

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117577.D
 Acq On : 28 Oct 2019 22:18
 Operator : JU
 Sample : K5140-05 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 14:08:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	19949	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	80795	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	37209	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	46402	20.00	ng	0.00
76) Chrysene-d12	13.89	240	37568	20.00	ng	0.00
87) Perylene-d12	15.33	264	29247	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	128346	95.71	ng	0.00
7) Phenol-d6	6.38	99	176177	97.82	ng	0.00
23) Nitrobenzene-d5	7.29	82	99224	60.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	22671	70.42	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	144615	54.76	ng	-0.01
79) Terphenyl-d14	12.83	244	111735	48.51	ng	0.00

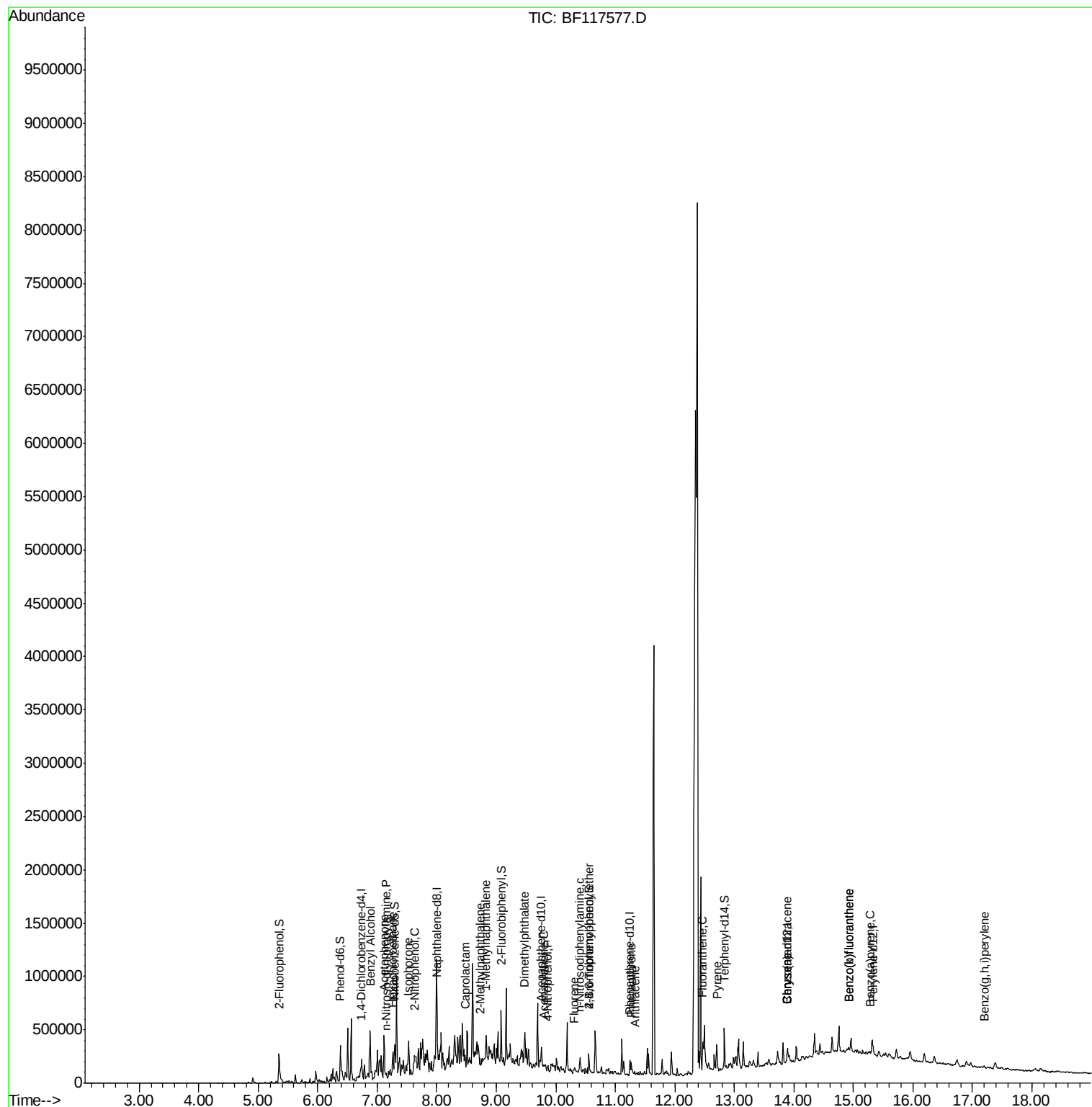
Target Compounds				Qvalue		
9) Benzaldehyde	6.28	77	1615	Below Cal	#	1
15) Benzyl Alcohol	6.88	79	3337	2.593	ng	47
18) Hexachloroethane	7.26	117	10002	15.998	ng	1
19) n-Nitroso-di-n-propylamine	7.16	70	2851	2.592	ng	76
22) Acetophenone	7.12	105	31196	14.541	ng	51
25) Isophorone	7.53	82	12798	4.520	ng	1
26) 2-Nitrophenol	7.63	139	1727	2.470	ng	1
35) Caprolactam	8.47	113	1927	5.474	ng	1
37) 2-Methylnaphthalene	8.73	142	11225	4.160	ng	96
38) 1-Methylnaphthalene	8.82	142	8420	3.321	ng	84
50) Dimethylphthalate	9.48	163	22150	8.350	ng	98
52) Acenaphthene	9.79	154	4213	2.013	ng	98
56) 4-Nitrophenol	9.87	139	2319	11.244	ng	1
58) Fluorene	10.31	166	8414	3.355	ng	95
66) n-Nitrosodiphenylamine	10.42	169	4541	2.677	ng	56
67) 4-Bromophenyl-phenylether	10.56	248	1409	2.819	ng	1
71) Phenanthrene	11.27	178	49621	18.416	ng	99
72) Anthracene	11.33	178	10870	3.932	ng	93
75) Fluoranthene	12.47	202	61019	22.622	ng	97
77) Benzidine	12.63	184	152	Below Cal	#	1
78) Pyrene	12.70	202	50627	15.689	ng	96
81) Benzo(a)anthracene	13.89	228	22867	9.024	ng	95
83) Chrysene	13.89	228	22867	9.207	ng	96
88) Benzo(b)fluoranthene	14.93	252	22765	13.181	ng	60
89) Benzo(k)fluoranthene	14.93	252	22765	12.861	ng	59
90) Benzo(a)pyrene	15.27	252	12308	7.838	ng	67
92) Benzo(g,h,i)perylene	17.19	276	7409	5.767	ng	74

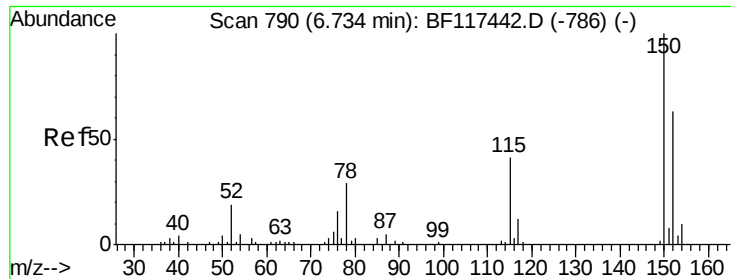
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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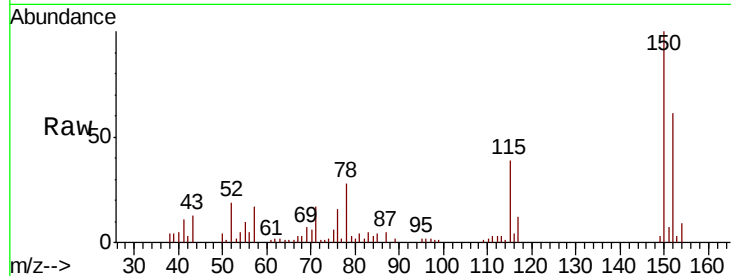


#1

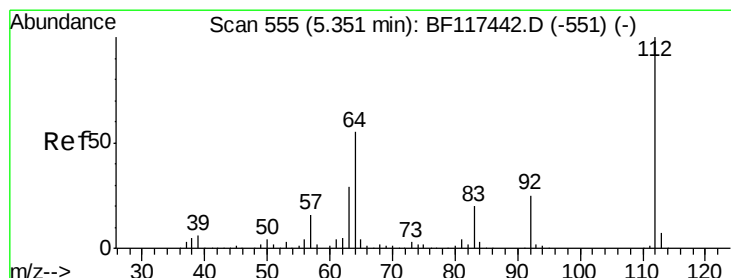
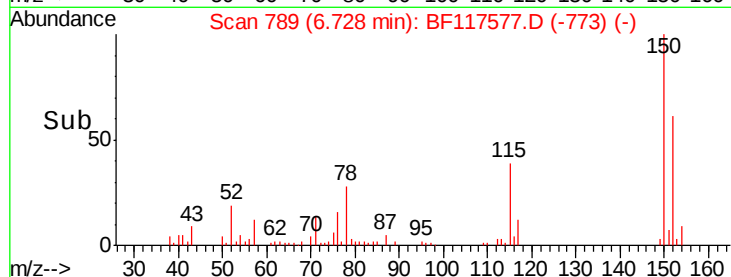
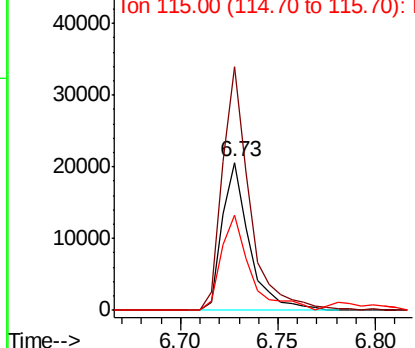
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 19949
Ion Ratio Lower Upper
152 100
150 164.3 126.8 190.2
115 64.0 51.6 77.4



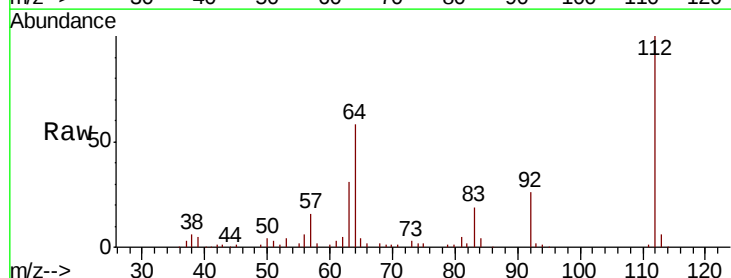
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



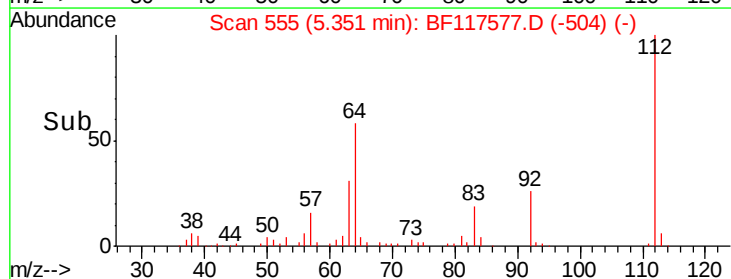
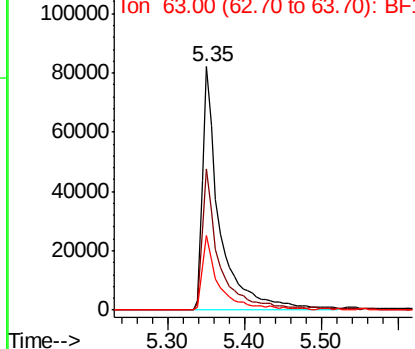
#5

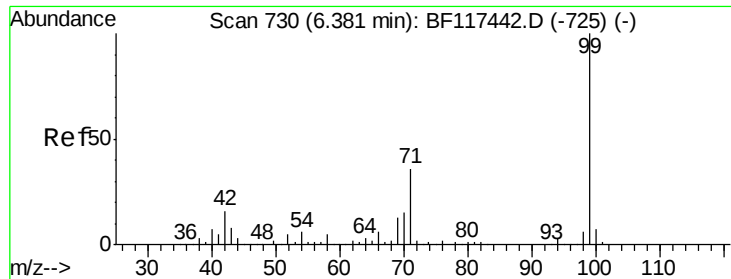
2-Fluorophenol
Concen: 95.715 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Tgt Ion:112 Resp: 128346
Ion Ratio Lower Upper
112 100
64 57.9 44.1 66.1
63 30.9 23.4 35.2



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: 97.821 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117577.D

Acq: 28 Oct 2019 22:18

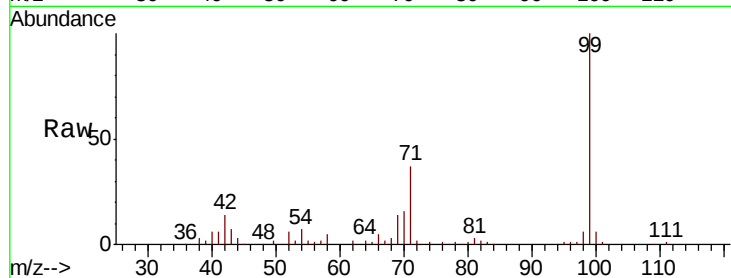
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 176177

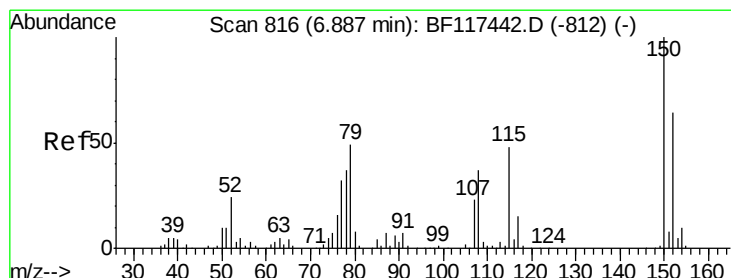
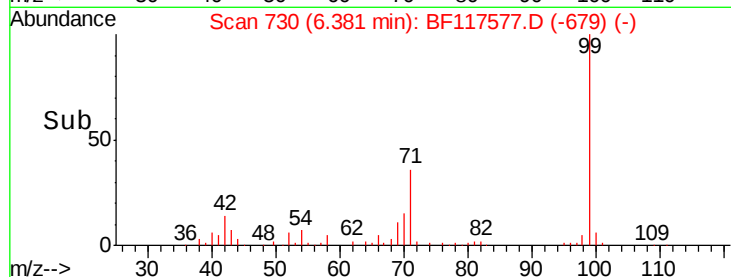
Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.8	19.2
71	36.5	28.6	43.0



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: 2.593 ng

RT: 6.88 min Scan# 815

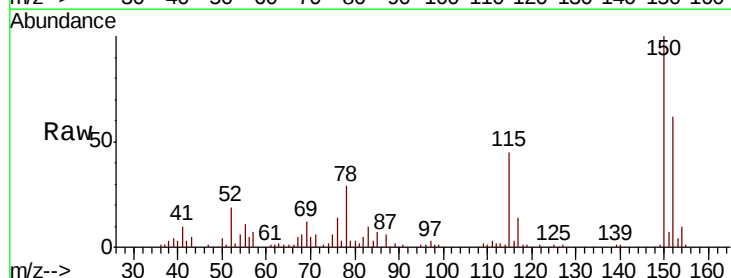
Delta R.T. -0.01 min

Lab File: BF117577.D

Acq: 28 Oct 2019 22:18

Tgt Ion: 79 Resp: 3337

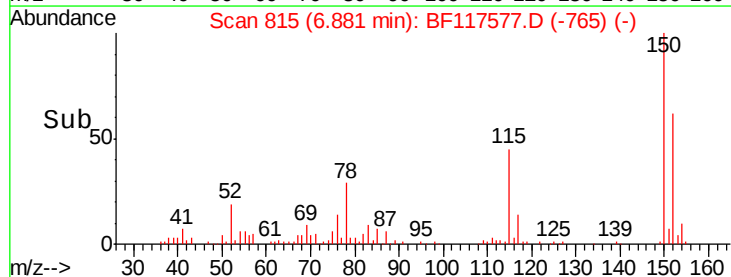
Ion	Ratio	Lower	Upper
79	100		
108	14.0	59.8	89.8#
77	88.0	51.4	77.0#

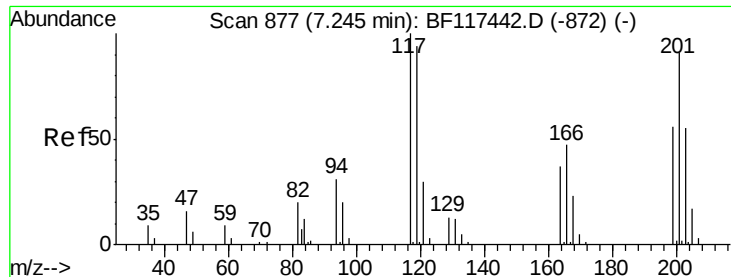


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

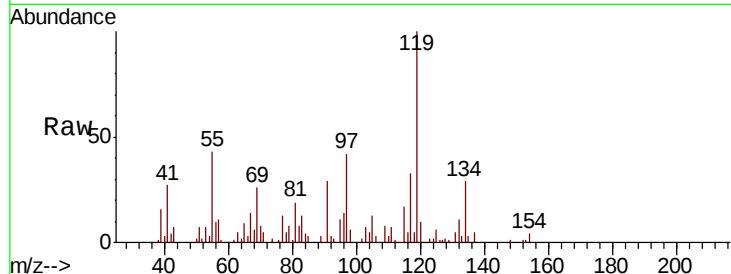




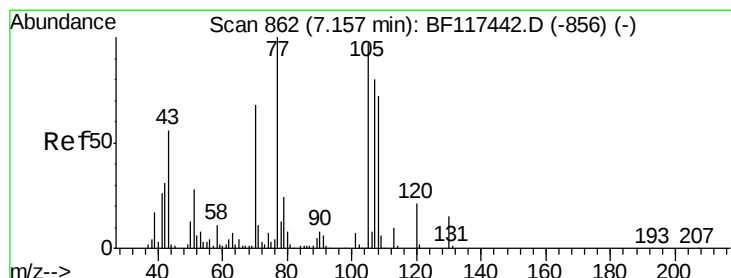
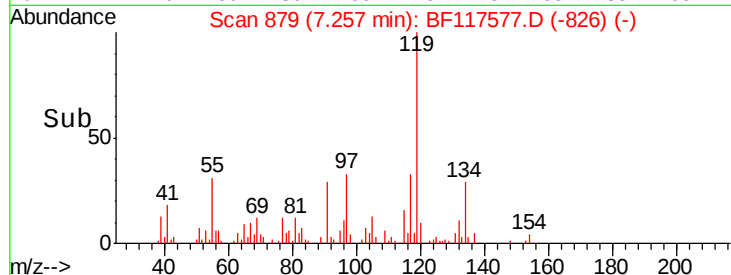
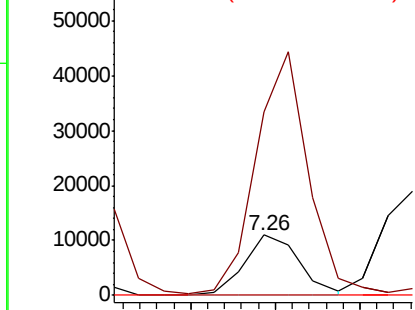
#18
Hexachloroethane
Concen: 15.998 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:117 Resp: 10002
Ion Ratio Lower Upper
117 100
119 304.4 75.4 113.0#
201 0.0 72.5 108.7#

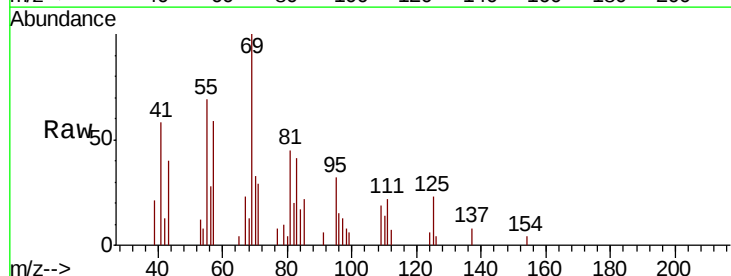


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

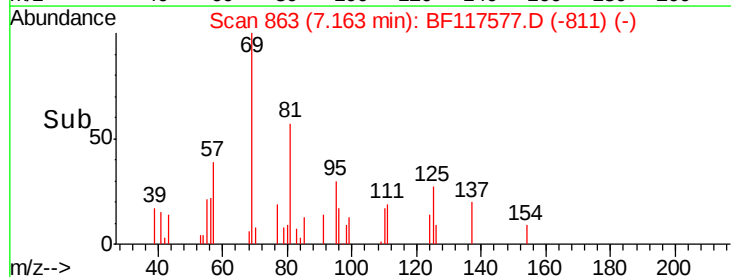
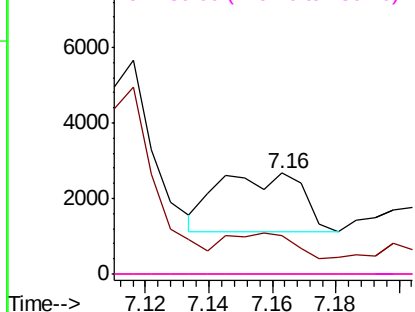


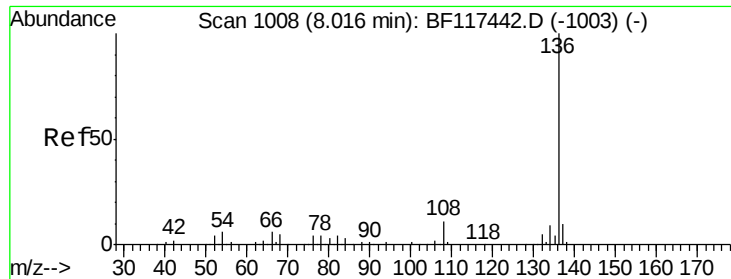
#19
n-Nitroso-di-n-propylamine
Concen: 2.592 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Tgt Ion: 70 Resp: 2851
Ion Ratio Lower Upper
70 100
42 38.5 36.7 55.1
101 0.0 8.3 12.5#
130 0.0 18.1 27.1#



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117577.D

Acq: 28 Oct 2019 22:18

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 80795

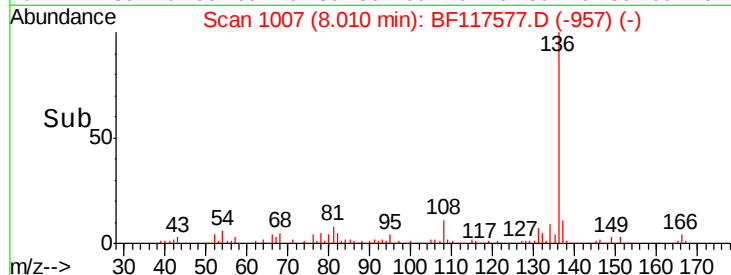
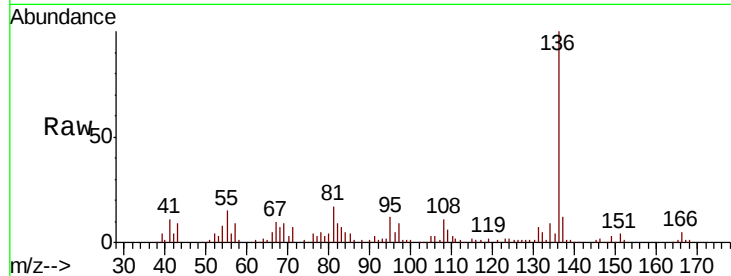
Ion Ratio Lower Upper

136 100

137 12.1 8.2 12.4

54 7.5 4.5 6.7#

68 7.3 4.3 6.5#

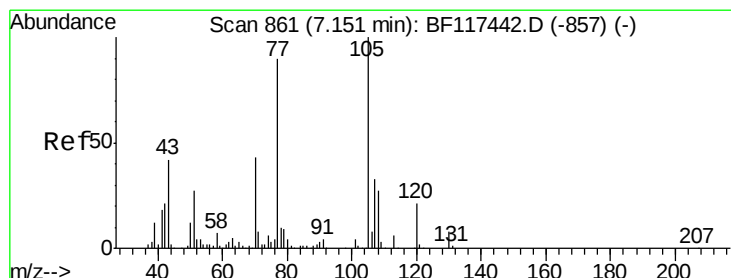
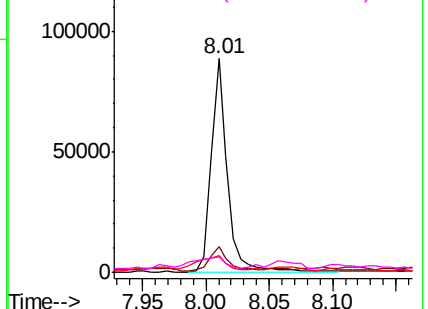


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.541 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.03 min

Lab File: BF117577.D

Acq: 28 Oct 2019 22:18

Tgt Ion:105 Resp: 31196

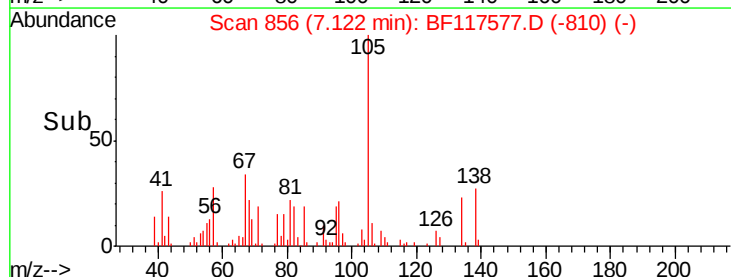
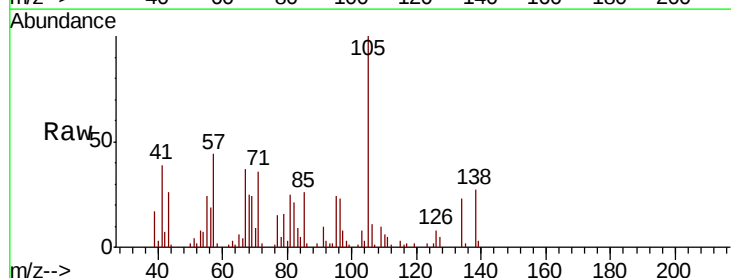
Ion Ratio Lower Upper

105 100

71 36.0 6.2 9.2#

51 4.3 21.8 32.6#

120 0.0 16.7 25.1#

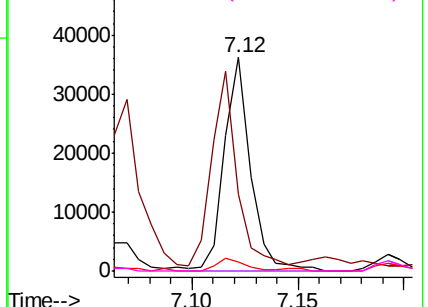


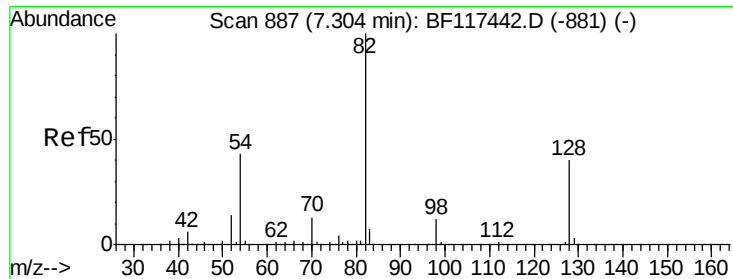
Abundance Ion 105.00 (104.70 to 105.70): E

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

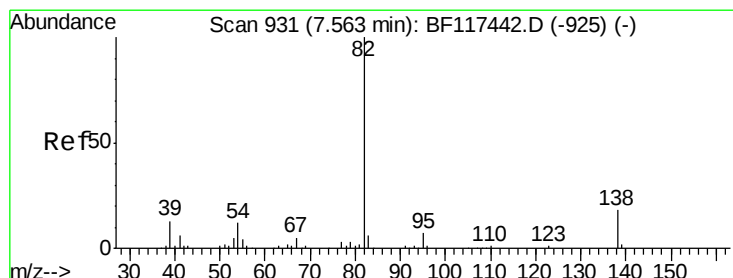
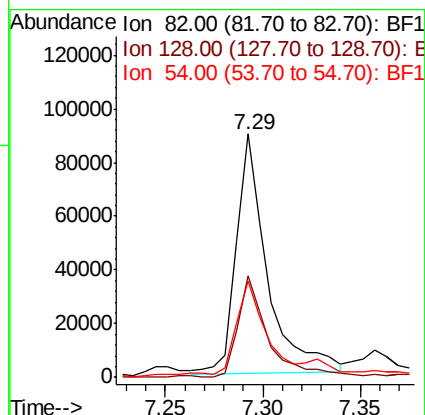
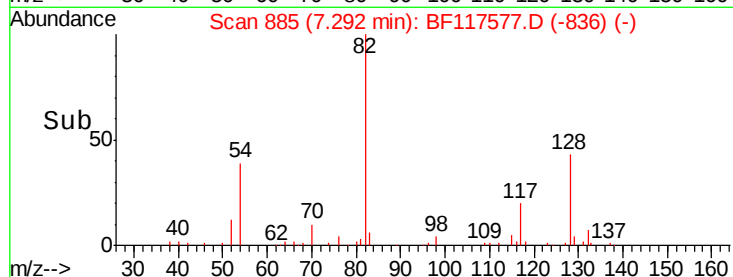
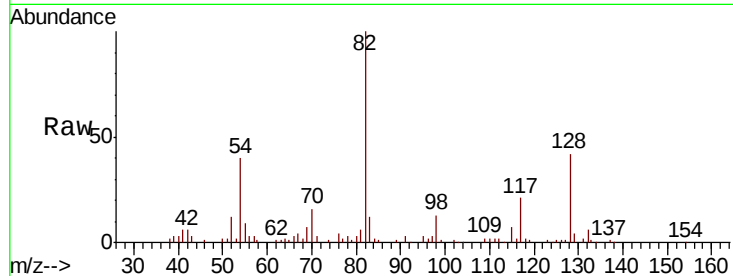




#23
Nitrobenzene-d5
Concen: 60.628 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

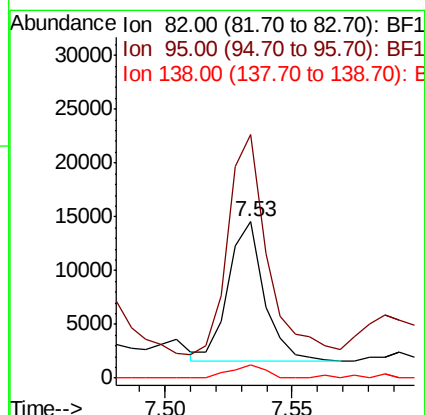
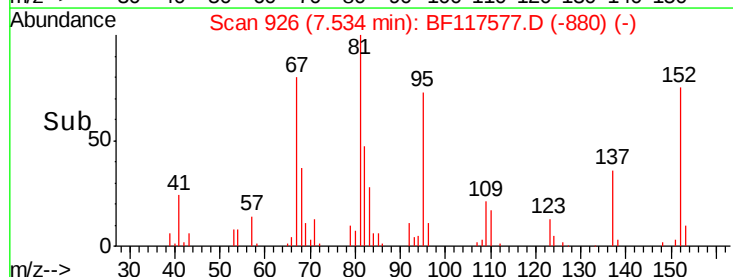
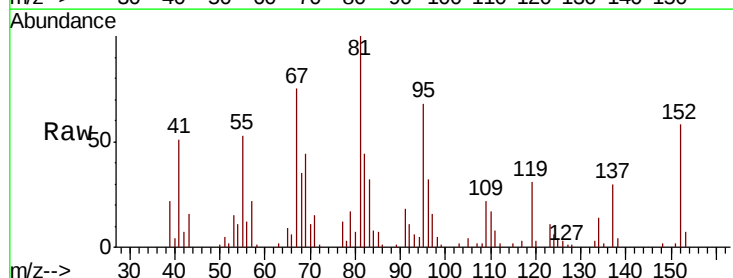
Instrument :
BNA_E
ClientSampled :

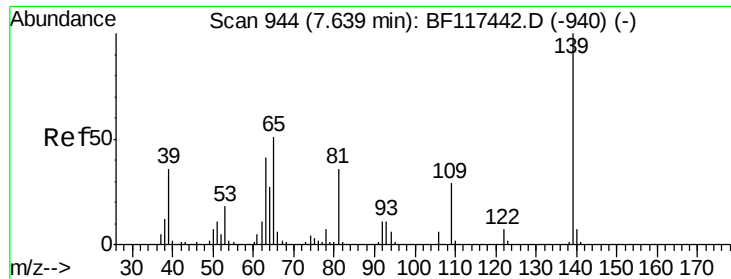
Tot Ion: 82 Resp: 99224
Ion Ratio Lower Upper
82 100
128 41.6 32.2 48.2
54 39.7 34.2 51.2



#25
Isophorone
Concen: 4.520 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.03 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Tgt Ion: 82 Resp: 12798
Ion Ratio Lower Upper
82 100
95 156.0 5.4 8.0#
138 8.5 14.2 21.2#

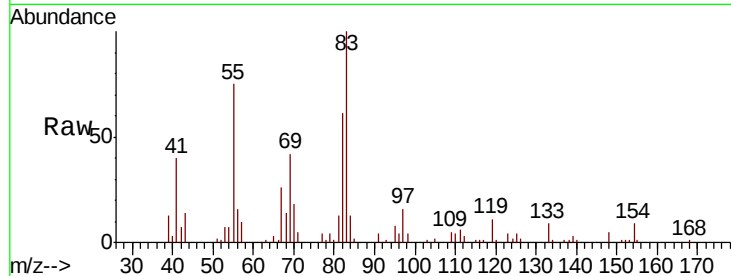




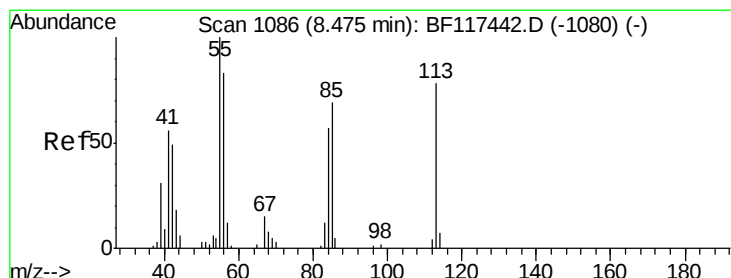
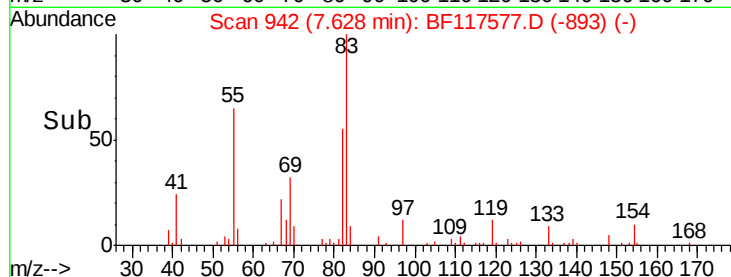
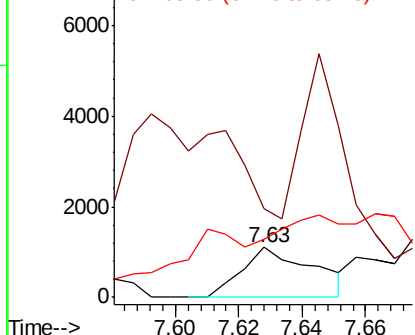
#26
2-Nitrophenol
Concen: 2.470 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Instrument :
BNA_E
ClientSampled :

Tot Ion:139 Resp: 1727
Ion Ratio Lower Upper
139 100
109 178.2 23.2 34.8#
65 117.7 41.1 61.7#

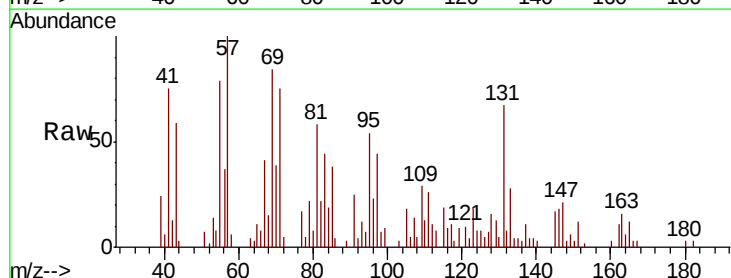


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

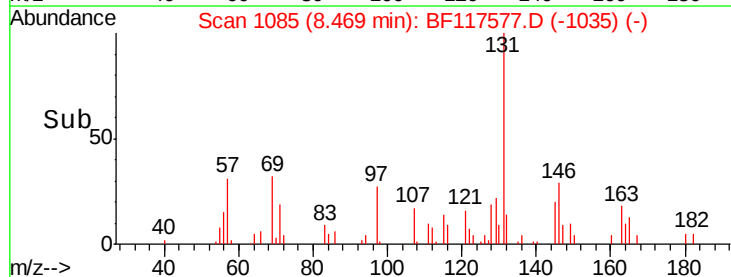
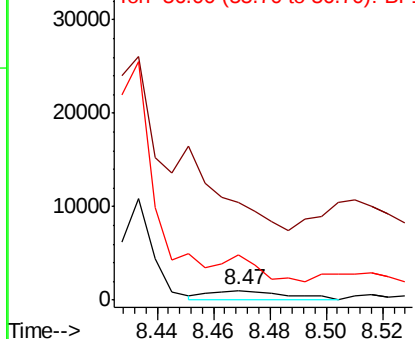


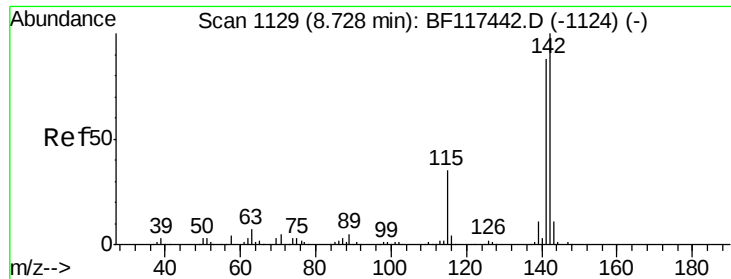
#35
Caprolactam
Concen: 5.474 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Tgt Ion:113 Resp: 1927
Ion Ratio Lower Upper
113 100
55 980.0 108.8 148.8#
56 451.1 87.2 127.2#



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

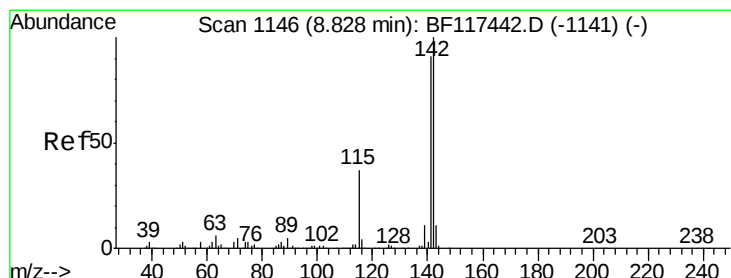
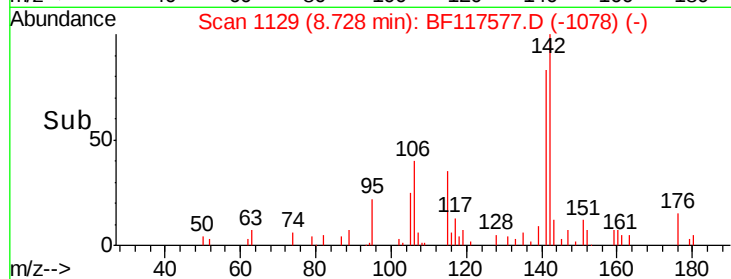
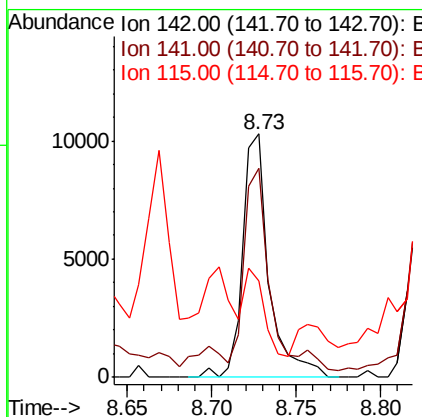
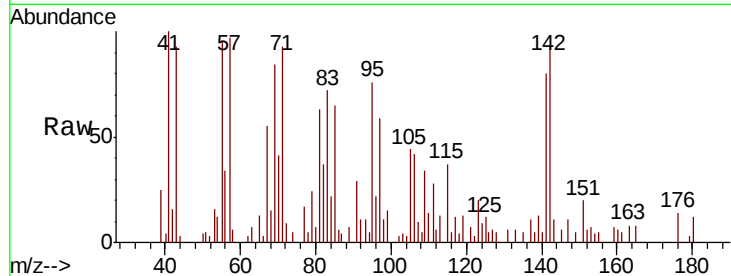




#37
 2-Methylnaphthalene
 Concen: 4.160 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF117577.D
 Acq: 28 Oct 2019 22:18

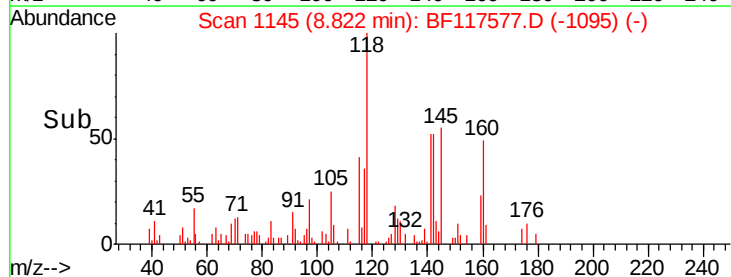
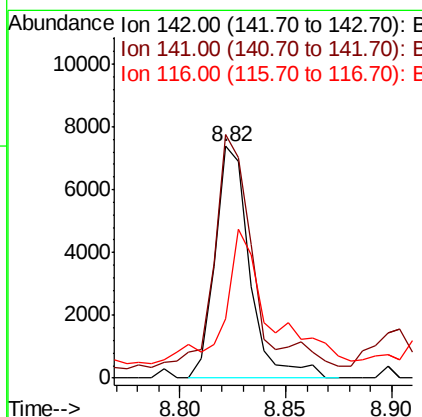
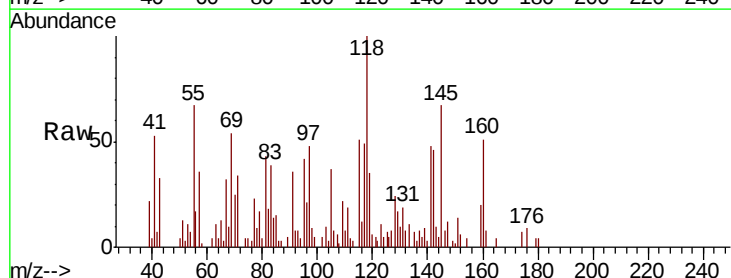
Instrument :
 BNA_E
 ClientSampleId :

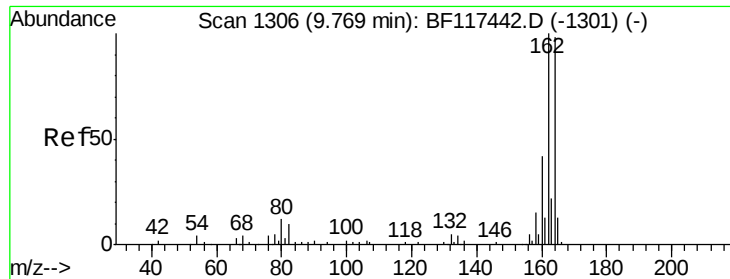
Tot Ion:142 Resp: 11225
 Ion Ratio Lower Upper
 142 100
 141 85.8 70.3 105.5
 115 39.8 28.2 42.2



#38
 1-Methylnaphthalene
 Concen: 3.321 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF117577.D
 Acq: 28 Oct 2019 22:18

Tgt Ion:142 Resp: 8420
 Ion Ratio Lower Upper
 142 100
 141 105.1 73.3 109.9
 116 25.5 3.1 4.7#

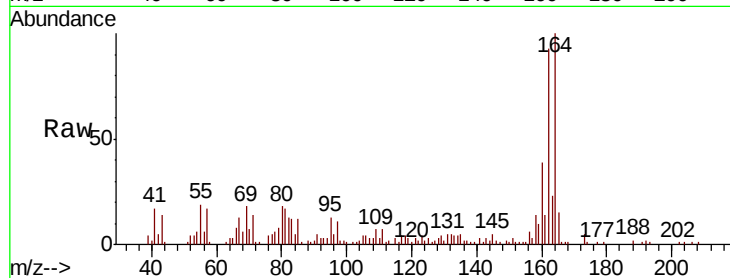




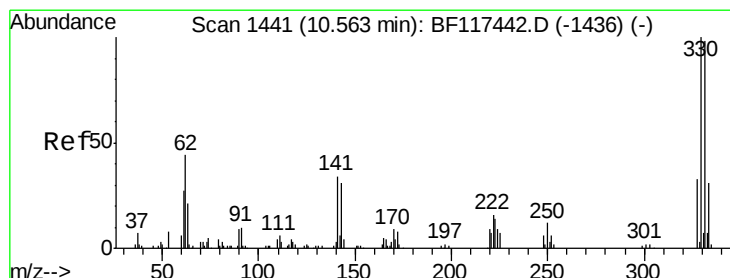
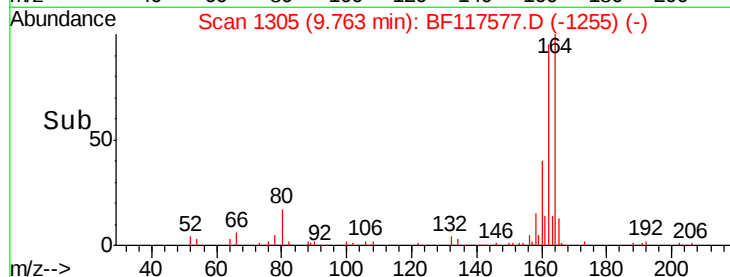
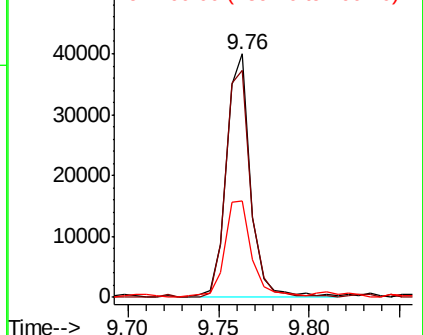
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Instrument :
BNA_E
ClientSampled :

Tot Ion:164 Resp: 37209
Ion Ratio Lower Upper
164 100
162 93.0 81.8 122.6
160 39.5 34.4 51.6

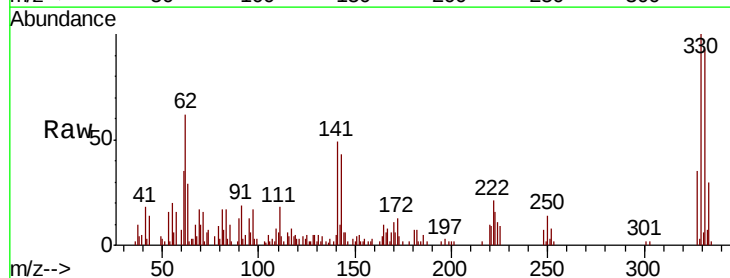


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

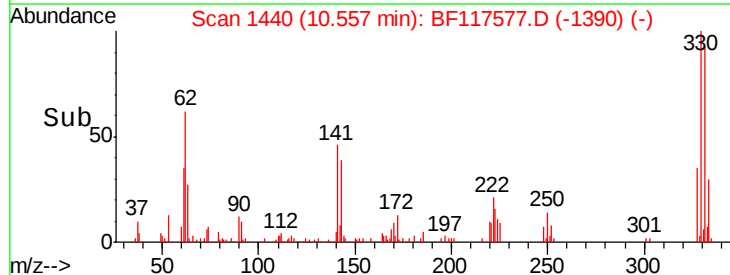
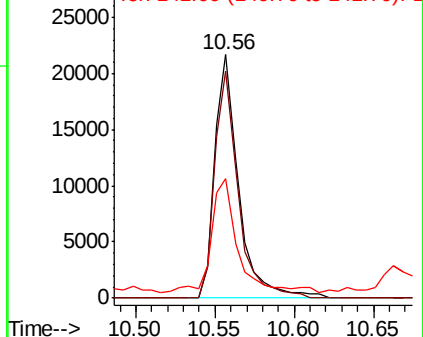


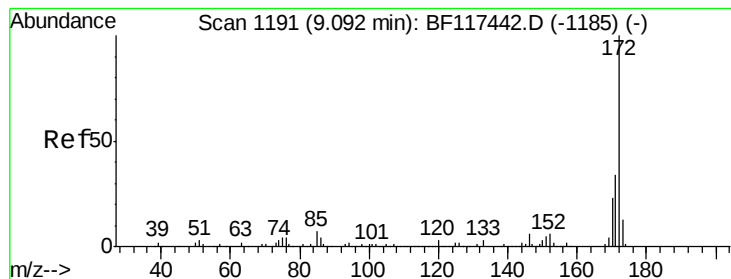
#42
2,4,6-Tribromophenol
Concen: 70.417 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Tgt Ion:330 Resp: 22671
Ion Ratio Lower Upper
330 100
332 91.7 78.5 117.7
141 51.0 37.0 55.6



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

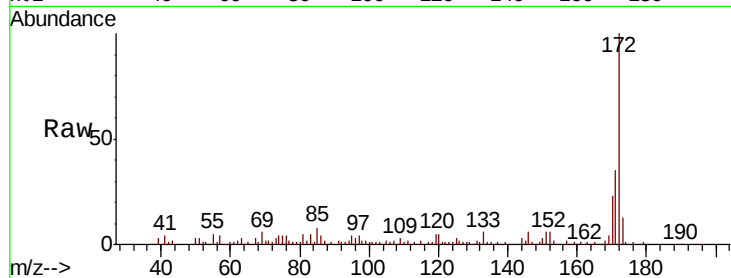




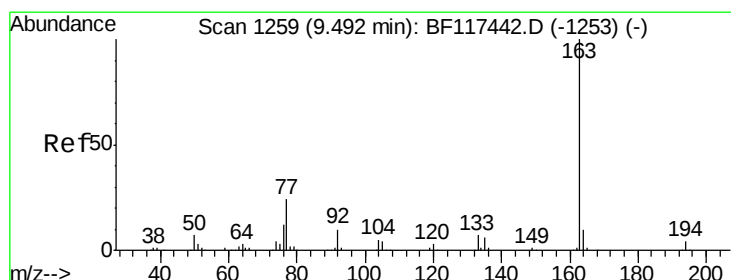
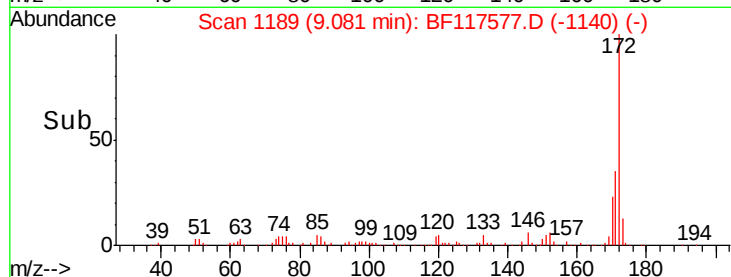
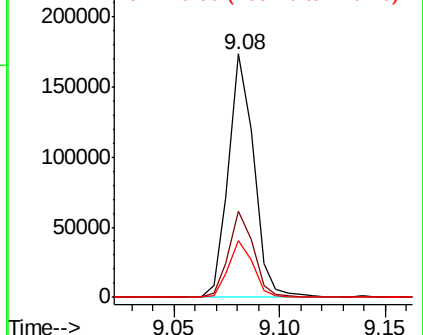
#45
2-Fluorobiphenyl
Concen: 54.761 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 144615
Ion Ratio Lower Upper
172 100
171 35.4 27.5 41.3
170 23.1 18.6 27.8

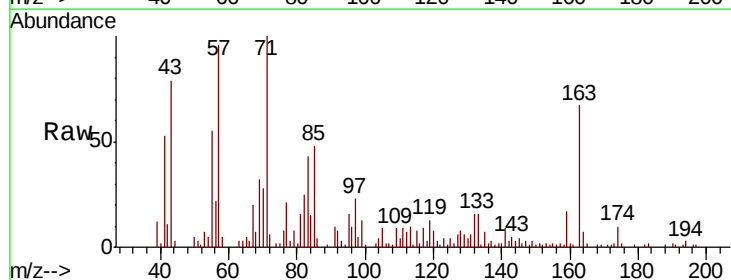


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

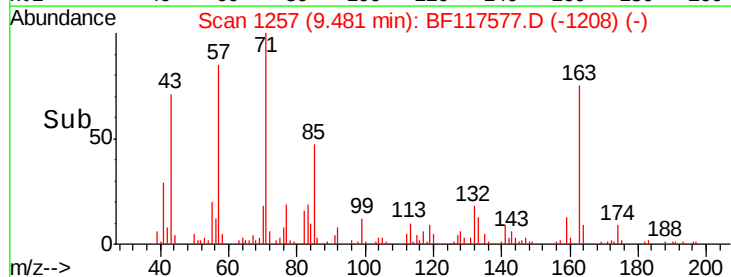
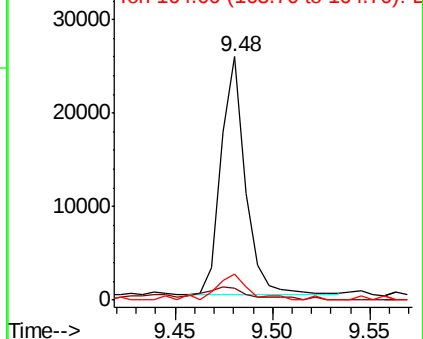


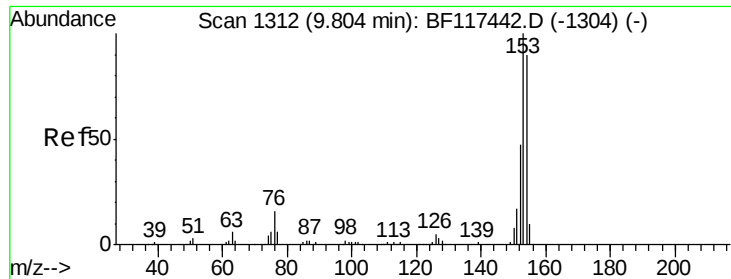
#50
Dimethylphthalate
Concen: 8.350 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Tgt Ion:163 Resp: 22150
Ion Ratio Lower Upper
163 100
194 4.8 2.9 4.3#
164 10.9 8.2 12.2



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





#52

Acenaphthene

Concen: 2.013 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF117577.D

Acq: 28 Oct 2019 22:18

Instrument :

BNA_E

ClientSampled :

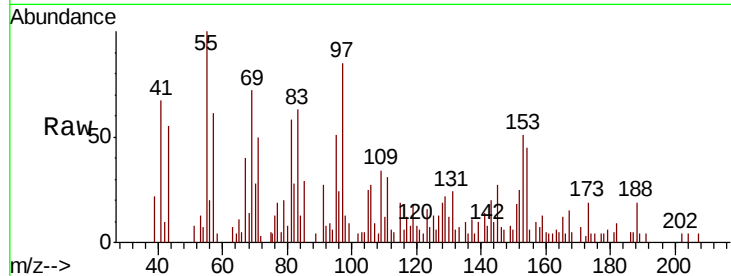
Tot Ion:154 Resp: 4213

Ion Ratio Lower Upper

154 100

153 112.1 89.2 133.8

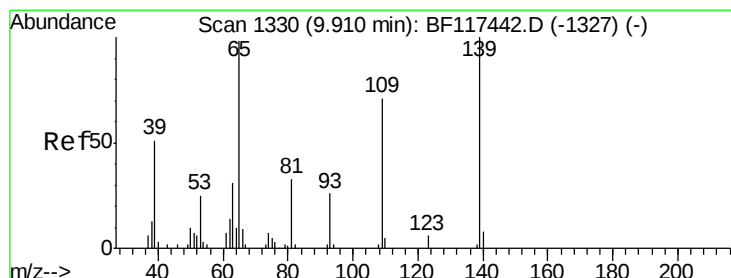
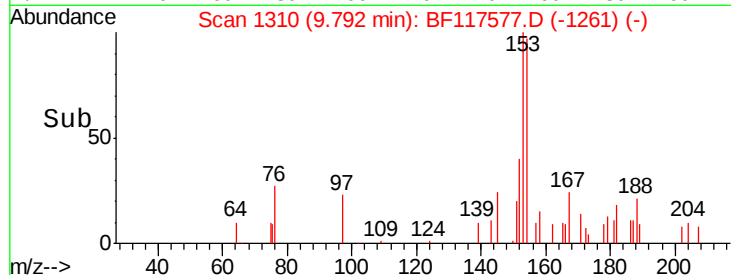
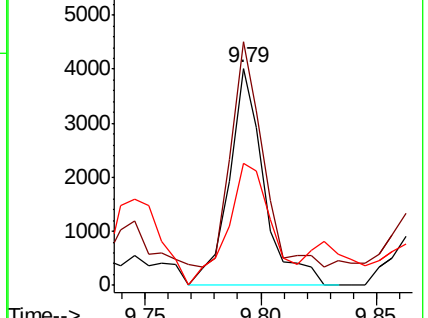
152 56.0 41.8 62.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

4-Nitrophenol

Concen: 11.244 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BF117577.D

Acq: 28 Oct 2019 22:18

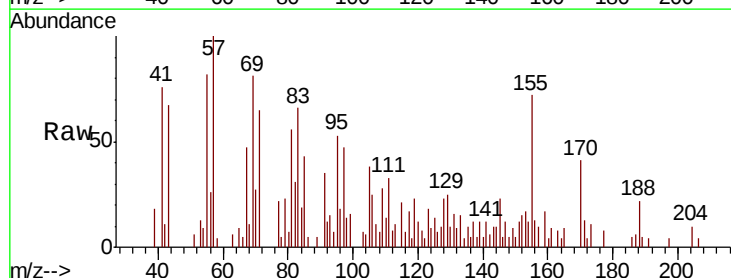
Tgt Ion:139 Resp: 2319

Ion Ratio Lower Upper

139 100

109 239.6 51.4 91.4#

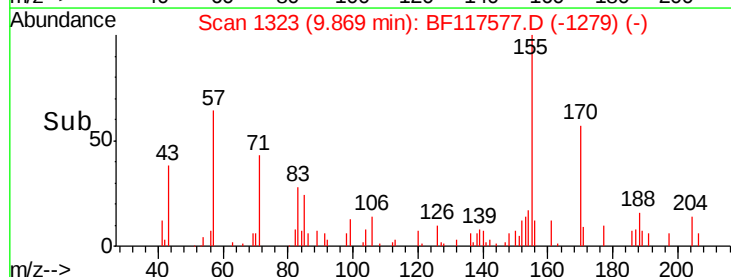
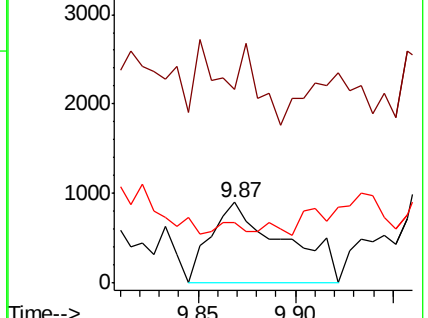
65 75.0 79.4 119.4#

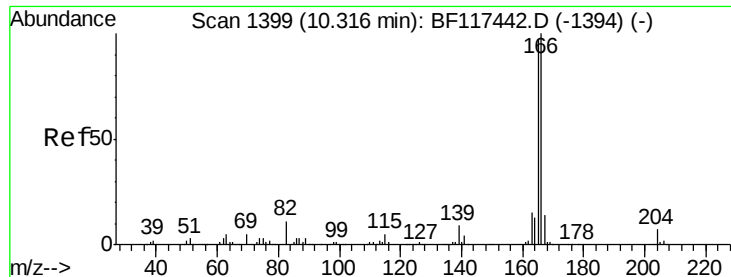


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

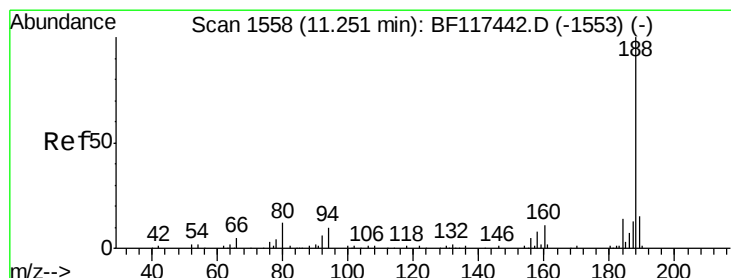
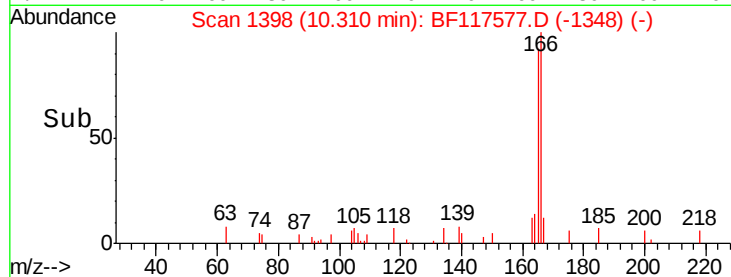
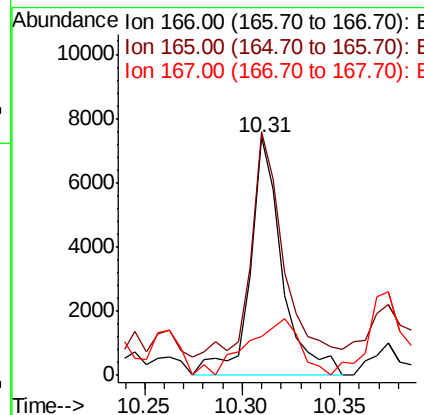
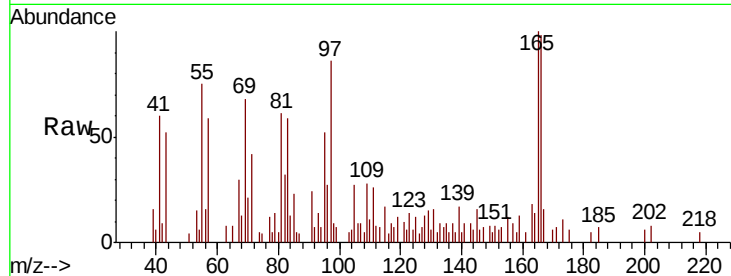




#58
 Fluorene
 Concen: 3.355 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF117577.D
 Acq: 28 Oct 2019 22:18

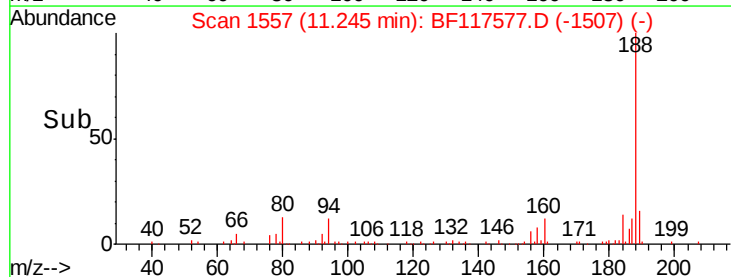
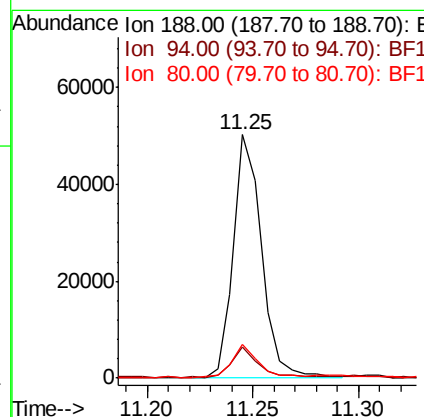
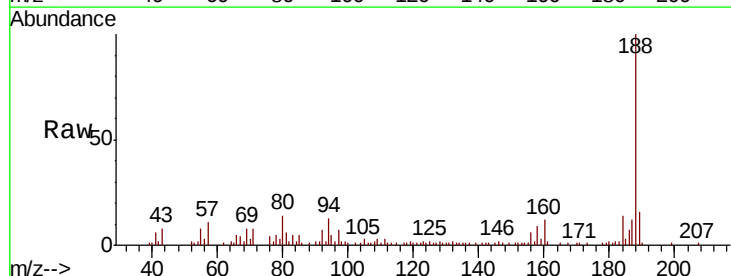
Instrument :
 BNA_E
 ClientSampleId :

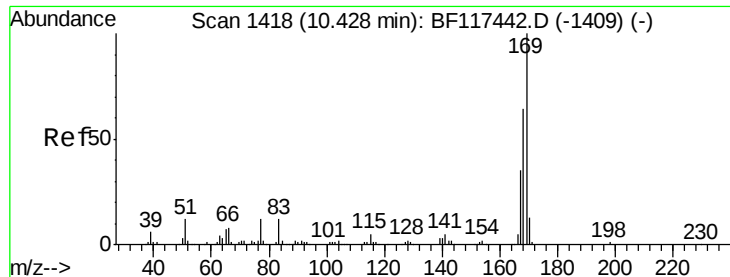
Tot Ion:166 Resp: 8414
 Ion Ratio Lower Upper
 166 100
 165 102.1 77.6 116.4
 167 16.4 11.0 16.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF117577.D
 Acq: 28 Oct 2019 22:18

Tgt Ion:188 Resp: 46402
 Ion Ratio Lower Upper
 188 100
 94 12.8 8.0 12.0#
 80 13.7 9.5 14.3

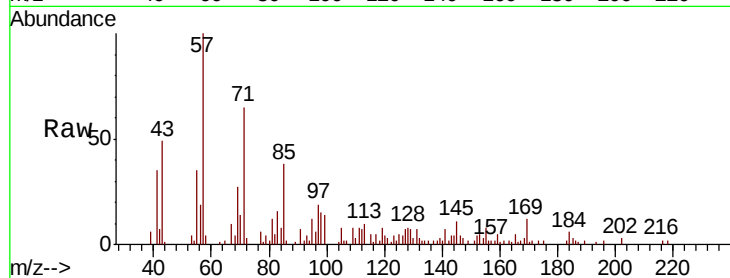




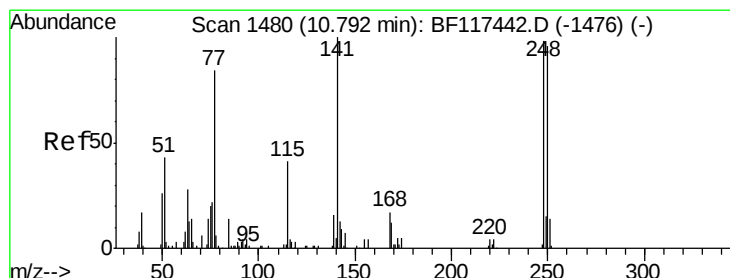
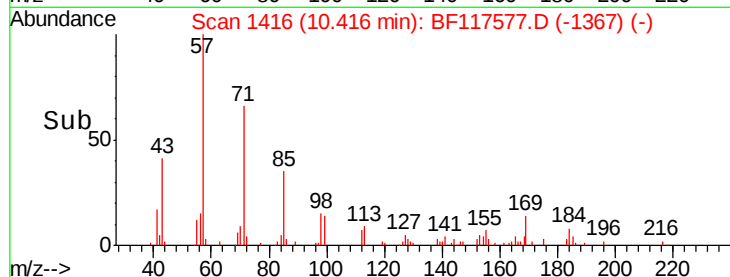
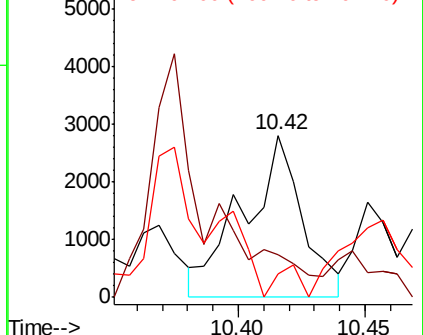
#66
 n-Nitrosodiphenylamine
 Concen: 2.677 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF117577.D
 Acq: 28 Oct 2019 22:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:169 Resp: 4541
 Ion Ratio Lower Upper
 169 100
 168 26.1 51.3 76.9#
 167 14.2 28.2 42.4#

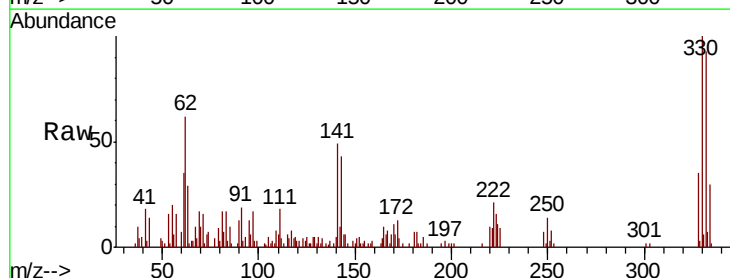


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

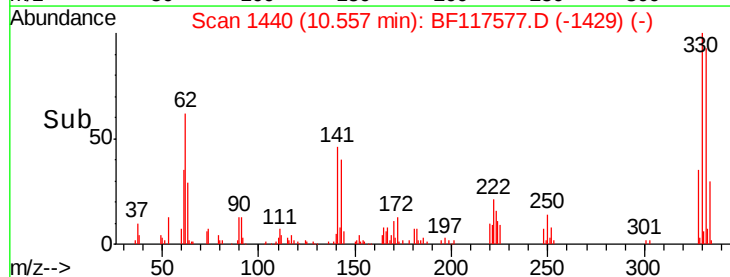
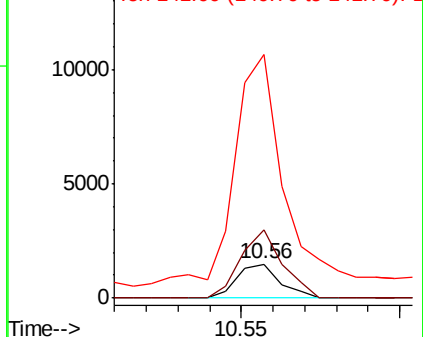


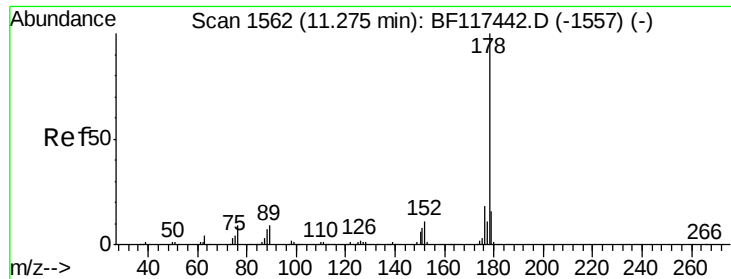
#67
 4-Bromophenyl-phenylether
 Concen: 2.819 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF117577.D
 Acq: 28 Oct 2019 22:18

Tgt Ion:248 Resp: 1409
 Ion Ratio Lower Upper
 248 100
 250 202.4 78.0 117.0#
 141 721.7 81.7 122.5#



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





#71

Phenanthrene

Concen: 18.416 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF117577.D

Acq: 28 Oct 2019 22:18

Instrument :

BNA_E

ClientSampleId :

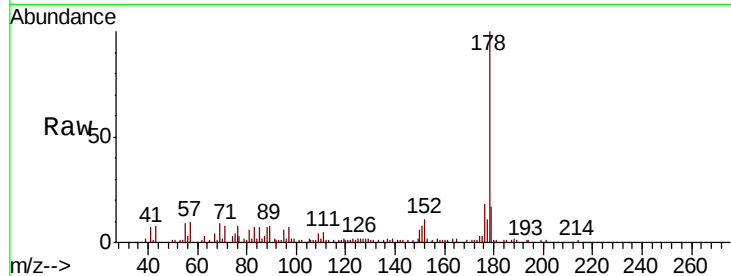
Tot Ion:178 Resp: 49621

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

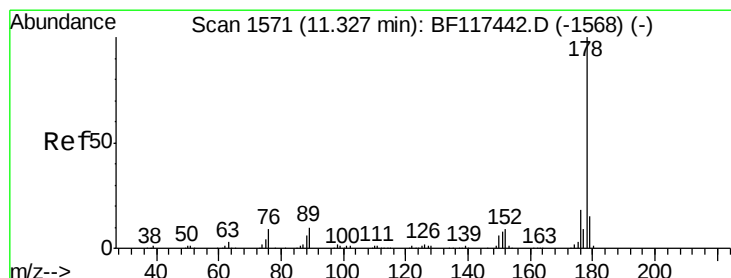
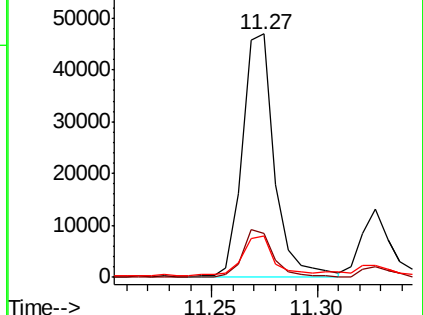
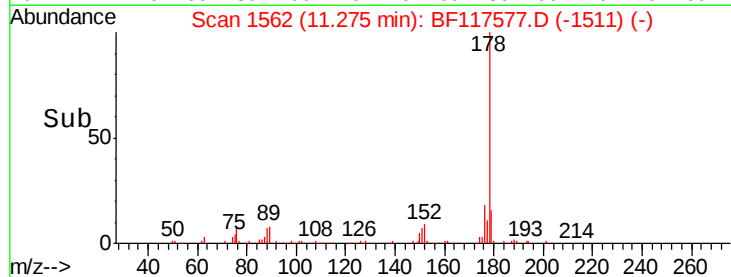
179 16.8 12.6 19.0



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: 3.932 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF117577.D

Acq: 28 Oct 2019 22:18

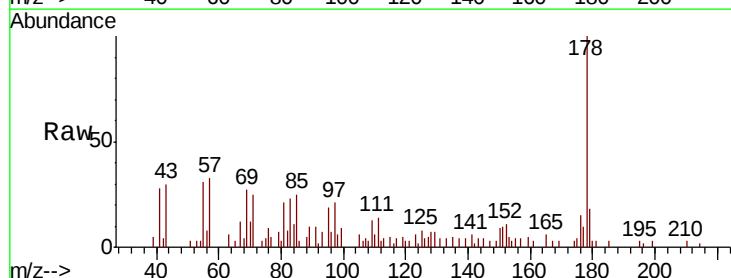
Tgt Ion:178 Resp: 10870

Ion Ratio Lower Upper

178 100

176 15.3 14.7 22.1

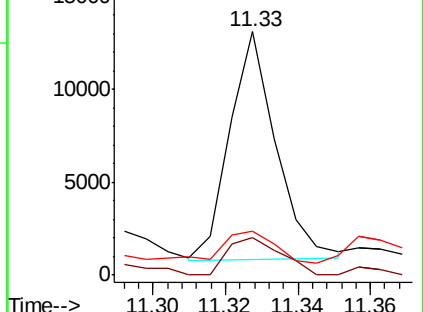
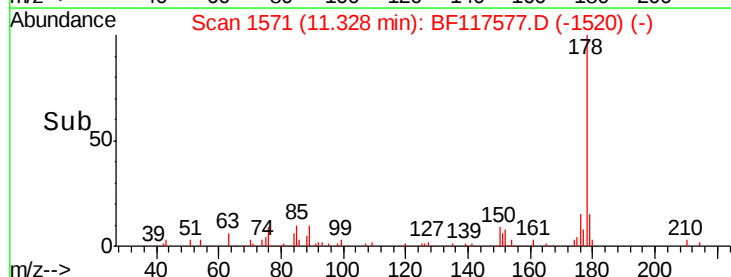
179 18.2 12.2 18.2

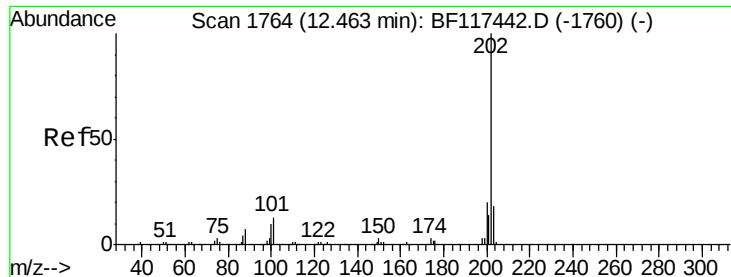


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

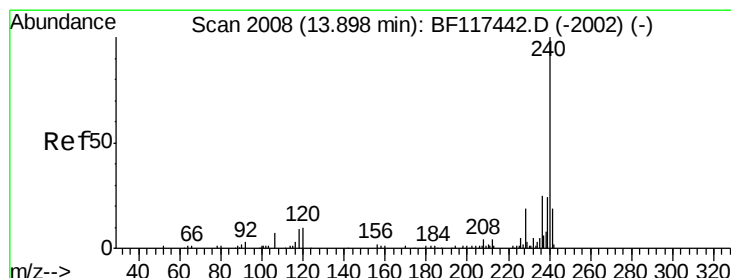
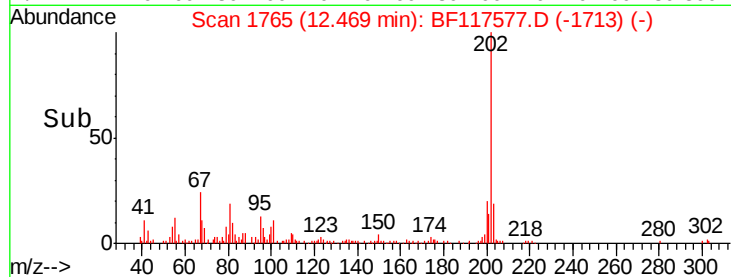
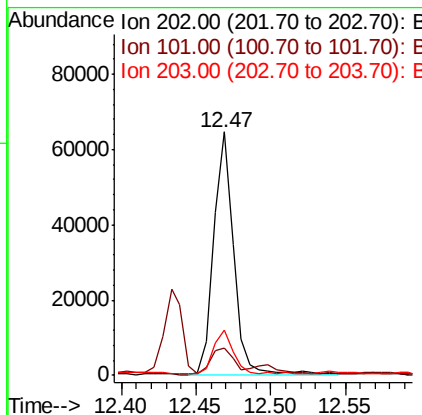
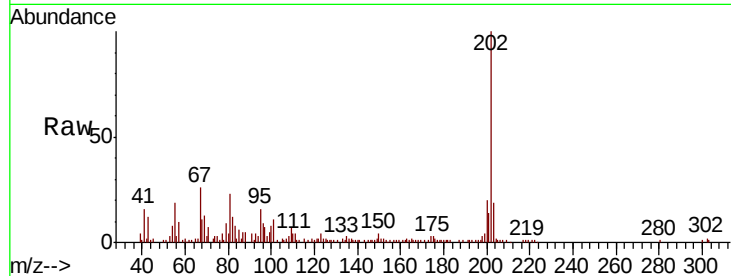




#75
 Fluoranthene
 Concen: 22.622 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117577.D
 Acq: 28 Oct 2019 22:18

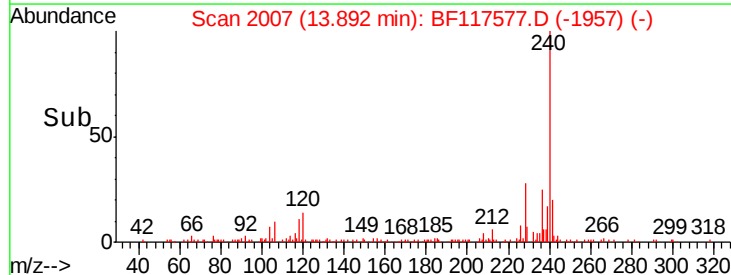
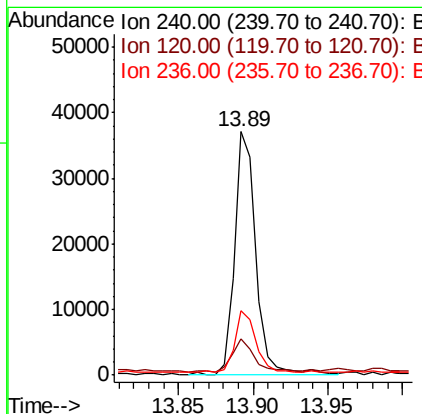
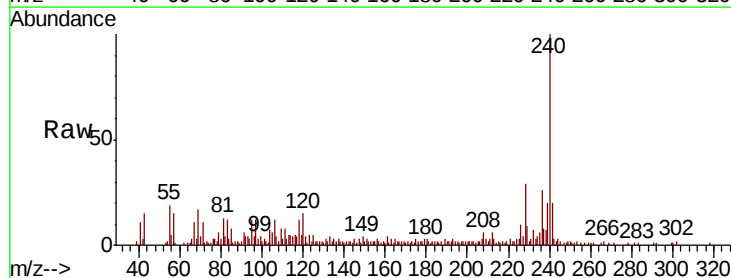
Instrument :
 BNA_E
 ClientSampleId :

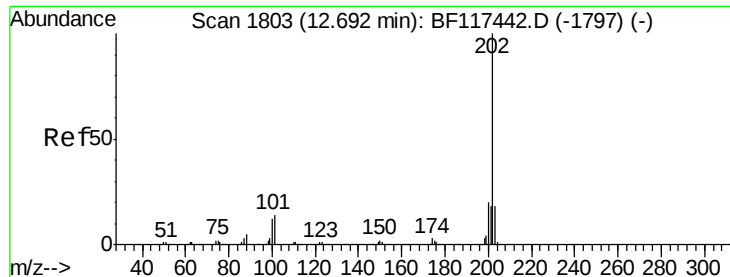
Tot Ion:202 Resp: 61019
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 32.7
 203 18.6 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117577.D
 Acq: 28 Oct 2019 22:18

Tgt Ion:240 Resp: 37568
 Ion Ratio Lower Upper
 240 100
 120 15.0 8.4 12.6#
 236 26.3 20.0 30.0

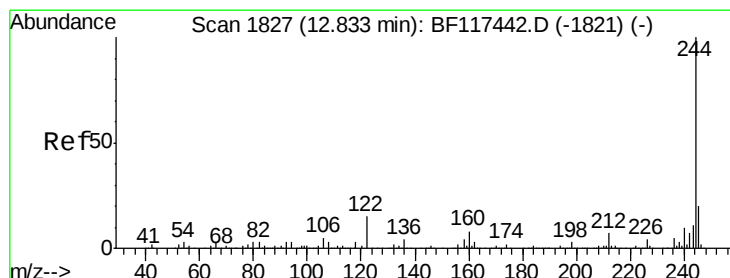
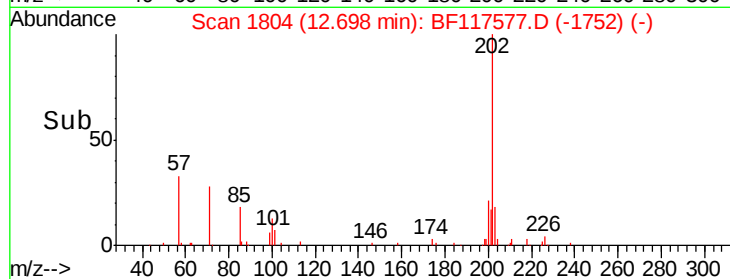
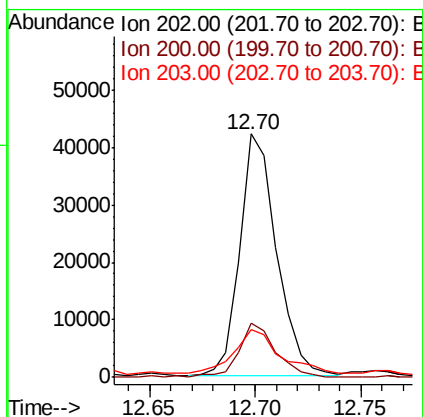
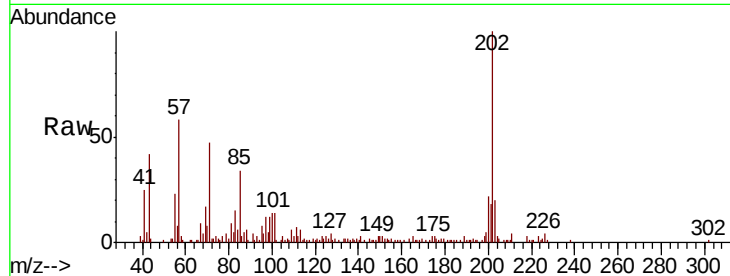




#78
Pvrene
Concen: 15.689 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

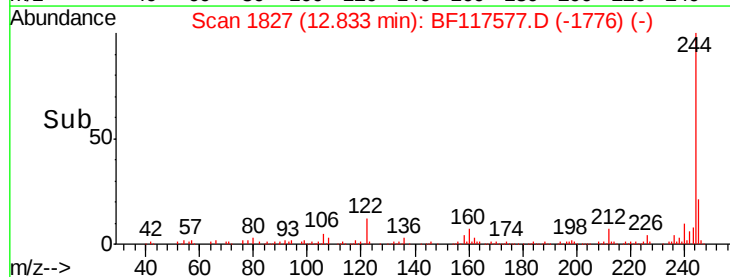
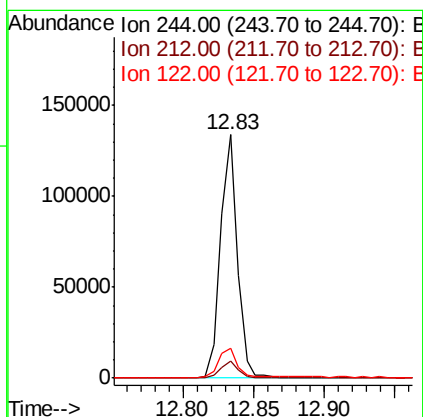
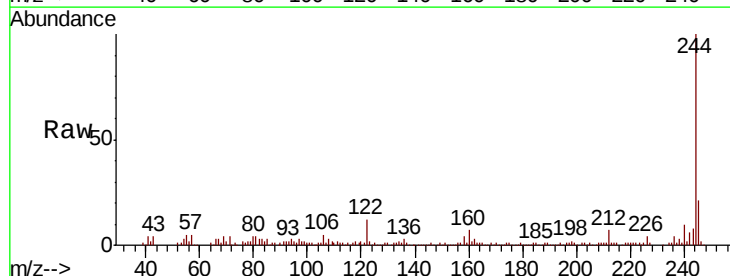
Instrument :
BNA_E
ClientSampled :

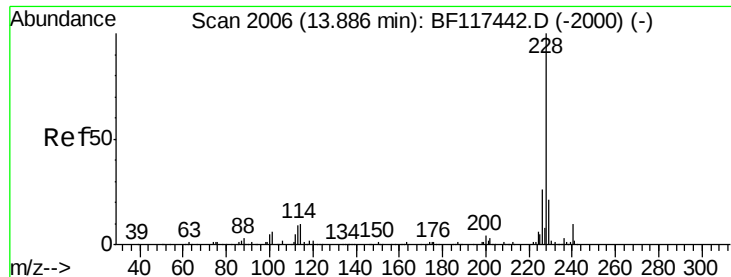
Tot Ion:202 Resp: 50627
Ion Ratio Lower Upper
202 100
200 22.1 16.2 24.2
203 19.7 14.0 21.0



#79
Terphenyl-d14
Concen: 48.513 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Tgt Ion:244 Resp: 111735
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 12.0 11.8 17.8





#81

Benzo(a)anthracene

Concen: 9.024 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF117577.D

Acq: 28 Oct 2019 22:18

Instrument :

BNA_E

ClientSampleId :

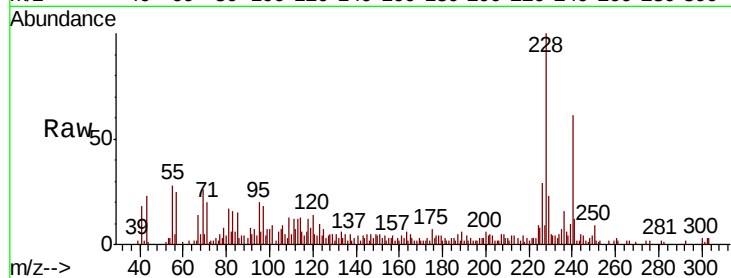
Tot Ion:228 Resp: 22867

Ion Ratio Lower Upper

228 100

226 28.8 21.0 31.4

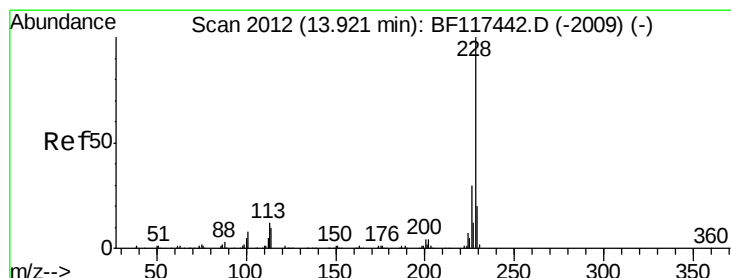
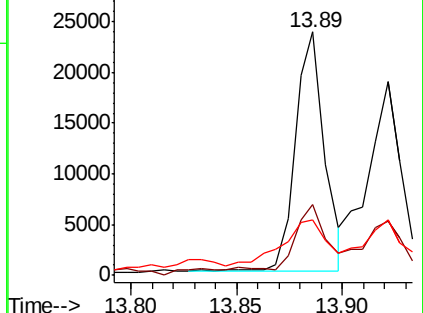
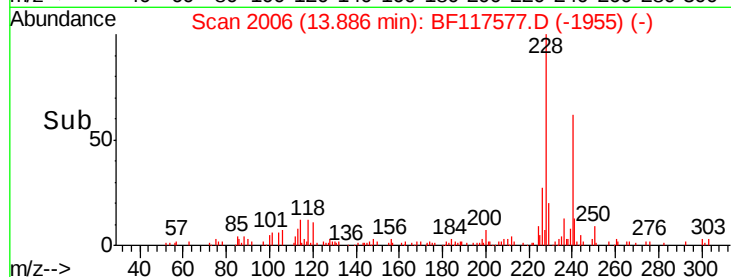
229 23.0 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 9.207 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.04 min

Lab File: BF117577.D

Acq: 28 Oct 2019 22:18

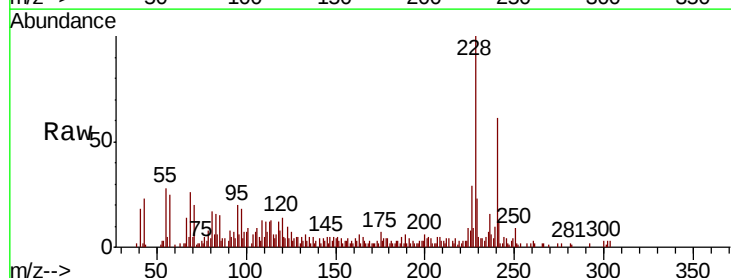
Tgt Ion:228 Resp: 22867

Ion Ratio Lower Upper

228 100

226 28.8 23.9 35.9

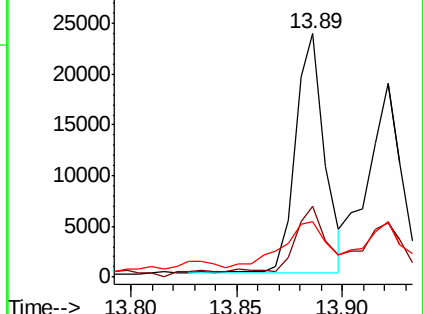
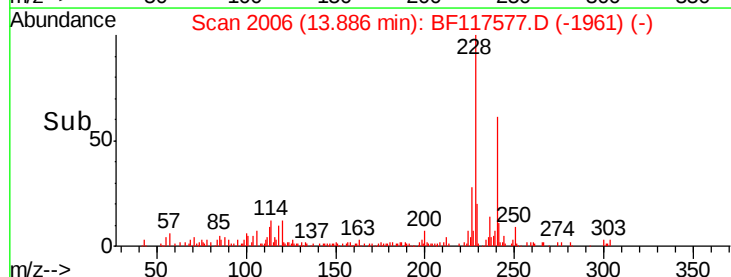
229 23.0 15.8 23.6

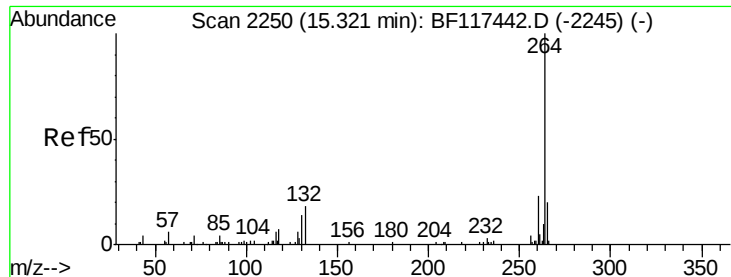


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

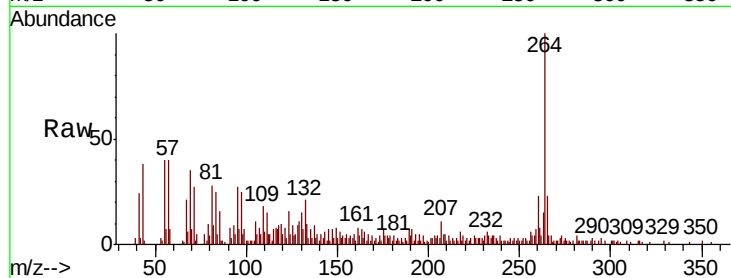




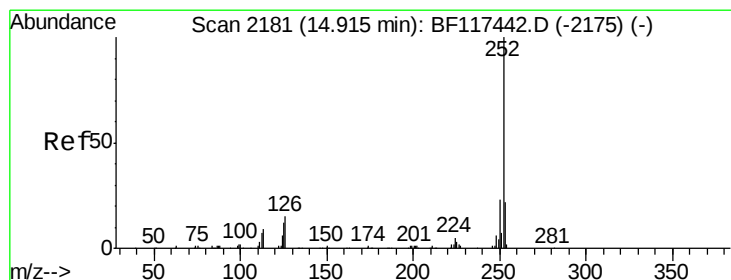
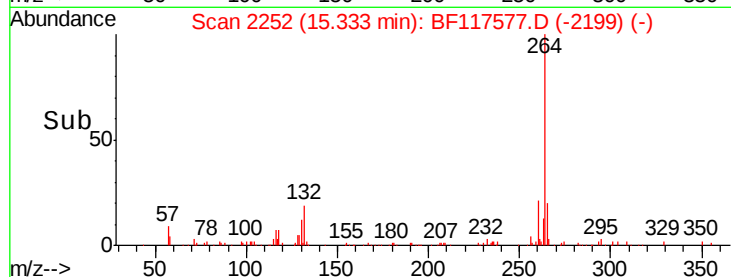
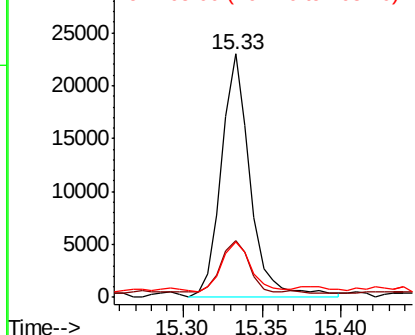
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 29247
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 22.8 16.1 24.1

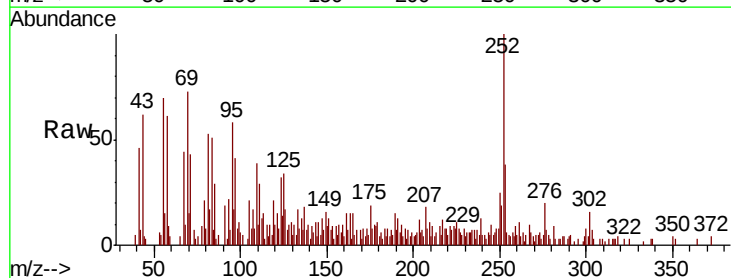


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

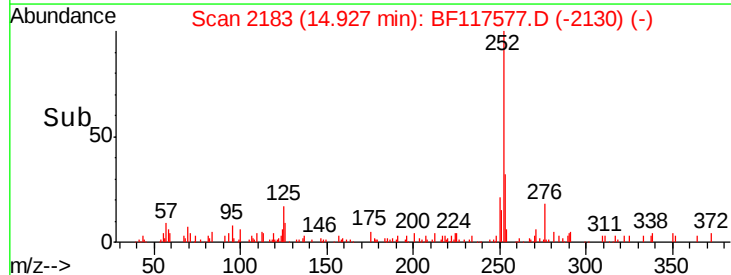
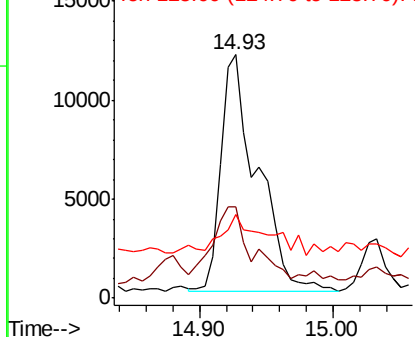


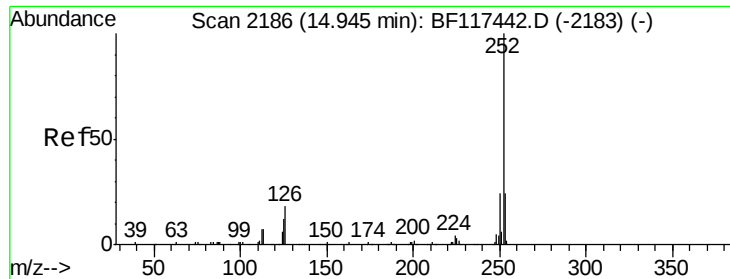
#88
Benzo(b)fluoranthene
Concen: 13.181 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Tgt Ion:252 Resp: 22765
Ion Ratio Lower Upper
252 100
253 37.6 17.8 26.6#
125 34.1 9.9 14.9#



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

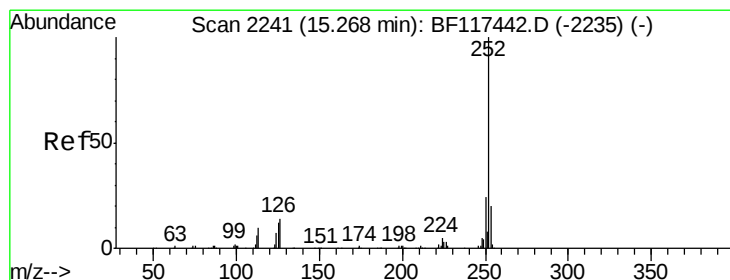
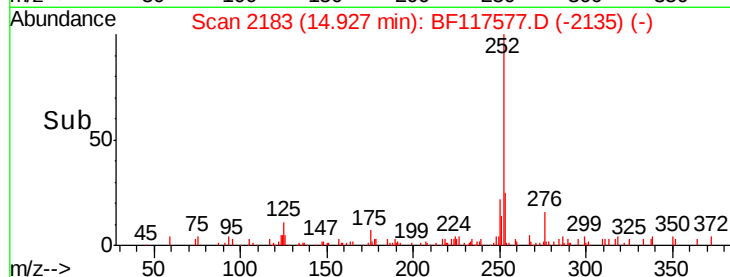
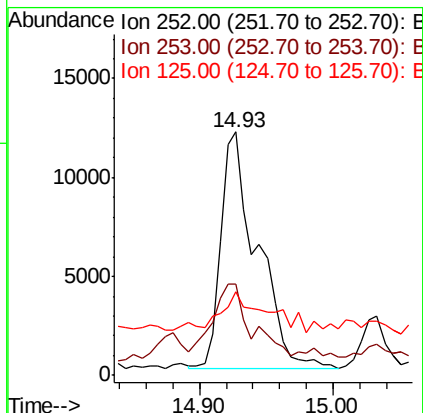
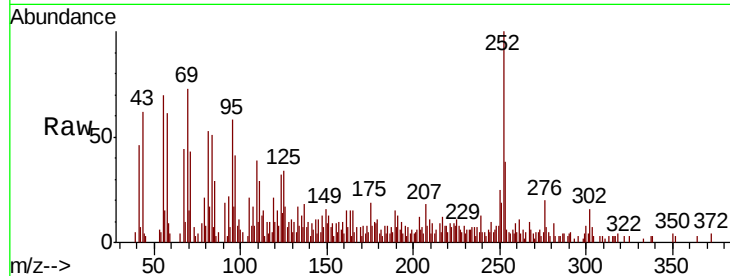




#89
Benzo(k)fluoranthene
Concen: 12.861 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

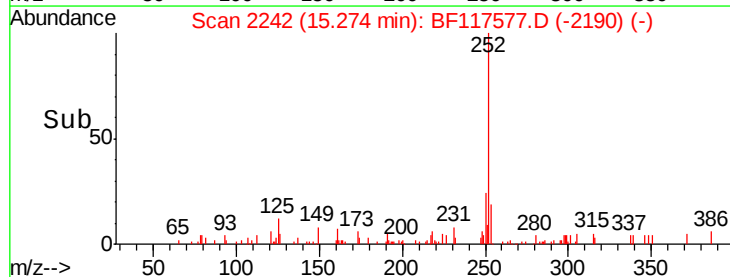
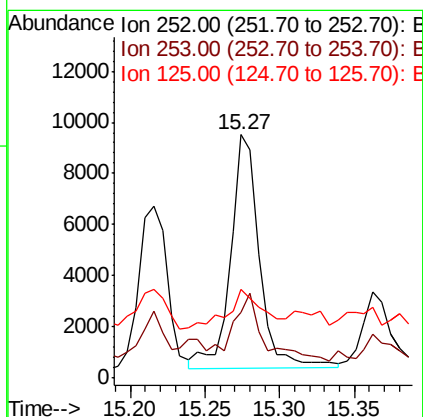
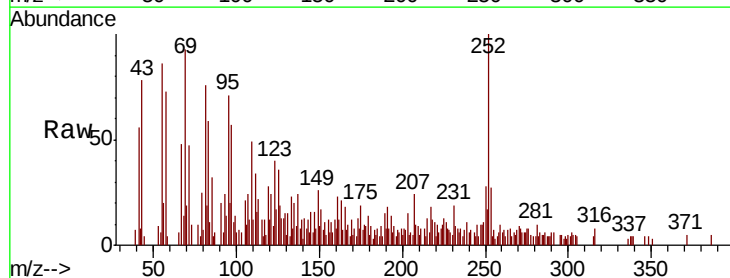
Instrument :
BNA_E
ClientSampleId :

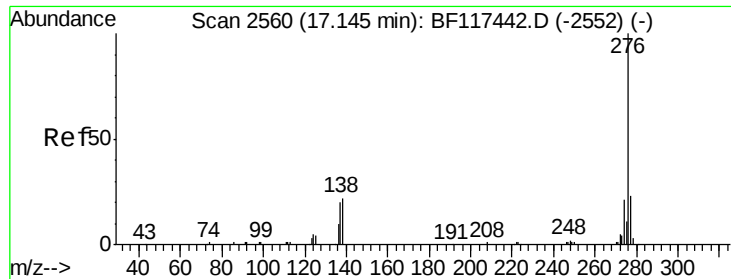
Tot Ion	Ratio	Lower	Upper
252	100		
253	37.6	18.0	27.0#
125	34.1	8.9	13.3#



#90
Benzo(a)pyrene
Concen: 7.838 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117577.D
Acq: 28 Oct 2019 22:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	16.3	24.5#
125	36.3	9.2	13.8#

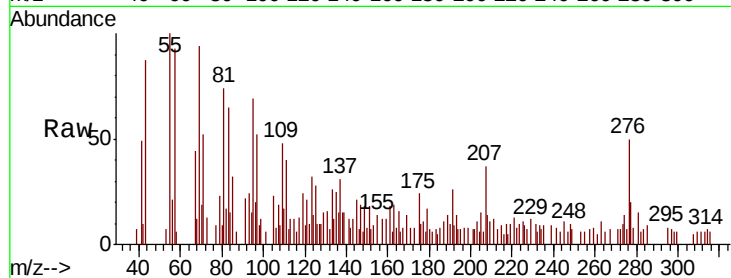




#92
 Benzo(a,h,i)perylene
 Concen: 5.767 ng
 RT: 17.19 min Scan# 2568
 Delta R.T. 0.05 min
 Lab File: BF117577.D
 Acq: 28 Oct 2019 22:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	40.3	18.4	27.6#
138	29.4	17.8	26.6#



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

