

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112032.D
 Acq On : 11 Jan 2019 22:55
 Operator : JU/SJ
 Sample : K1102-03 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 00:59:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	17771	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	59672	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	27863	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	45008	20.00	ng	0.01
76) Chrysene-d12	14.07	240	30280	20.00	ng	0.02
87) Perylene-d12	15.56	264	30458	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	107234	103.23	ng	0.00
7) Phenol-d6	6.52	99	136337	101.83	ng	0.00
23) Nitrobenzene-d5	7.43	82	77824	69.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	30968	85.45	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	144863	75.81	ng	0.00
79) Terphenyl-d14	13.00	244	130064	81.54	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.41	77	584	Below Cal		# 1
15) Benzyl Alcohol	7.03	79	2290	2.162	ng	# 41
18) Hexachloroethane	7.41	117	5735	12.105	ng	# 1
19) n-Nitroso-di-n-propylamine	7.30	70	3428	3.941	ng	# 67
22) Acetophenone	7.27	105	3493	2.312	ng	# 46
25) Isophorone	7.69	82	8690	4.806	ng	# 1
26) 2-Nitrophenol	7.78	139	1438	2.586	ng	# 1
35) Caprolactam	8.62	113	2244	7.428	ng	# 1
38) 1-Methylnaphthalene	8.97	142	9935	5.901	ng	# 91
48) 2-Nitroaniline	9.46	65	1341	2.398	ng	# 1
49) Acenaphthylene	9.77	152	8333	3.081	ng	# 1
50) Dimethylphthalate	9.62	163	37935	18.124	ng	# 87
51) 2,6-Dinitrotoluene	9.68	165	3280	7.008	ng	# 58
52) Acenaphthene	9.95	154	129685	74.385	ng	# 98
53) 3-Nitroaniline	9.87	138	2467	4.922	ng	# 53
55) Dibenzofuran	10.12	168	79868	31.500	ng	# 94
56) 4-Nitrophenol	10.02	139	3959	11.178	ng	# 1
57) 2,4-Dinitrotoluene	10.09	165	6730	11.128	ng	# 54
58) Fluorene	10.46	166	116446	63.116	ng	# 94
60) Diethylphthalate	10.33	149	5777	2.852	ng	# 27
62) 4-Nitroaniline	10.46	138	3928	8.262	ng	# 57
63) Azobenzene	10.62	77	4973	2.570	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.52	198	2346	8.448	ng	# 1
66) n-Nitrosodiphenylamine	10.57	169	38748	25.655	ng	# 51
69) Atrazine	11.10	200	2516	4.741	ng	# 1
70) Pentachlorophenol	11.21	266	1283	3.490	ng	# 37
71) Phenanthrene	11.43	178	111597	46.376	ng	# 89
72) Anthracene	11.49	178	58613	23.994	ng	# 82
74) Di-n-butylphthalate	11.96	149	17724	6.422	ng	# 1
75) Fluoranthene	12.63	202	158894	64.321	ng	# 91
77) Benzidine	12.73	184	4614	5.100	ng	# 1
78) Pyrene	12.63	202	158894	76.265	ng	# 96
80) Butylbenzylphthalate	13.46	149	5742	6.519	ng	# 1
81) Benzo(a)anthracene	14.06	228	32463	18.628	ng	# 64

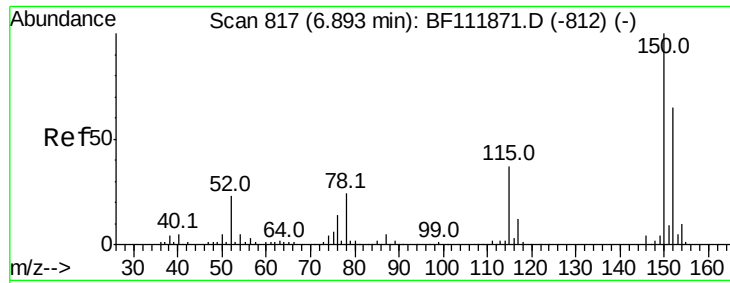
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112032.D
 Acq On : 11 Jan 2019 22:55
 Operator : JU/SJ
 Sample : K1102-03 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 00:59:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
82) 3,3'-Dichlorobenzidine	13.99	252	3358	5.219	nq	#	1
83) Chrysene	14.09	228	32324	19.454	nq	#	66
84) Bis(2-ethylhexyl)phthalate	14.03	149	71942	62.192	nq	#	78
85) Di-n-octyl phthalate	14.67	149	13259	8.009	nq	#	73
86) Indeno(1,2,3-cd)pyrene	17.06	276	10398	8.584	nq	#	85
88) Benzo(b)fluoranthene	15.12	252	33363	18.311	nq	#	1
89) Benzo(k)fluoranthene	15.12	252	33363	19.481	nq	#	1
90) Benzo(a)pyrene	15.49	252	14855	9.273	nq	#	1
91) Dibenzo(a,h)anthracene	17.06	278	3459	2.685	nq	#	1
92) Benzo(a,h,i)perylene	17.51	276	10115	8.026	nq	#	4

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

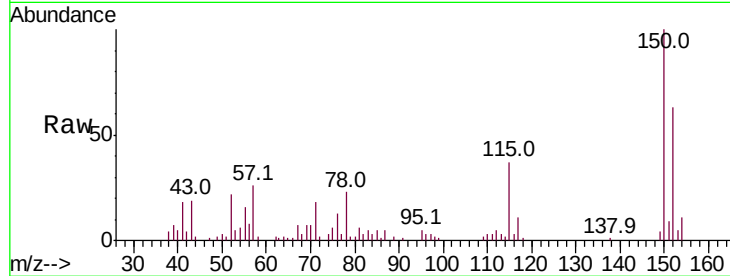


#1

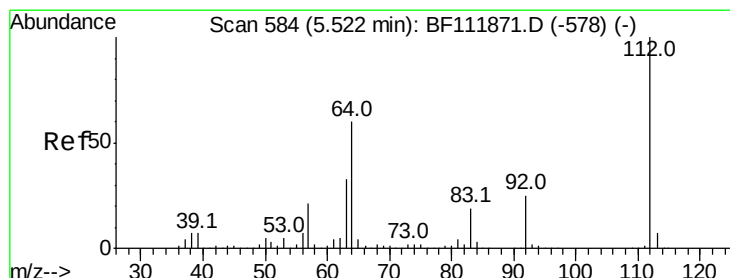
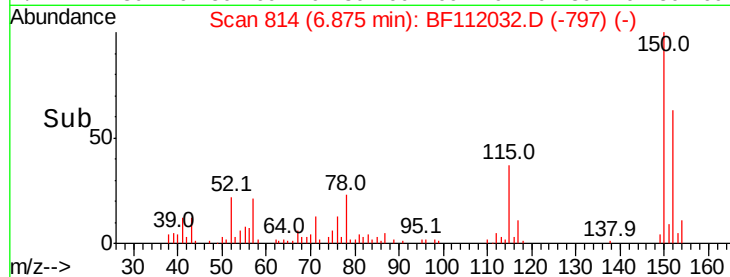
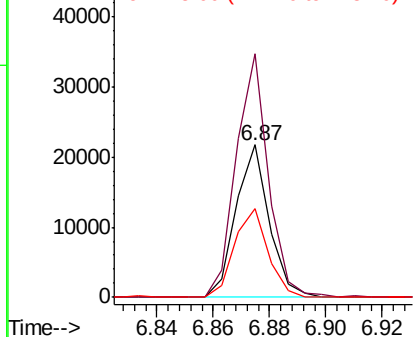
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 17771
Ion Ratio Lower Upper
152 100
150 159.4 122.7 184.1
115 58.3 45.2 67.8



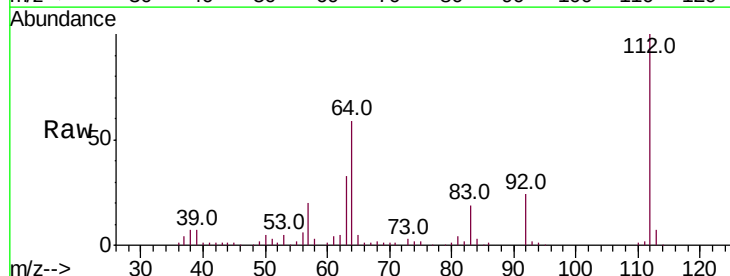
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



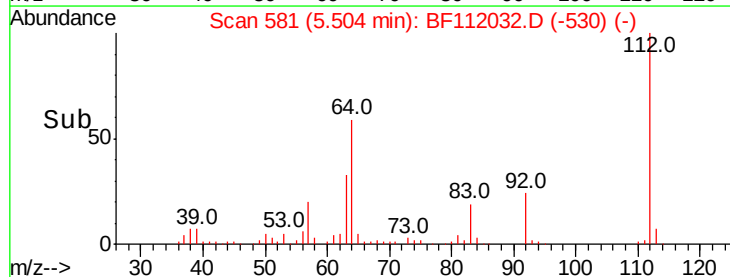
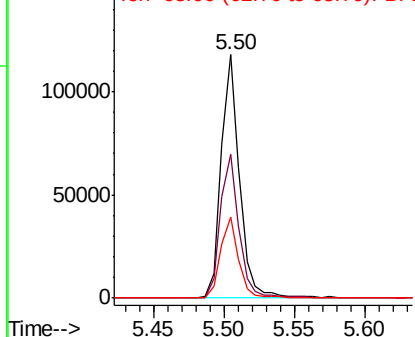
#5

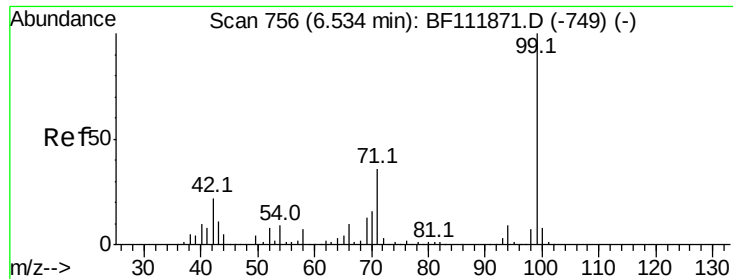
2-Fluorophenol
Concen: 103.234 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion:112 Resp: 107234
Ion Ratio Lower Upper
112 100
64 58.9 48.3 72.5
63 33.2 26.1 39.1



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





#7

Phenol-d6

Concen: 101.834 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

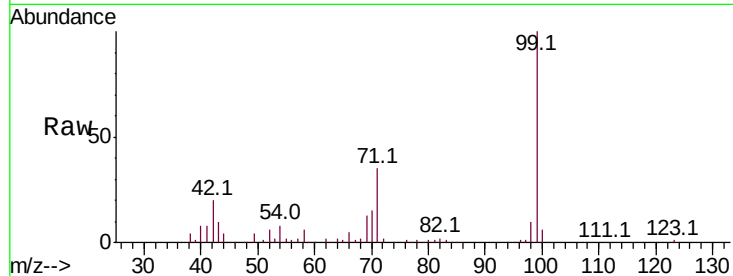
Tot Ion: 99 Resp: 136337

Ion Ratio Lower Upper

99 100

42 19.7 17.9 26.9

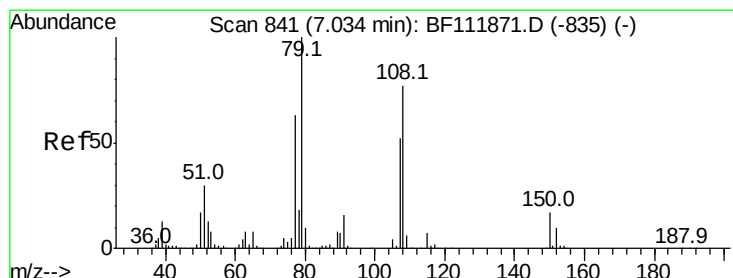
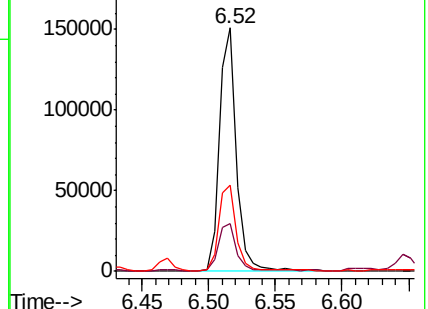
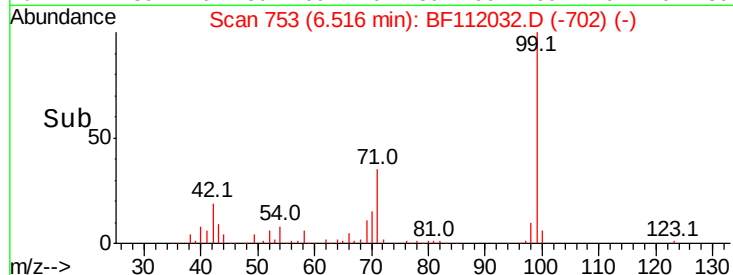
71 35.5 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.162 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

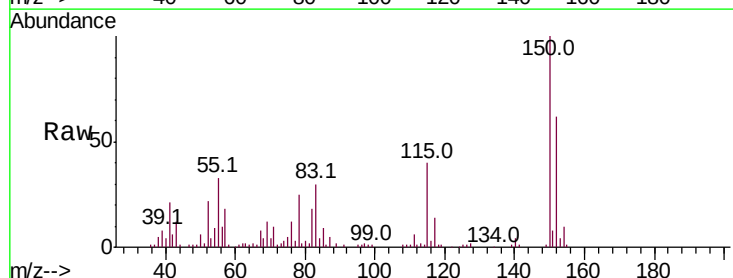
Tgt Ion: 79 Resp: 2290

Ion Ratio Lower Upper

79 100

108 23.1 61.4 92.0#

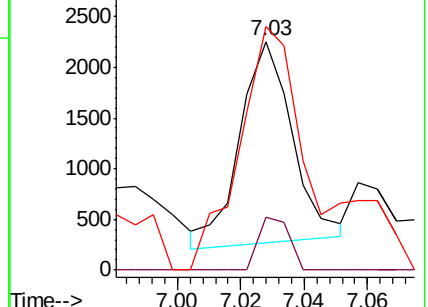
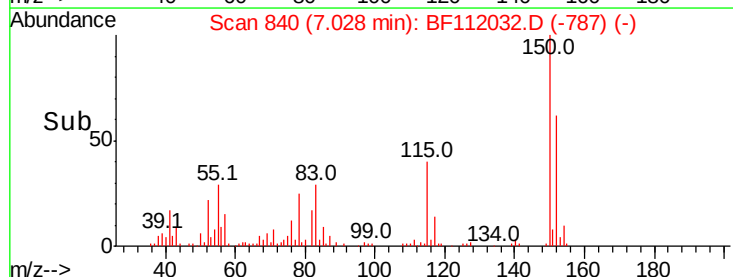
77 106.7 50.4 75.6#

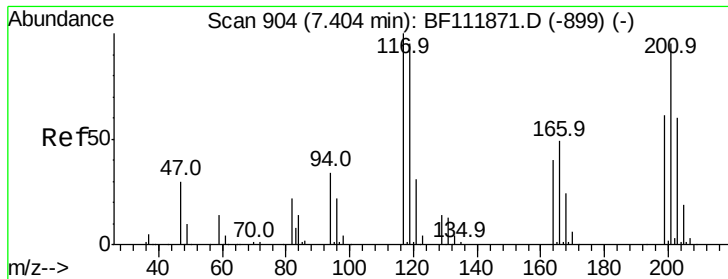


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1





#18

Hexachloroethane

Concen: 12.105 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.02 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

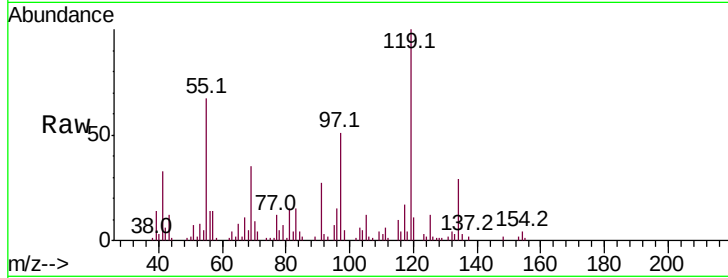
Tot Ion:117 Resp: 5735

Ion Ratio Lower Upper

117 100

119 602.8 76.2 114.2#

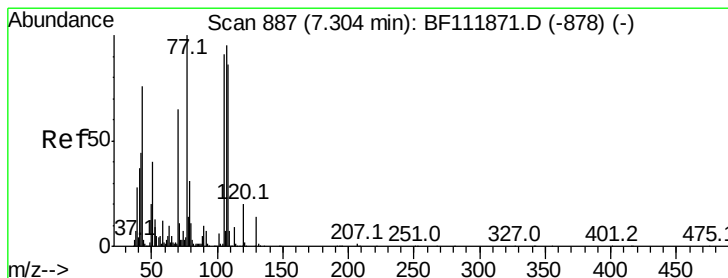
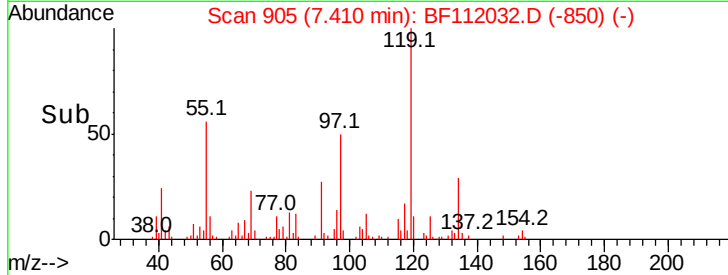
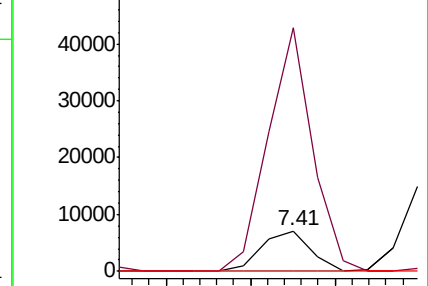
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 3.941 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.02 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Tgt Ion: 70 Resp: 3428

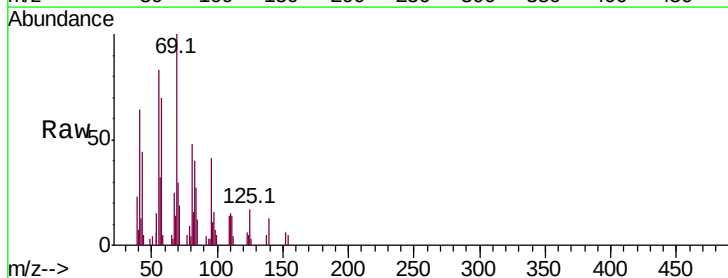
Ion Ratio Lower Upper

70 100

42 43.1 53.6 80.4#

101 0.0 7.3 10.9#

130 0.0 16.8 25.2#

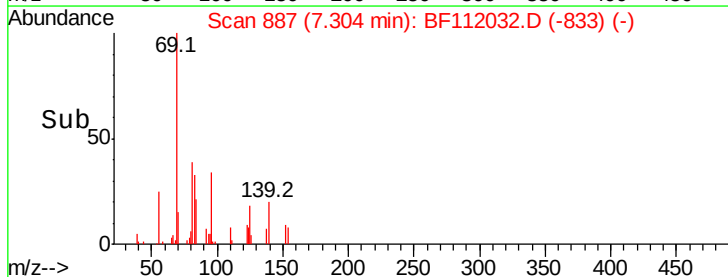
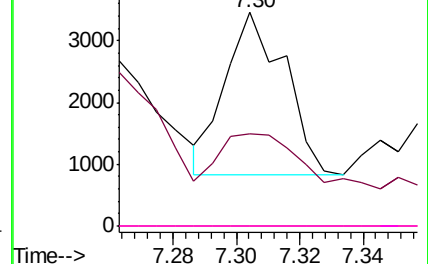


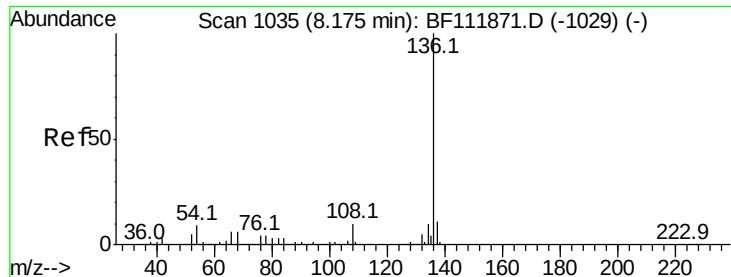
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 59672

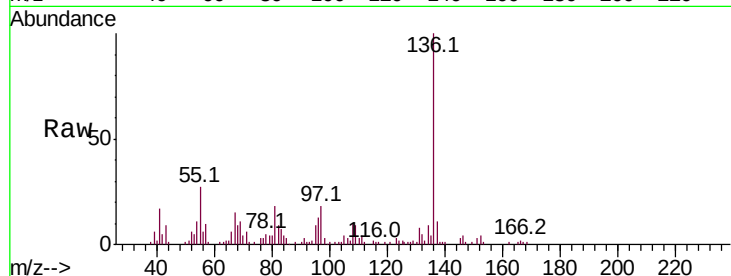
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 11.4 7.2 10.8#

68 9.3 4.4 6.6#



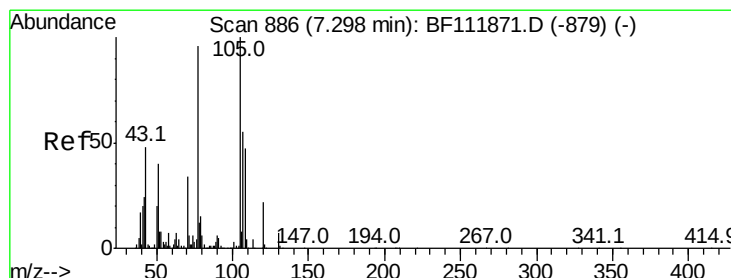
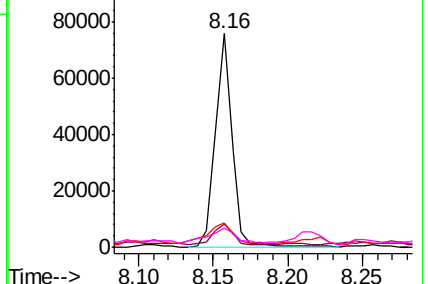
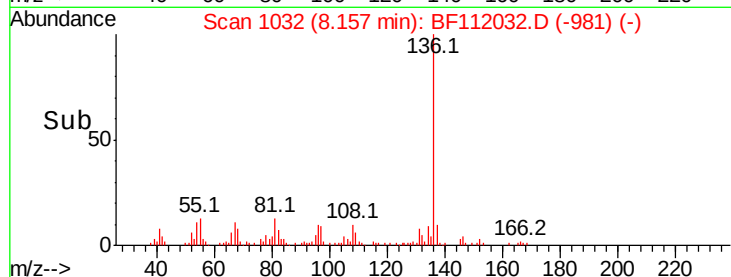
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 2.312 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Tgt Ion:105 Resp: 3493

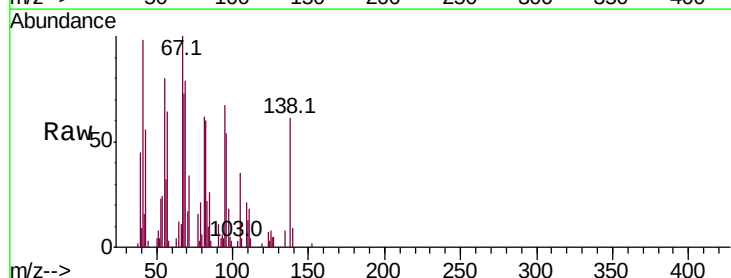
Ion Ratio Lower Upper

105 100

71 96.1 4.6 6.8#

51 22.7 32.2 48.2#

120 0.0 17.5 26.3#



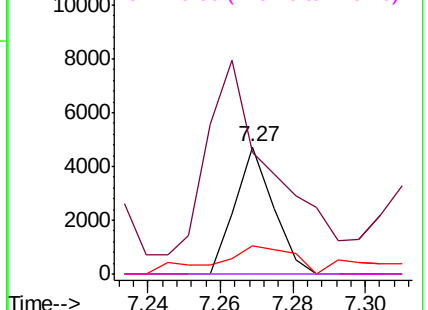
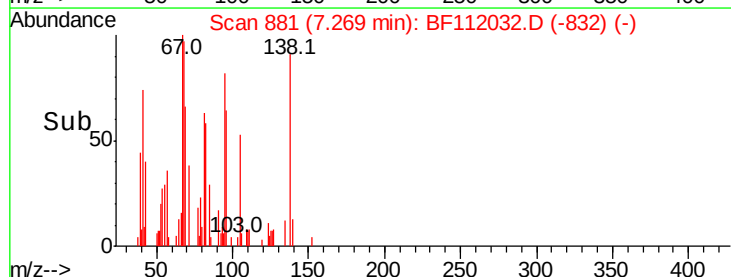
Abundance

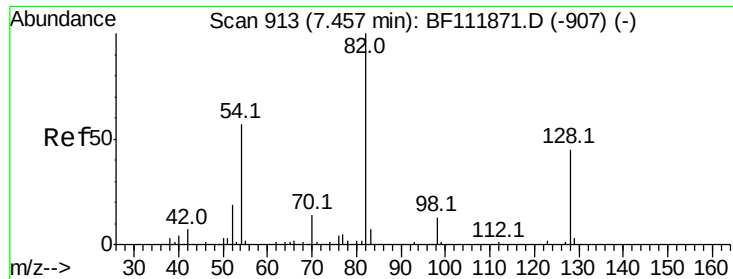
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

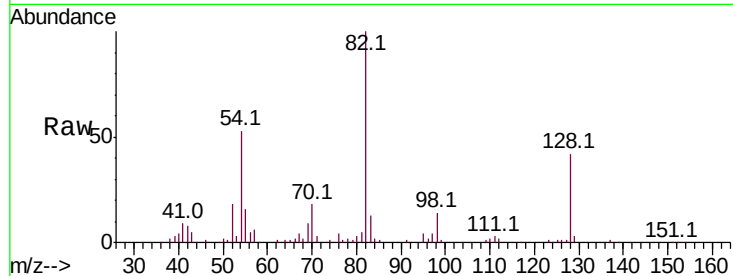




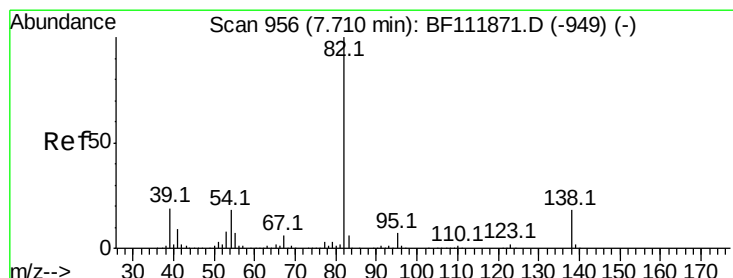
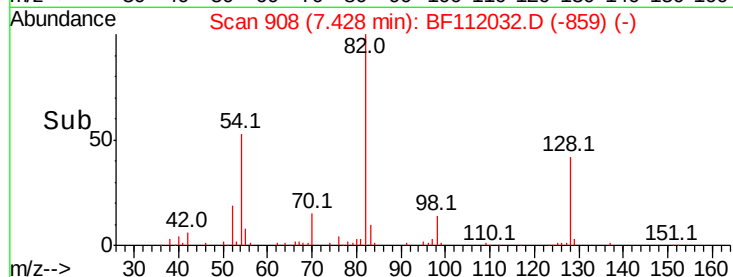
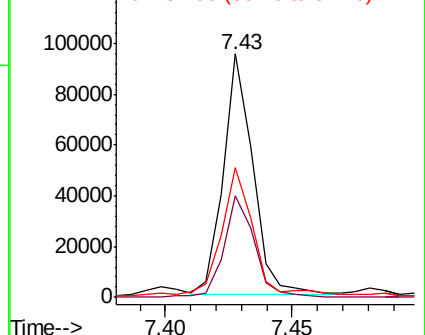
#23
Nitrobenzene-d5
Concen: 69.703 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 77824
Ion Ratio Lower Upper
82 100
128 41.9 35.7 53.5
54 53.1 45.8 68.8

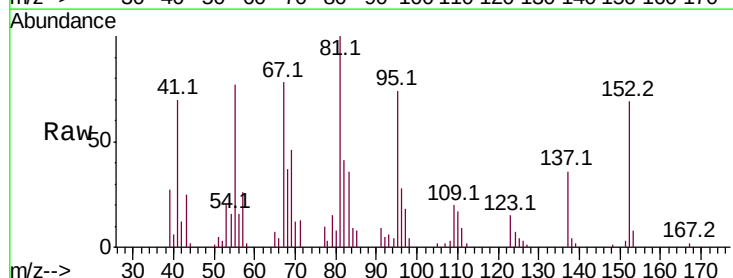


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

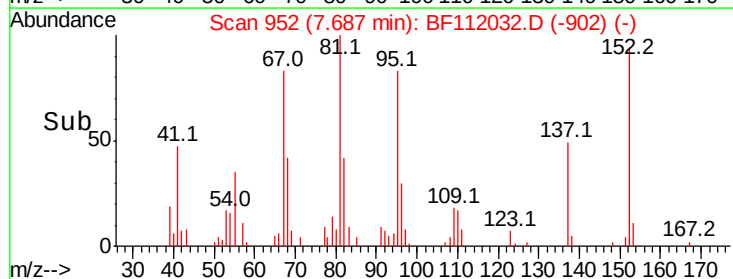
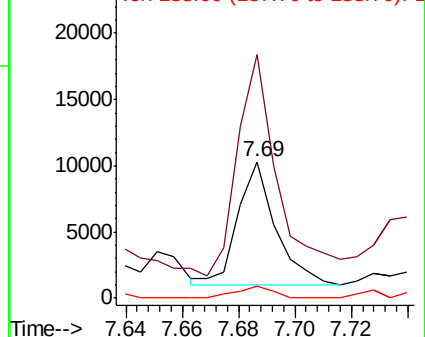


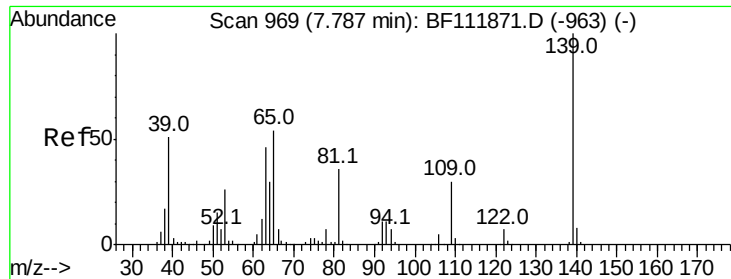
#25
Isophorone
Concen: 4.806 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion: 82 Resp: 8690
Ion Ratio Lower Upper
82 100
95 178.8 5.8 8.6#
138 9.1 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

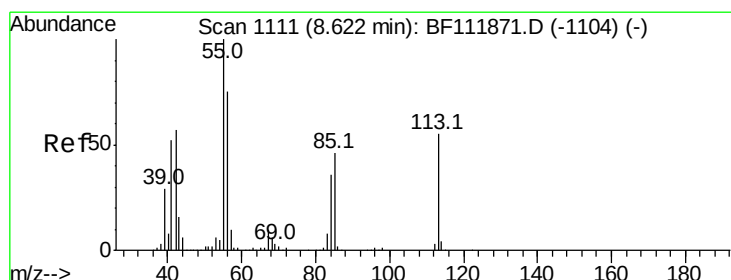
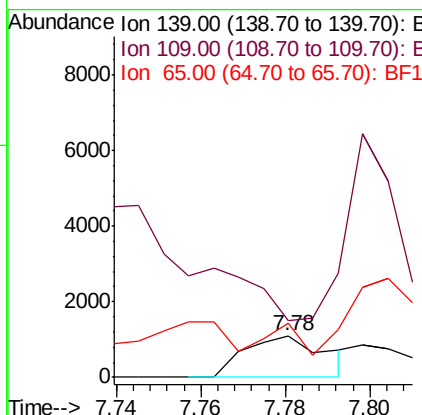
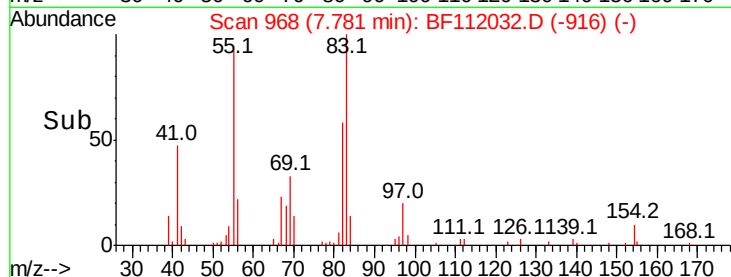
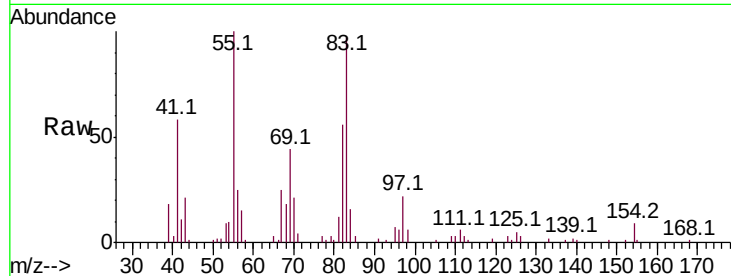




#26
2-Nitrophenol
Concen: 2.586 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

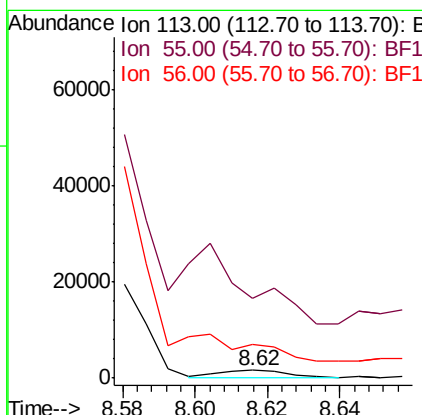
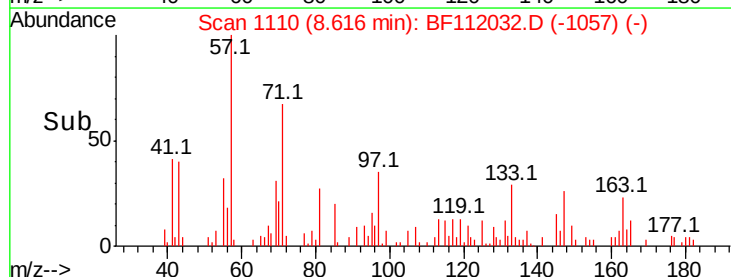
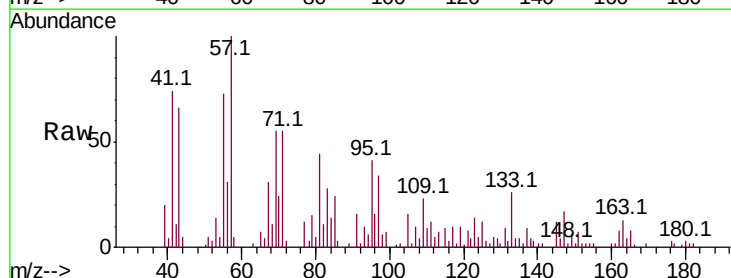
Instrument :
BNA_F
ClientSampled :

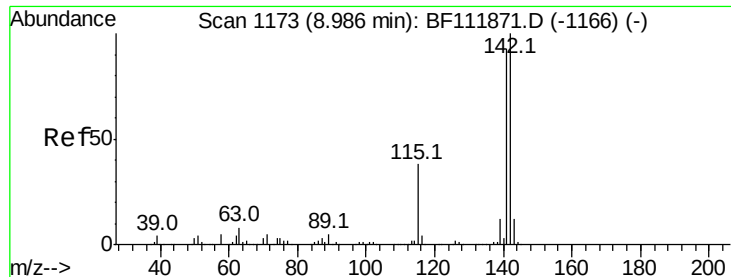
Tot Ion:139 Resp: 1438
Ion Ratio Lower Upper
139 100
109 137.0 24.1 36.1#
65 130.2 43.6 65.4#



#35
Caprolactam
Concen: 7.428 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion:113 Resp: 2244
Ion Ratio Lower Upper
113 100
55 1001.7 162.0 202.0#
56 421.7 116.0 156.0#

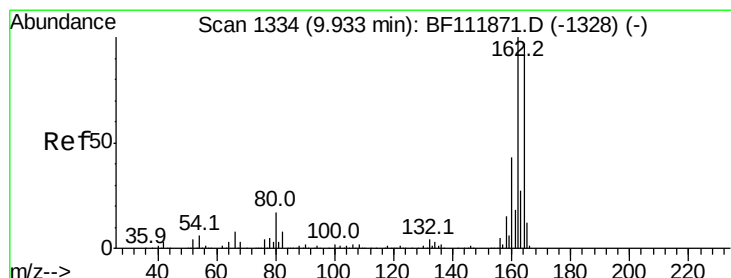
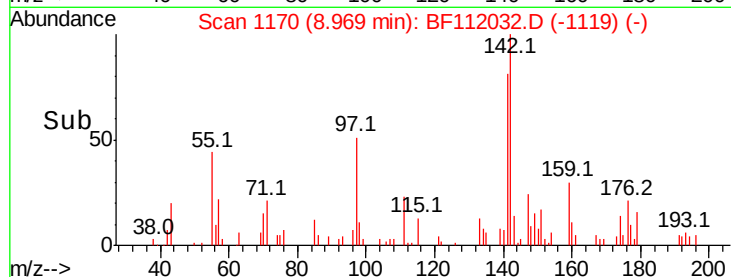
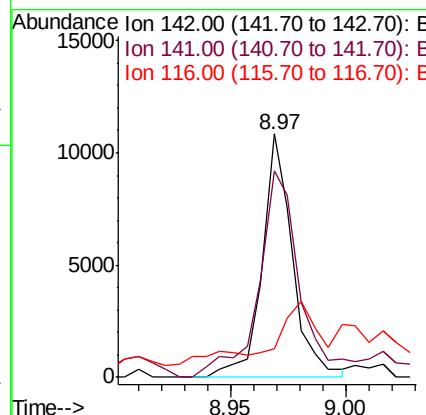
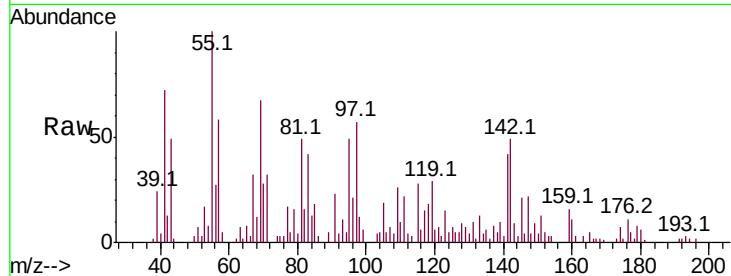




#38
1-Methylnaphthalene
Concen: 5.901 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

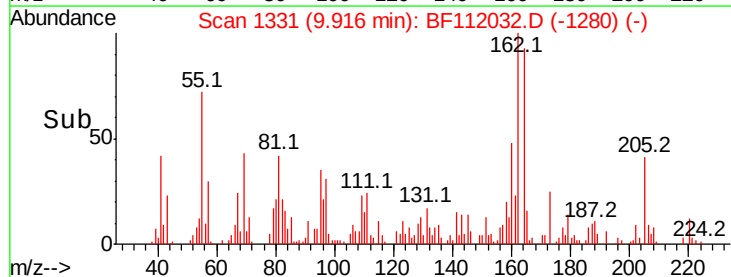
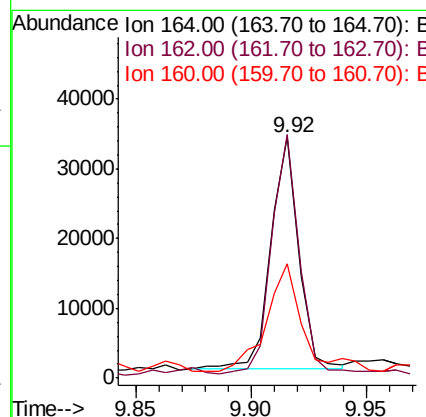
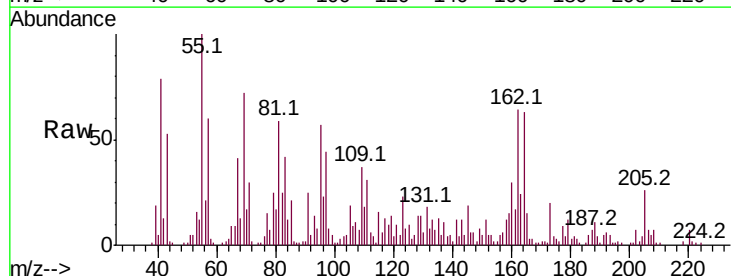
Instrument :
BNA_F
ClientSampled :

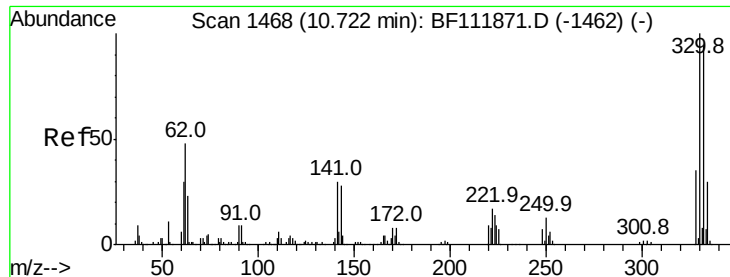
Tot Ion:142 Resp: 9935
Ion Ratio Lower Upper
142 100
141 85.0 74.8 112.2
116 12.0 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion:164 Resp: 27863
Ion Ratio Lower Upper
164 100
162 101.1 82.2 123.2
160 47.5 35.5 53.3

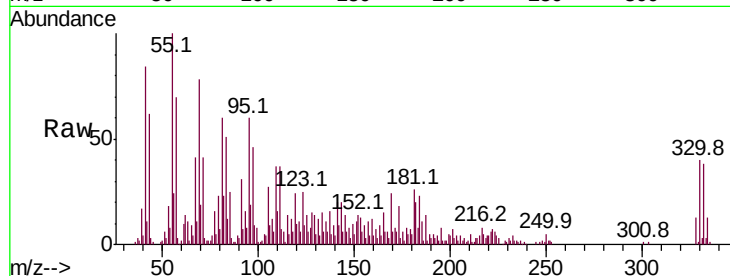




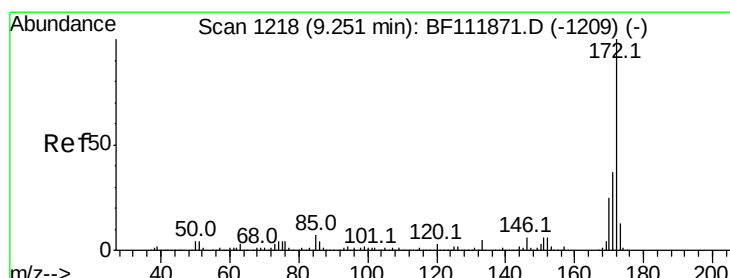
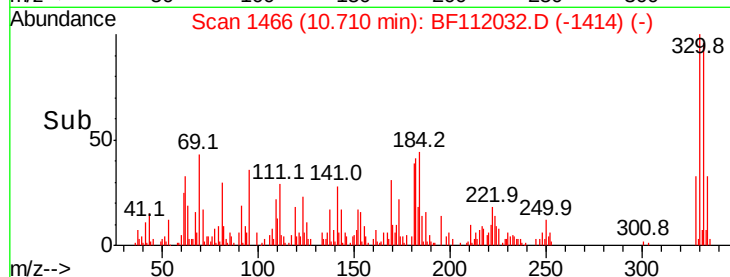
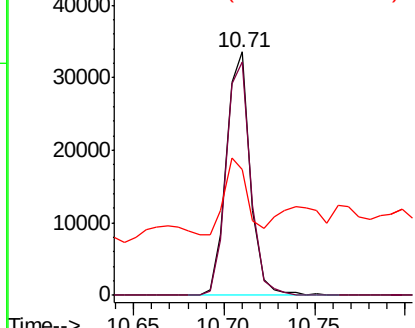
#42
 2,4,6-Tribromophenol
 Concen: 85.449 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF112032.D
 Acq: 11 Jan 2019 22:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 30968
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.9 115.3
 141 29.4 23.7 35.5

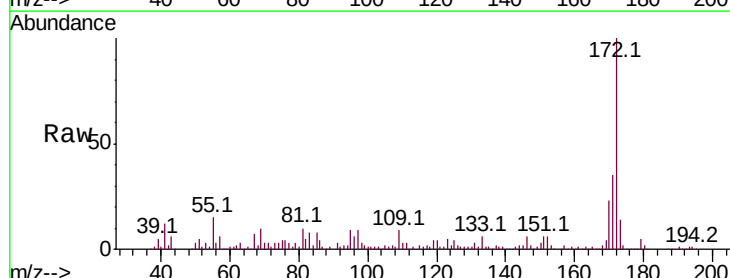


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

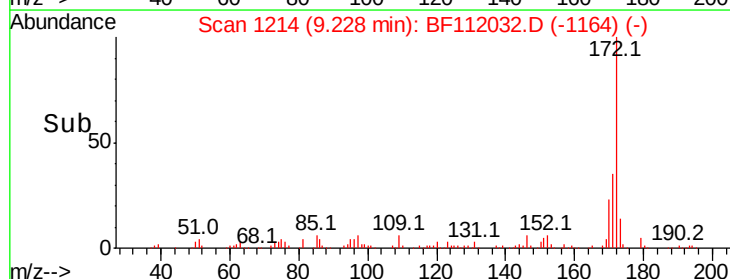
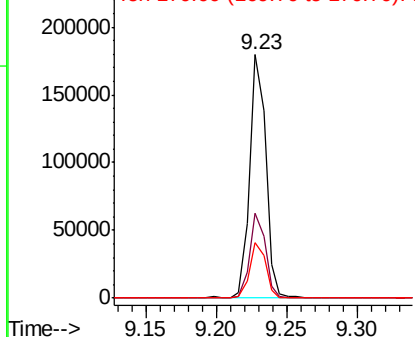


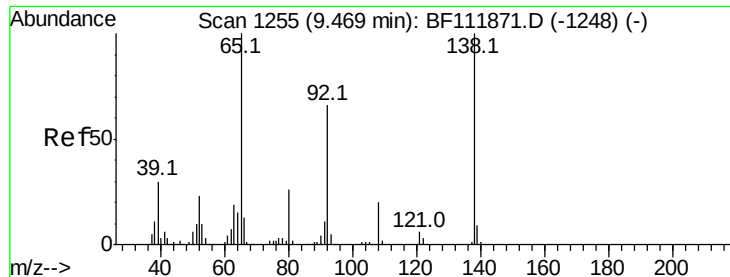
#45
 2-Fluorobiphenyl
 Concen: 75.814 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112032.D
 Acq: 11 Jan 2019 22:55

Tgt Ion:172 Resp: 144863
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 22.7 19.8 29.8



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





#48

2-Nitroaniline

Concen: 2.398 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

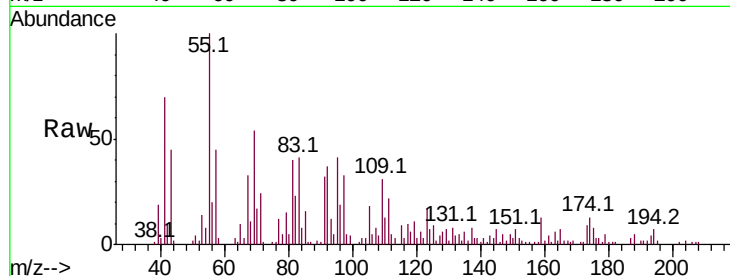
Tot Ion: 65 Resp: 1341

Ion Ratio Lower Upper

65 100

92 372.9 52.5 78.7#

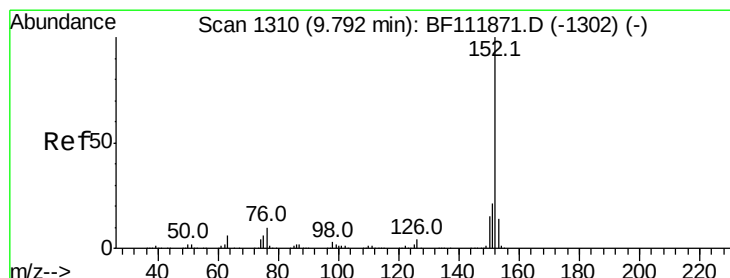
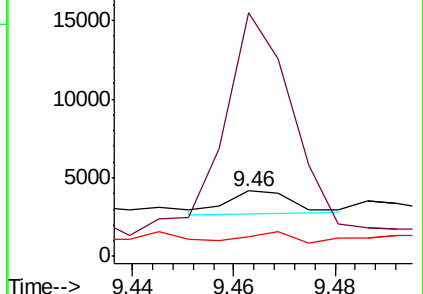
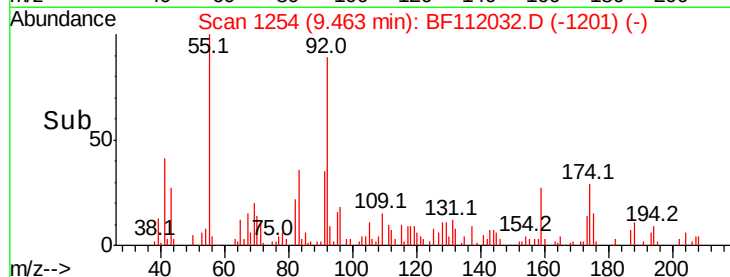
138 29.6 79.8 119.6#



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): BF1



#49

Acenaphthylene

Concen: 3.081 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

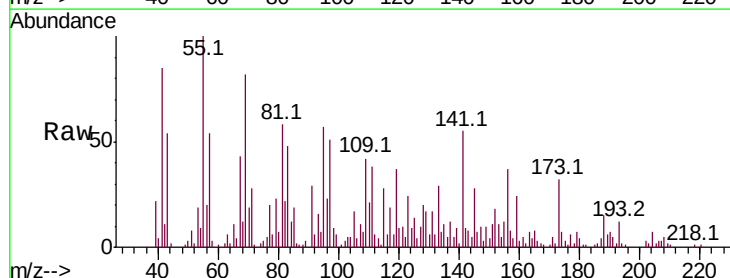
Tgt Ion: 152 Resp: 8333

Ion Ratio Lower Upper

152 100

151 64.7 16.6 25.0#

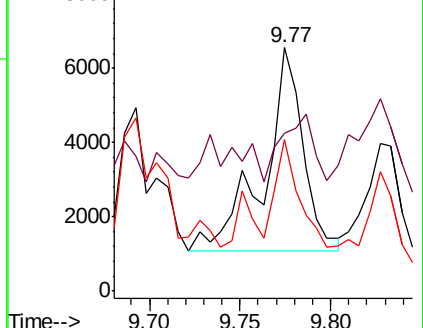
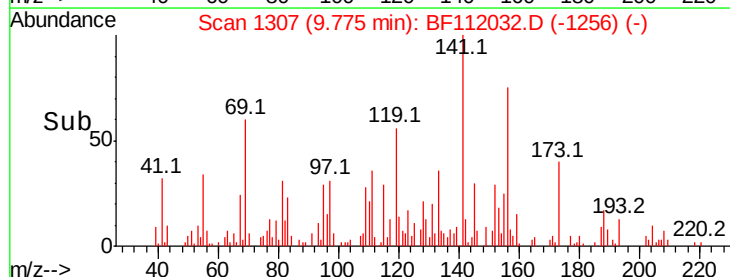
153 62.3 11.0 16.4#

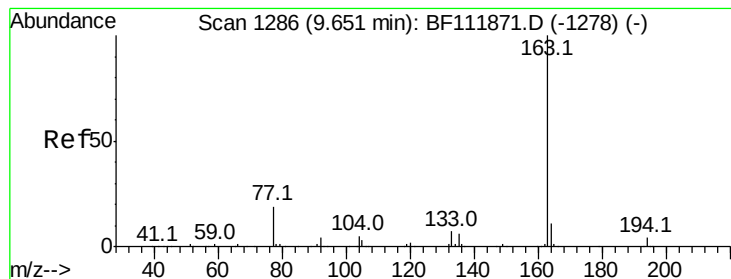


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 18.124 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampled :

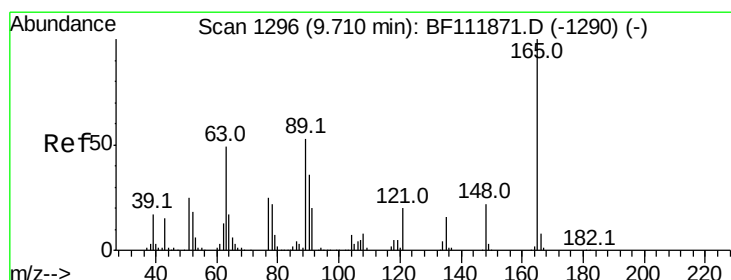
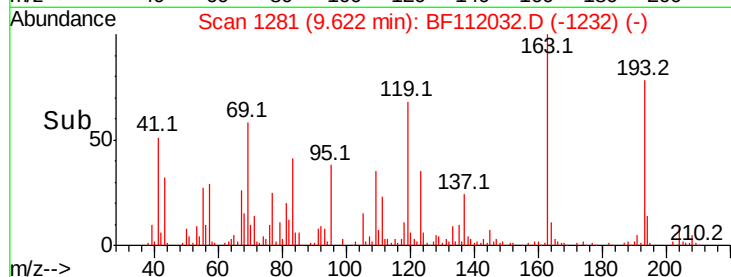
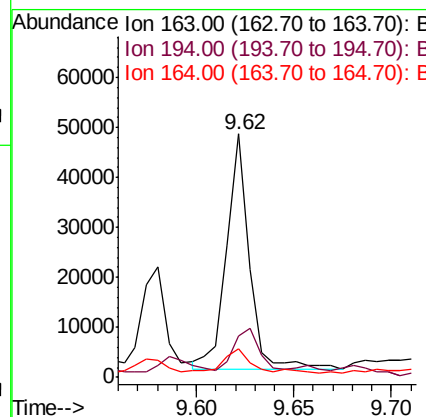
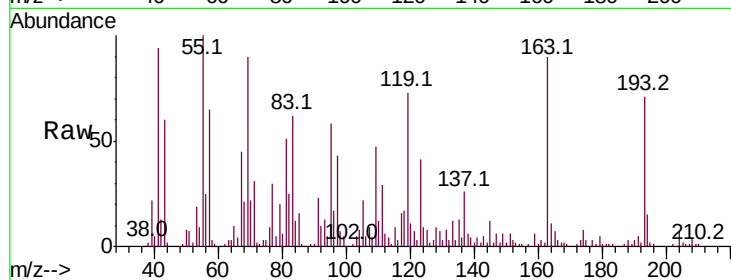
Tot Ion:163 Resp: 37935

Ion Ratio Lower Upper

163 100

194 17.1 3.4 5.2#

164 11.7 8.5 12.7



#51

2,6-Dinitrotoluene

Concen: 7.008 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

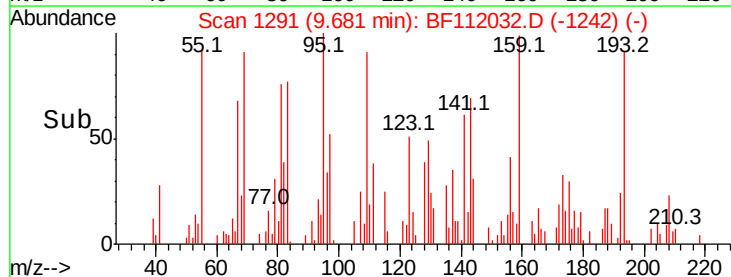
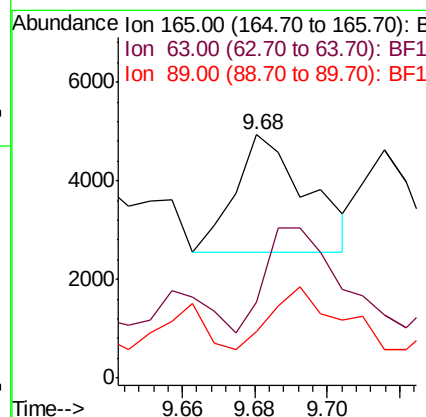
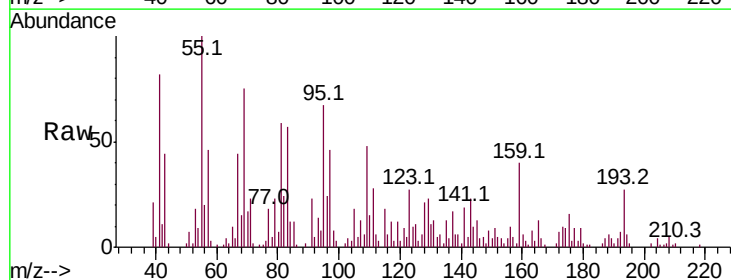
Tgt Ion:165 Resp: 3280

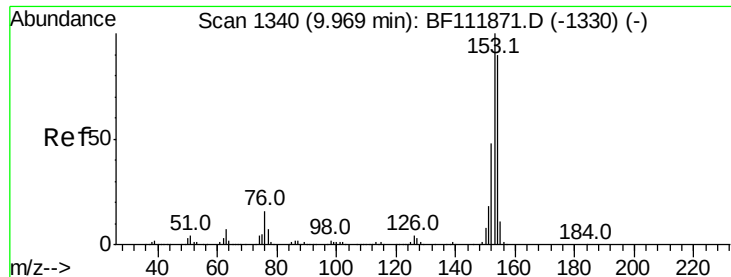
Ion Ratio Lower Upper

165 100

63 31.1 46.2 69.2#

89 18.8 42.2 63.2#





#52

Acenaphthene

Concen: 74.385 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

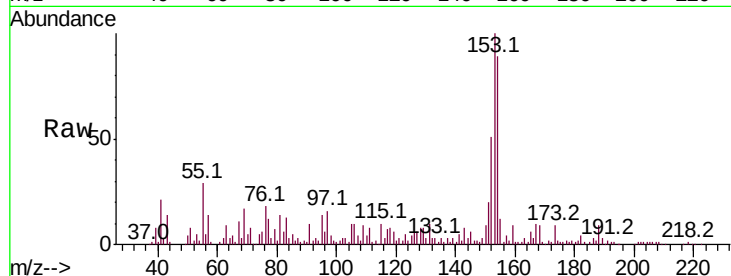
Tot Ion:154 Resp: 129685

Ion Ratio Lower Upper

154 100

153 112.9 89.4 134.0

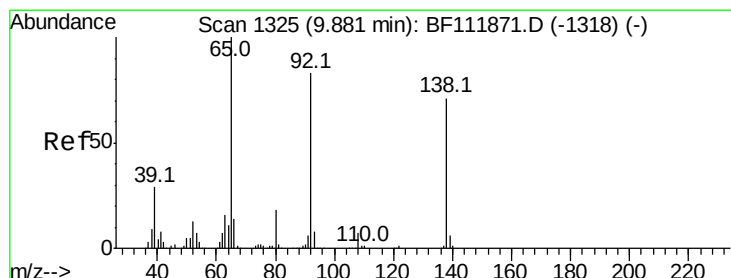
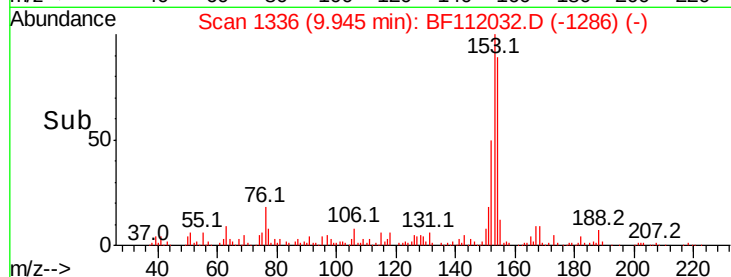
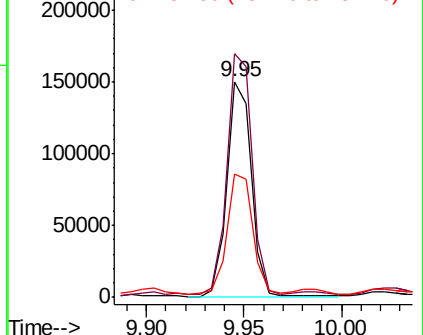
152 57.5 43.1 64.7



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



#53

3-Nitroaniline

Concen: 4.922 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

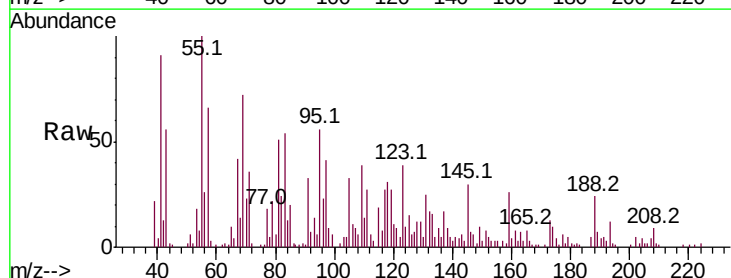
Tgt Ion:138 Resp: 2467

Ion Ratio Lower Upper

138 100

108 70.2 8.2 12.4#

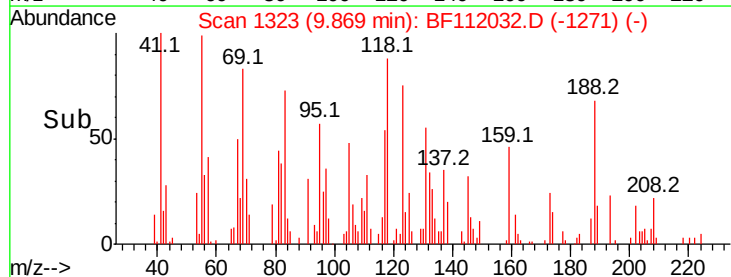
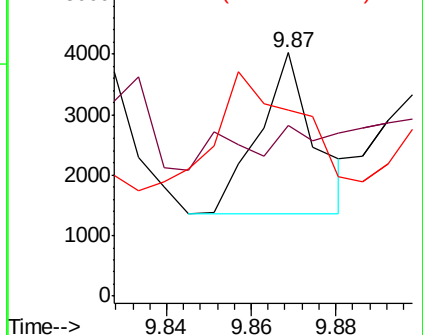
92 76.6 93.5 140.3#

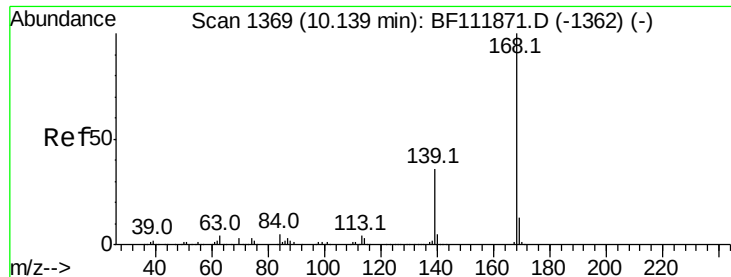


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#55

Dibenzenofuran

Concen: 31.500 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

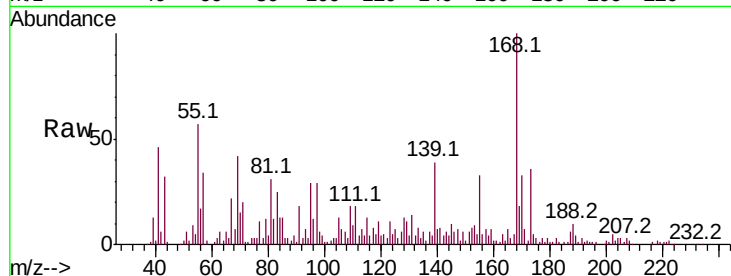
Tot Ion:168 Resp: 79868

Ion Ratio Lower Upper

168 100

139 38.8 29.3 43.9

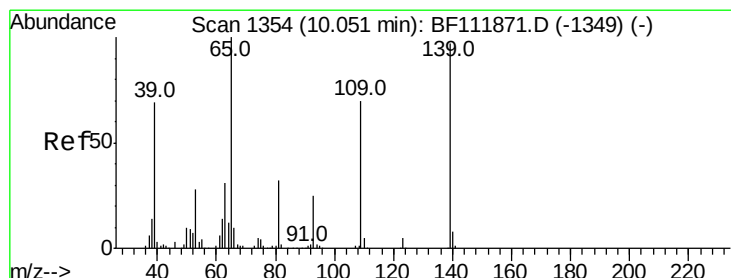
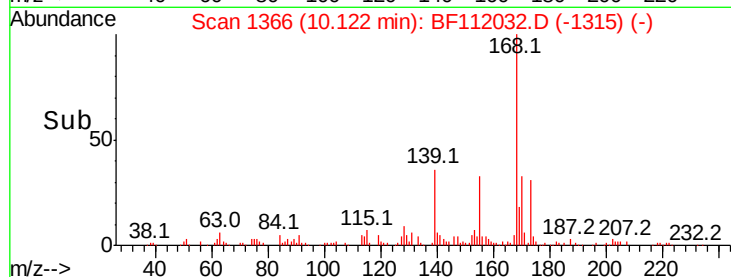
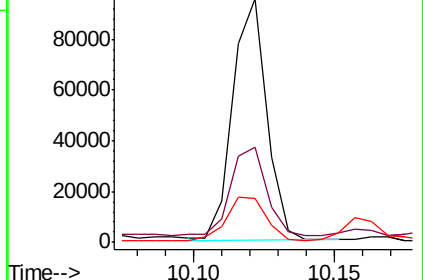
169 18.2 10.6 16.0#



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: 11.178 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

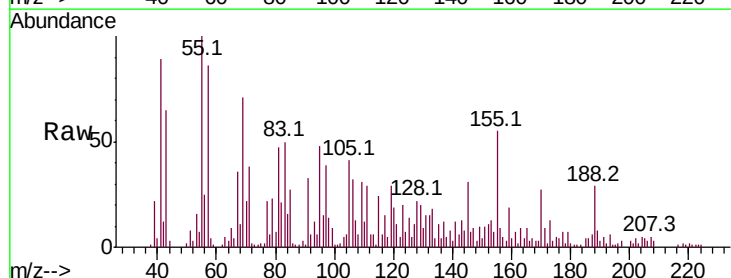
Tgt Ion:139 Resp: 3959

Ion Ratio Lower Upper

139 100

109 384.1 52.2 92.2#

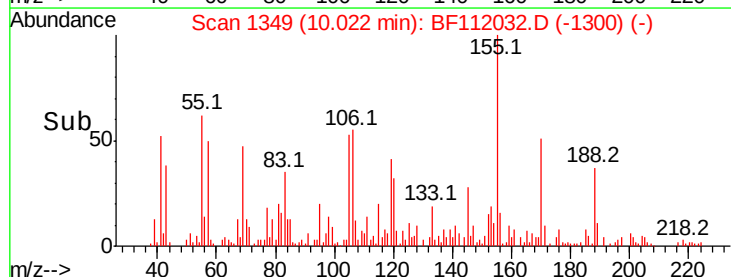
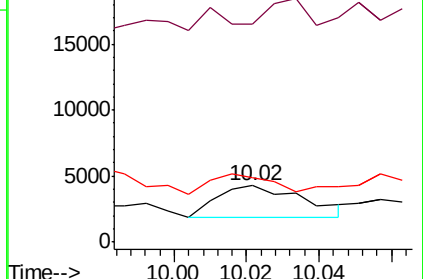
65 113.5 83.1 123.1

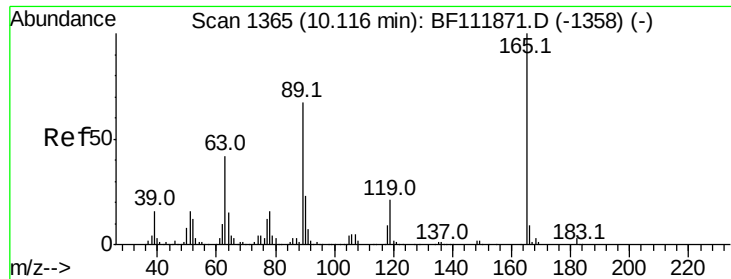


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

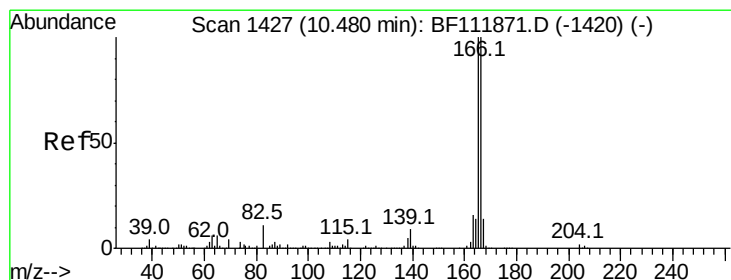
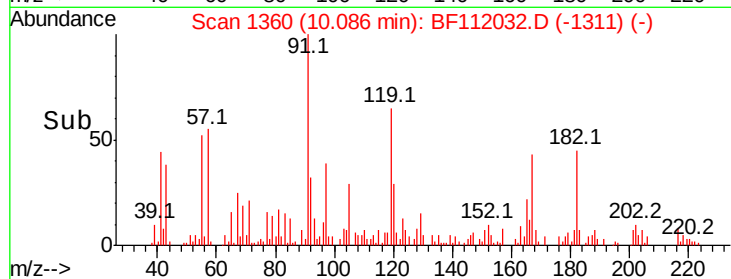
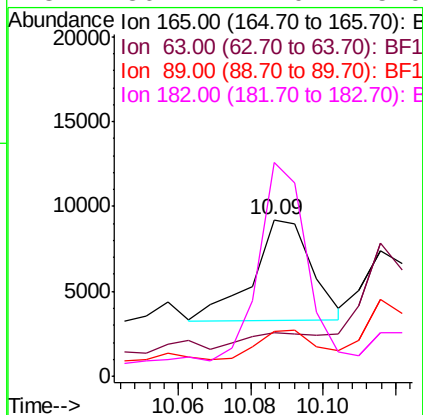
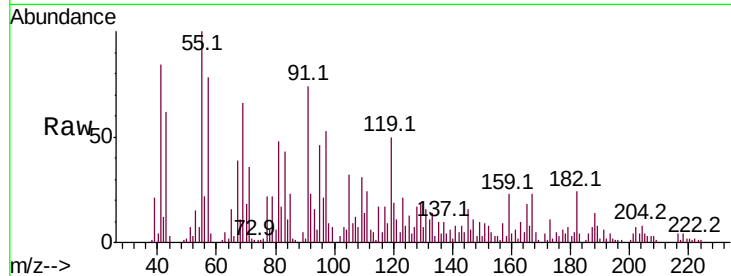




#57
2,4-Dinitrotoluene
Concen: 11.128 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

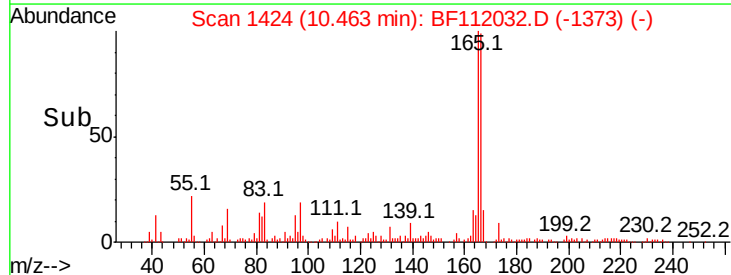
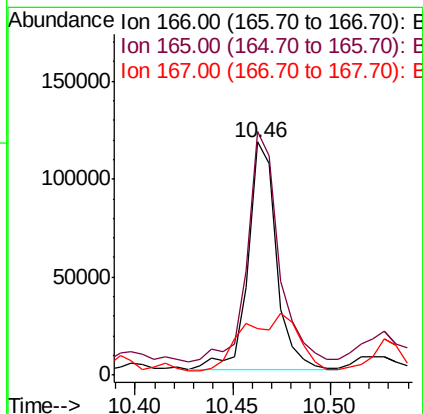
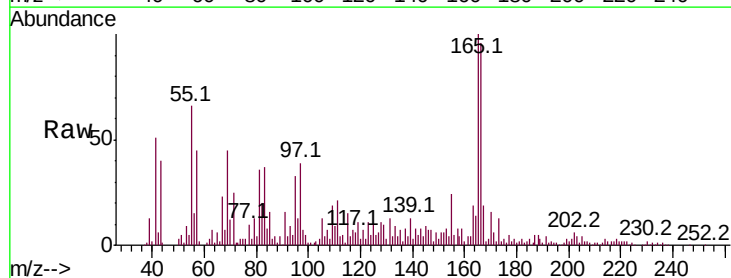
Instrument :
BNA_F
ClientSampled :

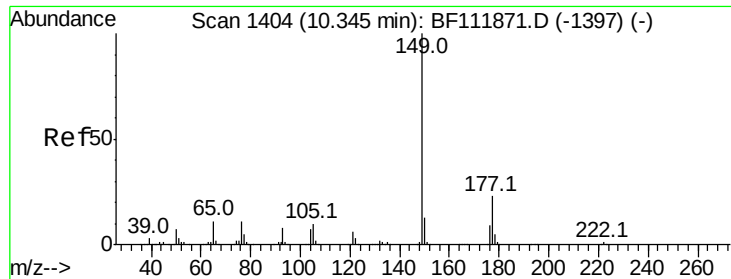
Tot Ion:165 Resp: 6730
Ion Ratio Lower Upper
165 100
63 27.5 34.1 51.1#
89 29.1 53.5 80.3#
182 136.7 2.0 3.0#



#58
Fluorene
Concen: 63.116 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion:166 Resp: 116446
Ion Ratio Lower Upper
166 100
165 104.4 79.7 119.5
167 19.9 11.1 16.7#





#60

Diethylphthalate

Concen: 2.852 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampled :

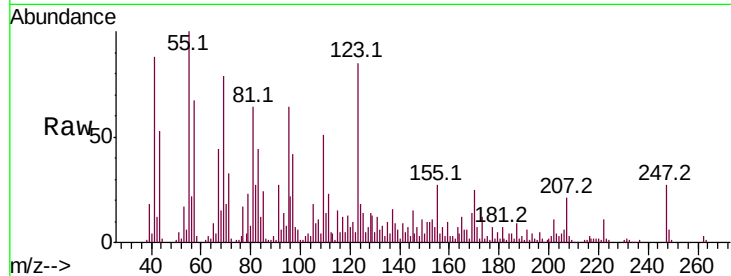
Tot Ion:149 Resp: 5777

Ion Ratio Lower Upper

149 100

177 64.3 18.3 27.5#

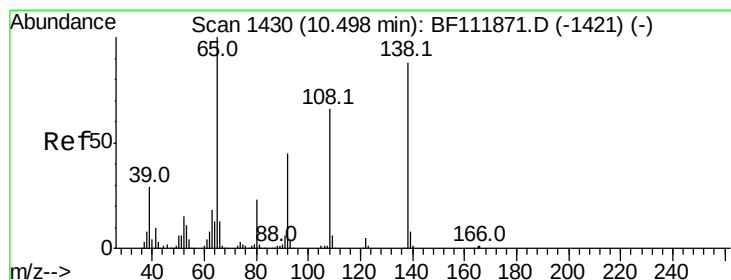
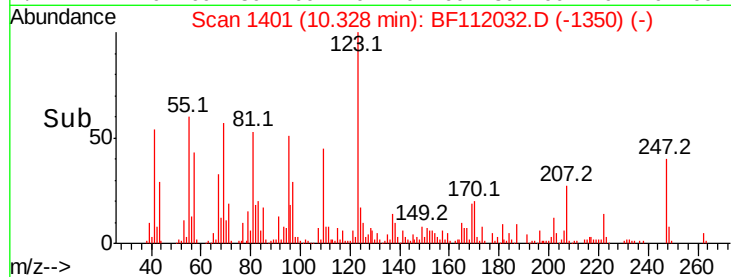
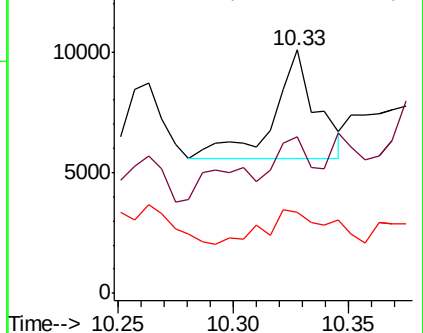
150 33.3 10.2 15.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

4-Nitroaniline

Concen: 8.262 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

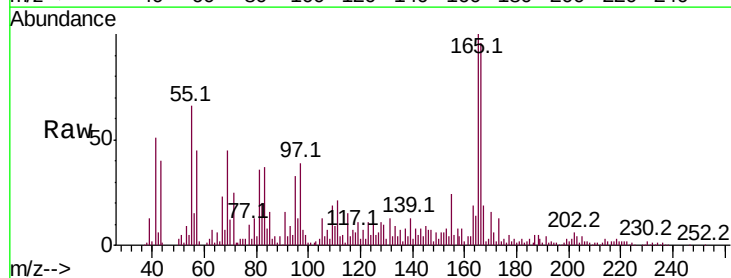
Tgt Ion:138 Resp: 3928

Ion Ratio Lower Upper

138 100

92 99.4 31.0 71.0#

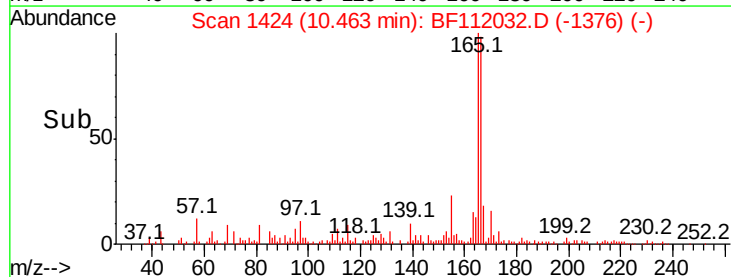
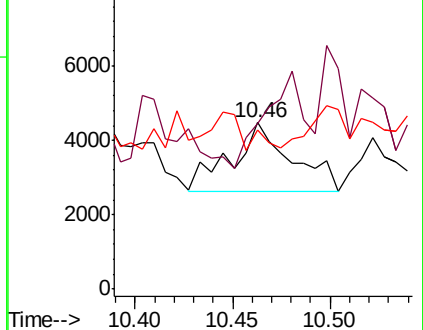
108 95.6 54.7 94.7#

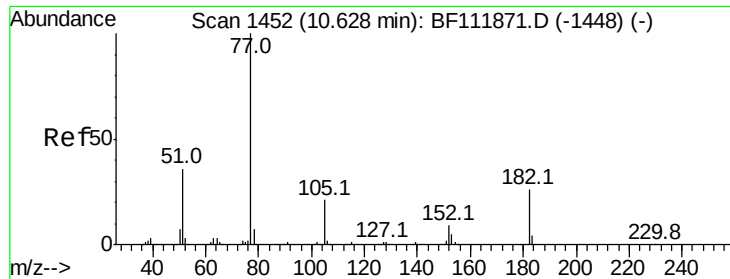


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 2.570 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 4973

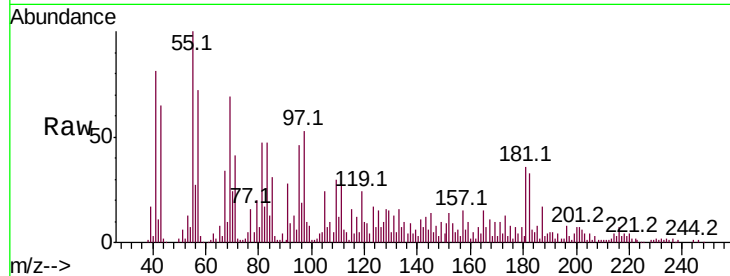
Ion Ratio Lower Upper

77 100

182 207.7 5.7 45.7#

105 148.3 0.8 40.8#

51 35.1 15.6 55.6



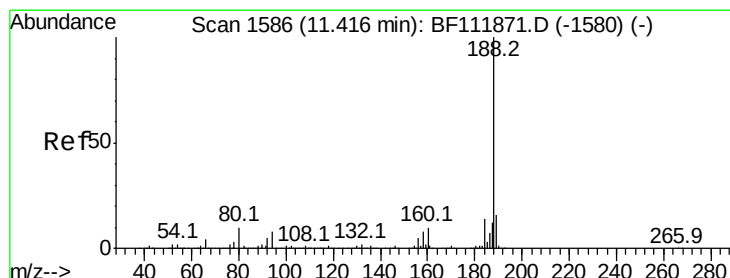
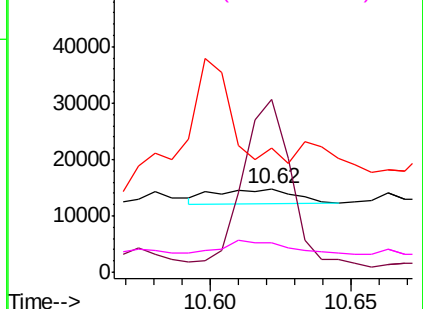
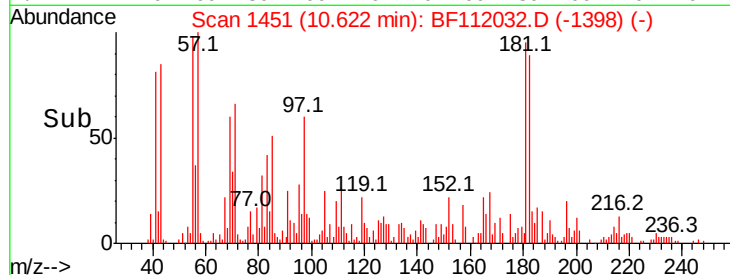
Abundance

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: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

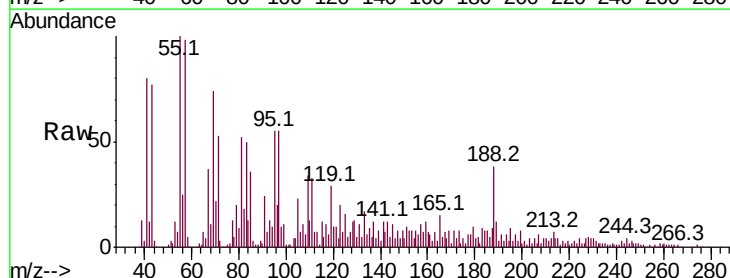
Tgt Ion: 188 Resp: 45008

Ion Ratio Lower Upper

188 100

94 27.5 6.6 10.0#

80 23.6 7.7 11.5#

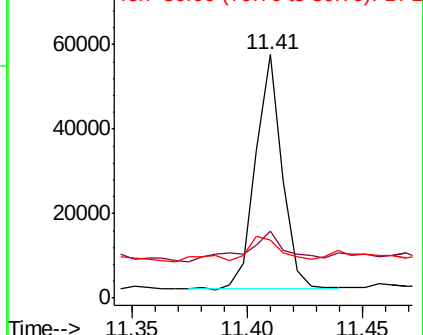
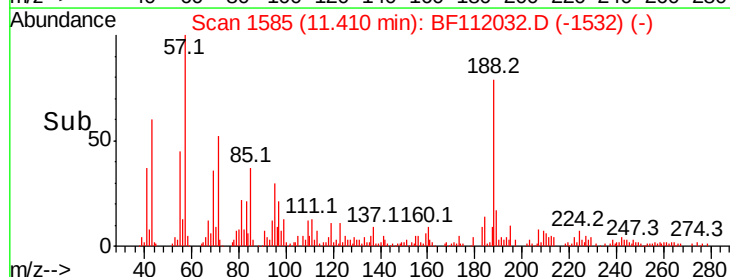


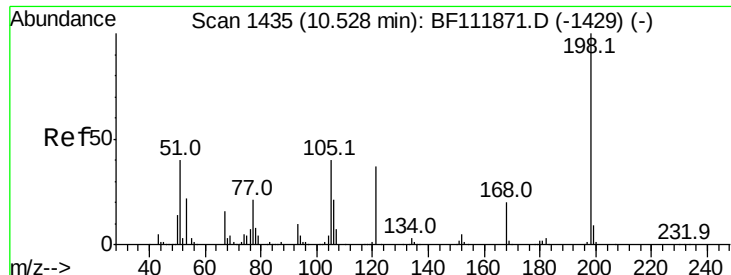
Abundance

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: 8.448 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampled :

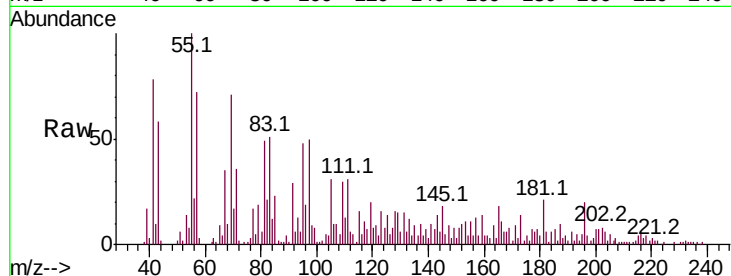
Tot Ion:198 Resp: 2346

Ion Ratio Lower Upper

198 100

51 331.6 27.2 67.2#

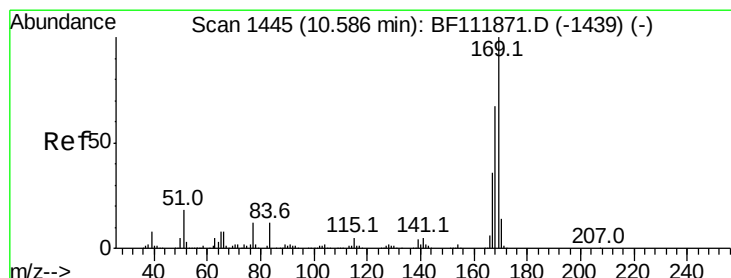
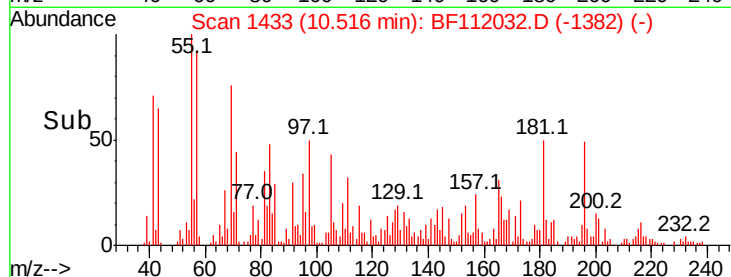
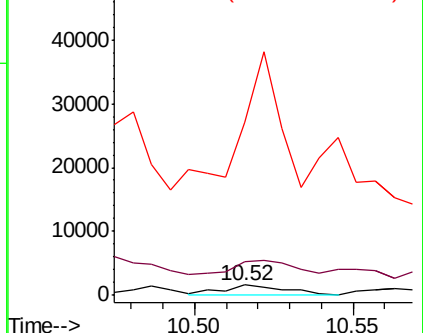
105 1729.3 21.0 61.0#



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: 25.655 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

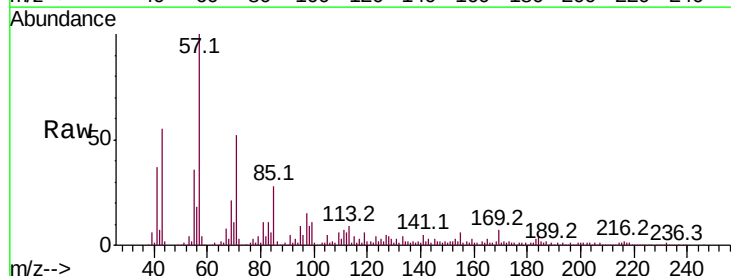
Tgt Ion:169 Resp: 38748

Ion Ratio Lower Upper

169 100

168 23.6 53.8 80.6#

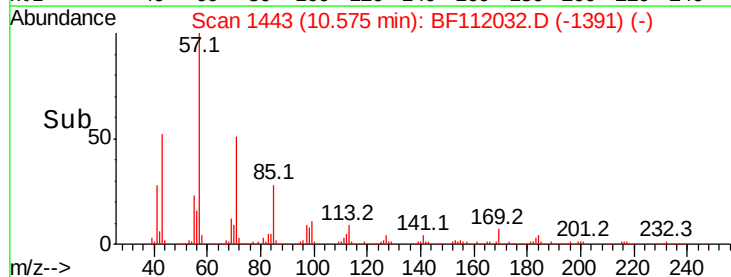
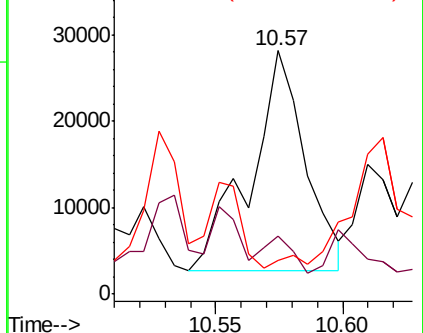
167 13.8 29.1 43.7#

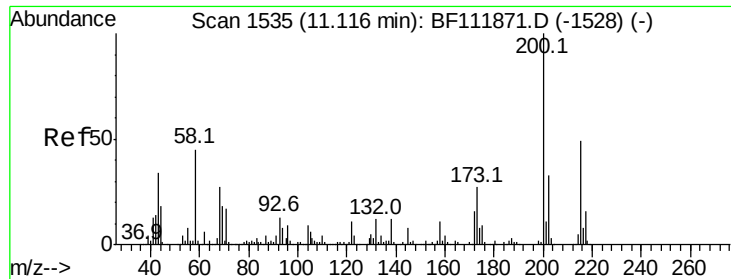


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Atrazine

Concen: 4.741 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampled :

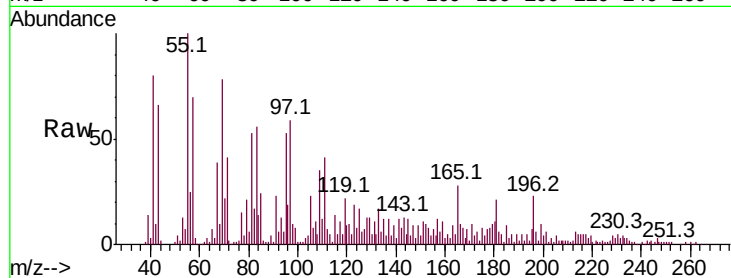
Tot Ion:200 Resp: 2516

Ion Ratio Lower Upper

200 100

173 150.6 6.6 46.6#

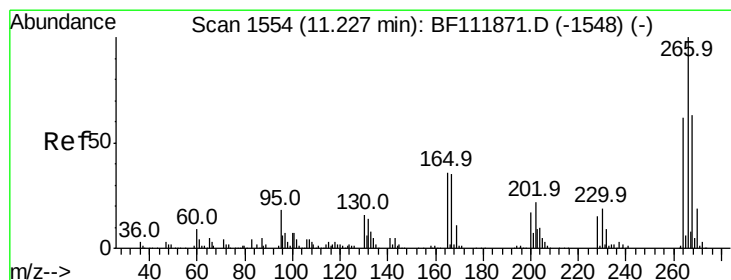
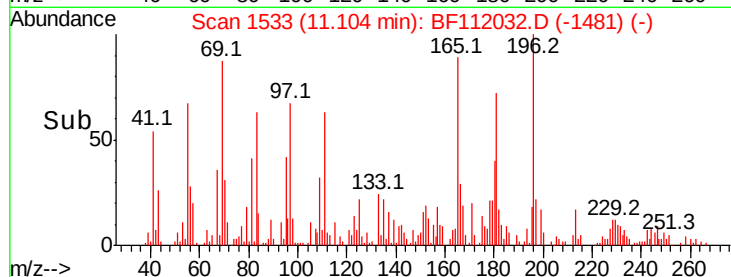
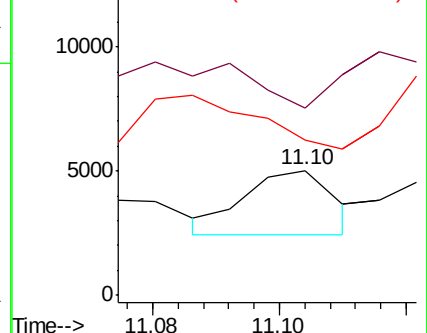
215 124.9 28.9 68.9#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 3.490 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

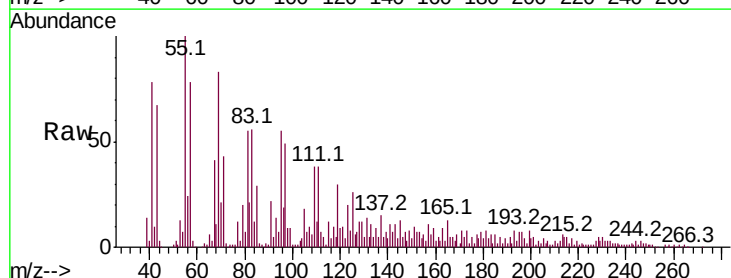
Tgt Ion:266 Resp: 1283

Ion Ratio Lower Upper

266 100

268 0.0 50.6 76.0#

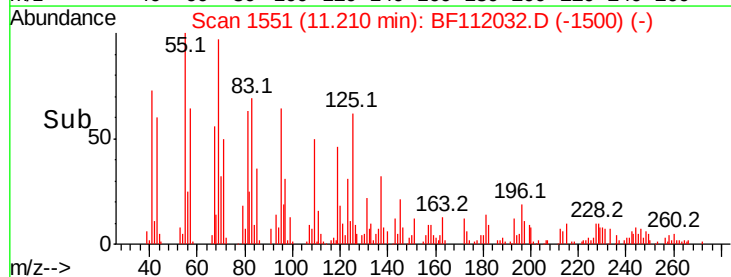
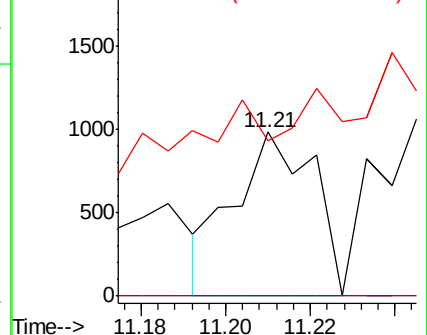
264 94.9 49.3 73.9#

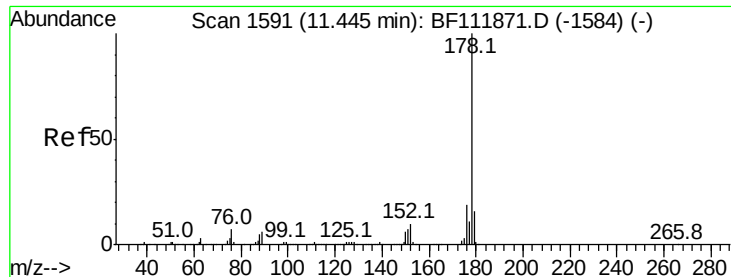


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.376 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

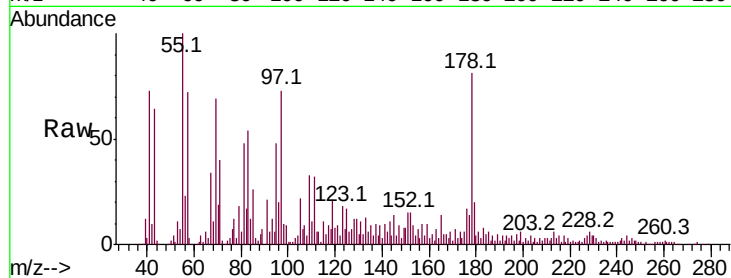
Tot Ion:178 Resp: 111597

Ion Ratio Lower Upper

178 100

176 20.4 15.6 23.4

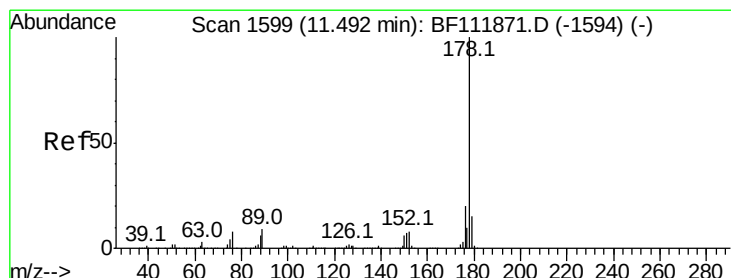
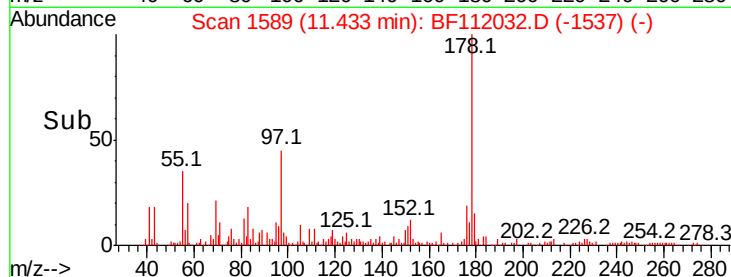
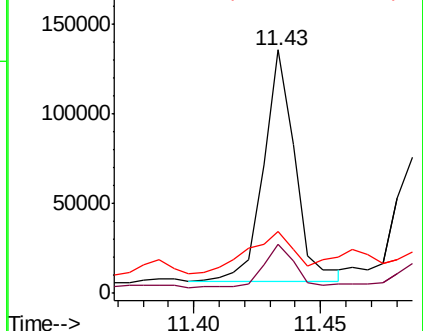
179 25.2 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 23.994 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

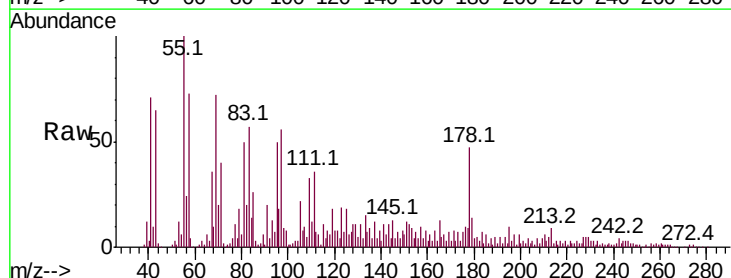
Tgt Ion:178 Resp: 58613

Ion Ratio Lower Upper

178 100

176 21.5 15.7 23.5

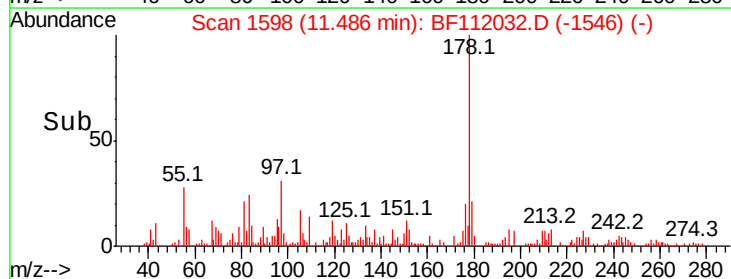
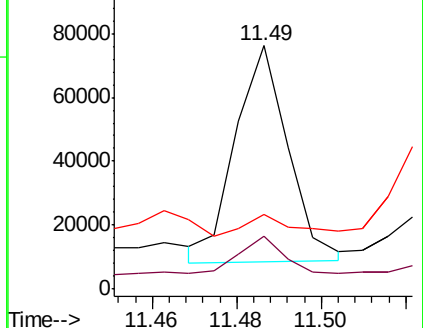
179 30.5 12.4 18.6#

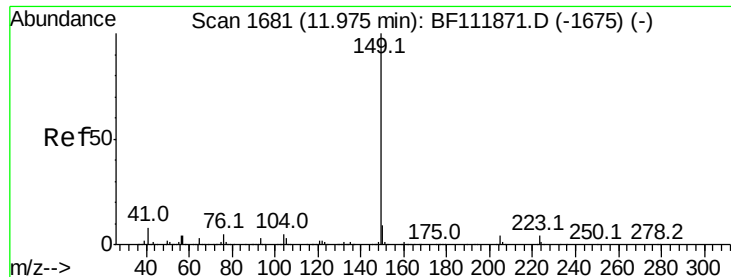


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 6.422 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.01 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

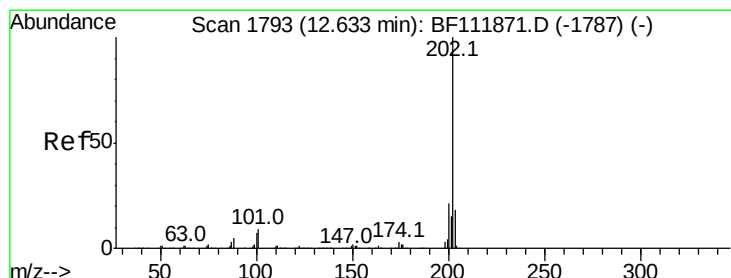
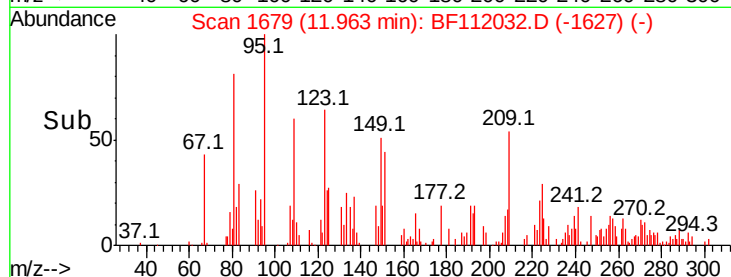
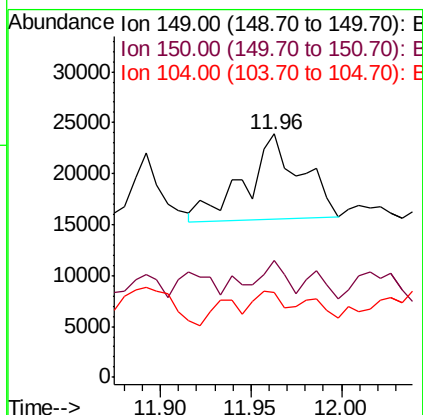
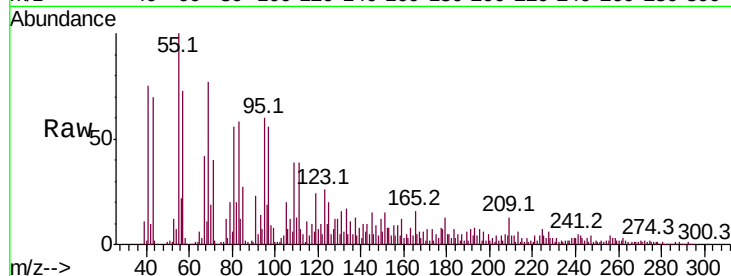
Tot Ion:149 Resp: 17724

Ion Ratio Lower Upper

149 100

150 47.8 7.5 11.3#

104 34.7 3.9 5.9#



#75

Fluoranthene

Concen: 64.321 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.02 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

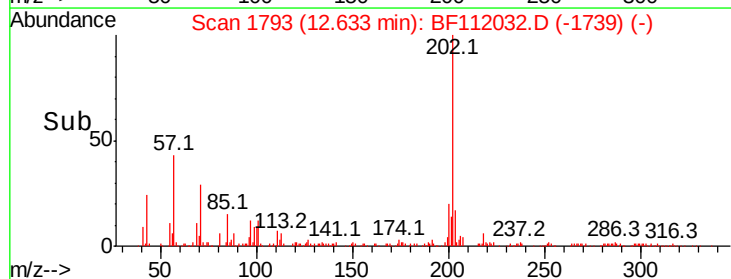
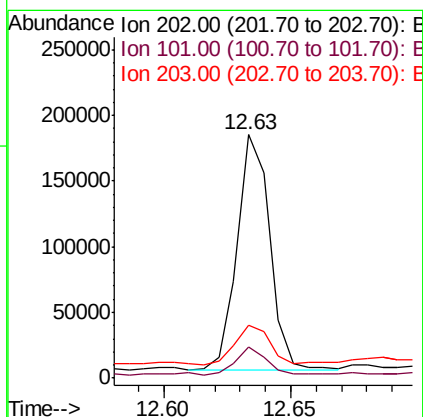
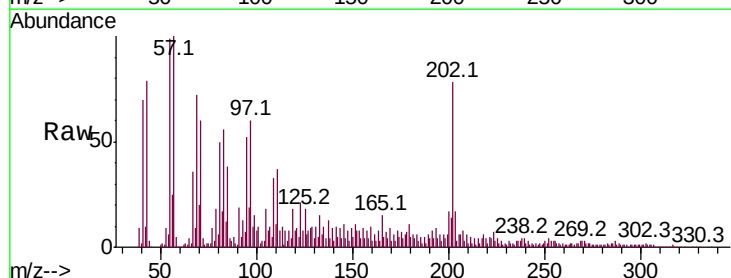
Tgt Ion:202 Resp: 158894

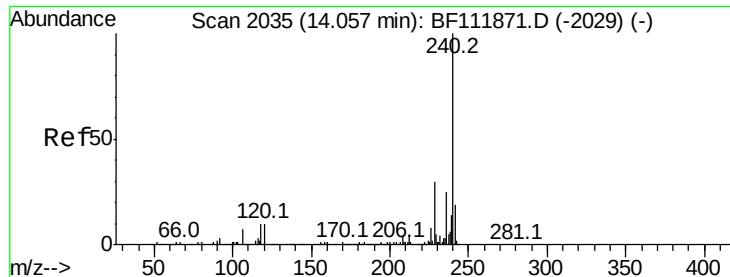
Ion Ratio Lower Upper

202 100

101 12.7 0.0 29.3

203 21.5 0.0 37.6

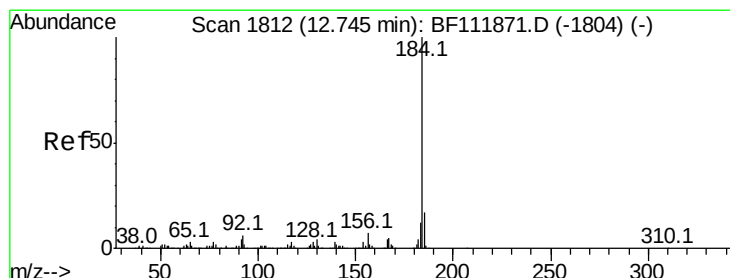
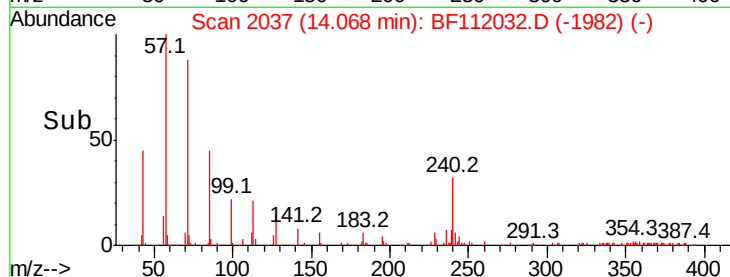
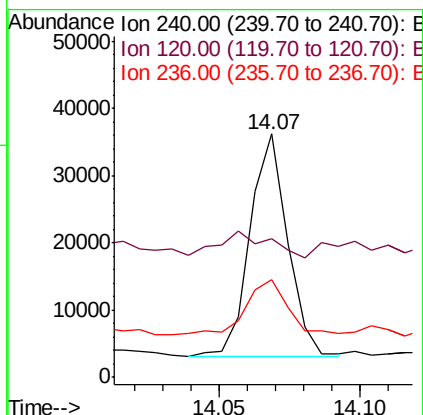
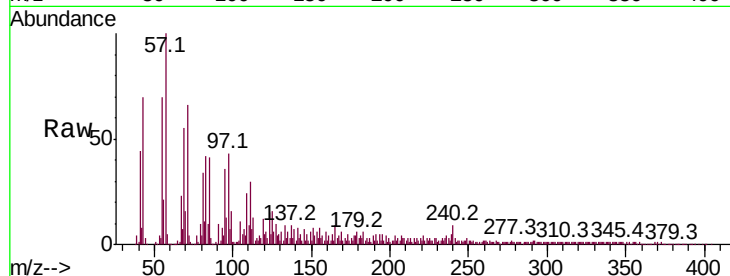




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF112032.D
 Acq: 11 Jan 2019 22:55

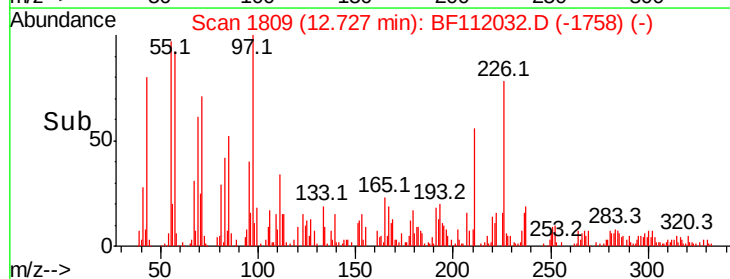
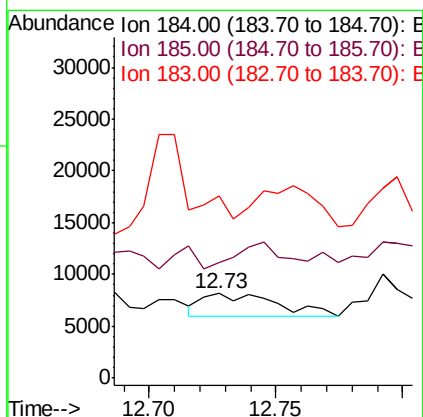
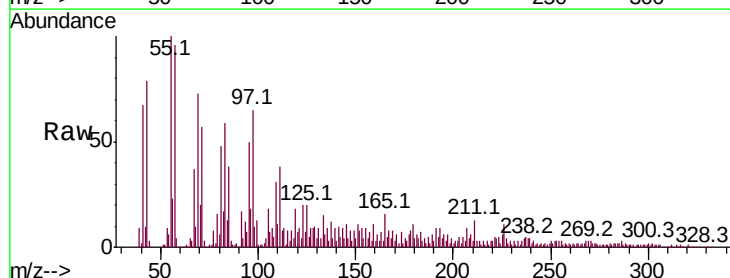
Instrument :
 BNA_F
 ClientSampled :

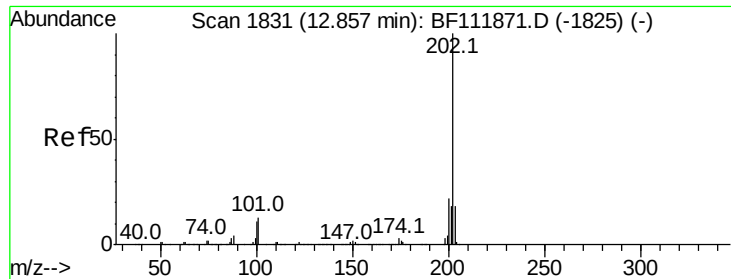
Tot Ion:240 Resp: 30280
 Ion Ratio Lower Upper
 240 100
 120 57.1 8.2 12.2#
 236 40.3 20.2 30.4#



#77
 Benzidine
 Concen: 5.100 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BF112032.D
 Acq: 11 Jan 2019 22:55

Tgt Ion:184 Resp: 4614
 Ion Ratio Lower Upper
 184 100
 185 136.6 13.4 20.0#
 183 214.6 9.6 14.4#

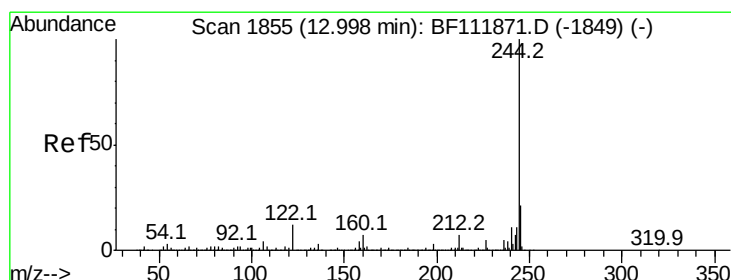
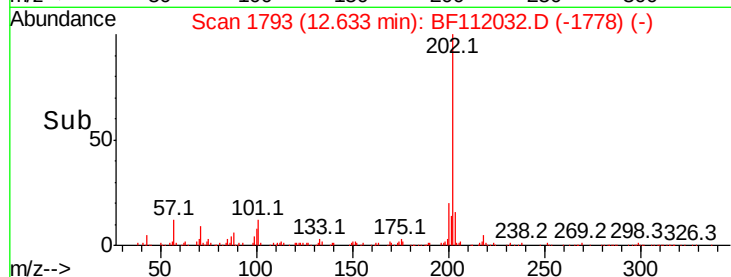
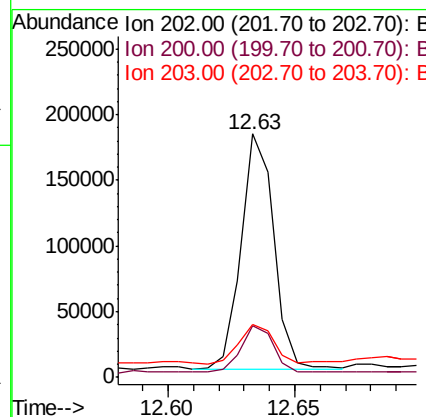
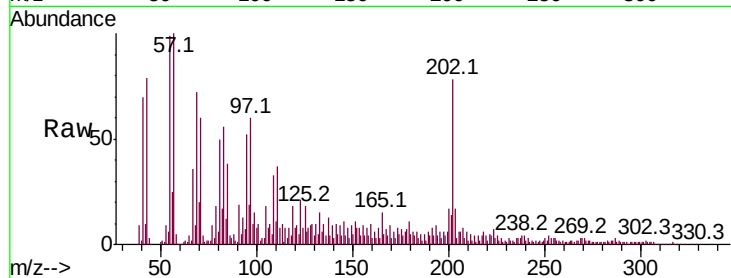




#78
Pvrene
Concen: 76.265 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.21 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

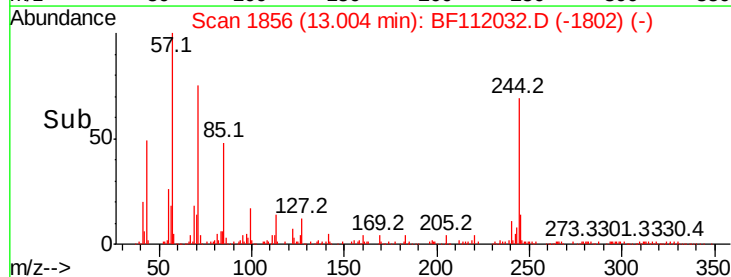
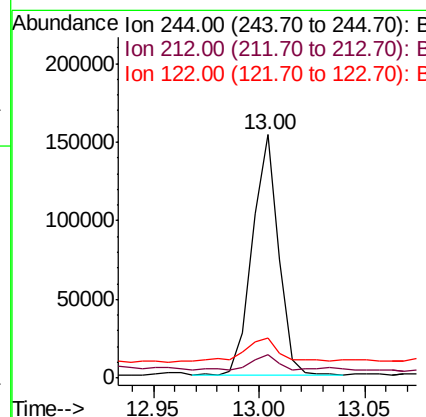
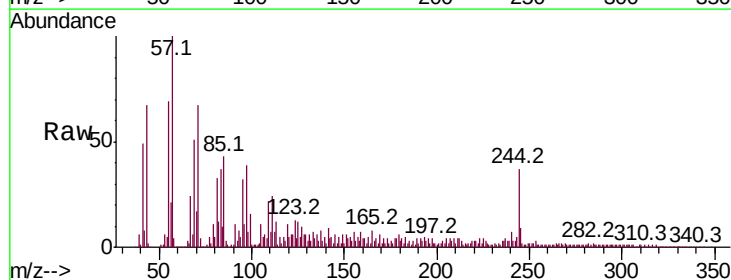
Instrument :
BNA_F
ClientSampleId :

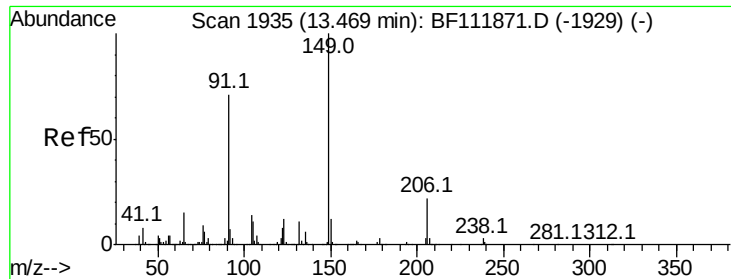
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	21.5	14.6	21.8



#79
Terphenyl-d14
Concen: 81.536 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.02 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	16.2	9.5	14.3#

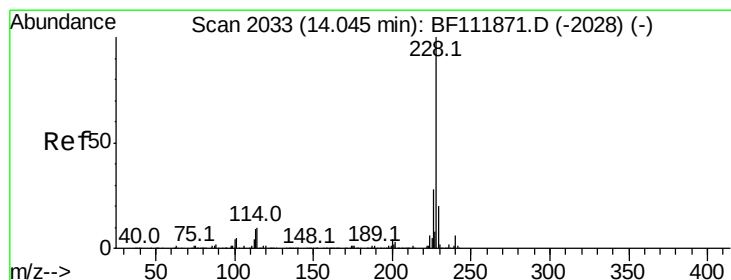
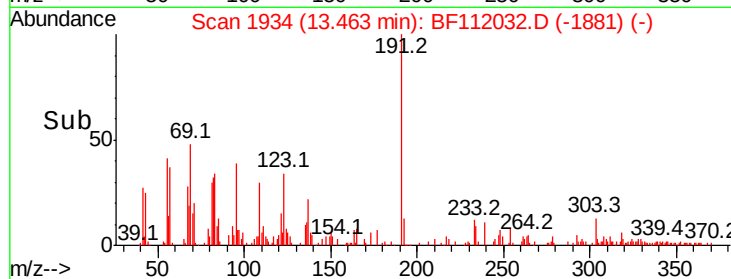
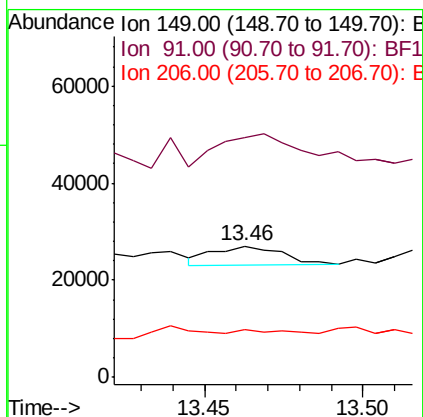
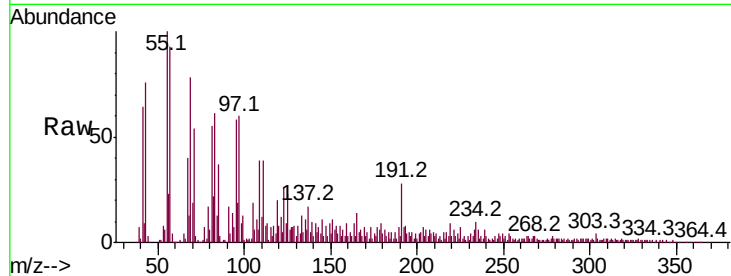




#80
Butylbenzylphthalate
Concen: 6.519 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

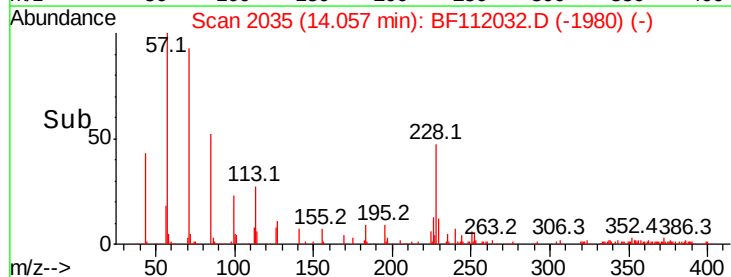
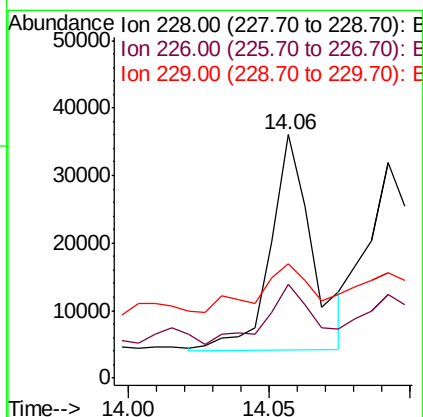
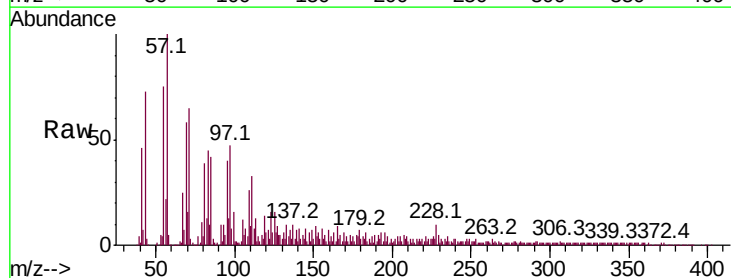
Instrument :
BNA_F
ClientSampleId :

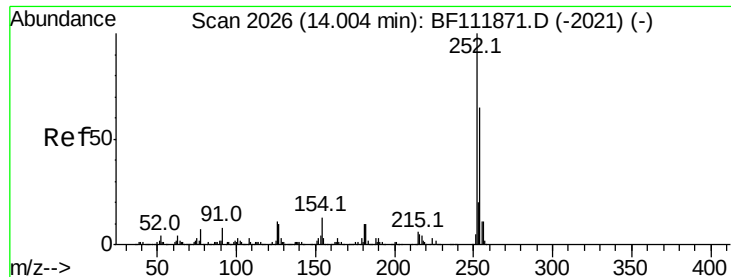
Tot Ion:149 Resp: 5742
Ion Ratio Lower Upper
149 100
91 182.3 57.2 85.8#
206 36.7 17.3 25.9#



#81
Benzo(a)anthracene
Concen: 18.628 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion:228 Resp: 32463
Ion Ratio Lower Upper
228 100
226 38.7 22.2 33.2#
229 46.7 16.2 24.2#

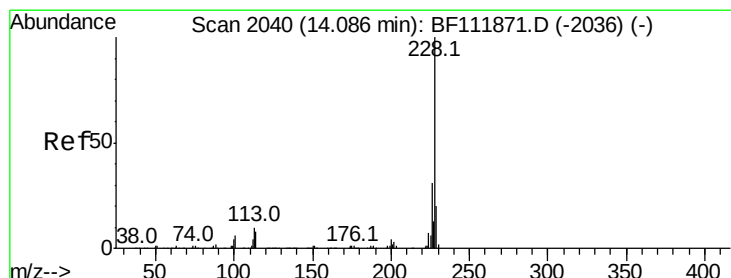
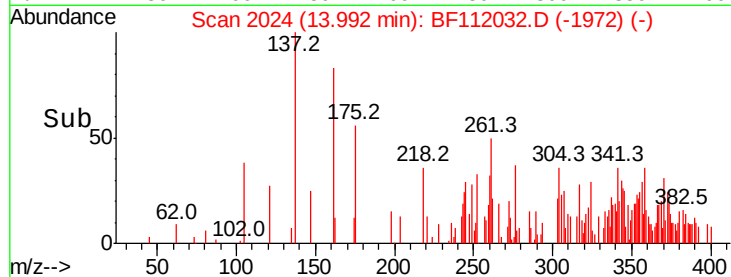
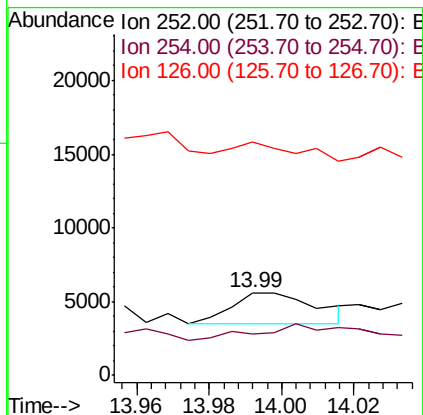
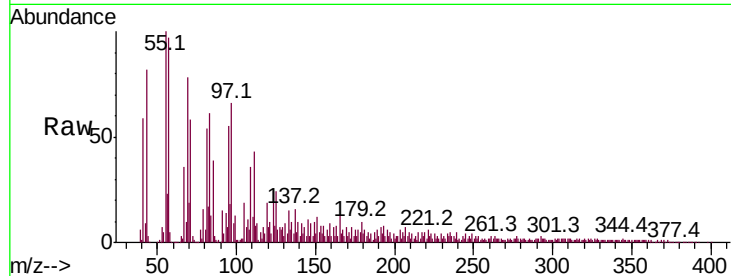




#82
 3,3'-Dichlorobenzidine
 Concen: 5.219 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF112032.D
 Acq: 11 Jan 2019 22:55

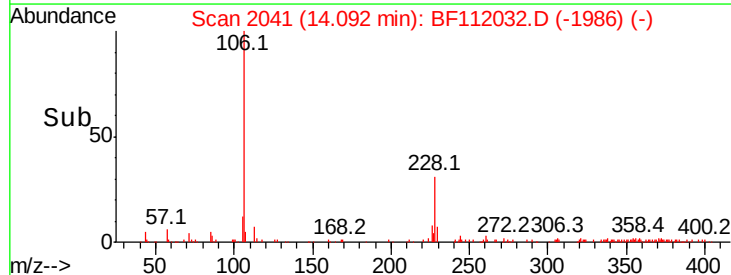
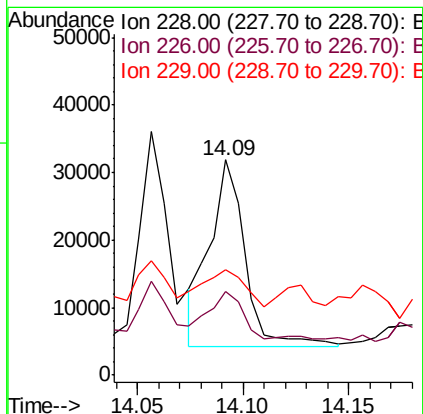
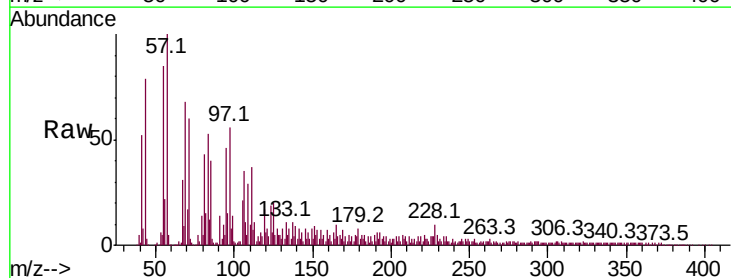
Instrument :
 BNA_F
 ClientSampled :

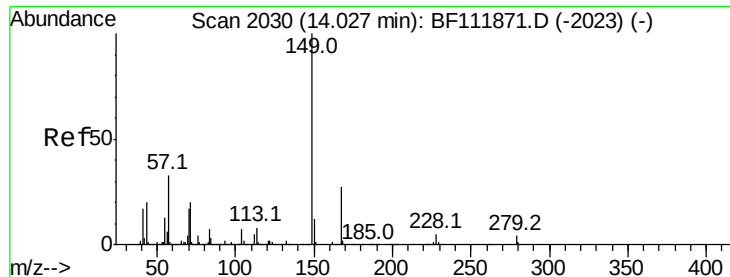
Tot Ion:252 Resp: 3358
 Ion Ratio Lower Upper
 252 100
 254 50.4 52.1 78.1#
 126 281.2 8.6 12.8#



#83
 Chrysene
 Concen: 19.454 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF112032.D
 Acq: 11 Jan 2019 22:55

Tgt Ion:228 Resp: 32324
 Ion Ratio Lower Upper
 228 100
 226 38.9 24.6 37.0#
 229 48.8 15.7 23.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 62.192 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.02 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

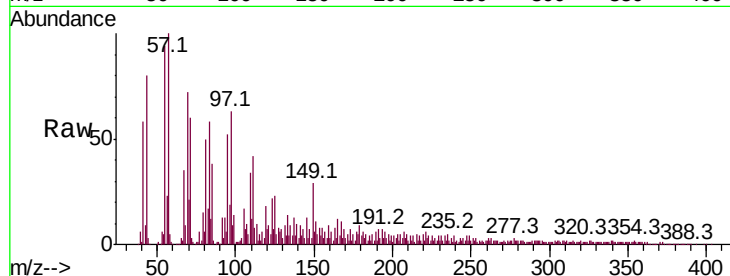
Tot Ion:149 Resp: 71942

Ion Ratio Lower Upper

149 100

167 39.0 21.5 32.3#

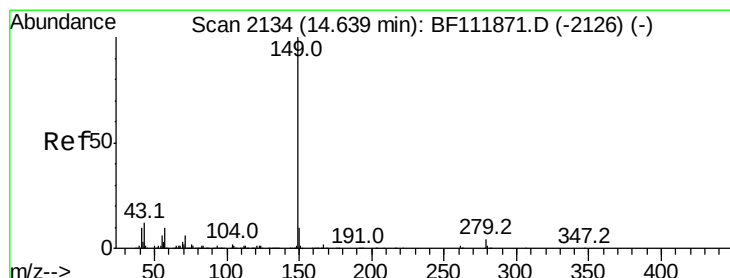
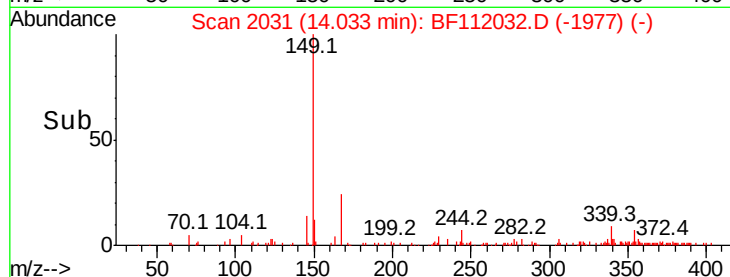
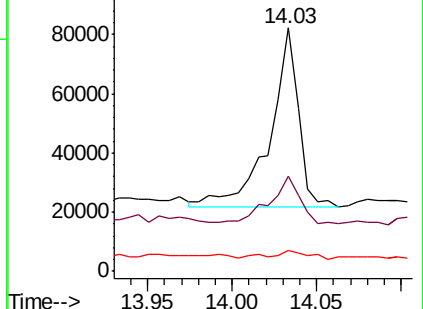
279 8.4 3.0 4.6#



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: 8.009 ng

RT: 14.67 min Scan# 2140

Delta R.T. 0.05 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

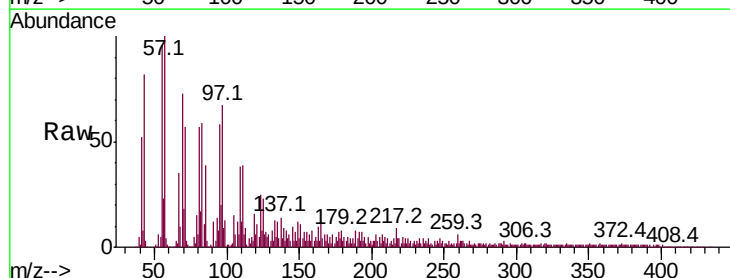
Tgt Ion:149 Resp: 13259

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

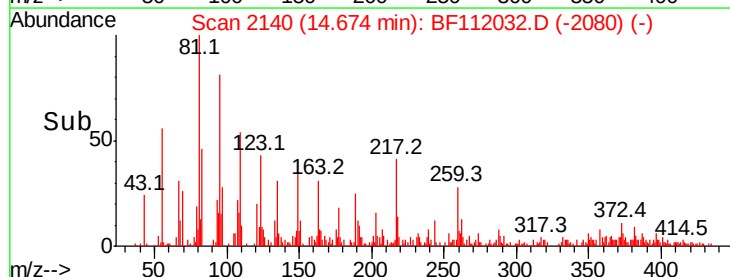
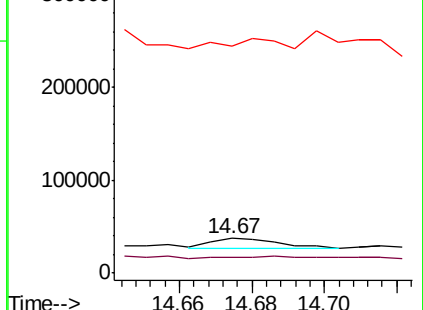
43 0.0 9.1 13.7#

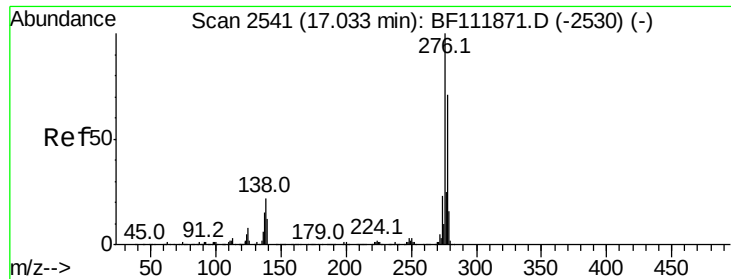


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Indeno(1,2,3-cd)pyrene

Concen: 8.584 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.05 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

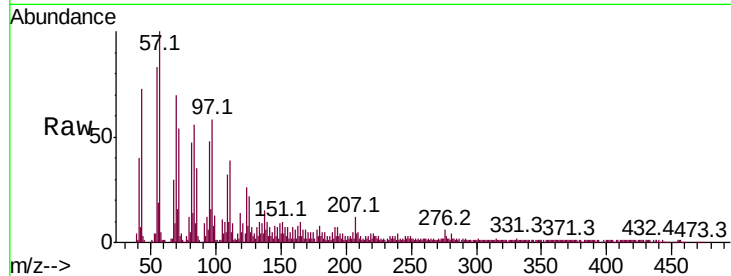
Tot Ion:276 Resp: 10398

Ion Ratio Lower Upper

276 100

138 10.7 18.1 27.1#

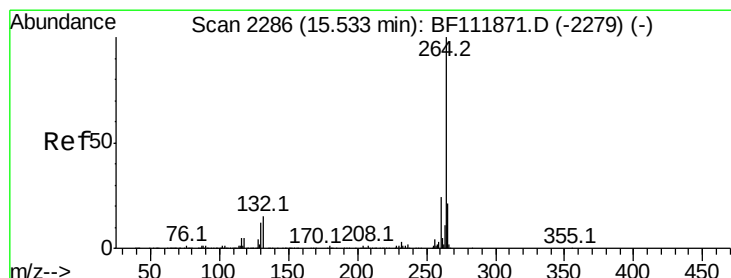
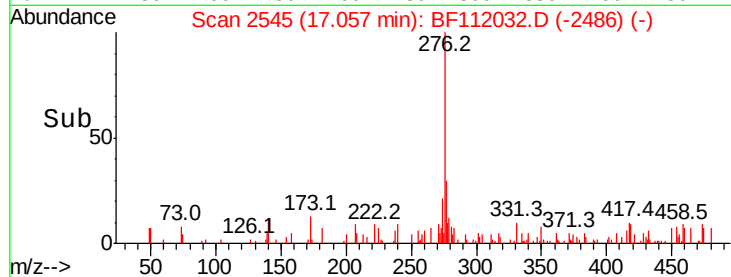
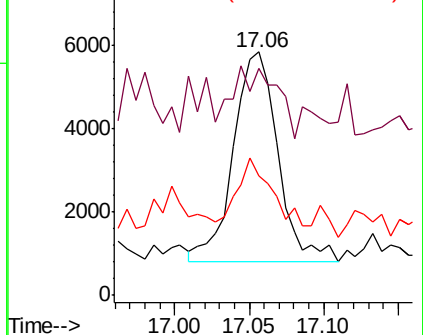
277 27.6 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

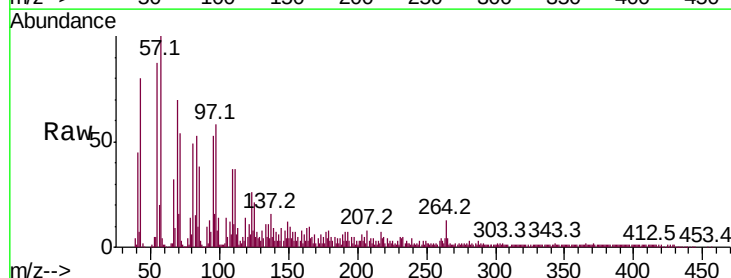
Tgt Ion:264 Resp: 30458

Ion Ratio Lower Upper

264 100

260 33.0 19.2 28.8#

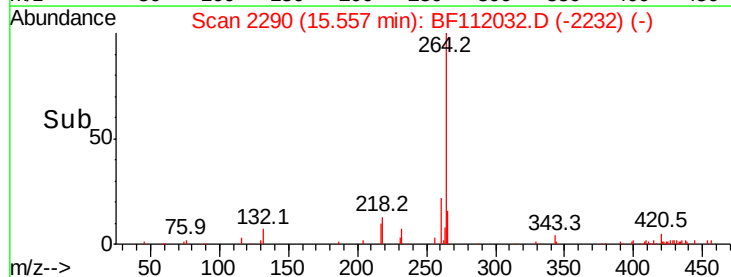
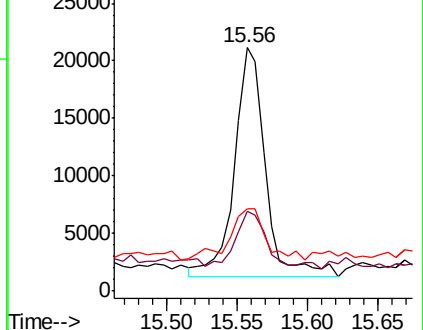
265 34.1 17.1 25.7#

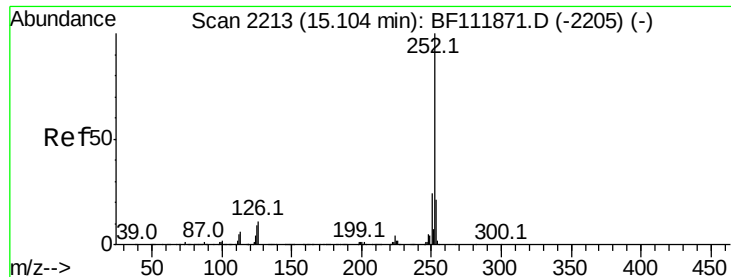


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

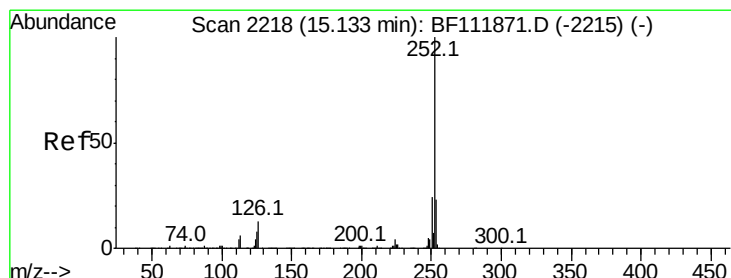
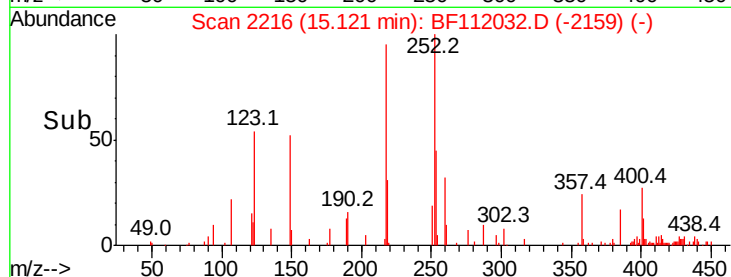
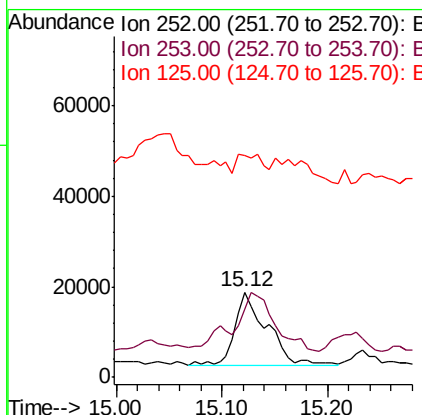
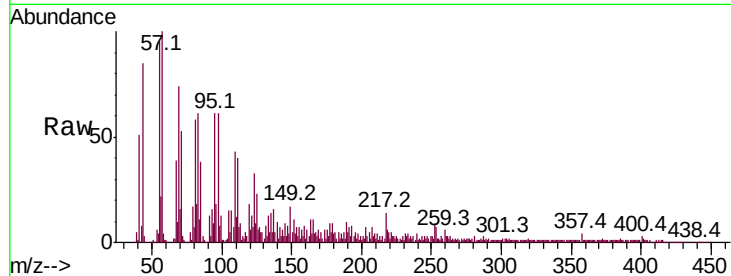




#88
Benzo(b)fluoranthene
Concen: 18.311 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

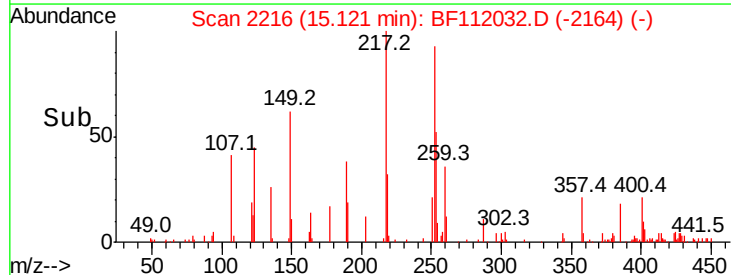
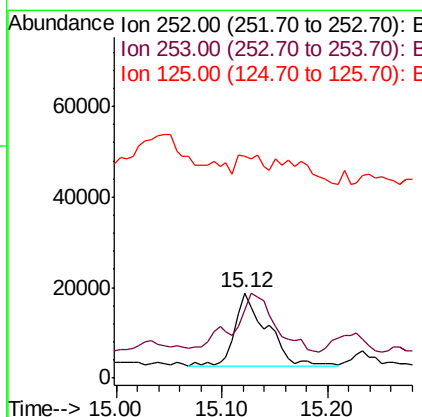
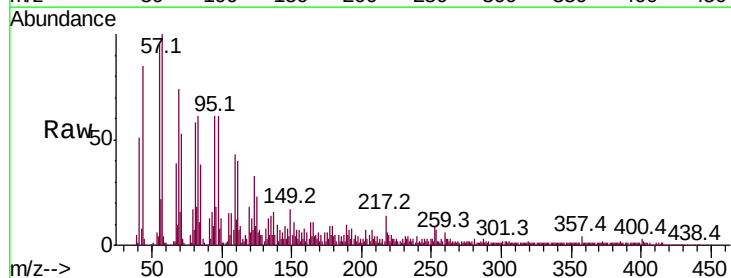
Instrument :
BNA_F
ClientSampleId :

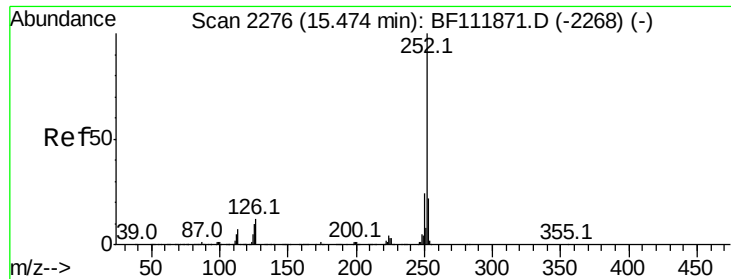
Tot Ion	Ratio	Lower	Upper
252	100		
253	80.6	17.0	25.6#
125	260.1	7.1	10.7#



#89
Benzo(k)fluoranthene
Concen: 19.481 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF112032.D
Acq: 11 Jan 2019 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	80.6	17.8	26.6#
125	260.1	7.0	10.4#





#90

Benzo(a)pyrene

Concen: 9.273 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.04 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

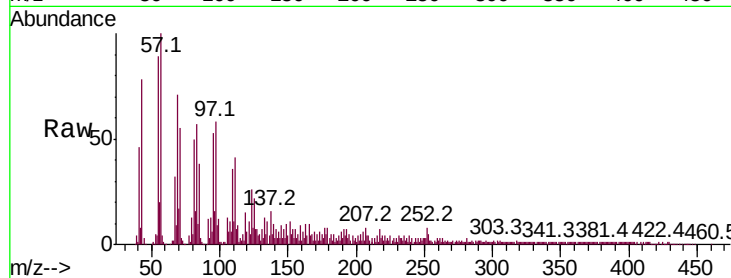
Tot Ion:252 Resp: 14855

Ion Ratio Lower Upper

252 100

253 60.6 17.4 26.2#

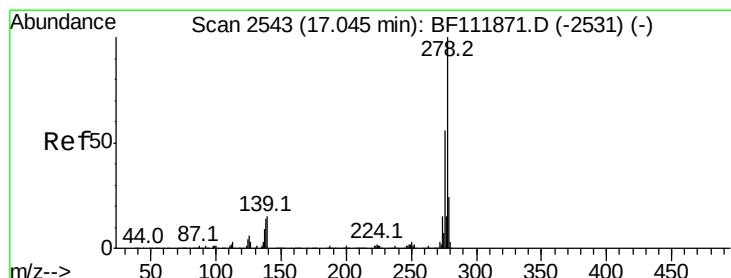
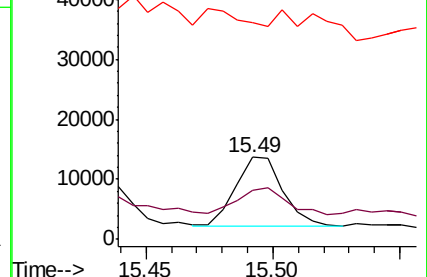
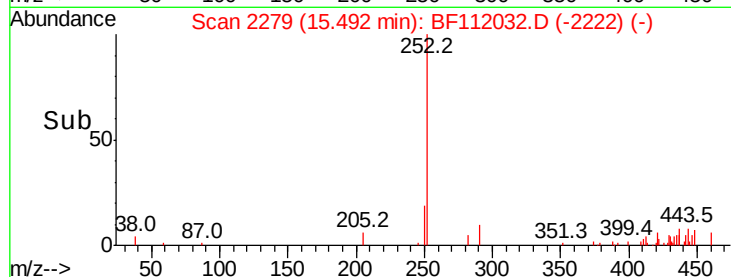
125 264.2 7.9 11.9#



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: 2.685 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.04 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

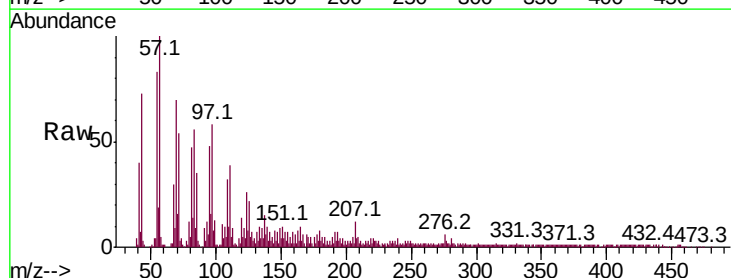
Tgt Ion:278 Resp: 3459

Ion Ratio Lower Upper

278 100

139 439.6 11.8 17.6#

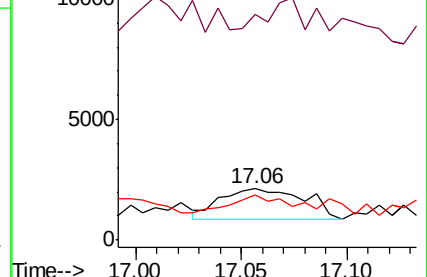
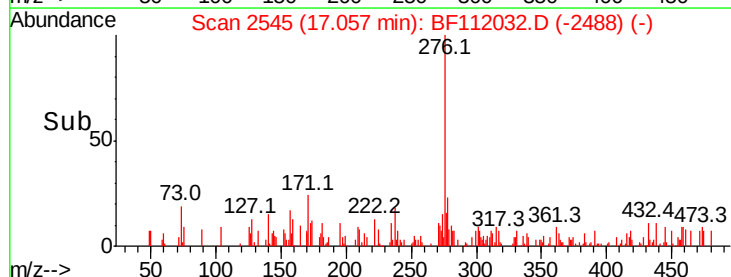
279 89.3 19.4 29.2#

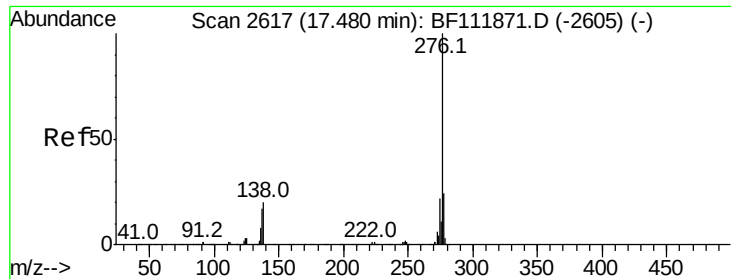


Abundance Ion 278.00 (277.70 to 278.70): E

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: 8.026 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.05 min

Lab File: BF112032.D

Acq: 11 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

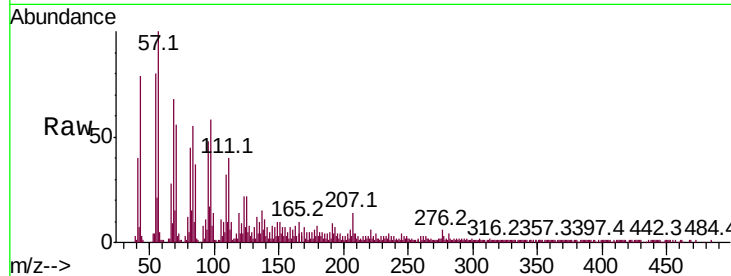
Tot Ion:276 Resp: 10115

Ion Ratio Lower Upper

276 100

277 45.9 19.0 28.6#

138 92.7 16.2 24.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

