

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117633.D
 Acq On : 30 Oct 2019 19:06
 Operator : JU
 Sample : K5140-05RE 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 01:25:49 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	17379	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	73068	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	33225	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	44659	20.00	ng	0.00
76) Chrysene-d12	13.90	240	36622	20.00	ng	0.00
87) Perylene-d12	15.34	264	27423	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	108901	93.22	ng	0.00
7) Phenol-d6	6.39	99	155152	98.89	ng	0.00
23) Nitrobenzene-d5	7.29	82	85930	58.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	19892	69.19	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	123470	52.36	ng	-0.01
79) Terphenyl-d14	12.83	244	109064	48.58	ng	0.00

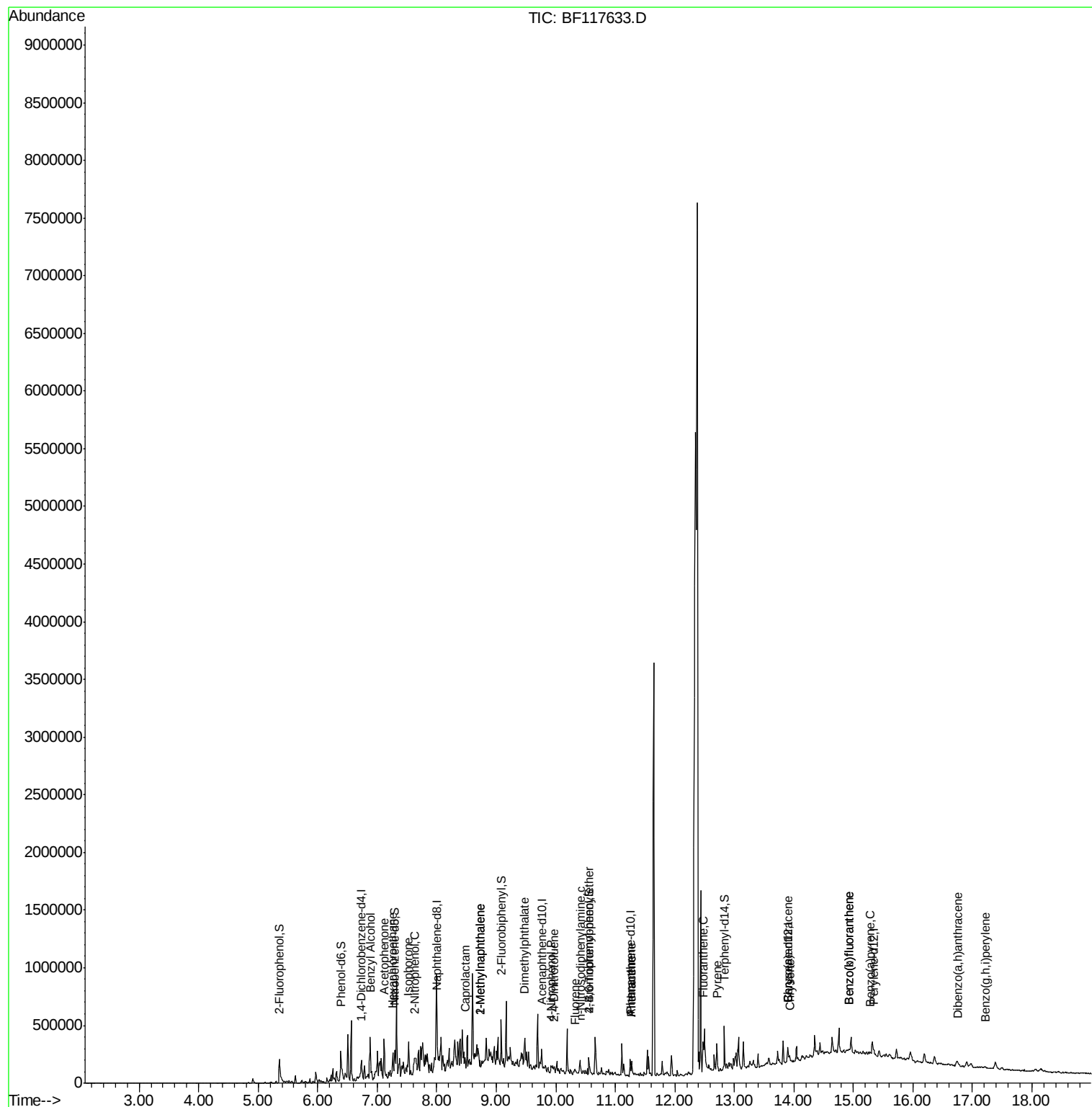
Target Compounds				Qvalue		
9) Benzaldehyde	6.28	77	1430	Below Cal	#	1
15) Benzyl Alcohol	6.88	79	3265	2.913 ng	#	52
18) Hexachloroethane	7.26	117	8745	16.056 ng	#	1
22) Acetophenone	7.12	105	26901	13.865 ng	#	52
25) Isophorone	7.53	82	12439	4.858 ng	#	1
26) 2-Nitrophenol	7.63	139	2011	3.181 ng	#	1
35) Caprolactam	8.47	113	1341	4.212 ng	#	1
37) 2-Methylnaphthalene	8.73	142	9280	3.803 ng	#	89
38) 1-Methylnaphthalene	8.73	142	9280	4.047 ng	#	96
50) Dimethylphthalate	9.48	163	19190	8.102 ng	#	97
56) 4-Nitrophenol	9.92	139	201	4.821 ng	#	1
57) 2,4-Dinitrotoluene	9.97	165	1546	2.353 ng	#	82
58) Fluorene	10.32	166	7806	3.486 ng	#	97
66) n-Nitrosodiphenylamine	10.42	169	3748	2.296 ng	#	72
67) 4-Bromophenyl-phenylether	10.56	248	1268	2.636 ng	#	1
71) Phenanthrene	11.27	178	46695	18.007 ng		98
72) Anthracene	11.27	178	46695	17.549 ng		97
75) Fluoranthene	12.47	202	60001	23.113 ng		97
77) Benzidine	12.63	184	289	Below Cal	#	1
78) Pvrene	12.70	202	48649	15.466 ng		94
81) Benzo(a)anthracene	13.89	228	21181	8.574 ng	#	92
83) Chrysene	13.93	228	19801	8.179 ng	#	90
88) Benzo(b)fluoranthene	14.93	252	21687	13.392 ng	#	67
89) Benzo(k)fluoranthene	14.93	252	21687	13.066 ng	#	67
90) Benzo(a)pyrene	15.29	252	11053	7.507 ng	#	58
91) Dibenzo(a,h)anthracene	16.76	278	3030	2.380 ng	#	26
92) Benzo(g,h,i)perylene	17.21	276	6508	5.403 ng	#	61

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

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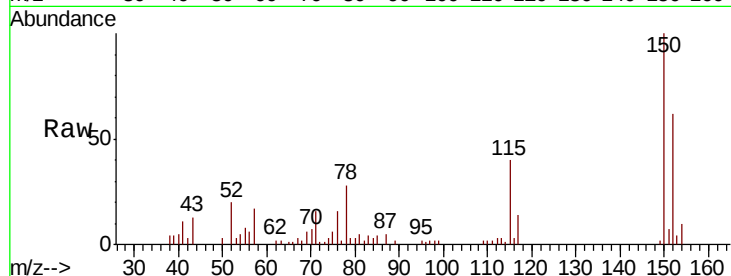


#1

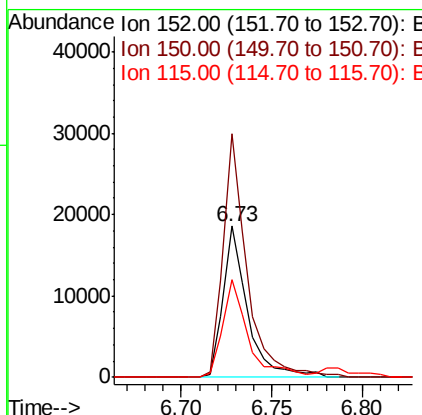
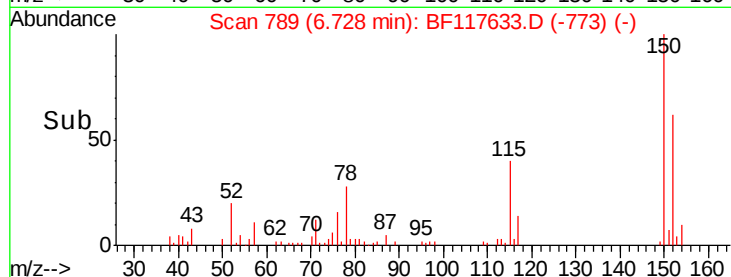
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 17379
Ion Ratio Lower Upper
152 100
150 161.4 126.8 190.2
115 64.5 51.6 77.4



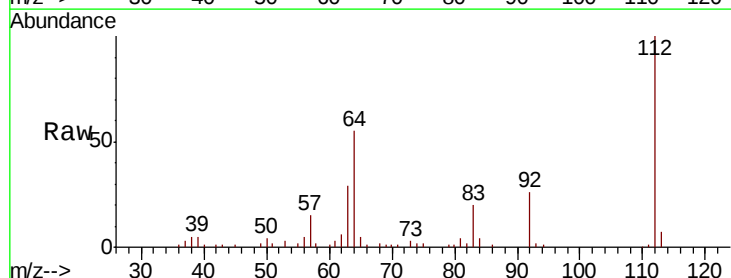
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



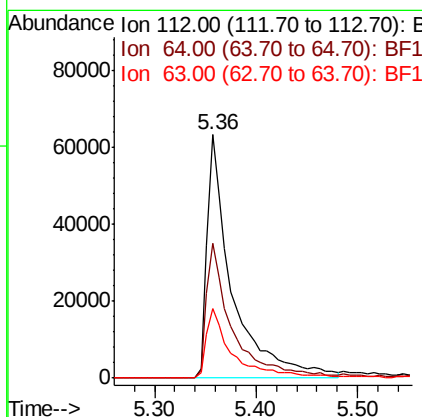
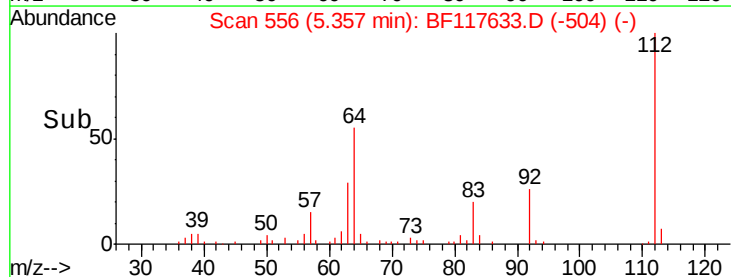
#5

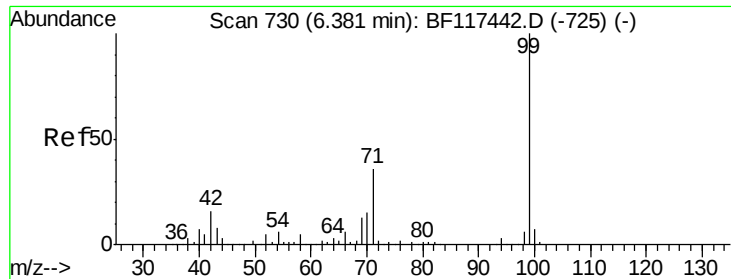
2-Fluorophenol
Concen: 93.223 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

Tgt Ion:112 Resp: 108901
Ion Ratio Lower Upper
112 100
64 55.4 44.1 66.1
63 28.7 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: 98.886 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117633.D

Acq: 30 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

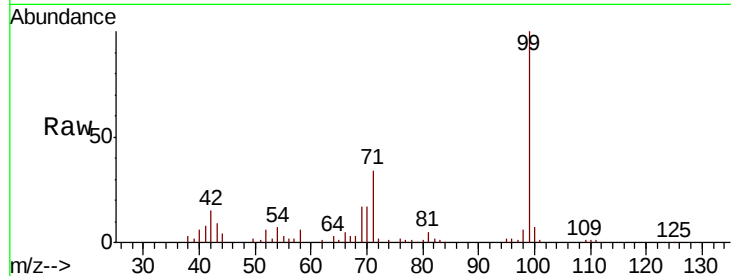
Tot Ion: 99 Resp: 155152

Ion Ratio Lower Upper

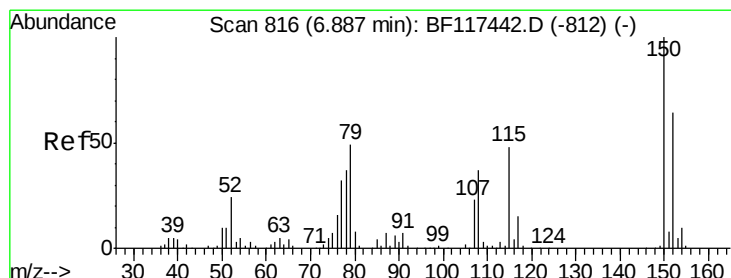
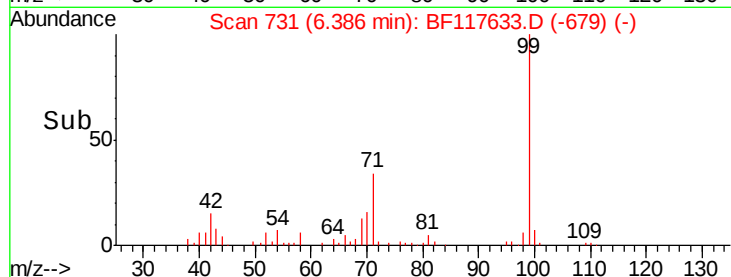
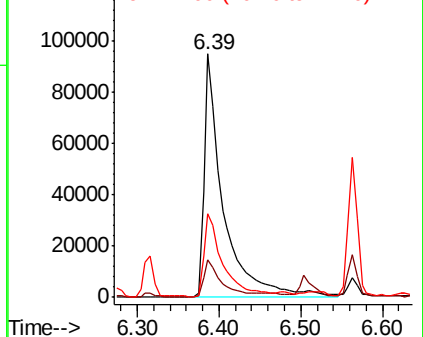
99 100

42 15.3 12.8 19.2

71 34.1 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: 2.913 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF117633.D

Acq: 30 Oct 2019 19:06

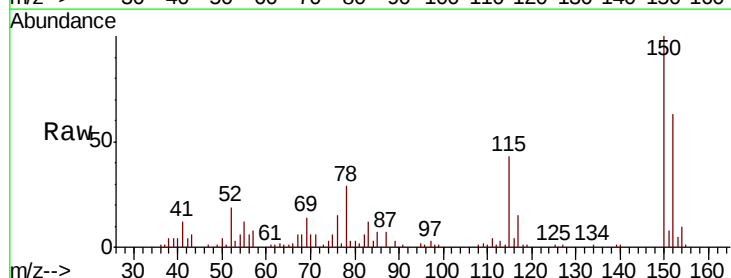
Tgt Ion: 79 Resp: 3265

Ion Ratio Lower Upper

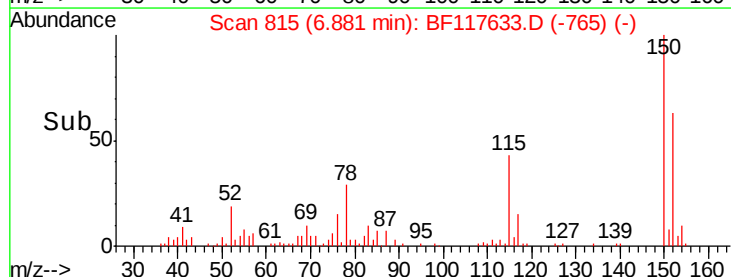
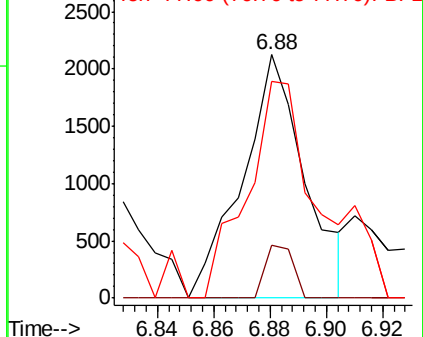
79 100

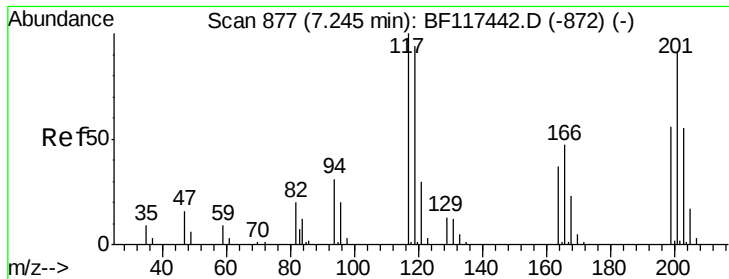
108 21.6 59.8 89.8#

77 89.0 51.4 77.0#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

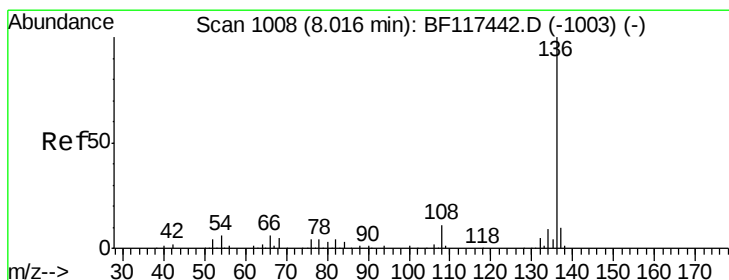
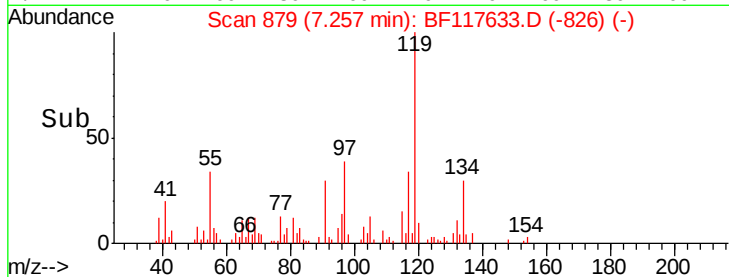
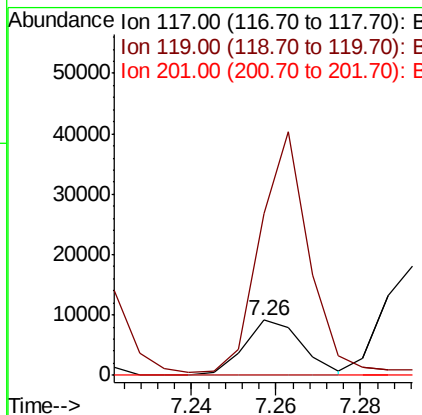
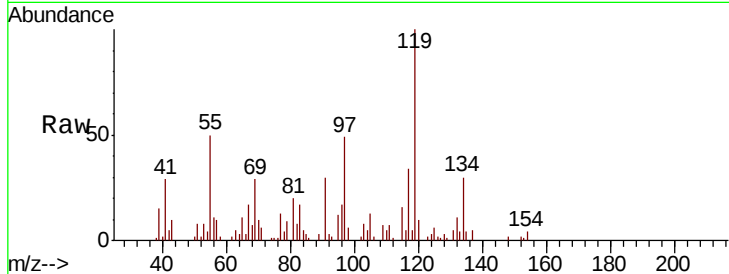




#18
Hexachloroethane
Concen: 16.056 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

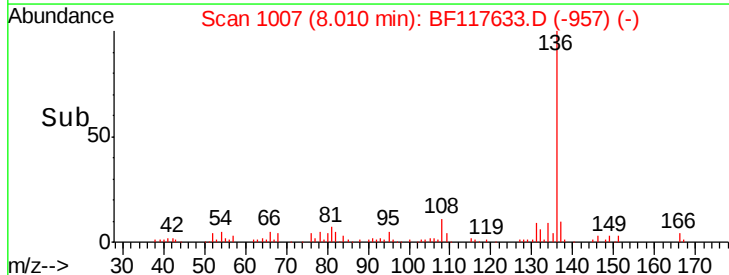
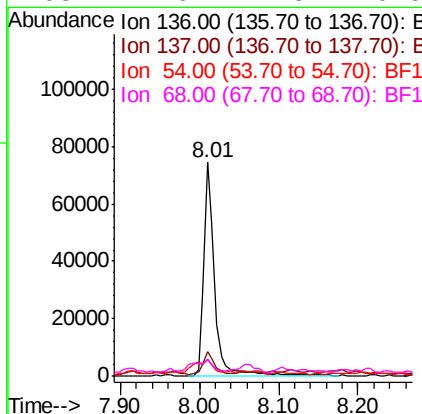
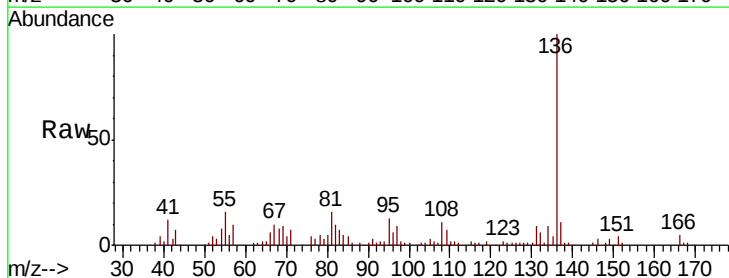
Instrument :
BNA_F
ClientSampleId :

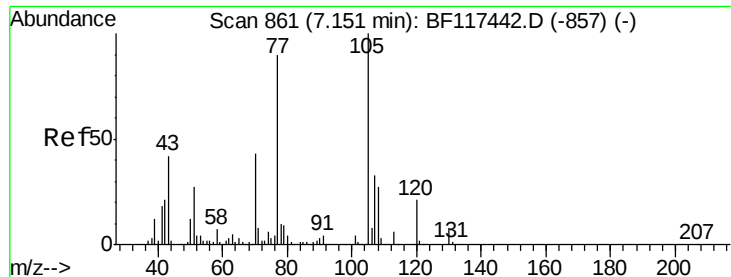
Tot Ion:117 Resp: 8745
Ion Ratio Lower Upper
117 100
119 295.9 75.4 113.0#
201 0.0 72.5 108.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

Tgt Ion:136 Resp: 73068
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 7.5 4.5 6.7#
68 7.6 4.3 6.5#

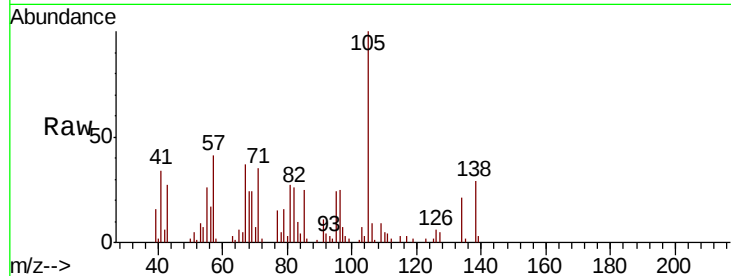




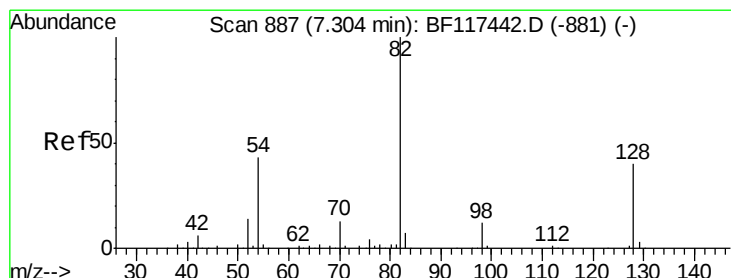
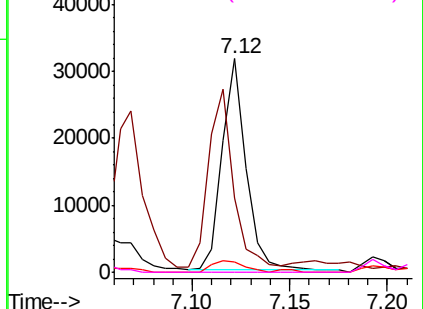
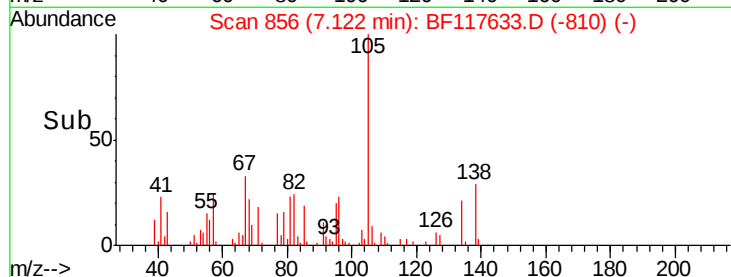
#22
Acetophenone
Concen: 13.865 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:105 Resp: 26901
Ion Ratio Lower Upper
105 100
71 34.5 6.2 9.2#
51 5.0 21.8 32.6#
120 0.0 16.7 25.1#

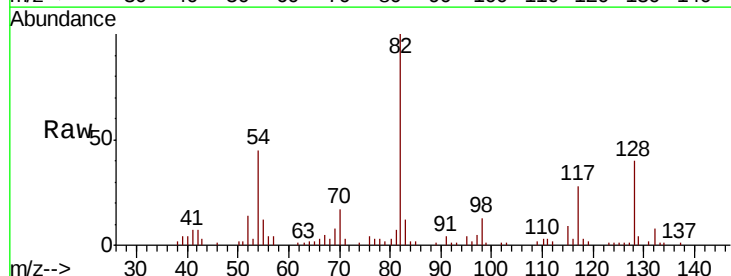


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

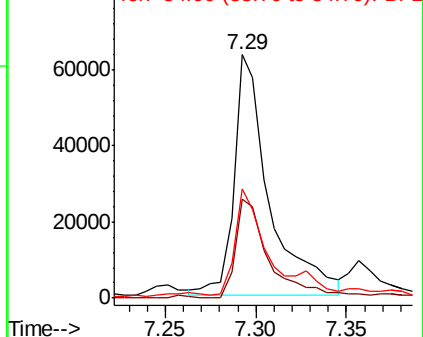
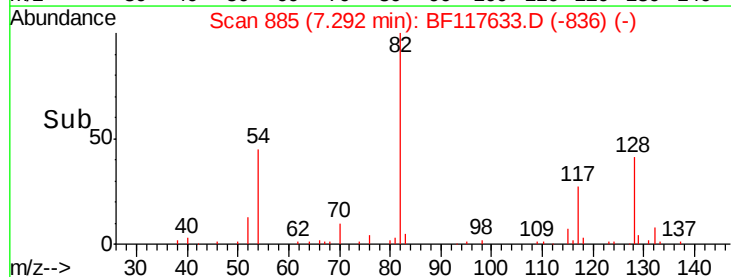


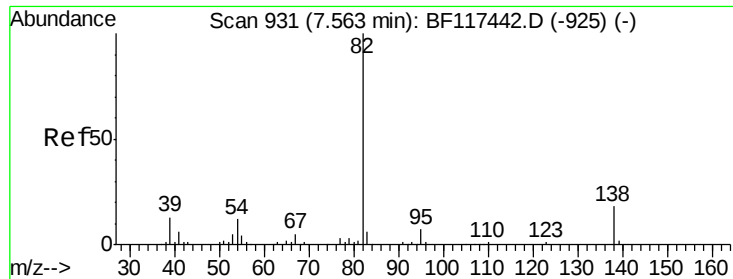
#23
Nitrobenzene-d5
Concen: 58.058 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

Tgt Ion: 82 Resp: 85930
Ion Ratio Lower Upper
82 100
128 40.4 32.2 48.2
54 45.1 34.2 51.2



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





#25

Isophorone

Concen: 4.858 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.04 min

Lab File: BF117633.D

Acq: 30 Oct 2019 19:06

Instrument :

BNA_F

ClientSampled :

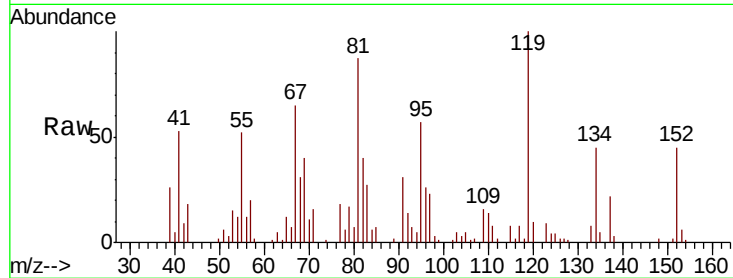
Tot Ion: 82 Resp: 12439

Ion Ratio Lower Upper

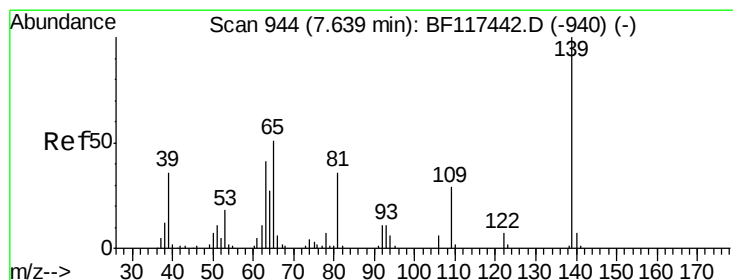
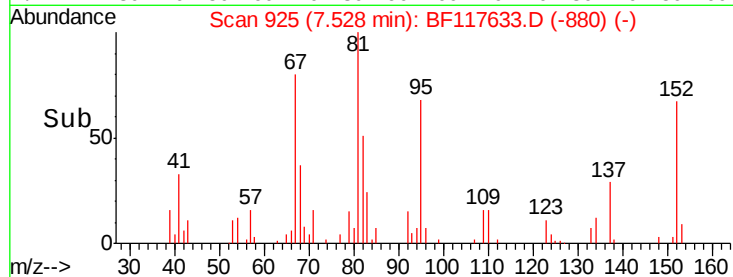
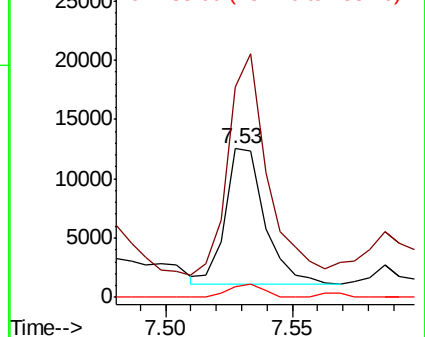
82 100

95 141.8 5.4 8.0#

138 6.8 14.2 21.2#



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: 3.181 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF117633.D

Acq: 30 Oct 2019 19:06

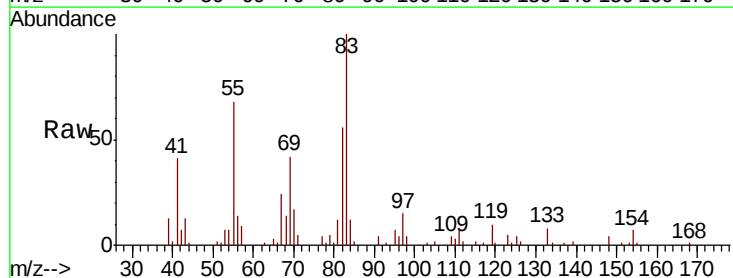
Tgt Ion: 139 Resp: 2011

Ion Ratio Lower Upper

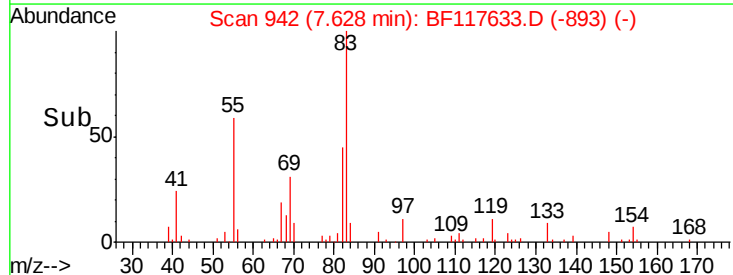
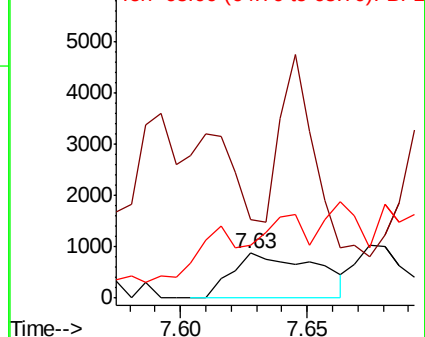
139 100

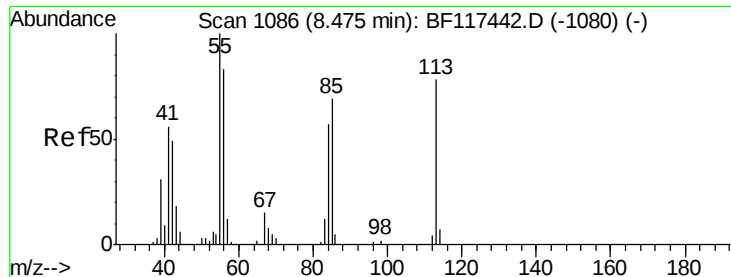
109 175.0 23.2 34.8#

65 117.2 41.1 61.7#



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

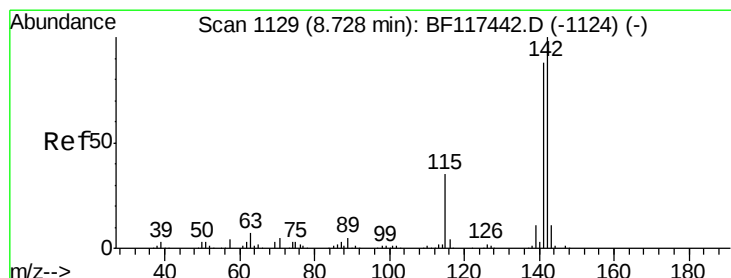
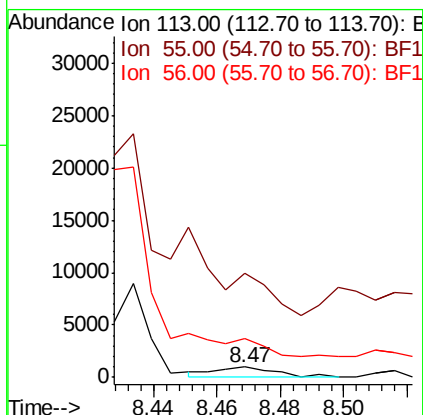
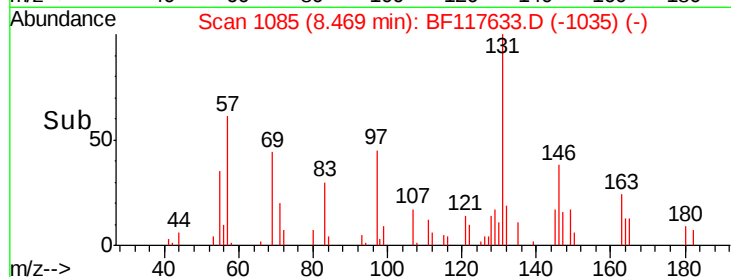
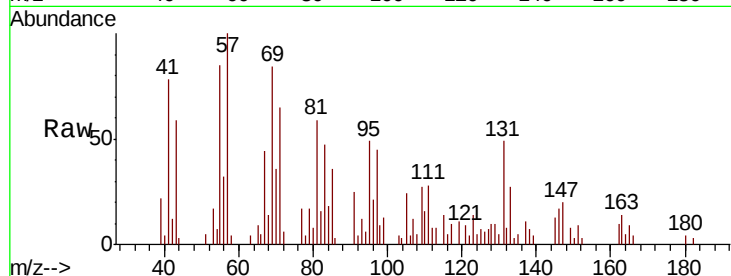




#35
Caprolactam
Concen: 4.212 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

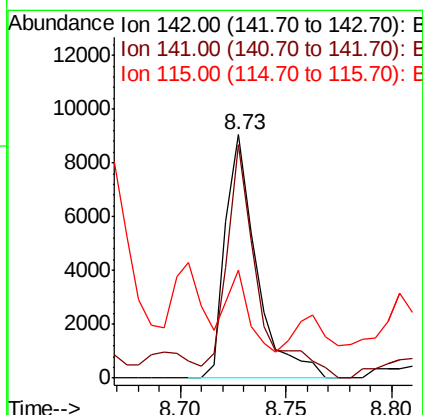
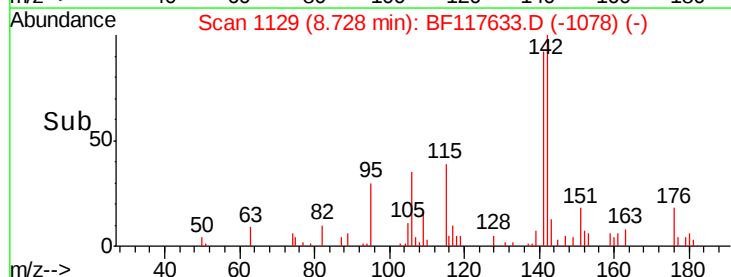
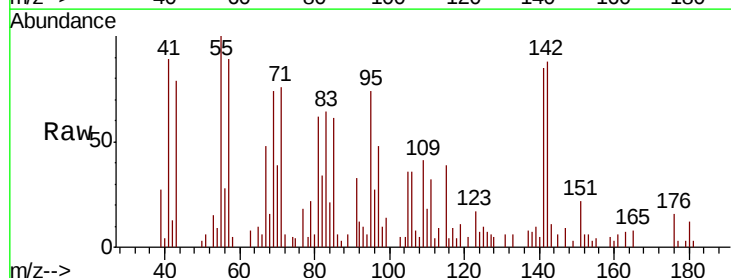
Instrument :
BNA_F
ClientSampled :

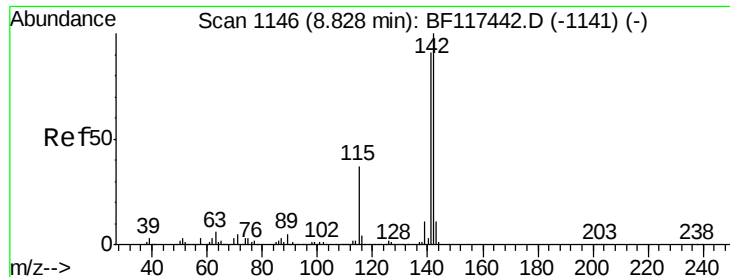
Tot Ion:113 Resp: 1341
Ion Ratio Lower Upper
113 100
55 1006.6 108.8 148.8#
56 383.0 87.2 127.2#



#37
2-Methylnaphthalene
Concen: 3.803 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

Tgt Ion:142 Resp: 9280
Ion Ratio Lower Upper
142 100
141 95.9 70.3 105.5
115 44.5 28.2 42.2#

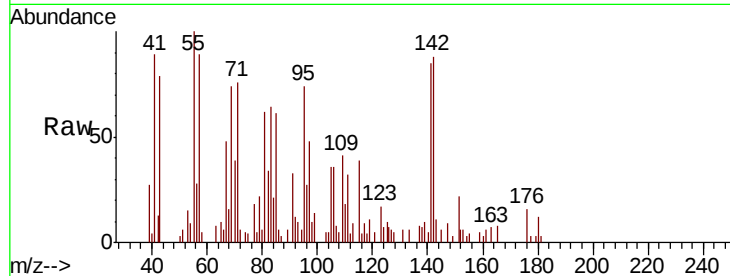




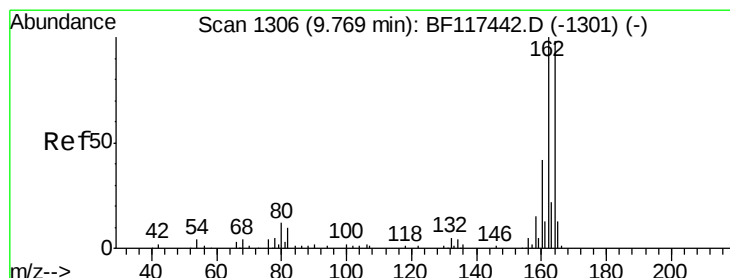
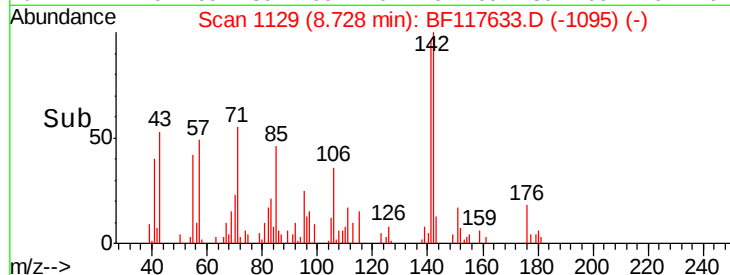
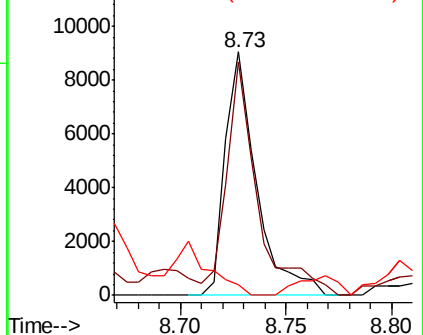
#38
 1-Methylnaphthalene
 Concen: 4.047 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.10 min
 Lab File: BF117633.D
 Acq: 30 Oct 2019 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 9280
 Ion Ratio Lower Upper
 142 100
 141 95.9 73.3 109.9
 116 4.5 3.1 4.7

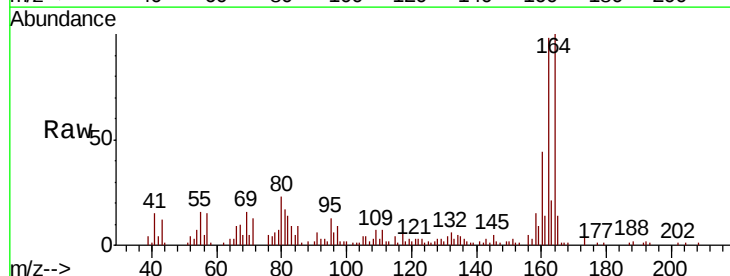


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

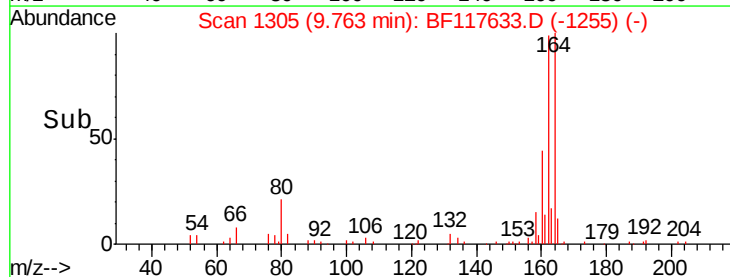
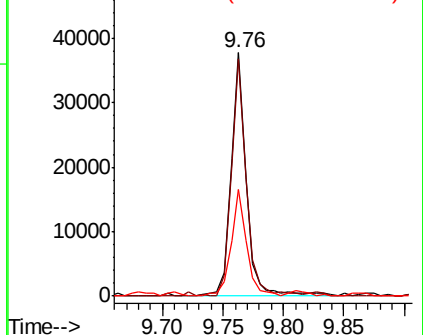


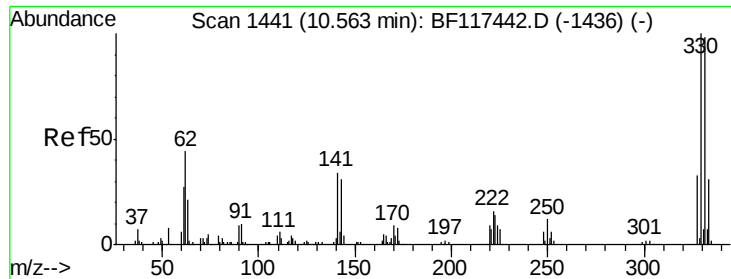
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117633.D
 Acq: 30 Oct 2019 19:06

Tgt Ion:164 Resp: 33225
 Ion Ratio Lower Upper
 164 100
 162 97.5 81.8 122.6
 160 43.6 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

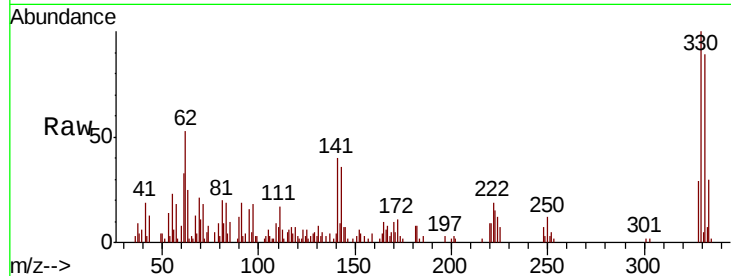




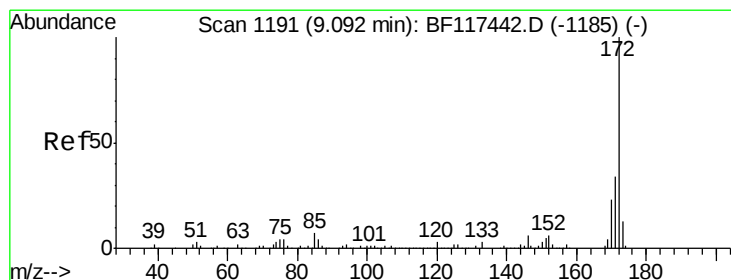
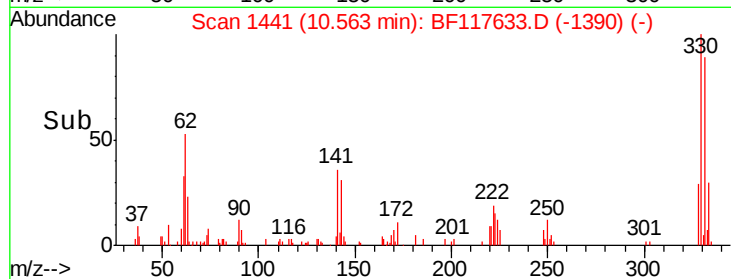
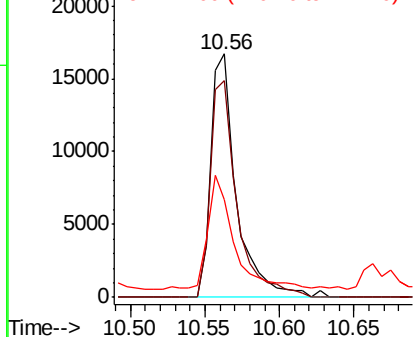
#42
 2,4,6-Tribromophenol
 Concen: 69.194 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF117633.D
 Acq: 30 Oct 2019 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 19892
 Ion Ratio Lower Upper
 330 100
 332 92.7 78.5 117.7
 141 47.1 37.0 55.6

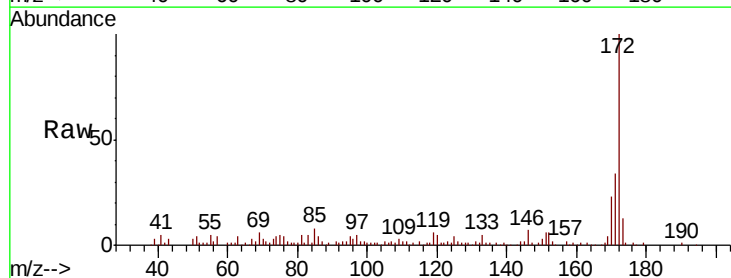


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

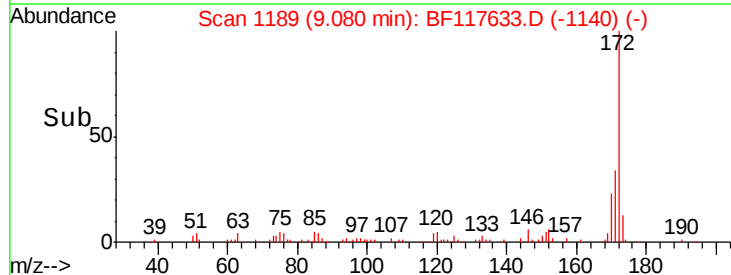
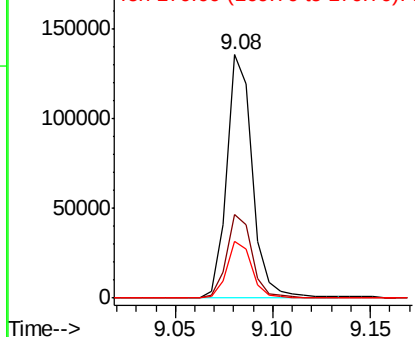


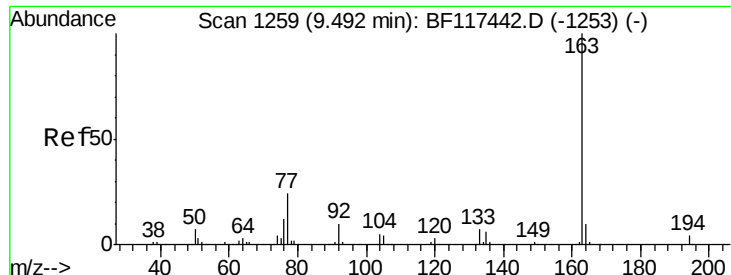
#45
 2-Fluorobiphenyl
 Concen: 52.361 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117633.D
 Acq: 30 Oct 2019 19:06

Tgt Ion:172 Resp: 123470
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.5 41.3
 170 23.2 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: 8.102 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF117633.D

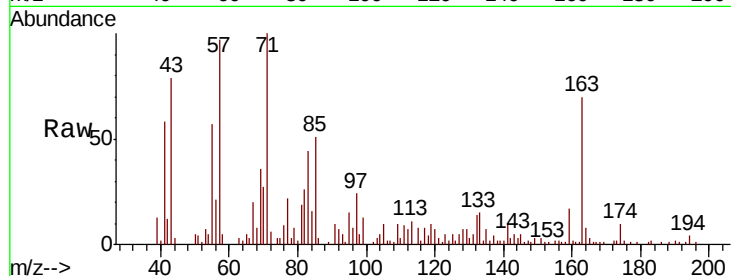
Acq: 30 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

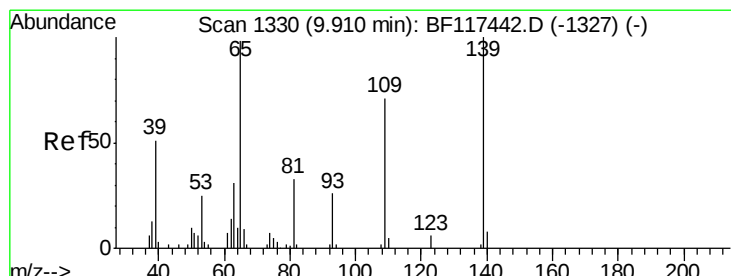
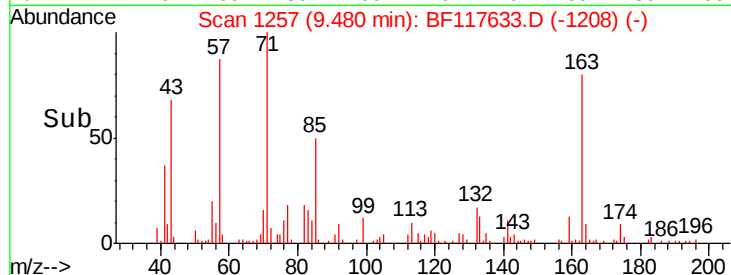
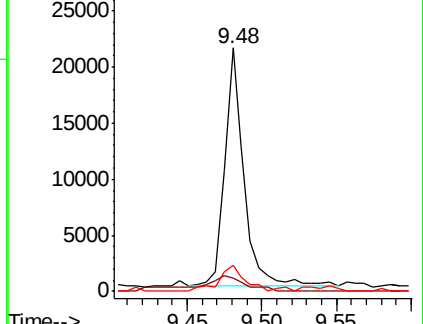
Tot Ion:163	Resp:	19190
Ion Ratio	Lower	Upper
163	100	
194	5.4	2.9 4.3#
164	10.8	8.2 12.2



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



#56

4-Nitrophenol

Concen: 4.821 ng

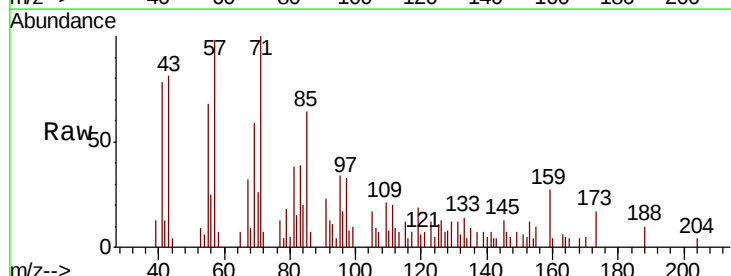
RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF117633.D

Acq: 30 Oct 2019 19:06

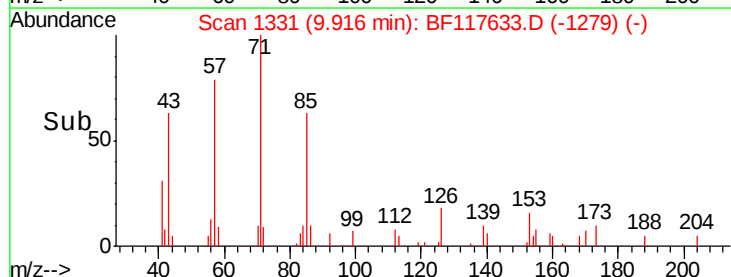
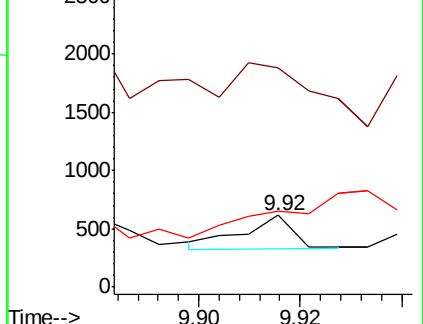
Tgt Ion:139	Resp:	201
Ion Ratio	Lower	Upper
139	100	
109	305.4	51.4 91.4#
65	104.9	79.4 119.4

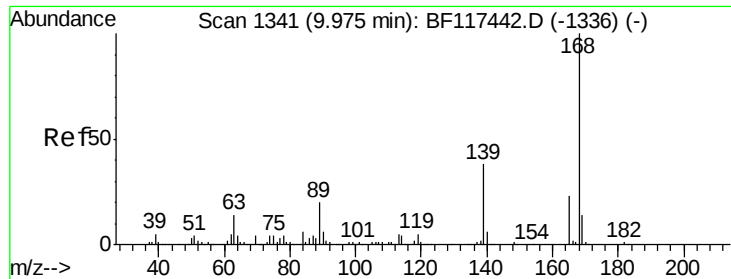


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

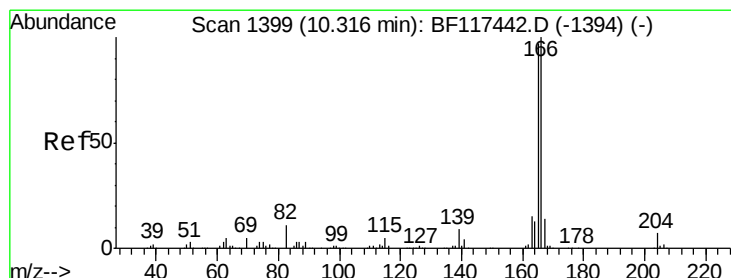
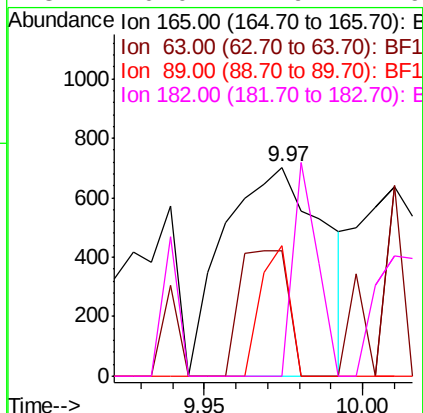
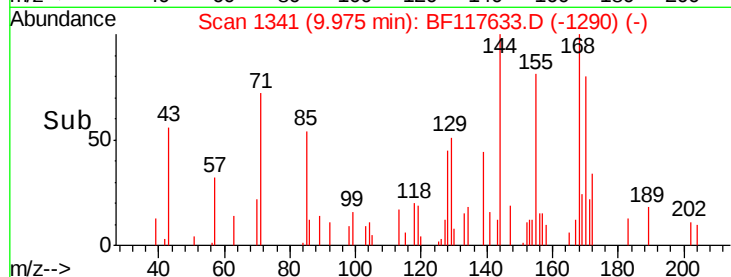
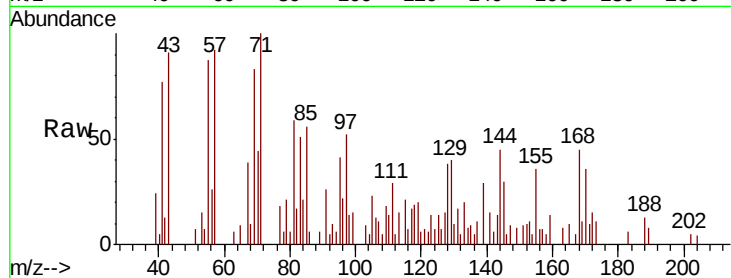




#57
2,4-Dinitrotoluene
Concen: 2.353 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

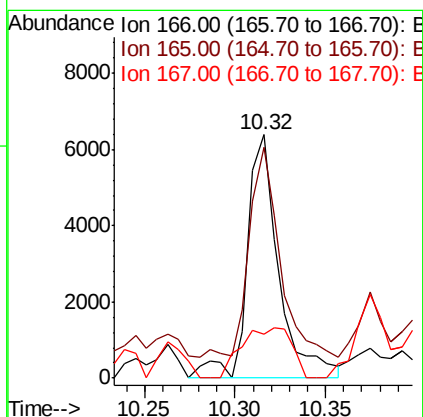
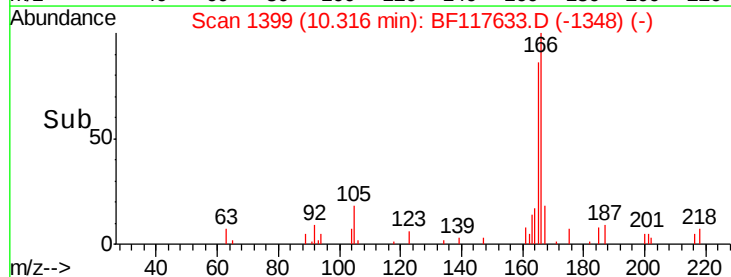
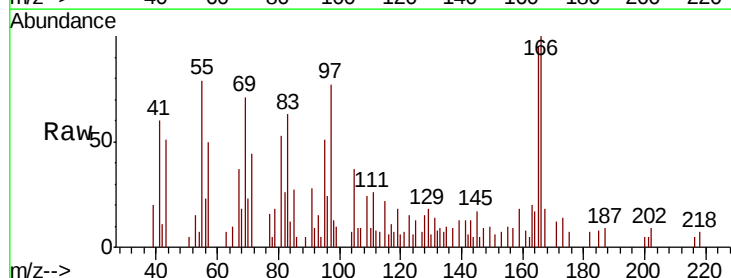
Instrument :
BNA_F
ClientSampled :

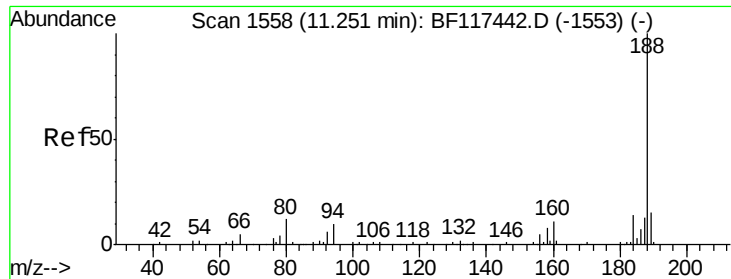
Tot Ion:165 Resp: 1546
Ion Ratio Lower Upper
165 100
63 60.0 51.4 77.0
89 62.5 69.9 104.9#
182 0.0 1.9 2.9#



#58
Fluorene
Concen: 3.486 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

Tgt Ion:166 Resp: 7806
Ion Ratio Lower Upper
166 100
165 94.8 77.6 116.4
167 18.3 11.0 16.4#

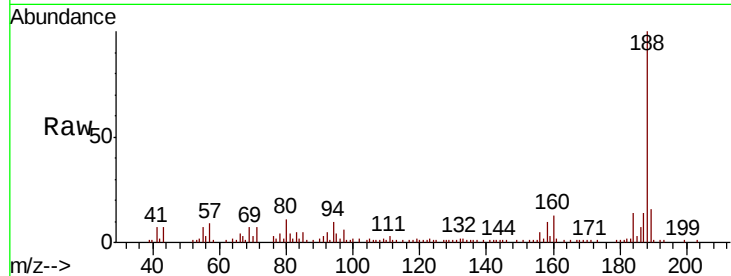




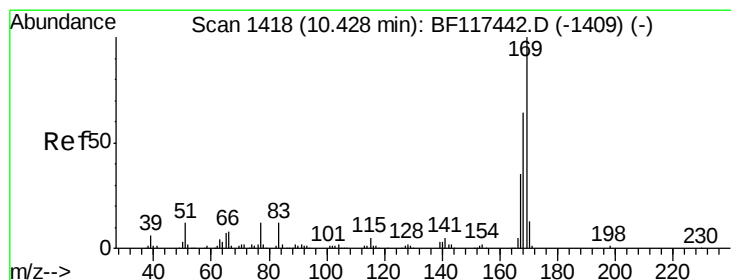
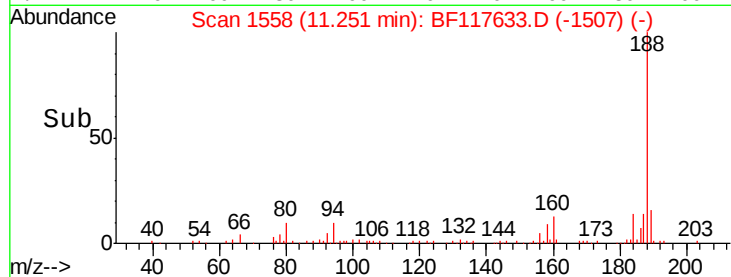
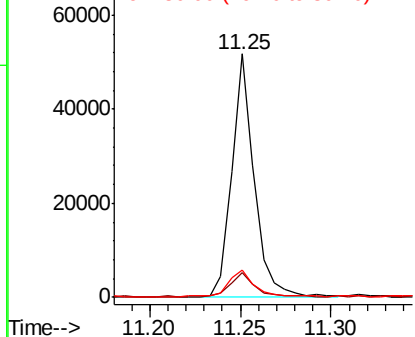
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF117633.D
 Acq: 30 Oct 2019 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 44659
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.0 12.0
 80 11.1 9.5 14.3

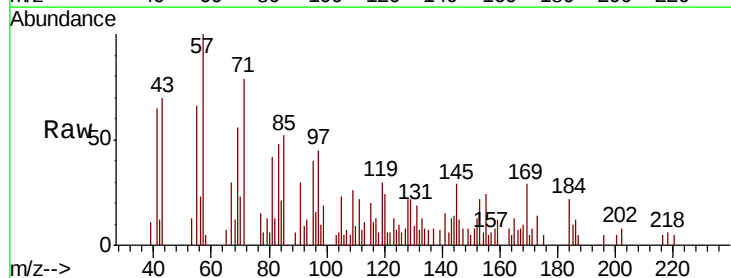


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

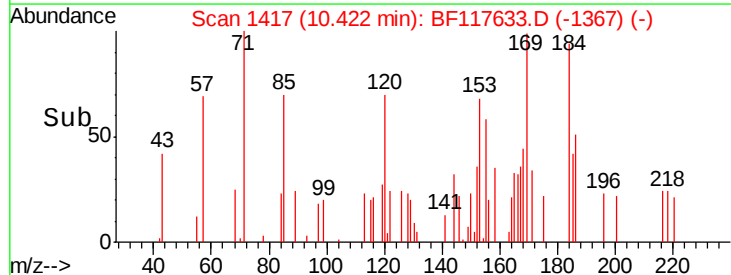
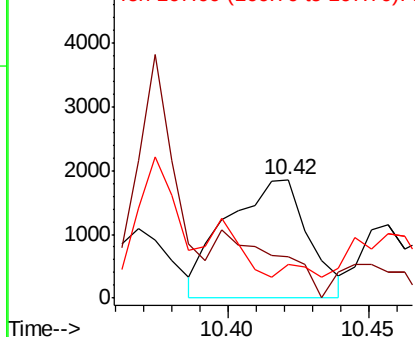


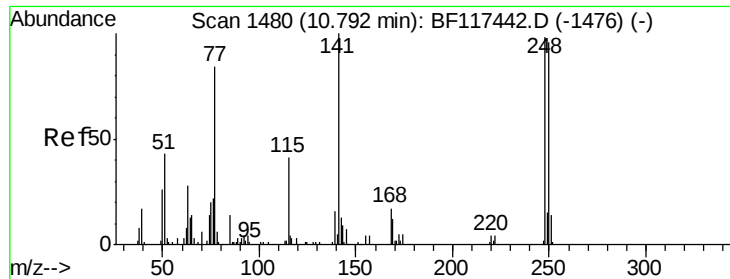
#66
 n-Nitrosodiphenylamine
 Concen: 2.296 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF117633.D
 Acq: 30 Oct 2019 19:06

Tgt Ion:169 Resp: 3748
 Ion Ratio Lower Upper
 169 100
 168 34.8 51.3 76.9#
 167 28.6 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

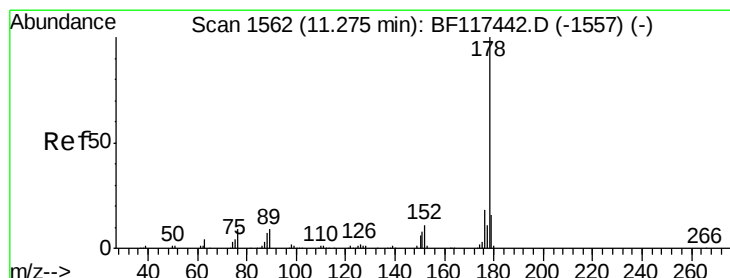
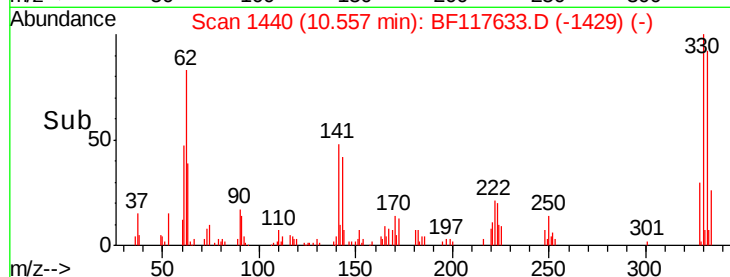
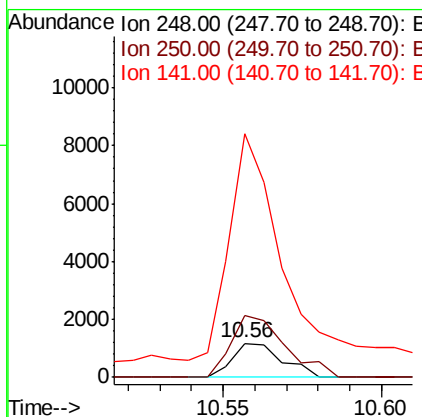
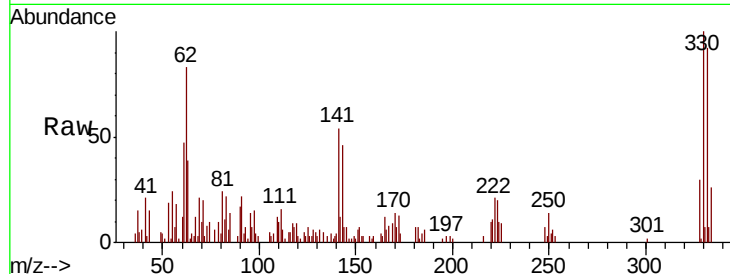




#67
 4-Bromophenyl-phenylether
 Concen: 2.636 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF117633.D
 Acq: 30 Oct 2019 19:06

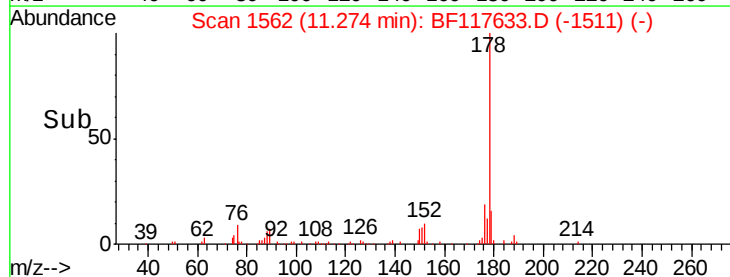
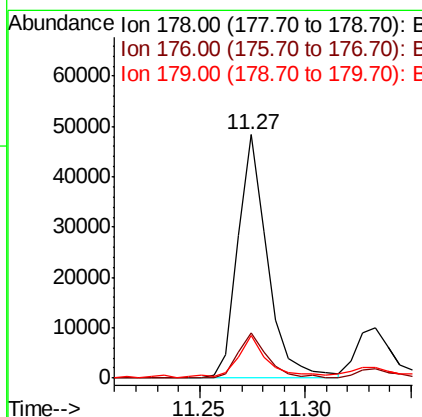
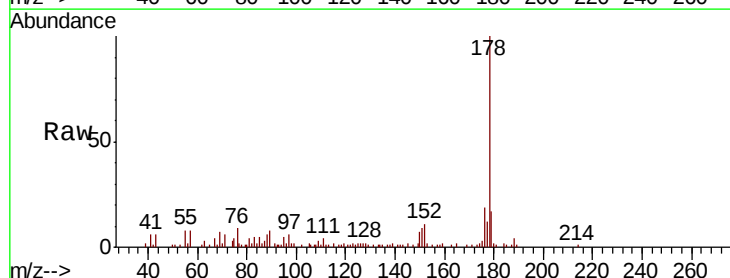
Instrument :
 BNA_F
 ClientSampled :

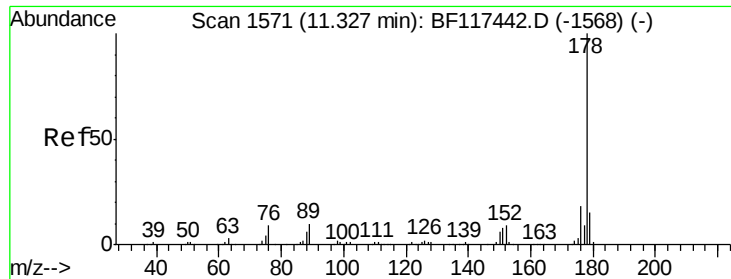
Tot Ion:248 Resp: 1268
 Ion Ratio Lower Upper
 248 100
 250 184.5 78.0 117.0#
 141 722.6 81.7 122.5#



#71
 Phenanthrene
 Concen: 18.007 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF117633.D
 Acq: 30 Oct 2019 19:06

Tgt Ion:178 Resp: 46695
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.6 22.0
 179 17.4 12.6 19.0





#72

Anthracene

Concen: 17.549 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.05 min

Lab File: BF117633.D

Acq: 30 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

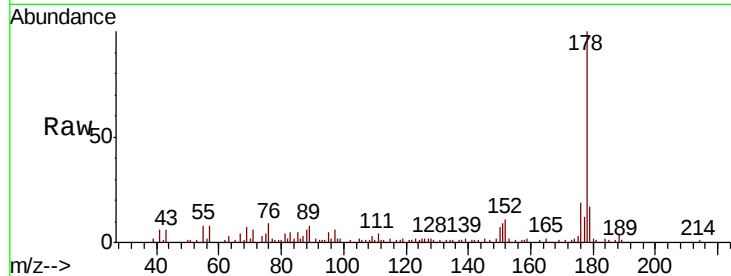
Tot Ion:178 Resp: 46695

Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

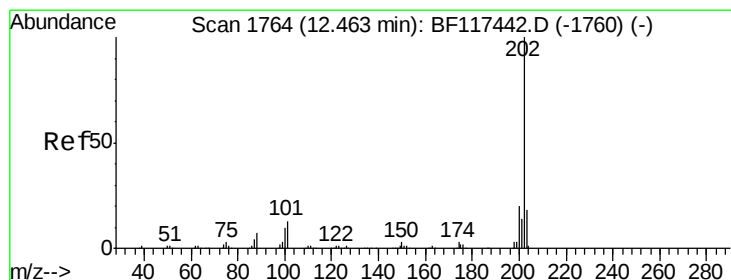
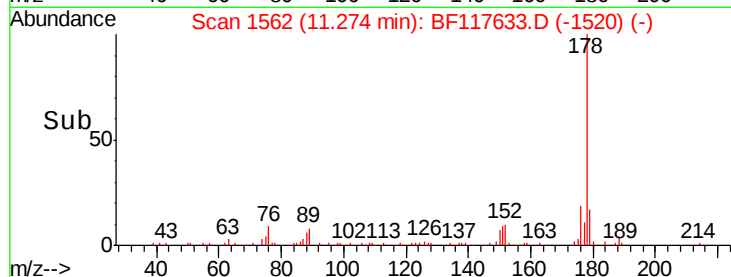
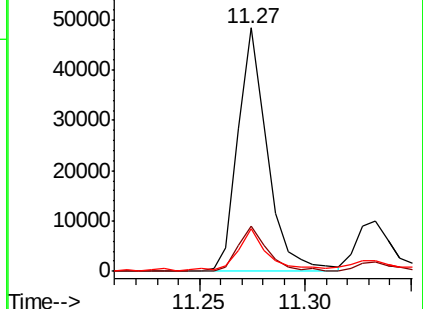
179 17.4 12.2 18.2



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: 23.113 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF117633.D

Acq: 30 Oct 2019 19:06

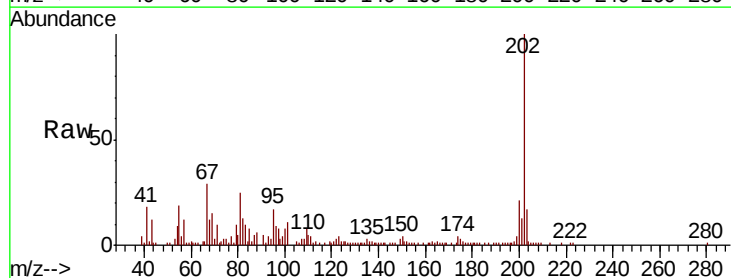
Tgt Ion:202 Resp: 60001

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.7

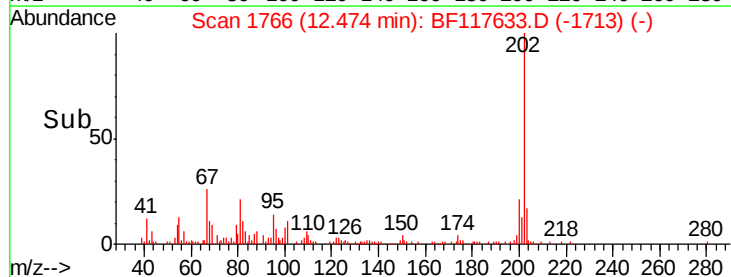
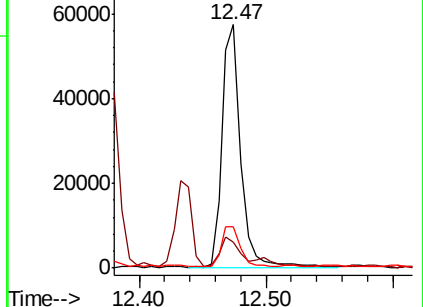
203 16.8 0.0 37.6

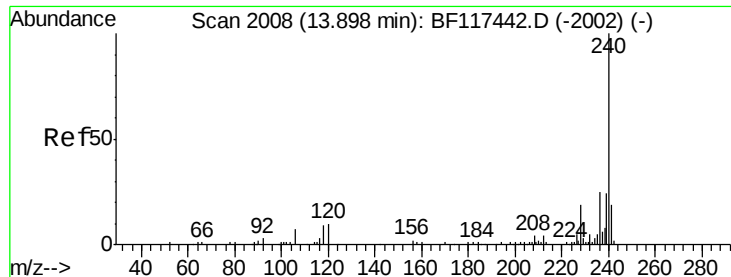


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117633.D

Acq: 30 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

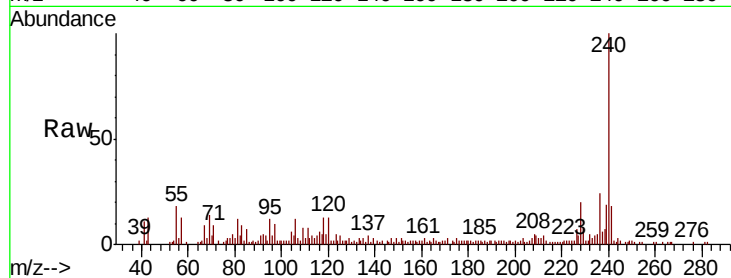
Tot Ion:240 Resp: 36622

Ion Ratio Lower Upper

240 100

120 13.0 8.4 12.6#

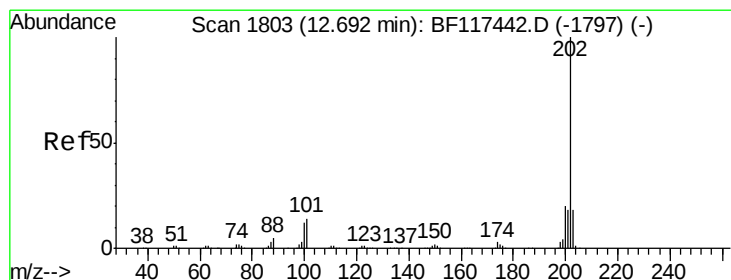
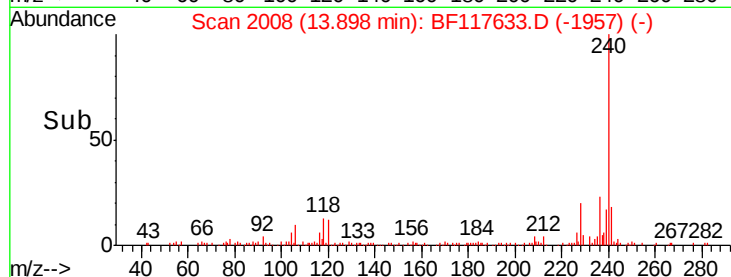
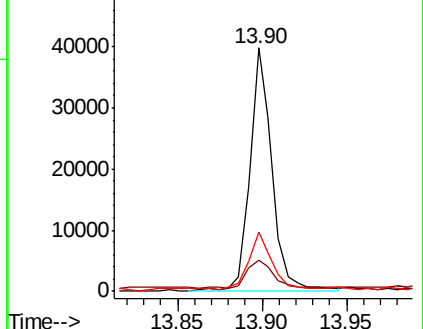
236 24.4 20.0 30.0



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: 15.466 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF117633.D

Acq: 30 Oct 2019 19:06

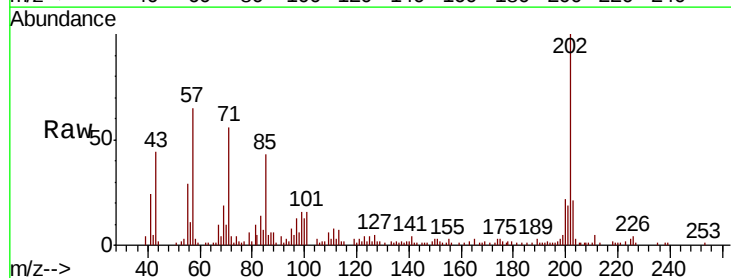
Tgt Ion:202 Resp: 48649

Ion Ratio Lower Upper

202 100

200 22.2 16.2 24.2

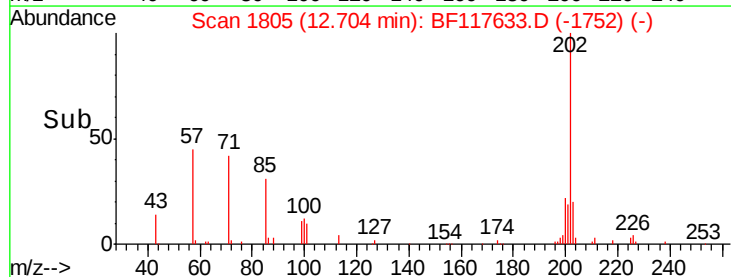
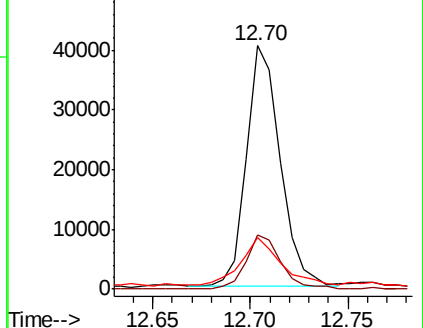
203 20.9 14.0 21.0

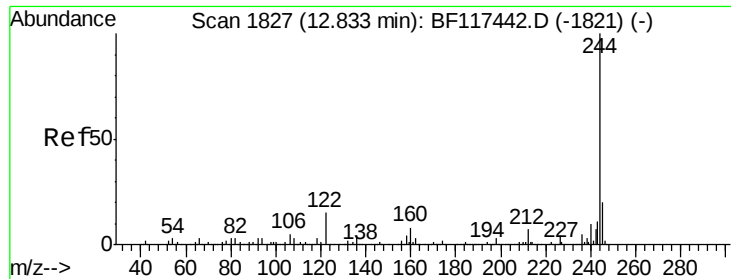


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

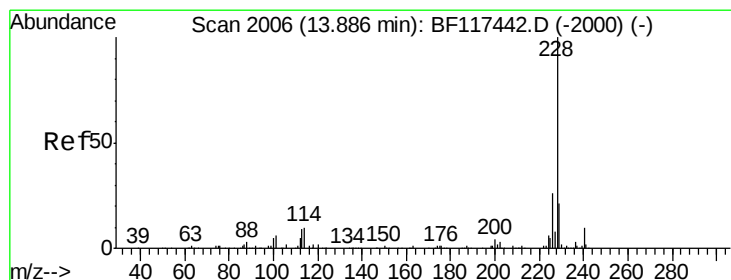
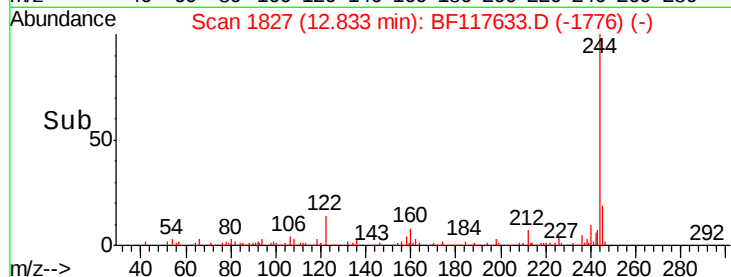
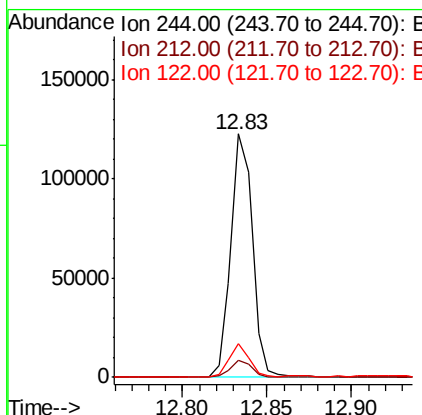
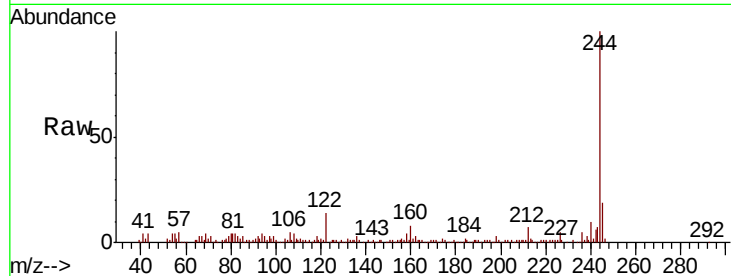




#79
 Terphenyl-d14
 Concen: 48.576 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117633.D
 Acq: 30 Oct 2019 19:06

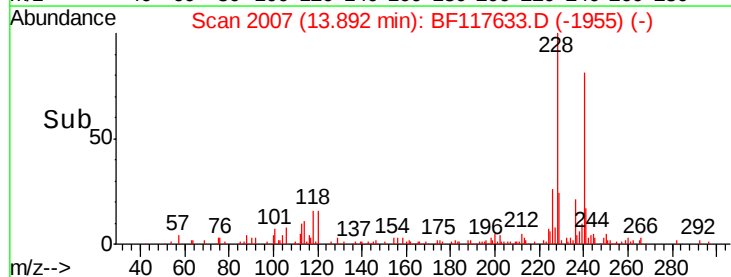
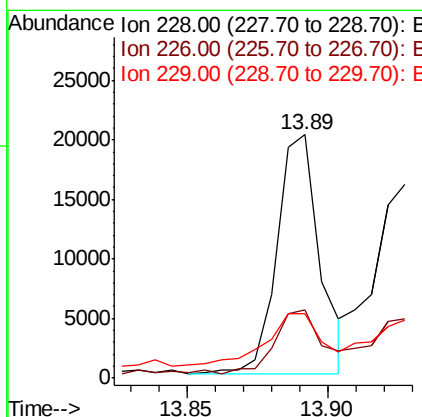
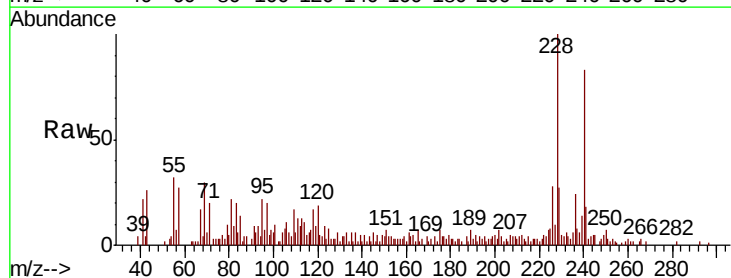
Instrument :
 BNA_F
 ClientSampleId :

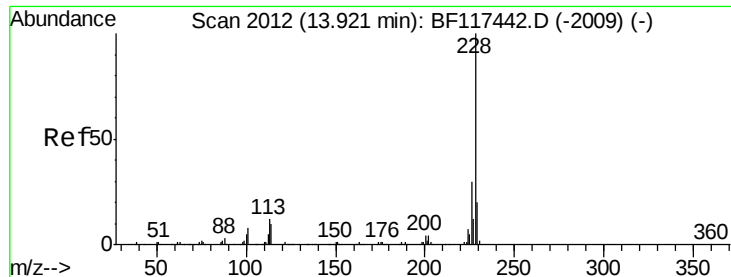
Tot Ion:244 Resp: 109064
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.9 11.8 17.8



#81
 Benzo(a)anthracene
 Concen: 8.574 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF117633.D
 Acq: 30 Oct 2019 19:06

Tgt Ion:228 Resp: 21181
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.0 31.4
 229 26.5 16.4 24.6#

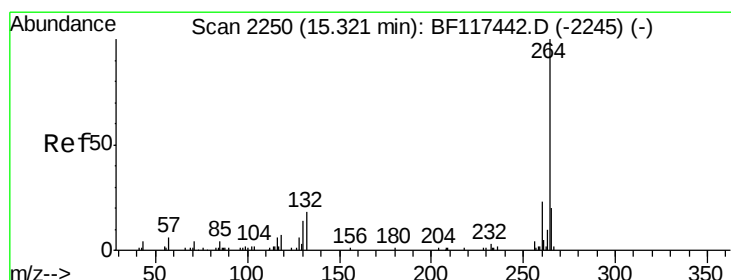
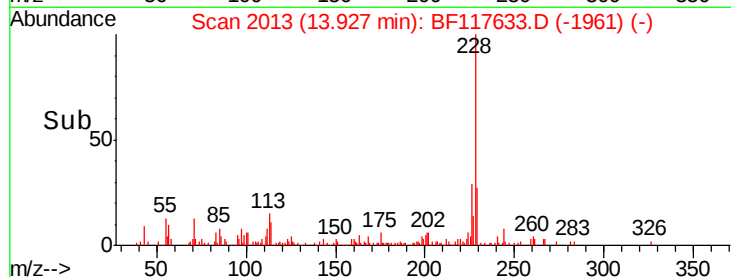
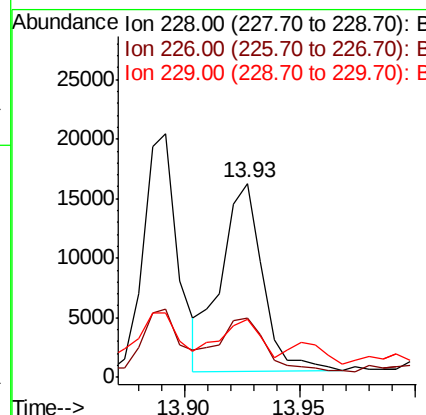
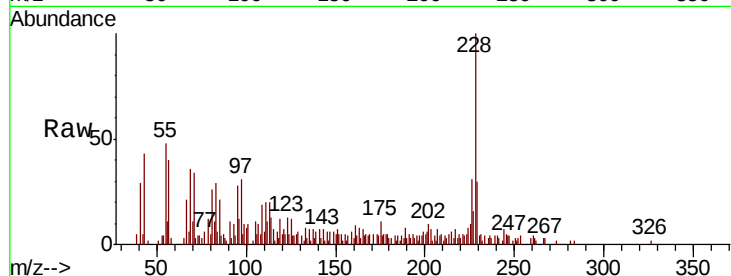




#83
Chrysene
Concen: 8.179 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

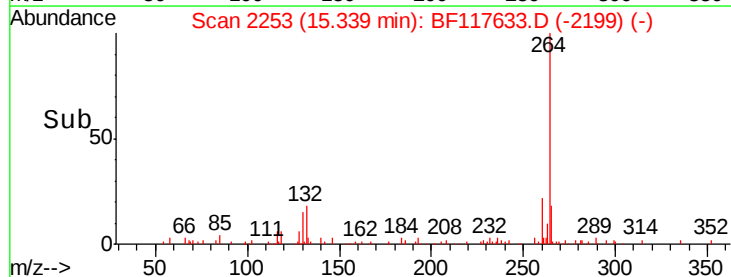
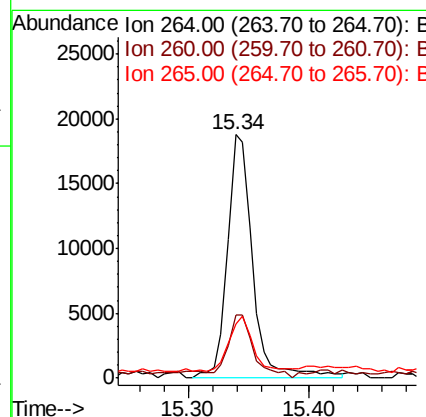
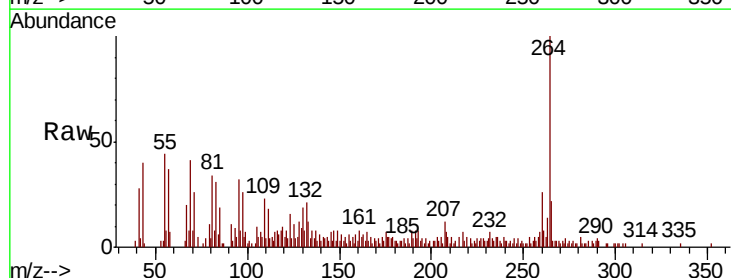
Instrument :
BNA_F
ClientSampleId :

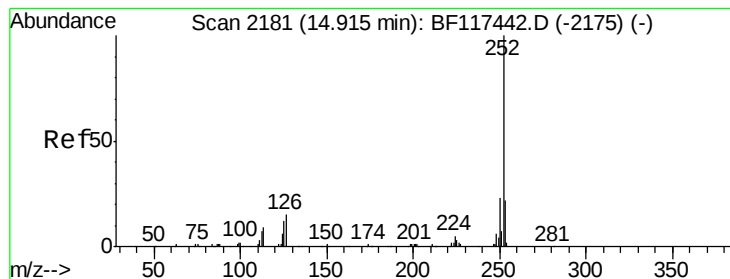
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	29.9	15.8	23.6



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.4	27.6
265	22.1	16.1	24.1





#88

Benzo(b)fluoranthene

Concen: 13.392 ng

RT: 14.93 min Scan# 2184

Delta R.T. 0.02 min

Lab File: BF117633.D

Acq: 30 Oct 2019 19:06

Instrument :

BNA_F

ClientSampleId :

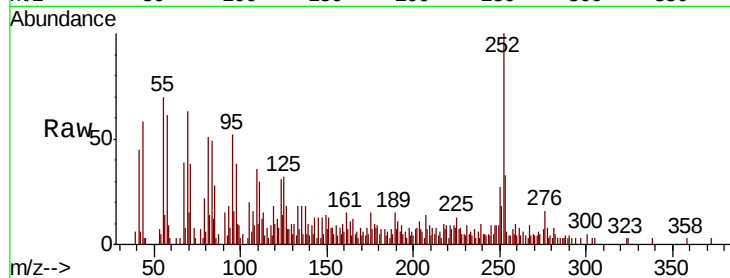
Tot Ion:252 Resp: 21687

Ion Ratio Lower Upper

252 100

253 33.1 17.8 26.6#

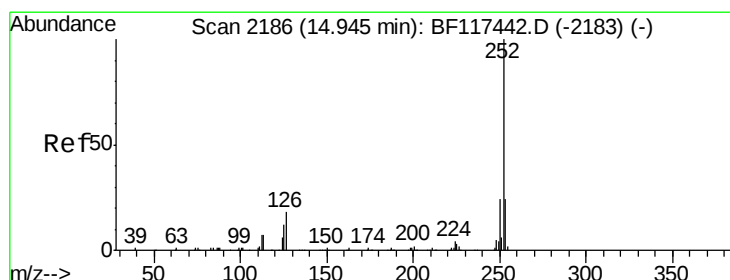
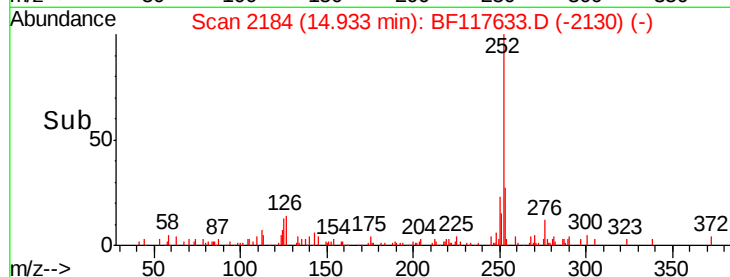
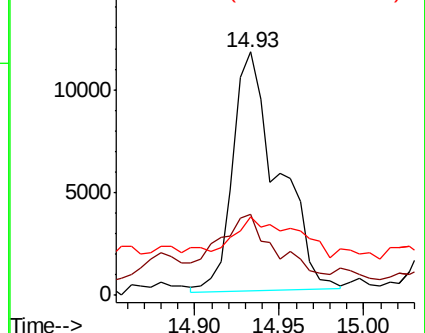
125 32.0 9.9 14.9#



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: 13.066 ng

RT: 14.93 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BF117633.D

Acq: 30 Oct 2019 19:06

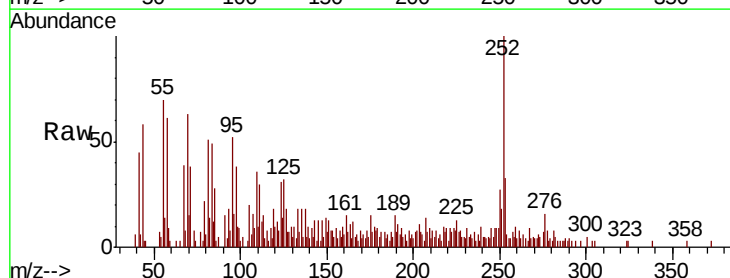
Tgt Ion:252 Resp: 21687

Ion Ratio Lower Upper

252 100

253 33.1 18.0 27.0#

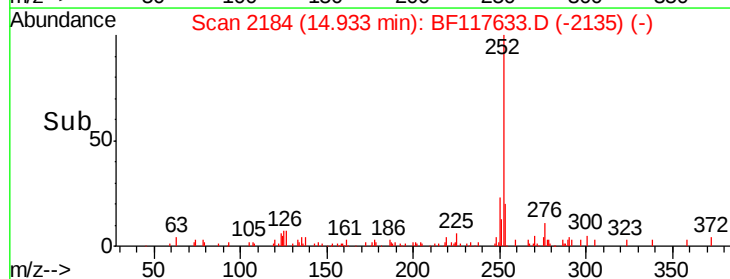
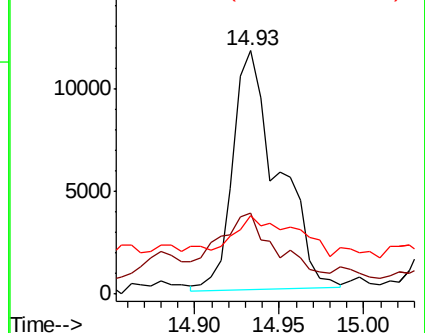
125 32.0 8.9 13.3#

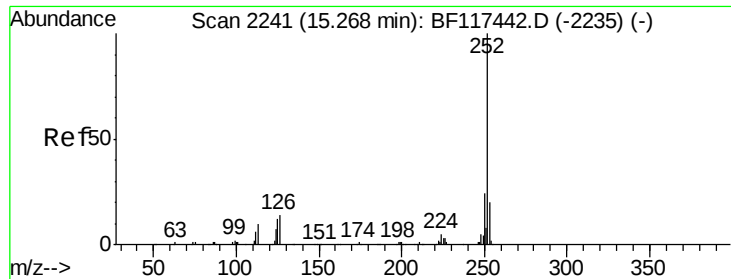


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

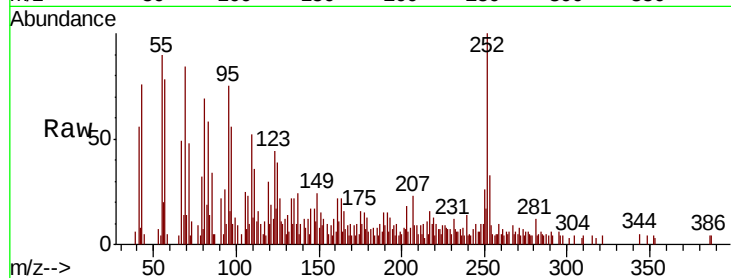




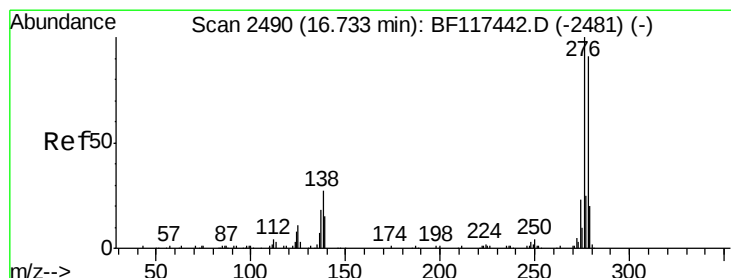
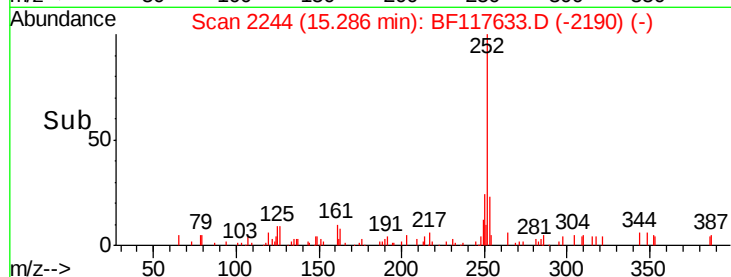
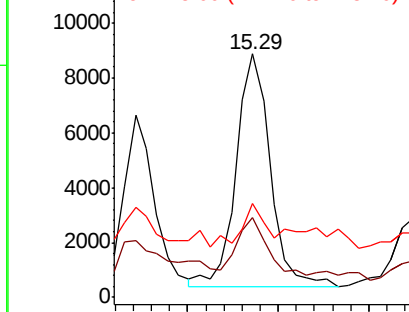
#90
Benzo(a)pyrene
Concen: 7.507 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.02 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 11053
Ion Ratio Lower Upper
252 100
253 32.6 16.3 24.5#
125 38.6 9.2 13.8#

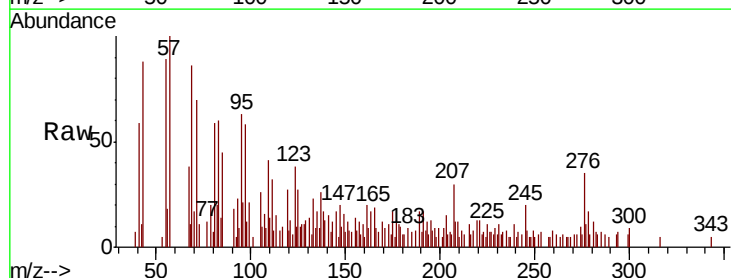


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

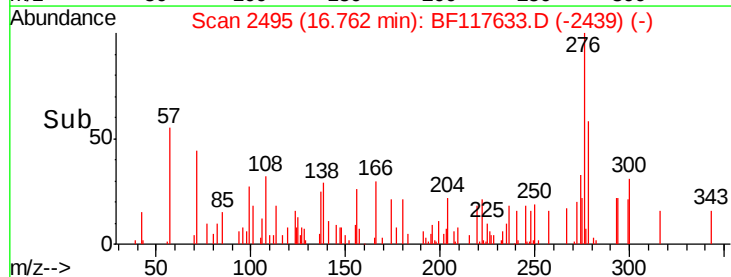
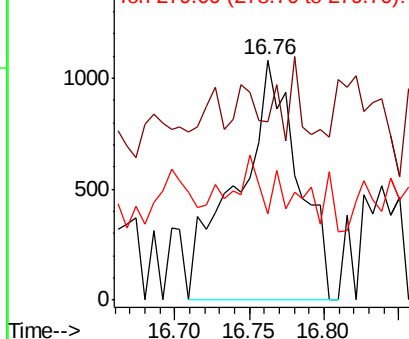


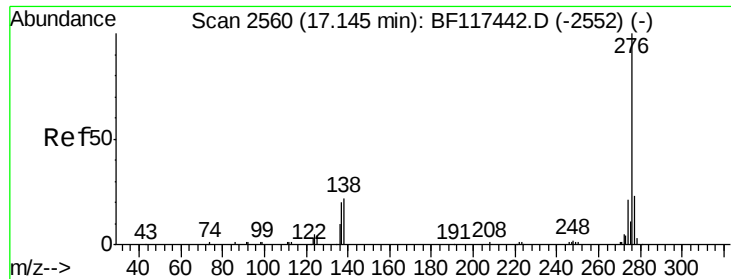
#91
Dibenzo(a,h)anthracene
Concen: 2.380 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.03 min
Lab File: BF117633.D
Acq: 30 Oct 2019 19:06

Tgt Ion:278 Resp: 3030
Ion Ratio Lower Upper
278 100
139 74.3 13.4 20.0#
279 36.2 17.8 26.6#



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

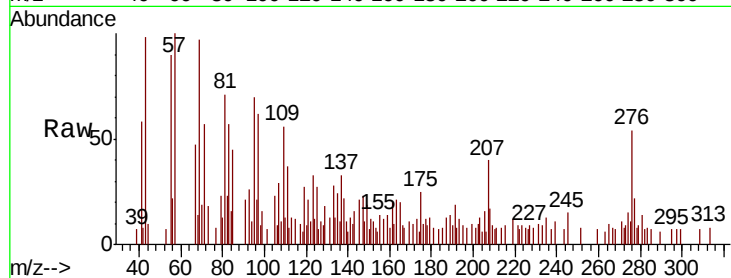




#92
 Benzo(a,h,i)perylene
 Concen: 5.403 ng
 RT: 17.21 min Scan# 2571
 Delta R.T. 0.06 min
 Lab File: BF117633.D
 Acq: 30 Oct 2019 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	41.5	18.4	27.6#
138	41.6	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

