

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111344.D
 Acq On : 13 Dec 2018 1:40
 Operator : JU/SJ
 Sample : J6214-19 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)

Quant Time: Dec 13 04:41:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	215785	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	791850	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	331237	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	588448	20.00	ng	0.00
76) Chrysene-d12	13.97	240	312230	20.00	ng	0.01
87) Perylene-d12	15.41	264	315107	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	102037	8.00	ng	0.00
7) Phenol-d6	6.42	99	129641	7.54	ng	-0.01
23) Nitrobenzene-d5	7.35	82	60820	4.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	19135	6.55	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	129757	6.29	ng	0.00
79) Terphenyl-d14	12.90	244	108909	7.68	ng	0.00

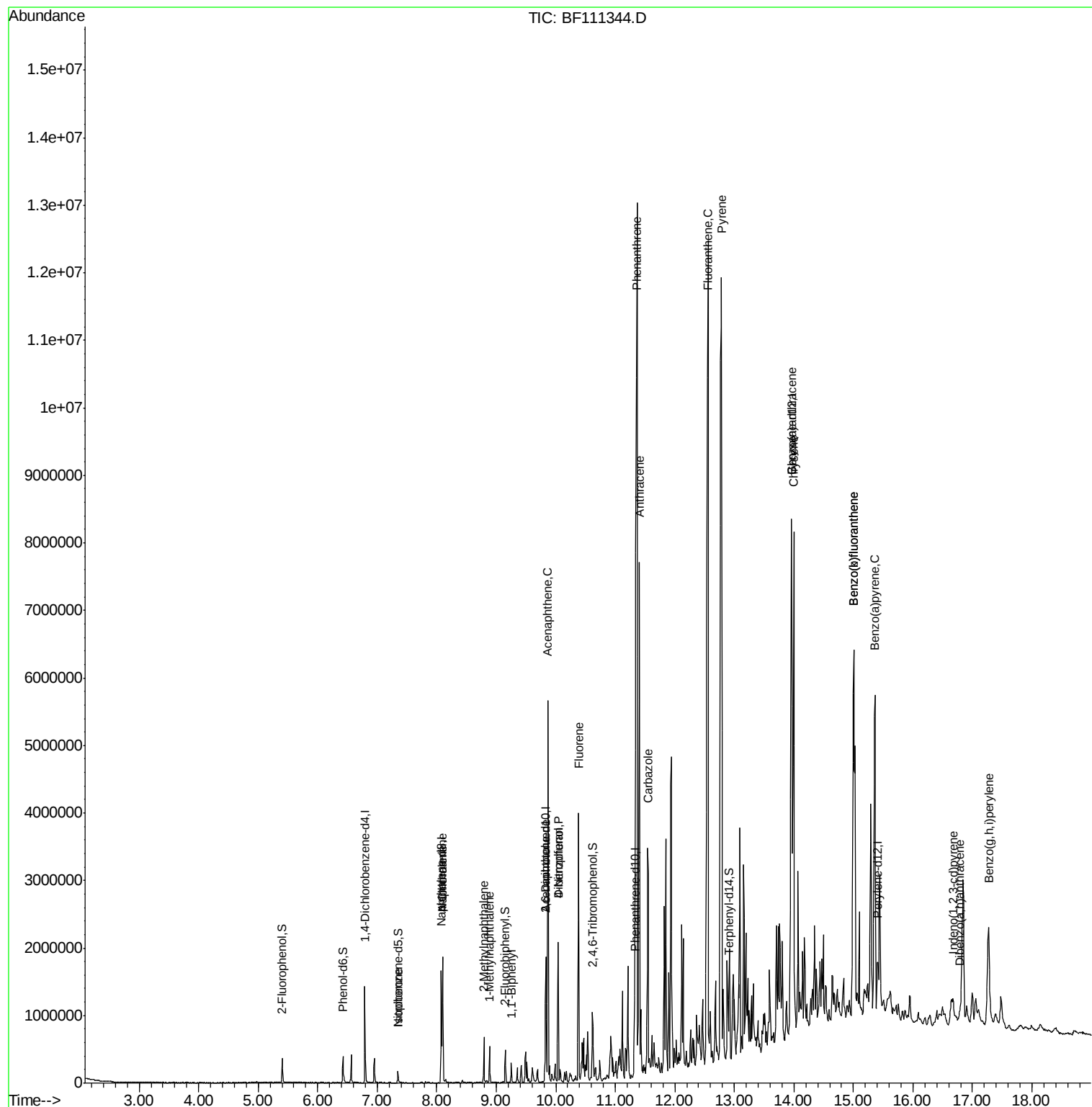
Target Compounds				Qvalue		
9) Benzaldehyde	6.36	77	133	Below Cal	#	1
25) Isophorone	7.35	82	60351	2.529 ng	#	64
31) Naphthalene	8.10	128	737965	20.003 ng		97
33) 4-Chloroaniline	8.10	127	92917	5.897 ng	#	29
37) 2-Methylnaphthalene	8.79	142	185111	7.762 ng		97
38) 1-Methylnaphthalene	8.89	142	151718	6.591 ng		97
46) 1,1'-Biphenyl	9.25	154	80557	2.850 ng		93
51) 2,6-Dinitrotoluene	9.83	165	53138	10.064 ng	#	29
52) Acenaphthene	9.87	154	1109511	55.629 ng		98
55) Dibenzofuran	10.04	168	746656	25.932 ng		93
56) 4-Nitrophenol	10.04	139	277643	60.750 ng	#	9
58) Fluorene	10.38	166	1027533	49.887 ng		100
71) Phenanthrene	11.36	178	7451226	244.981 ng		96
72) Anthracene	11.40	178	2939397	94.910 ng		98
73) Carbazole	11.55	167	1382437	43.170 ng		96
75) Fluoranthene	12.56	202	9001703	303.164 ng		92
78) Pyrene	12.79	202	7298463	302.878 ng		94
81) Benzo(a)anthracene	13.96	228	3743619	214.292 ng		95
83) Chrysene	14.00	228	3100741	173.969 ng		97
86) Indeno(1,2,3-cd)pyrene	16.67	276	297019	21.307 ng		97
88) Benzo(b)fluoranthene	15.00	252	5056174	282.183 ng		97
89) Benzo(k)fluoranthene	15.00	252	5056174	282.700 ng	#	96
90) Benzo(a)pyrene	15.36	252	2634154	157.890 ng		97
91) Dibenzo(a,h)anthracene	16.79	278	123174	8.874 ng		95
92) Benzo(g,h,i)perylene	17.27	276	1378463	99.330 ng		96

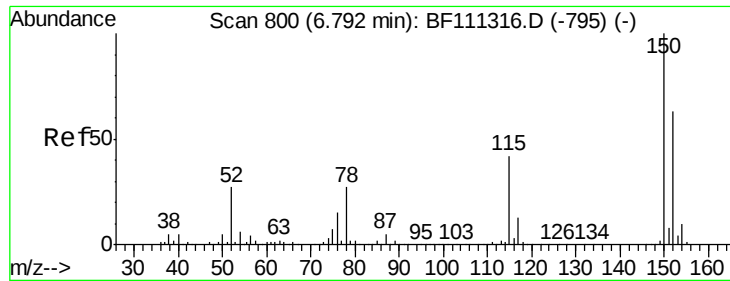
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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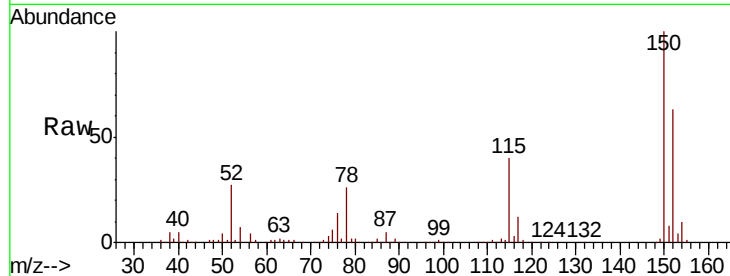




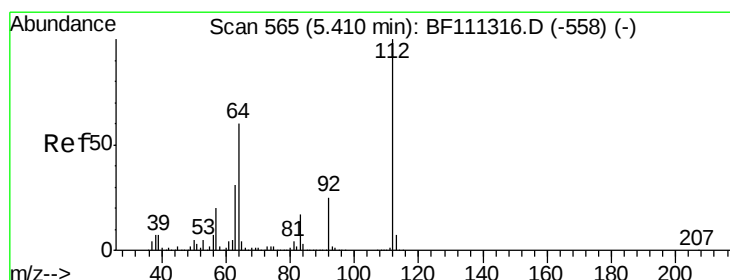
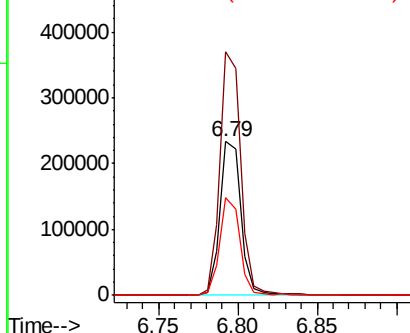
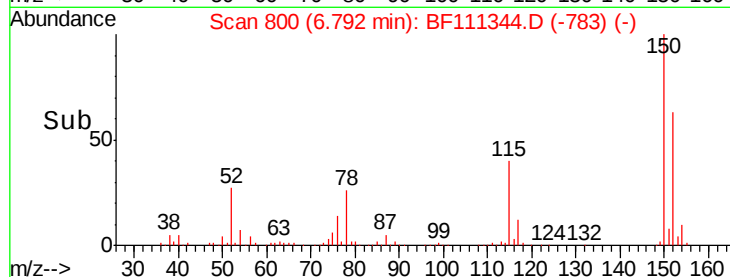
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111344.D
 Acq: 13 Dec 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)

Tgt Ion:152 Resp: 215785
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.6 189.8
 115 64.0 50.7 76.1

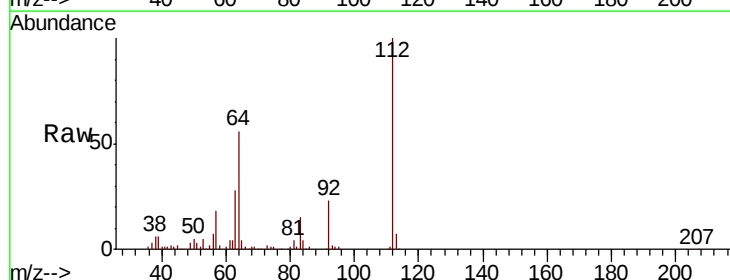


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

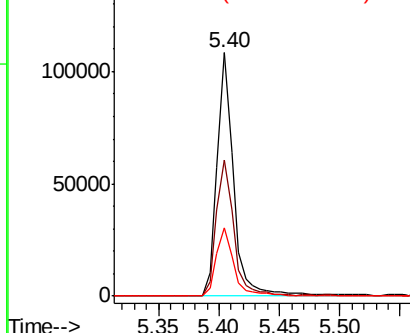
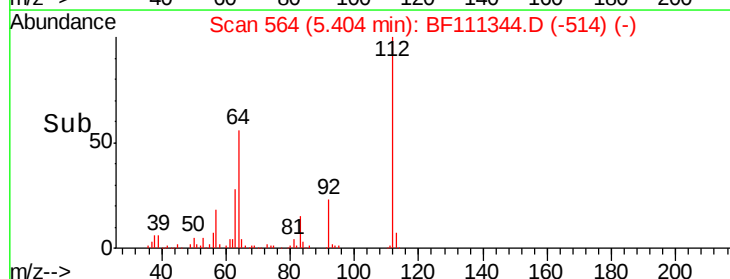


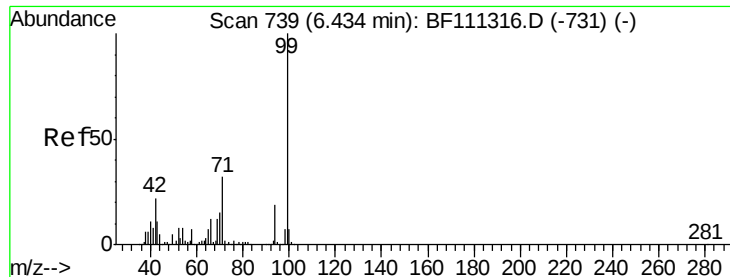
#5
 2-Fluorophenol
 Concen: 7.996 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF111344.D
 Acq: 13 Dec 2018 1:40

Tgt Ion:112 Resp: 102037
 Ion Ratio Lower Upper
 112 100
 64 56.0 51.8 77.6
 63 28.3 26.8 40.2



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: 7.535 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SB-9(0-2)

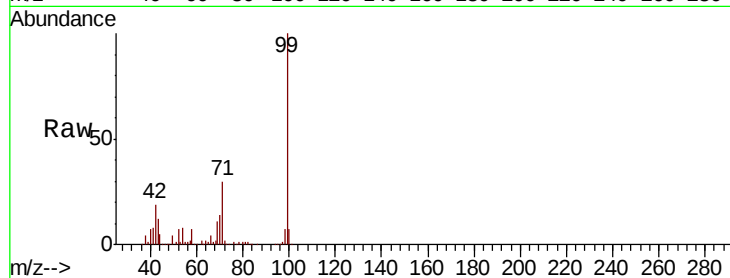
Tgt Ion: 99 Resp: 129641

Ion Ratio Lower Upper

99 100

42 18.6 17.4 26.0

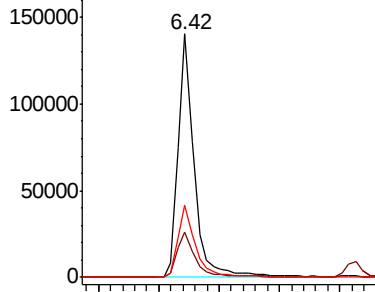
71 29.9 26.1 39.1



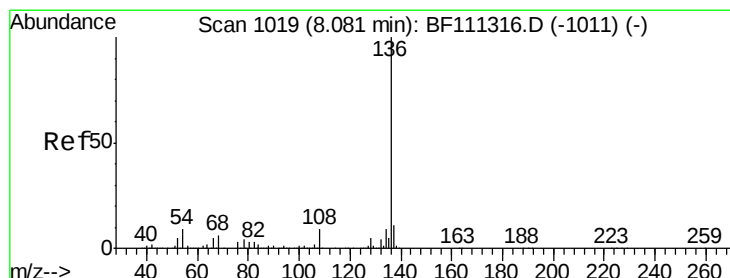
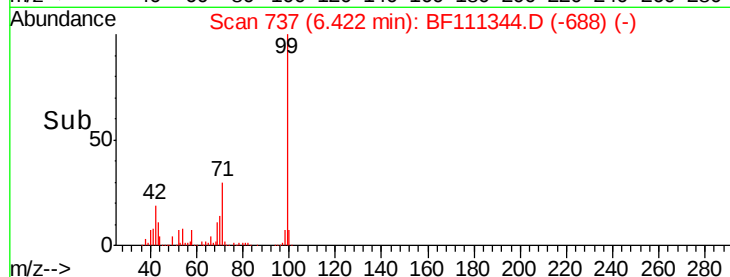
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time--> 6.35 6.40 6.45 6.50 6.55



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

Tgt Ion: 136 Resp: 791850

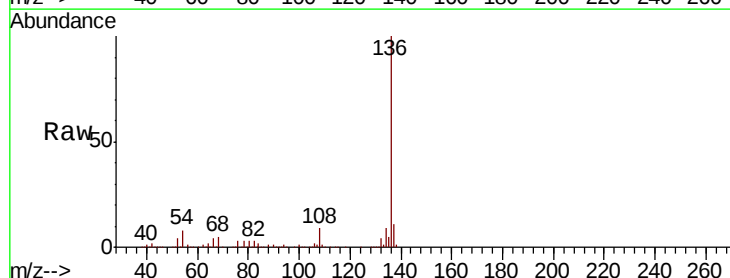
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.3 7.7 11.5

68 5.2 4.9 7.3

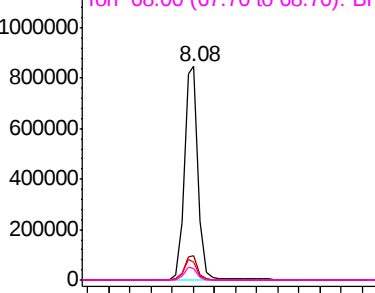


Abundance Ion 136.00 (135.70 to 136.70): E

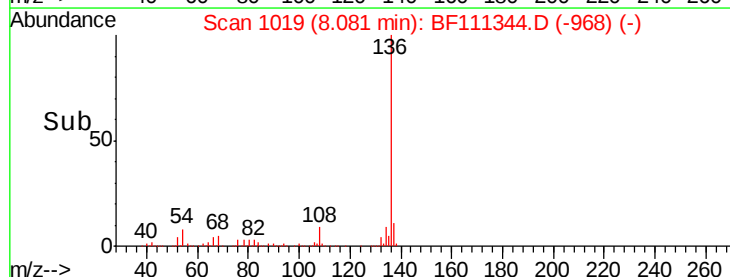
Ion 137.00 (136.70 to 137.70): E

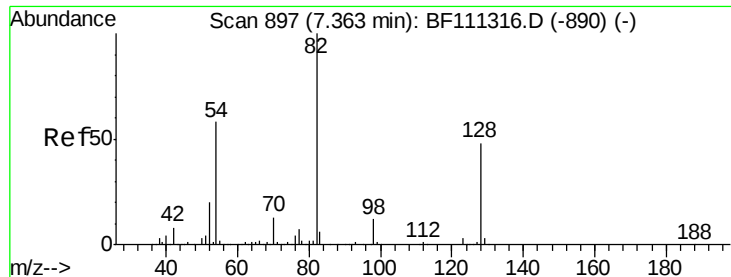
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.00 8.10 8.20

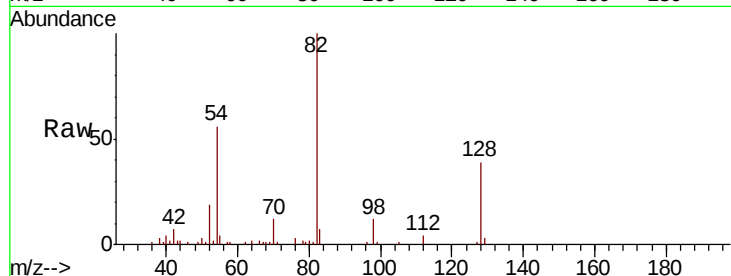




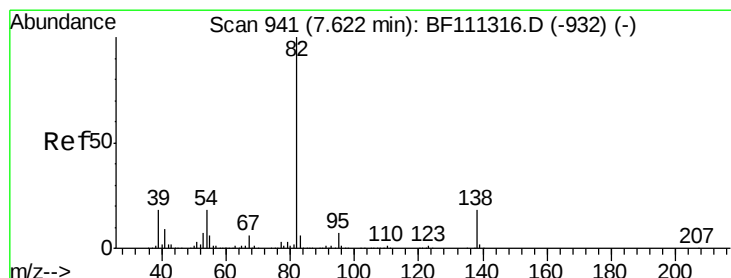
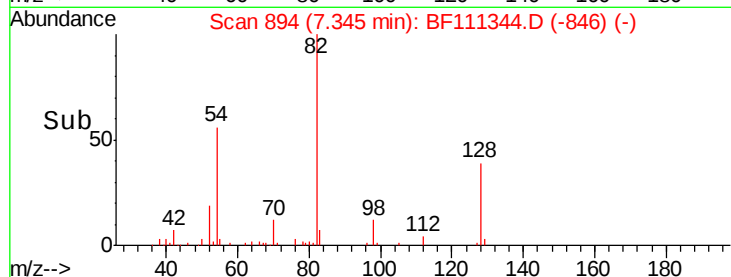
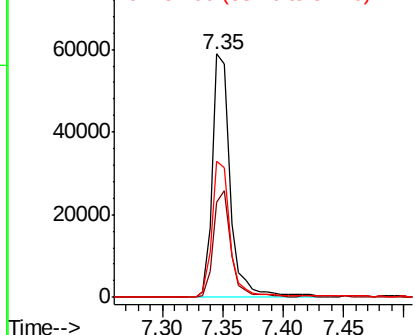
#23
Nitrobenzene-d5
Concen: 4.329 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	37.4	56.2
54	55.9	47.6	71.4

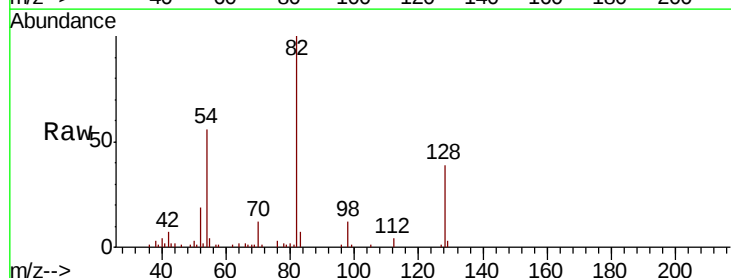


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

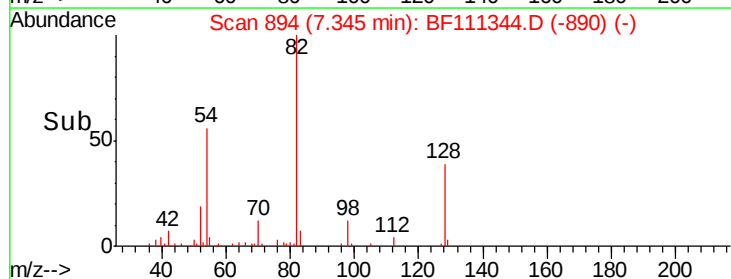
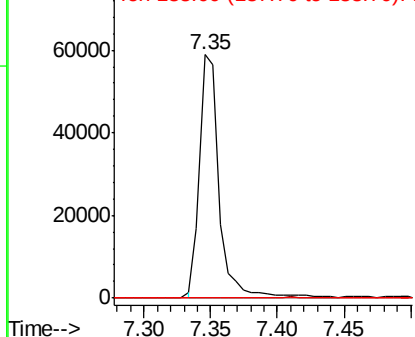


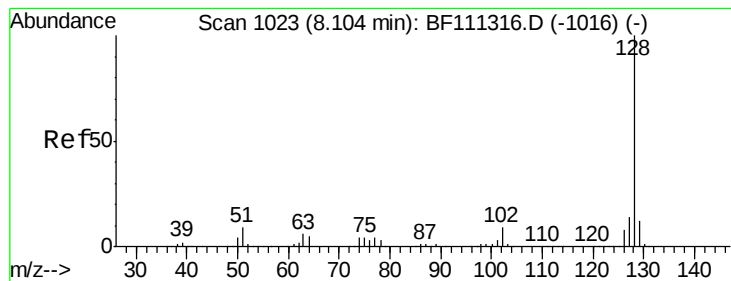
#25
Isophorone
Concen: 2.529 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.28 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



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





#31

Naphthalene

Concen: 20.003 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SB-9(0-2)

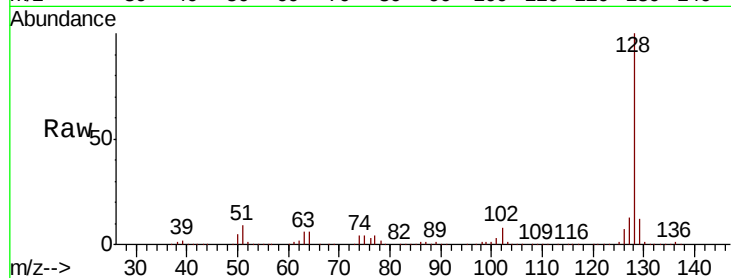
Tgt Ion:128 Resp: 737965

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

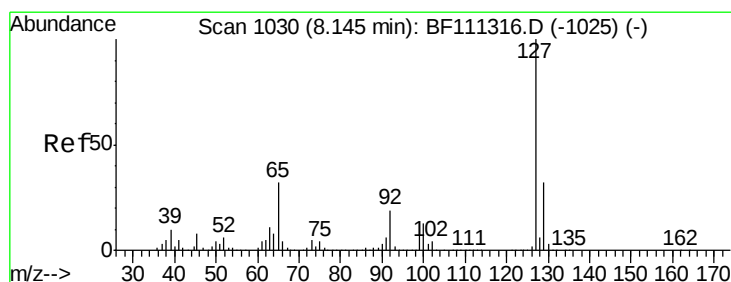
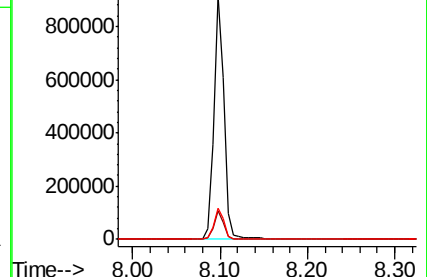
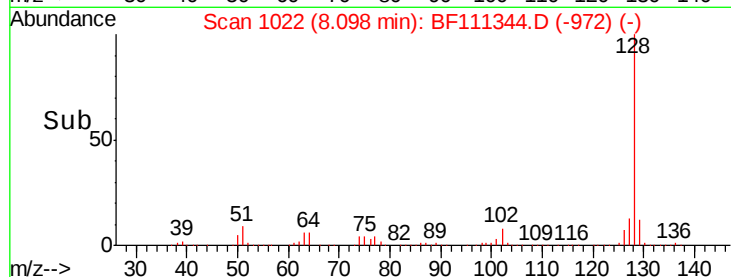
127 12.9 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 5.897 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.05 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

Tgt Ion:127 Resp: 92917

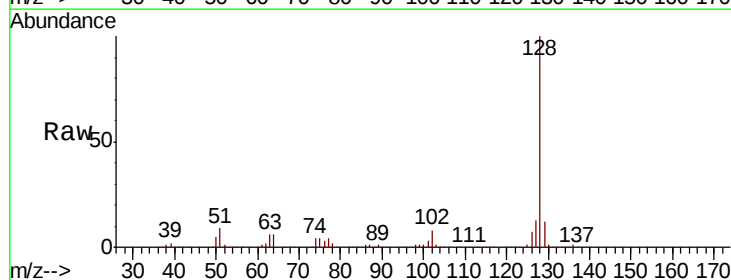
Ion Ratio Lower Upper

127 100

129 90.5 26.6 39.8#

65 0.0 25.7 38.5#

92 0.0 15.4 23.2#

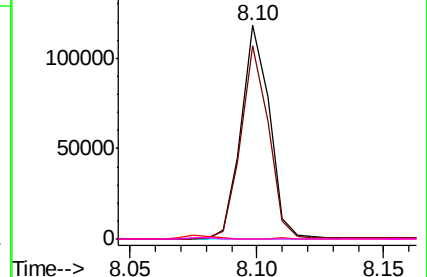
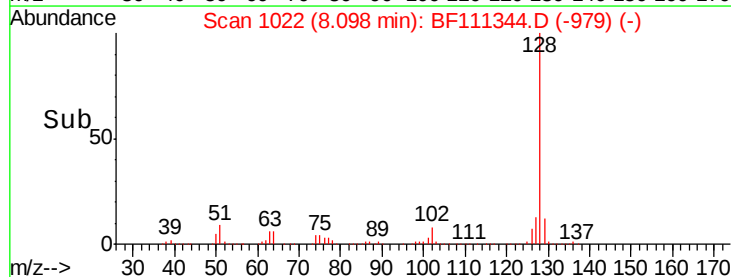


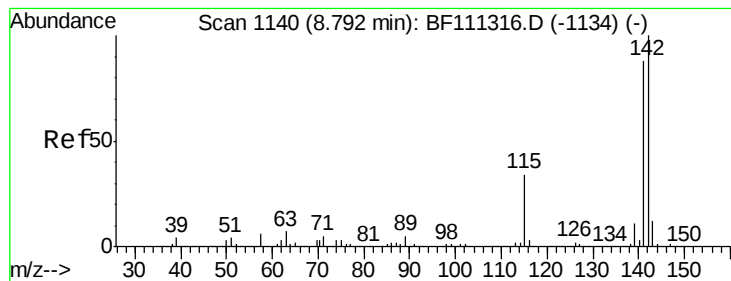
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#37

2-Methylnaphthalene

Concen: 7.762 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SB-9(0-2)

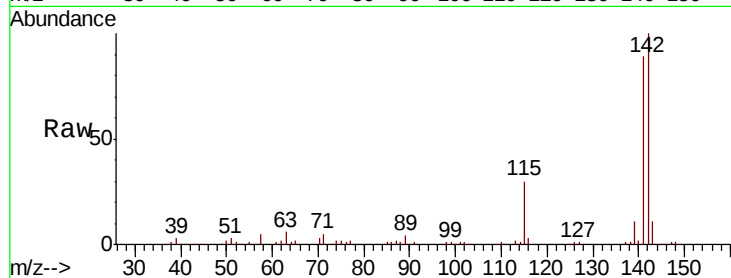
Tgt Ion:142 Resp: 185111

Ion Ratio Lower Upper

142 100

141 89.3 70.6 105.8

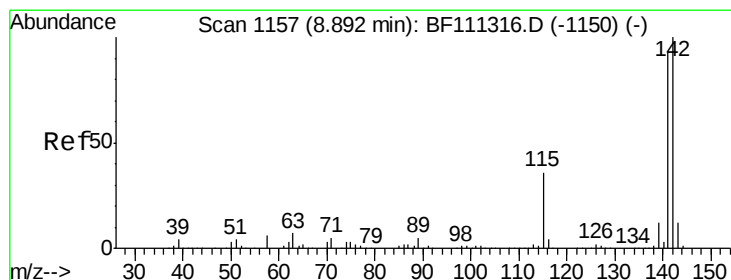
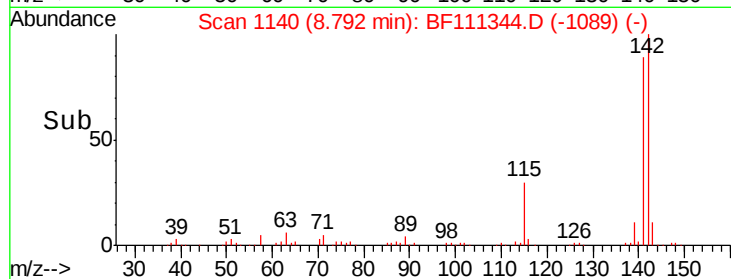
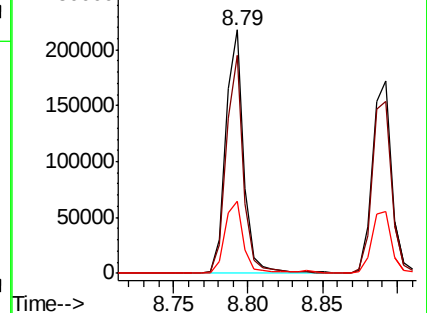
115 29.6 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 6.591 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

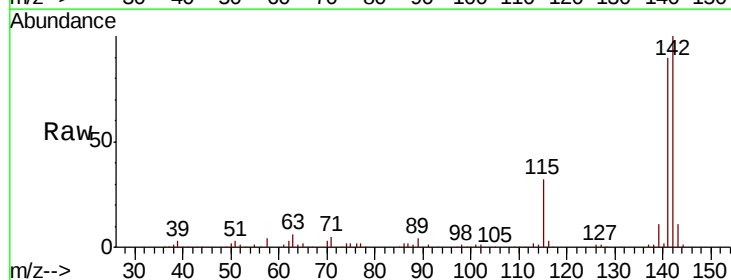
Tgt Ion:142 Resp: 151718

Ion Ratio Lower Upper

142 100

141 89.6 74.2 111.4

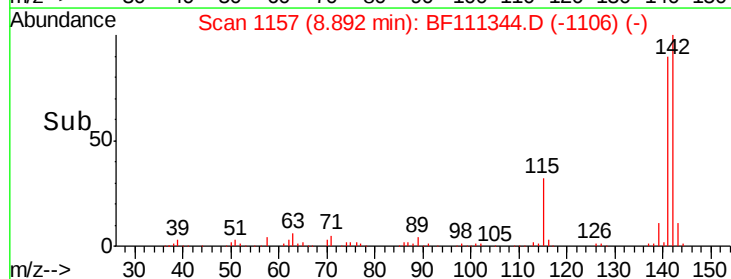
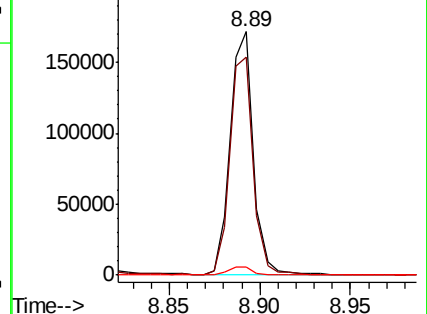
116 3.2 2.9 4.3

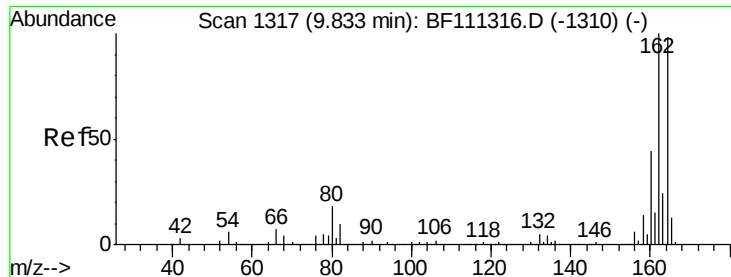


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

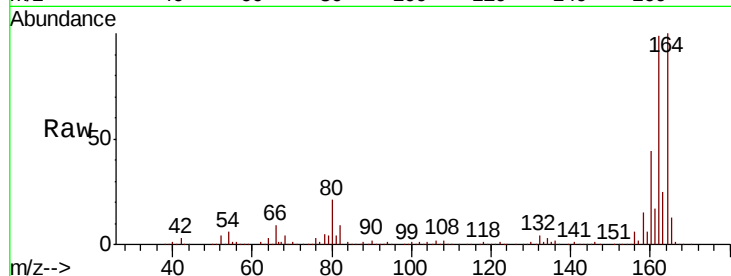




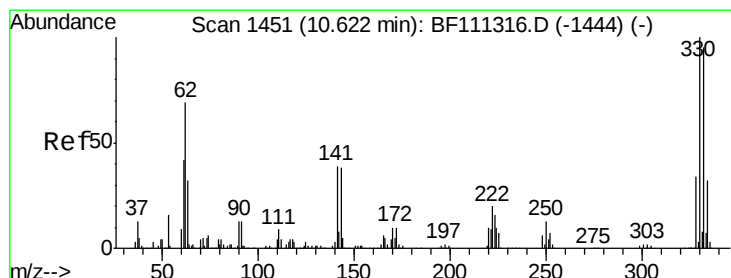
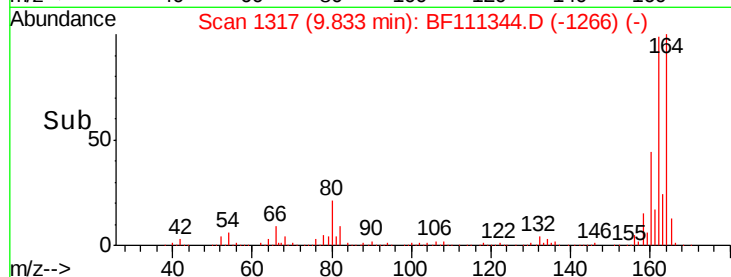
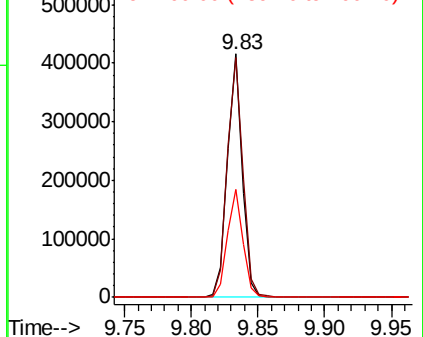
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.4	122.0
160	44.2	35.7	53.5

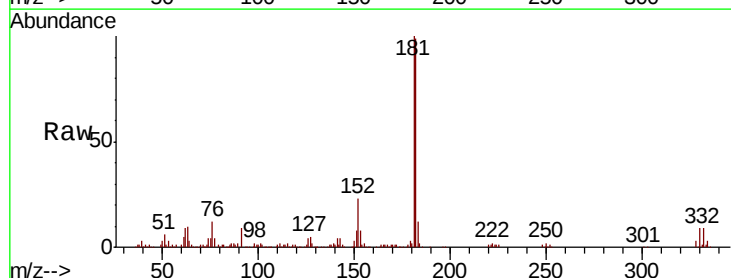


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

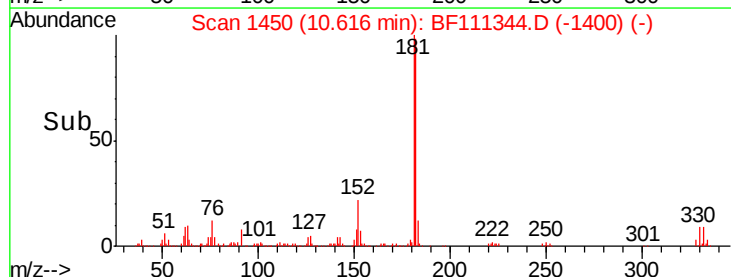
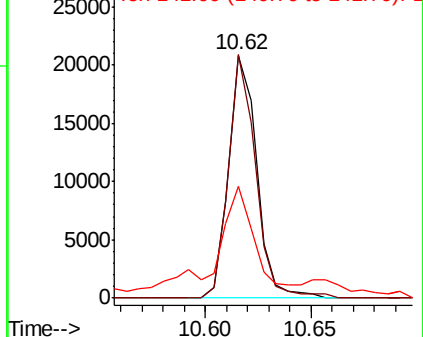


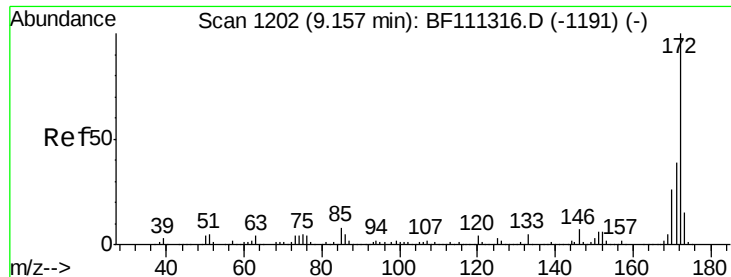
#42
2,4,6-Tribromophenol
Concen: 6.553 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	56.5	31.0	46.6#



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

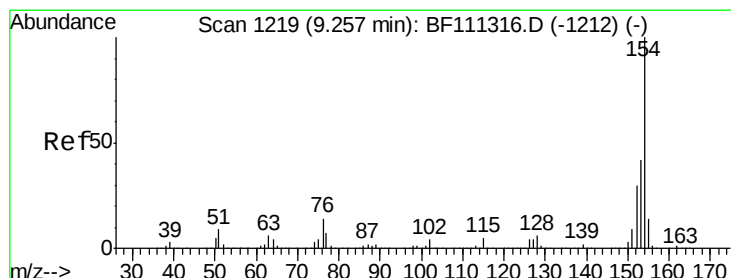
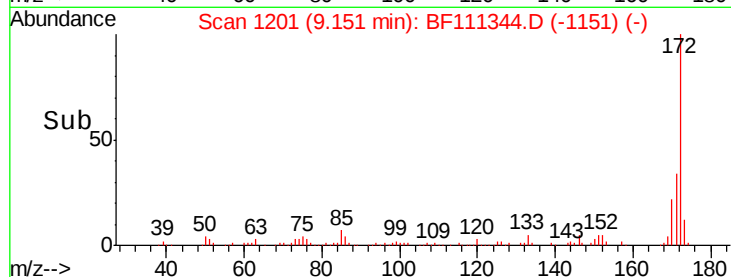
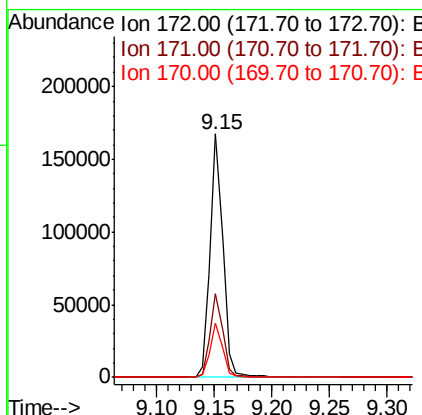
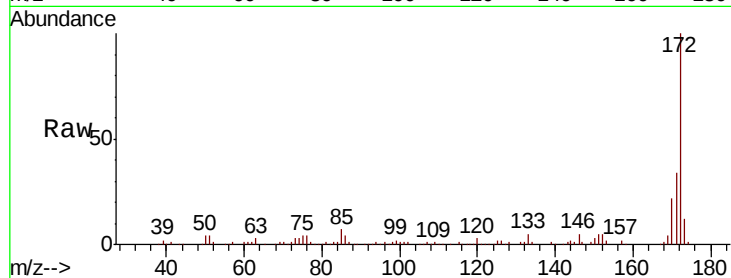




#45
2-Fluorobiphenyl
Concen: 6.289 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

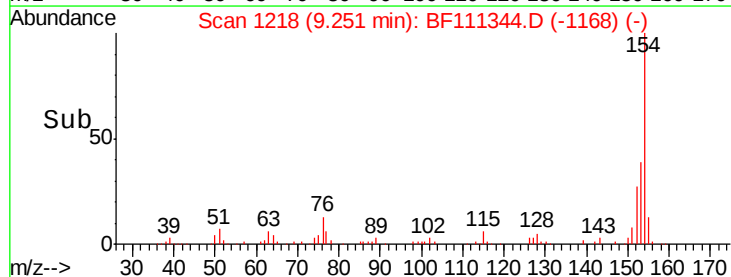
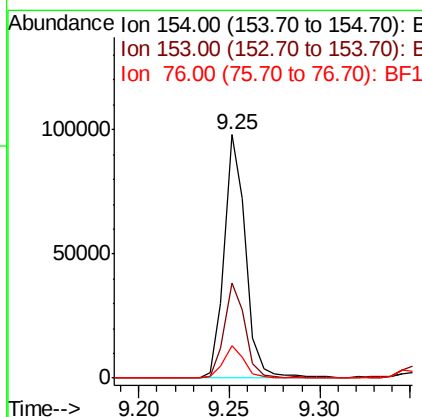
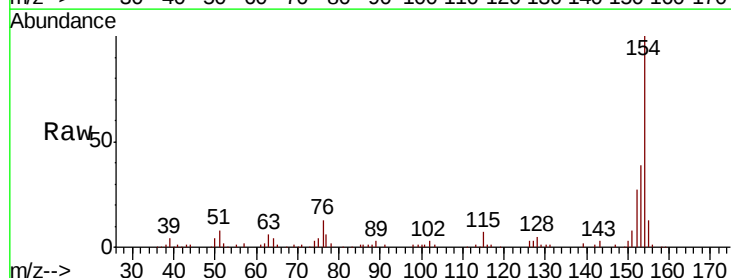
Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

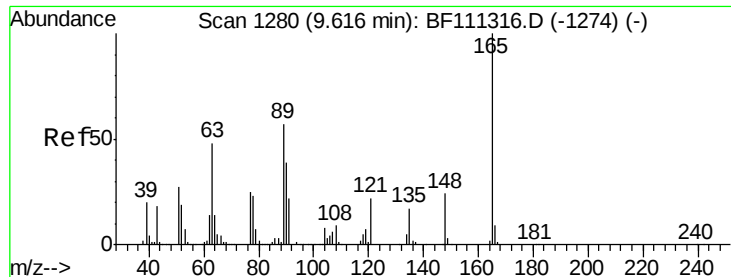
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	33.0	49.4
170	22.1	22.3	33.5#



#46
1,1'-Biphenyl
Concen: 2.850 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	23.7	63.7
76	13.5	0.0	35.0

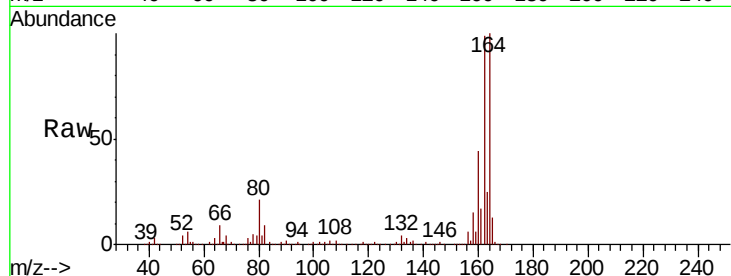




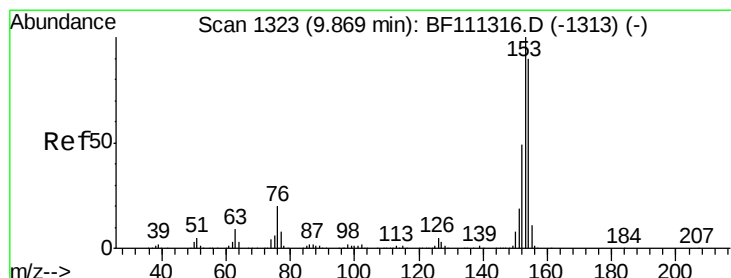
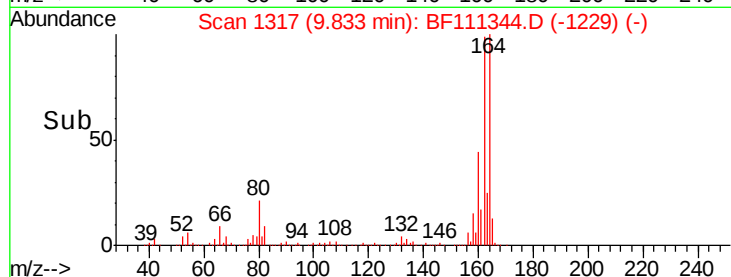
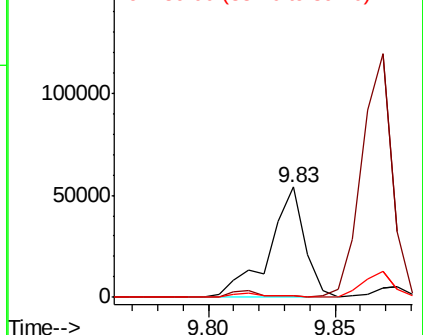
#51
 2,6-Dinitrotoluene
 Concen: 10.064 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.22 min
 Lab File: BF111344.D
 Acq: 13 Dec 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)

Tgt Ion:165 Resp: 53138
 Ion Ratio Lower Upper
 165 100
 63 1.7 40.5 60.7#
 89 1.4 40.0 60.0#

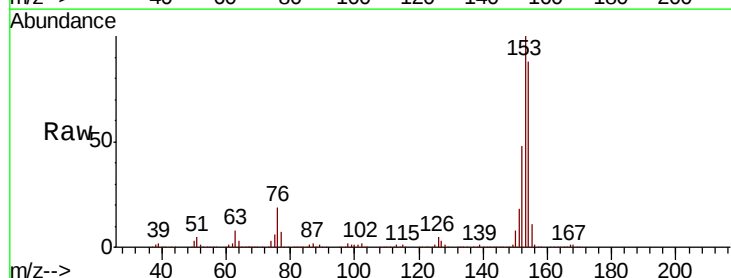


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

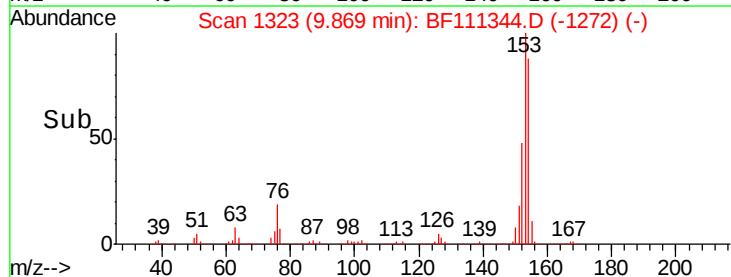
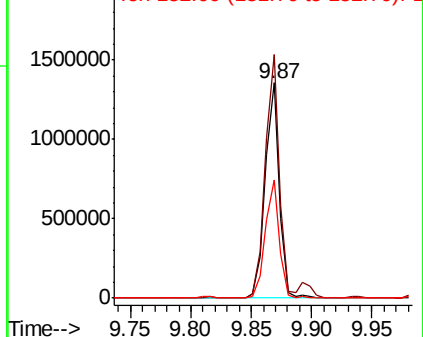


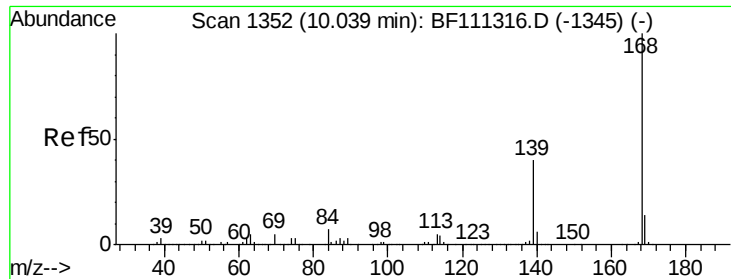
#52
 Acenaphthene
 Concen: 55.629 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF111344.D
 Acq: 13 Dec 2018 1:40

Tgt Ion:154 Resp: 1109511
 Ion Ratio Lower Upper
 154 100
 153 113.1 87.8 131.8
 152 54.6 43.4 65.2



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

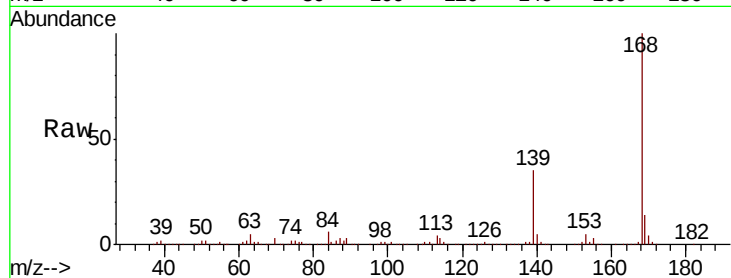




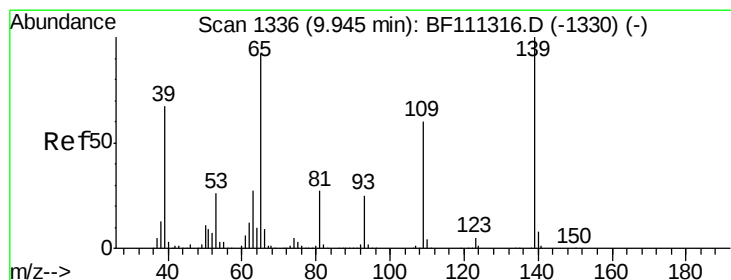
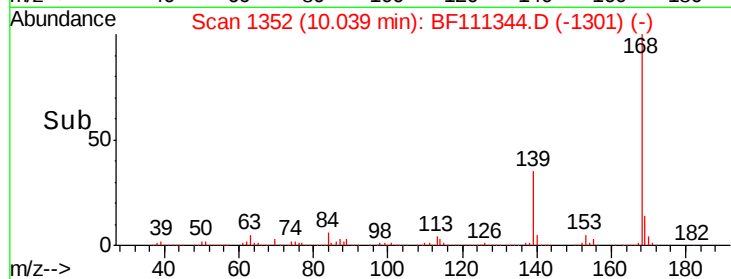
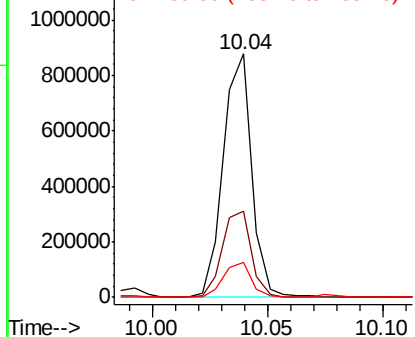
#55
Dibenzenofuran
Concen: 25.932 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

Tgt Ion:168 Resp: 746656
Ion Ratio Lower Upper
168 100
139 35.5 32.6 49.0
169 14.3 11.8 17.6

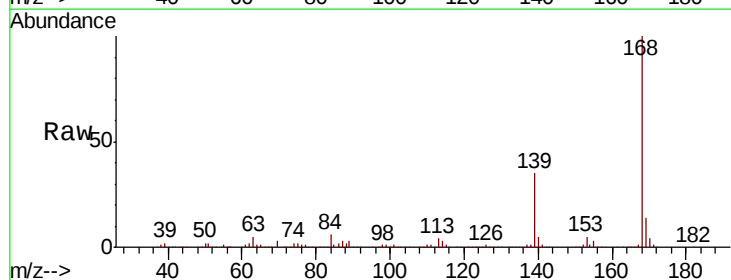


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

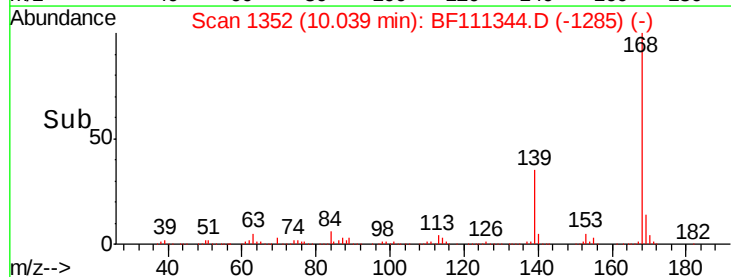
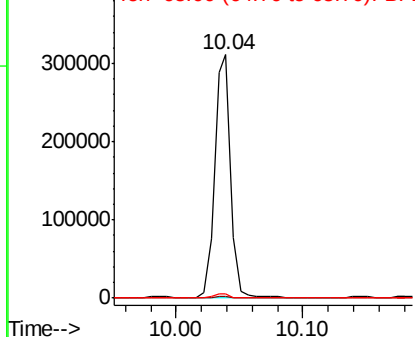


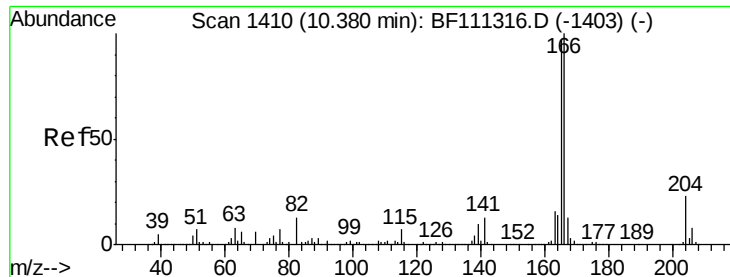
#56
4-Nitrophenol
Concen: 60.750 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.09 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

Tgt Ion:139 Resp: 277643
Ion Ratio Lower Upper
139 100
109 0.6 41.8 81.8#
65 1.7 79.6 119.6#



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: 49.887 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SB-9(0-2)

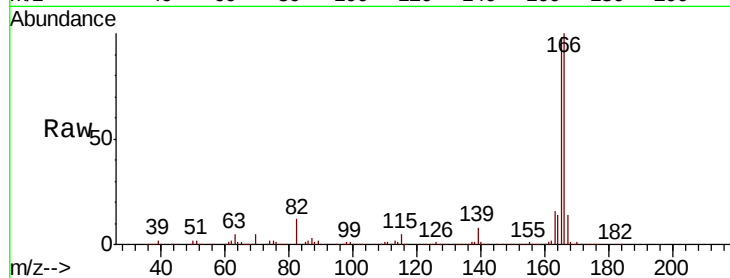
Tgt Ion:166 Resp: 1027533

Ion Ratio Lower Upper

166 100

165 97.7 78.4 117.6

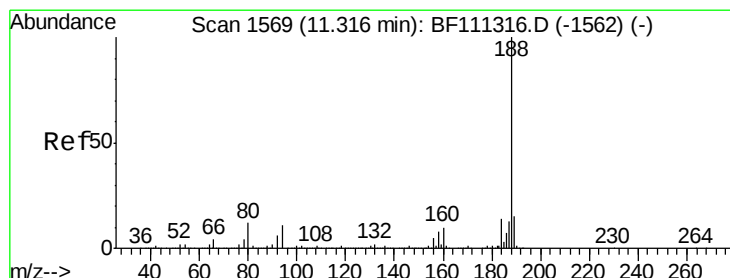
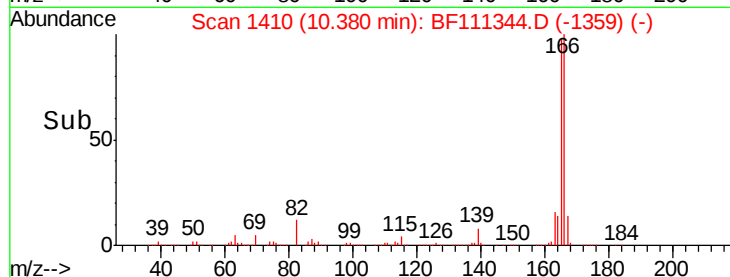
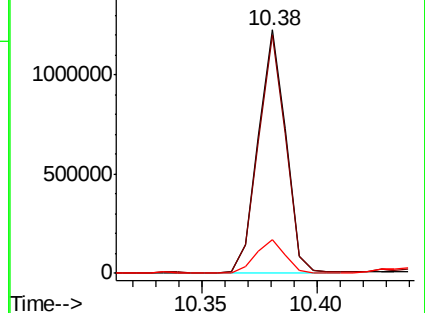
167 14.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

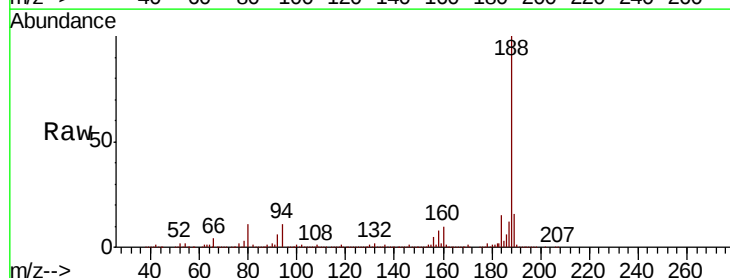
Tgt Ion:188 Resp: 588448

Ion Ratio Lower Upper

188 100

94 11.0 9.6 14.4

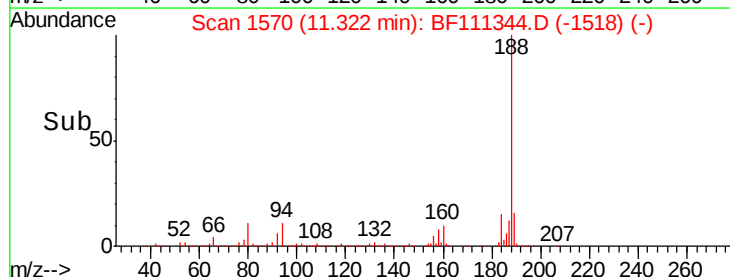
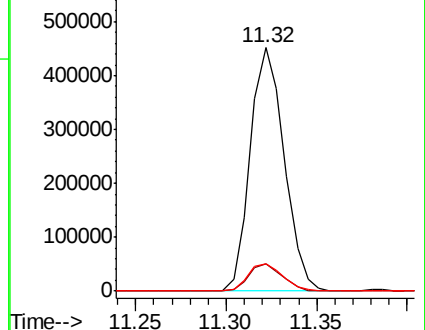
80 11.4 9.8 14.6

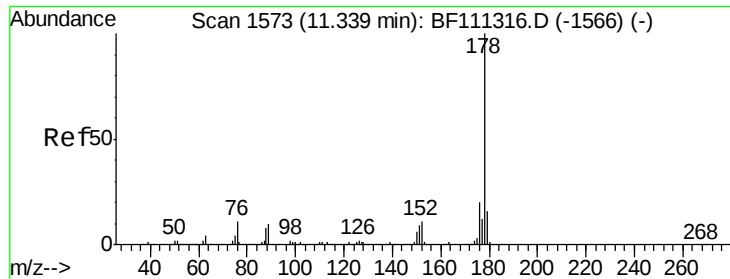


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

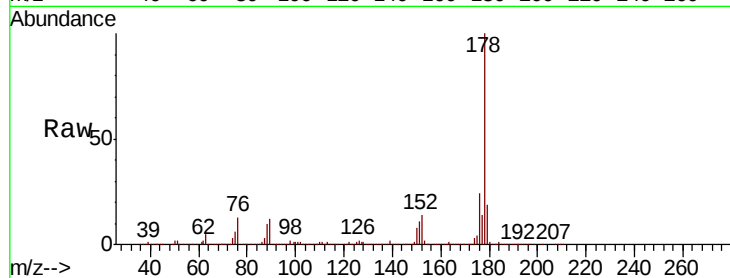




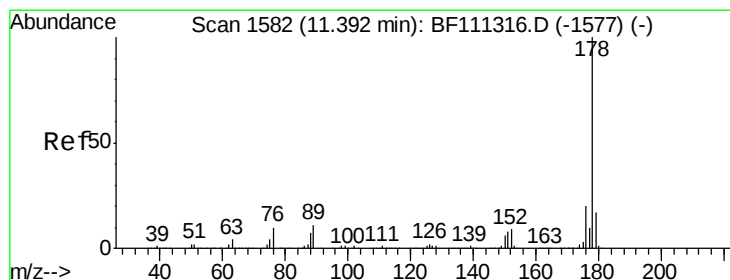
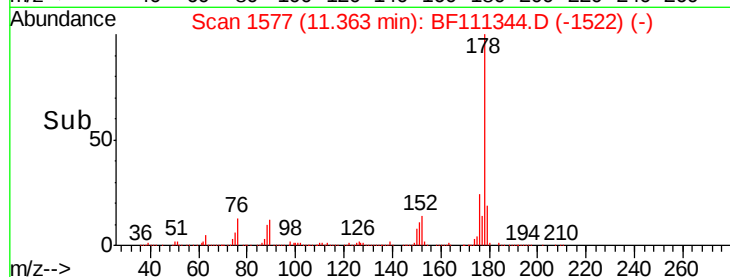
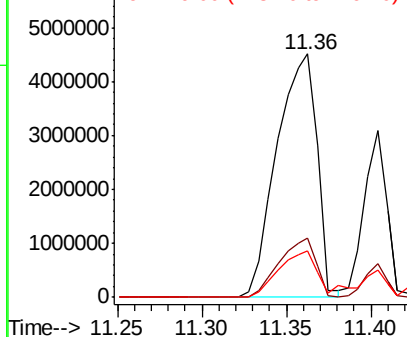
#71
Phenanthrene
Concen: 244.981 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.02 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

Tgt Ion:178 Resp: 7451226
Ion Ratio Lower Upper
178 100
176 24.4 18.1 27.1
179 19.2 14.0 21.0

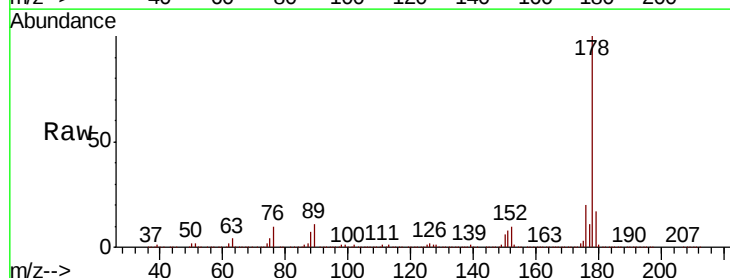


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

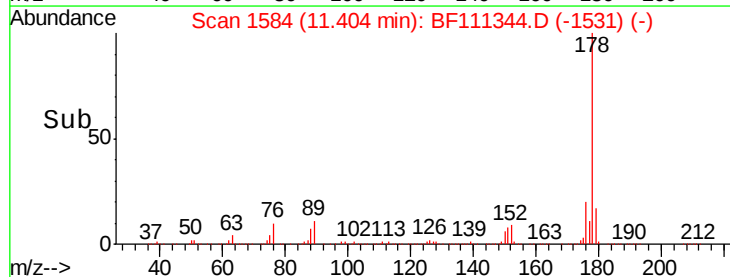
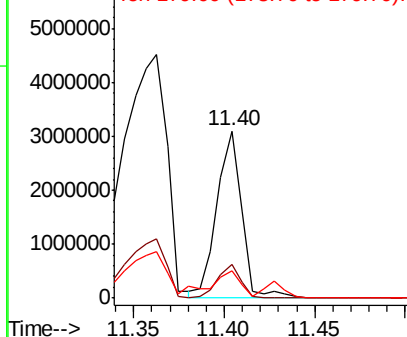


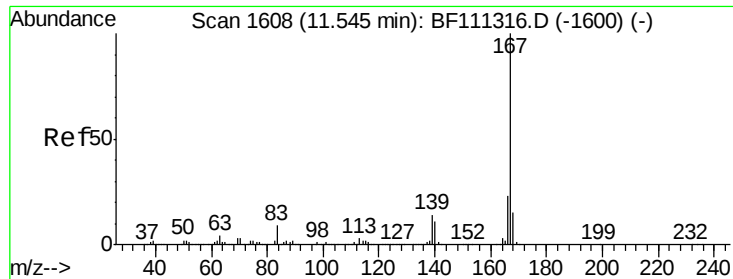
#72
Anthracene
Concen: 94.910 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

Tgt Ion:178 Resp: 2939397
Ion Ratio Lower Upper
178 100
176 20.5 17.2 25.8
179 16.7 13.8 20.8



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

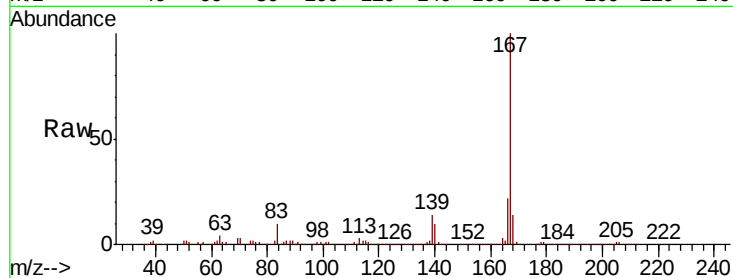




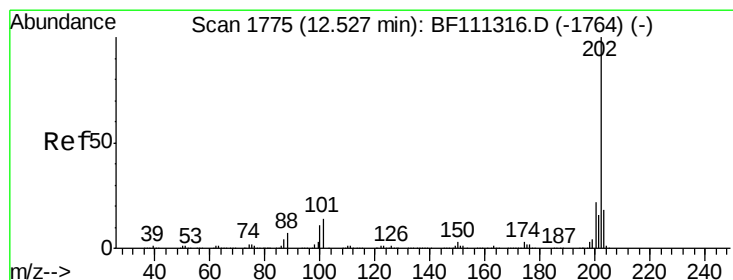
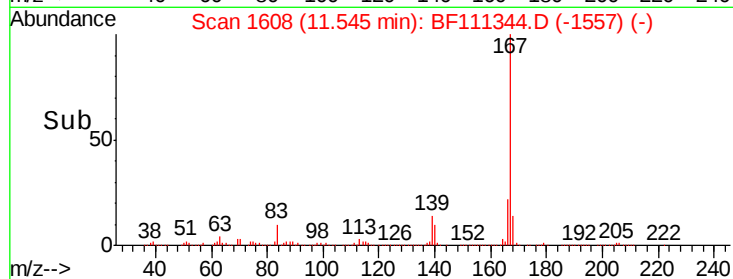
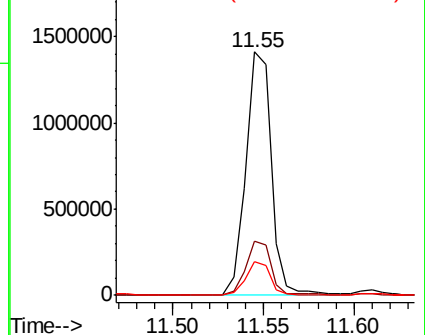
#73
 Carbazole
 Concen: 43.170 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111344.D
 Acq: 13 Dec 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)

Tgt Ion:167 Resp: 1382437
 Ion Ratio Lower Upper
 167 100
 166 22.1 19.3 28.9
 139 13.7 11.9 17.9

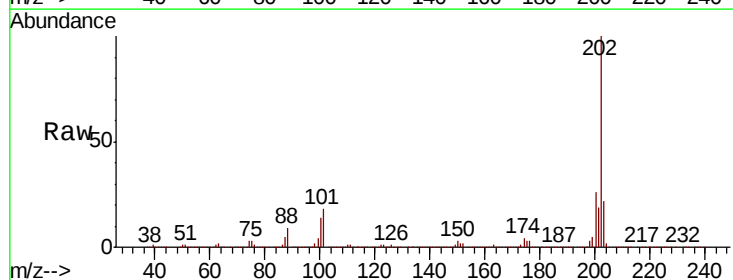


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

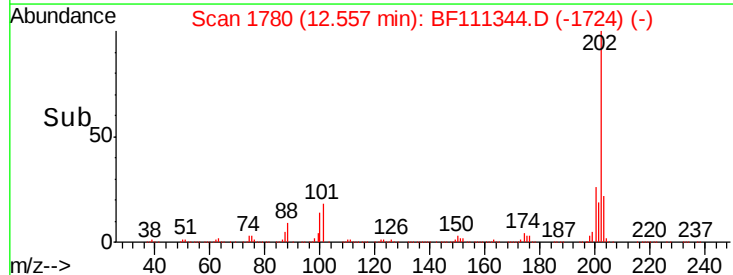
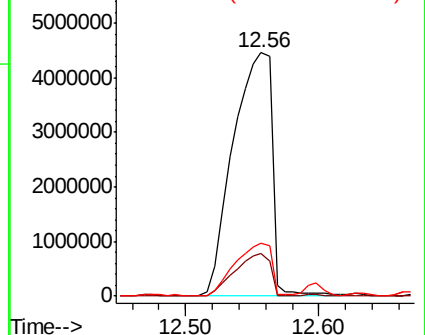


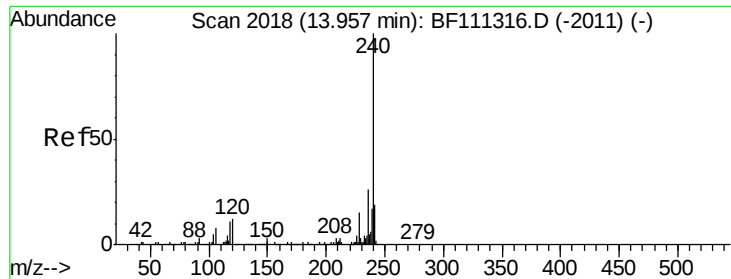
#75
 Fluoranthene
 Concen: 303.164 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.03 min
 Lab File: BF111344.D
 Acq: 13 Dec 2018 1:40

Tgt Ion:202 Resp: 9001703
 Ion Ratio Lower Upper
 202 100
 101 17.7 0.0 33.8
 203 21.7 0.0 38.6



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

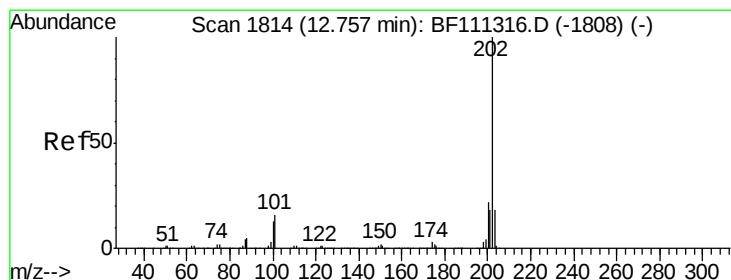
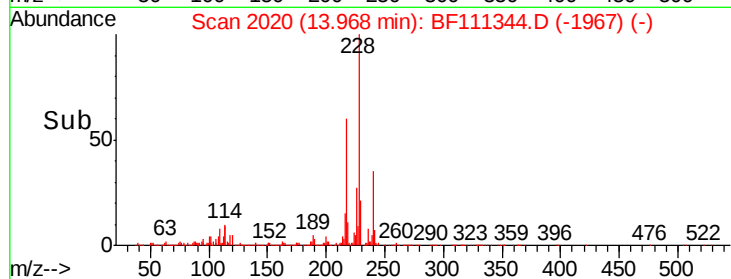
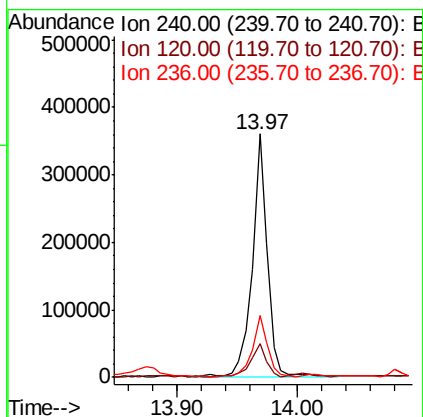
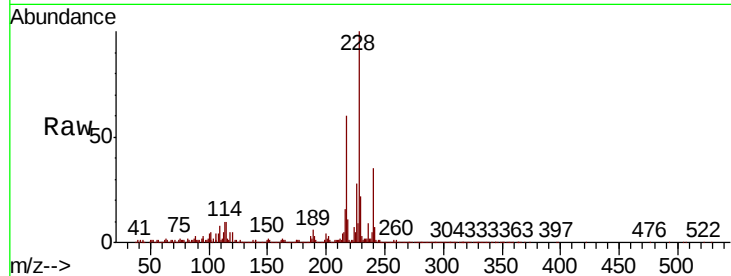




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

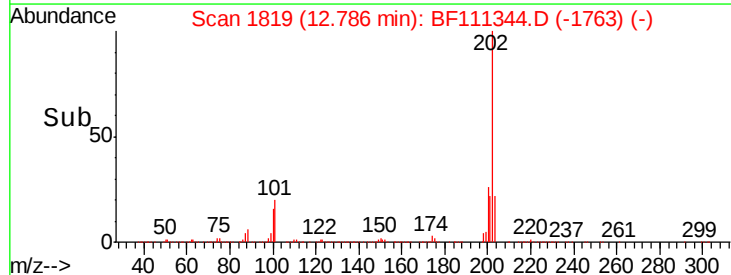
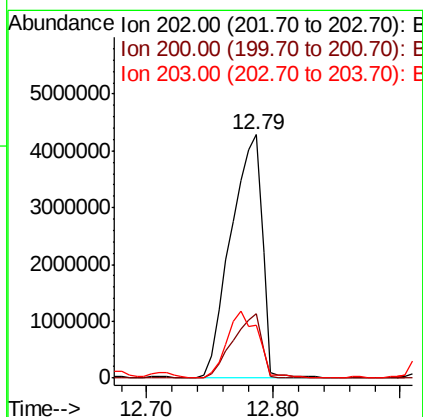
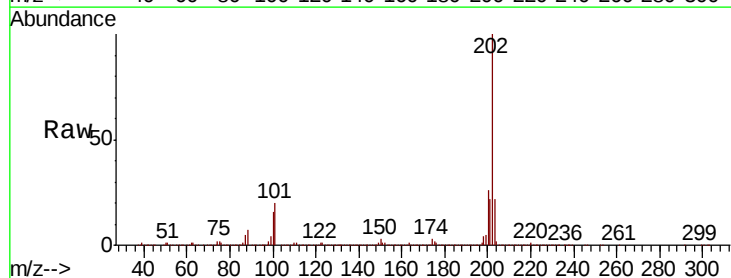
Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

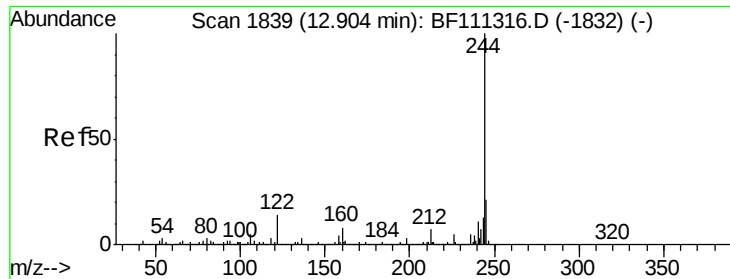
Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	12.2	18.2
236	25.5	20.2	30.2



#78
Pyrene
Concen: 302.878 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.03 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.5	19.0	28.4
203	21.8	15.2	22.8





#79

Terphenyl-d14

Concen: 7.677 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SB-9(0-2)

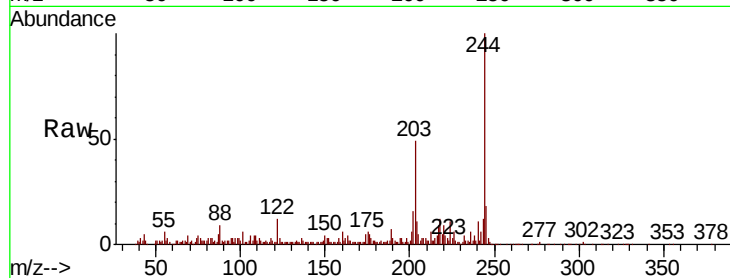
Tgt Ion:244 Resp: 108909

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

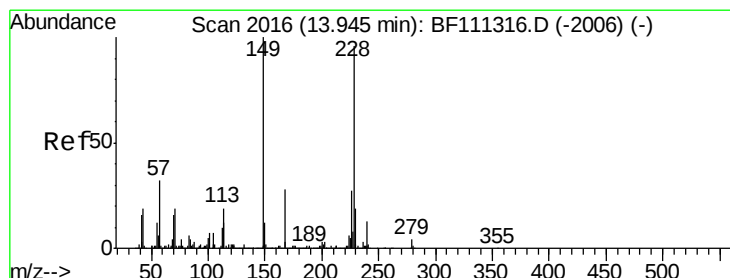
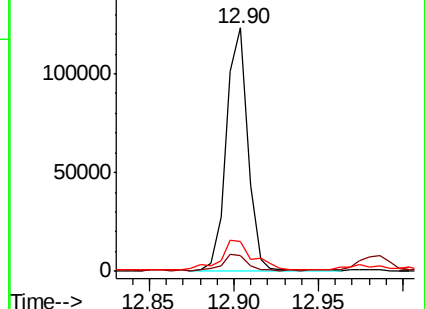
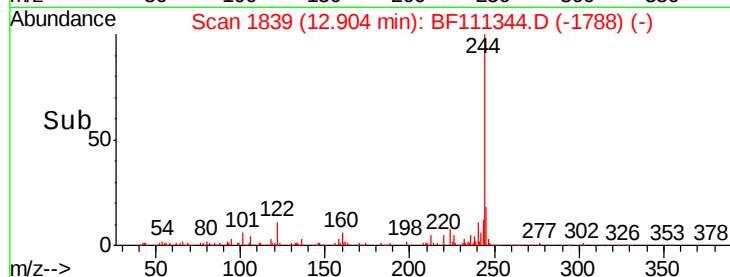
122 12.1 13.1 19.7#



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: 214.292 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

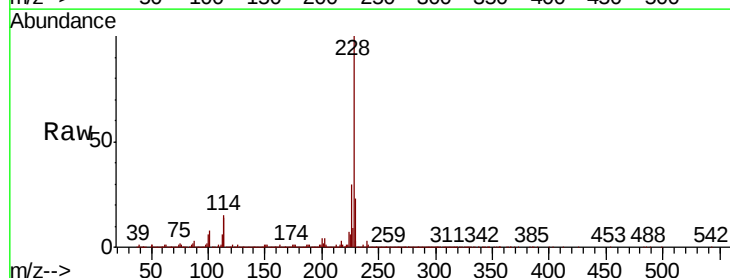
Tgt Ion:228 Resp: 3743619

Ion Ratio Lower Upper

228 100

226 30.5 22.6 34.0

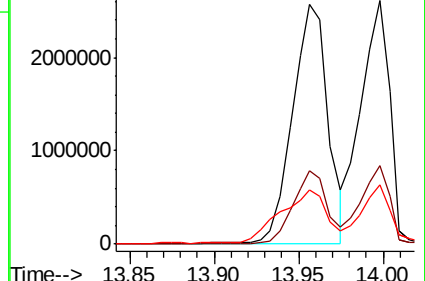
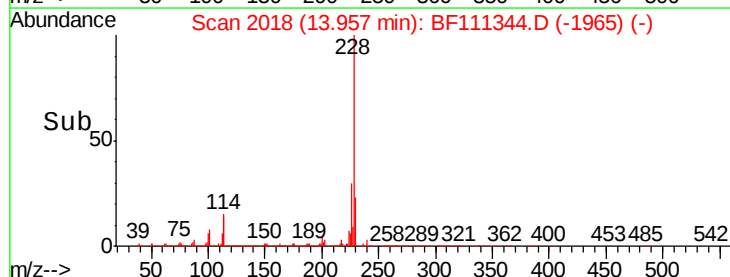
229 22.8 16.3 24.5

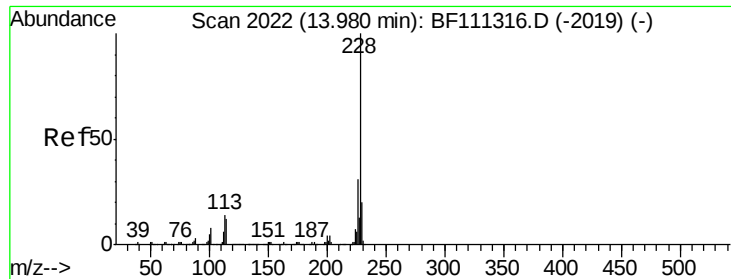


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

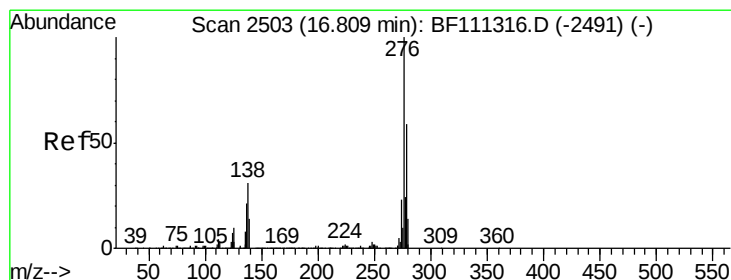
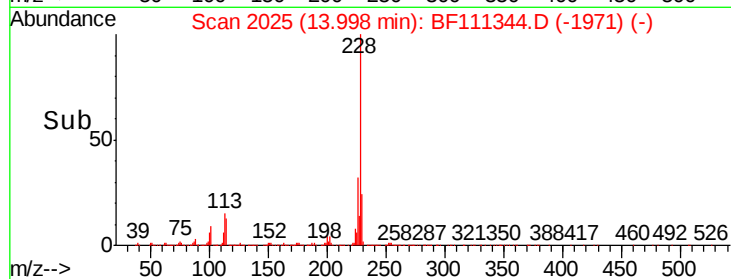
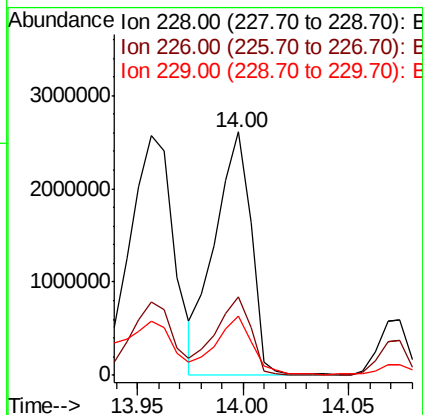
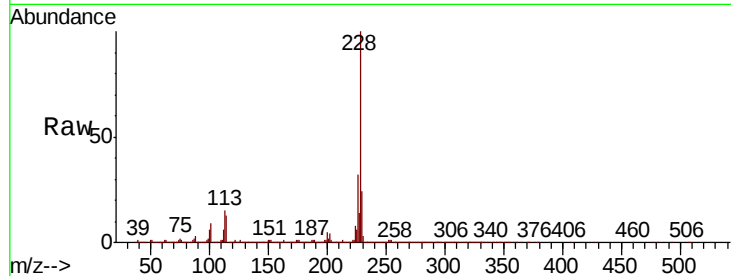




#83
Chrysene
Concen: 173.969 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.02 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

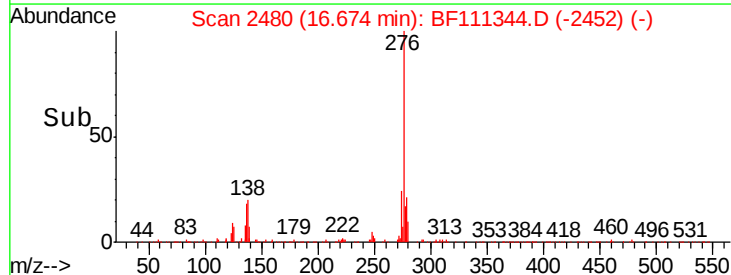
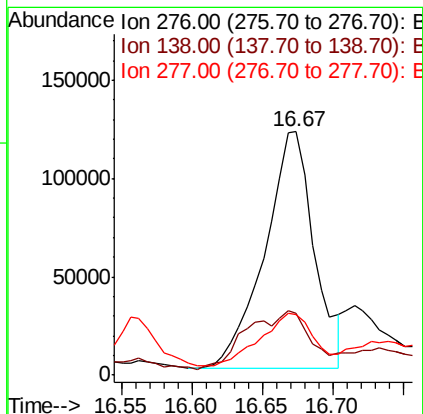
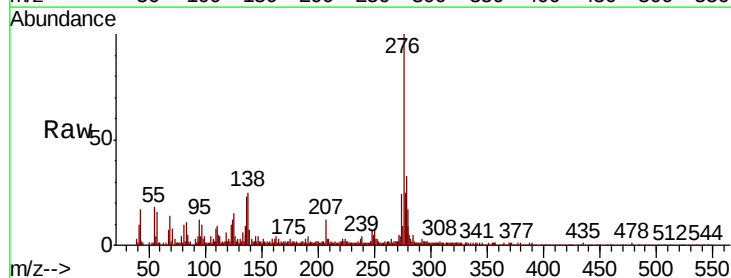
Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

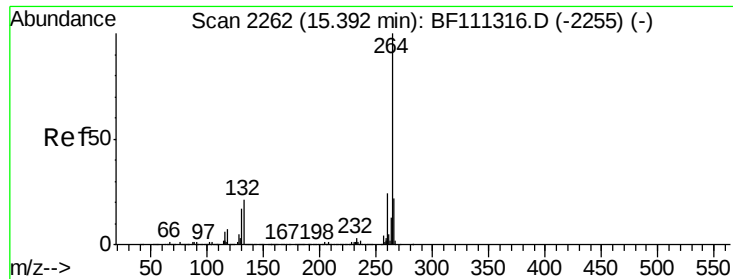
Tgt Ion:228 Resp: 3100741
Ion Ratio Lower Upper
228 100
226 32.4 25.3 37.9
229 24.2 17.2 25.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 21.307 ng
RT: 16.67 min Scan# 2480
Delta R.T. -0.14 min
Lab File: BF111344.D
Acq: 13 Dec 2018 1:40

Tgt Ion:276 Resp: 297019
Ion Ratio Lower Upper
276 100
138 33.1 27.8 41.6
277 23.4 20.1 30.1





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.02 min

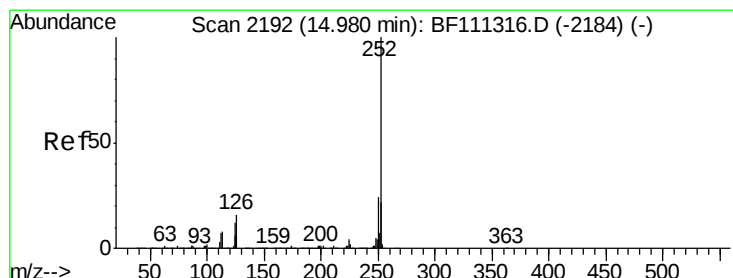
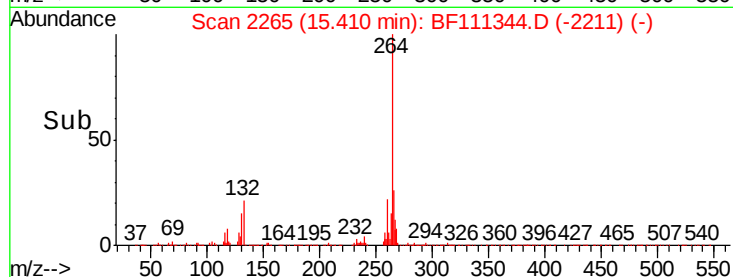
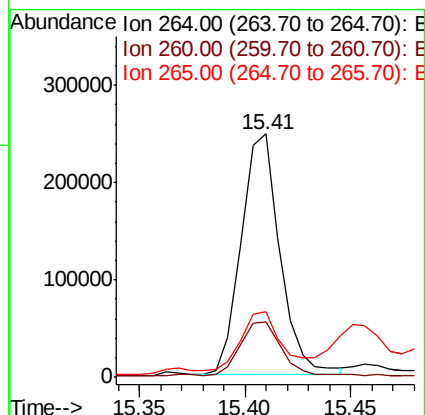
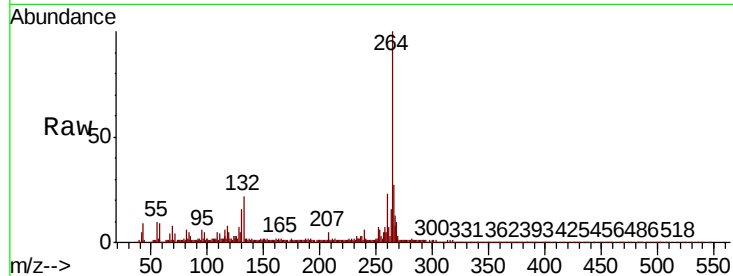
Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

Tgt Ion:264 Resp: 315107

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	27.2	17.7	26.5#



#88

Benzo(b)fluoranthene

Concen: 282.183 ng

RT: 15.00 min Scan# 2196

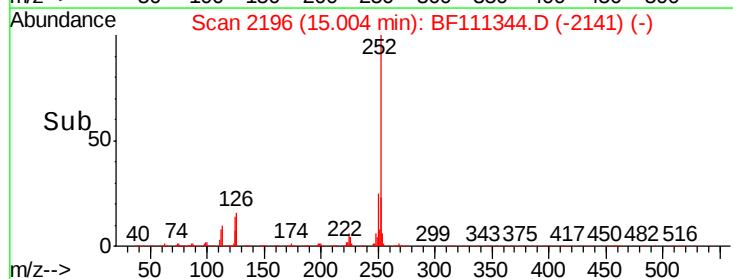
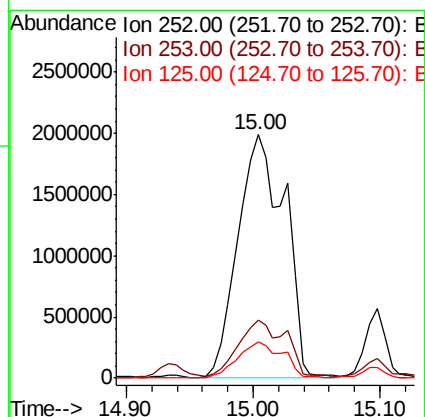
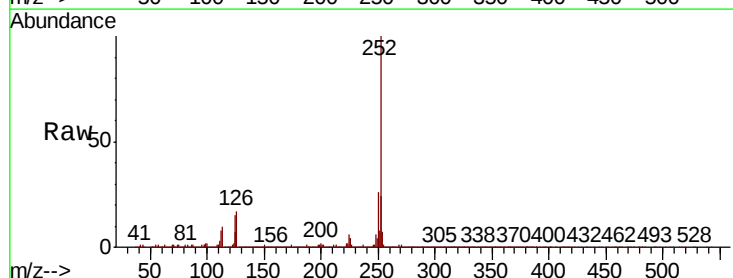
Delta R.T. 0.02 min

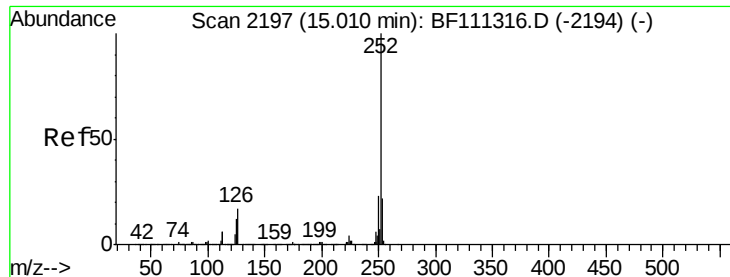
Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

Tgt Ion:252 Resp: 5056174

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	14.8	10.4	15.6





#89

Benzo(k)fluoranthene

Concen: 282.700 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

Instrument :

BNA_F

ClientSampled :

SB-9(0-2)

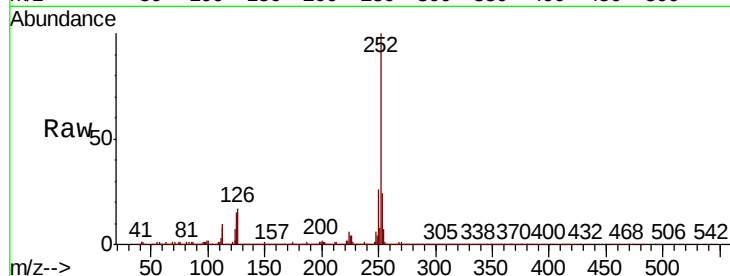
Tgt Ion:252 Resp: 5056174

Ion Ratio Lower Upper

252 100

253 23.6 18.1 27.1

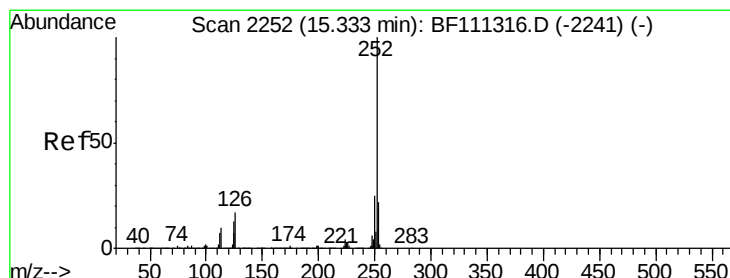
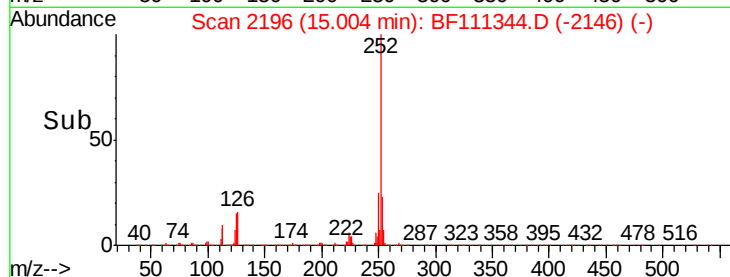
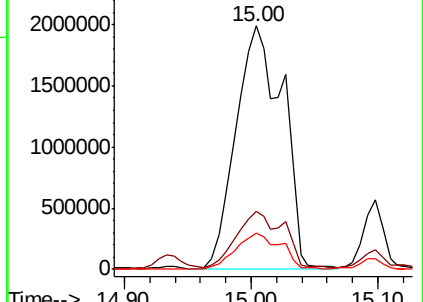
125 14.8 9.8 14.8#



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



#90

Benzo(a)pyrene

Concen: 157.890 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.03 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

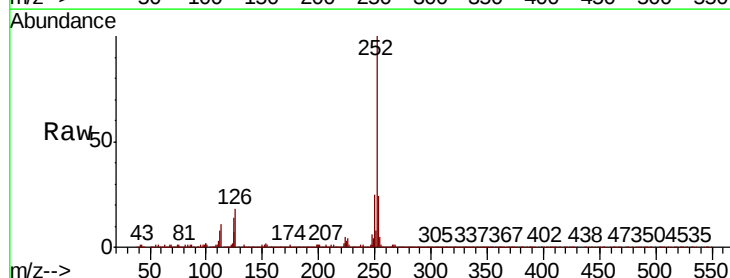
Tgt Ion:252 Resp: 2634154

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.8

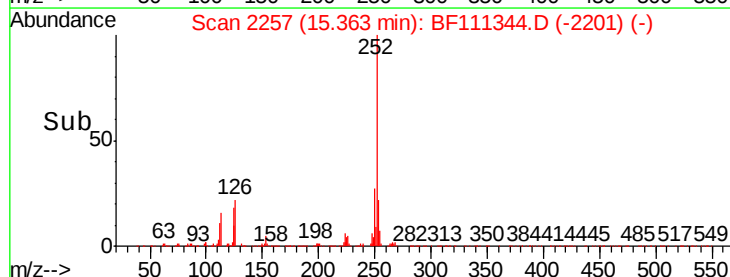
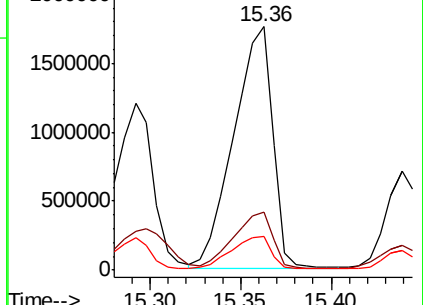
125 13.7 12.3 18.5

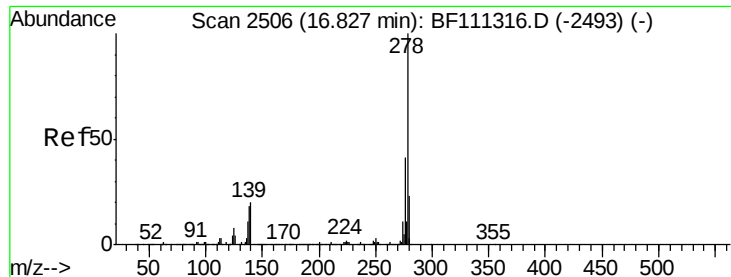


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 8.874 ng

RT: 16.79 min Scan# 2499

Delta R.T. -0.04 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SB-9(0-2)

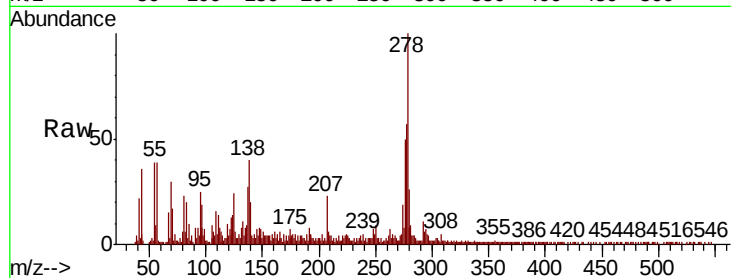
Tgt Ion:278 Resp: 123174

Ion Ratio Lower Upper

278 100

139 20.1 18.2 27.4

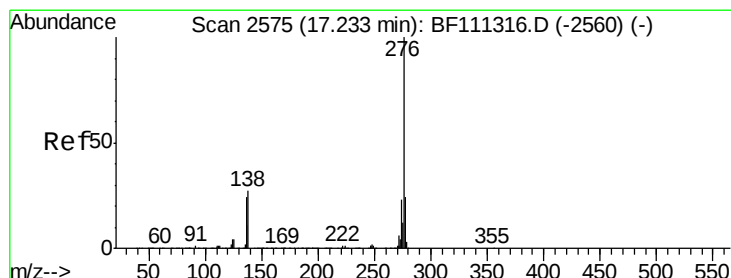
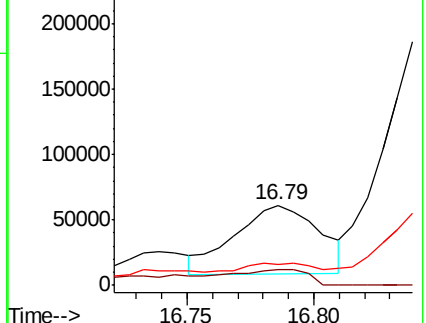
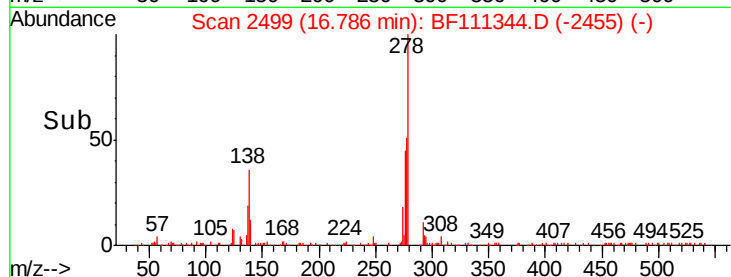
279 26.3 19.0 28.6



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(g,h,i)perylene

Concen: 99.330 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.04 min

Lab File: BF111344.D

Acq: 13 Dec 2018 1:40

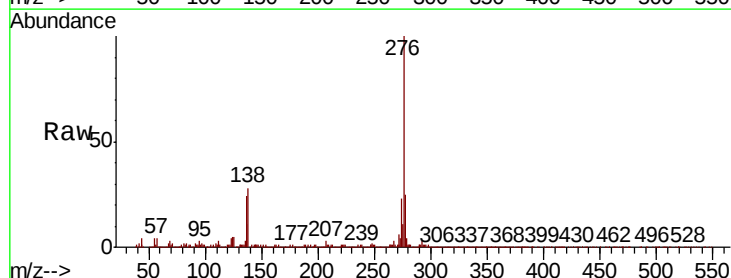
Tgt Ion:276 Resp: 1378463

Ion Ratio Lower Upper

276 100

277 25.1 19.2 28.8

138 28.3 24.9 37.3



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

