

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117262.D
 Acq On : 26 Sep 2019 2:37
 Operator : JU
 Sample : K5008-03DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 04:13:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	37631	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	141596	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	66094	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	84862	20.00	ng	0.02
76) Chrysene-d12	13.98	240	66919	20.00	ng	0.00
87) Perylene-d12	15.43	264	55441	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	109556	45.45	ng	0.00
7) Phenol-d6	6.45	99	148897	47.80	ng	0.00
23) Nitrobenzene-d5	7.38	82	91033	33.78	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	21560	39.03	ng	0.01
45) 2-Fluorobiphenyl	9.17	172	146342	34.62	ng	0.00
79) Terphenyl-d14	12.92	244	104975	29.32	ng	0.00

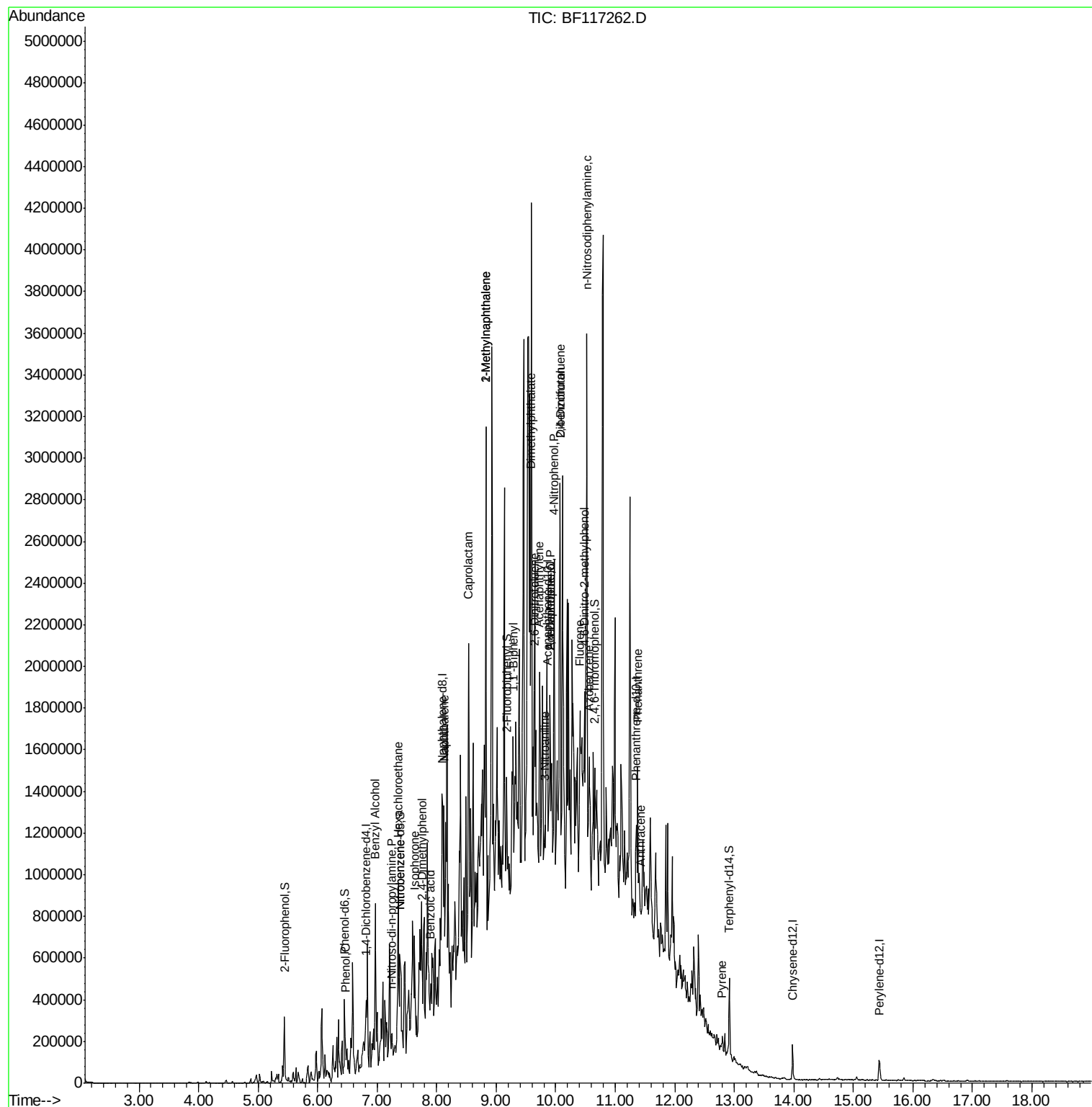
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.35	77	2849	Below Cal		# 43
10) Phenol	6.47	94	7526	2.192	ng	# 79
15) Benzyl Alcohol	6.97	79	5640	2.361	ng	# 47
18) Hexachloroethane	7.35	117	40618	35.458	ng	# 1
19) n-Nitroso-di-n-propylamine	7.25	70	7714	4.067	ng	# 70
24) Nitrobenzene	7.39	77	10121	3.803	ng	# 50
25) Isophorone	7.63	82	23957	5.021	ng	# 1
27) 2,4-Dimethylphenol	7.76	122	6227	3.435	ng	# 1
31) Naphthalene	8.12	128	199909	29.356	ng	# 94
32) Benzoic acid	7.90	122	4334	9.325	ng	# 1
35) Caprolactam	8.54	113	47231	73.464	ng	# 52
37) 2-Methylnaphthalene	8.83	142	722201	157.489	ng	# 99
38) 1-Methylnaphthalene	8.83	142	722201	168.153	ng	# 97
46) 1,1'-Biphenyl	9.28	154	63311	12.212	ng	# 99
49) Acenaphthylene	9.73	152	24023	3.919	ng	# 1
50) Dimethylphthalate	9.57	163	24466	5.228	ng	# 64
51) 2,6-Dinitrotoluene	9.63	165	3922	4.115	ng	# 72
52) Acenaphthene	9.90	154	41350	11.380	ng	# 73
53) 3-Nitroaniline	9.82	138	4025	3.347	ng	# 27
54) 2,4-Dinitrophenol	9.91	184	306	9.825	ng	# 1
55) Dibenzofuran	10.07	168	56053	10.456	ng	# 5
56) 4-Nitrophenol	9.97	139	35902	46.064	ng	# 61
57) 2,4-Dinitrotoluene	10.07	165	17335	14.011	ng	# 51
58) Fluorene	10.42	166	92549	21.431	ng	# 92
63) Azobenzene	10.56	77	11234	2.389	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.48	198	1887	11.081	ng	# 1
66) n-Nitrosodiphenylamine	10.52	169	128301	43.777	ng	# 49
71) Phenanthrene	11.37	178	256234	53.159	ng	# 96
72) Anthracene	11.43	178	19799	4.023	ng	# 60
78) Pyrene	12.79	202	16984	3.025	ng	# 94

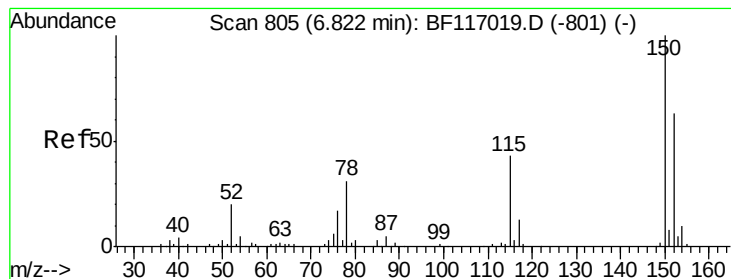
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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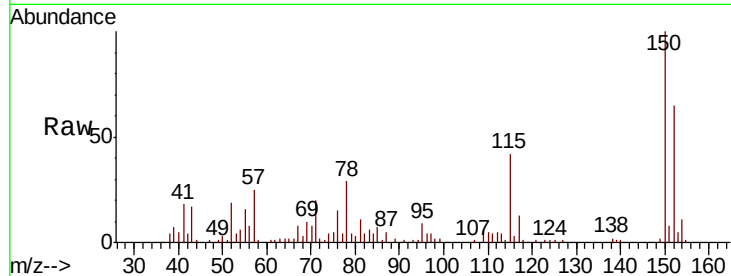




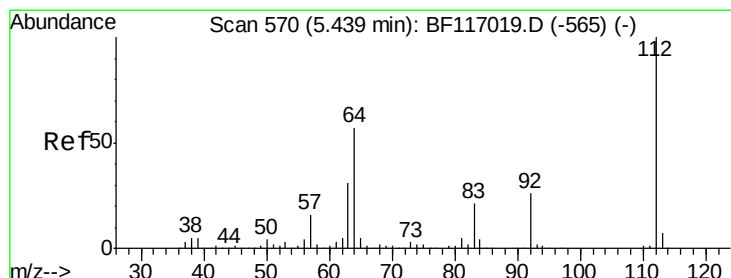
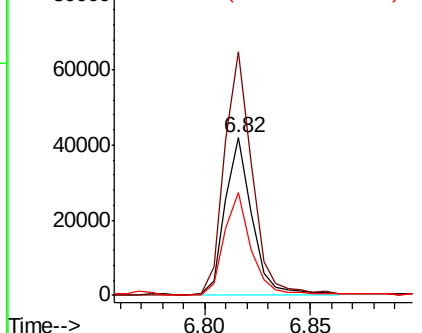
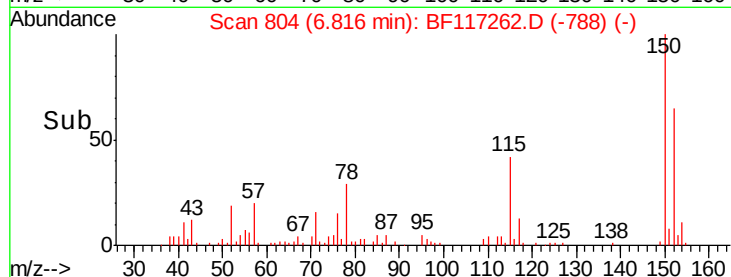
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117262.D
 Acq: 26 Sep 2019 2:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 37631
 Ion Ratio Lower Upper
 152 100
 150 154.5 127.5 191.3
 115 65.6 55.0 82.4

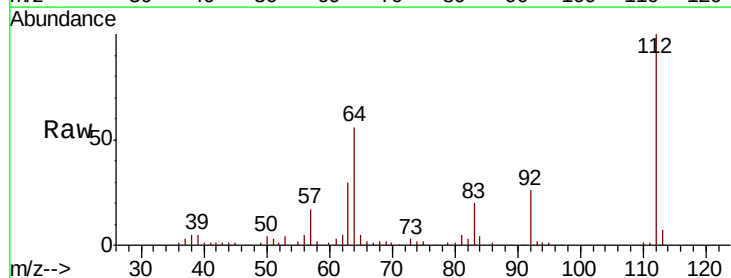


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

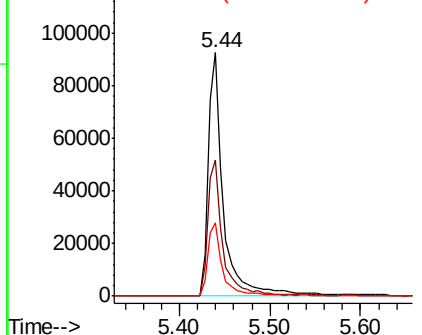
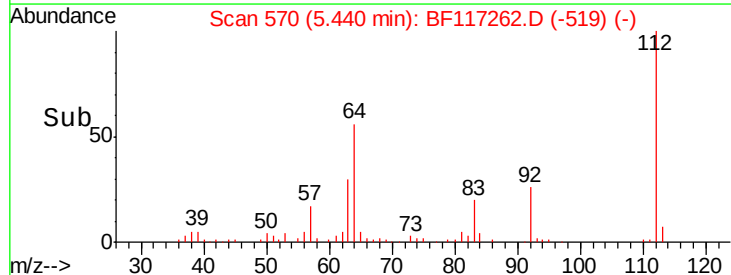


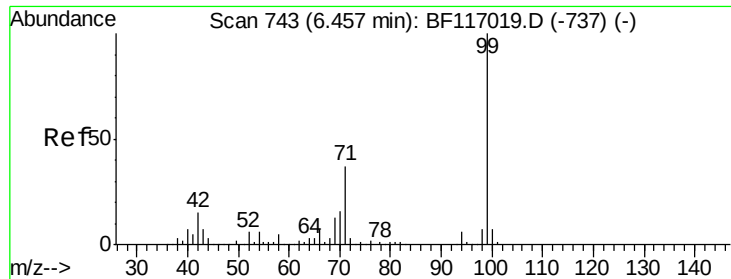
#5
 2-Fluorophenol
 Concen: 45.453 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF117262.D
 Acq: 26 Sep 2019 2:37

Tgt Ion:112 Resp: 109556
 Ion Ratio Lower Upper
 112 100
 64 55.7 45.7 68.5
 63 29.9 24.9 37.3



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: 47.800 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

ClientSampleId :

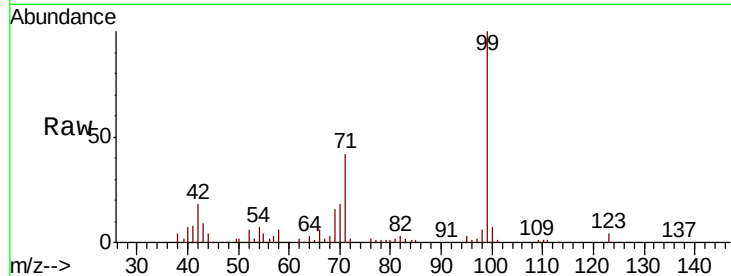
Tot Ion: 99 Resp: 148897

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

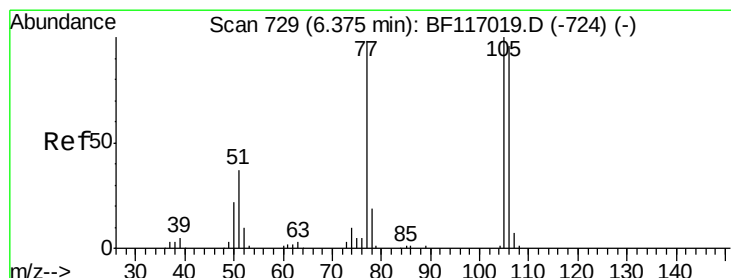
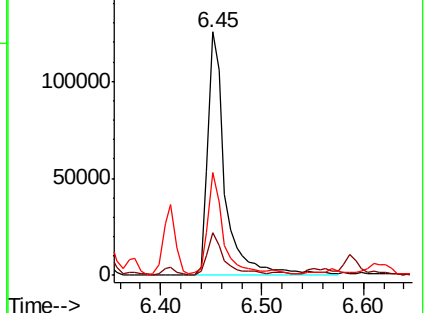
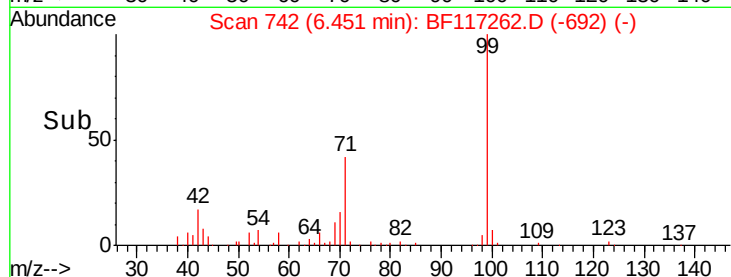
71 42.4 29.8 44.8



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: Below Cal

RT: 6.35 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

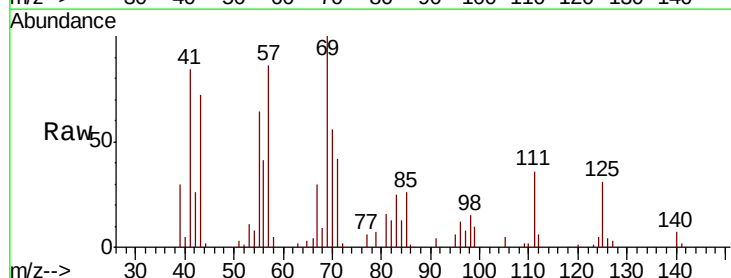
Tgt Ion: 77 Resp: 2849

Ion Ratio Lower Upper

77 100

105 83.8 81.8 121.8

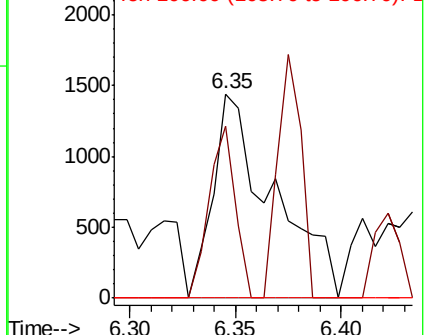
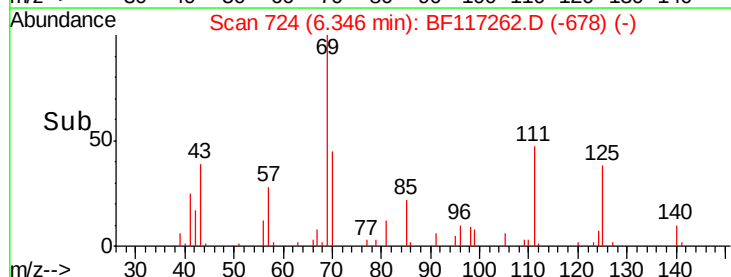
106 0.0 77.3 117.3#

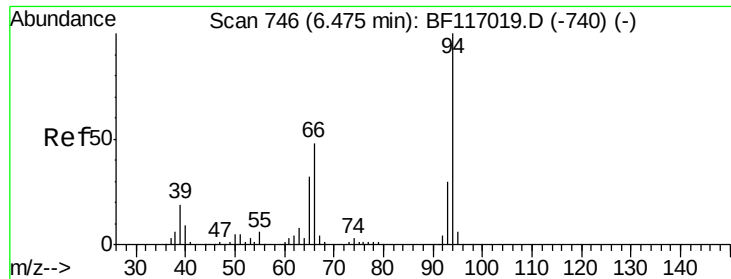


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.192 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

ClientSampled :

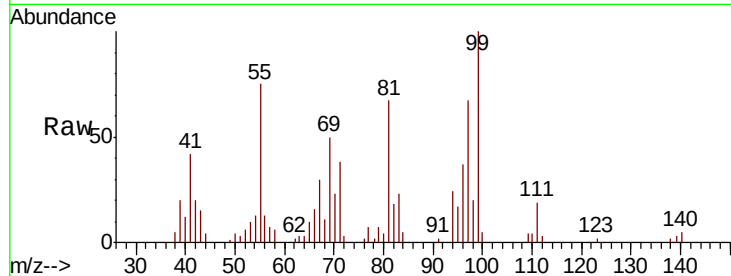
Tot Ion: 94 Resp: 7526

Ion Ratio Lower Upper

94 100

65 41.1 12.5 52.5

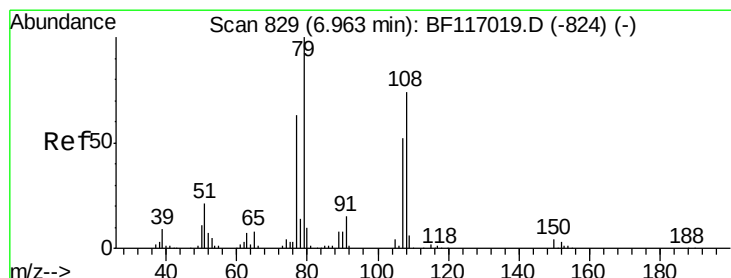
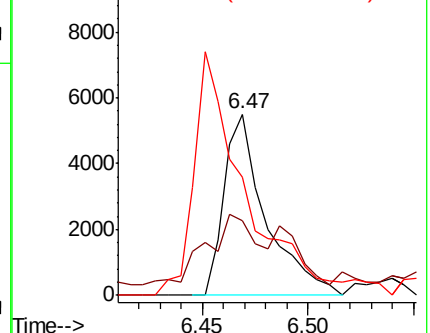
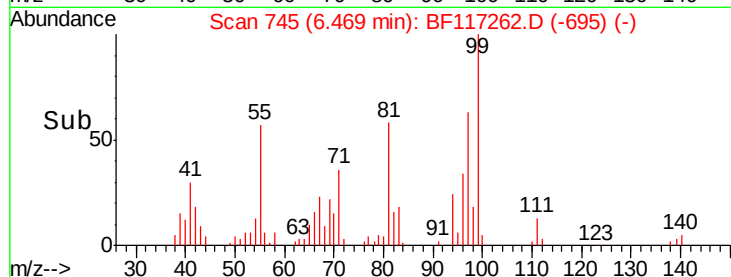
66 65.3 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#15

Benzyl Alcohol

Concen: 2.361 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

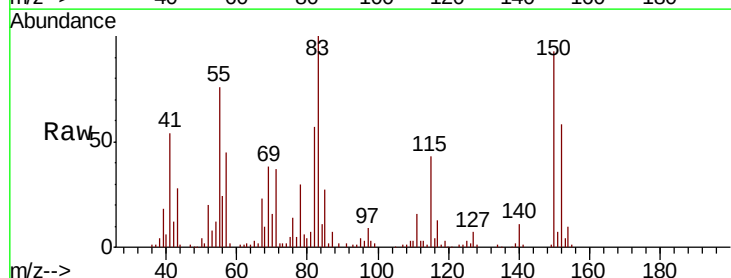
Tgt Ion: 79 Resp: 5640

Ion Ratio Lower Upper

79 100

108 13.8 59.4 89.0#

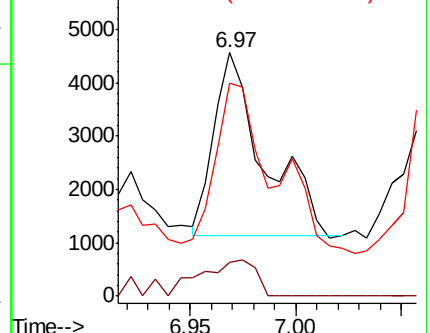
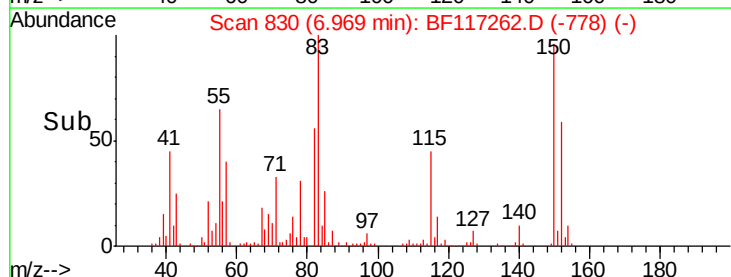
77 87.3 50.2 75.2#

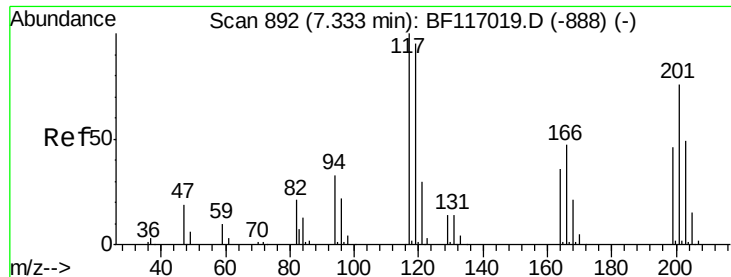


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1





#18

Hexachloroethane

Concen: 35.458 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.02 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

ClientSampleId :

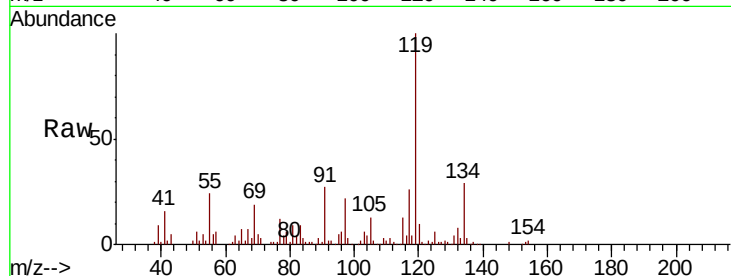
Tot Ion:117 Resp: 40618

Ion Ratio Lower Upper

117 100

119 386.4 75.8 113.8#

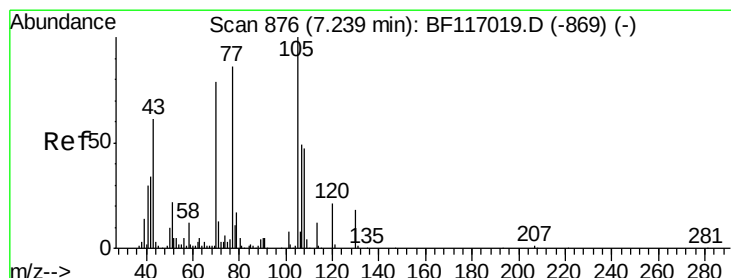
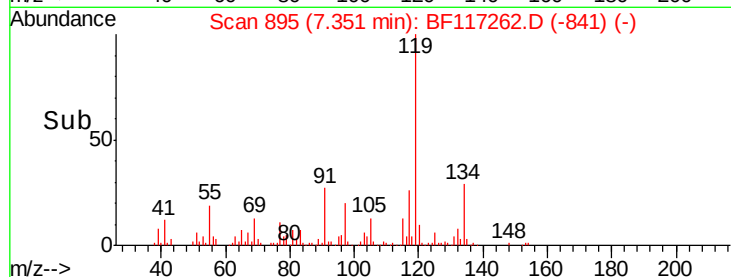
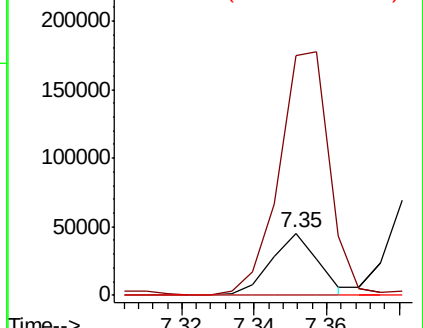
201 0.0 60.9 91.3#



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: 4.067 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Tgt Ion: 70 Resp: 7714

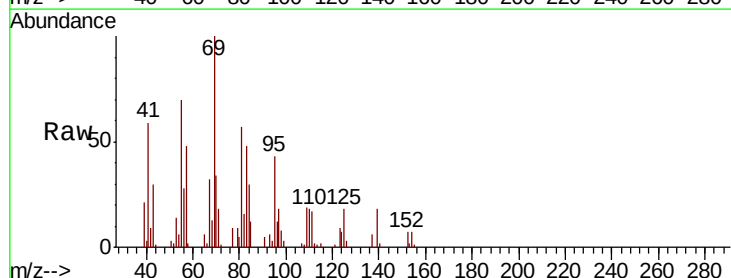
Ion Ratio Lower Upper

70 100

42 28.1 34.0 51.0#

101 0.0 7.8 11.6#

130 0.0 17.8 26.8#

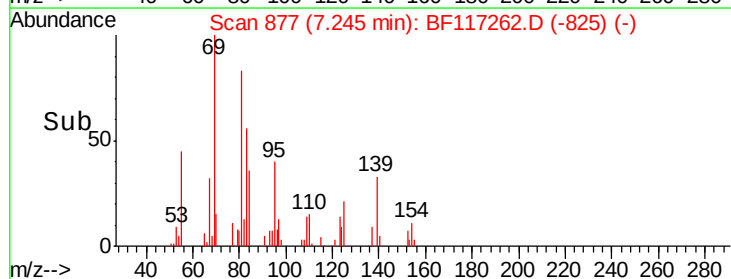
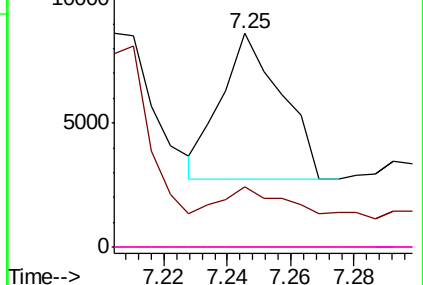


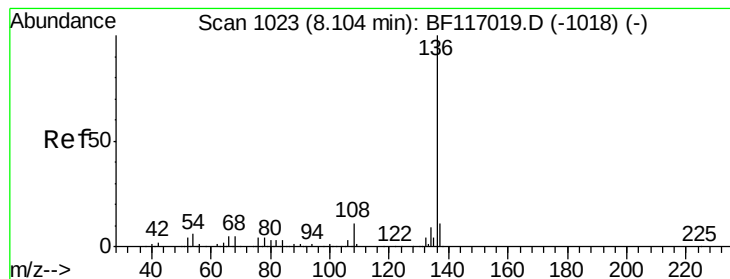
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 141596

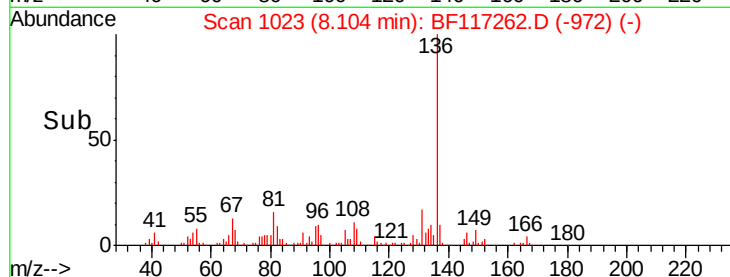
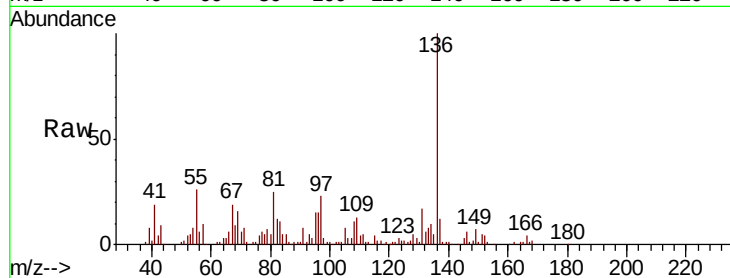
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.4

54 8.0 4.5 6.7#

68 9.5 4.0 6.0#

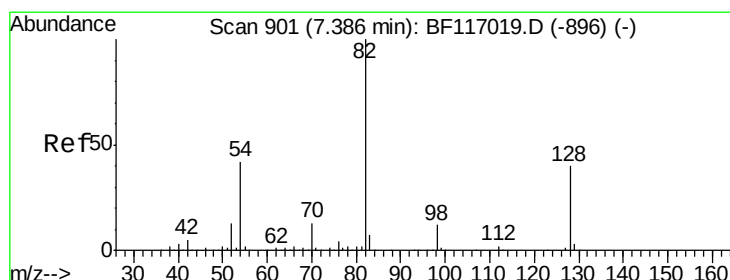
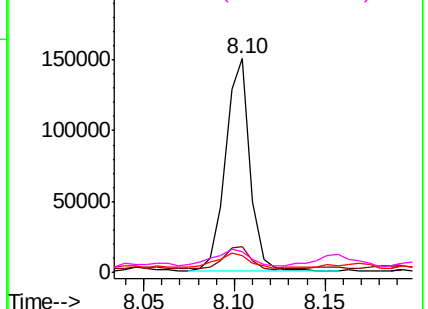


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 33.780 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

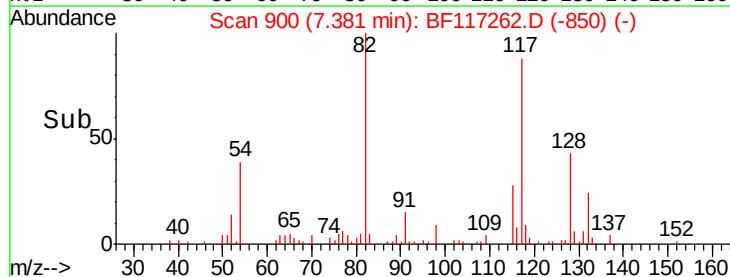
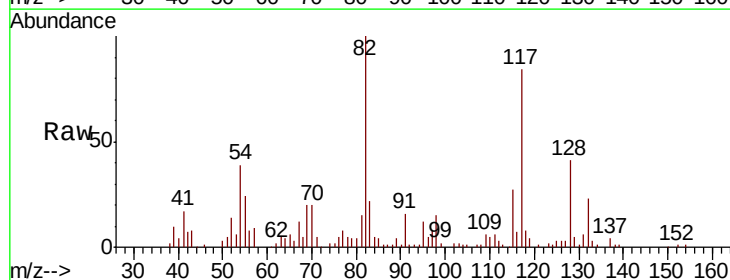
Tgt Ion: 82 Resp: 91033

Ion Ratio Lower Upper

82 100

128 41.2 32.3 48.5

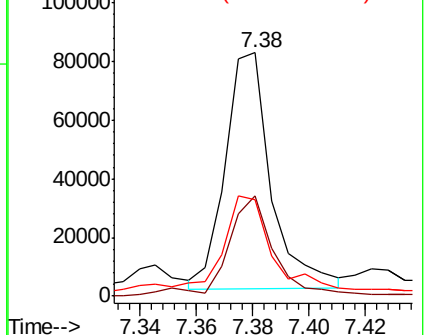
54 39.4 33.3 49.9

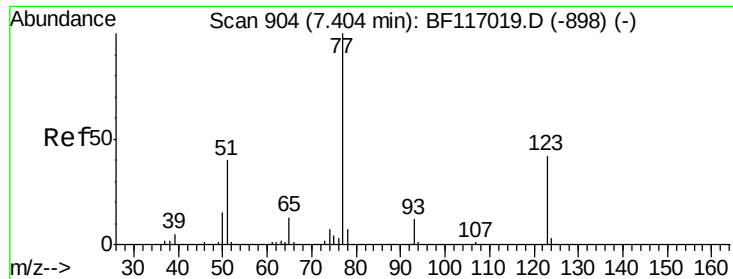


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

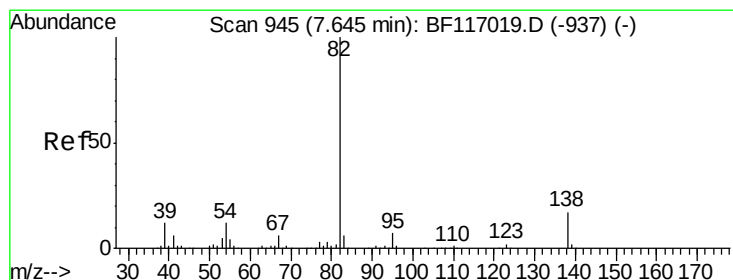
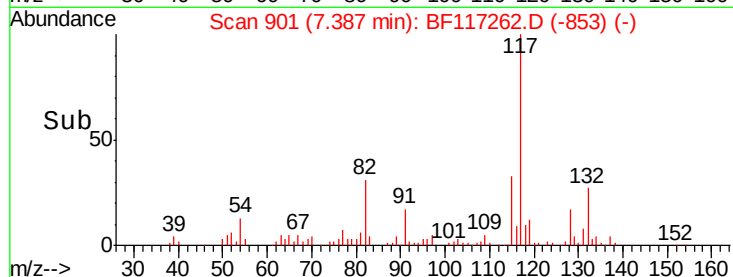
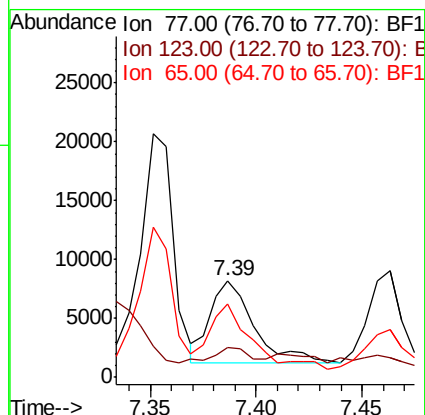
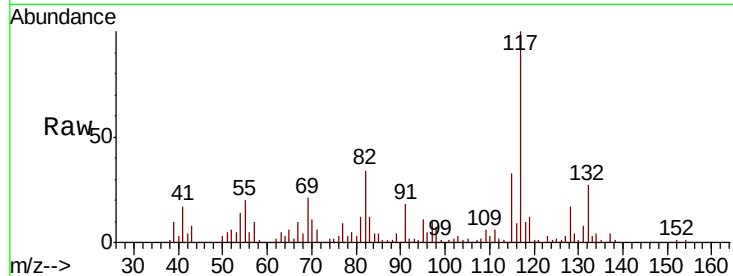




#24
 Nitrobenzene
 Concen: 3.803 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF117262.D
 Acq: 26 Sep 2019 2:37

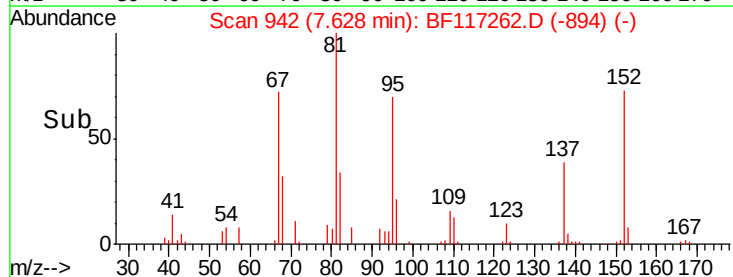
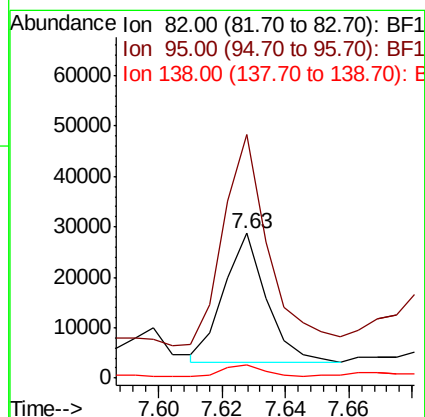
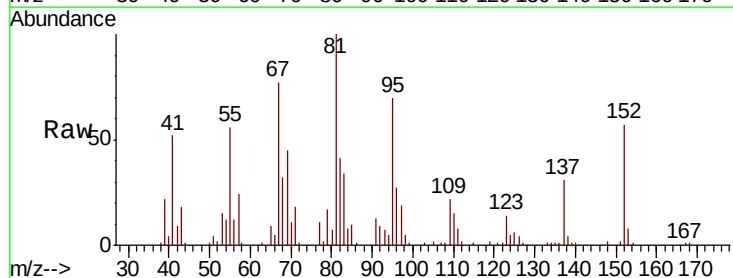
Instrument :
 BNA_F
 ClientSampleId :

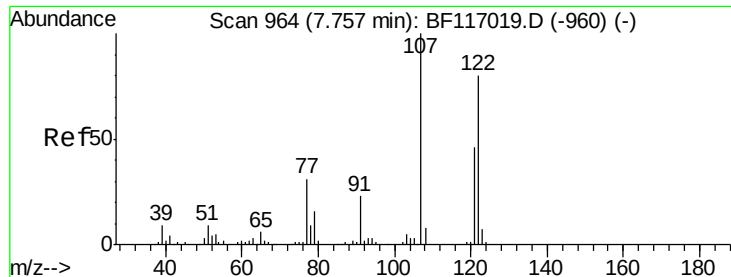
Tot Ion	77	123	65
Resp	10121	31.4	75.3
Ratio	100	33.5	10.5
Lower		50.3#	15.7#
Upper			



#25
 Isophorone
 Concen: 5.021 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF117262.D
 Acq: 26 Sep 2019 2:37

Tgt Ion	82	95	138
Resp	23957	168.2	9.6
Ratio	100	5.8	13.5
Lower		8.6#	20.3#
Upper			

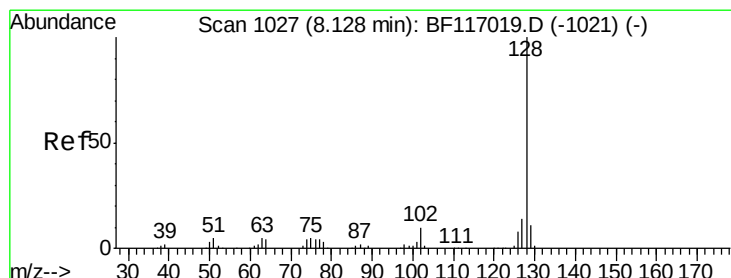
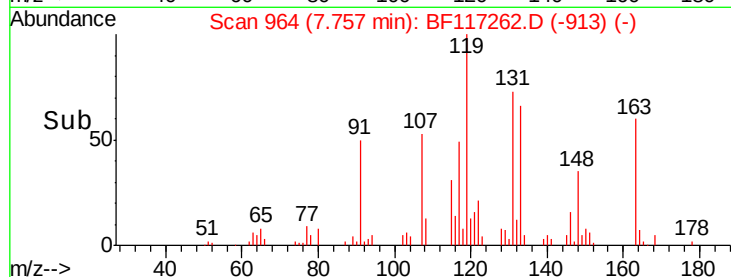
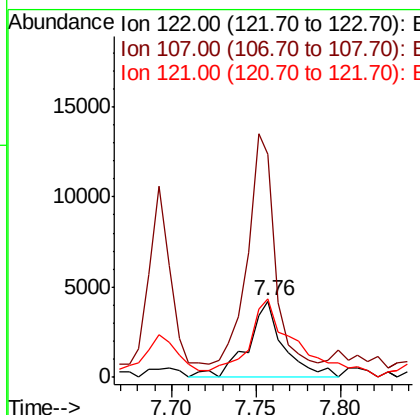
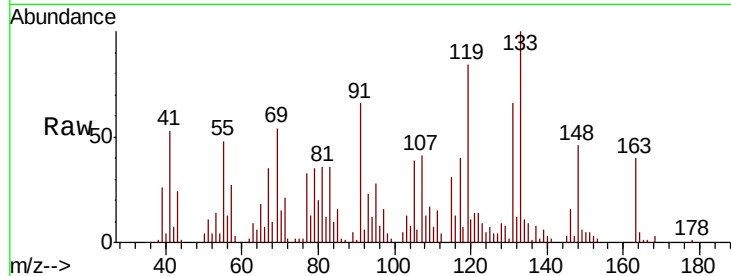




#27
 2,4-Dimethylphenol
 Concen: 3.435 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117262.D
 Acq: 26 Sep 2019 2:37

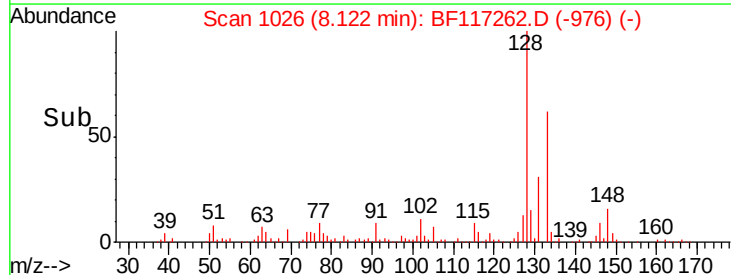
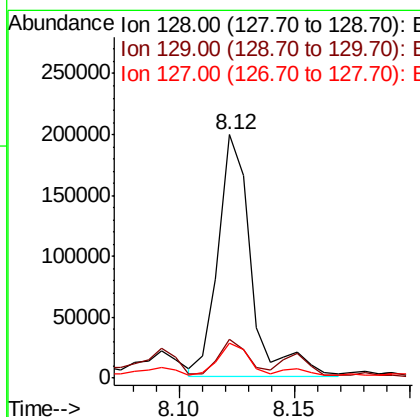
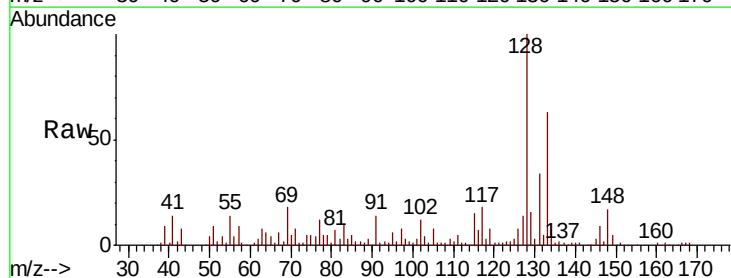
Instrument :
 BNA_F
 ClientSampleId :

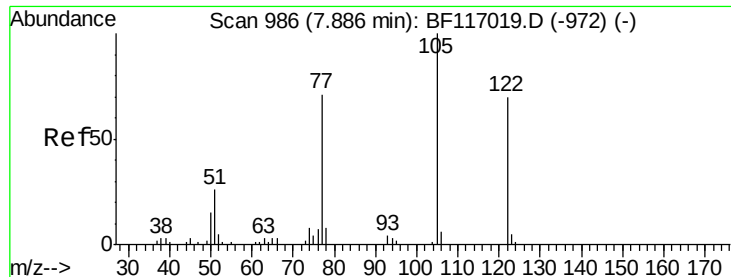
Tot Ion:122 Resp: 6227
 Ion Ratio Lower Upper
 122 100
 107 292.1 98.9 148.3#
 121 102.6 45.3 67.9#



#31
 Naphthalene
 Concen: 29.356 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF117262.D
 Acq: 26 Sep 2019 2:37

Tgt Ion:128 Resp: 199909
 Ion Ratio Lower Upper
 128 100
 129 15.7 9.0 13.4#
 127 14.3 10.8 16.2

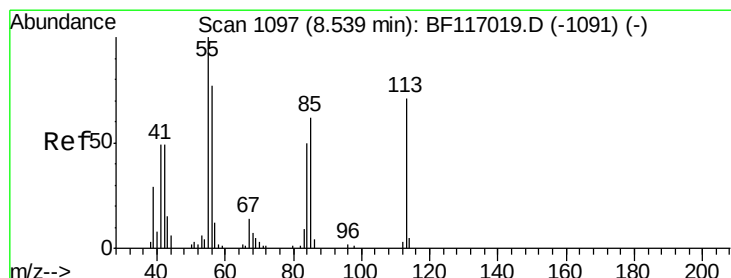
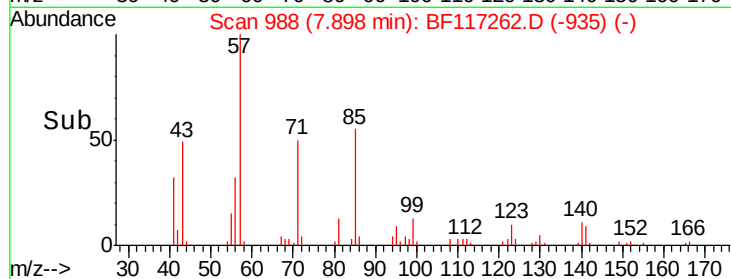
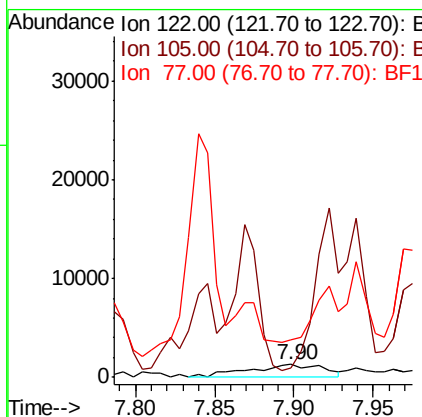
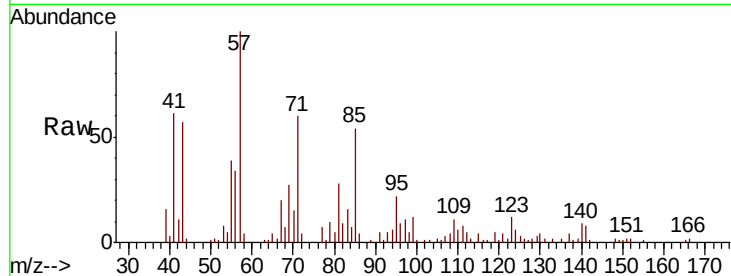




#32
Benzoic acid
Concen: 9.325 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

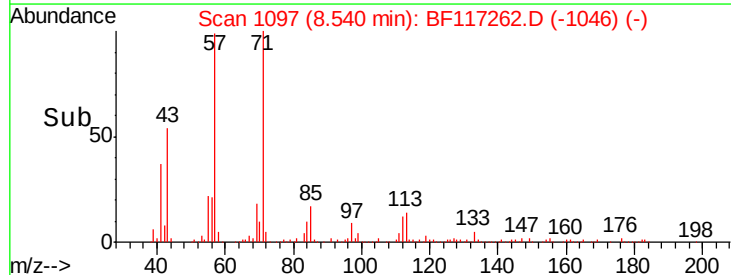
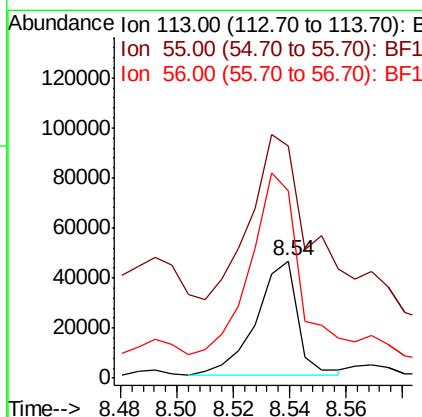
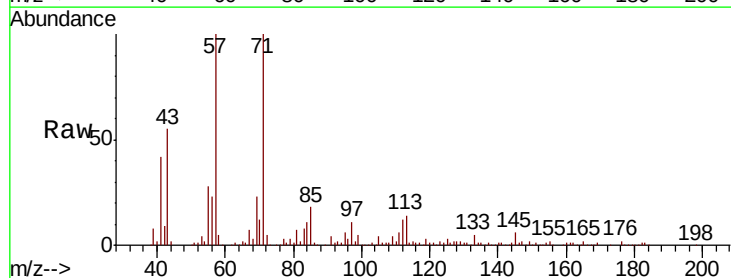
Instrument :
BNA_F
ClientSampleId :

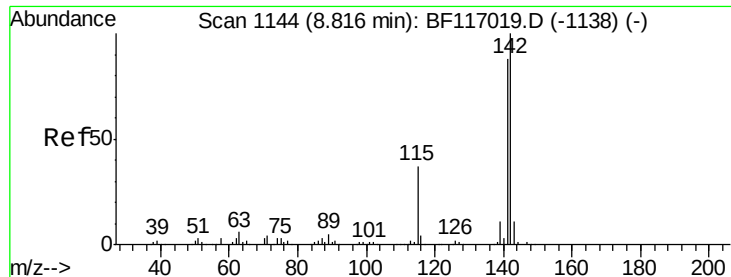
Tot Ion:122 Resp: 4334
Ion Ratio Lower Upper
122 100
105 75.3 114.8 154.8#
77 291.0 78.7 118.7#



#35
Caprolactam
Concen: 73.464 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Tgt Ion:113 Resp: 47231
Ion Ratio Lower Upper
113 100
55 197.6 120.6 160.6#
56 159.8 88.8 128.8#

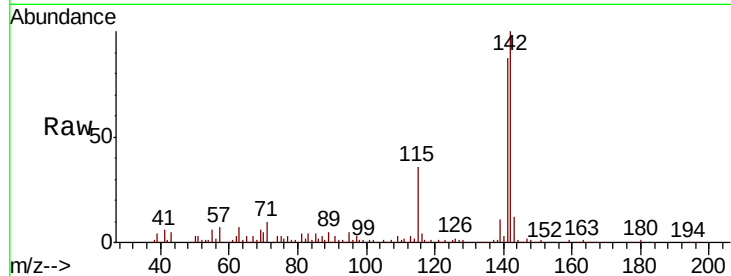




#37
2-Methylnaphthalene
Concen: 157.489 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.7	106.1
115	35.6	29.4	44.0

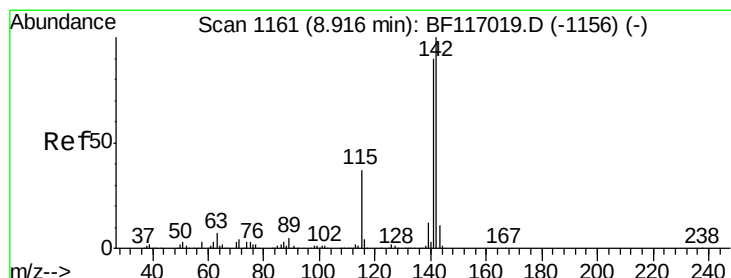
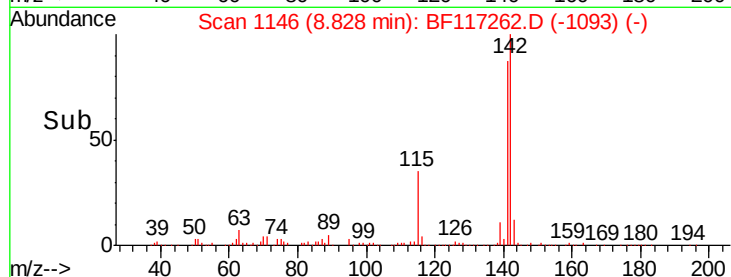
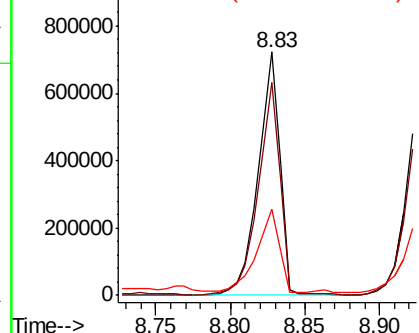


Abundance

Ion 142.00 (141.70 to 142.70): E

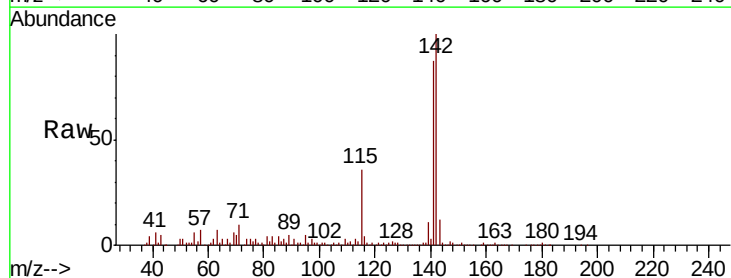
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 168.153 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.9	107.9
116	3.7	3.2	4.8

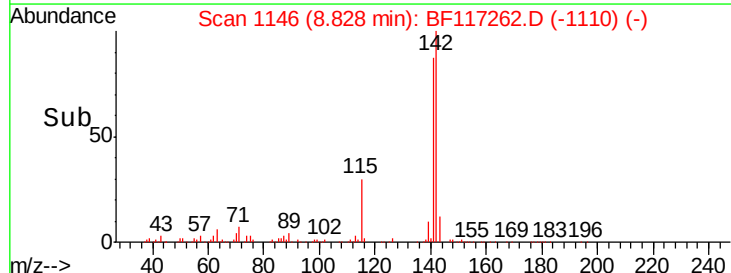
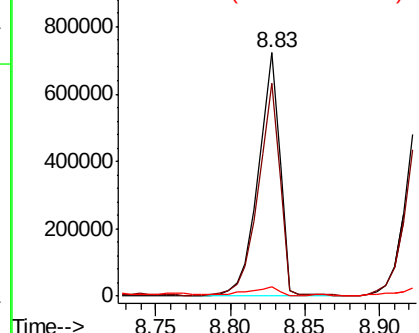


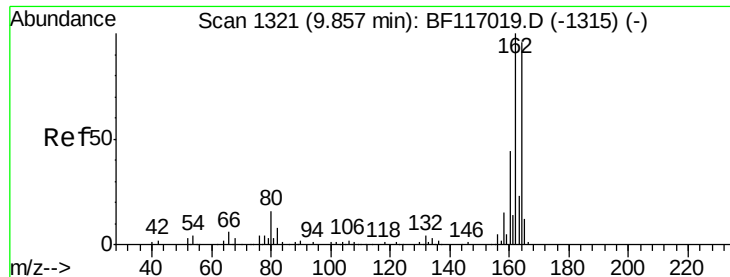
Abundance

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

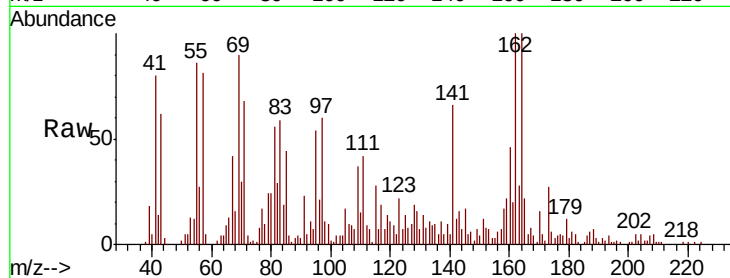




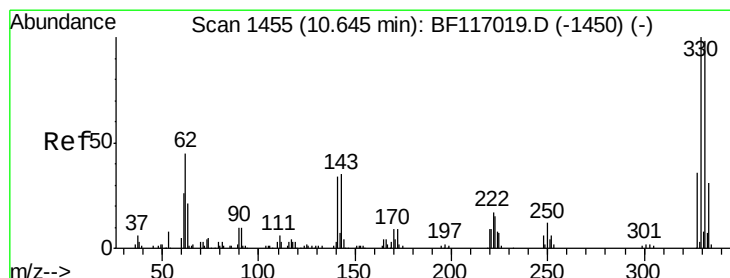
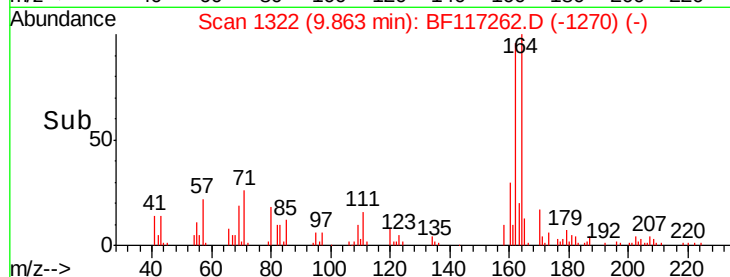
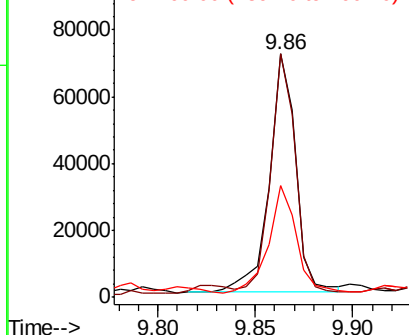
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 66094
Ion Ratio Lower Upper
164 100
162 100.2 83.4 125.2
160 45.7 36.4 54.6

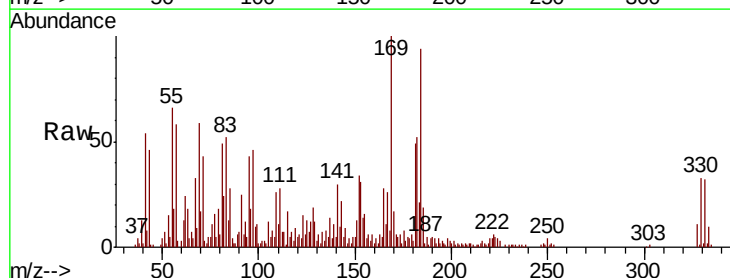


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

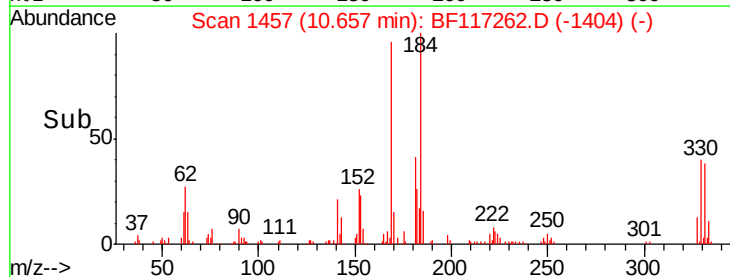
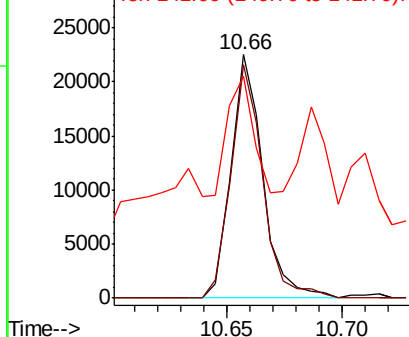


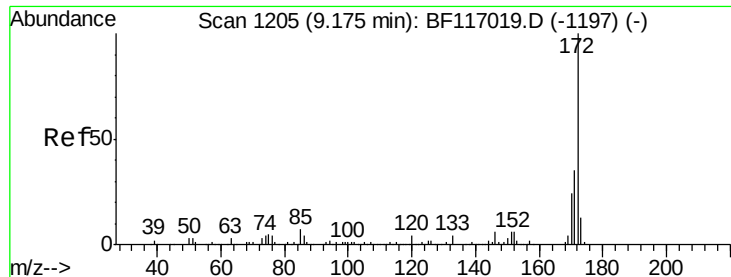
#42
2,4,6-Tribromophenol
Concen: 39.030 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Tgt Ion:330 Resp: 21560
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 113.5 35.8 53.6#



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

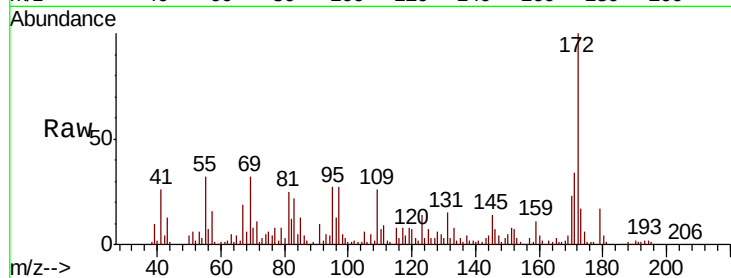




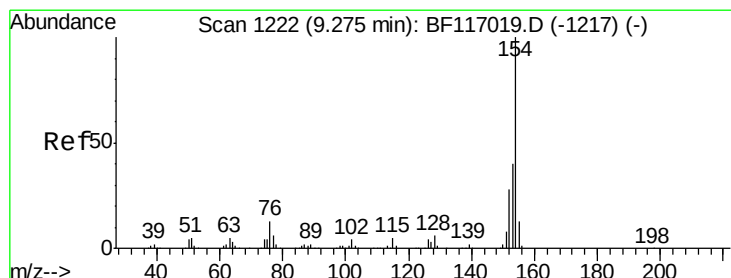
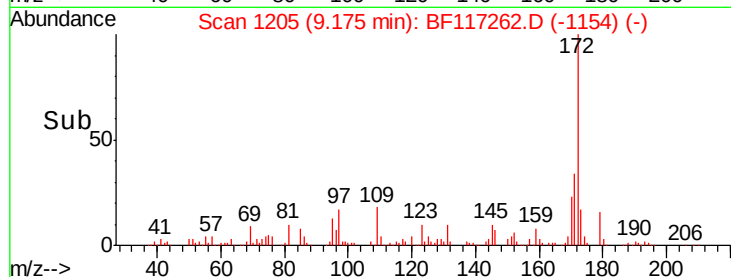
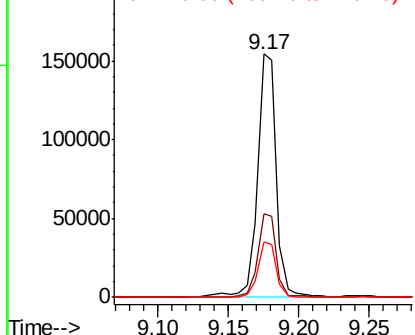
#45
2-Fluorobiphenyl
Concen: 34.620 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 146342
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 22.7 18.9 28.3

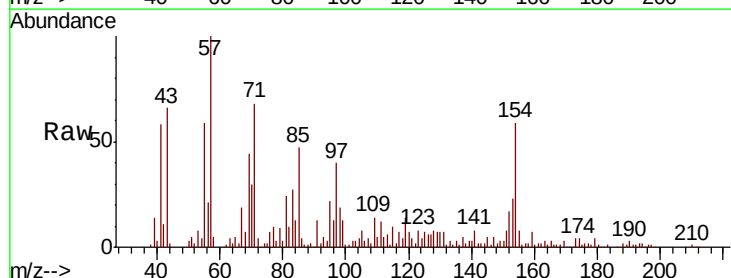


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

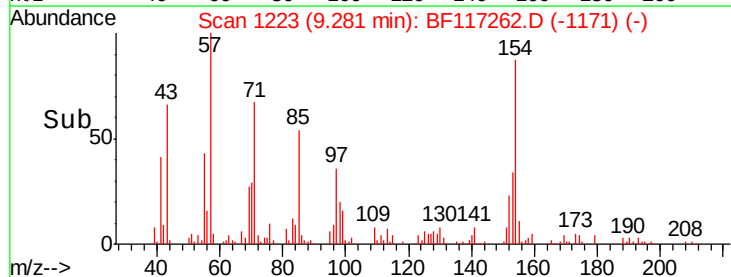
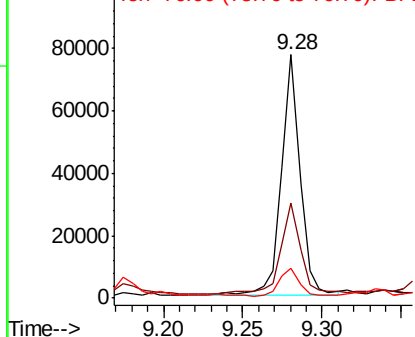


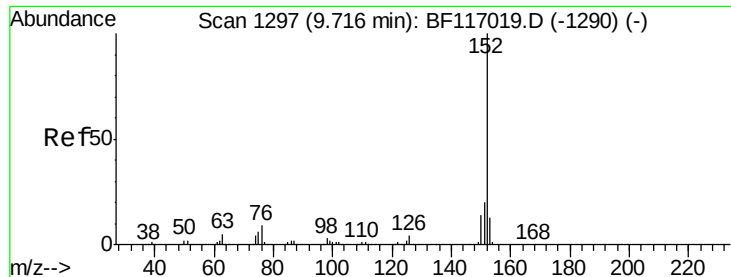
#46
1,1'-Biphenyl
Concen: 12.212 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Tgt Ion:154 Resp: 63311
Ion Ratio Lower Upper
154 100
153 39.1 20.0 60.0
76 12.1 0.0 32.7



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





#49

Acenaphthylene

Concen: 3.919 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

ClientSampleId :

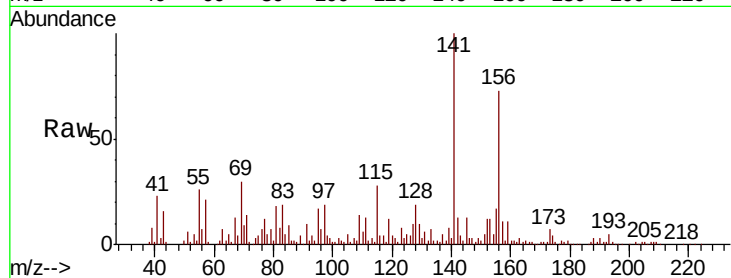
Tot Ion:152 Resp: 24023

Ion Ratio Lower Upper

152 100

151 44.1 16.2 24.2#

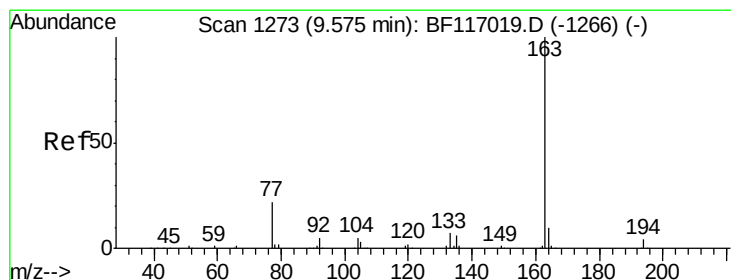
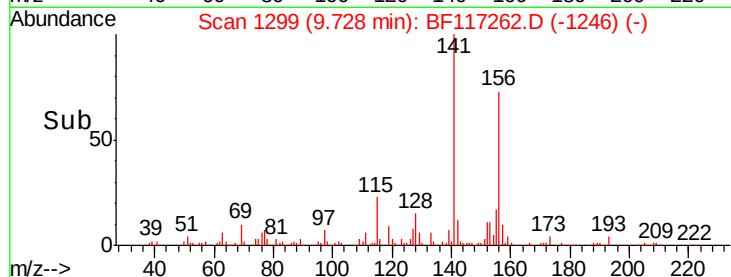
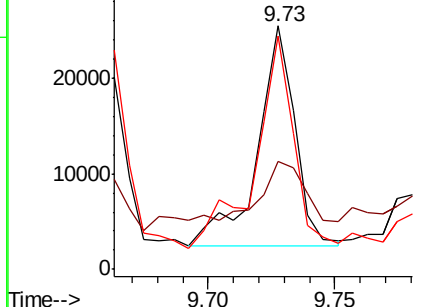
153 95.7 10.2 15.4#



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: 5.228 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

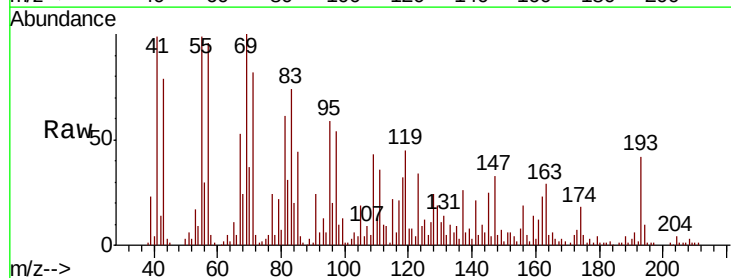
Tgt Ion:163 Resp: 24466

Ion Ratio Lower Upper

163 100

194 34.5 2.9 4.3#

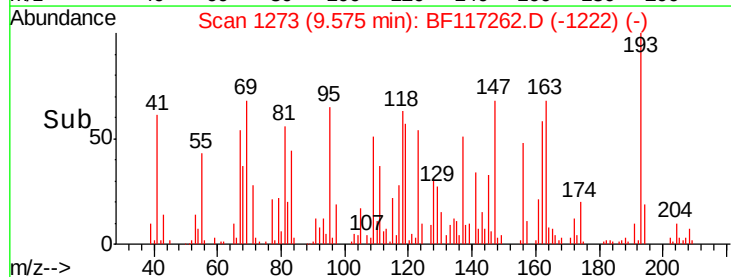
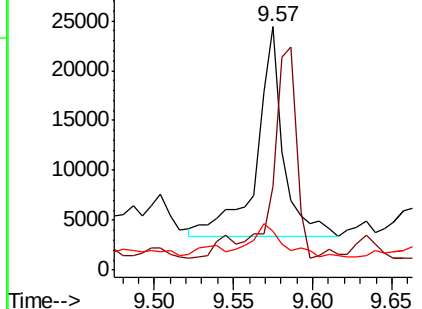
164 16.0 8.2 12.4#

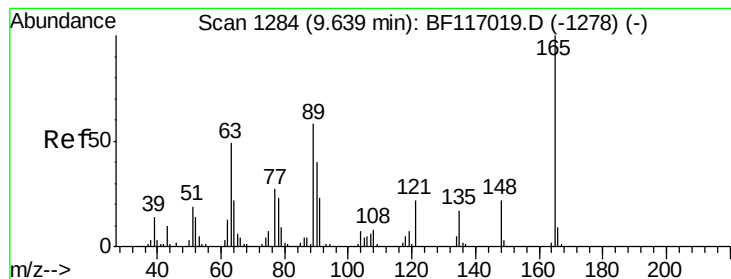


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 4.115 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

ClientSampleId :

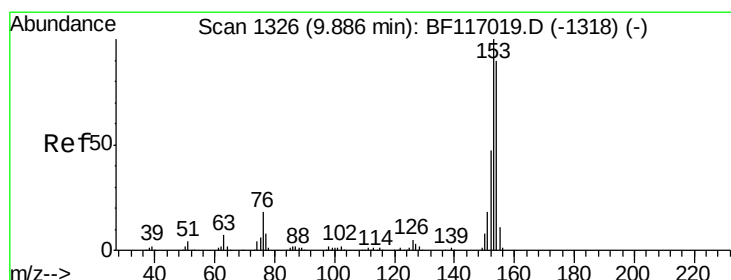
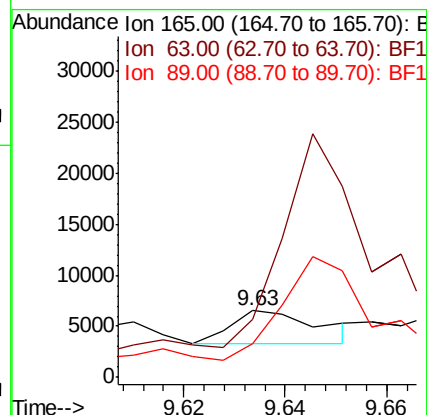
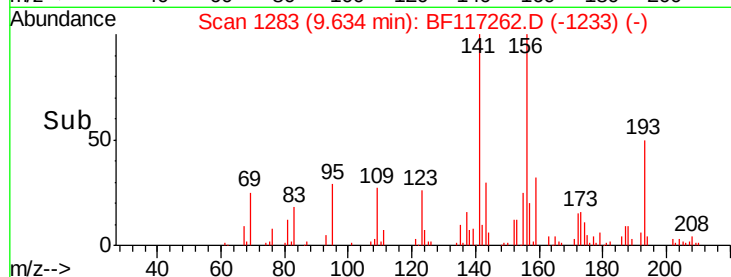
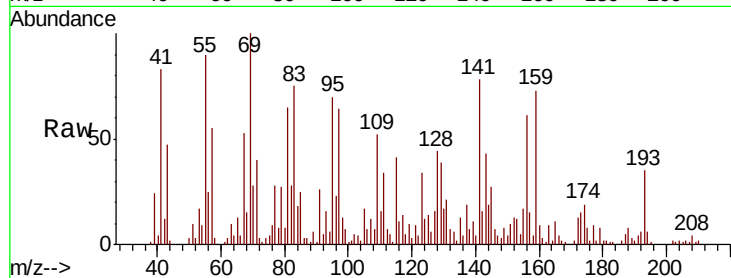
Tot Ion:165 Resp: 3922

Ion Ratio Lower Upper

165 100

63 86.7 41.8 62.8#

89 50.6 46.5 69.7



#52

Acenaphthene

Concen: 11.380 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

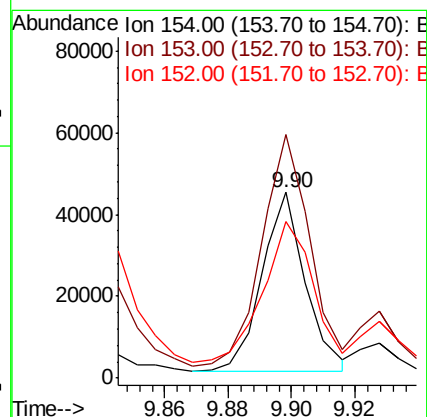
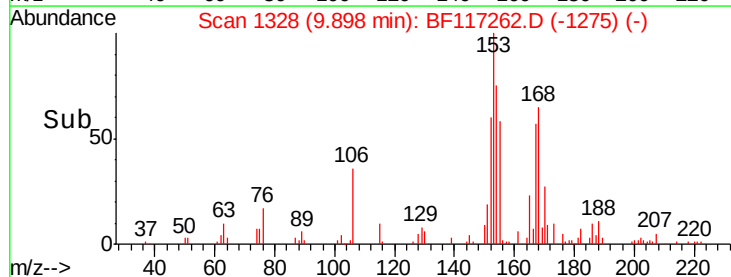
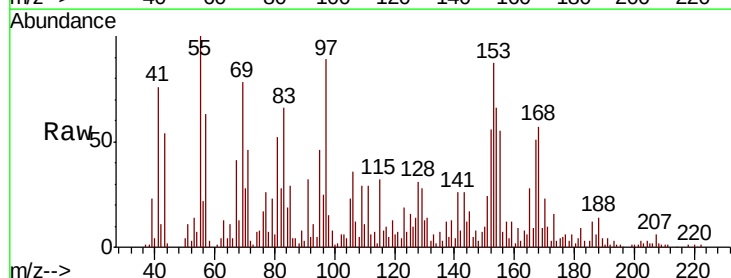
Tgt Ion:154 Resp: 41350

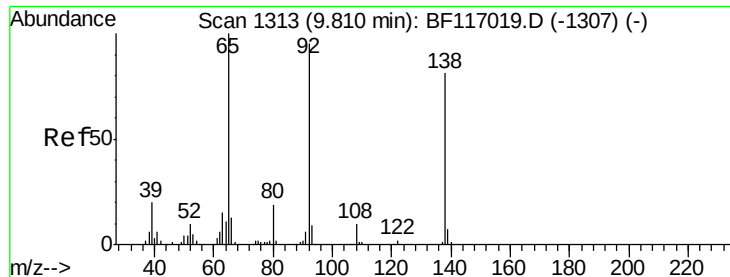
Ion Ratio Lower Upper

154 100

153 131.3 89.0 133.6

152 84.7 41.9 62.9#

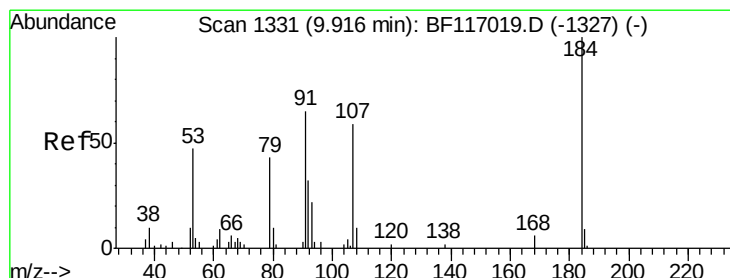
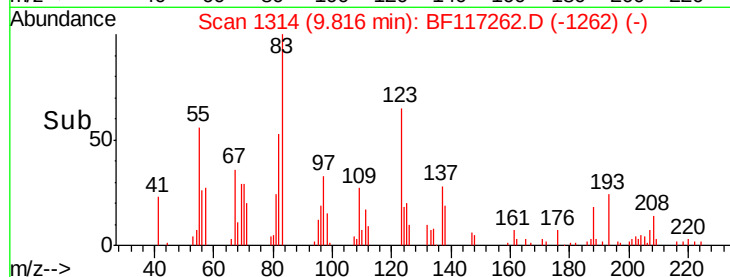
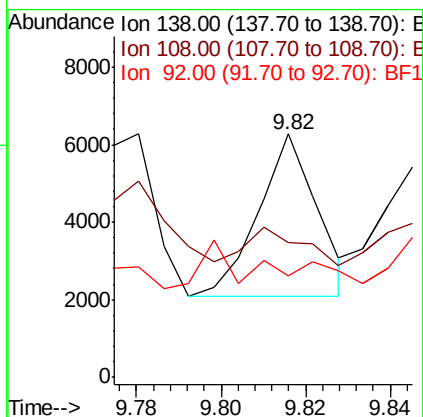
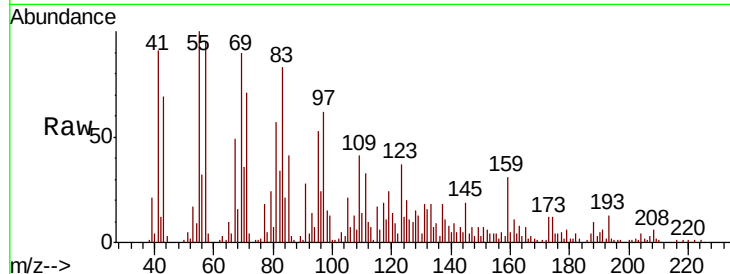




#53
3-Nitroaniline
Concen: 3.347 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

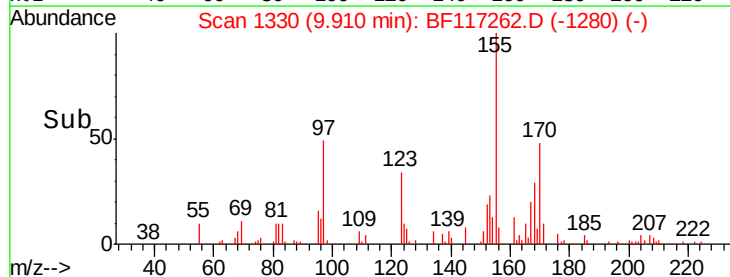
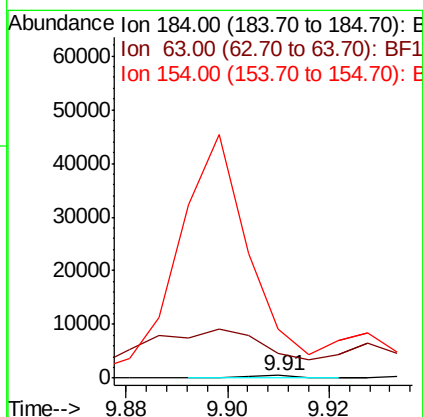
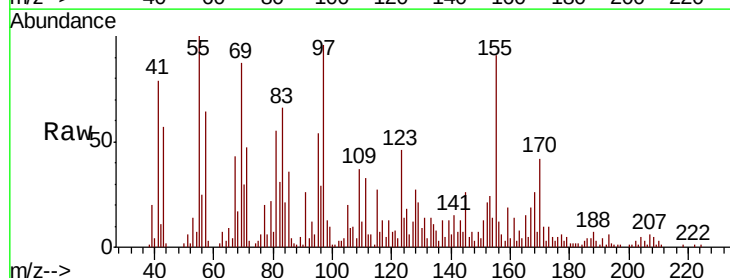
Instrument :
BNA_F
ClientSampled :

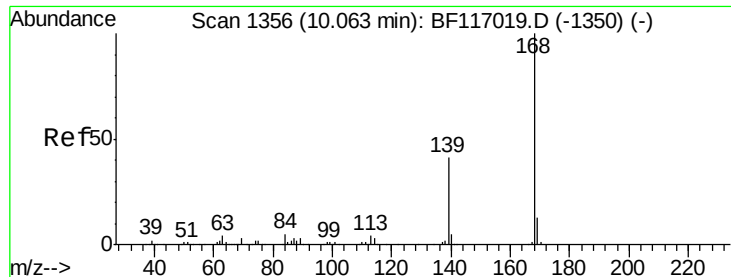
Tot Ion:138 Resp: 4025
Ion Ratio Lower Upper
138 100
108 55.1 9.5 14.3#
92 41.4 94.1 141.1#



#54
2,4-Dinitrophenol
Concen: 9.825 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Tgt Ion:184 Resp: 306
Ion Ratio Lower Upper
184 100
63 880.9 63.8 95.6#
154 1748.6 60.4 90.6#





#55

Dibenzofuran

Concen: 10.456 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

ClientSampled :

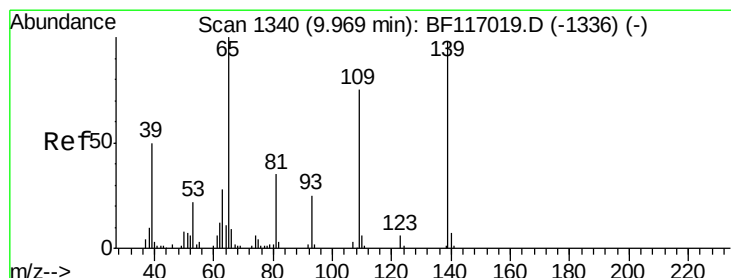
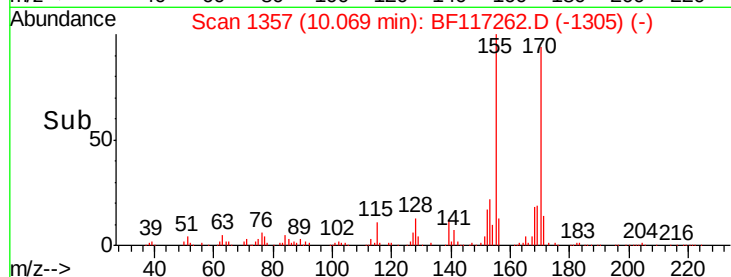
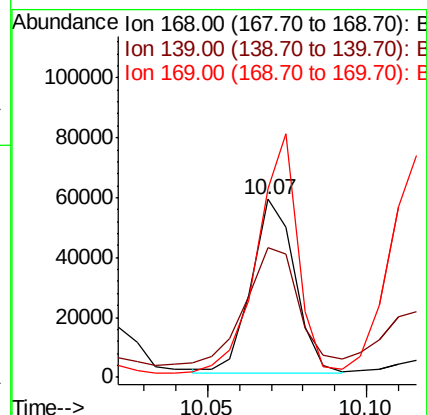
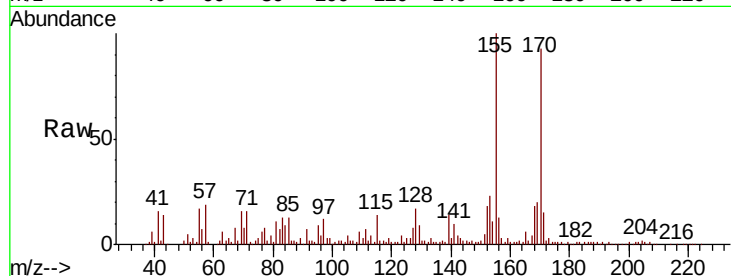
Tot Ion:168 Resp: 56053

Ion Ratio Lower Upper

168 100

139 73.2 32.8 49.2#

169 105.9 10.5 15.7#



#56

4-Nitrophenol

Concen: 46.064 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

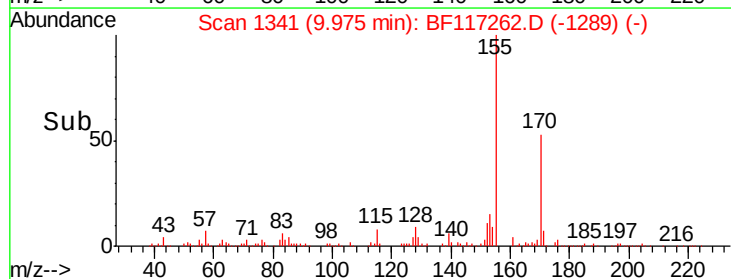
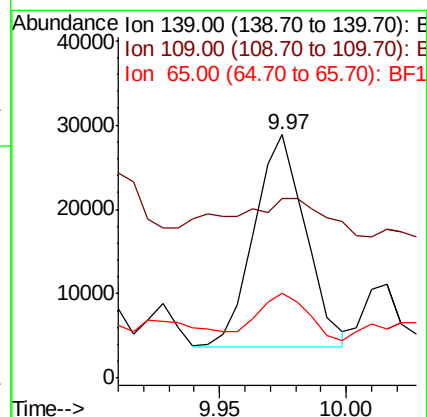
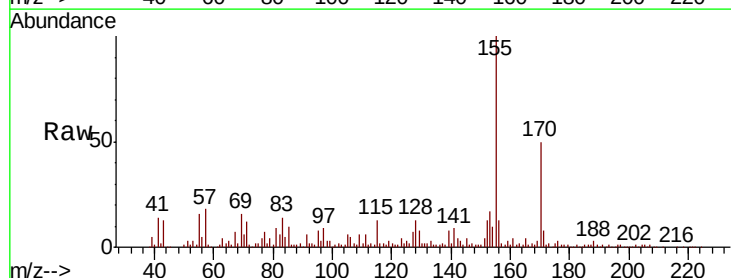
Tgt Ion:139 Resp: 35902

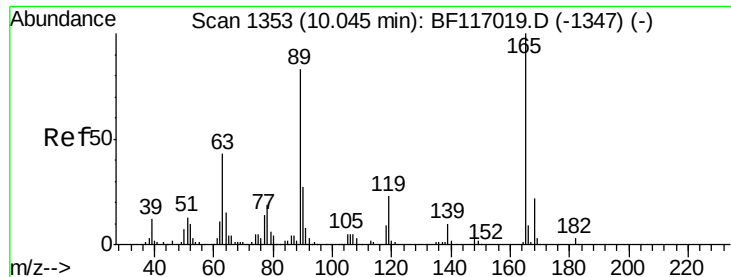
Ion Ratio Lower Upper

139 100

109 74.0 56.4 96.4

65 35.0 82.5 122.5#





#57

2,4-Dinitrotoluene

Concen: 14.011 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.03 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 17335

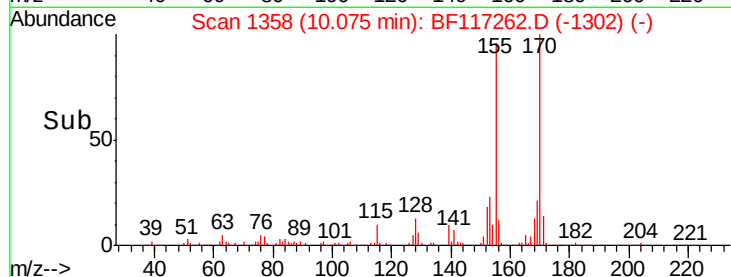
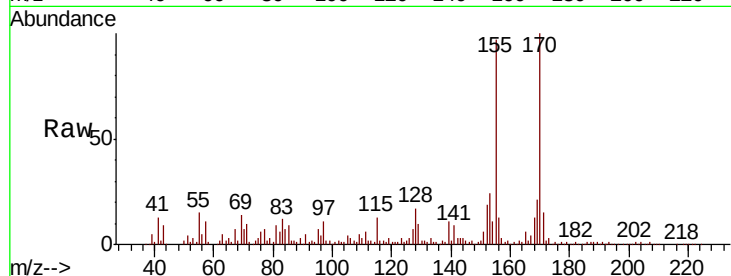
Ion Ratio Lower Upper

165 100

63 85.4 35.0 52.4#

89 45.8 66.1 99.1#

182 14.2 2.0 3.0#

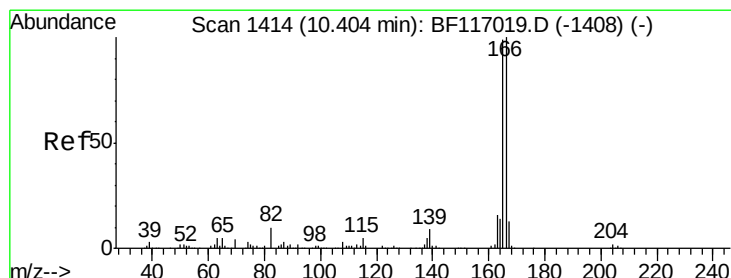
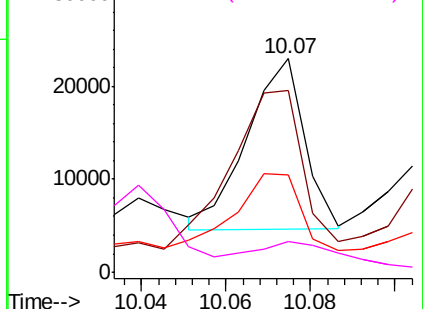


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 21.431 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

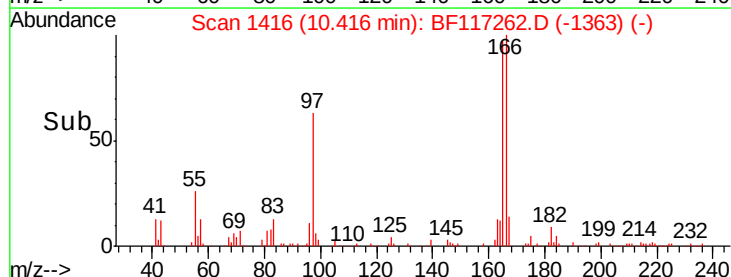
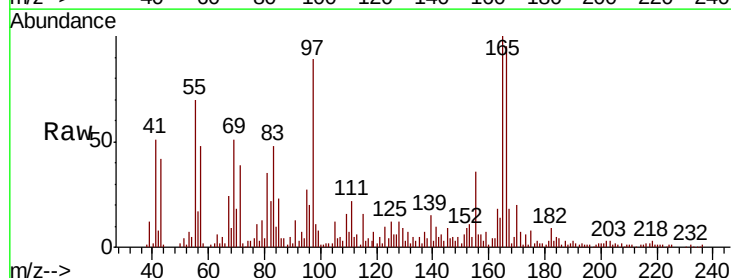
Tgt Ion:166 Resp: 92549

Ion Ratio Lower Upper

166 100

165 105.8 78.9 118.3

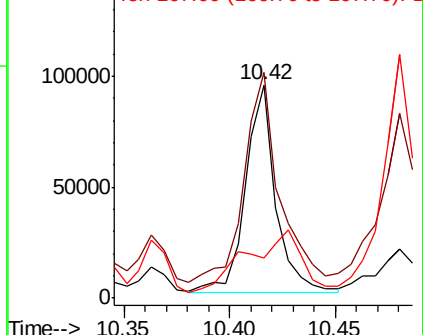
167 18.8 10.6 15.8#

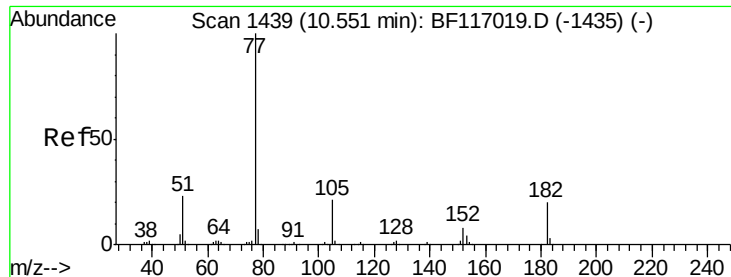


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

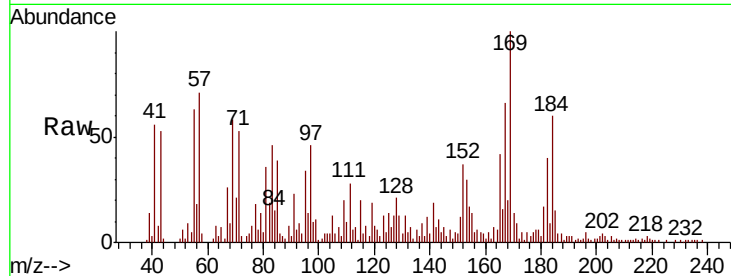




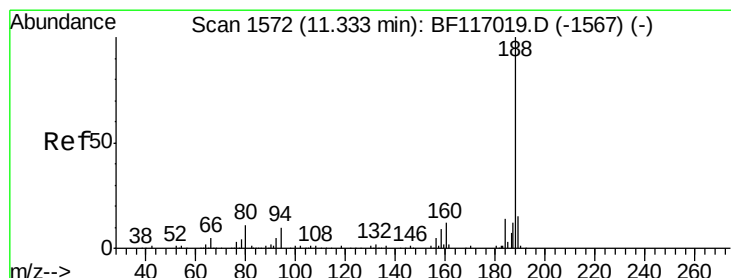
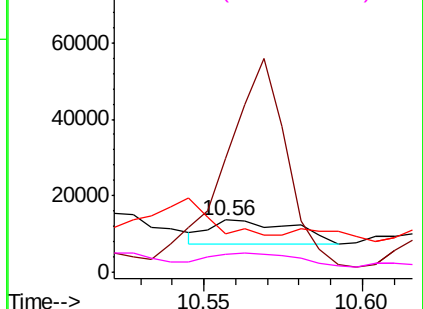
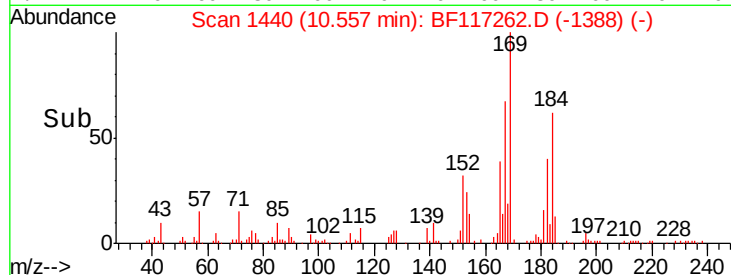
#63
Azobenzene
Concen: 2.389 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 11234
Ion Ratio Lower Upper
77 100
182 219.3 0.4 40.4#
105 73.2 0.9 40.9#
51 33.8 2.8 42.8

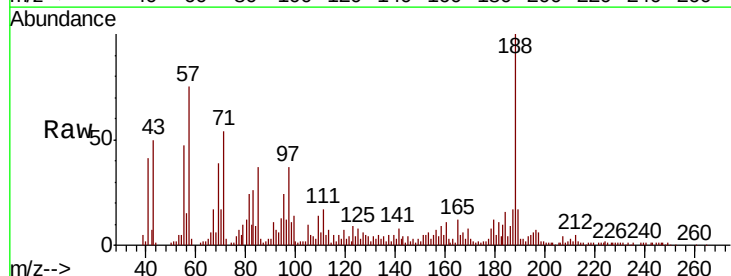


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

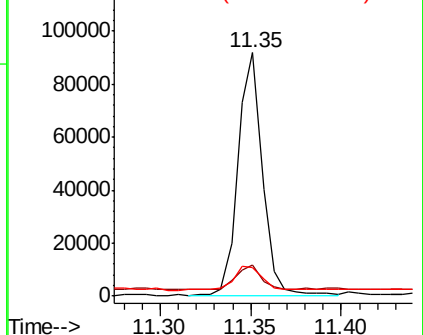
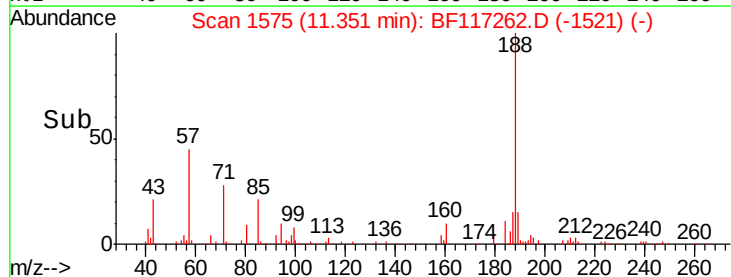


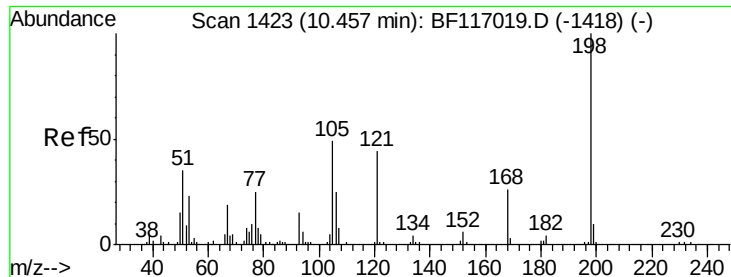
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.02 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Tgt Ion: 188 Resp: 84862
Ion Ratio Lower Upper
188 100
94 13.0 8.2 12.2#
80 12.0 9.0 13.6



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

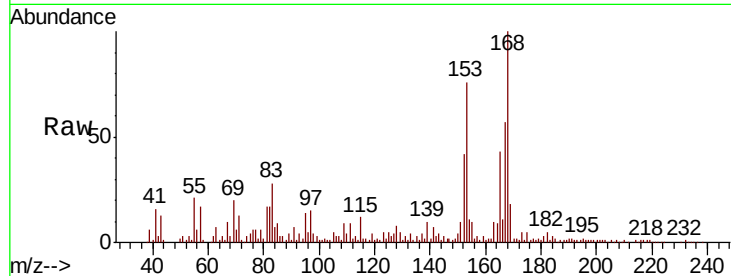




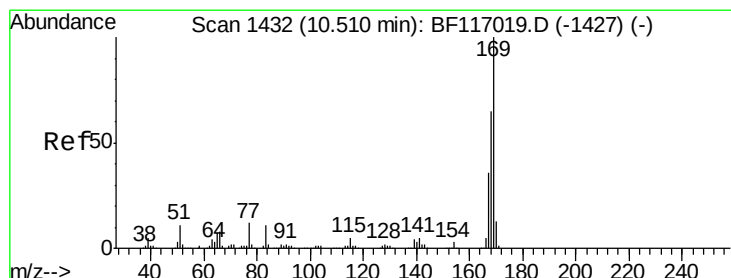
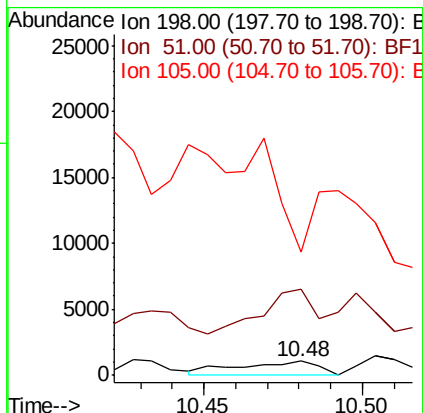
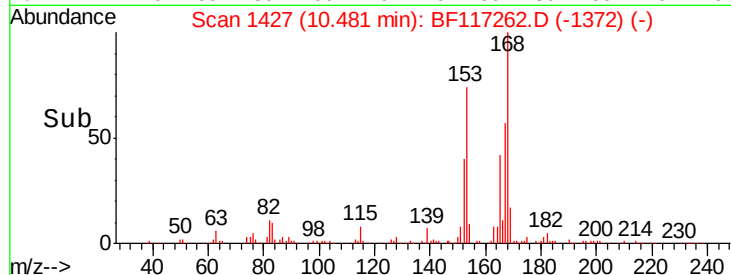
#65
 4,6-Dinitro-2-methylphenol
 Concen: 11.081 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.02 min
 Lab File: BF117262.D
 Acq: 26 Sep 2019 2:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 1887
 Ion Ratio Lower Upper
 198 100
 51 594.9 18.7 58.7#
 105 854.1 30.2 70.2#

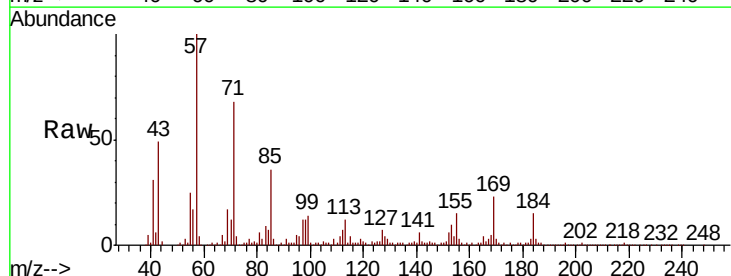


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

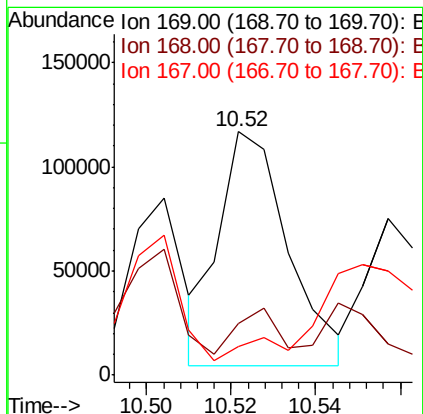
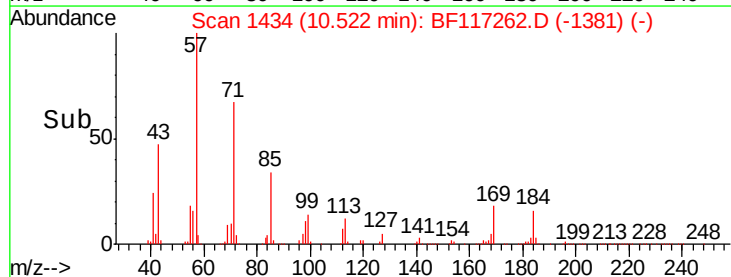


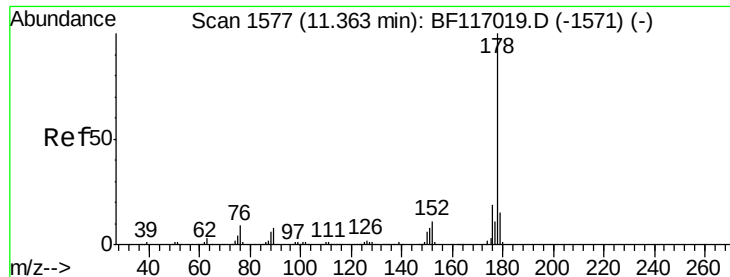
#66
 n-Nitrosodiphenylamine
 Concen: 43.777 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF117262.D
 Acq: 26 Sep 2019 2:37

Tgt Ion:169 Resp: 128301
 Ion Ratio Lower Upper
 169 100
 168 21.2 52.2 78.2#
 167 11.6 28.8 43.2#



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





#71

Phenanthrene

Concen: 53.159 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

Instrument :

BNA_F

ClientSampleId :

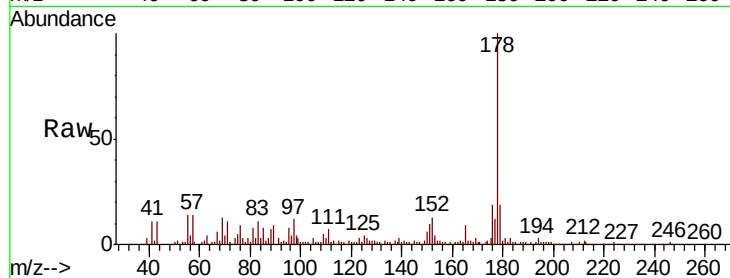
Tot Ion:178 Resp: 256234

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

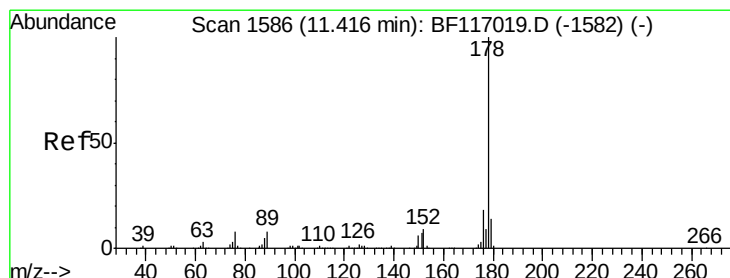
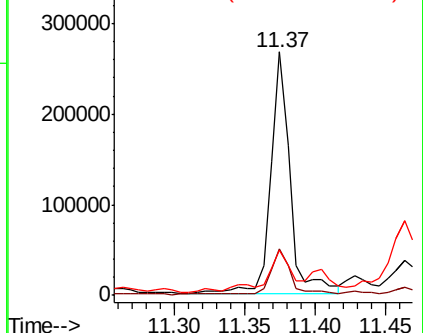
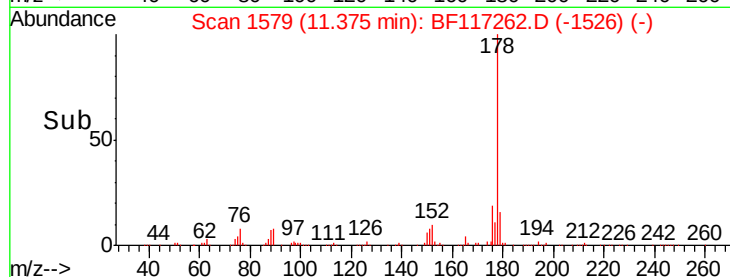
179 18.7 12.4 18.6#



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



#72

Anthracene

Concen: 4.023 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF117262.D

Acq: 26 Sep 2019 2:37

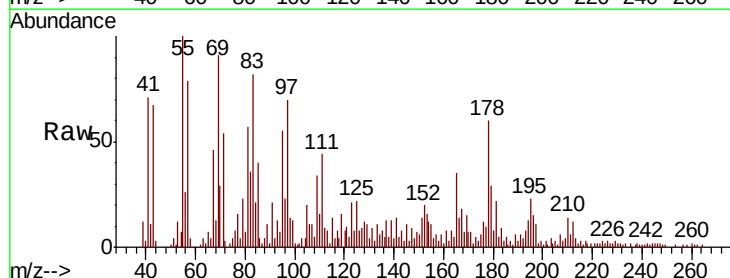
Tgt Ion:178 Resp: 19799

Ion Ratio Lower Upper

178 100

176 20.8 14.6 21.8

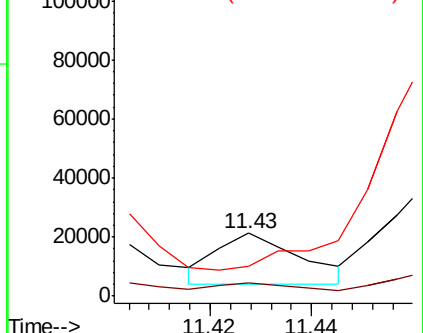
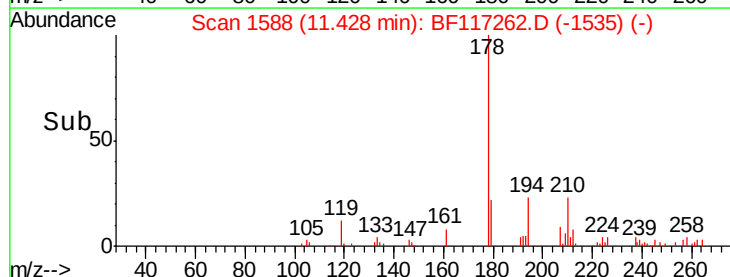
179 48.3 11.6 17.4#

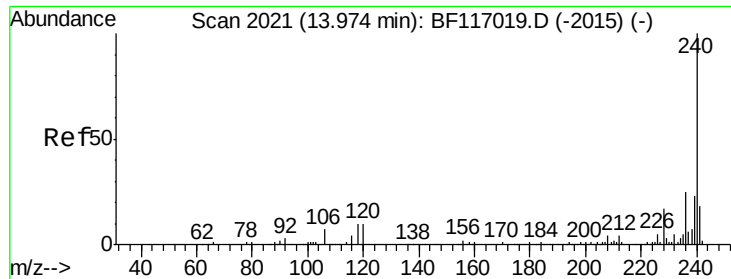


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

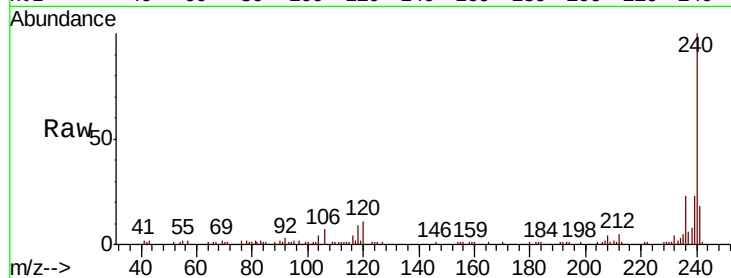




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	23.5	20.3	30.5

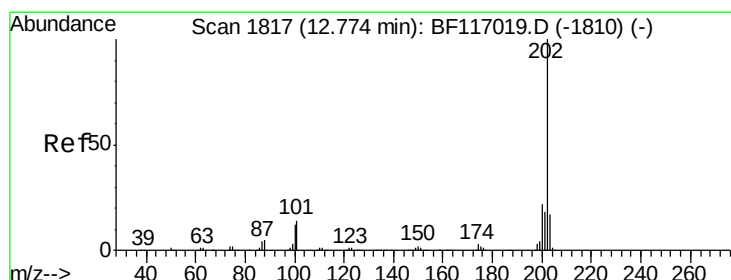
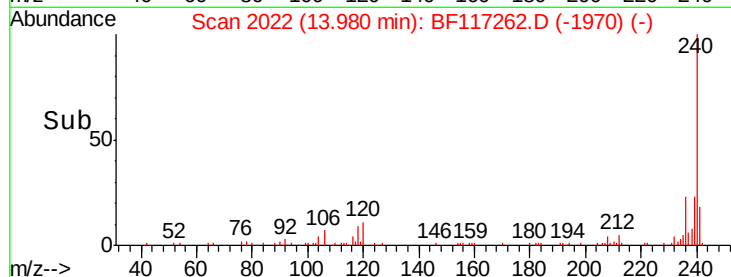
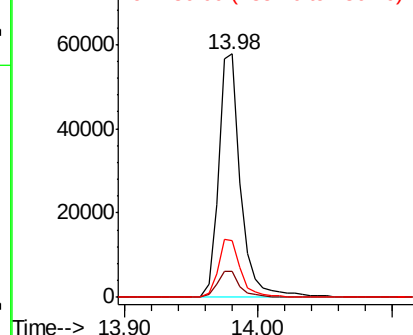


Abundance

Ion 240.00 (239.70 to 240.70): E

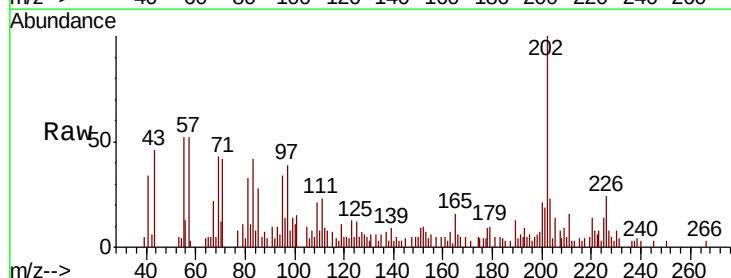
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 3.025 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117262.D
Acq: 26 Sep 2019 2:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.2	25.8
203	22.8	14.0	21.0

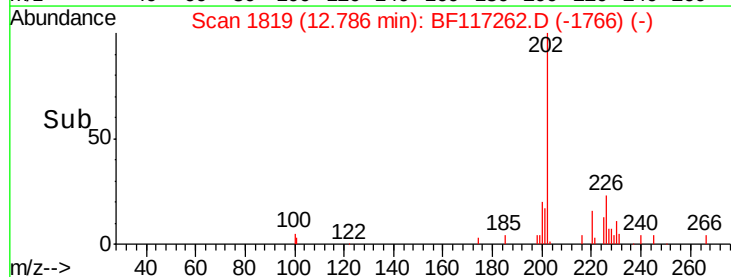
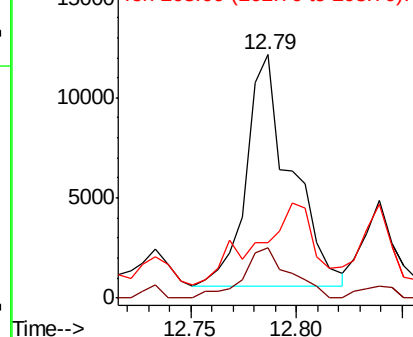


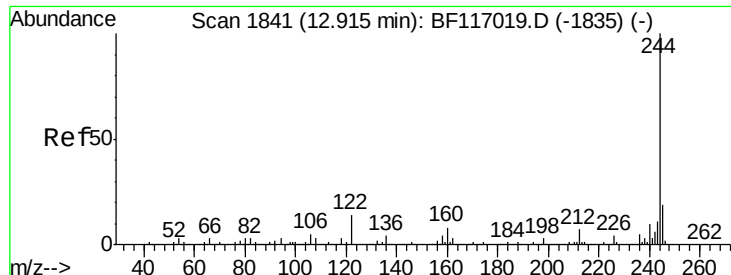
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

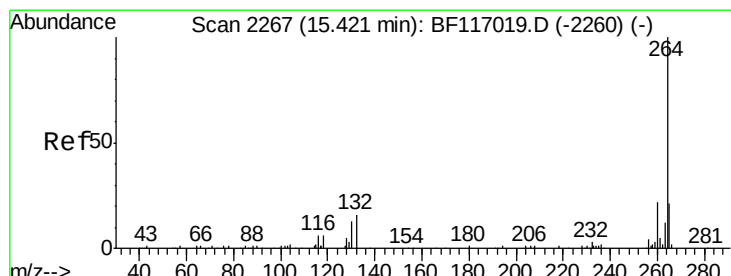
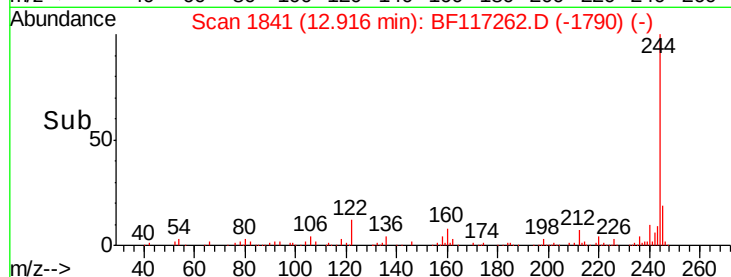
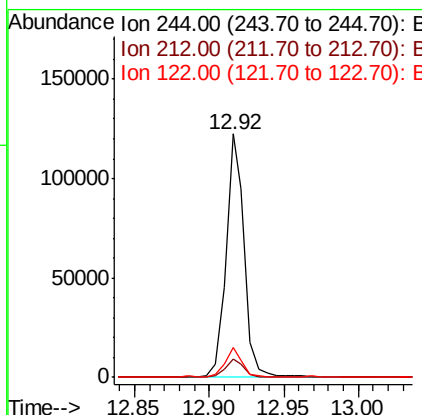
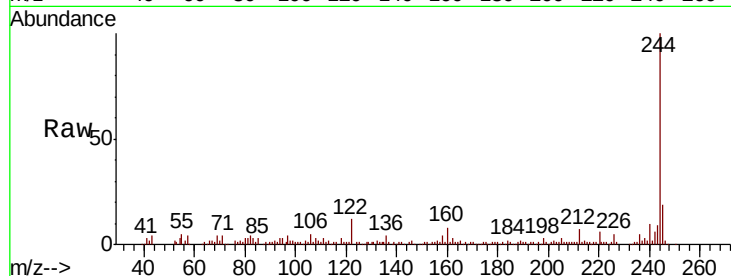




#79
 Terphenyl-d14
 Concen: 29.322 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117262.D
 Acq: 26 Sep 2019 2:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	12.5	11.3	16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117262.D
 Acq: 26 Sep 2019 2:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.6	26.4
265	20.4	16.6	24.8

