

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113112.D
 Acq On : 19 Mar 2019 1:51
 Operator : JU/SJ
 Sample : K1921-01DL 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 282-346DL

Quant Time: Mar 19 06:46:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	78279	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	255124	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	90352	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	166499	20.00	ng	0.00
76) Chrysene-d12	13.87	240	157993	20.00	ng	0.00
87) Perylene-d12	15.28	264	111948	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	586741	116.60	ng	0.00
7) Phenol-d6	6.37	99	716284	113.31	ng	0.00
23) Nitrobenzene-d5	7.29	82	434041	101.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	145438	151.62	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	627249	135.98	ng	0.00
79) Terphenyl-d14	12.82	244	594326	72.92	ng	0.00

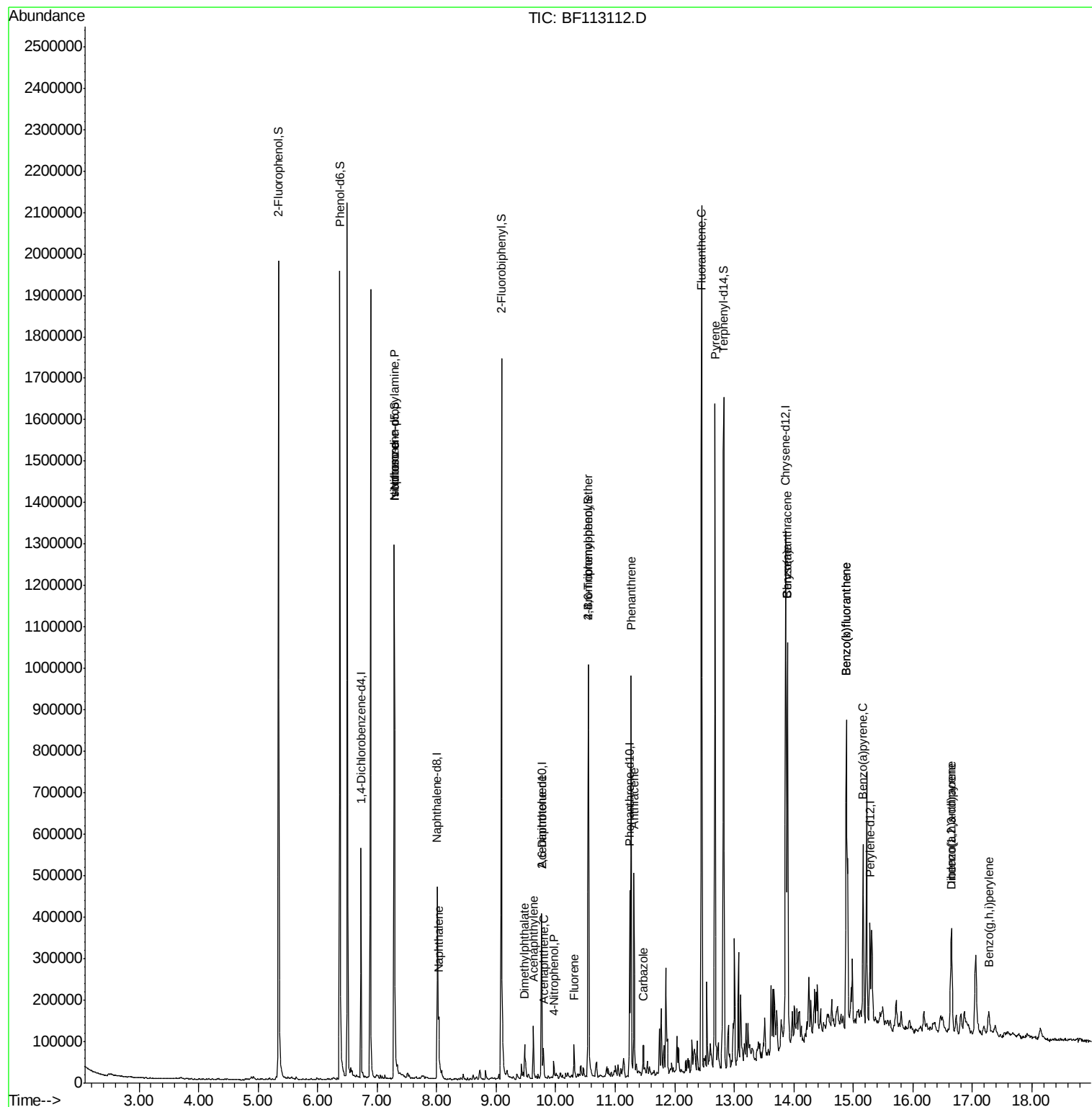
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.29	70	55587	13.884	ng	# 77
25) Isophorone	7.29	82	434036	47.254	ng	# 66
31) Naphthalene	8.03	128	64841	5.119	ng	99
49) Acenaphthylene	9.62	152	59128	6.053	ng	98
50) Dimethylphthalate	9.48	163	37175	5.580	ng	# 96
51) 2,6-Dinitrotoluene	9.76	165	12348	8.901	ng	# 17
52) Acenaphthene	9.79	154	15540	2.720	ng	95
56) 4-Nitrophenol	9.97	139	5844	4.254	ng	# 6
58) Fluorene	10.30	166	27796	4.717	ng	99
67) 4-Bromophenyl-phenylether	10.55	248	7735	4.411	ng	# 1
71) Phenanthrene	11.26	178	344767	41.619	ng	97
72) Anthracene	11.32	178	206969	23.868	ng	97
73) Carbazole	11.47	167	35594	4.208	ng	98
75) Fluoranthene	12.45	202	820020	92.393	ng	96
78) Pyrene	12.67	202	713991	53.606	ng	99
81) Benzo(a)anthracene	13.89	228	384230	35.089	ng	96
83) Chrysene	13.89	228	384230	35.823	ng	98
86) Indeno(1,2,3-cd)pyrene	16.64	276	171437	18.748	ng	# 89
88) Benzo(b)fluoranthene	14.88	252	548069	75.688	ng	98
89) Benzo(k)fluoranthene	14.88	252	548069	83.560	ng	98
90) Benzo(a)pyrene	15.16	252	189684	29.616	ng	100
91) Dibenzo(a,h)anthracene	16.66	278	48711	8.913	ng	94
92) Benzo(g,h,i)perylene	17.27	276	41639	7.587	ng	93

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

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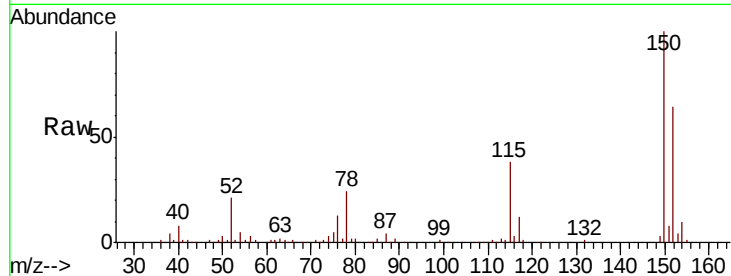


#1

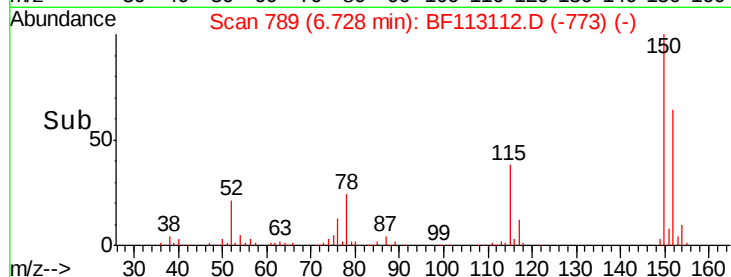
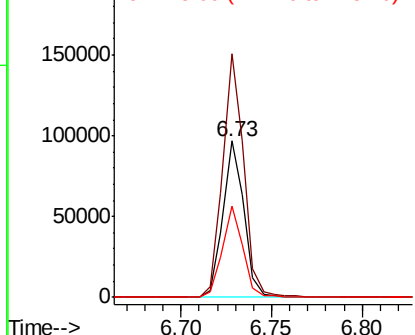
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113112.D
 Acq: 19 Mar 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :
 282-346DL

Tgt Ion:152 Resp: 78279
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.2 186.2
 115 58.8 48.2 72.4



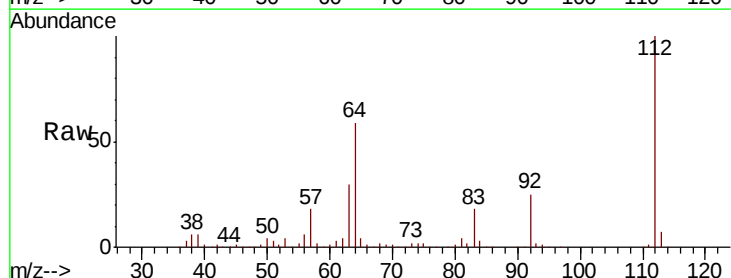
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



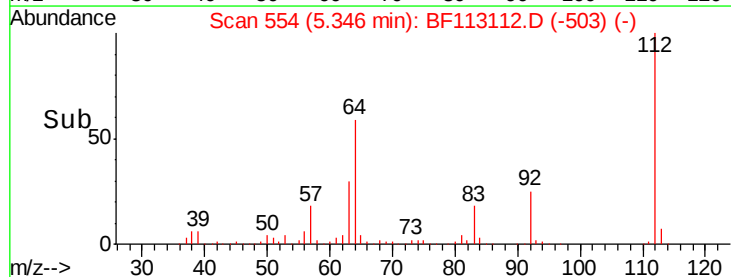
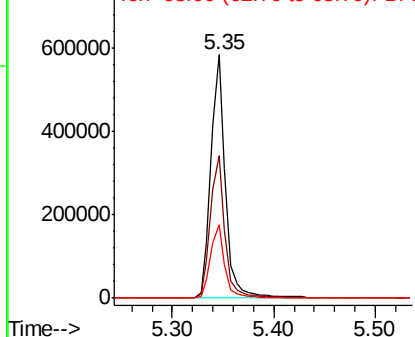
#5

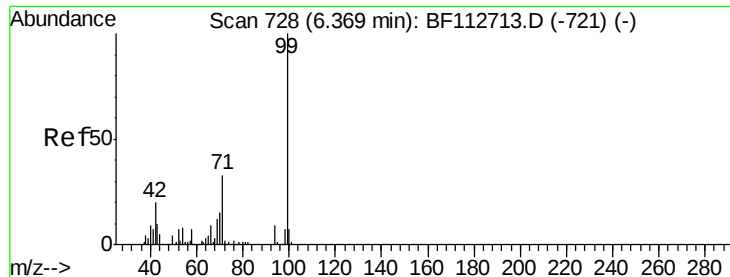
2-Fluorophenol
 Concen: 116.596 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF113112.D
 Acq: 19 Mar 2019 1:51

Tgt Ion:112 Resp: 586741
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.6 71.4
 63 30.1 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 113.312 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

Instrument :

BNA_F

ClientSampleId :

282-346DL

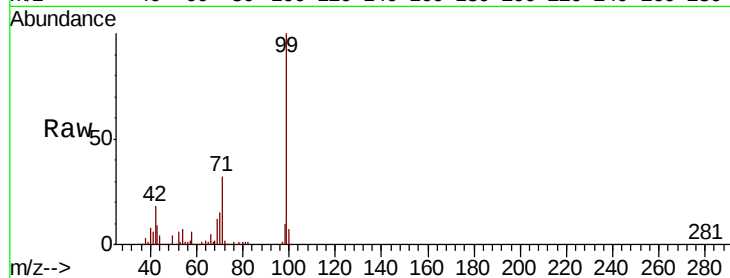
Tgt Ion: 99 Resp: 716284

Ion Ratio Lower Upper

99 100

42 17.7 16.3 24.5

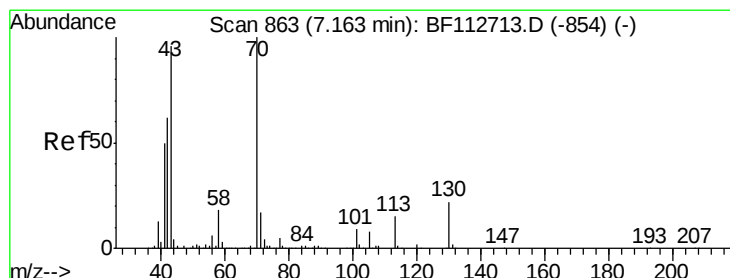
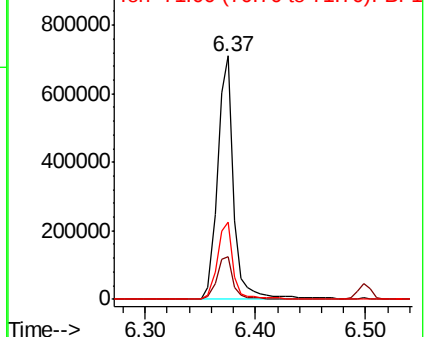
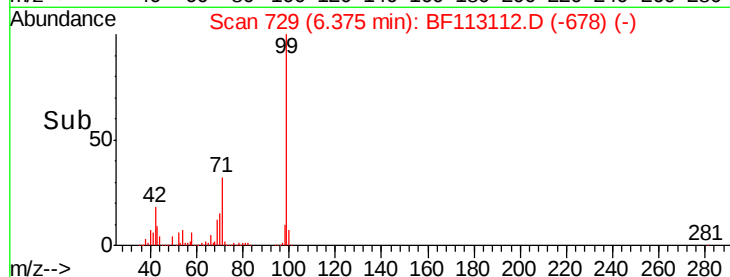
71 31.6 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.884 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

Tgt Ion: 70 Resp: 55587

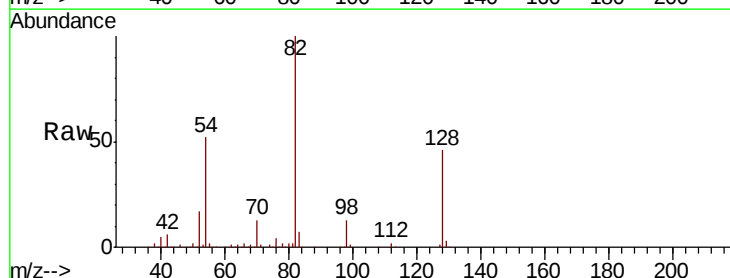
Ion Ratio Lower Upper

70 100

42 49.4 49.9 74.9#

101 0.0 7.4 11.2#

130 2.6 17.4 26.2#

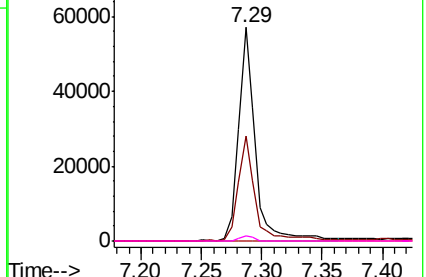
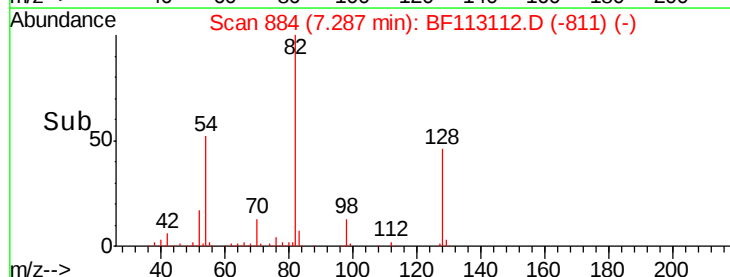


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

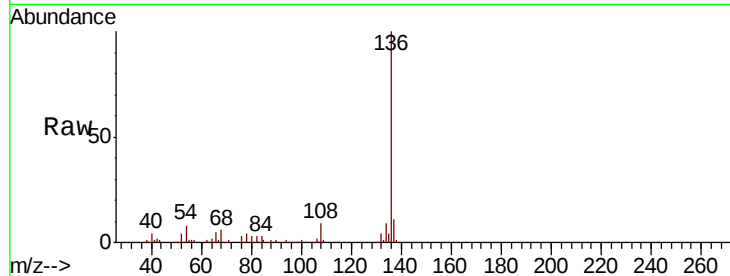




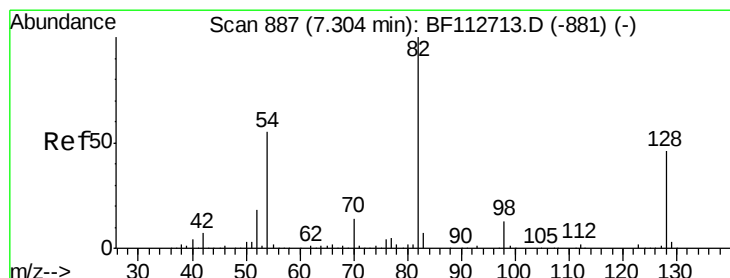
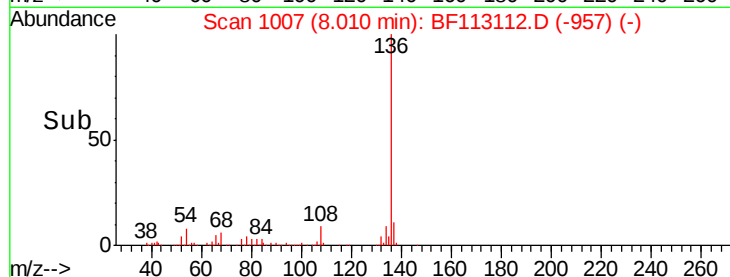
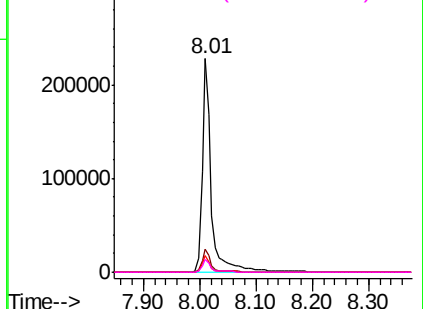
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113112.D
Acq: 19 Mar 2019 1:51

Instrument :
BNA_F
ClientSampleId :
282-346DL

Tgt Ion:	136	Resp:	255124
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.9	7.3	10.9
68	5.9	5.4	8.2

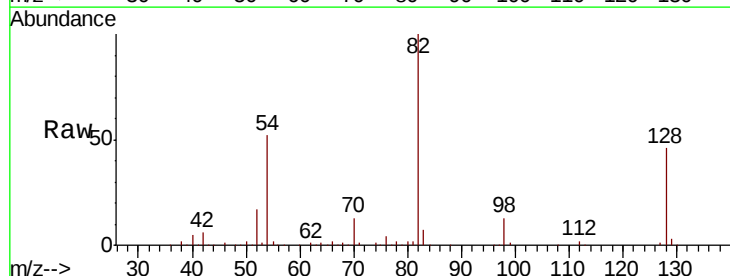


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

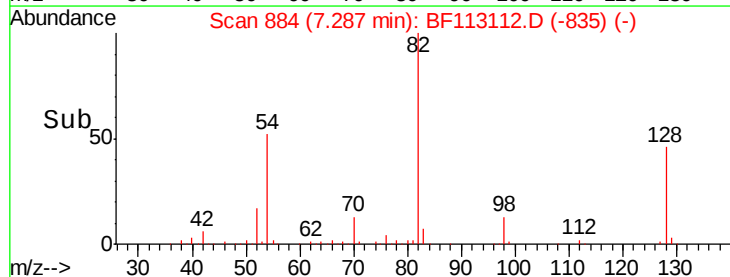
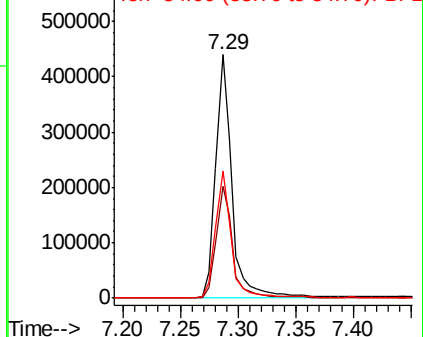


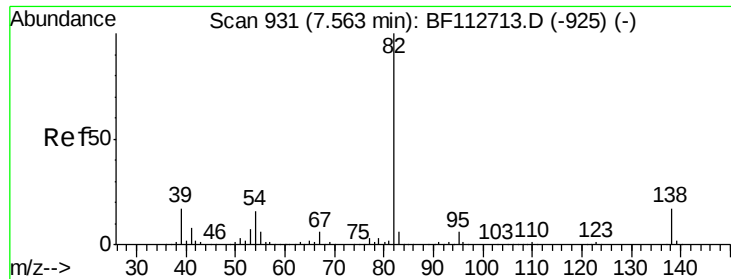
#23
Nitrobenzene-d5
Concen: 101.802 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113112.D
Acq: 19 Mar 2019 1:51

Tgt Ion:	82	Resp:	434041
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.3	54.5
54	52.5	43.7	65.5



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: 47.254 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

Instrument :

BNA_F

ClientSampleId :

282-346DL

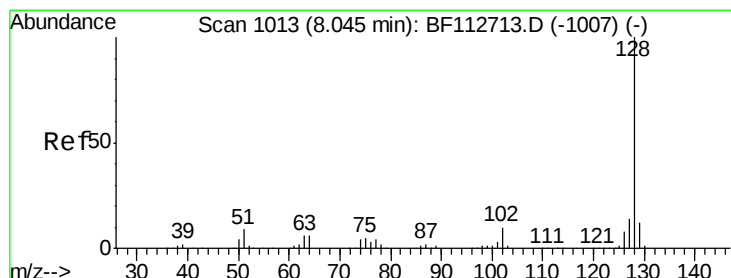
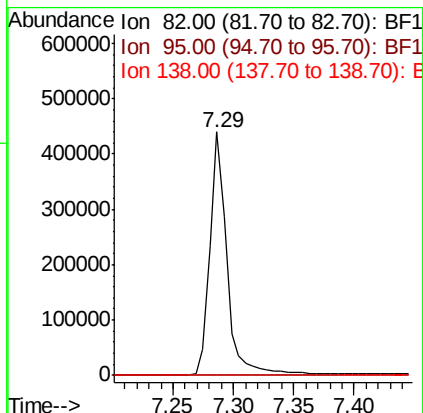
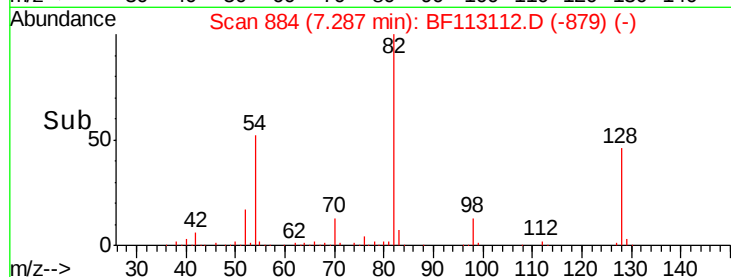
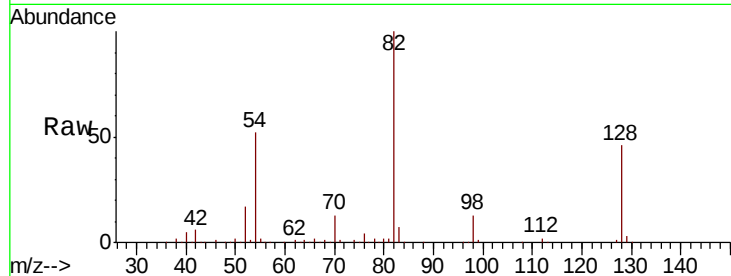
Tgt Ion: 82 Resp: 434036

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



#31

Naphthalene

Concen: 5.119 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

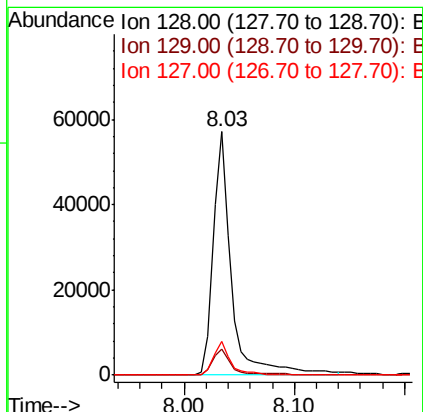
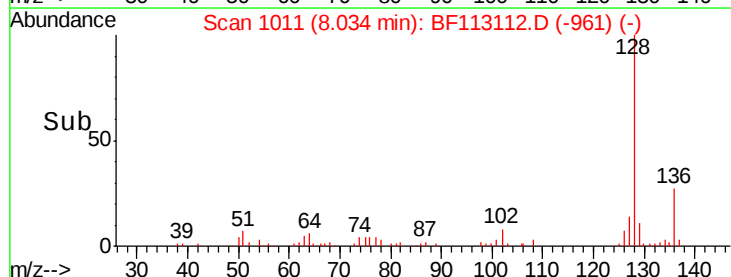
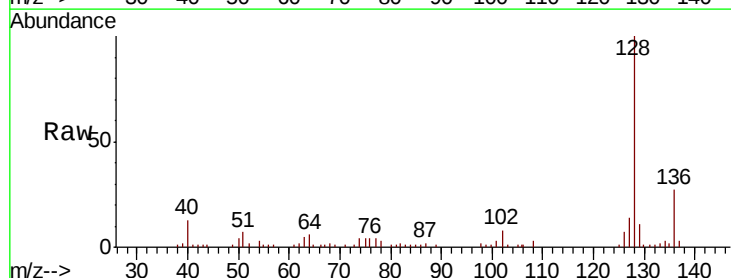
Tgt Ion: 128 Resp: 64841

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

127 13.6 10.9 16.3

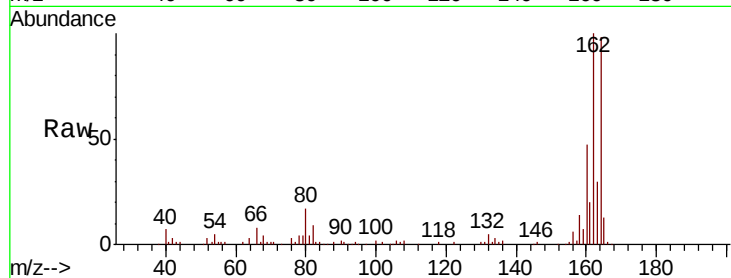




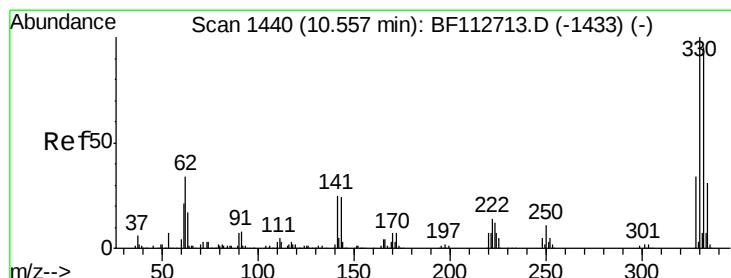
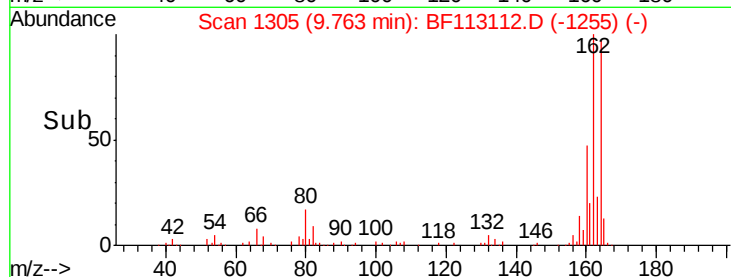
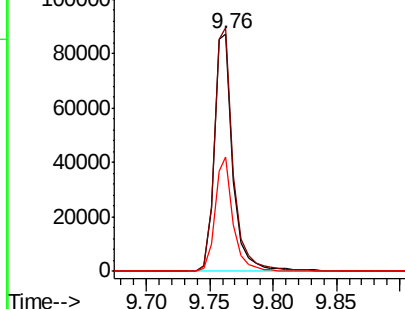
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113112.D
Acq: 19 Mar 2019 1:51

Instrument :
BNA_F
ClientSampleId :
282-346DL

Tgt Ion:164 Resp: 90352
Ion Ratio Lower Upper
164 100
162 102.6 80.6 120.8
160 48.3 36.0 54.0

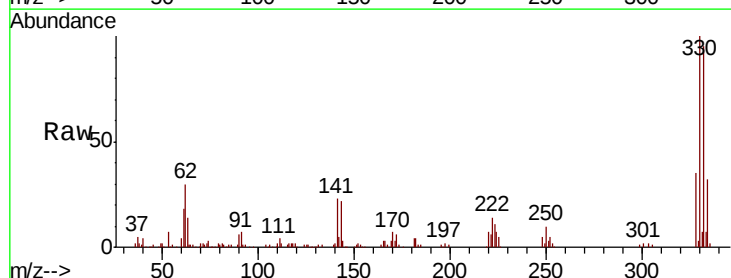


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

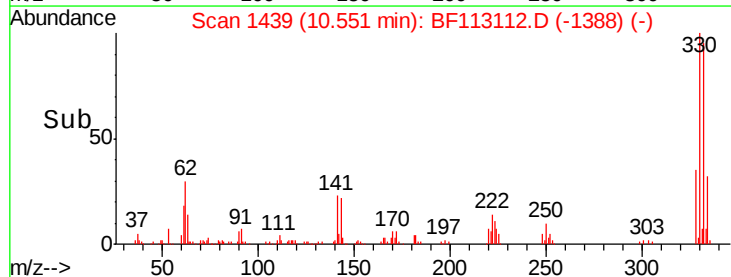
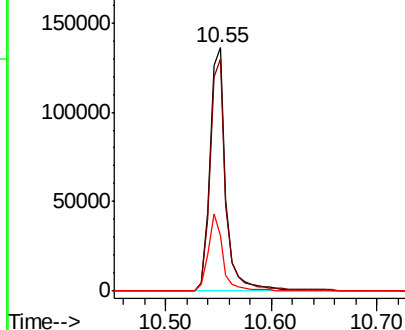


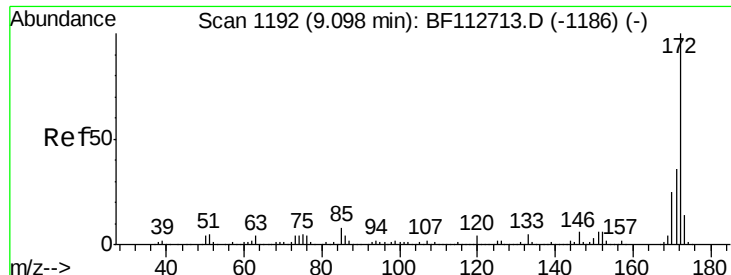
#42
2,4,6-Tribromophenol
Concen: 151.624 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF113112.D
Acq: 19 Mar 2019 1:51

Tgt Ion:330 Resp: 145438
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 29.1 27.0 40.6



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

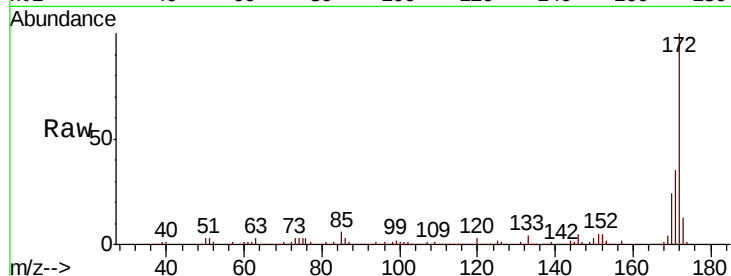




#45
 2-Fluorobiphenyl
 Concen: 135.983 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113112.D
 Acq: 19 Mar 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :
 282-346DL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.4
170	23.5	20.0	30.0

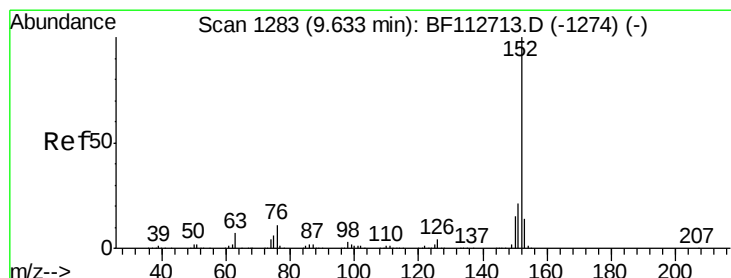
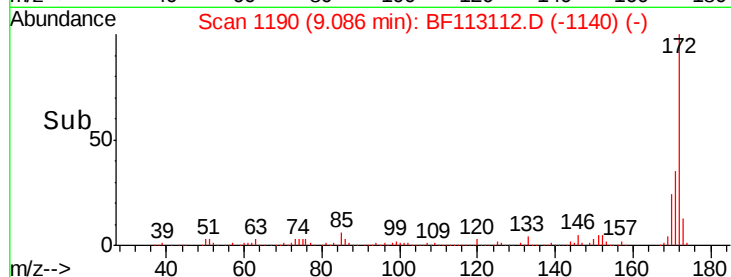
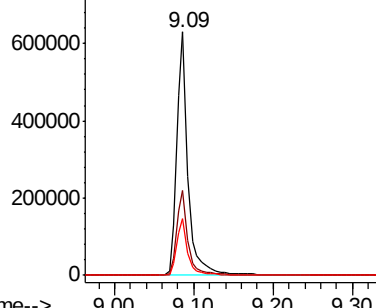


Abundance

Ion 172.00 (171.70 to 172.70): E

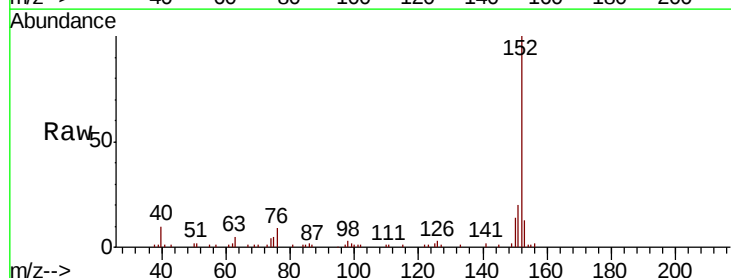
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
 Acenaphthylene
 Concen: 6.053 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF113112.D
 Acq: 19 Mar 2019 1:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.9	25.3
153	13.3	11.0	16.6

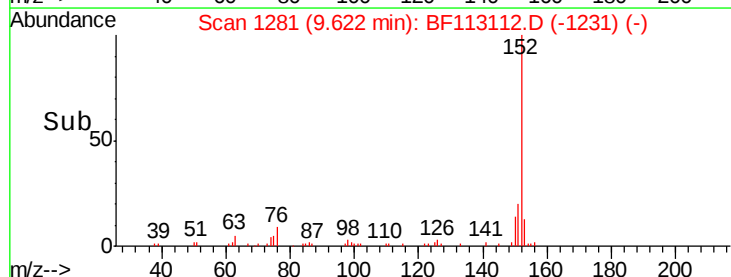
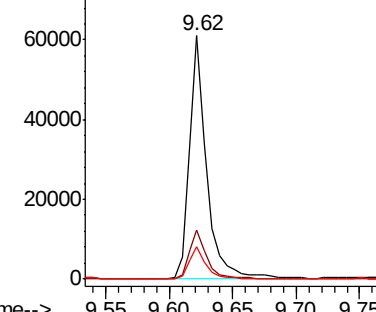


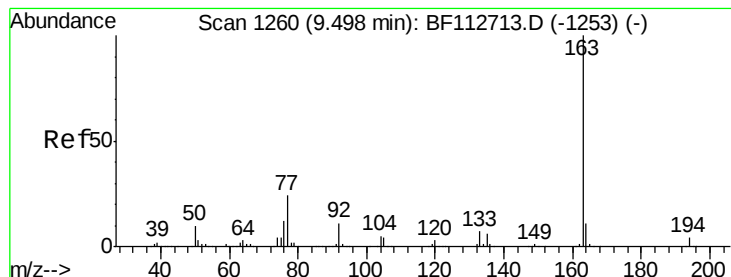
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 5.580 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

Instrument :

BNA_F

ClientSampleId :

282-346DL

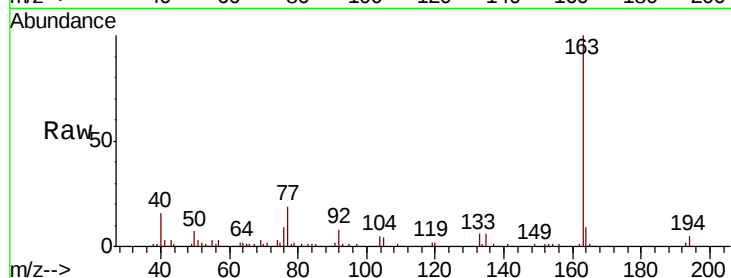
Tgt Ion:163 Resp: 37175

Ion Ratio Lower Upper

163 100

194 5.0 3.0 4.4#

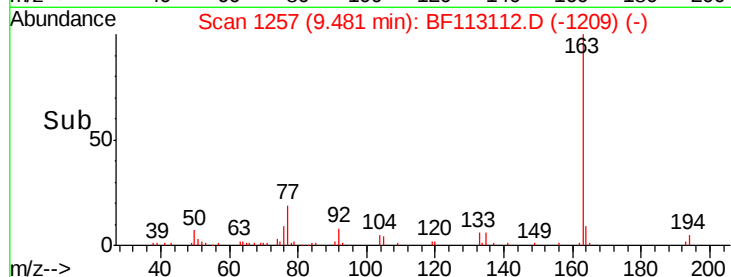
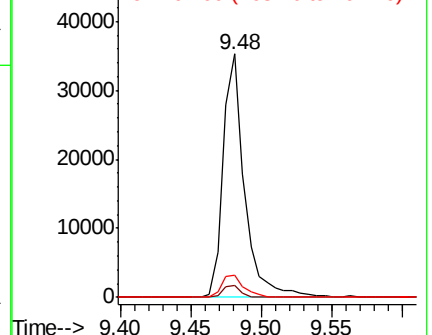
164 8.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.901 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.21 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

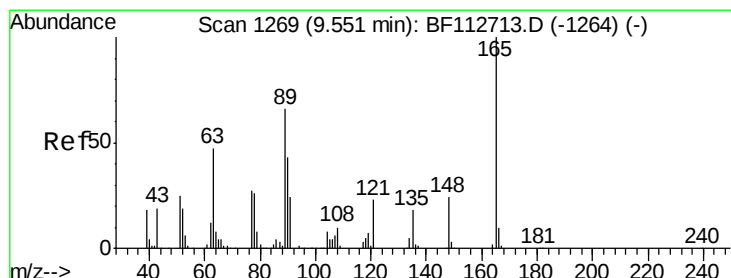
Tgt Ion:165 Resp: 12348

Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

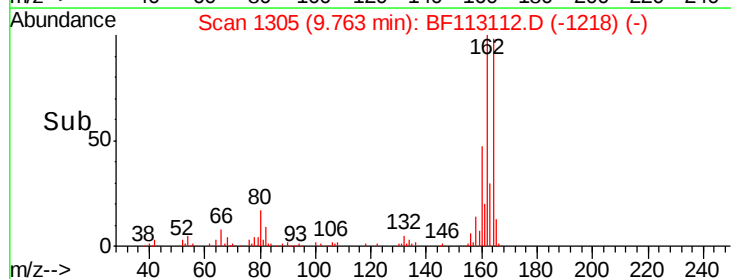
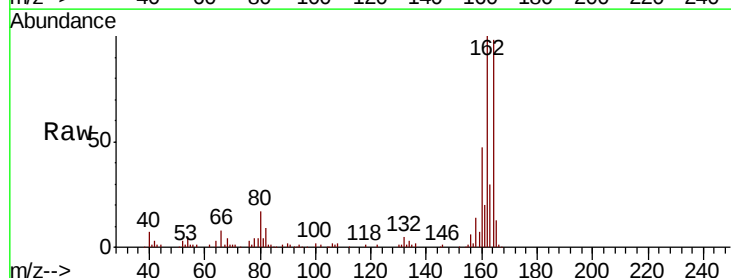
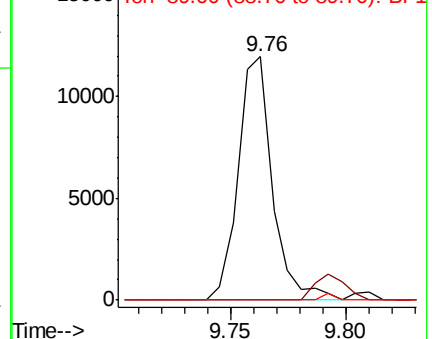
89 0.0 52.8 79.2#

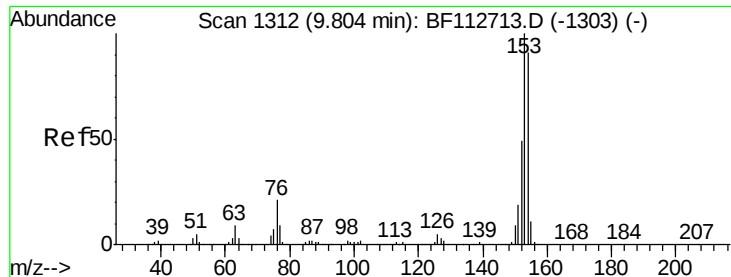


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 2.720 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

Instrument :

BNA_F

ClientSampleId :

282-346DL

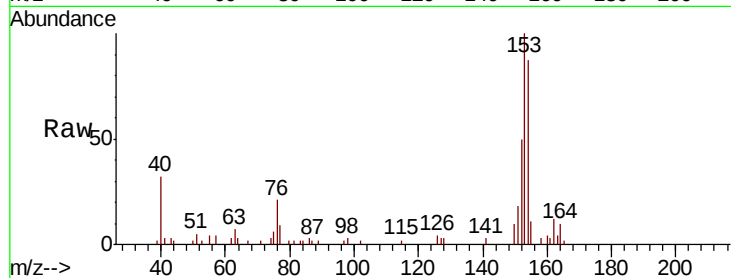
Tgt Ion:154 Resp: 15540

Ion Ratio Lower Upper

154 100

153 115.5 87.8 131.8

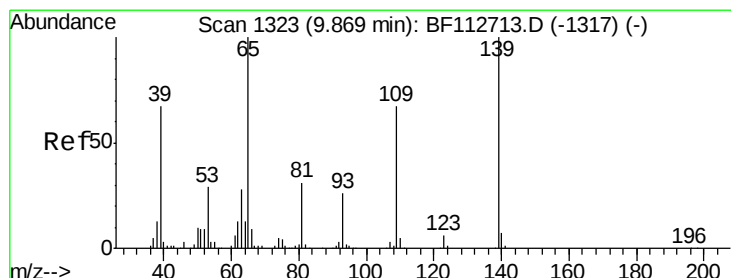
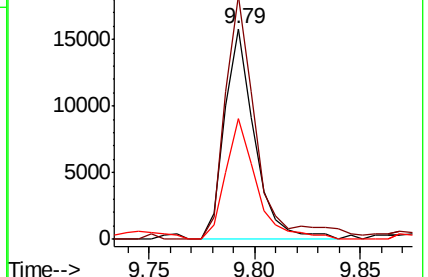
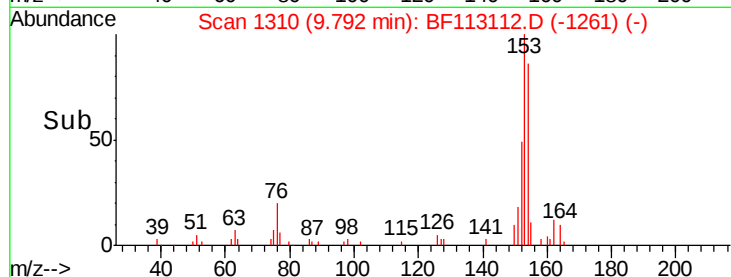
152 57.2 43.0 64.6



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: 4.254 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.08 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

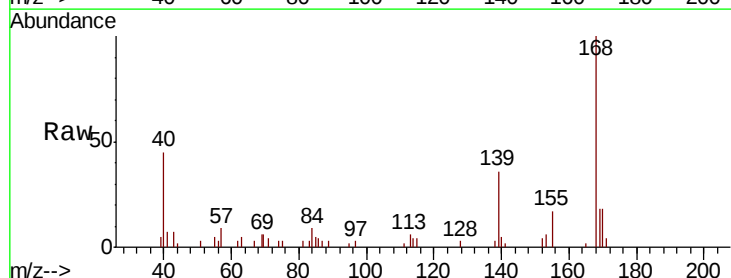
Tgt Ion:139 Resp: 5844

Ion Ratio Lower Upper

139 100

109 0.0 46.8 86.8#

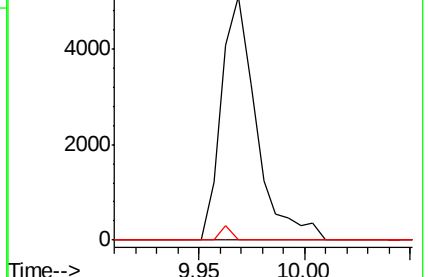
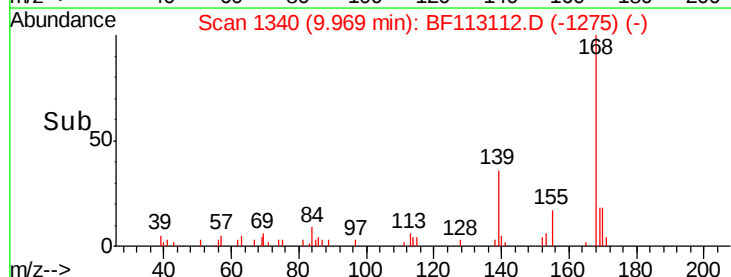
65 0.0 80.7 120.7#

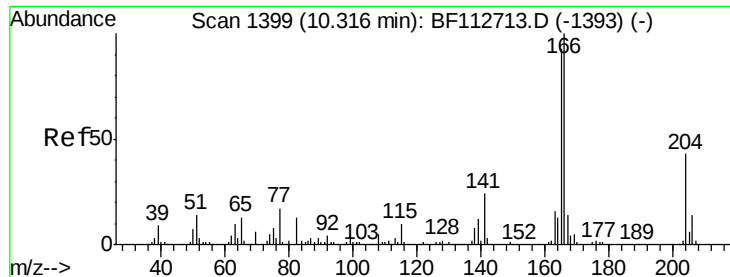


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#58

Fluorene

Concen: 4.717 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

Instrument :

BNA_F

ClientSampleId :

282-346DL

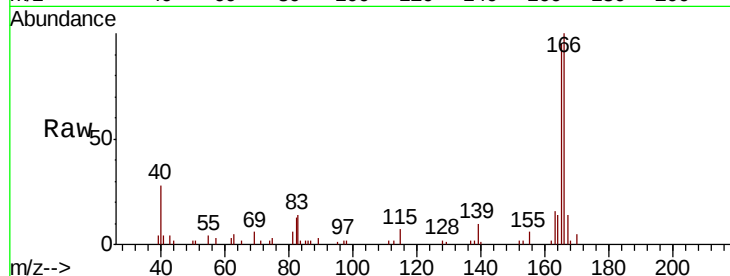
Tgt Ion:166 Resp: 27796

Ion Ratio Lower Upper

166 100

165 94.7 74.7 112.1

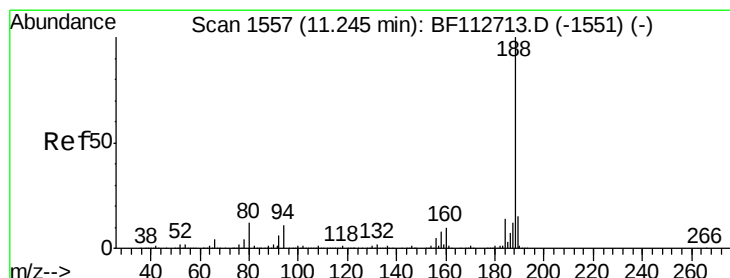
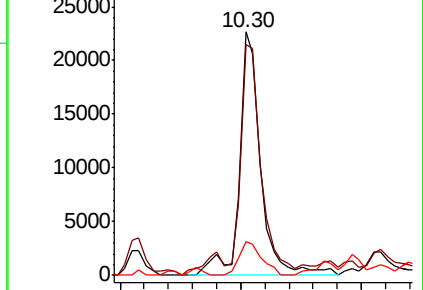
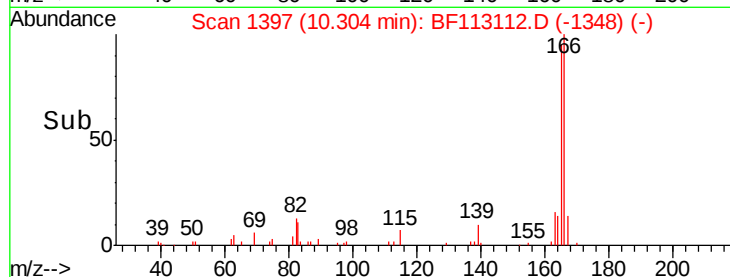
167 13.8 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

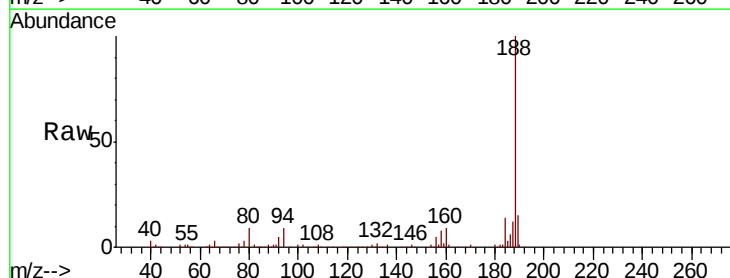
Tgt Ion:188 Resp: 166499

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.4#

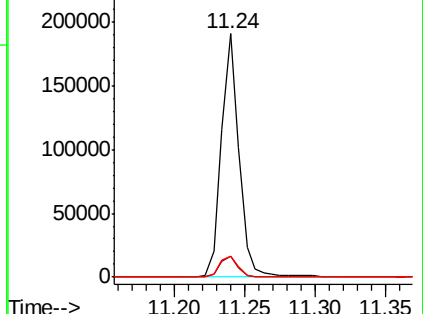
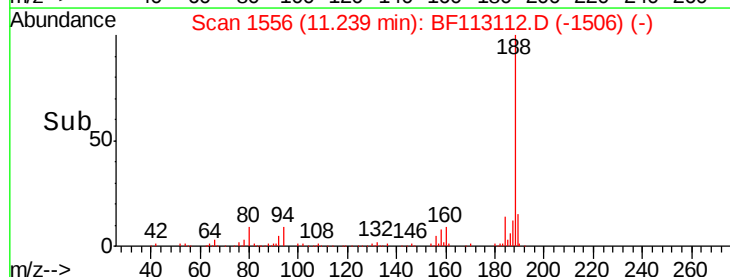
80 8.8 9.2 13.8#

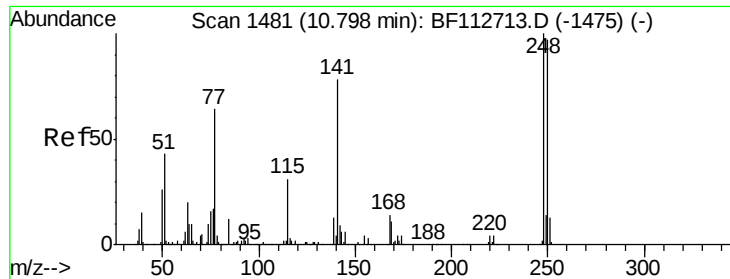


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

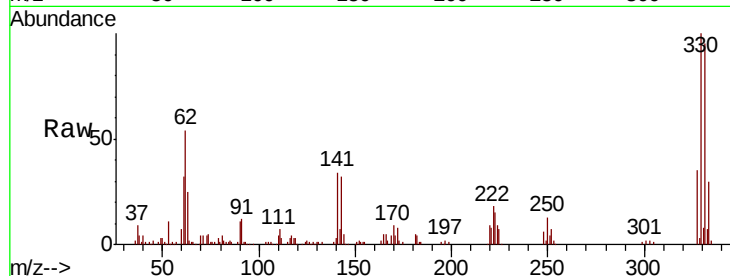




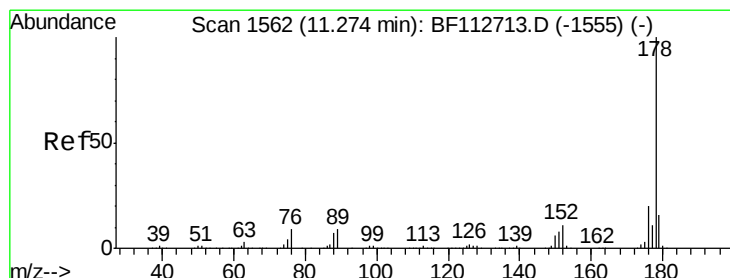
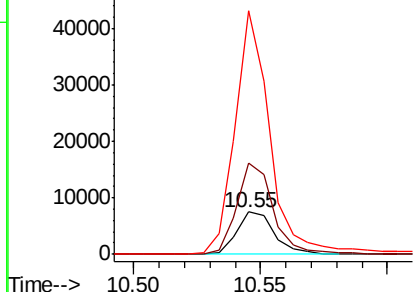
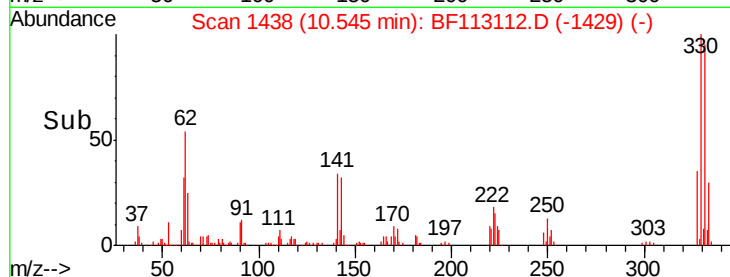
#67
 4-Bromophenyl-phenylether
 Concen: 4.411 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF113112.D
 Acq: 19 Mar 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :
 282-346DL

Tgt Ion:248 Resp: 7735
 Ion Ratio Lower Upper
 248 100
 250 216.2 77.5 116.3#
 141 573.9 62.4 93.6#

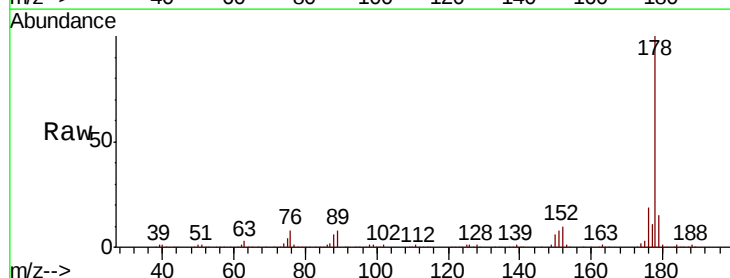


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

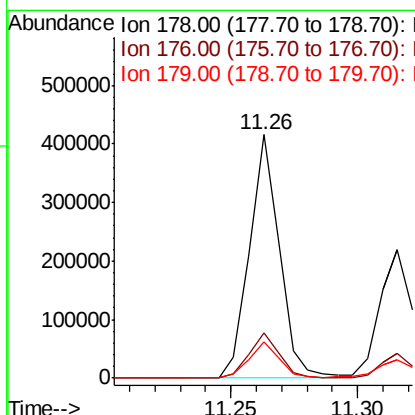
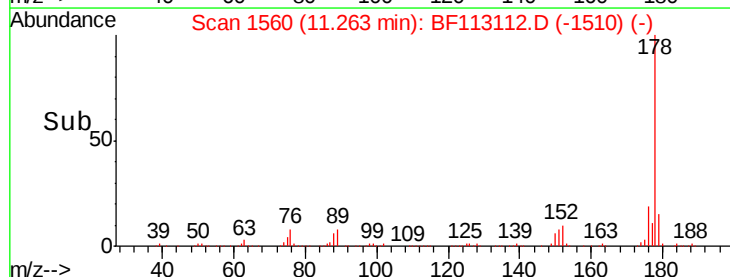


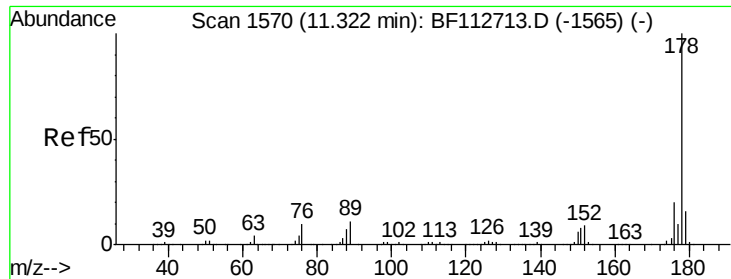
#71
 Phenanthrene
 Concen: 41.619 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF113112.D
 Acq: 19 Mar 2019 1:51

Tgt Ion:178 Resp: 344767
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.3 24.5
 179 14.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

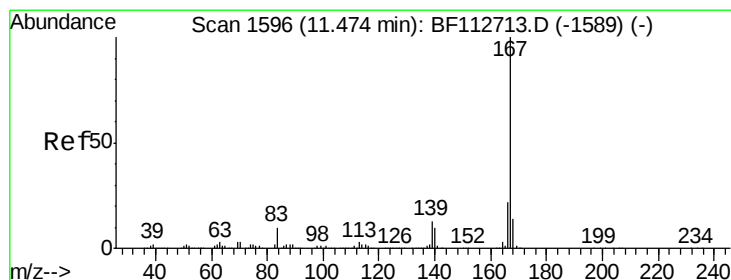
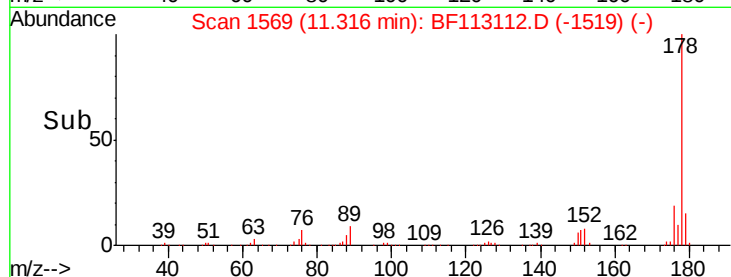
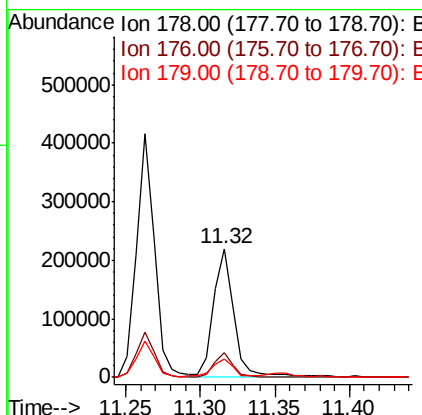
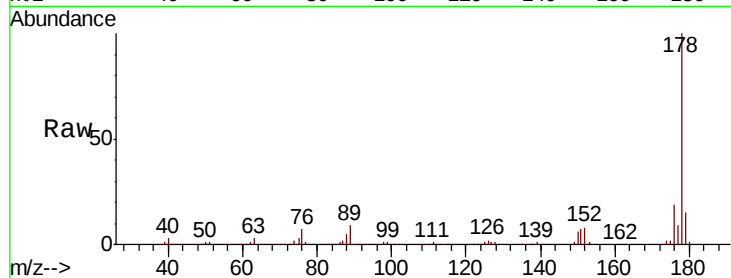




#72
 Anthracene
 Concen: 23.868 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF113112.D
 Acq: 19 Mar 2019 1:51

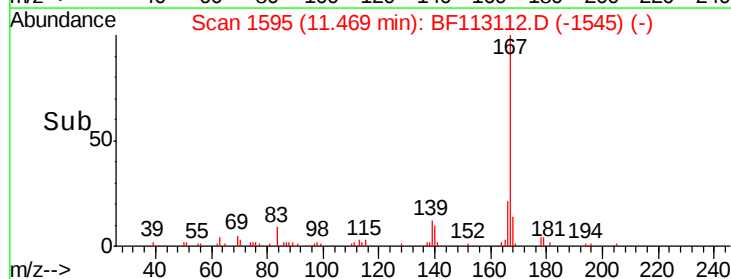
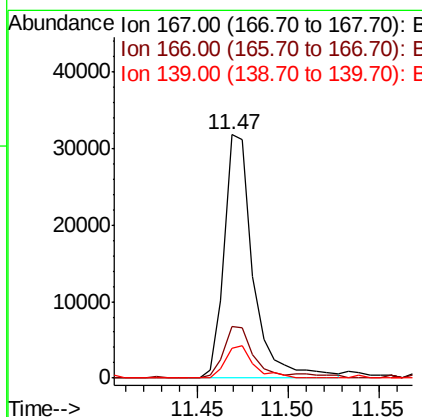
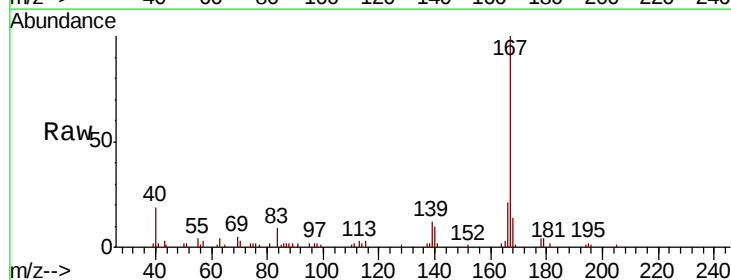
Instrument :
 BNA_F
 ClientSampleId :
 282-346DL

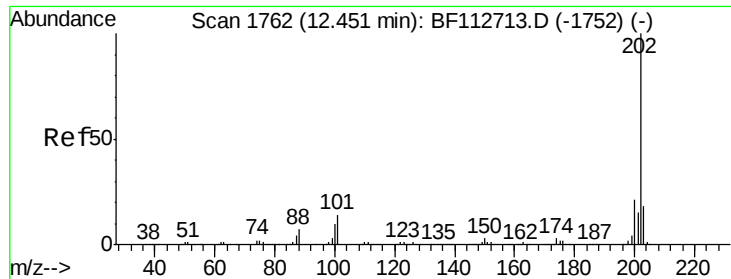
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	14.8	13.0	19.6



#73
 Carbazole
 Concen: 4.208 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF113112.D
 Acq: 19 Mar 2019 1:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.5	26.3
139	12.0	10.8	16.2





#75

Fluoranthene

Concen: 92.393 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

Instrument :

BNA_F

ClientSampleId :

282-346DL

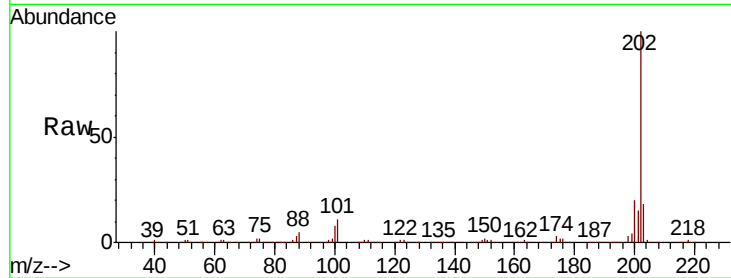
Tgt Ion: 202 Resp: 820020

Ion Ratio Lower Upper

202 100

101 10.9 0.0 33.8

203 18.0 0.0 38.4

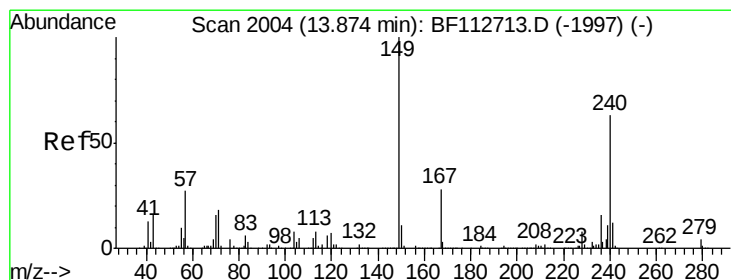
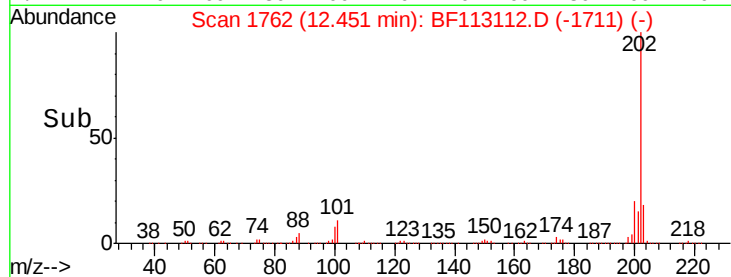
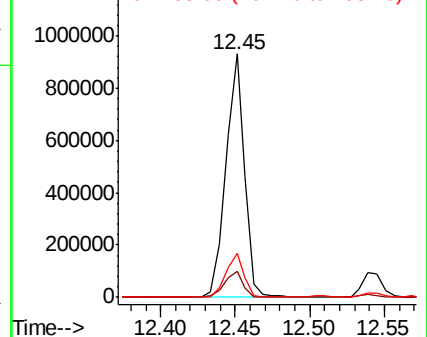


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

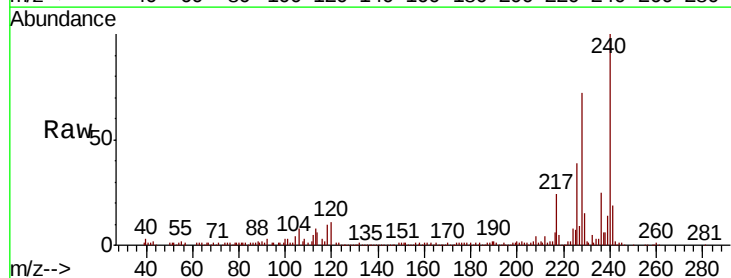
Tgt Ion: 240 Resp: 157993

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.4 20.7 31.1

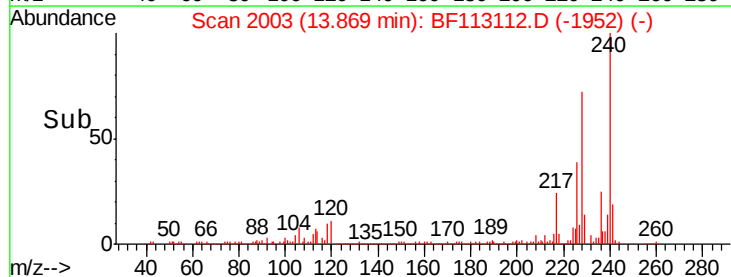
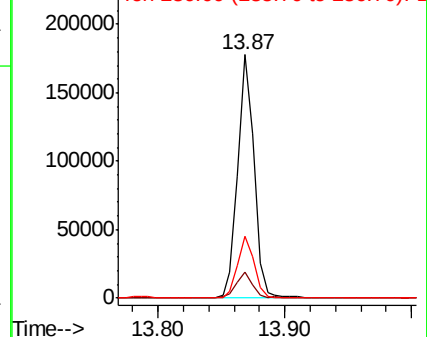


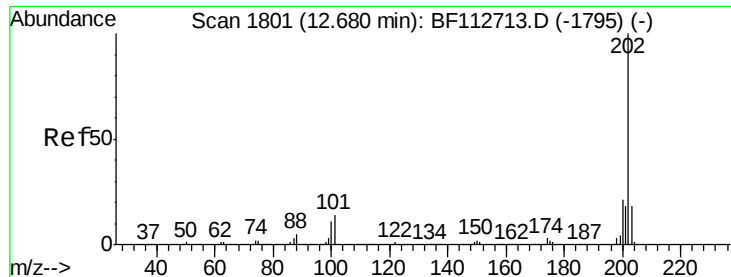
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

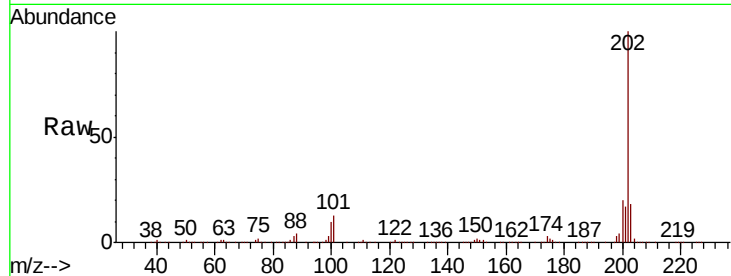




#78
 Pyrene
 Concen: 53.606 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BF113112.D
 Acq: 19 Mar 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :
 282-346DL

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	18.2	14.4	21.6

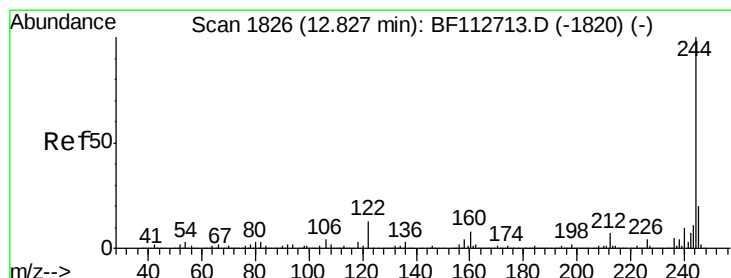
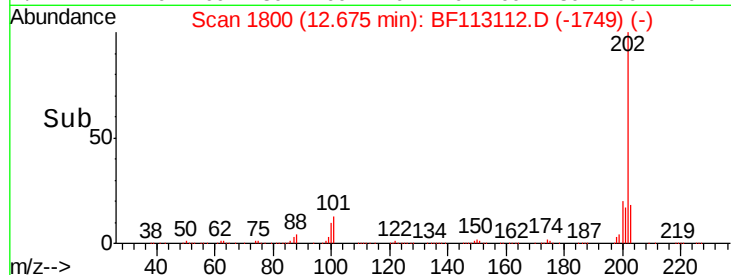
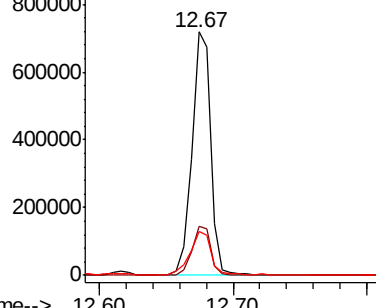


Abundance

Ion 202.00 (201.70 to 202.70): E

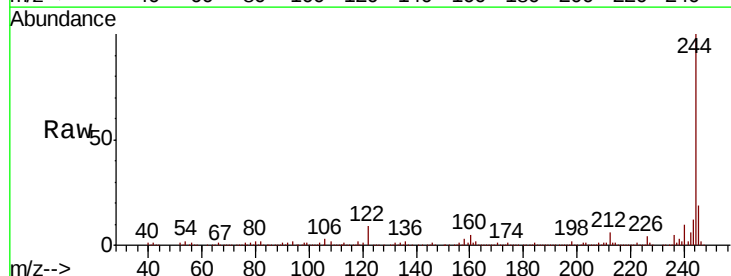
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
 Terphenyl-d14
 Concen: 72.921 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF113112.D
 Acq: 19 Mar 2019 1:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	9.5	10.5	15.7#

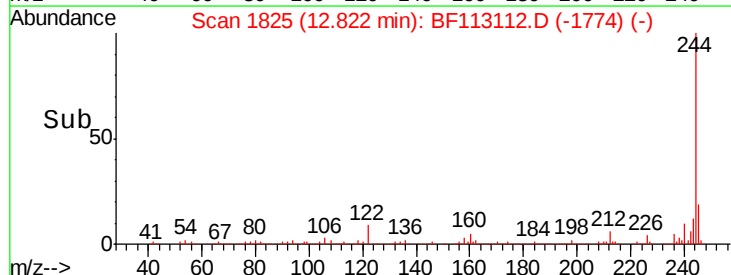
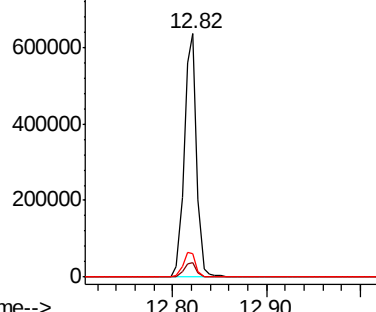


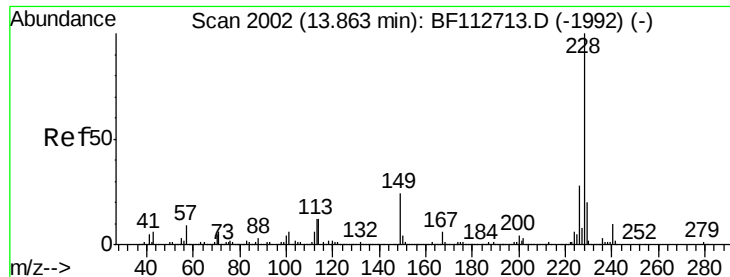
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

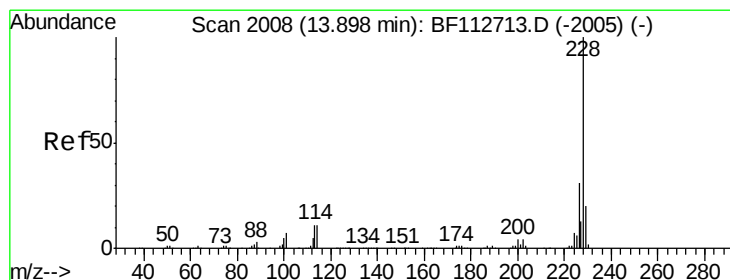
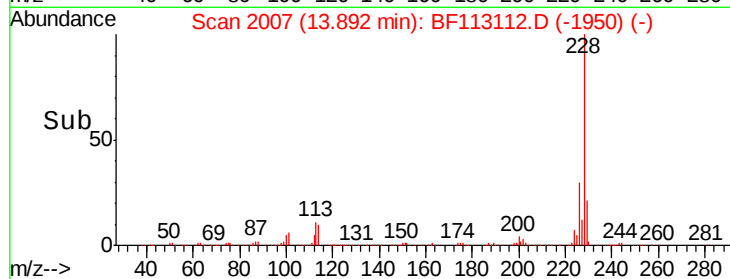
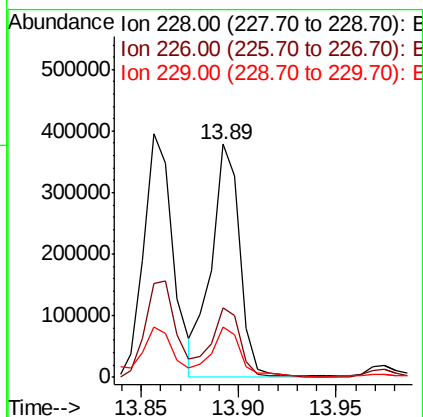
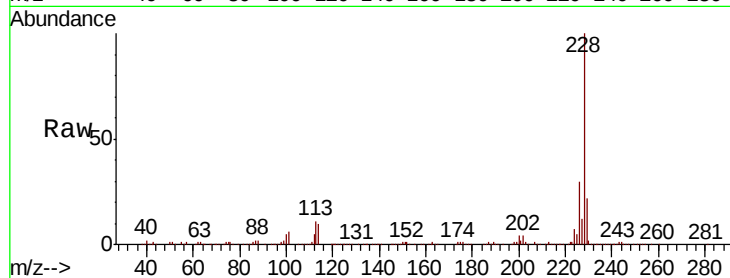




#81
Benzo(a)anthracene
Concen: 35.089 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.04 min
Lab File: BF113112.D
Acq: 19 Mar 2019 1:51

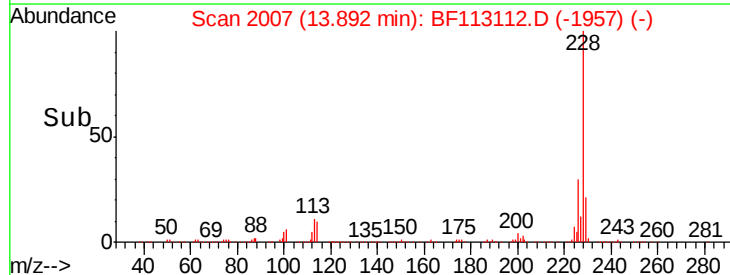
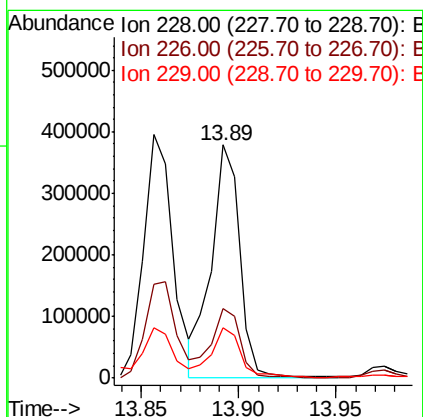
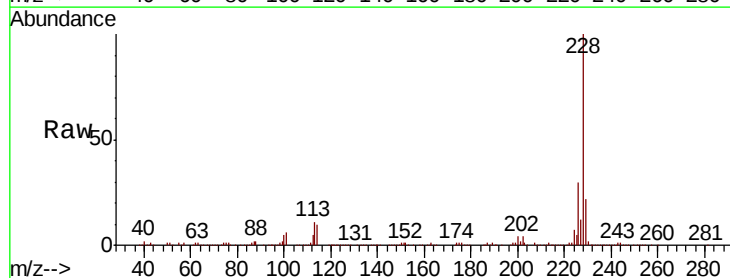
Instrument :
BNA_F
ClientSampled :
282-346DL

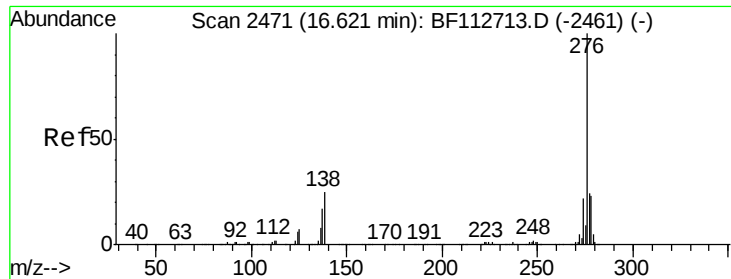
Tgt Ion:228 Resp: 384230
Ion Ratio Lower Upper
228 100
226 29.8 22.2 33.4
229 21.7 16.0 24.0



#83
Chrysene
Concen: 35.823 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113112.D
Acq: 19 Mar 2019 1:51

Tgt Ion:228 Resp: 384230
Ion Ratio Lower Upper
228 100
226 29.8 24.9 37.3
229 21.7 16.3 24.5

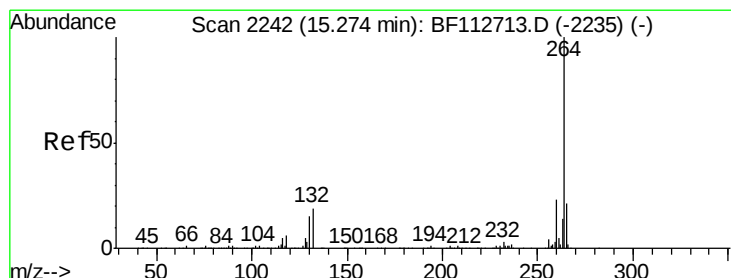
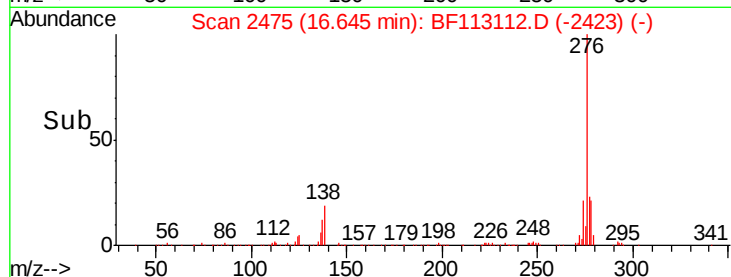
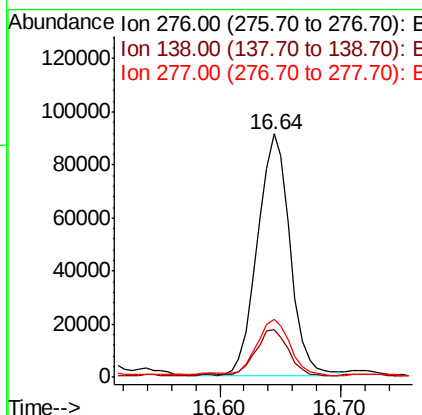
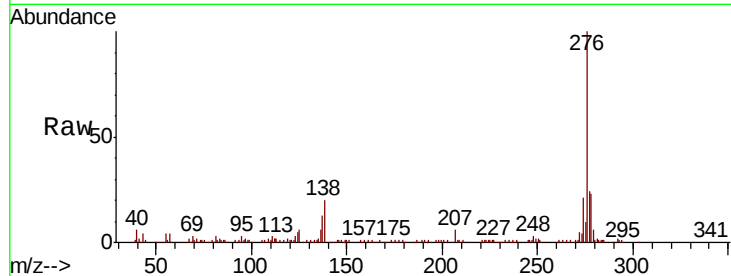




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 18.748 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. 0.01 min
 Lab File: BF113112.D
 Acq: 19 Mar 2019 1:51

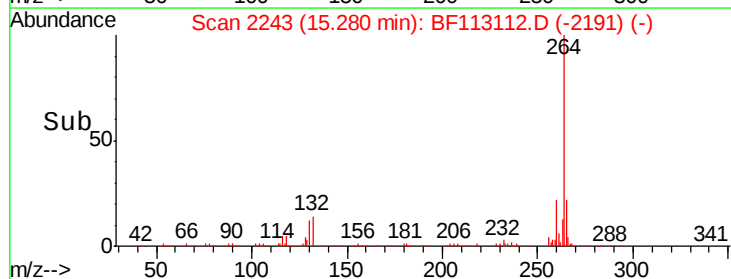
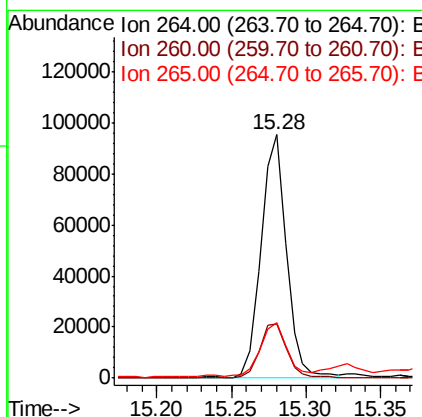
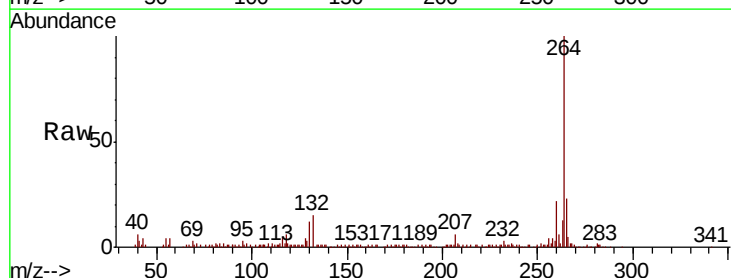
Instrument :
 BNA_F
 ClientSampleId :
 282-346DL

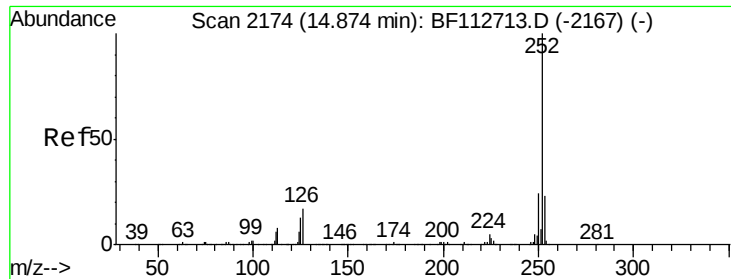
Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	23.2	34.8#
277	23.5	19.9	29.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113112.D
 Acq: 19 Mar 2019 1:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	22.6	17.2	25.8

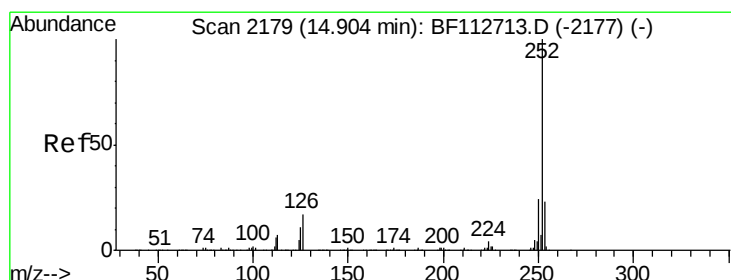
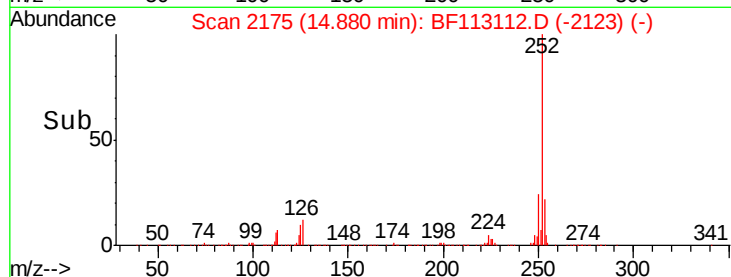
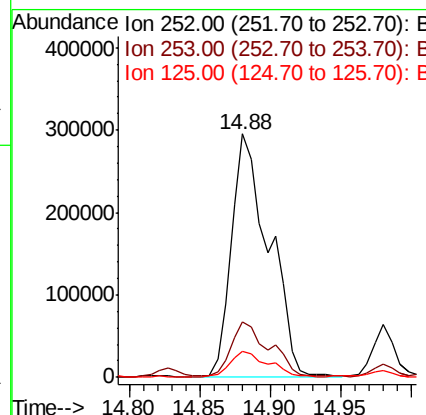
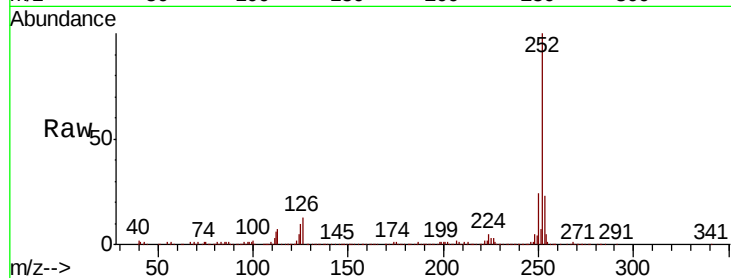




#88
Benzo(b)fluoranthene
Concen: 75.688 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113112.D
Acq: 19 Mar 2019 1:51

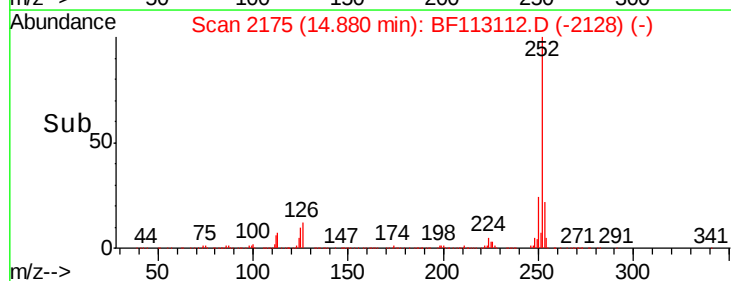
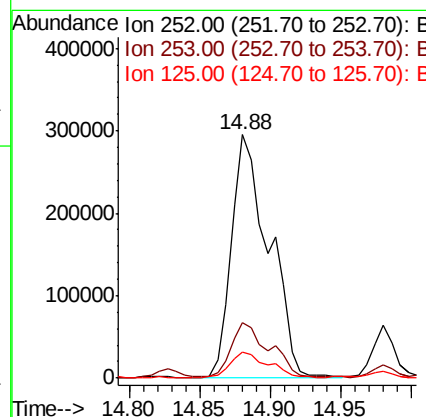
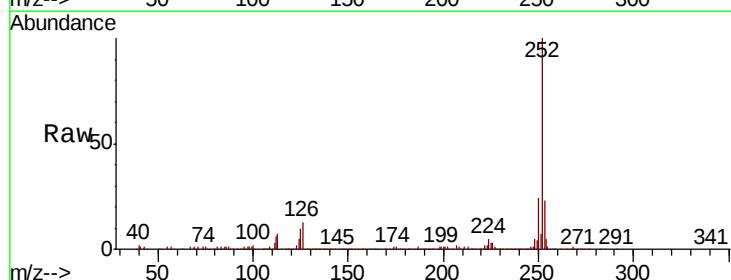
Instrument :
BNA_F
ClientSampleId :
282-346DL

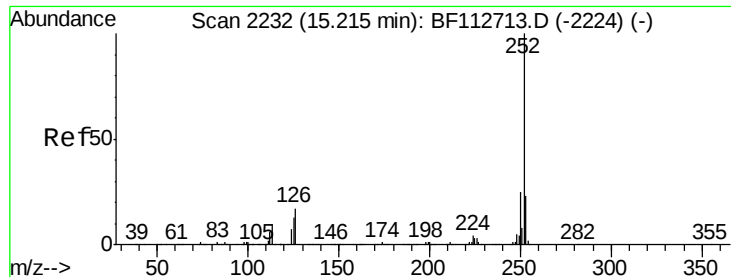
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.5	10.2	15.2



#89
Benzo(k)fluoranthene
Concen: 83.560 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF113112.D
Acq: 19 Mar 2019 1:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.5	9.8	14.6





#90

Benzo(a)pyrene

Concen: 29.616 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.05 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

Instrument :

BNA_F

ClientSampleId :

282-346DL

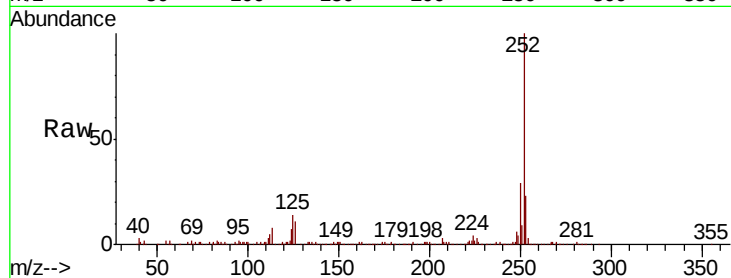
Tgt Ion:252 Resp: 189684

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 13.6 10.7 16.1

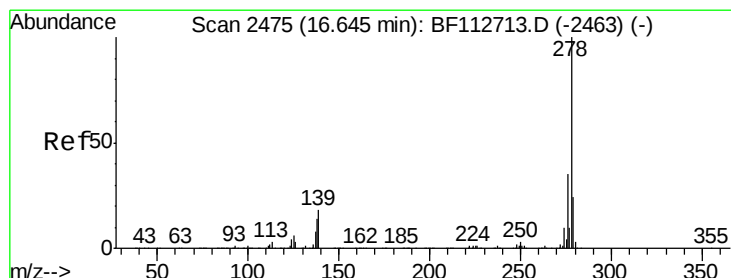
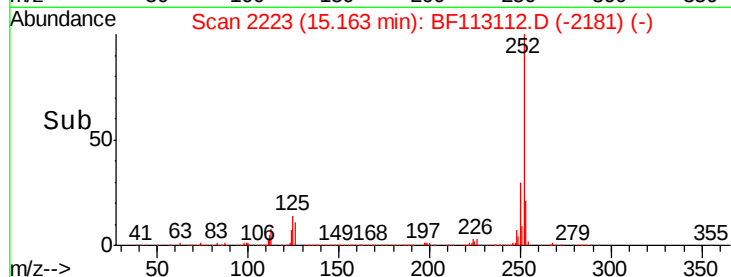
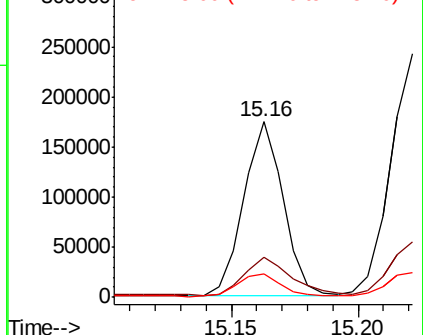


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 8.913 ng

RT: 16.66 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

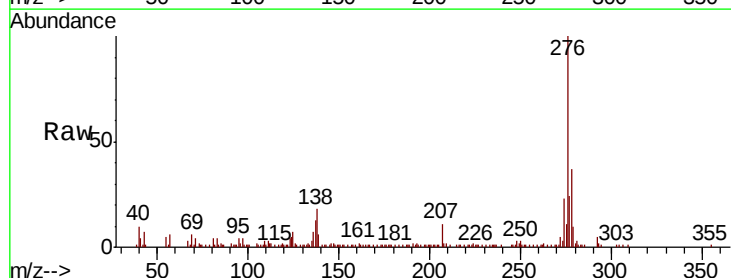
Tgt Ion:278 Resp: 48711

Ion Ratio Lower Upper

278 100

139 15.5 14.3 21.5

279 27.4 19.4 29.0

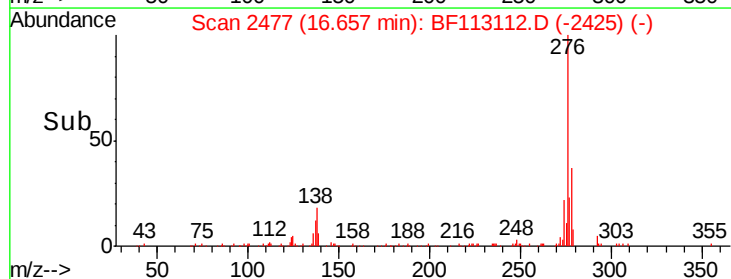
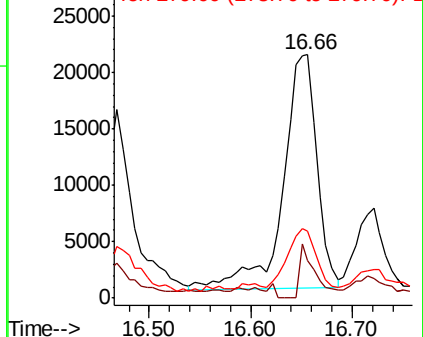


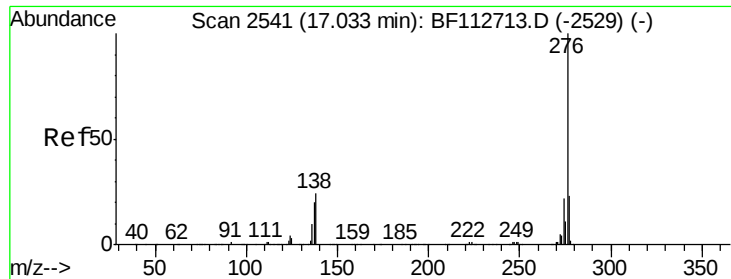
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 7.587 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.23 min

Lab File: BF113112.D

Acq: 19 Mar 2019 1:51

Instrument :

BNA_F

ClientSampleId :

282-346DL

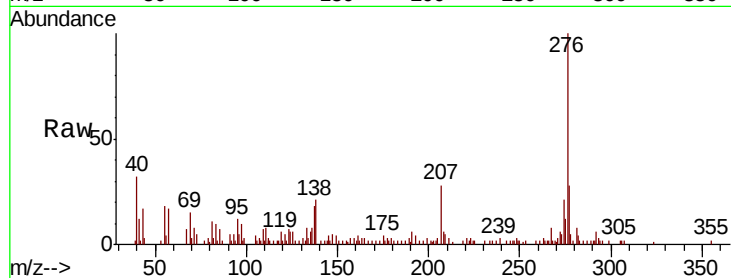
Tgt Ion: 276 Resp: 41639

Ion Ratio Lower Upper

276 100

277 27.6 18.6 27.8

138 21.4 19.4 29.0



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

