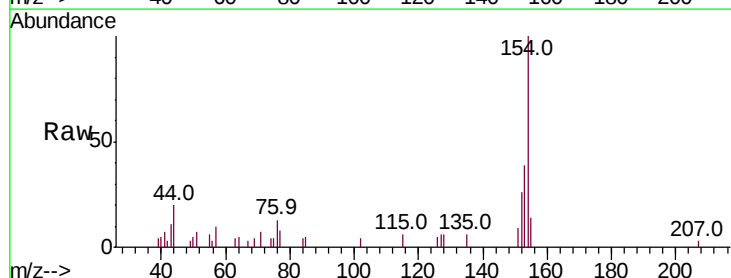


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

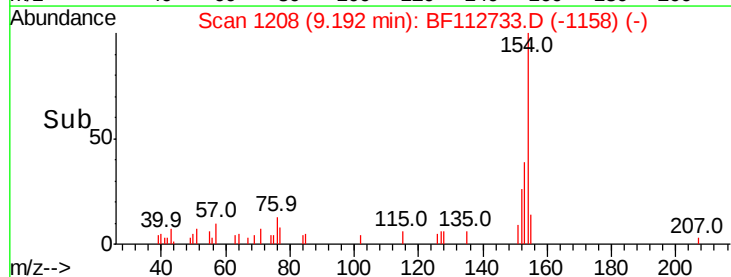
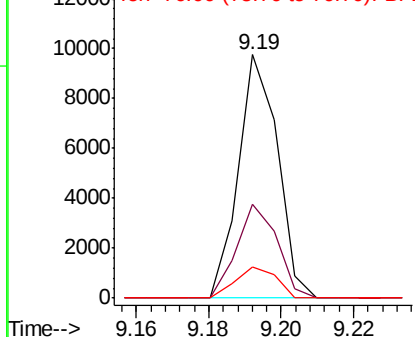


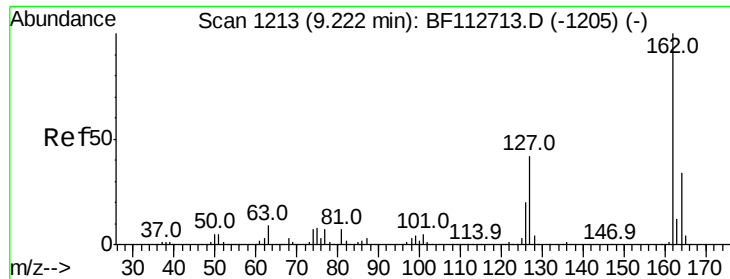
#46
1,1'-Biphenyl
Concen: 0.346 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Tgt Ion:154 Resp: 7358
Ion Ratio Lower Upper
154 100
153 38.7 20.8 60.8
76 13.0 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

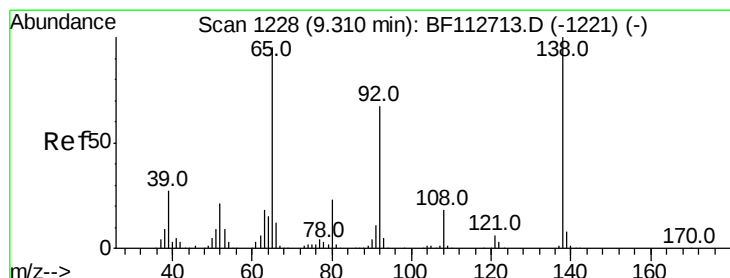
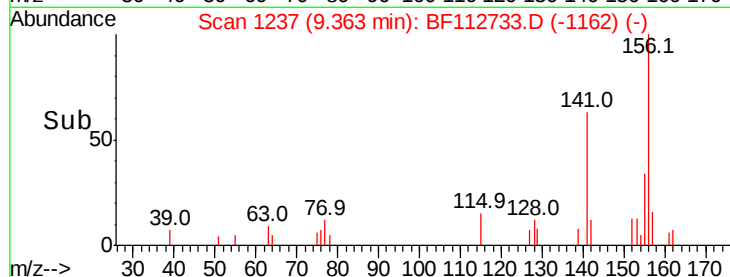
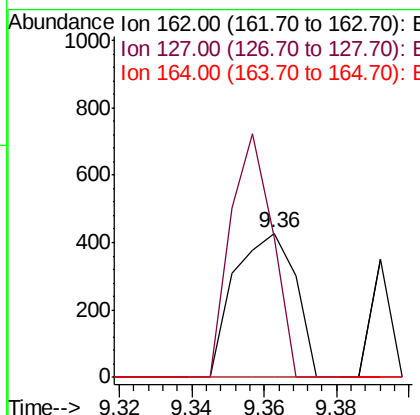
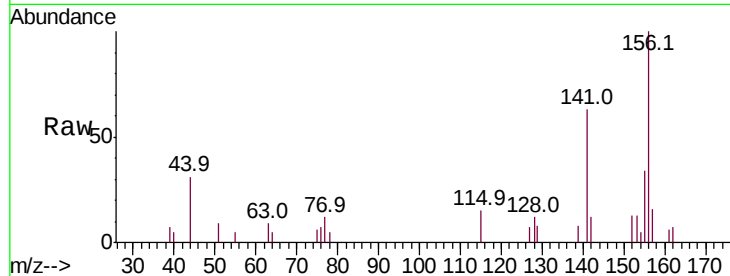




#47
 2-Chloronaphthalene
 Concen: 0.030 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.14 min
 Lab File: BF112733.D
 Acq: 27 Feb 2019 21:52

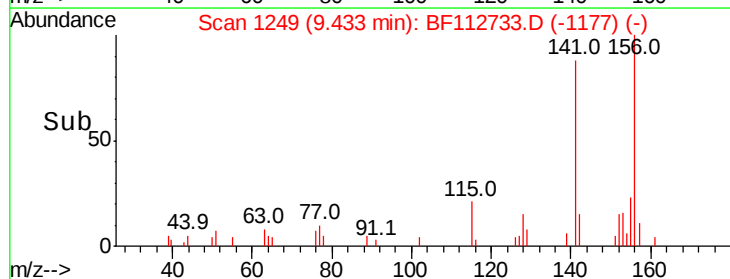
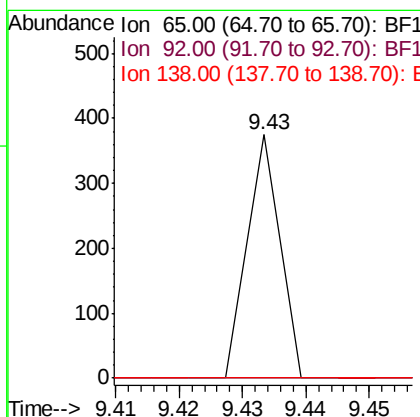
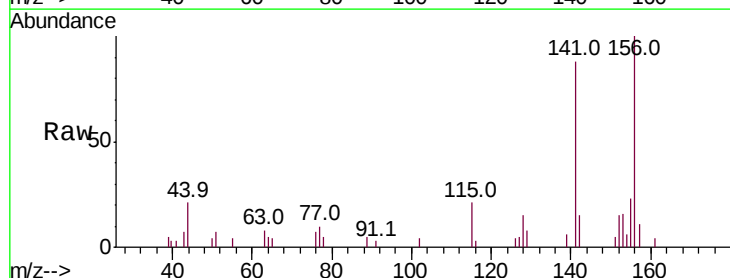
Instrument :
 BNA_F
 ClientSampleID :
 SR-11-D

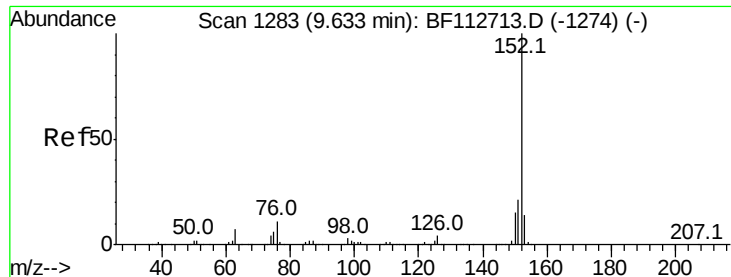
Tot Ion:162 Resp: 499
 Ion Ratio Lower Upper
 162 100
 127 97.0 33.4 50.2#
 164 0.0 26.9 40.3#



#48
 2-Nitroaniline
 Concen: 0.026 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.12 min
 Lab File: BF112733.D
 Acq: 27 Feb 2019 21:52

Tgt Ion: 65 Resp: 132
 Ion Ratio Lower Upper
 65 100
 92 0.0 56.4 84.6#
 138 0.0 84.6 126.8#





#49

Acenaphthylene

Concen: 0.218 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

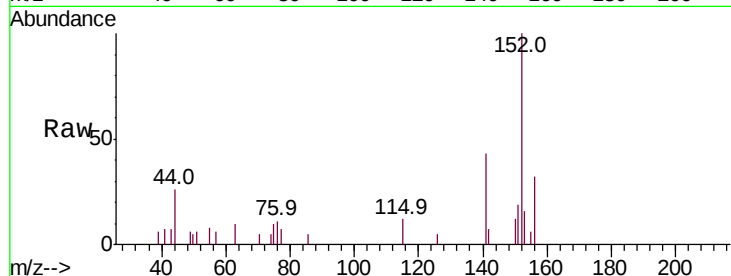
Tot Ion:152 Resp: 6148

Ion Ratio Lower Upper

152 100

151 18.9 16.9 25.3

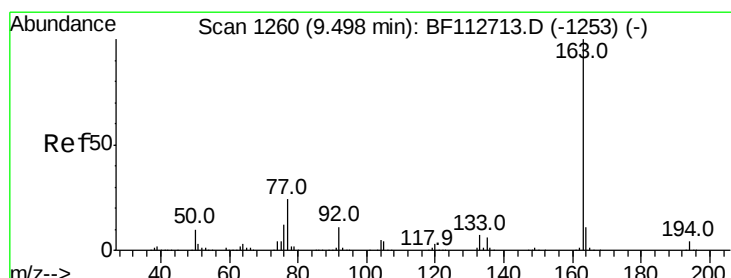
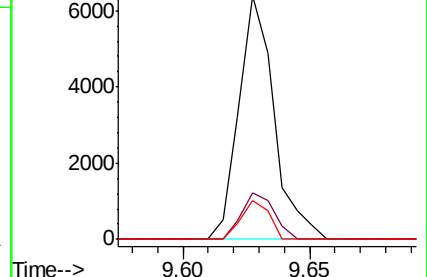
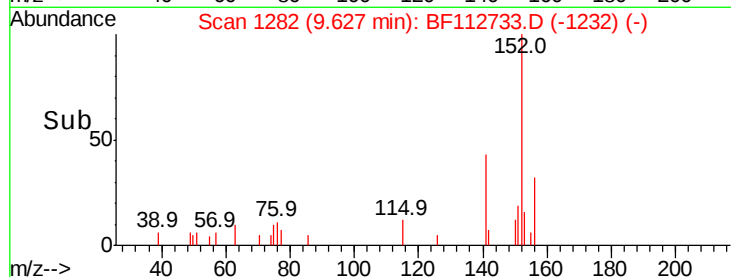
153 15.9 11.0 16.6



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: 0.992 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

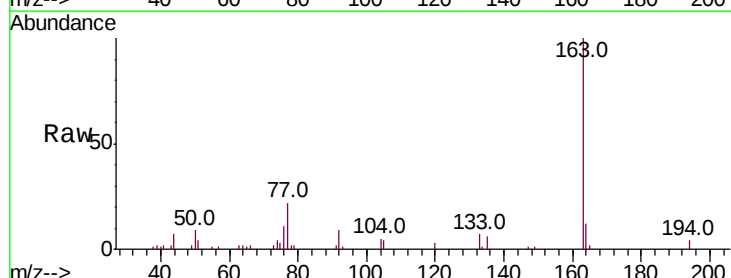
Tgt Ion:163 Resp: 19053

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

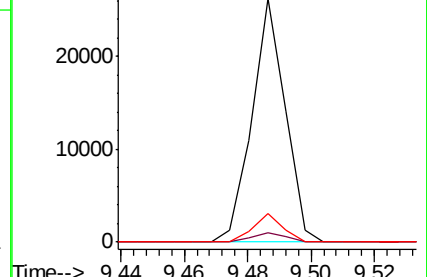
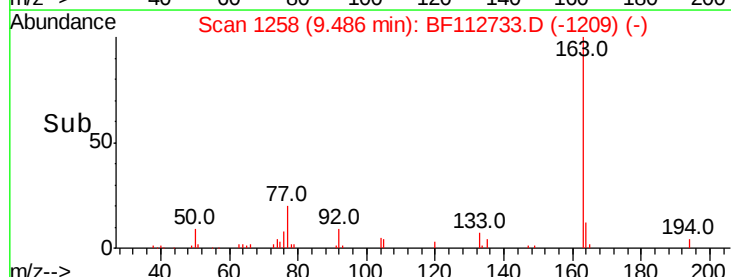
164 11.6 8.4 12.6

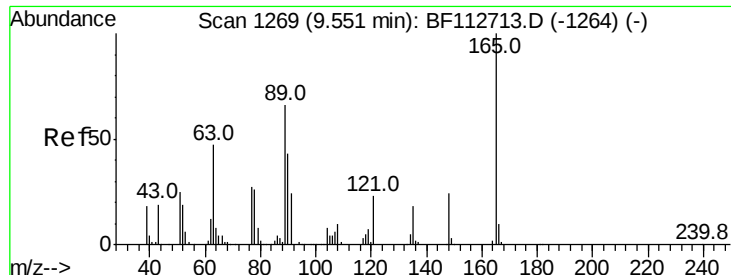


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

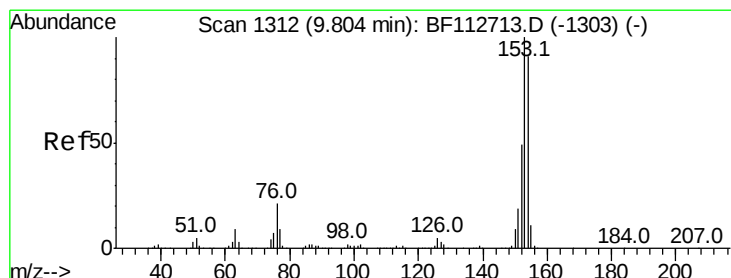
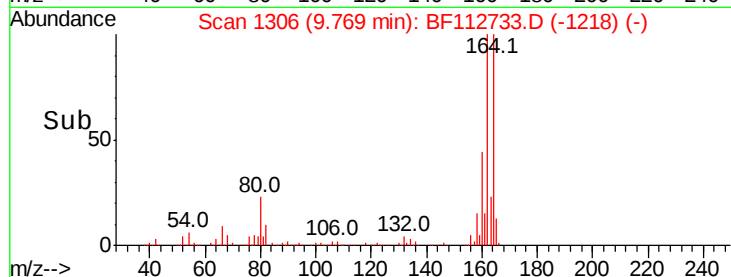
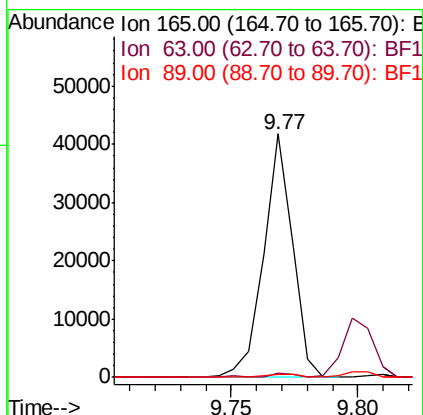
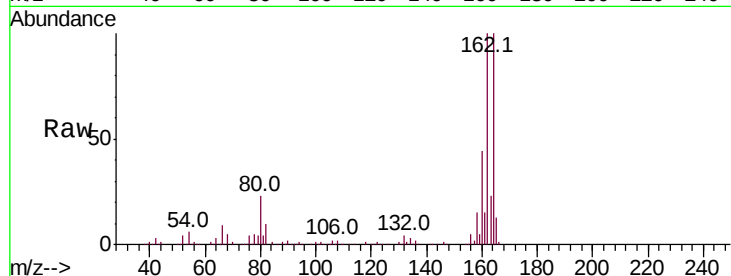




#51
 2,6-Dinitrotoluene
 Concen: 8.361 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF112733.D
 Acq: 27 Feb 2019 21:52

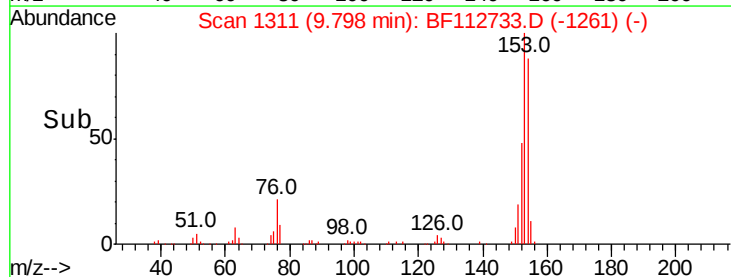
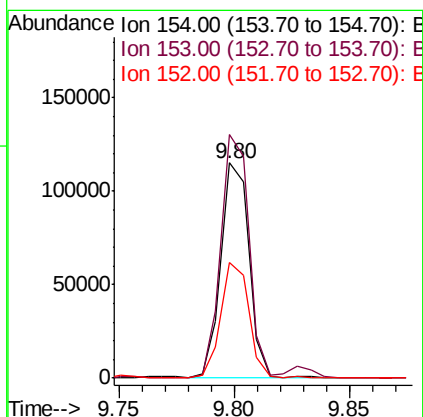
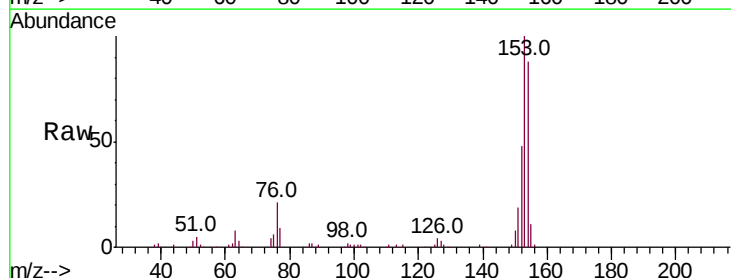
Instrument :
 BNA_F
 ClientSampled :
 SR-11-D

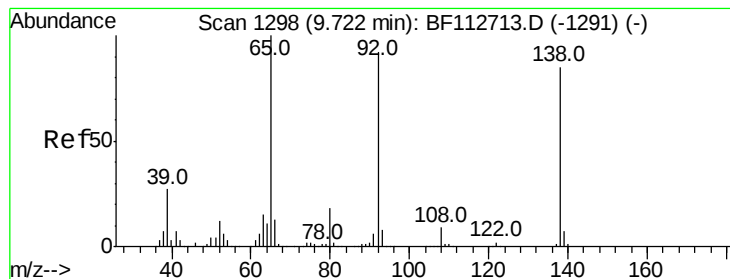
Tot Ion:165 Resp: 33425
 Ion Ratio Lower Upper
 165 100
 63 1.6 54.1 81.1#
 89 1.5 52.8 79.2#



#52
 Acenaphthene
 Concen: 5.921 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF112733.D
 Acq: 27 Feb 2019 21:52

Tgt Ion:154 Resp: 97469
 Ion Ratio Lower Upper
 154 100
 153 113.2 87.8 131.8
 152 54.0 43.0 64.6





#53

3-Nitroaniline

Concen: 0.280 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.25 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

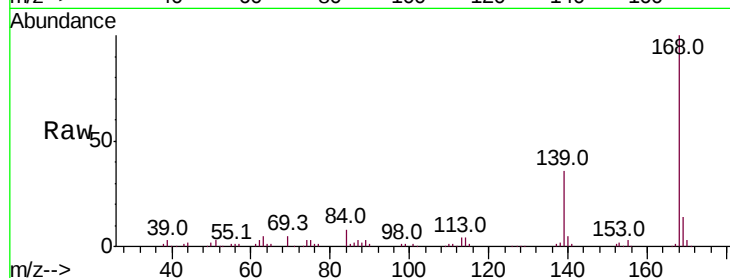
Tot Ion:138 Resp: 1362

Ion Ratio Lower Upper

138 100

108 0.0 8.6 13.0#

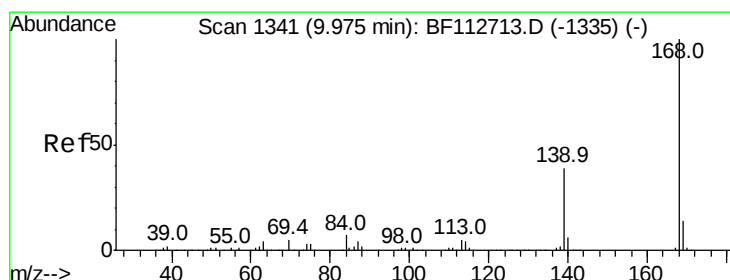
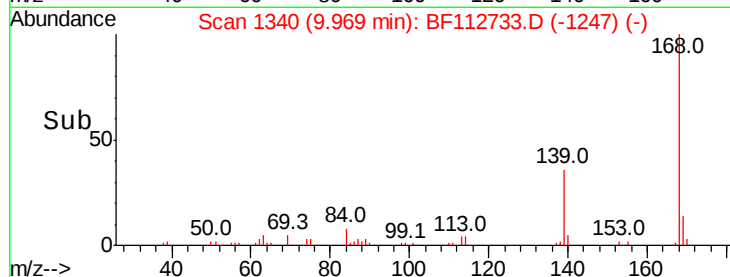
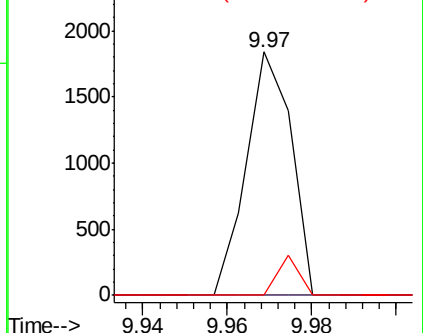
92 0.0 86.6 129.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#55

Dibenzofuran

Concen: 3.967 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

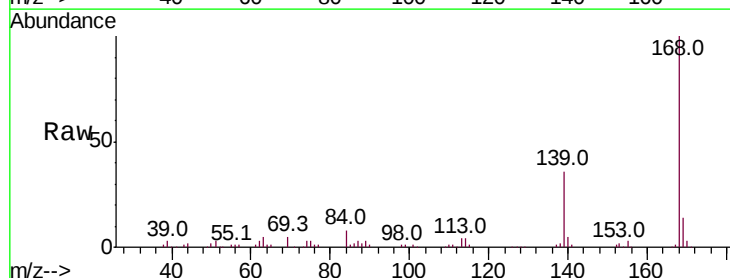
Tgt Ion:168 Resp: 94916

Ion Ratio Lower Upper

168 100

139 35.9 31.3 46.9

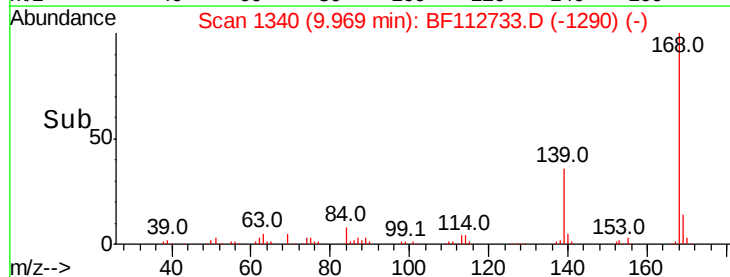
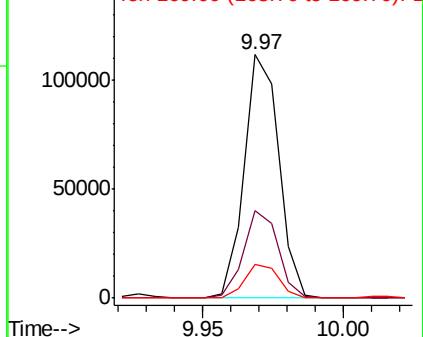
169 14.0 11.3 16.9

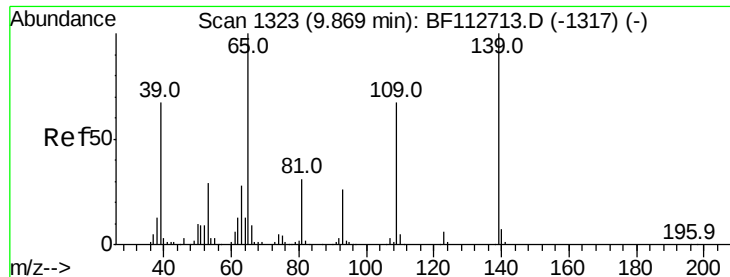


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 8.548 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.10 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampled :

SR-11-D

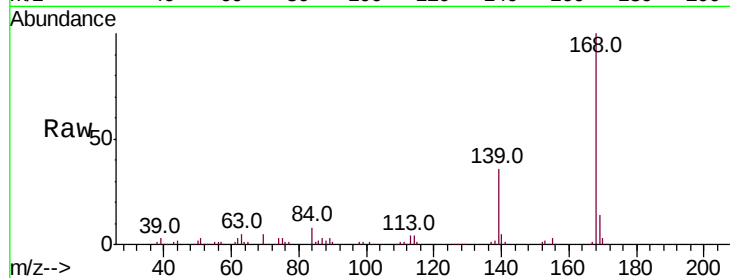
Tot Ion:139 Resp: 33840

Ion Ratio Lower Upper

139 100

109 0.9 46.8 86.8#

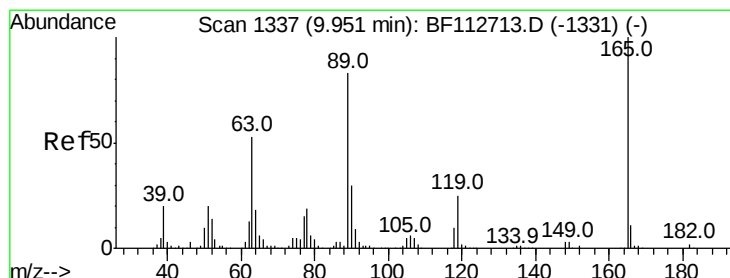
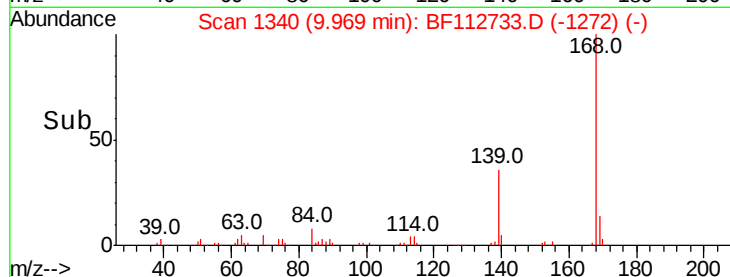
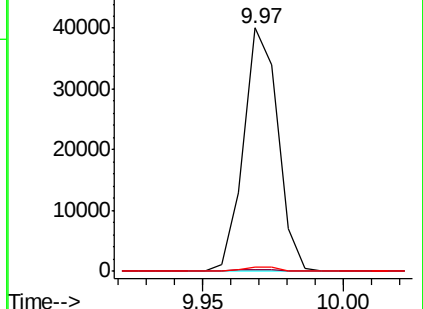
65 1.9 80.7 120.7#



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: 6.726 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.18 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Tgt Ion:165 Resp: 33425

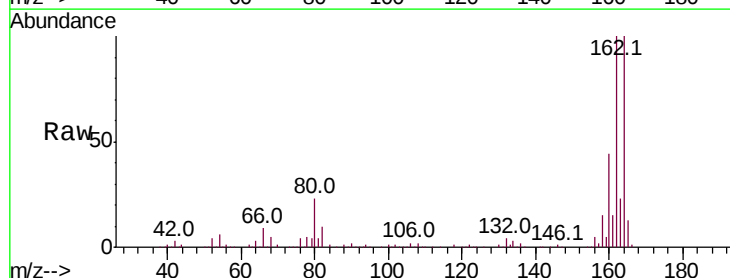
Ion Ratio Lower Upper

165 100

63 1.6 42.2 63.2#

89 1.5 66.2 99.4#

182 0.0 1.8 2.6#

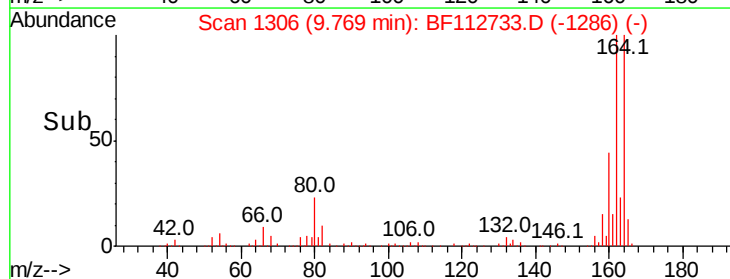
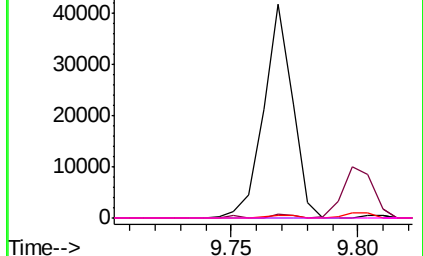


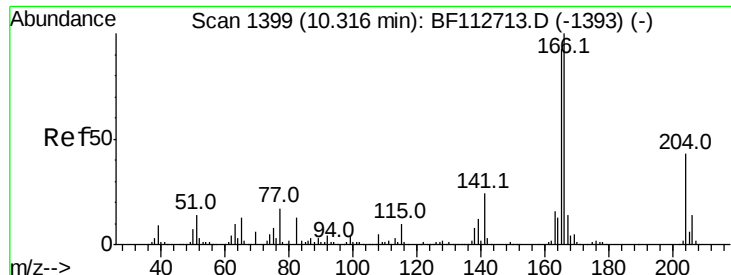
Abundance Ion 165.00 (164.70 to 165.70): E

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: 7.617 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

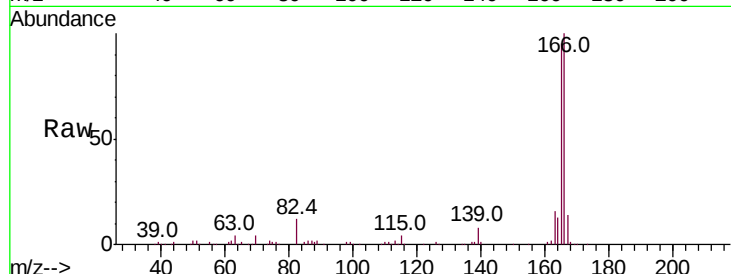
Tot Ion:166 Resp: 129344

Ion Ratio Lower Upper

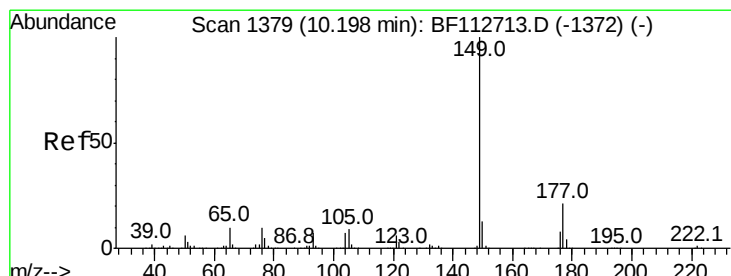
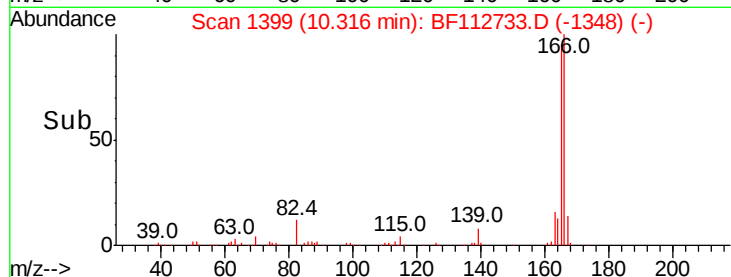
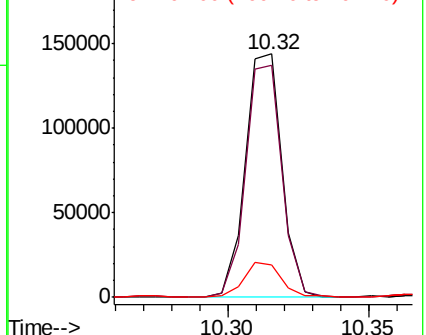
166 100

165 95.2 74.7 112.1

167 13.5 11.0 16.6



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



#60

Diethylphthalate

Concen: 0.017 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

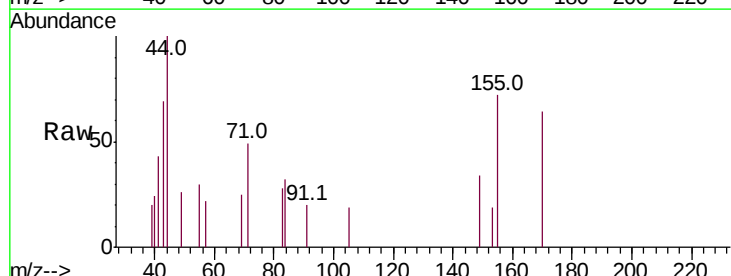
Tgt Ion:149 Resp: 348

Ion Ratio Lower Upper

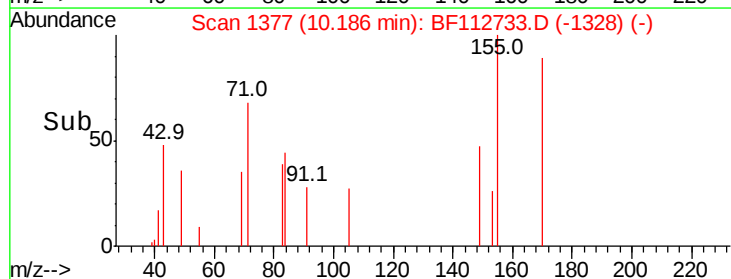
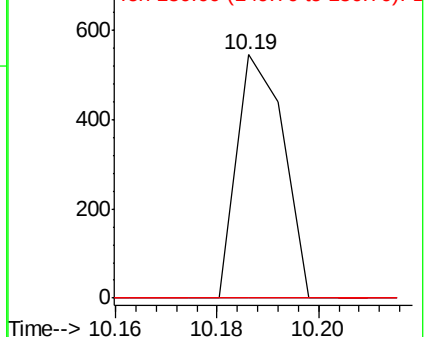
149 100

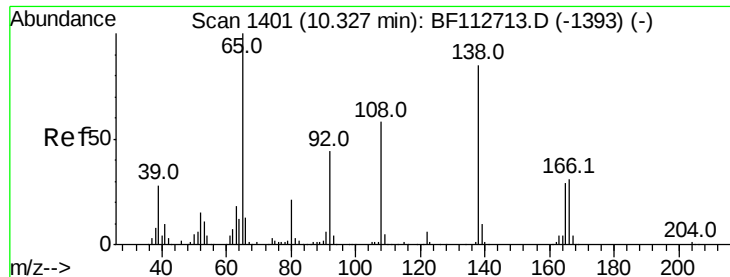
177 0.0 17.0 25.6#

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





#62

4-Nitroaniline

Concen: 0.314 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.02 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

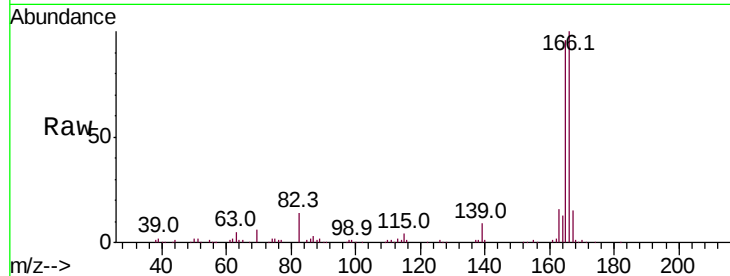
Tot Ion:138 Resp: 1415

Ion Ratio Lower Upper

138 100

92 0.0 31.3 71.3#

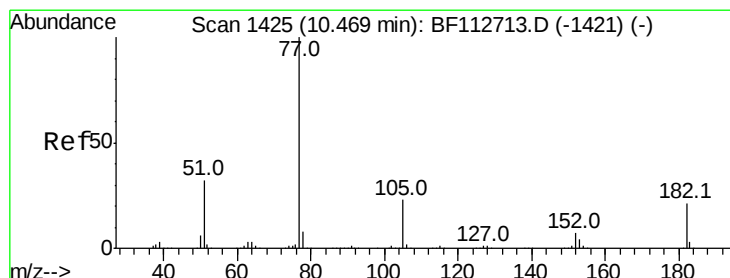
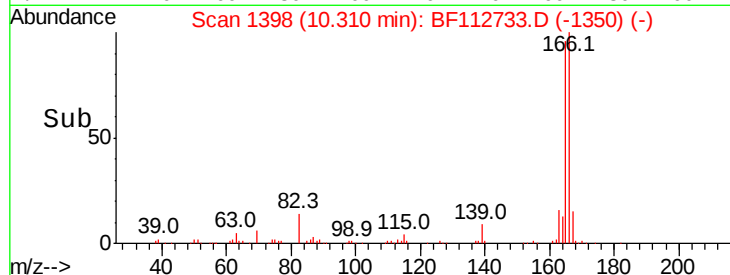
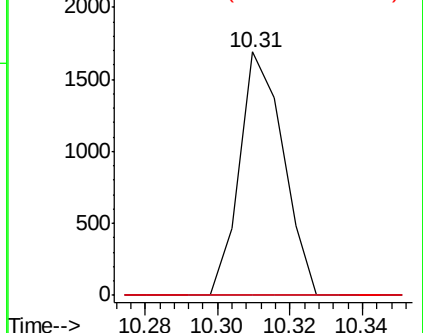
108 0.0 48.1 88.1#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 0.057 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Tgt Ion: 77 Resp: 1186

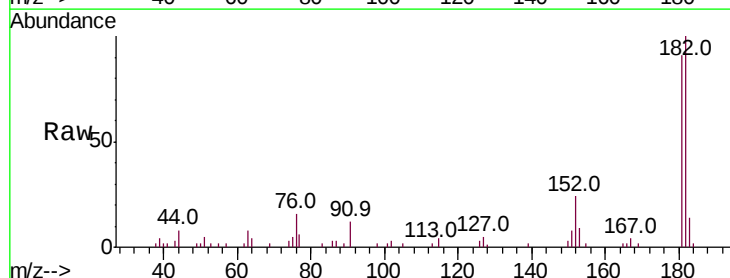
Ion Ratio Lower Upper

77 100

182 1805.7 1.4 41.4#

105 33.6 2.6 42.6

51 96.2 12.0 52.0#

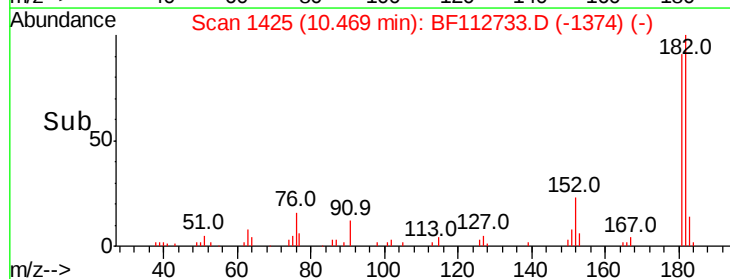
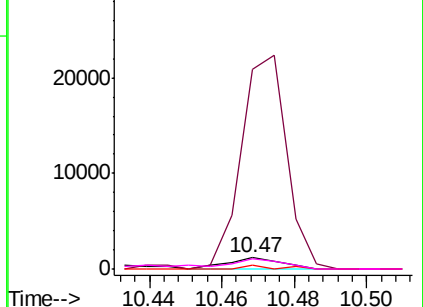


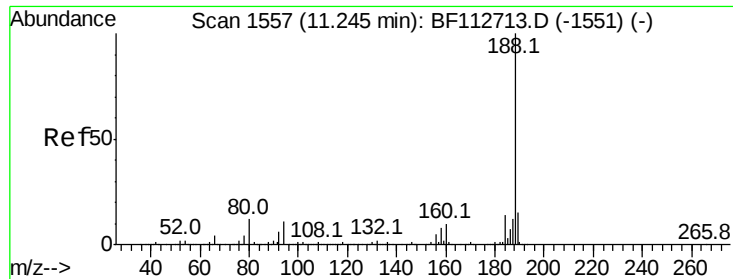
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

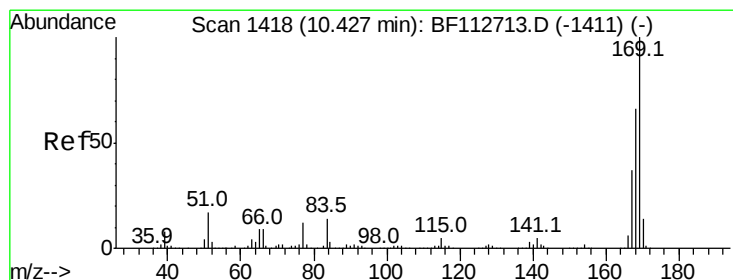
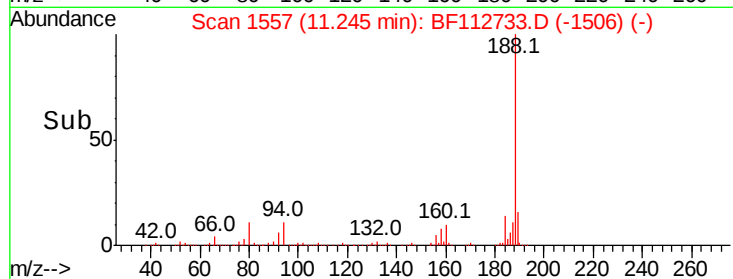
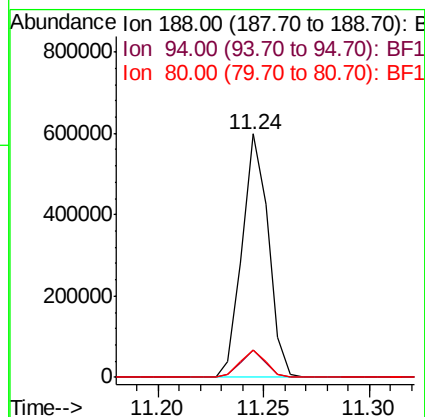
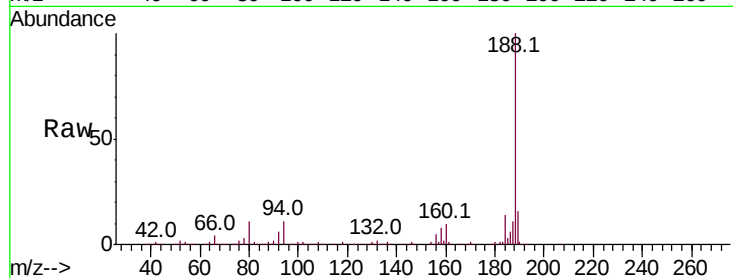




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

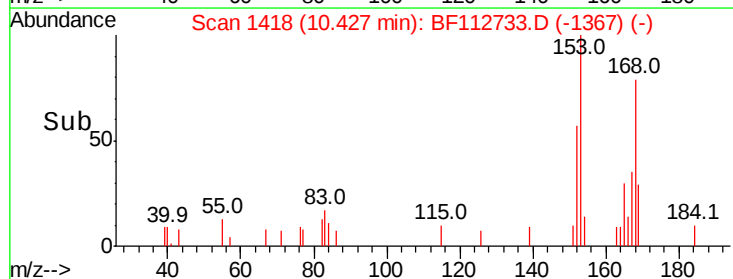
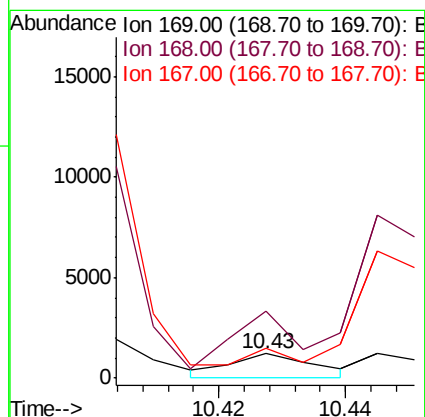
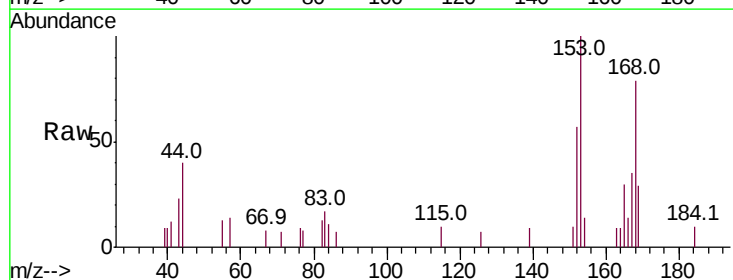
Instrument :
BNA_F
ClientSampleId :
SR-11-D

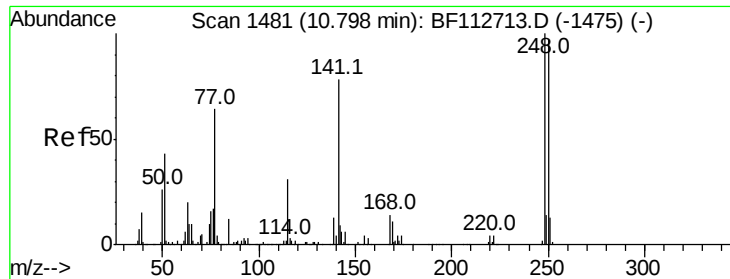
Tot Ion:188 Resp: 513013
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.4
80 11.3 9.2 13.8



#66
n-Nitrosodiphenylamine
Concen: 0.065 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Tgt Ion:169 Resp: 1075
Ion Ratio Lower Upper
169 100
168 277.2 53.0 79.6#
167 122.1 29.3 43.9#

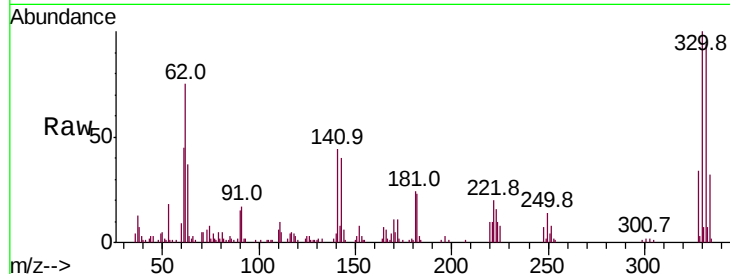




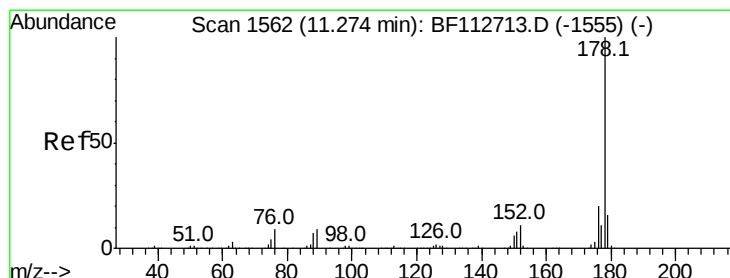
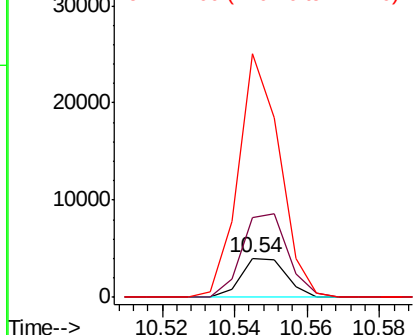
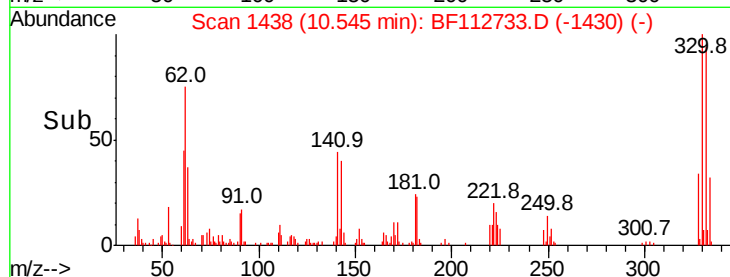
#67
 4-Bromophenyl-phenylether
 Concen: 0.649 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112733.D
 Acq: 27 Feb 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 SR-11-D

Tot Ion:248 Resp: 3509
 Ion Ratio Lower Upper
 248 100
 250 155.3 77.5 116.3#
 141 470.6 62.4 93.6#

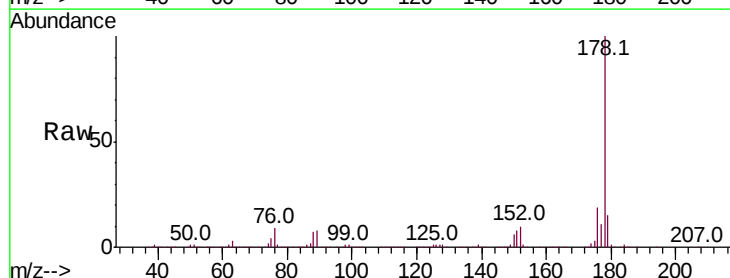


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

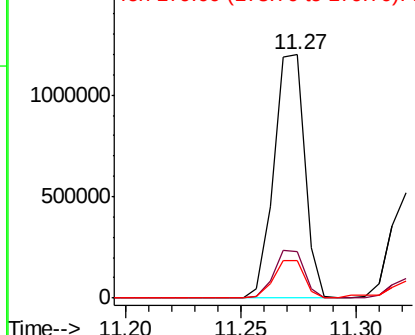
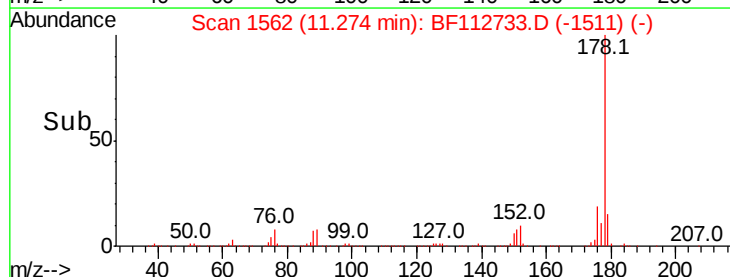


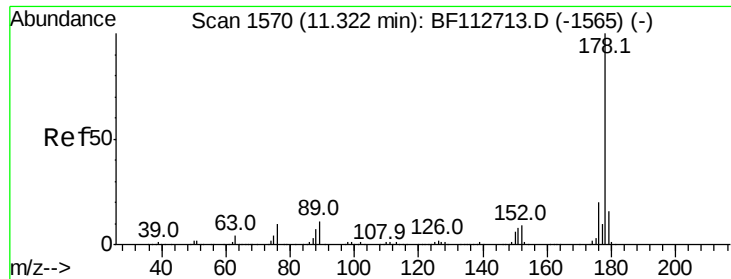
#71
 Phenanthrene
 Concen: 43.605 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF112733.D
 Acq: 27 Feb 2019 21:52

Tgt Ion:178 Resp: 1113004
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.3 24.5
 179 15.2 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: 15.396 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

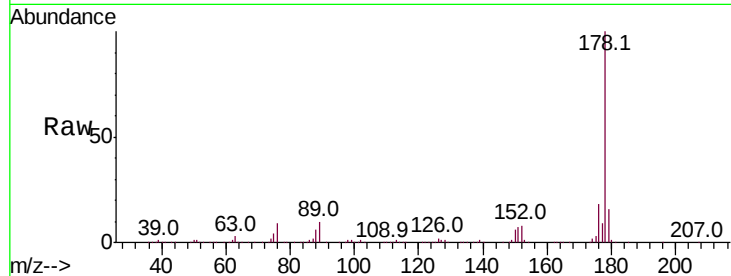
Tot Ion:178 Resp: 411351

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.6

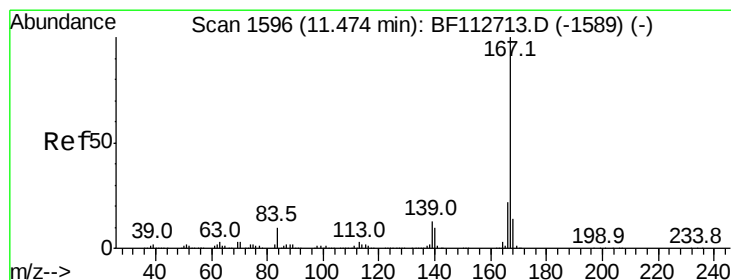
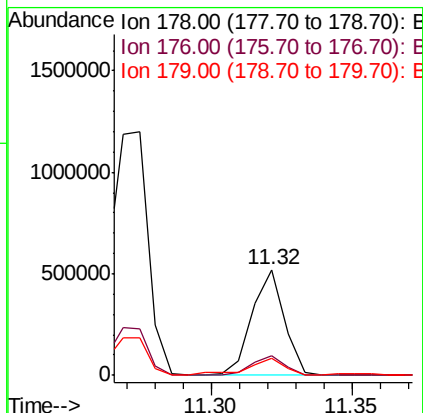
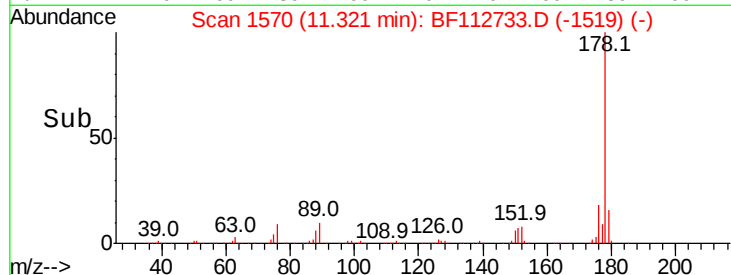
179 16.0 13.0 19.6



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: 3.951 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

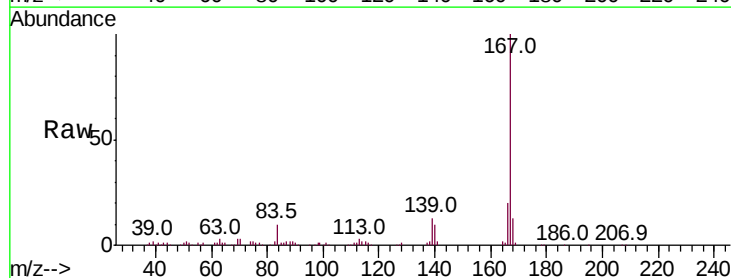
Tgt Ion:167 Resp: 102976

Ion Ratio Lower Upper

167 100

166 20.1 17.5 26.3

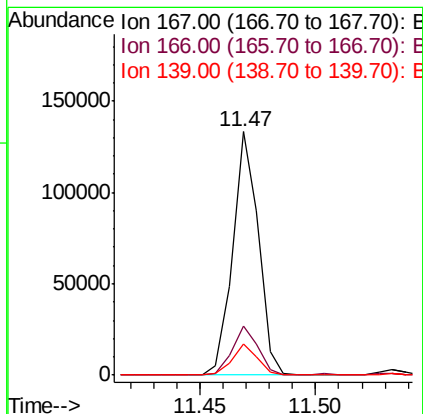
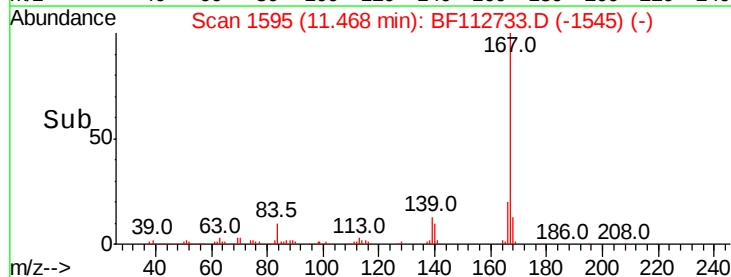
139 12.6 10.8 16.2

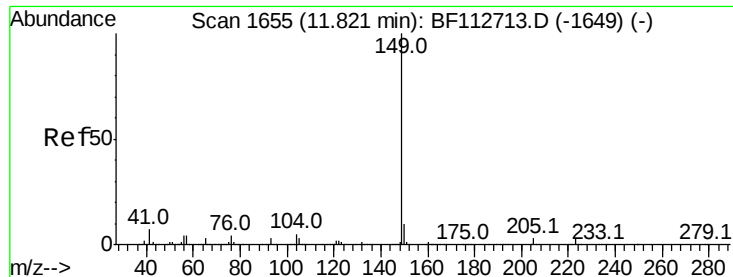


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.037 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

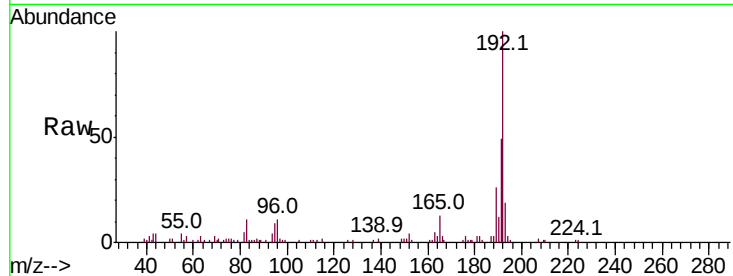
Tot Ion:149 Resp: 1160

Ion Ratio Lower Upper

149 100

150 77.8 7.6 11.4#

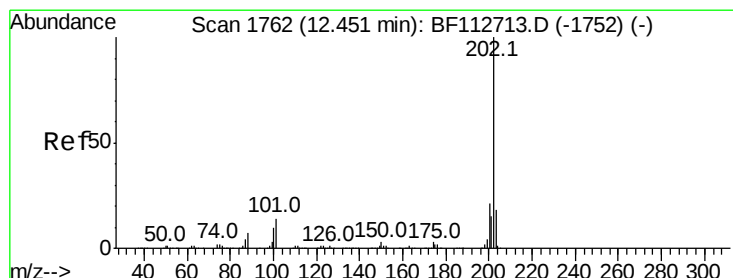
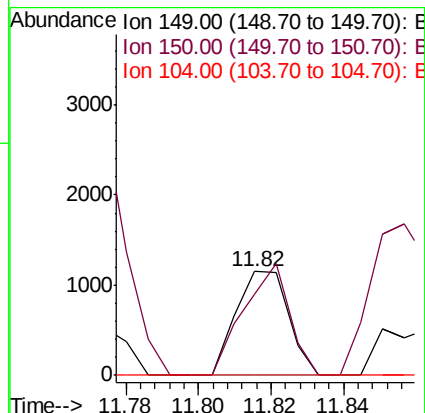
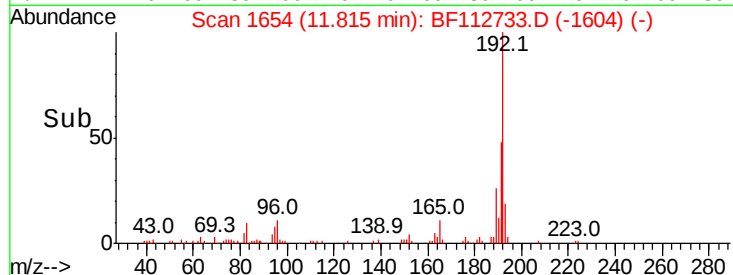
104 0.0 3.7 5.5#



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: 60.074 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

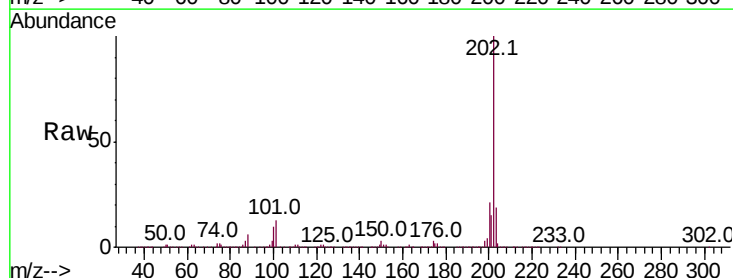
Tgt Ion:202 Resp: 1642813

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.8

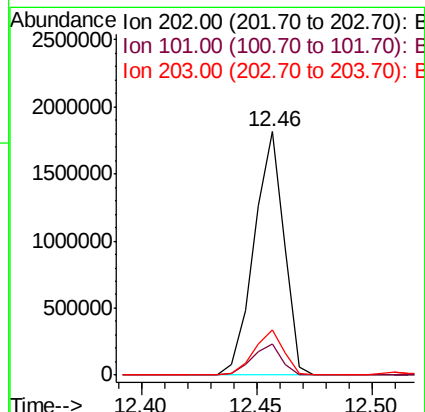
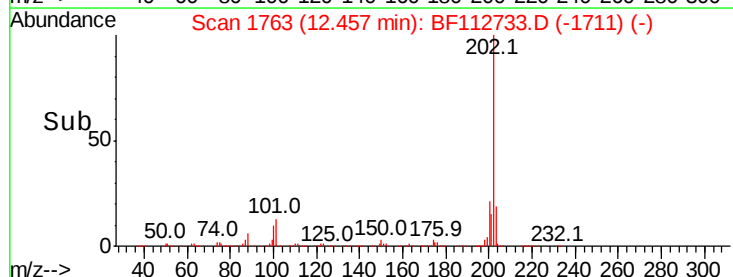
203 18.5 0.0 38.4

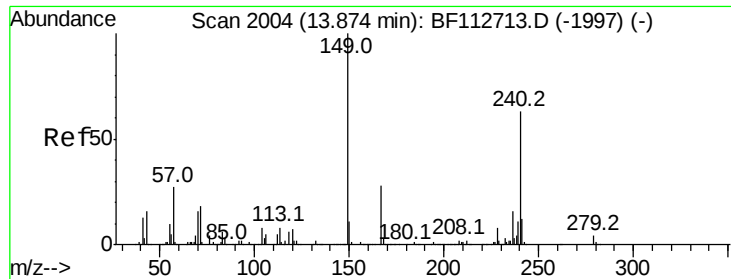


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

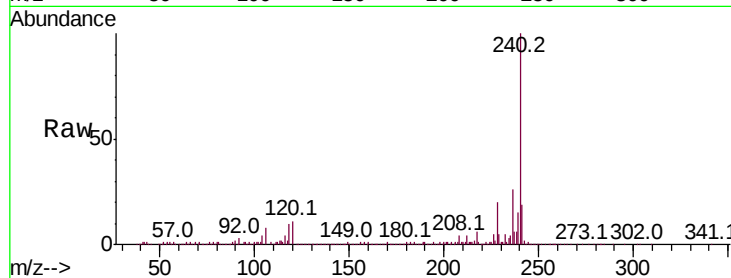




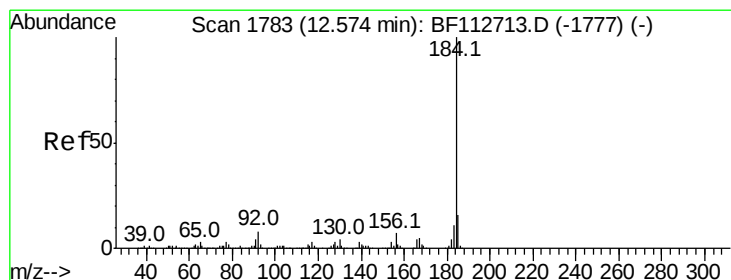
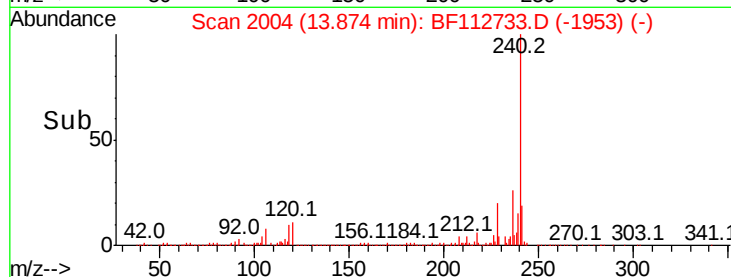
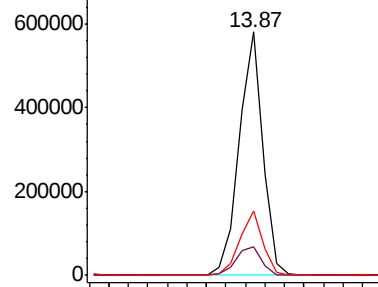
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Instrument :
BNA_F
ClientSampleId :
SR-11-D

Tot Ion:240 Resp: 486245
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.2 20.7 31.1

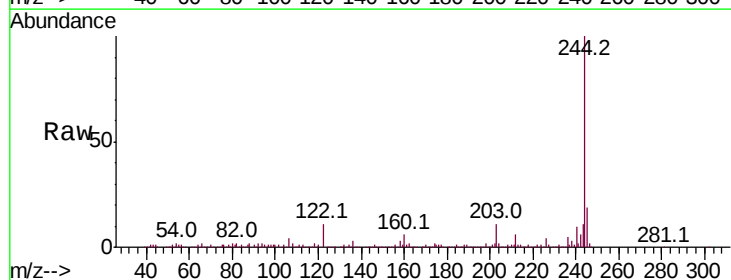


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

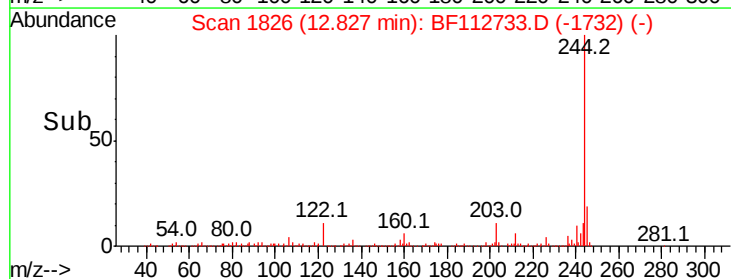
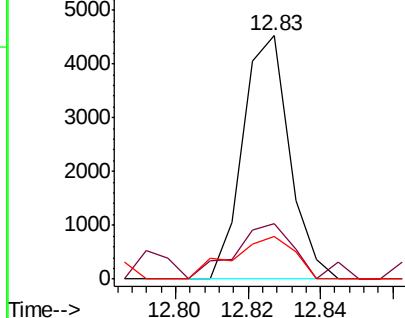


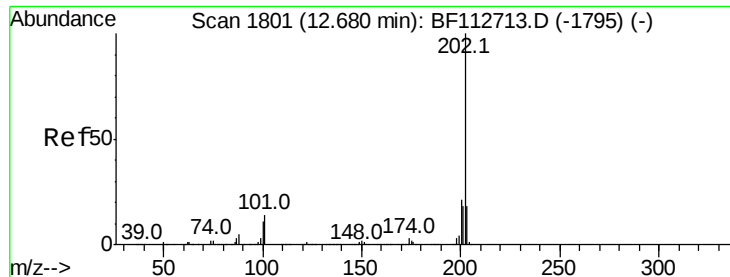
#77
Benzidine
Concen: 0.160 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.25 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Tgt Ion:184 Resp: 4041
Ion Ratio Lower Upper
184 100
185 22.8 12.6 18.8#
183 17.4 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

Pvrene

Concen: 34.562 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

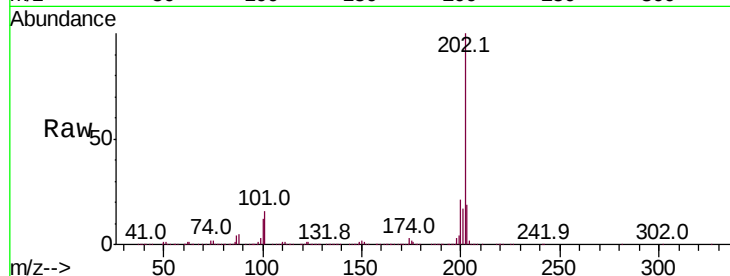
Tot Ion:202 Resp: 1416742

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

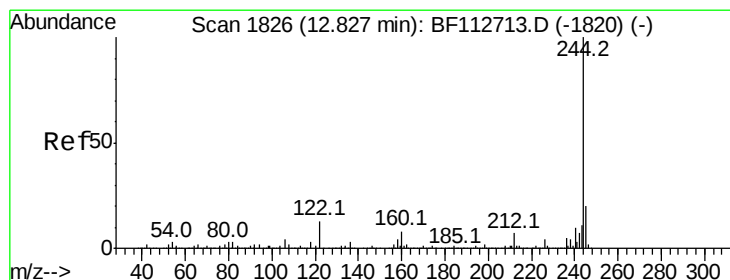
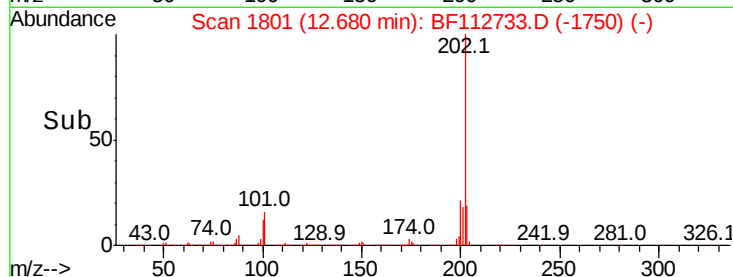
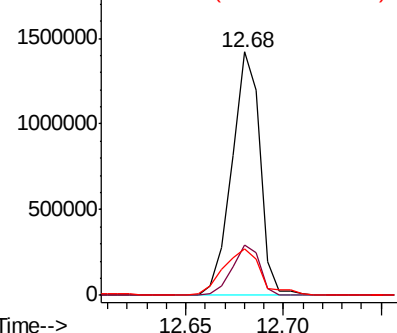
203 18.9 14.4 21.6



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: 12.579 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

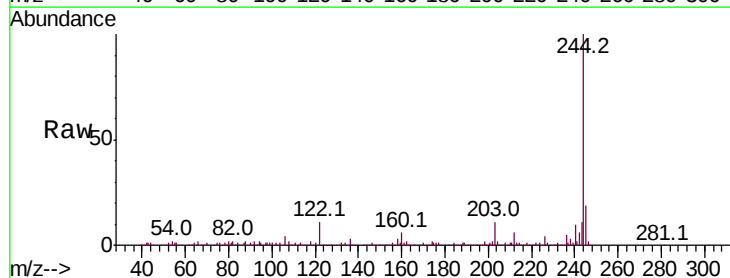
Tgt Ion:244 Resp: 315530

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

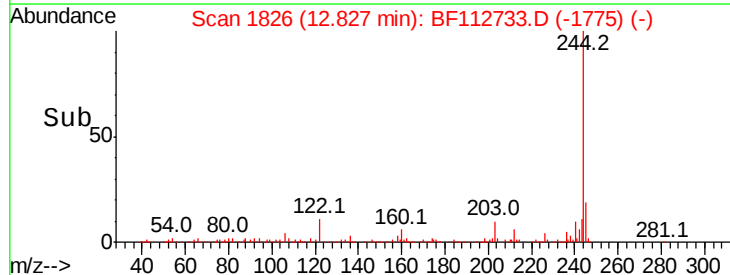
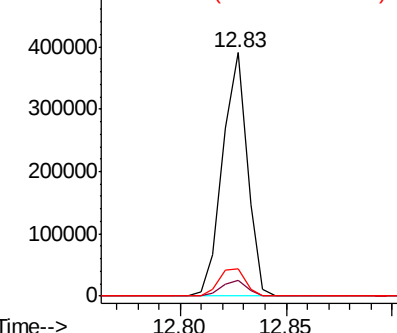
122 11.1 10.5 15.7

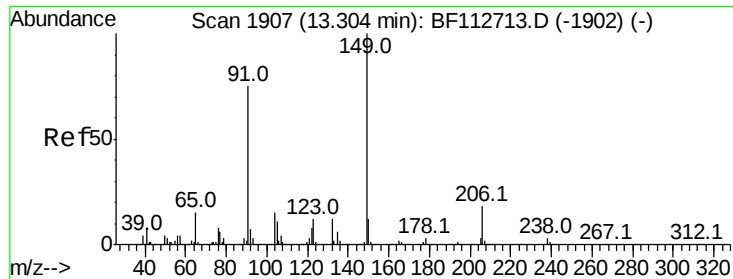


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

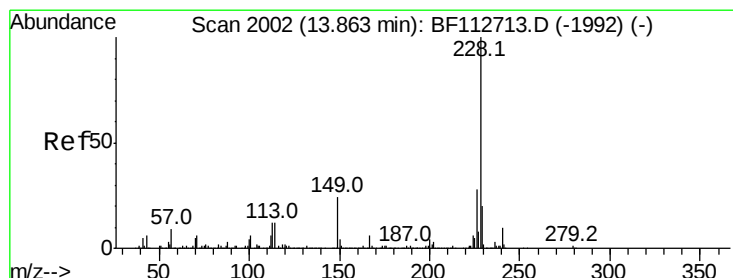
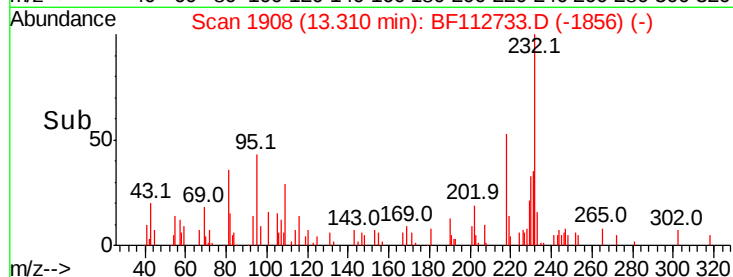
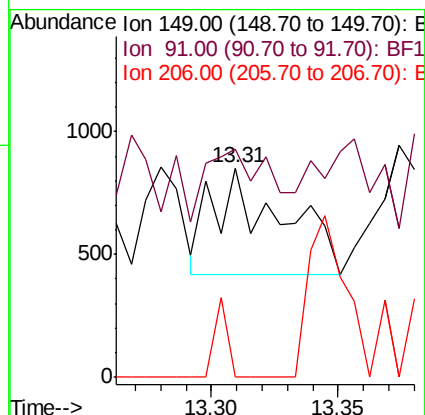
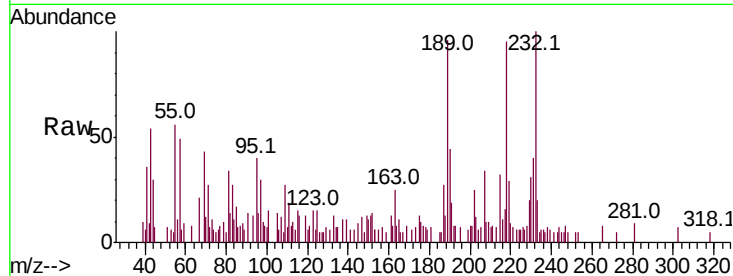




#80
Butylbenzylphthalate
Concen: 0.046 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

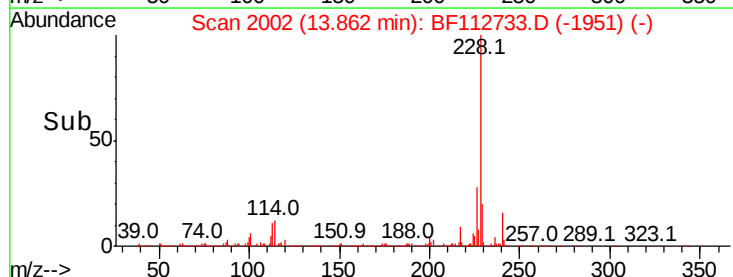
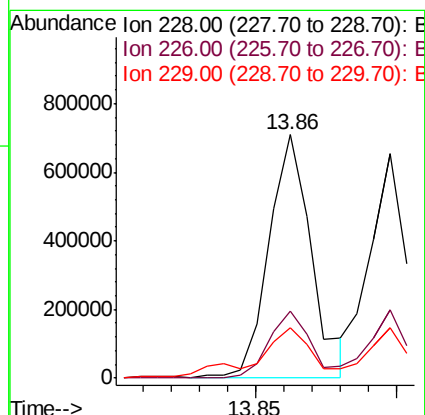
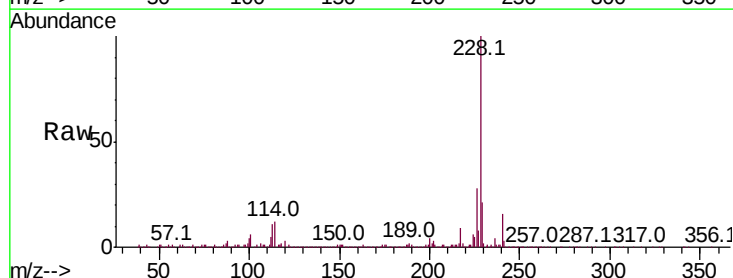
Instrument :
BNA_F
ClientSampled :
SR-11-D

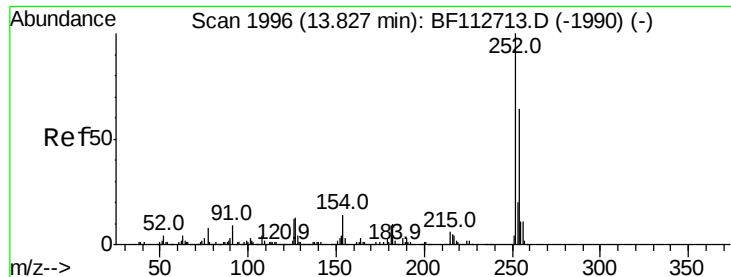
Tot Ion:149 Resp: 825
Ion Ratio Lower Upper
149 100
91 109.2 59.9 89.9#
206 0.0 14.7 22.1#



#81
Benzo(a)anthracene
Concen: 21.769 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Tgt Ion:228 Resp: 733607
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 20.6 16.0 24.0

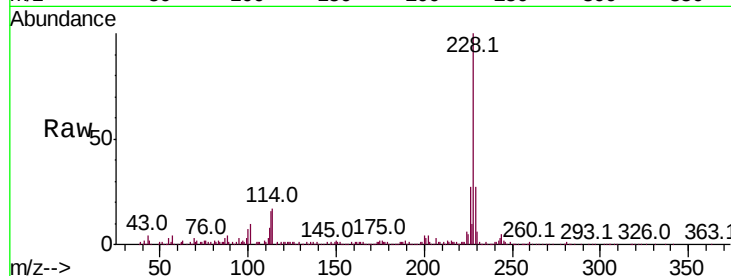




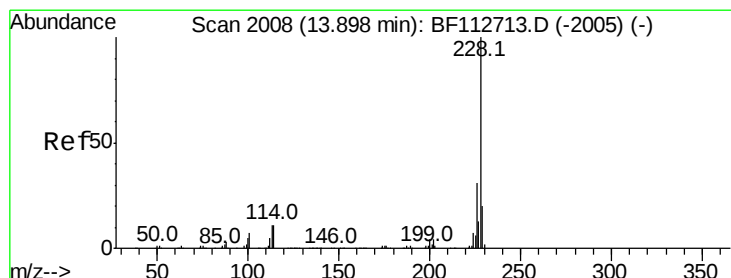
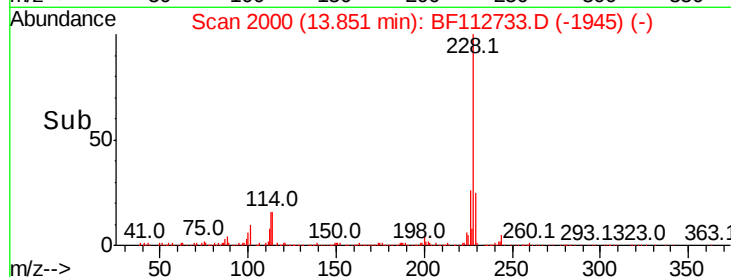
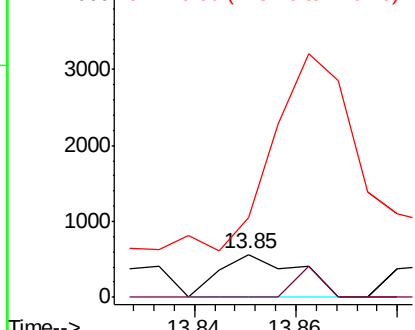
#82
 3,3'-Dichlorobenzidine
 Concen: 0.048 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.02 min
 Lab File: BF112733.D
 Acq: 27 Feb 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 SR-11-D

Tot Ion:252 Resp: 606
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.1 76.7#
 126 186.2 9.9 14.9#



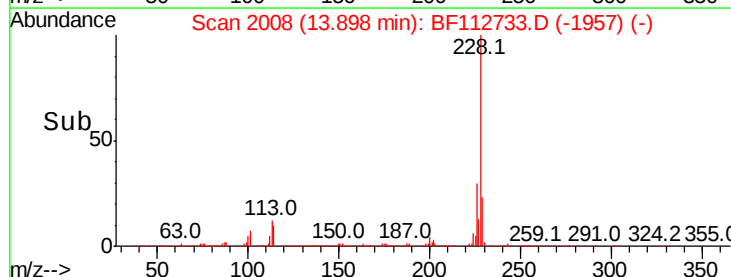
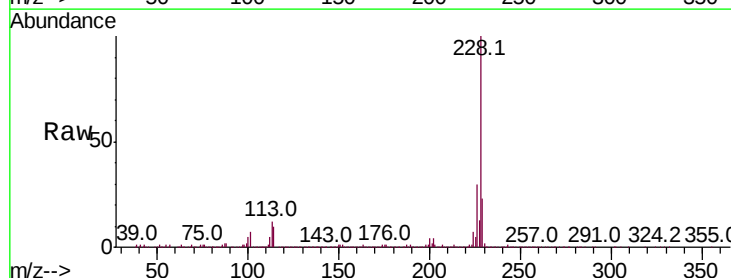
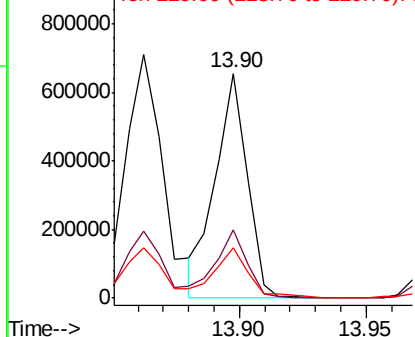
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

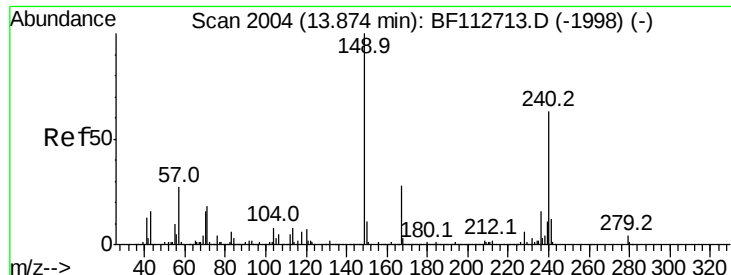


#83
 Chrysene
 Concen: 17.283 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF112733.D
 Acq: 27 Feb 2019 21:52

Tgt Ion:228 Resp: 570506
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 22.7 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: 0.255 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

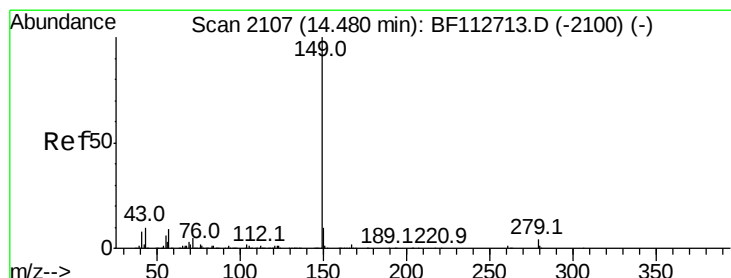
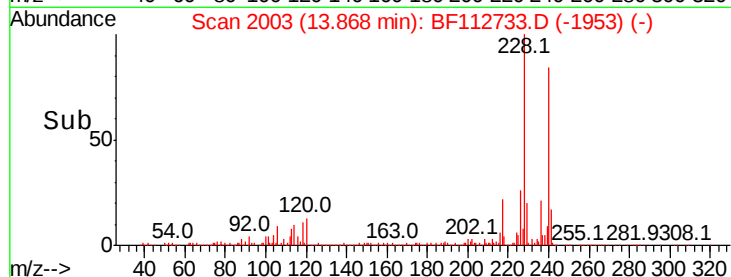
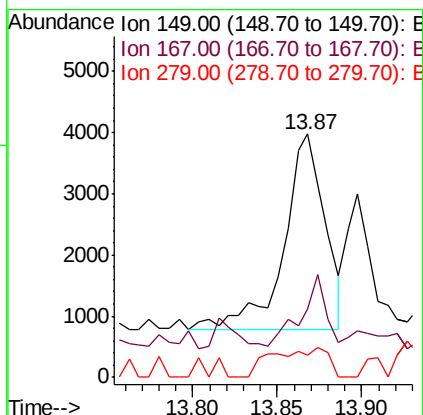
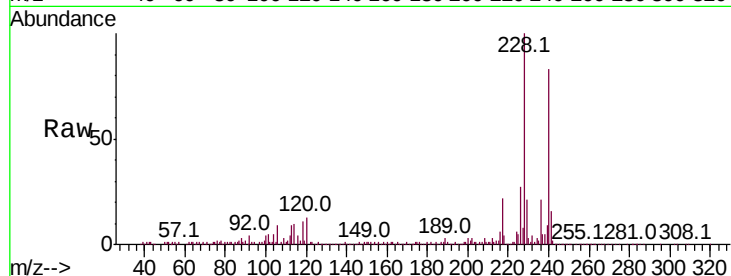
Tot Ion:149 Resp: 5402

Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

279 9.1 3.3 4.9#



#85

Di-n-octyl phthalate

Concen: 0.013 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

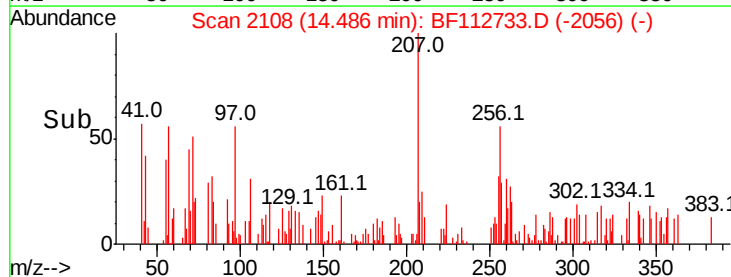
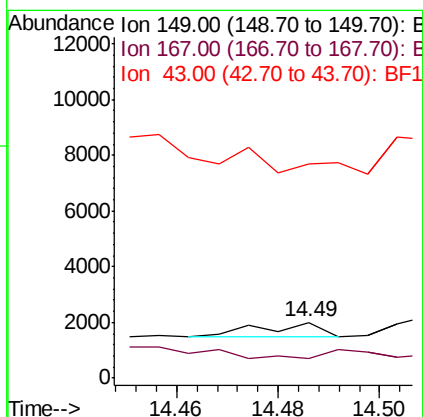
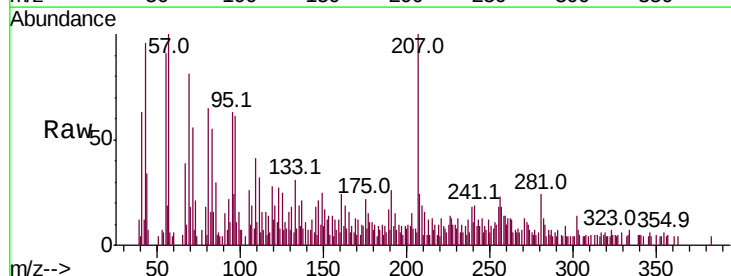
Tgt Ion:149 Resp: 463

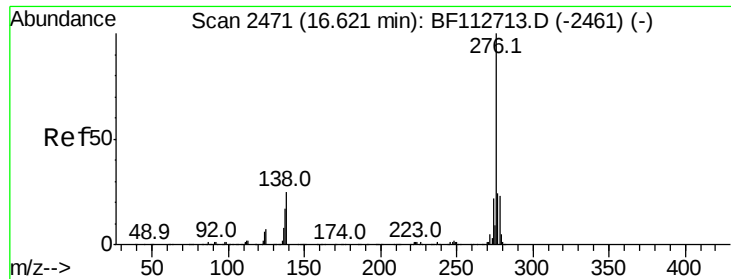
Ion Ratio Lower Upper

149 100

167 46.4 1.2 1.8#

43 0.0 9.0 13.4#

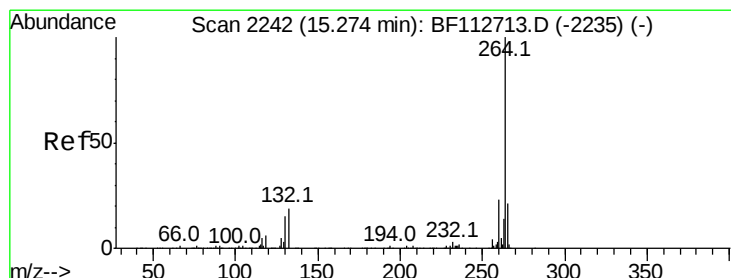
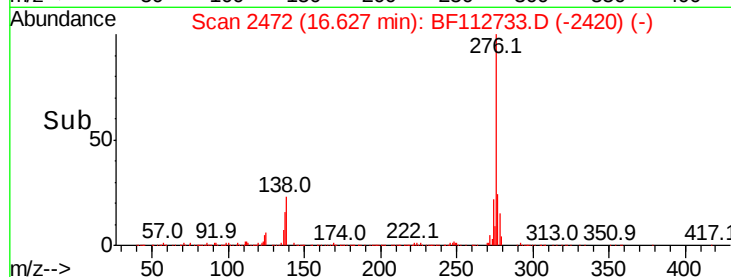
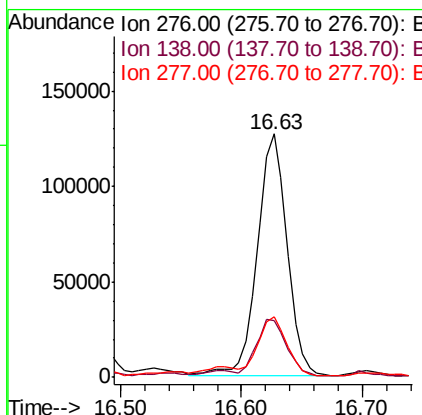
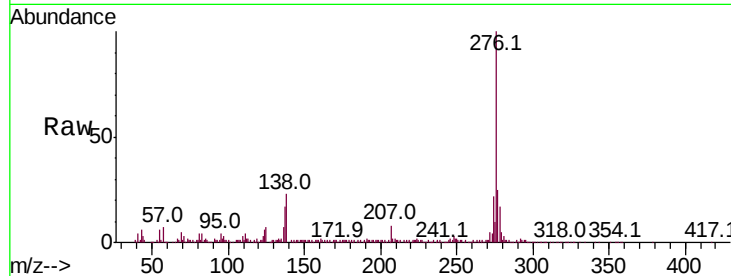




#86
Indeno(1,2,3-cd)pyrene
Concen: 7.698 ng
RT: 16.63 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

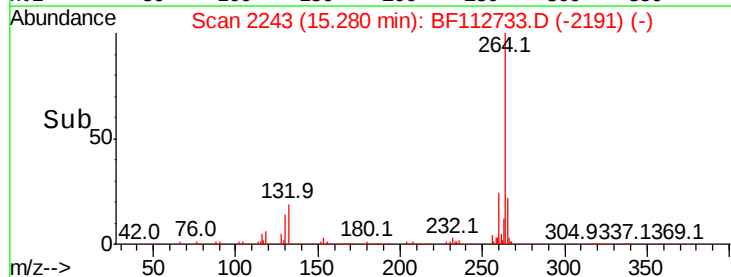
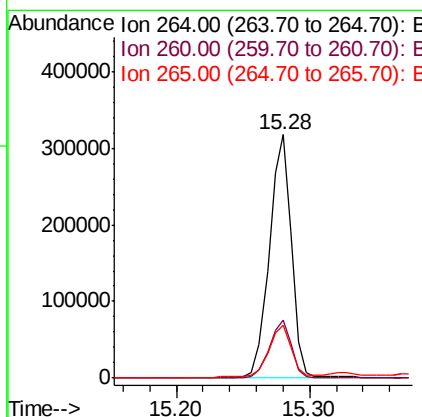
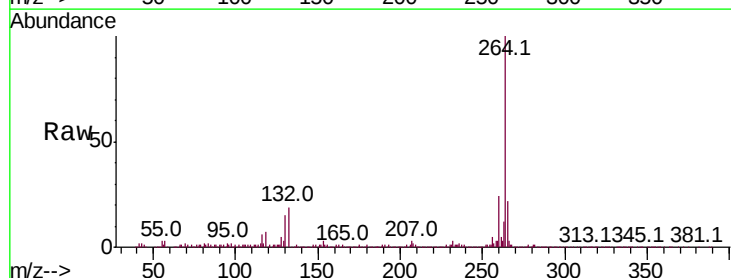
Instrument :
BNA_F
ClientSampleId :
SR-11-D

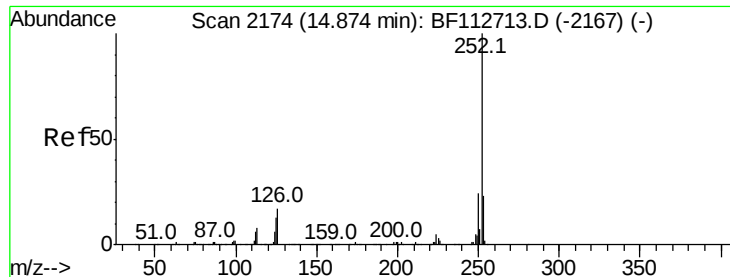
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	23.2	34.8
277	23.2	19.9	29.9



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.8	17.2	25.8

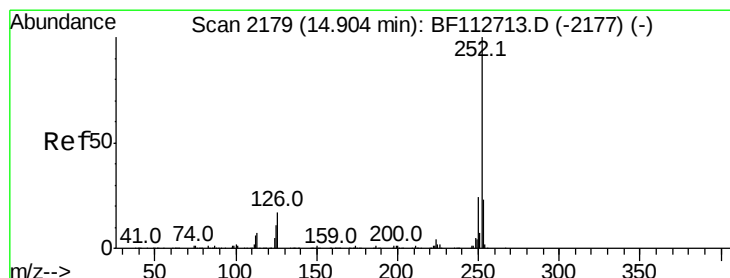
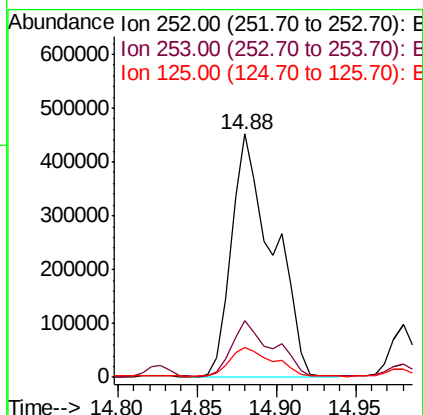
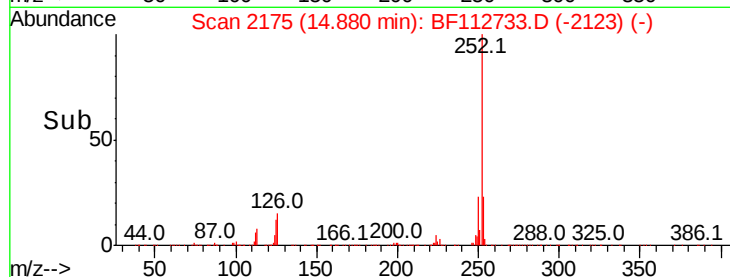
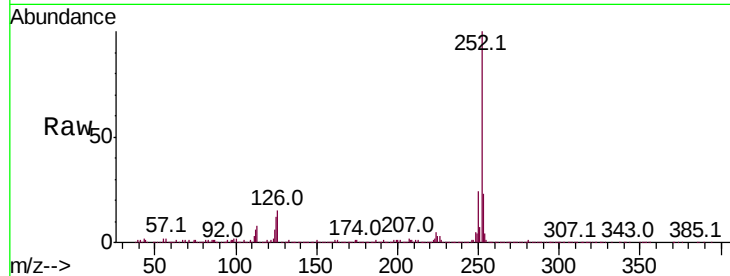




#88
Benzo(b)fluoranthene
Concen: 34.529 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

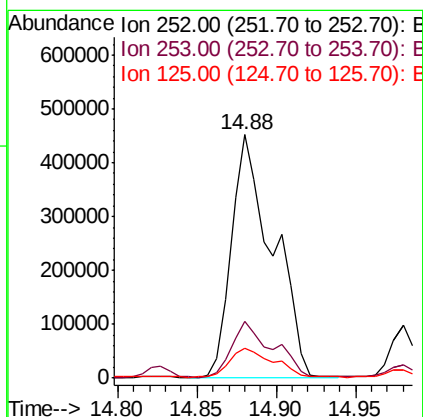
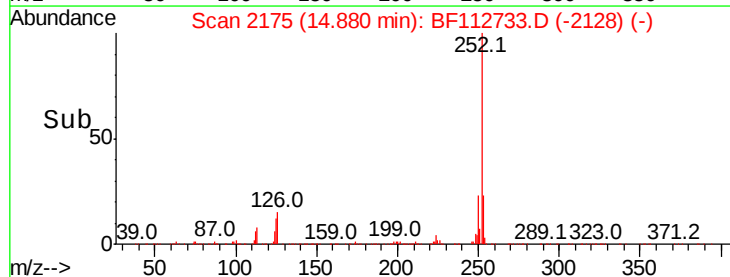
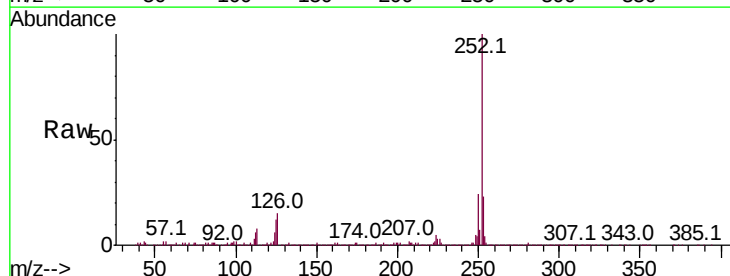
Instrument :
BNA_F
ClientSampleId :
SR-11-D

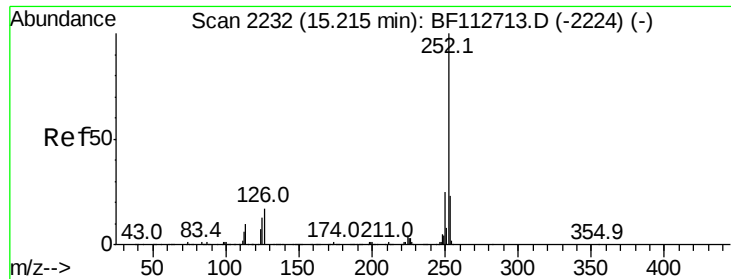
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	12.4	10.2	15.2



#89
Benzo(k)fluoranthene
Concen: 38.119 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112733.D
Acq: 27 Feb 2019 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	12.4	9.8	14.6





#90

Benzo(a)pyrene

Concen: 19.733 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

Instrument :

BNA_F

ClientSampleId :

SR-11-D

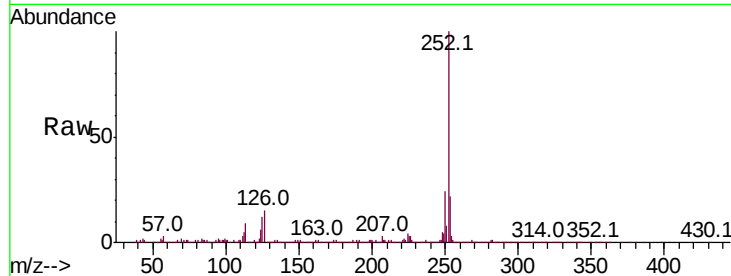
Tot Ion:252 Resp: 411434

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

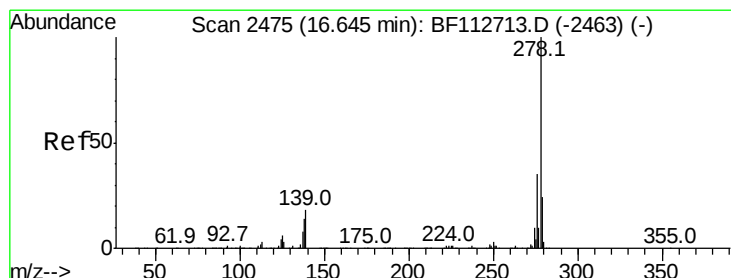
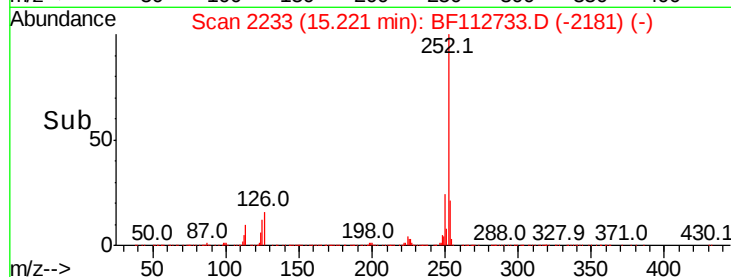
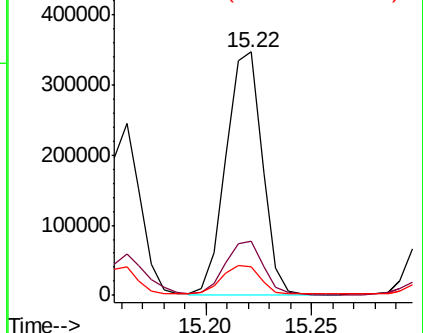
125 11.6 10.7 16.1



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: 2.392 ng

RT: 16.79 min Scan# 2500

Delta R.T. 0.15 min

Lab File: BF112733.D

Acq: 27 Feb 2019 21:52

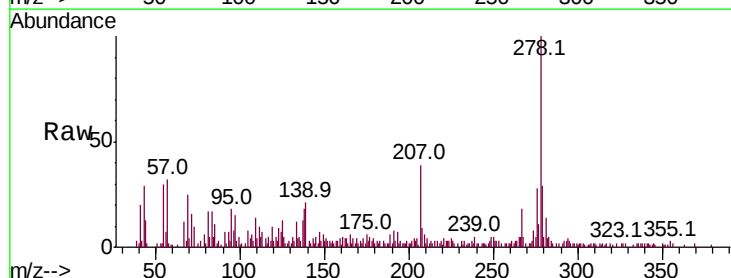
Tgt Ion:278 Resp: 42565

Ion Ratio Lower Upper

278 100

139 21.5 14.3 21.5

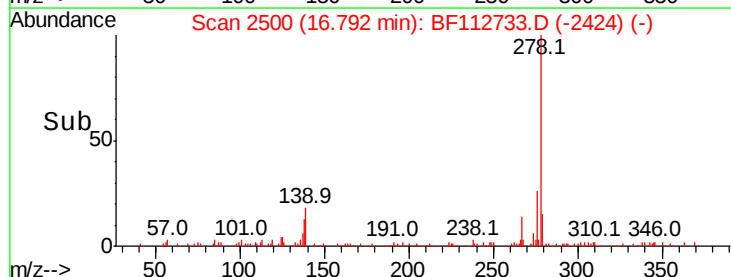
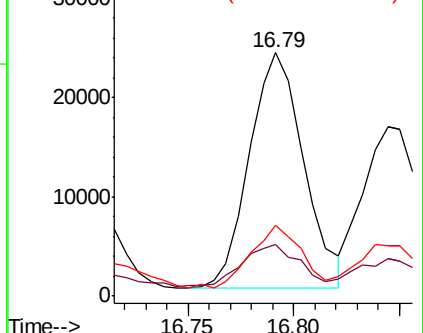
279 28.9 19.4 29.0

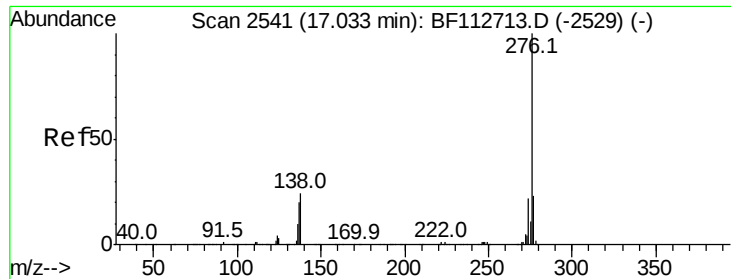


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 10.893 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BF112733.D
 Acq: 27 Feb 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :
 SR-11-D

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	27.8
138	23.1	19.4	29.0

