

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
 Data File : BF112356.D
 Acq On : 1 Feb 2019 17:24
 Operator : JU/SJ
 Sample : K1299-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0040-AMND-COMP-3

Quant Time: Feb 01 23:20:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	159401	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	612266	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	295393	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	535829	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	316058	20.00	ng	0.00
87) Perylene-d12	15.47	264	349922	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	639856	85.26	ng	0.00
7) Phenol-d6	6.49	99	1319578	126.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	941476	88.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	198043	57.60	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1446200	69.24	ng	-0.01
79) Terphenyl-d14	12.94	244	1329854	79.25	ng	0.00

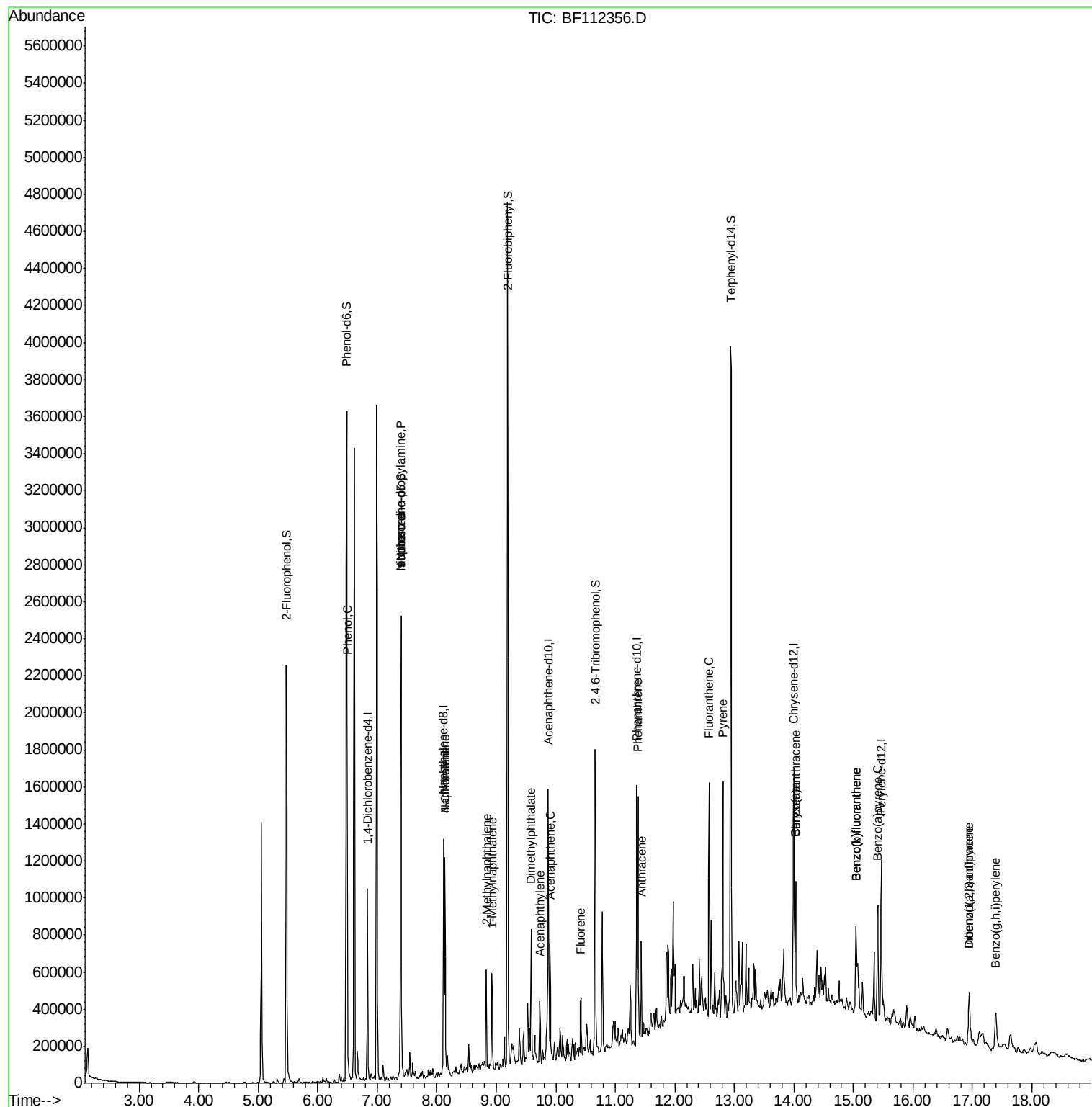
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.50	94	103124	9.014	ng	# 75
19) n-Nitroso-di-n-propylamine	7.40	70	125926	17.513	ng	# 78
25) Isophorone	7.40	82	941476	56.478	ng	# 64
31) Naphthalene	8.14	128	512778	17.909	ng	99
33) 4-Chloroaniline	8.14	127	69281	5.557	ng	# 39
37) 2-Methylnaphthalene	8.83	142	169274	8.636	ng	100
38) 1-Methylnaphthalene	8.93	142	137828	7.336	ng	96
49) Acenaphthylene	9.73	152	107281	3.655	ng	97
50) Dimethylphthalate	9.59	163	253398	11.041	ng	98
52) Acenaphthene	9.90	154	116261	6.631	ng	97
58) Fluorene	10.42	166	89863	4.482	ng	98
71) Phenanthrene	11.38	178	508427	18.251	ng	98
72) Anthracene	11.43	178	197305	7.110	ng	97
75) Fluoranthene	12.57	202	441086	14.763	ng	98
78) Pyrene	12.80	202	496797	22.703	ng	98
81) Benzo(a)anthracene	14.03	228	231115	12.439	ng	96
83) Chrysene	14.03	228	231115	13.031	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	154825	11.017	ng	# 94
88) Benzo(b)fluoranthene	15.04	252	373235	17.835	ng	# 97
89) Benzo(k)fluoranthene	15.04	252	373235	18.620	ng	97
90) Benzo(a)pyrene	15.41	252	304889	16.192	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	45231	2.980	ng	# 74
92) Benzo(g,h,i)perylene	17.39	276	156890	10.958	ng	96

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

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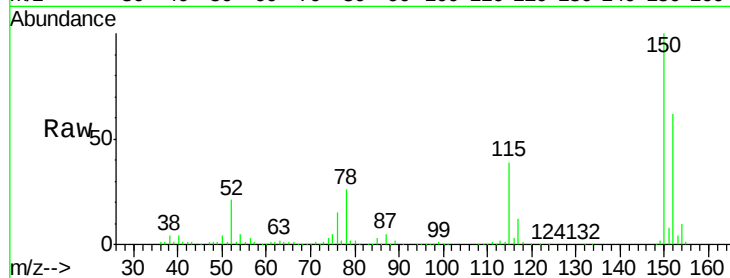


#1

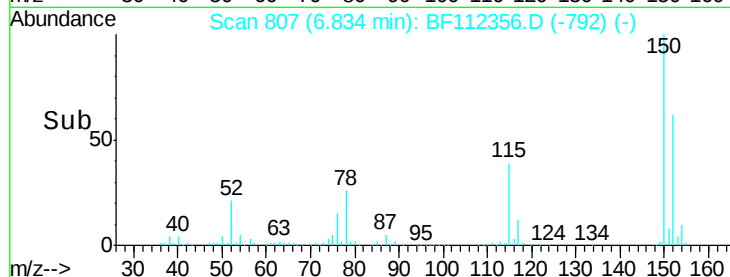
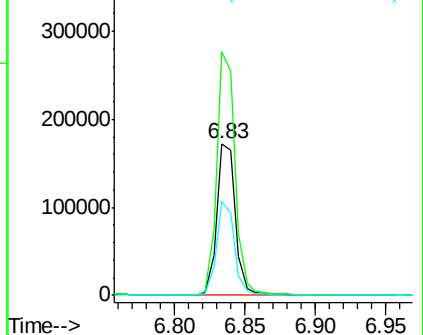
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112356.D
 Acq: 1 Feb 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 0040-AMND-COMP-3

Tgt Ion:152 Resp: 159401
 Ion Ratio Lower Upper
 152 100
 150 160.7 127.4 191.0
 115 61.9 45.5 68.3



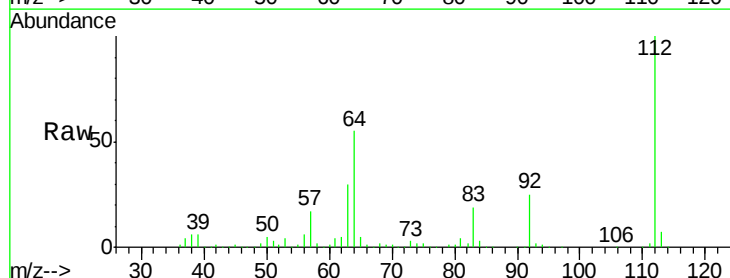
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



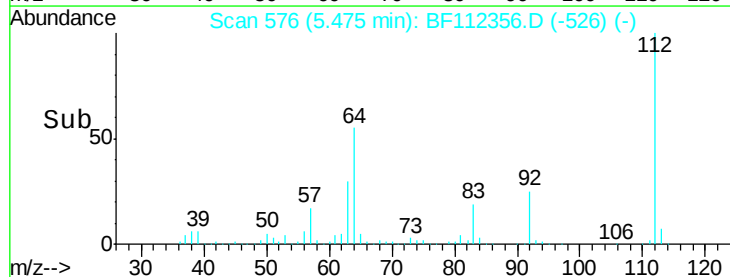
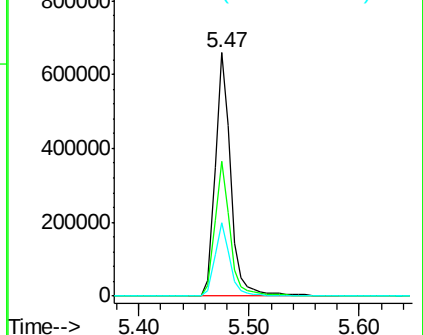
#5

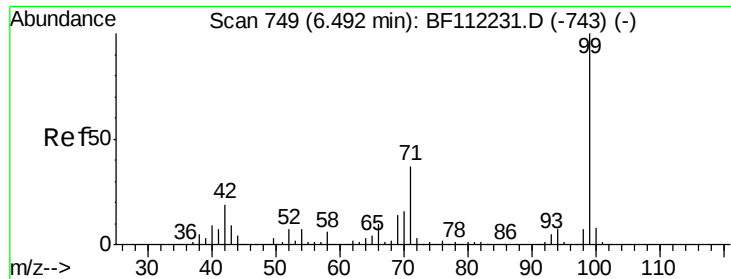
2-Fluorophenol
 Concen: 85.263 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112356.D
 Acq: 1 Feb 2019 17:24

Tgt Ion:112 Resp: 639856
 Ion Ratio Lower Upper
 112 100
 64 55.4 45.7 68.5
 63 30.3 23.6 35.4



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: 126.543 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

Instrument :

BNA_F

ClientSampleId :

0040-AMND-COMP-3

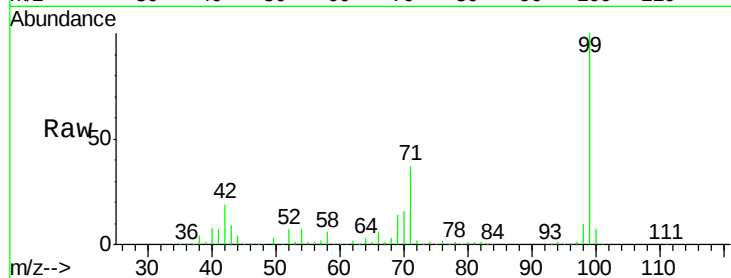
Tgt Ion: 99 Resp: 1319578

Ion Ratio Lower Upper

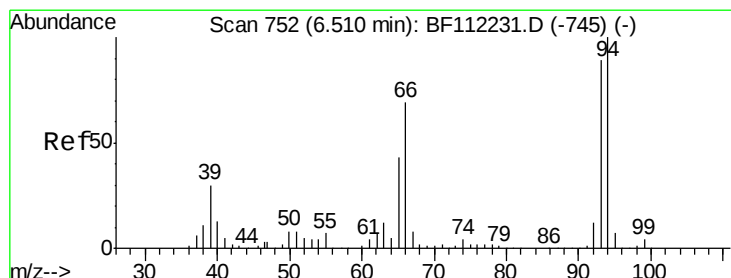
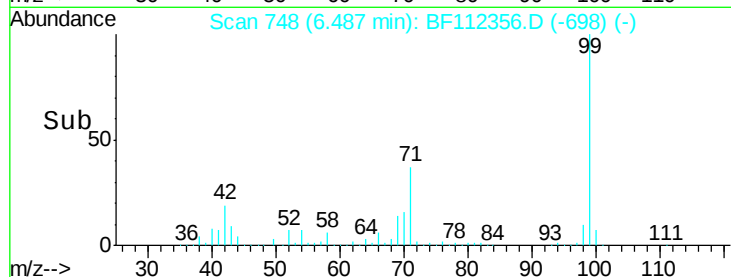
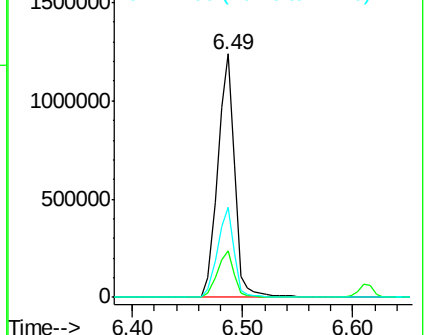
99 100

42 18.8 15.1 22.7

71 37.1 26.9 40.3



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



#10

Phenol

Concen: 9.014 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

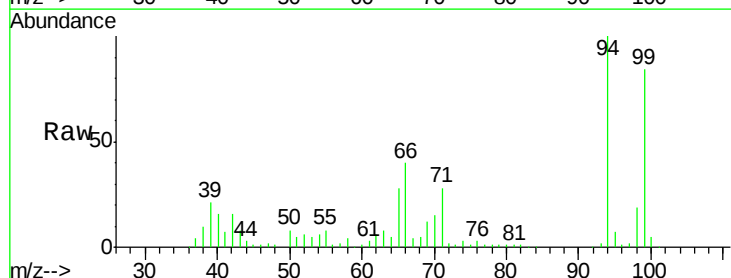
Tgt Ion: 94 Resp: 103124

Ion Ratio Lower Upper

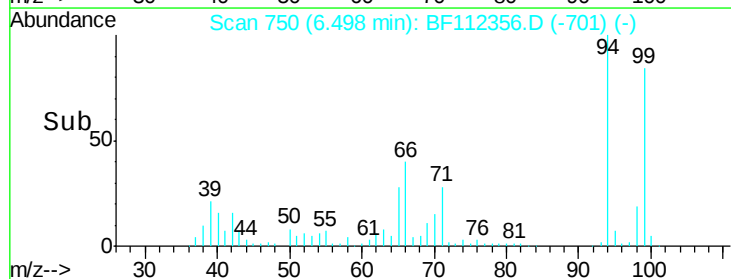
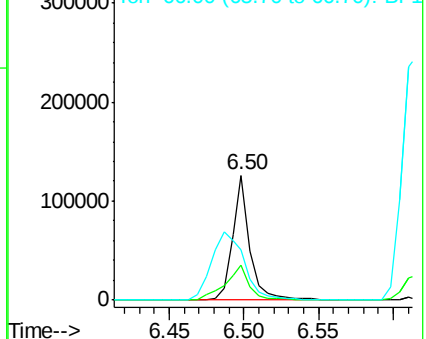
94 100

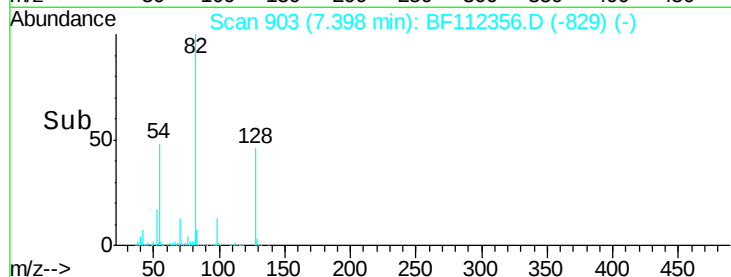
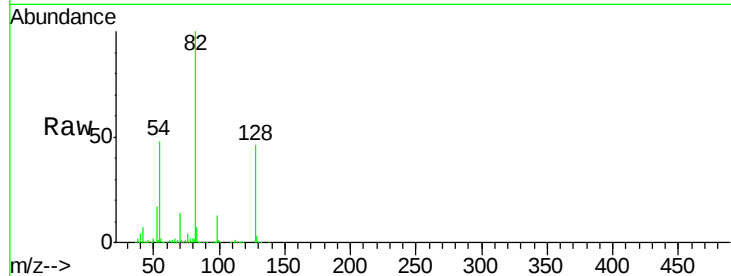
65 28.1 20.3 60.3

66 40.2 42.4 82.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

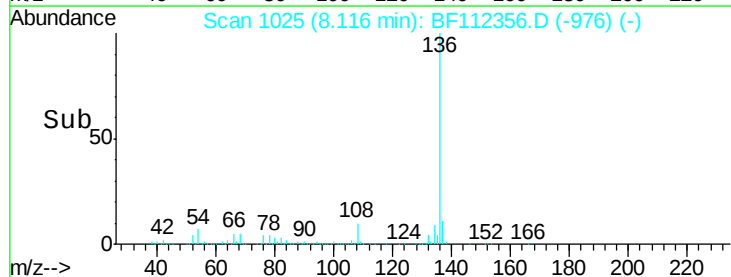
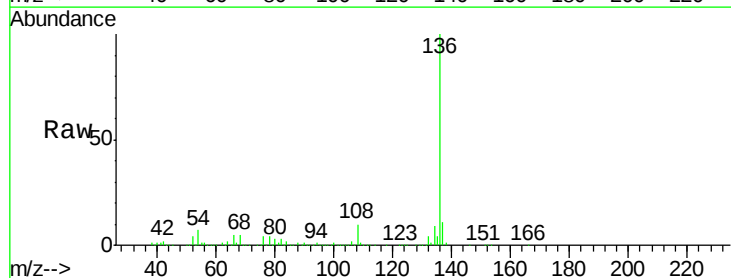
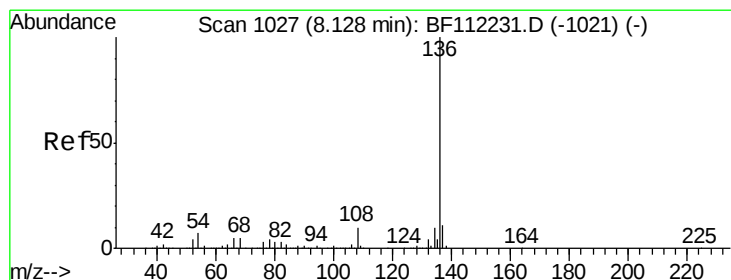
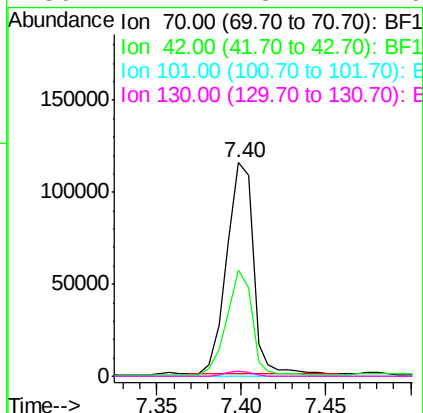




#19
n-Nitroso-di-n-propylamine
Concen: 17.513 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

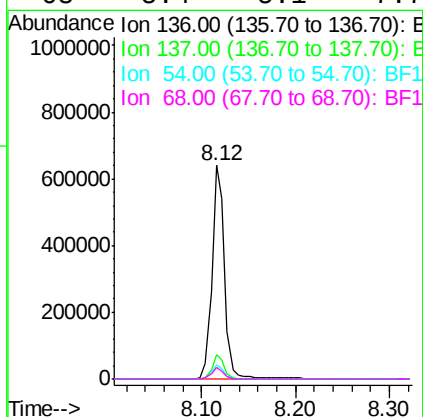
Instrument :
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0040-AMND-COMP-3

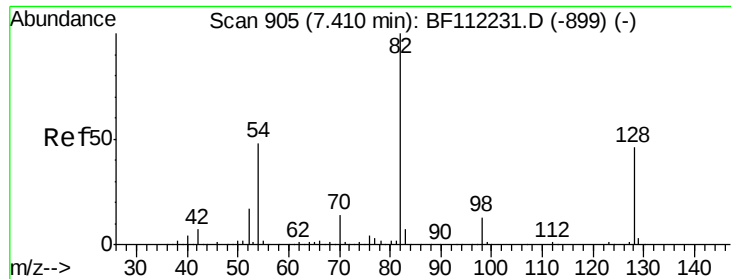
Tgt Ion: 70 Resp: 125926
Ion Ratio Lower Upper
70 100
42 49.5 47.6 71.4
101 0.0 7.9 11.9#
130 2.7 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion: 136 Resp: 612266
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 6.9 5.9 8.9
68 5.4 5.1 7.7

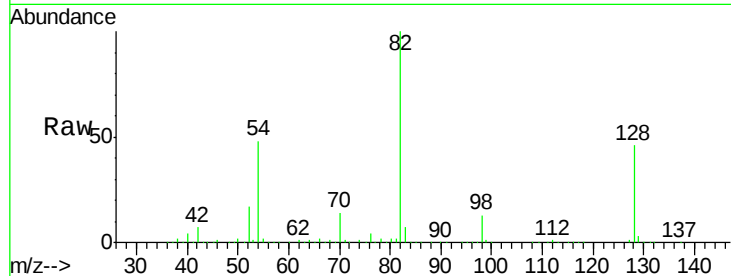




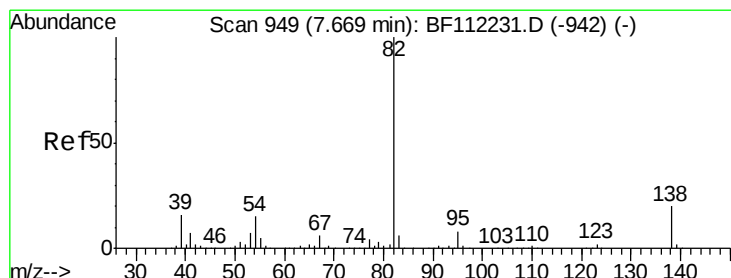
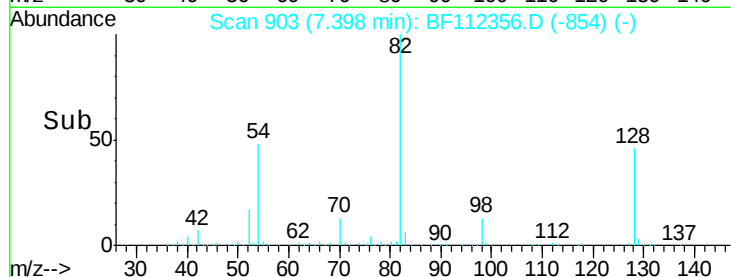
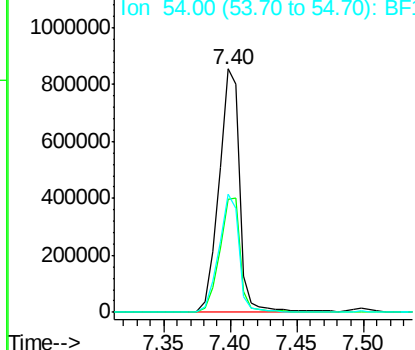
#23
 Nitrobenzene-d5
 Concen: 88.601 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112356.D
 Acq: 1 Feb 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 0040-AMND-COMP-3

Tgt Ion: 82 Resp: 941476
 Ion Ratio Lower Upper
 82 100
 128 46.2 37.8 56.8
 54 48.4 39.7 59.5

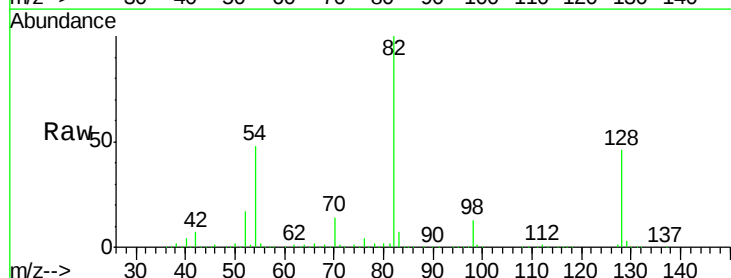


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

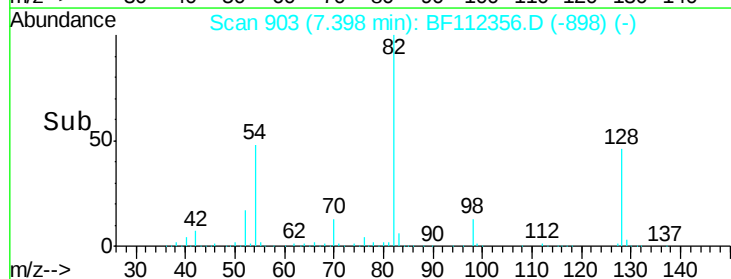
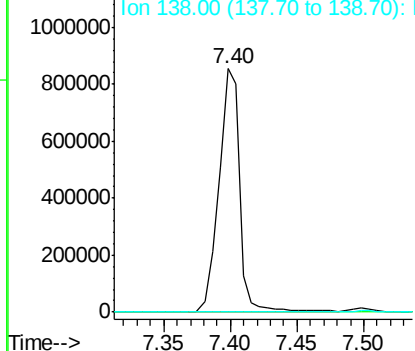


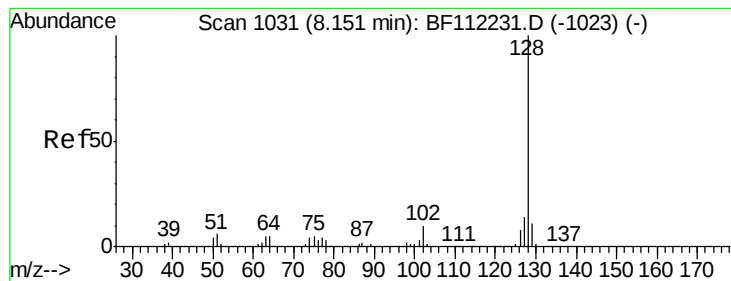
#25
 Isophorone
 Concen: 56.478 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112356.D
 Acq: 1 Feb 2019 17:24

Tgt Ion: 82 Resp: 941476
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.7 8.5#
 138 0.0 15.4 23.0#



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: 17.909 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

Instrument :

BNA_F

ClientSampleId :

0040-AMND-COMP-3

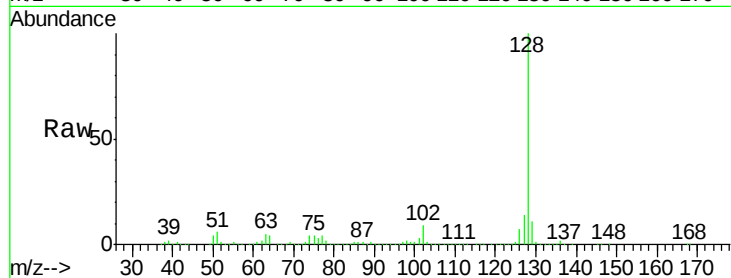
Tgt Ion:128 Resp: 512778

Ion Ratio Lower Upper

128 100

129 10.9 9.6 14.4

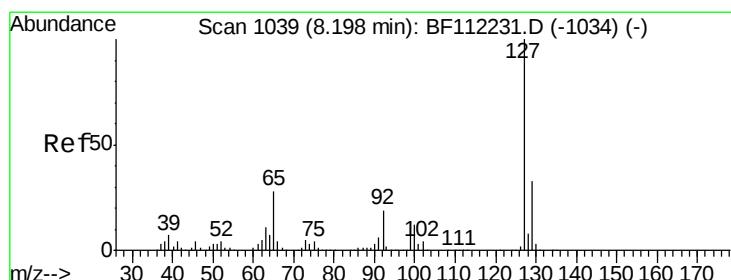
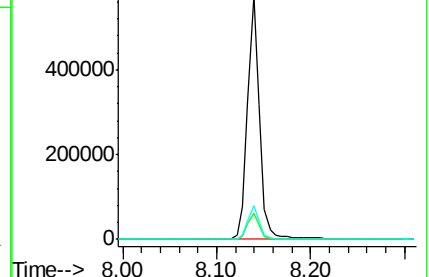
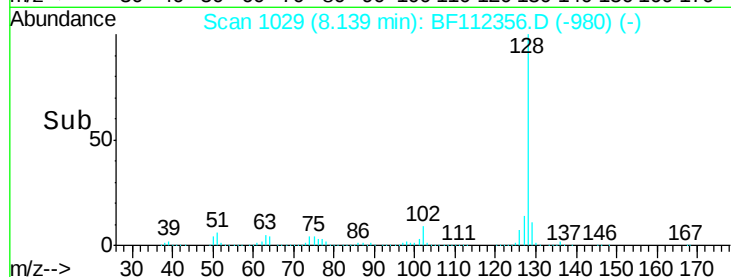
127 13.8 11.1 16.7



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: 5.557 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

Tgt Ion:127 Resp: 69281

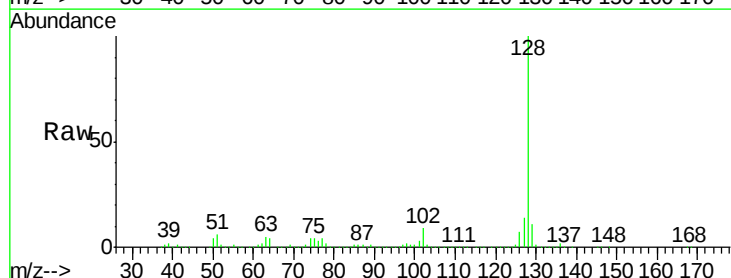
Ion Ratio Lower Upper

127 100

129 79.2 26.6 39.8#

65 0.0 21.4 32.2#

92 0.6 14.2 21.2#

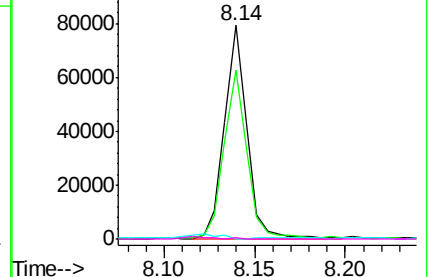
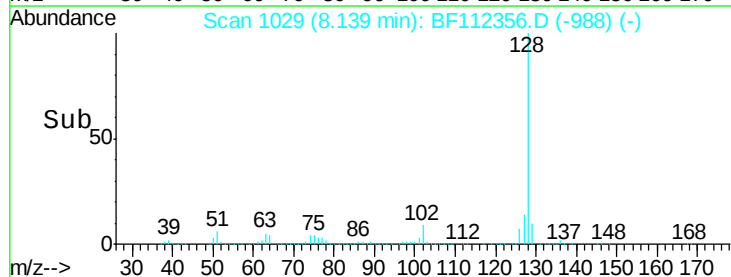


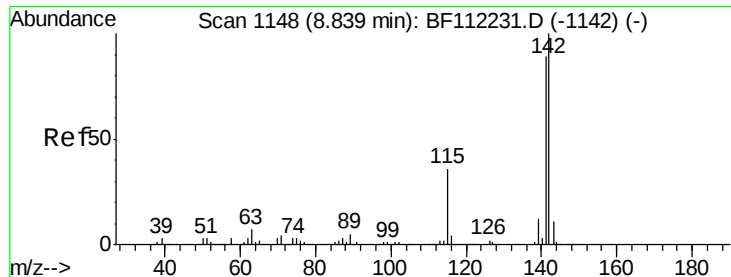
Abundance Ion 127.00 (126.70 to 127.70): E

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

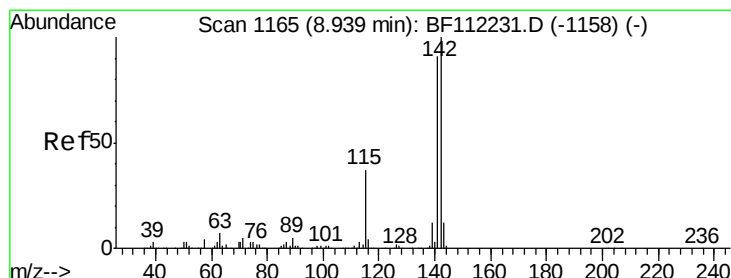
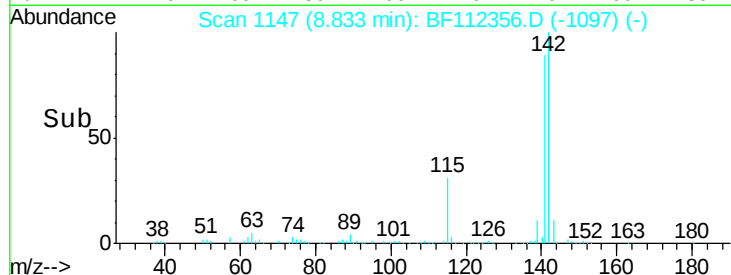
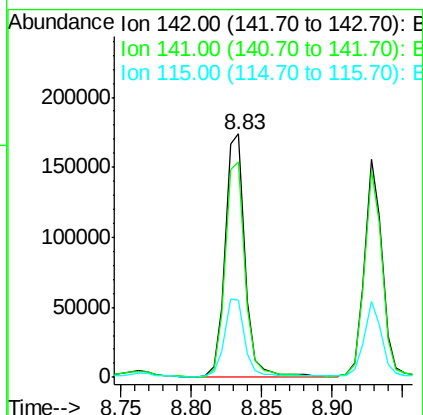
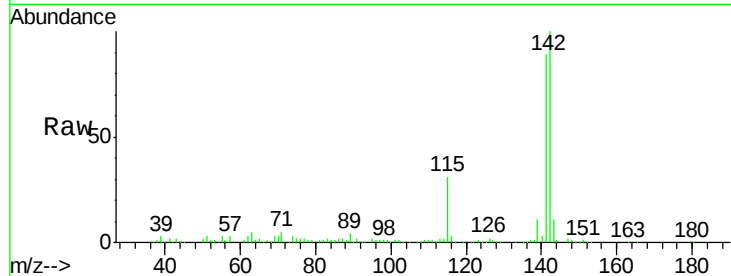




#37
 2-Methylnaphthalene
 Concen: 8.636 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF112356.D
 Acq: 1 Feb 2019 17:24

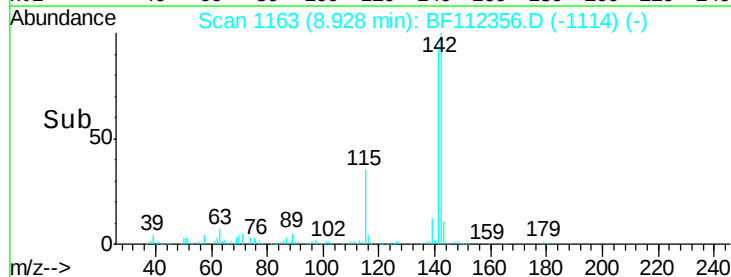
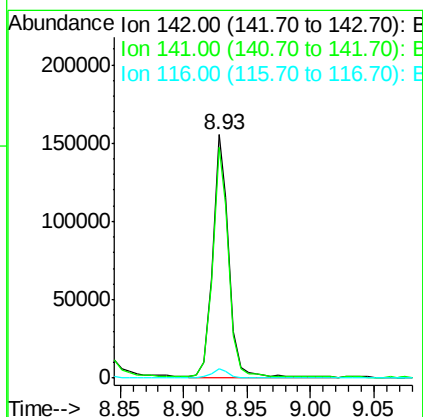
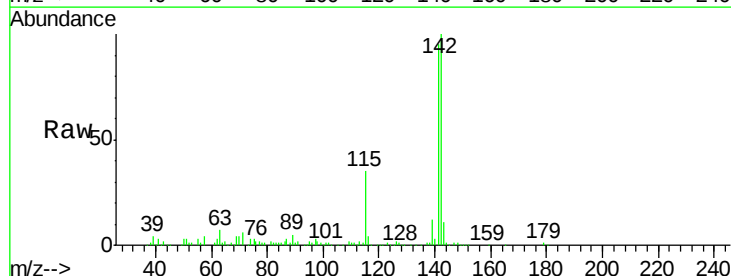
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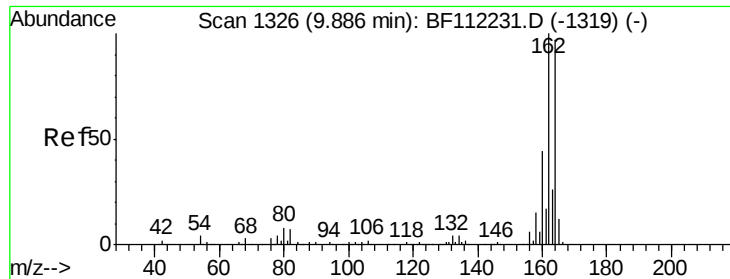
Tgt Ion:142 Resp: 169274
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.9 106.3
 115 31.5 24.9 37.3



#38
 1-Methylnaphthalene
 Concen: 7.336 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF112356.D
 Acq: 1 Feb 2019 17:24

Tgt Ion:142 Resp: 137828
 Ion Ratio Lower Upper
 142 100
 141 94.8 72.6 108.8
 116 4.0 2.8 4.2

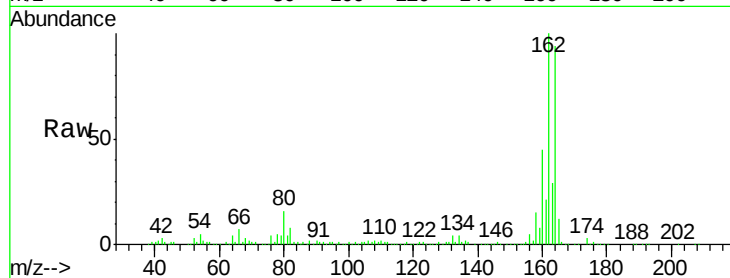




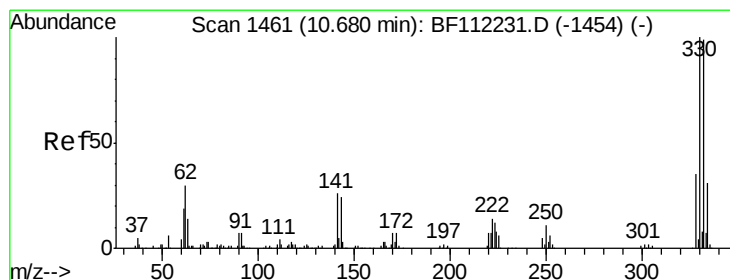
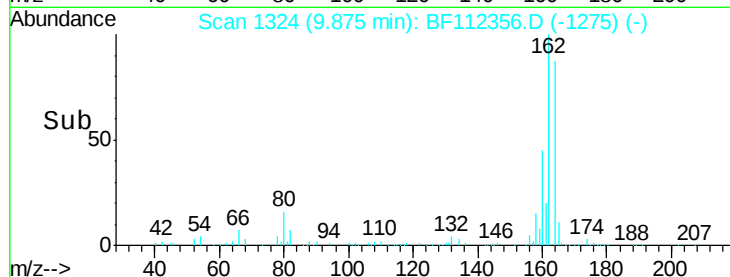
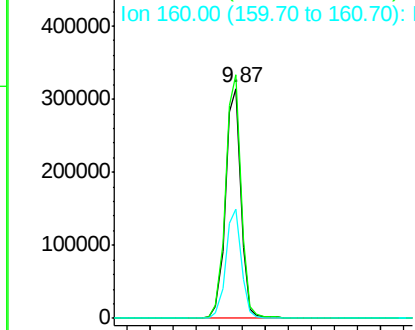
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112356.D
 Acq: 1 Feb 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 0040-AMND-COMP-3

Tgt Ion:164 Resp: 295393
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.2 123.4
 160 47.4 36.2 54.4

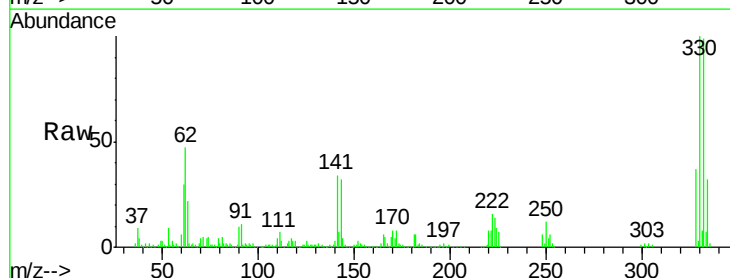


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

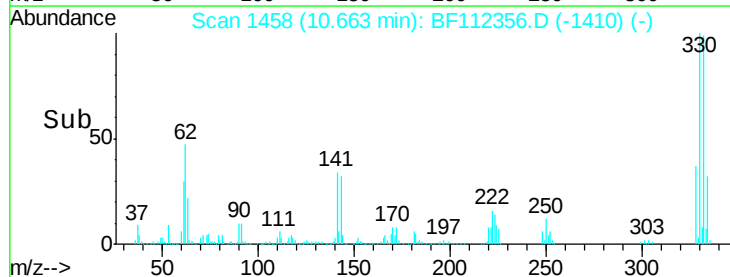
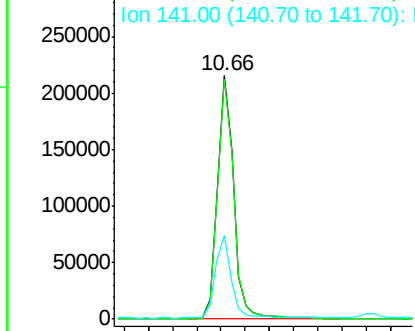


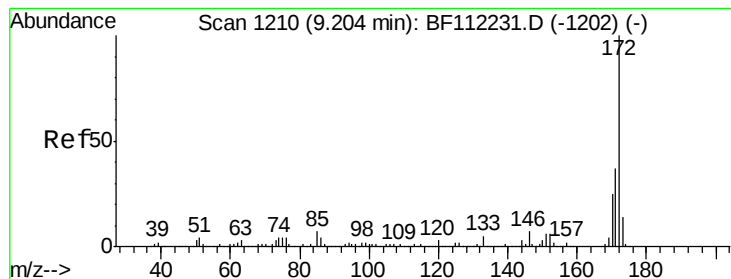
#42
 2,4,6-Tribromophenol
 Concen: 57.599 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112356.D
 Acq: 1 Feb 2019 17:24

Tgt Ion:330 Resp: 198043
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.6 114.8
 141 34.0 24.3 36.5



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: 69.244 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

Instrument :

BNA_F

ClientSampleId :

0040-AMND-COMP-3

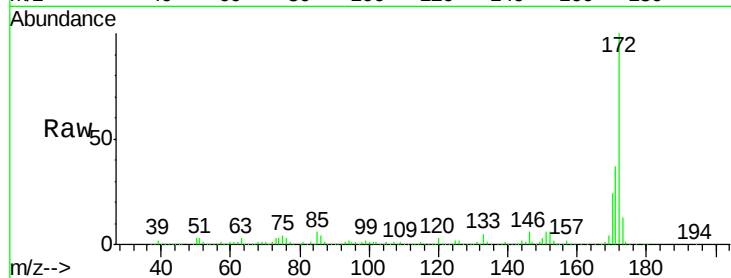
Tgt Ion:172 Resp: 1446200

Ion Ratio Lower Upper

172 100

171 37.1 30.5 45.7

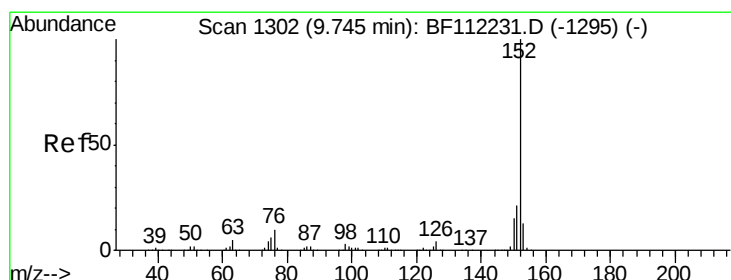
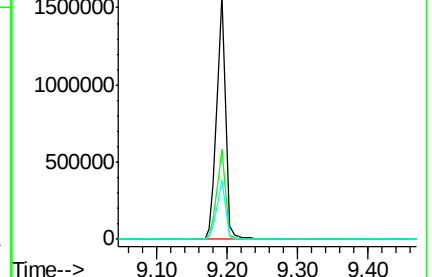
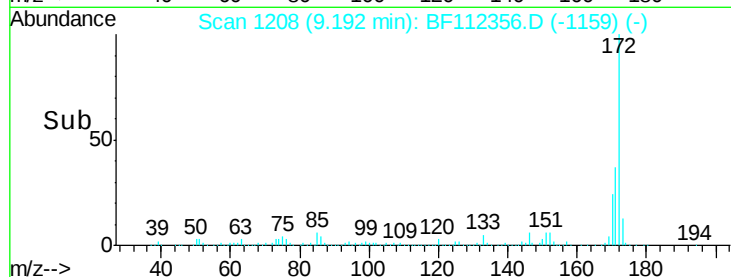
170 24.3 20.2 30.4



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: 3.655 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

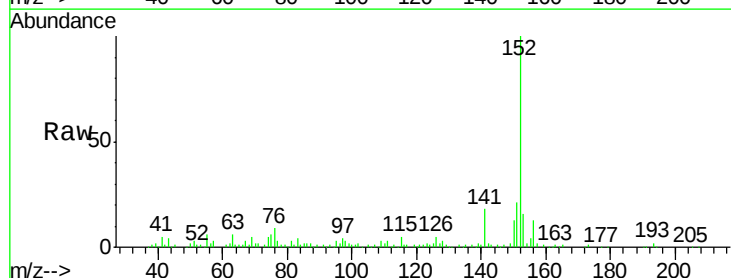
Tgt Ion:152 Resp: 107281

Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.6

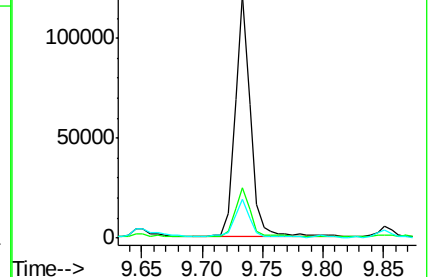
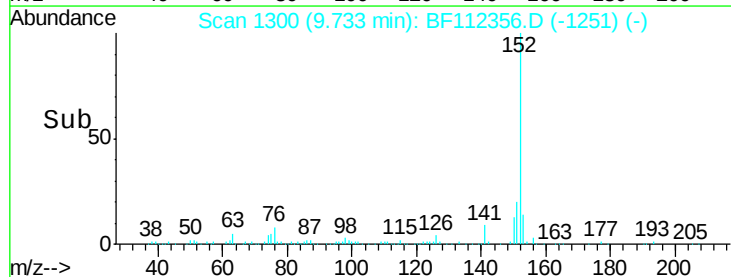
153 15.7 11.2 16.8

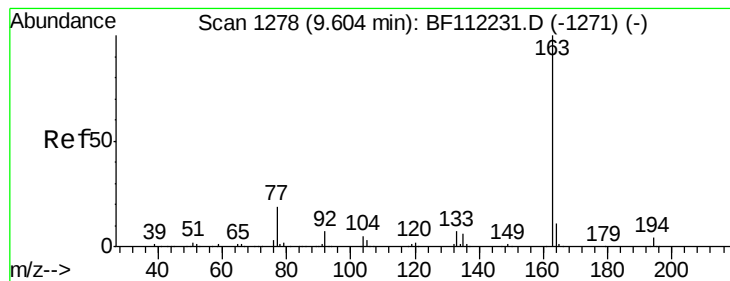


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 11.041 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

Instrument :

BNA_F

ClientSampleId :

0040-AMND-COMP-3

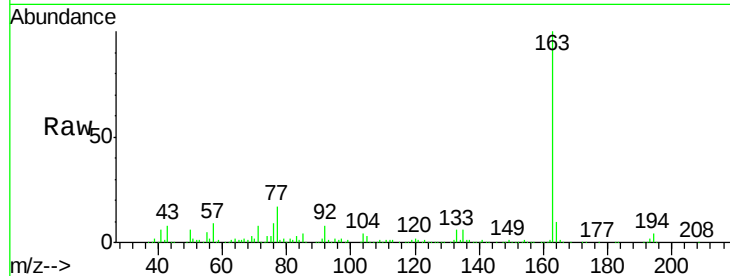
Tgt Ion:163 Resp: 253398

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

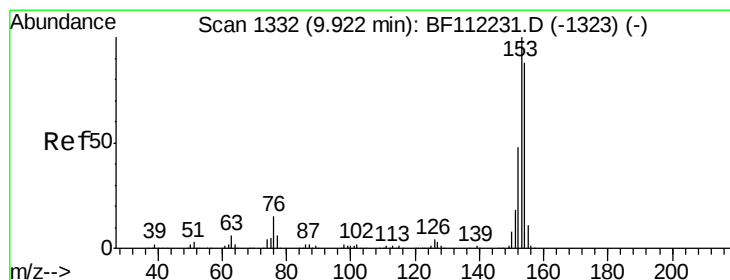
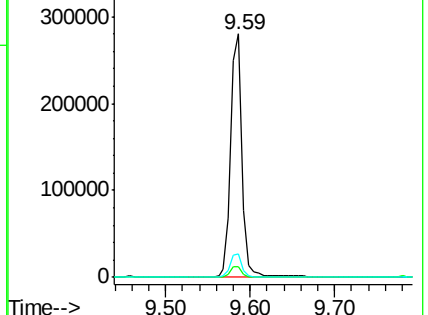
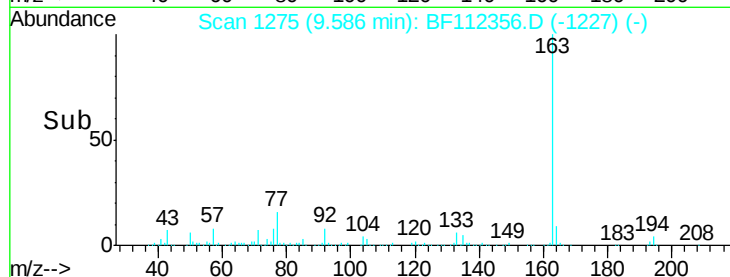
164 9.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 6.631 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

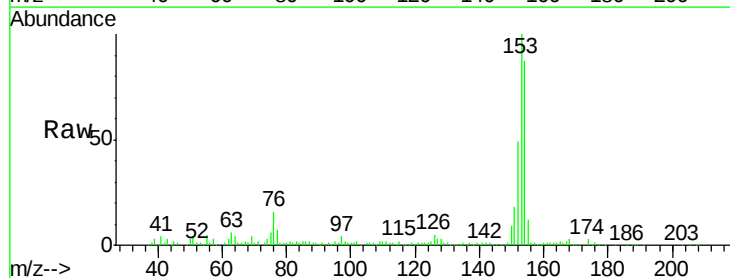
Tgt Ion:154 Resp: 116261

Ion Ratio Lower Upper

154 100

153 114.9 89.8 134.6

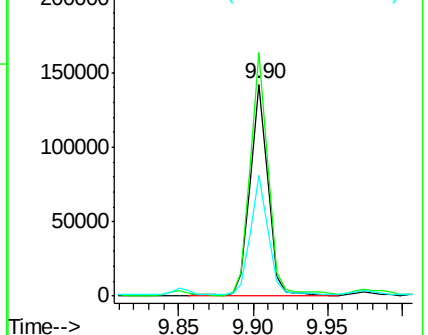
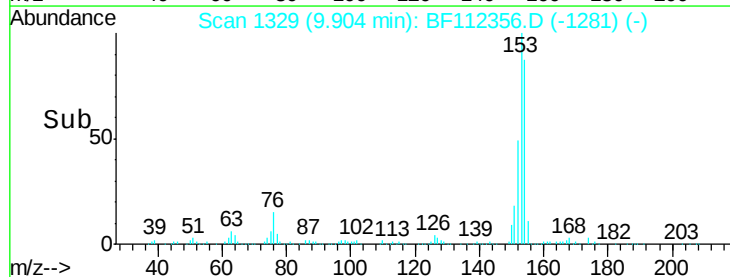
152 56.7 43.5 65.3

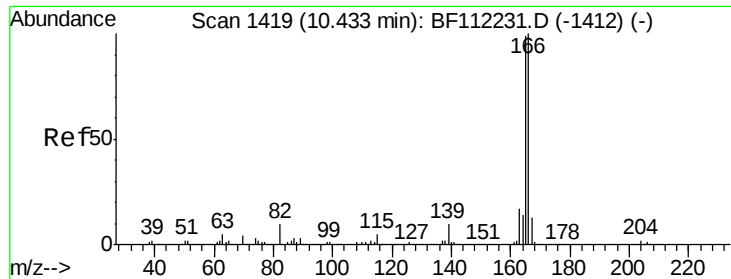


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#58

Fluorene

Concen: 4.482 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

Instrument :

BNA_F

ClientSampleId :

0040-AMND-COMP-3

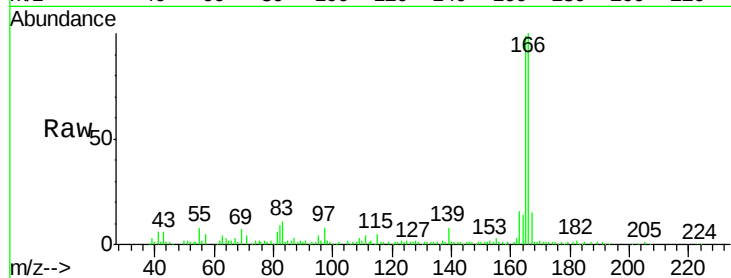
Tgt Ion:166 Resp: 89863

Ion Ratio Lower Upper

166 100

165 98.9 77.1 115.7

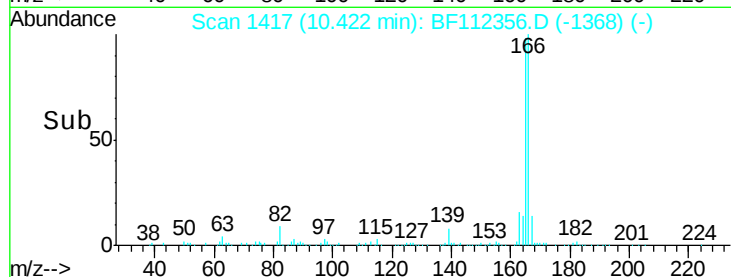
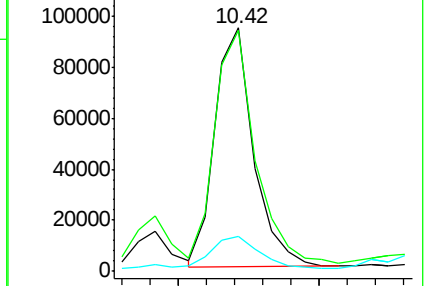
167 14.6 11.3 16.9



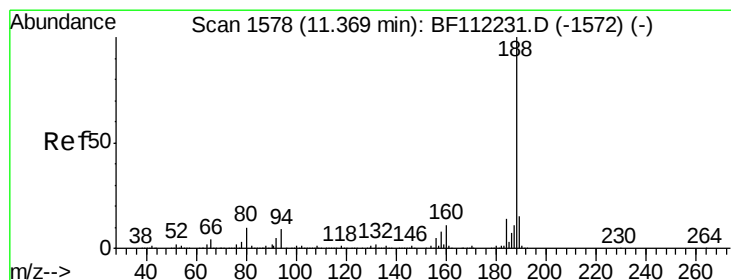
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

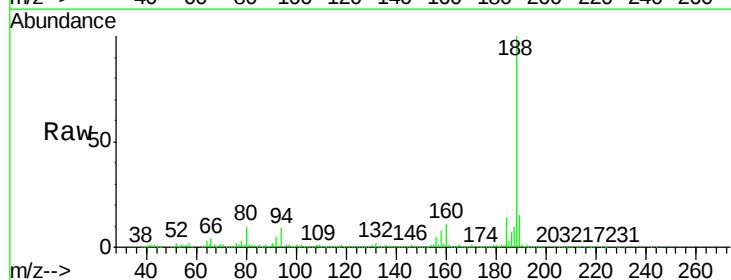
Tgt Ion:188 Resp: 535829

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

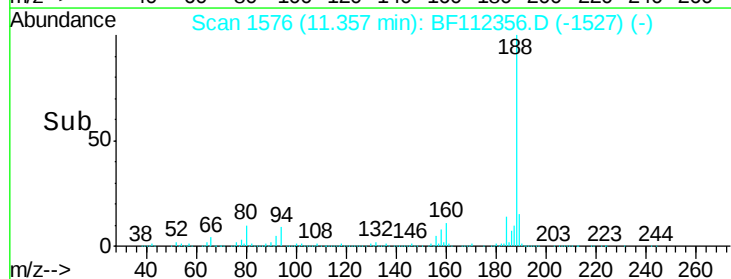
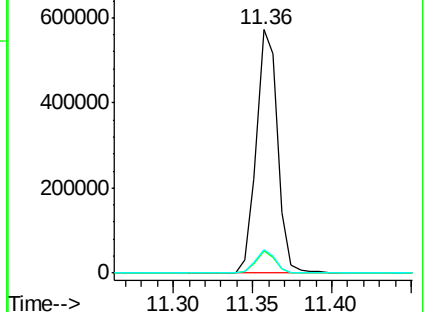
80 9.8 8.9 13.3



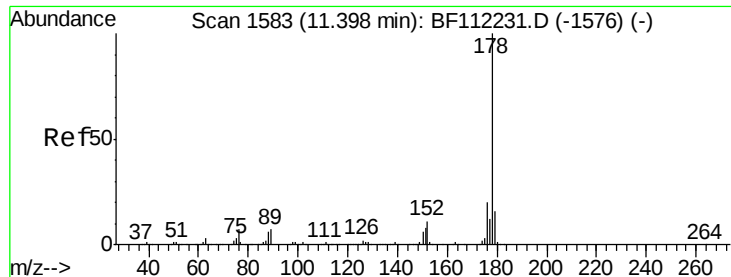
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



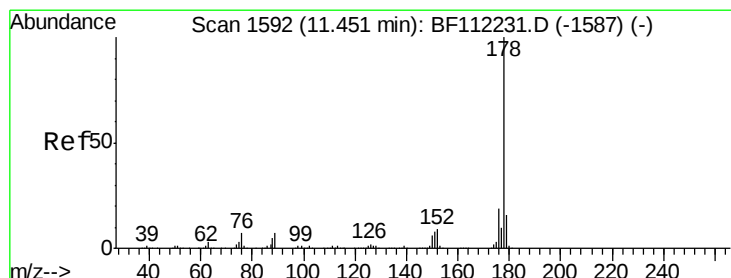
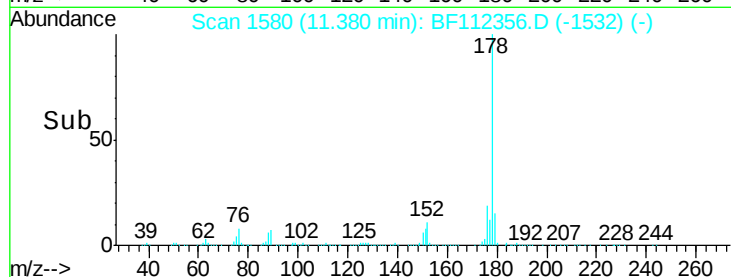
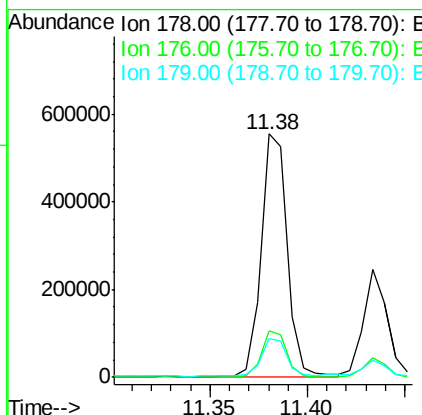
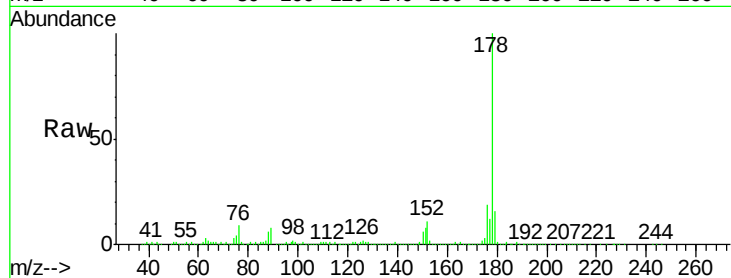
Time-->



#71
Phenanthrene
Concen: 18.251 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

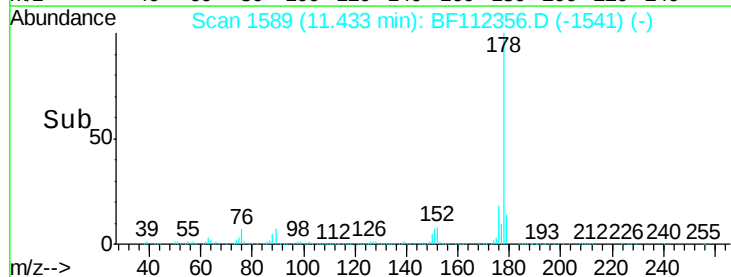
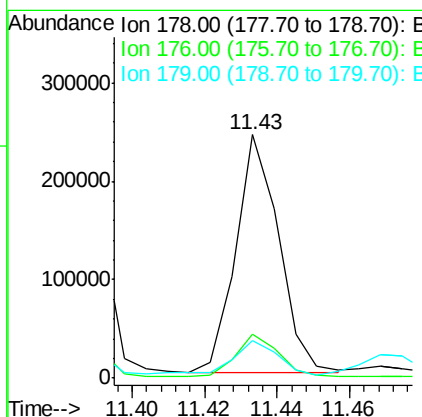
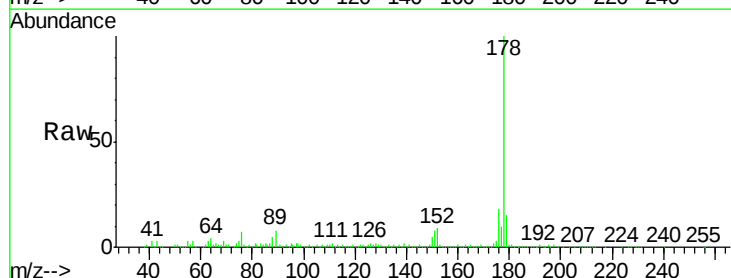
Instrument :
BNA_F
ClientSampleId :
0040-AMND-COMP-3

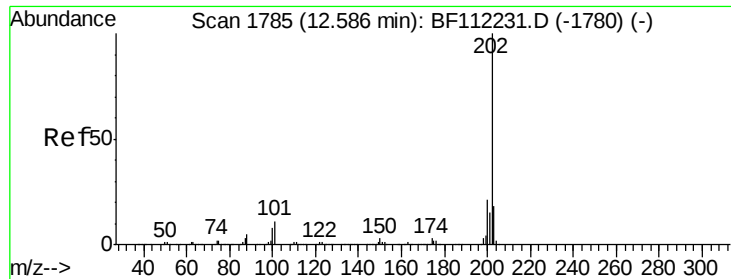
Tgt Ion:178 Resp: 508427
Ion Ratio Lower Upper
178 100
176 19.0 16.3 24.5
179 15.9 13.0 19.4



#72
Anthracene
Concen: 7.110 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112356.D
Acq: 1 Feb 2019 17:24

Tgt Ion:178 Resp: 197305
Ion Ratio Lower Upper
178 100
176 17.9 15.5 23.3
179 15.3 12.8 19.2





#75

Fluoranthene

Concen: 14.763 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

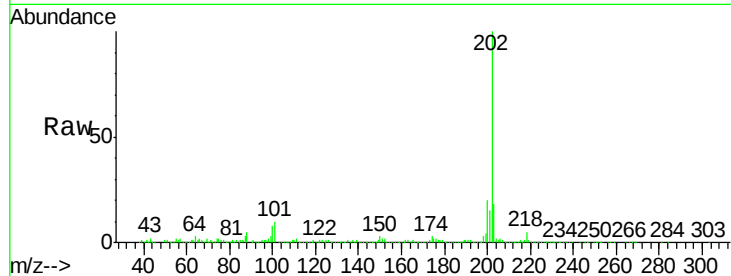
Instrument :

BNA_F

ClientSampleId :

0040-AMND-COMP-3

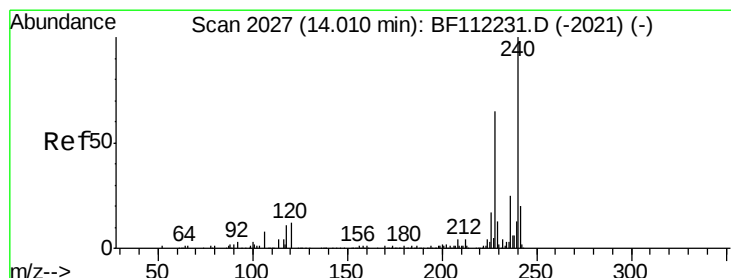
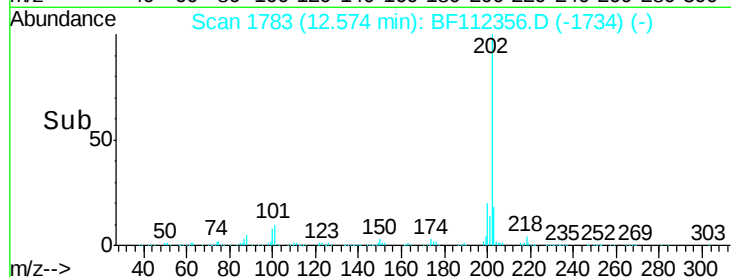
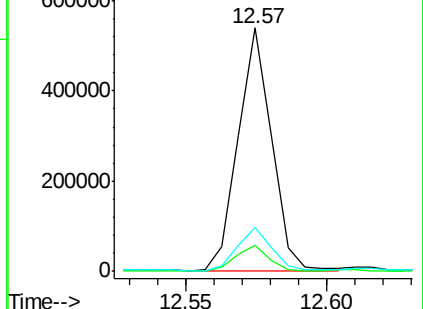
Tgt Ion:	202	Resp:	441086
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.8
203	18.3	0.0	38.4



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

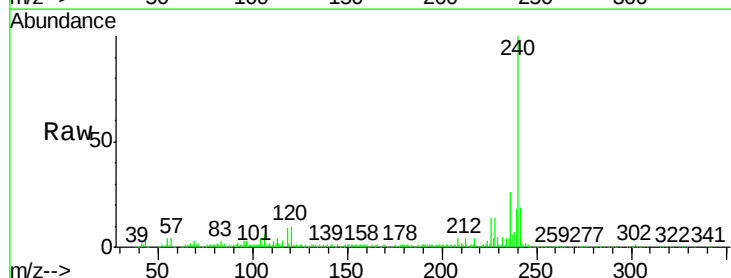
RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

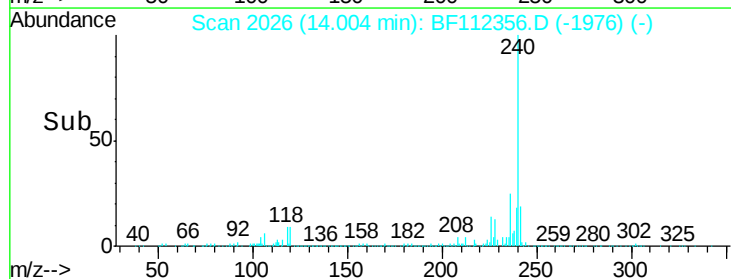
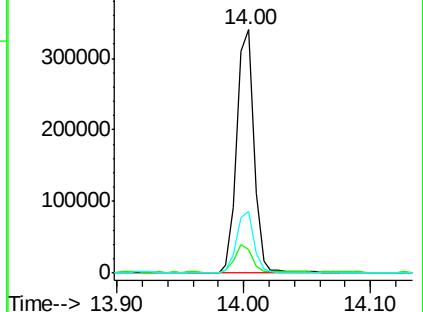
Tgt Ion:	240	Resp:	316058
Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.0	13.6
236	25.6	20.7	31.1

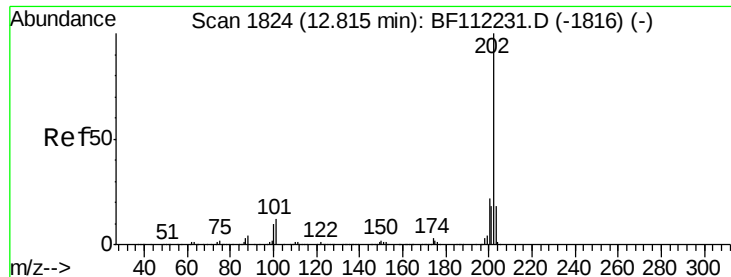


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 22.703 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

Instrument :

BNA_F

ClientSampleId :

0040-AMND-COMP-3

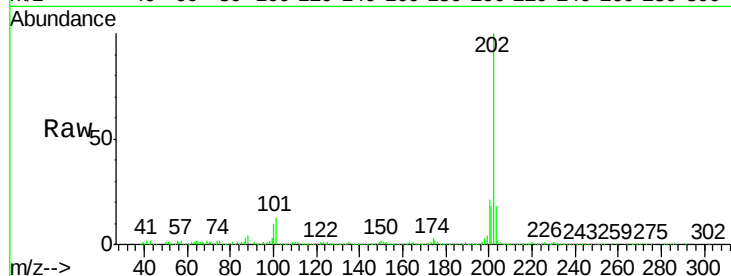
Tgt Ion:202 Resp: 496797

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

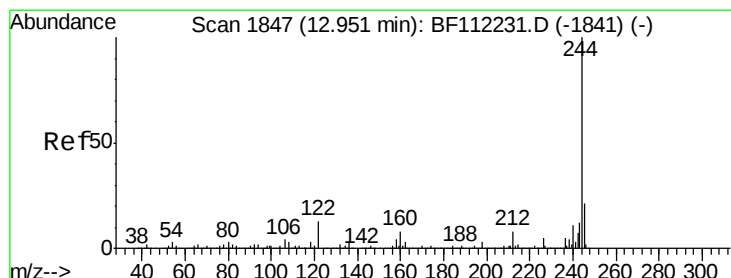
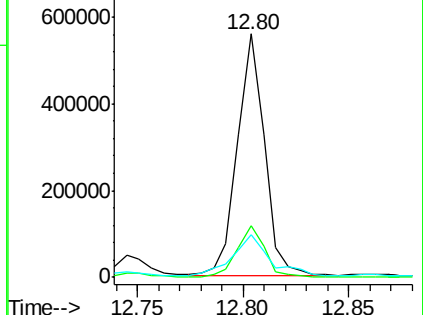
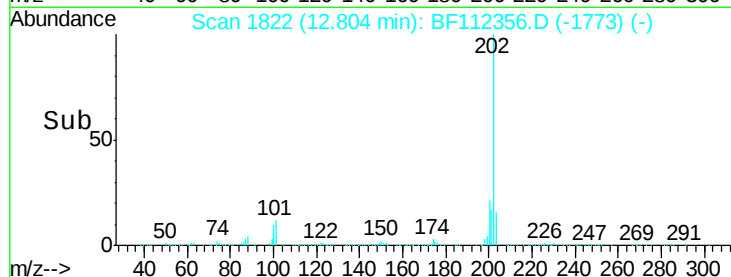
203 17.8 14.6 22.0



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: 79.248 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

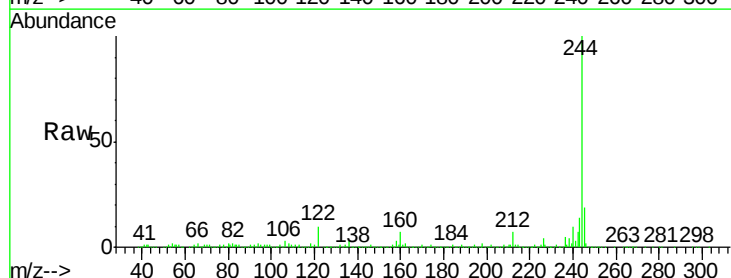
Tgt Ion:244 Resp: 1329854

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

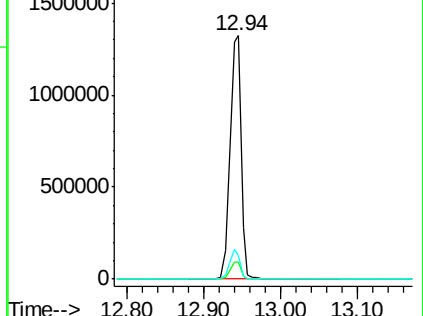
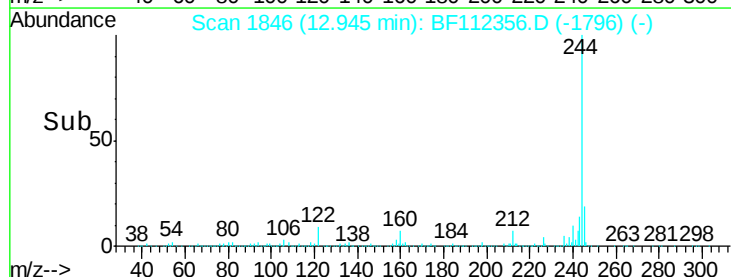
122 9.5 9.8 14.6#

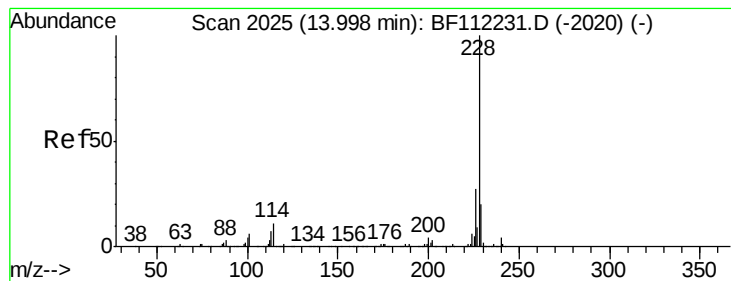


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 12.439 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.03 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

Instrument :

BNA_F

ClientSampleId :

0040-AMND-COMP-3

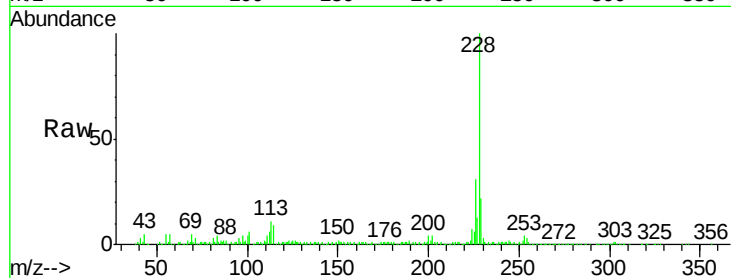
Tgt Ion:228 Resp: 231115

Ion Ratio Lower Upper

228 100

226 31.3 22.6 34.0

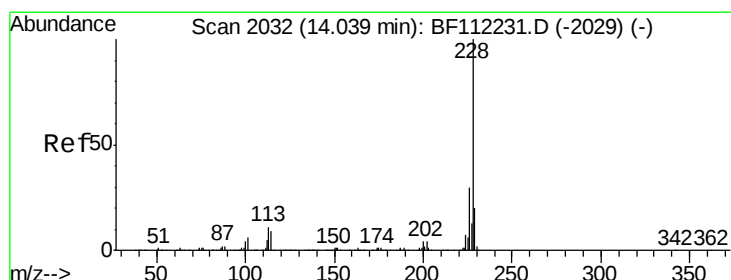
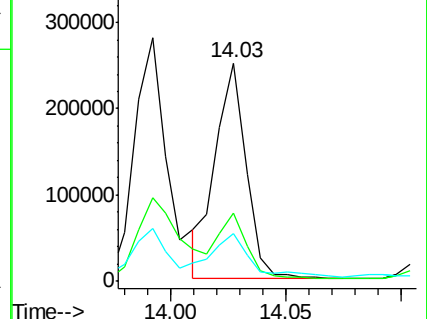
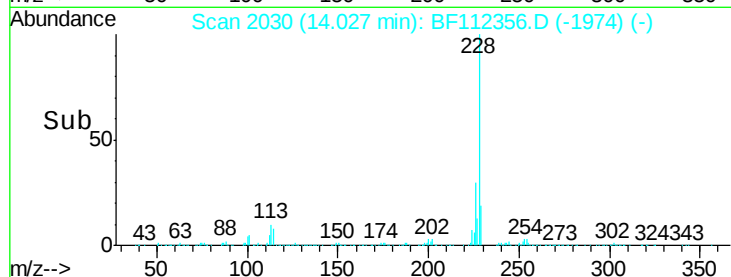
229 21.6 16.5 24.7



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: 13.031 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

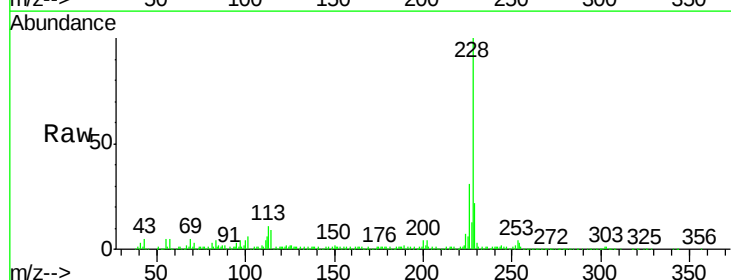
Tgt Ion:228 Resp: 231115

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

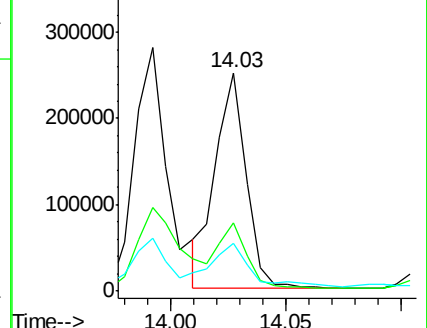
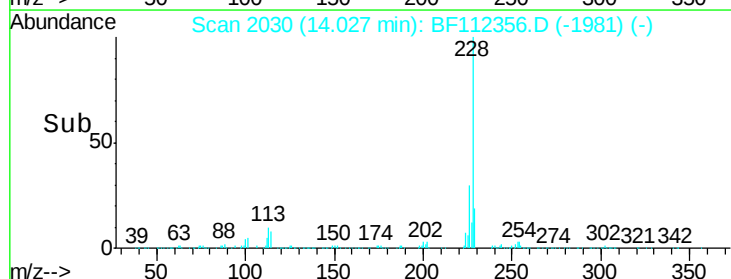
229 21.6 16.6 24.8

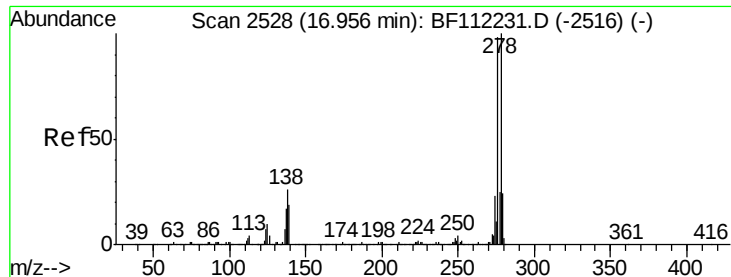


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

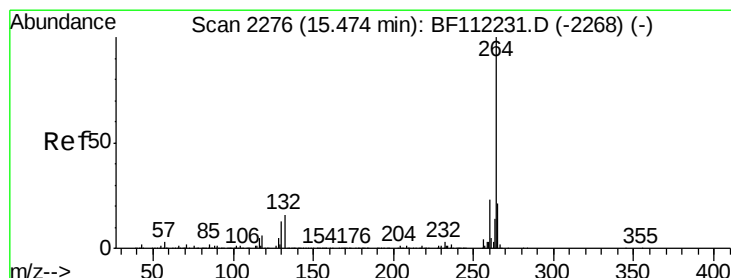
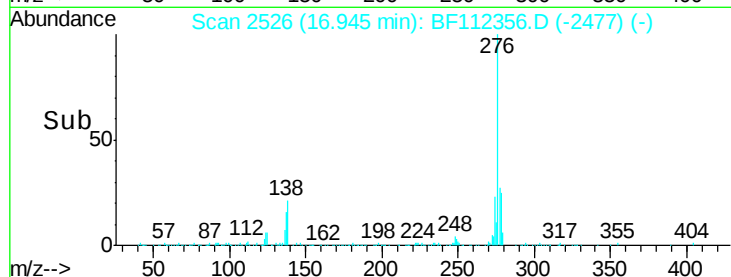
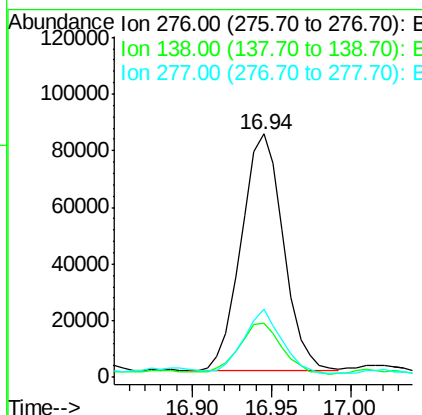
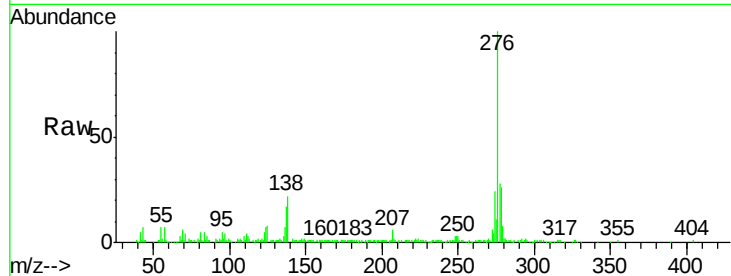




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 11.017 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BF112356.D
 Acq: 1 Feb 2019 17:24

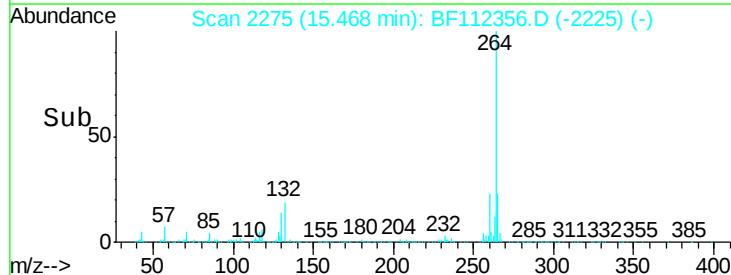
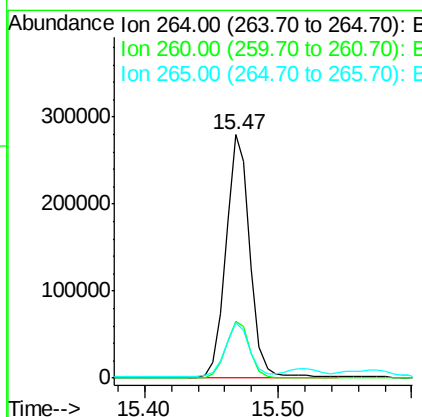
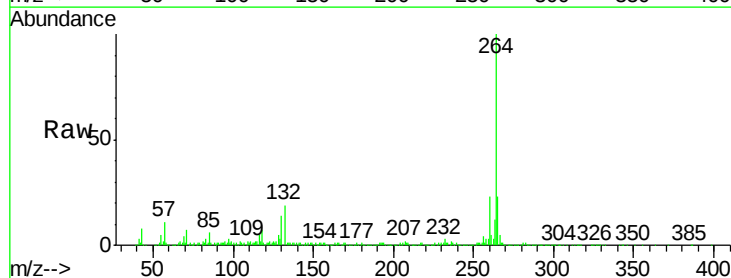
Instrument :
 BNA_F
 ClientSampleId :
 0040-AMND-COMP-3

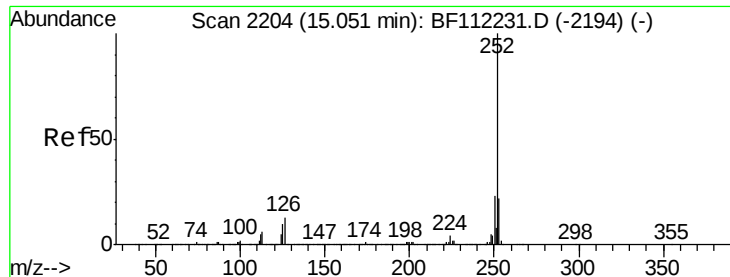
Tgt Ion:276 Resp: 154825
 Ion Ratio Lower Upper
 276 100
 138 22.1 22.6 34.0#
 277 25.2 20.3 30.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112356.D
 Acq: 1 Feb 2019 17:24

Tgt Ion:264 Resp: 349922
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 22.9 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 17.835 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

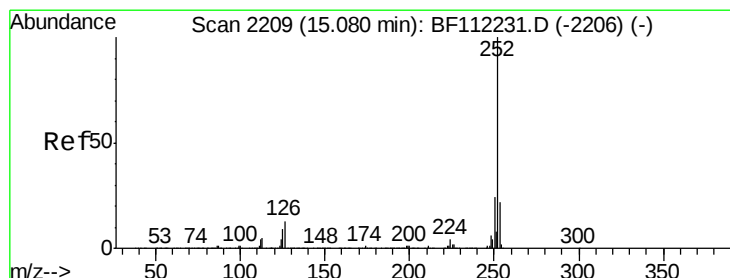
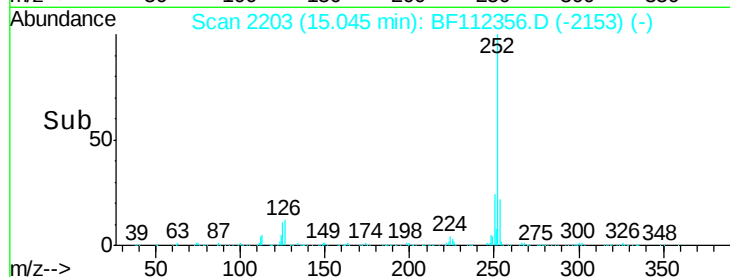
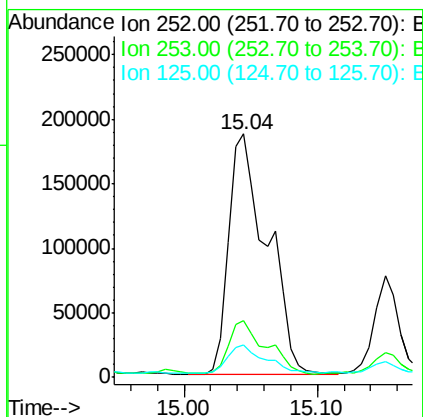
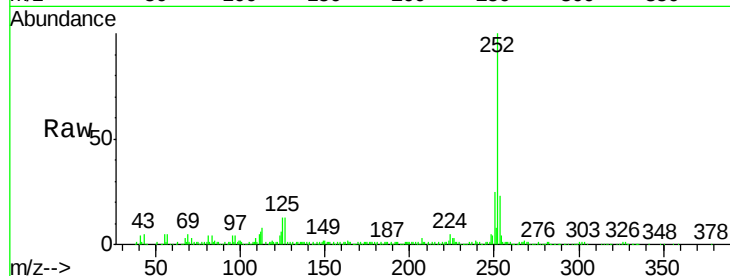
Instrument :

BNA_F

ClientSampleId :

0040-AMND-COMP-3

Tgt Ion:	252	Resp:	373235
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	13.4	8.7	13.1#



#89

Benzo(k)fluoranthene

Concen: 18.620 ng

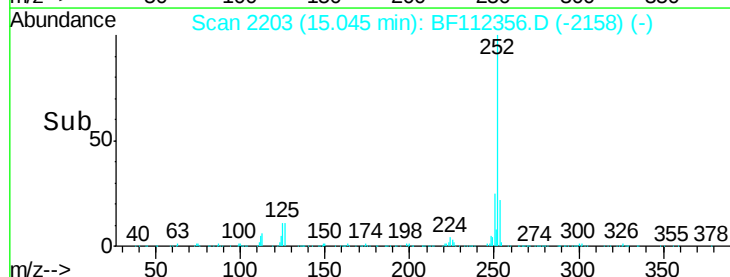
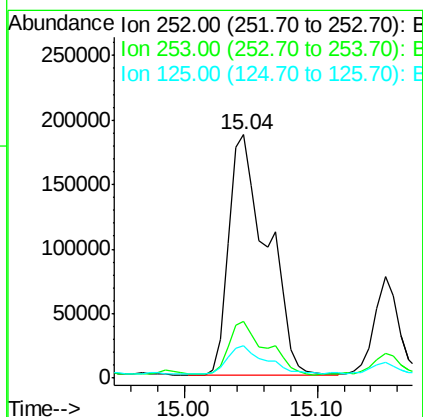
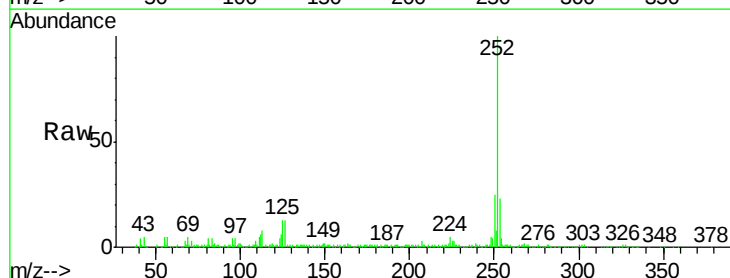
RT: 15.04 min Scan# 2203

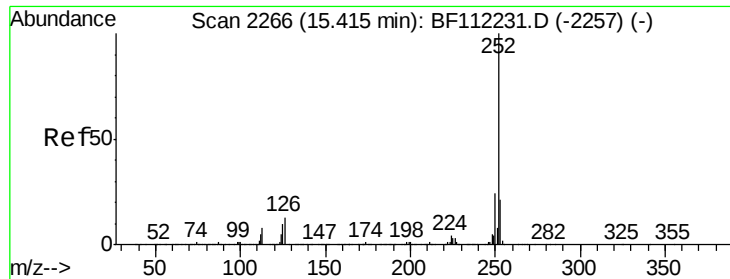
Delta R.T. -0.04 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

Tgt Ion:	252	Resp:	373235
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	13.4	9.1	13.7





#90

Benzo(a)pyrene

Concen: 16.192 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

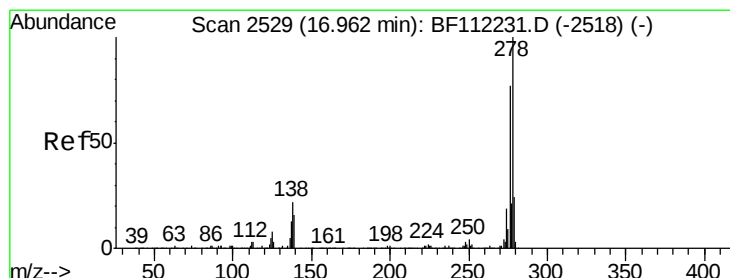
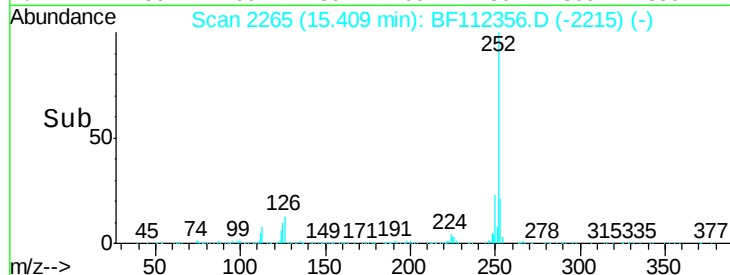
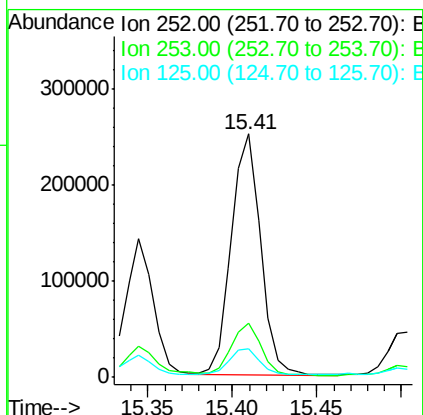
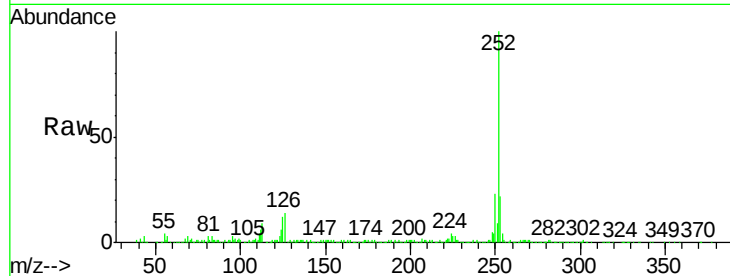
Instrument :

BNA_F

ClientSampleId :

0040-AMND-COMP-3

Tgt Ion:	252	Resp:	304889
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.6	9.0	13.4



#91

Dibenzo(a,h)anthracene

Concen: 2.980 ng

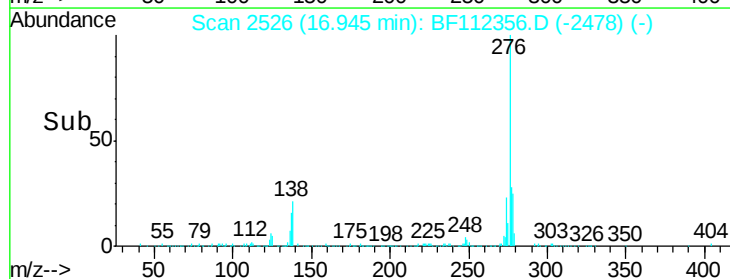
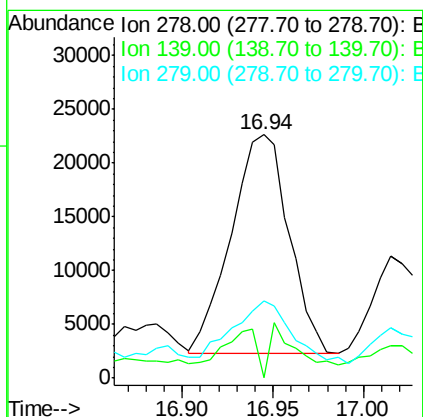
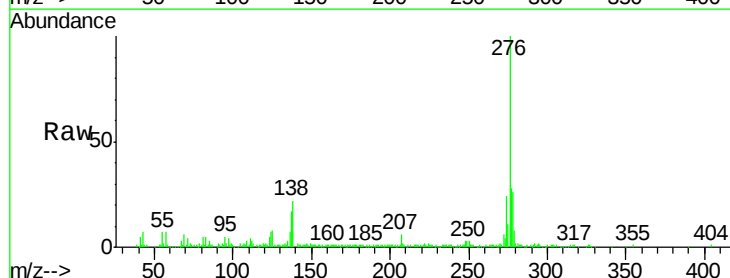
RT: 16.94 min Scan# 2526

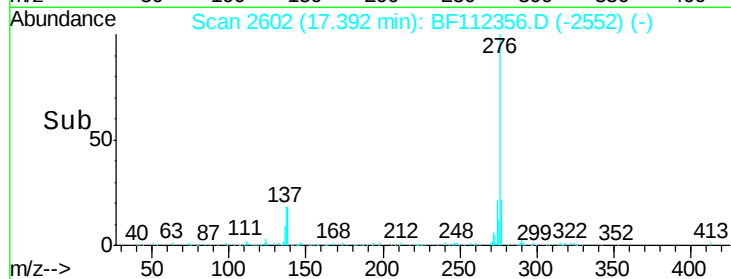
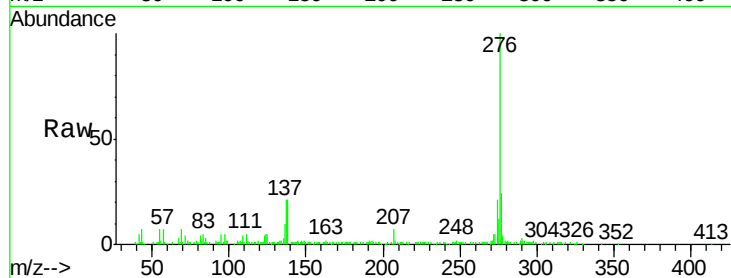
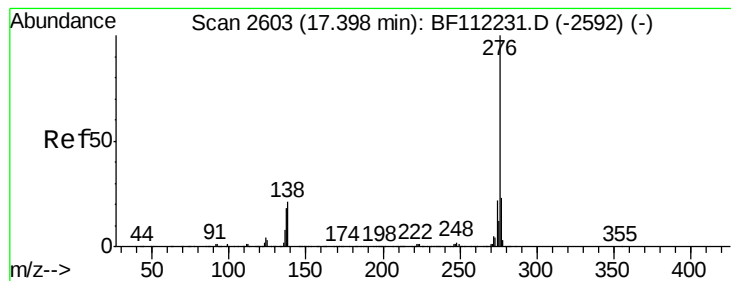
Delta R.T. -0.02 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

Tgt Ion:	278	Resp:	45231
Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.7	20.5#
279	31.9	19.0	28.6#





#92

Benzo(g,h,i)perylene

Concen: 10.958 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BF112356.D

Acq: 1 Feb 2019 17:24

Instrument :

BNA_F

ClientSampleId :

0040-AMND-COMP-3

Tgt Ion:276 Resp: 156890

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 20.8 19.1 28.7

