

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
 Data File : BF112642.D
 Acq On : 20 Feb 2019 15:22
 Operator : JU/SJ
 Sample : K1349-09 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 16:50:47 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	6.82	152	79423	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	322325	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	155943	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	271809	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	203899	20.00	ng	-0.02
87) Perylene-d12	15.47	264	212212	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	70903	18.96	ng	-0.01
7) Phenol-d6	6.49	99	105821	20.37	ng	0.00
23) Nitrobenzene-d5	7.39	82	65639	11.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	29839	16.44	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	148117	13.43	ng	-0.03
79) Terphenyl-d14	12.92	244	128051	11.83	ng	-0.03

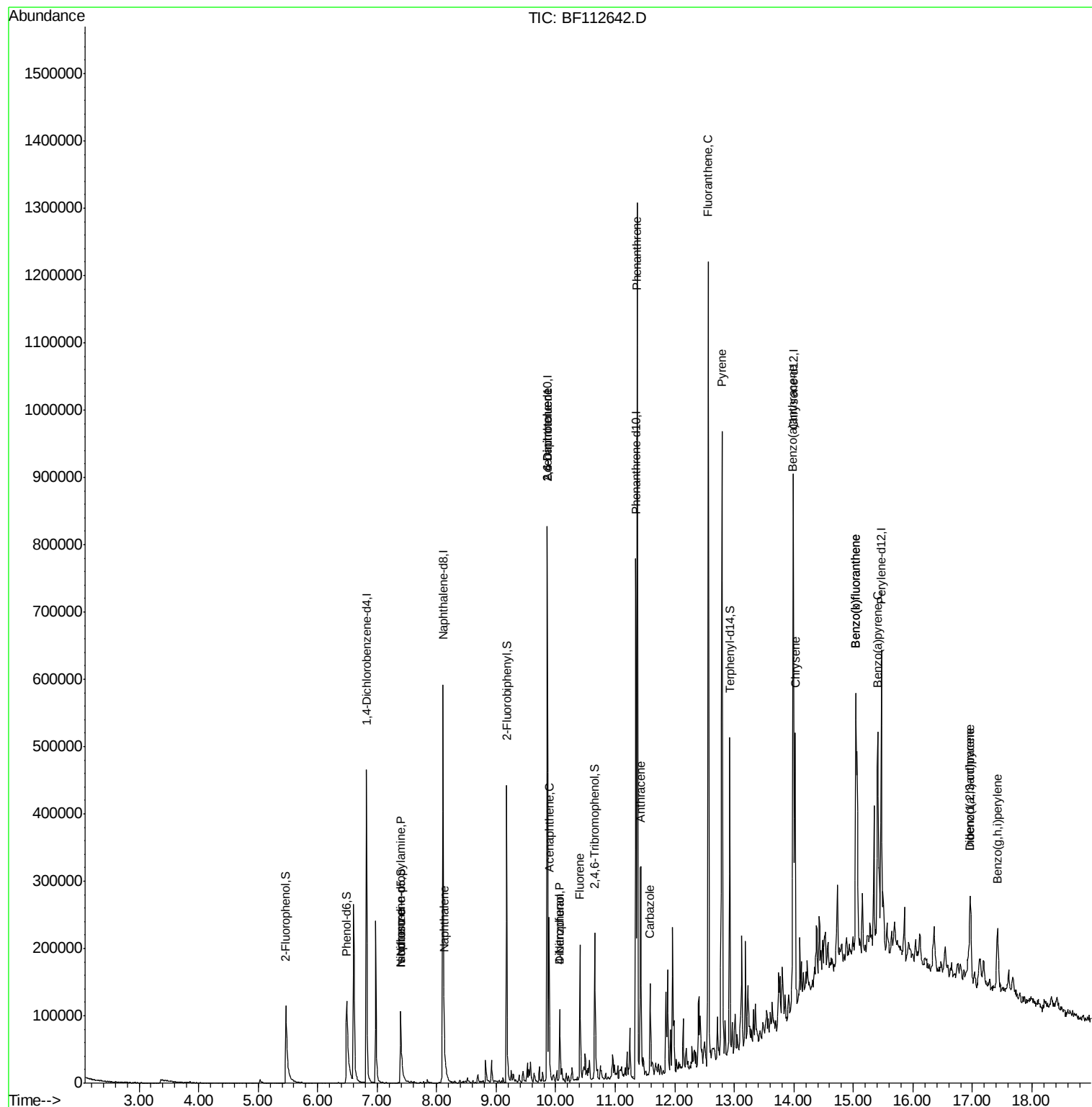
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	8351	2.331	ng	# 84
25) Isophorone	7.39	82	65639	7.480	ng	# 63
31) Naphthalene	8.13	128	43779	2.904	ng	97
51) 2,6-Dinitrotoluene	9.86	165	19843	7.313	ng	# 34
52) Acenaphthene	9.89	154	56895	6.146	ng	99
55) Dibenzofuran	10.07	168	46263	3.271	ng	95
56) 4-Nitrophenol	10.07	139	18480	11.890	ng	# 13
57) 2,4-Dinitrotoluene	9.86	165	19843	5.744	ng	# 32
58) Fluorene	10.41	166	62872	5.939	ng	97
71) Phenanthrene	11.37	178	490430	34.706	ng	98
72) Anthracene	11.43	178	141496	10.052	ng	97
73) Carbazole	11.59	167	53216	3.833	ng	99
75) Fluoranthene	12.56	202	478618	31.579	ng	98
78) Pyrene	12.79	202	387719	27.465	ng	99
81) Benzo(a)anthracene	13.98	228	183944	15.346	ng	97
83) Chrysene	14.02	228	158321	13.837	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	81227	8.960	ng	# 91
88) Benzo(b)fluoranthene	15.04	252	271268	21.374	ng	99
89) Benzo(k)fluoranthene	15.04	252	271050	22.297	ng	99
90) Benzo(a)pyrene	15.41	252	153329	13.427	ng	98
91) Dibenz(a,h)anthracene	16.96	278	20490	2.226	ng	# 74
92) Benzo(g,h,i)perylene	17.42	276	76499	8.810	ng	96

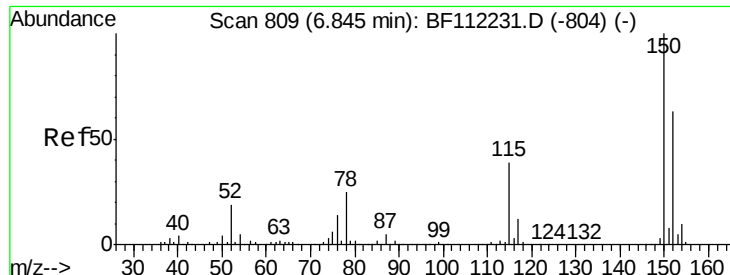
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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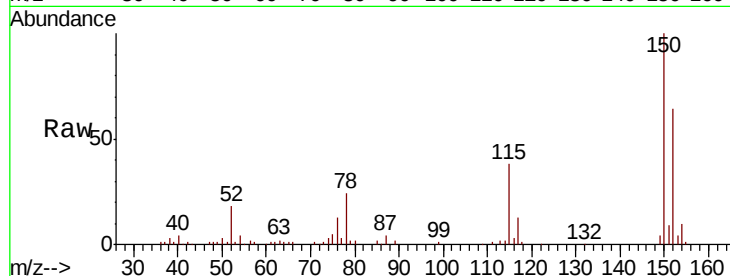


#1

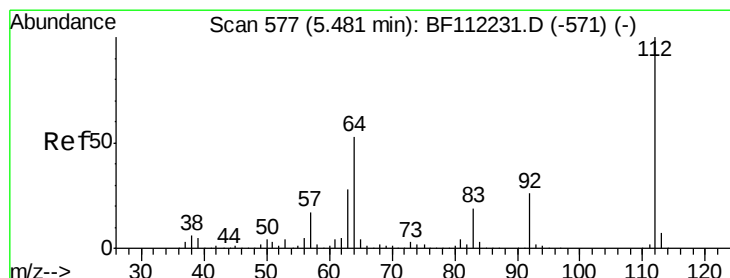
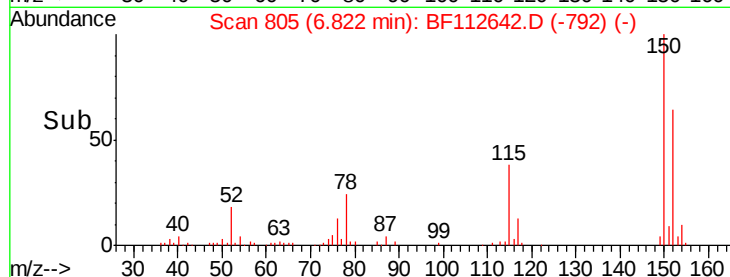
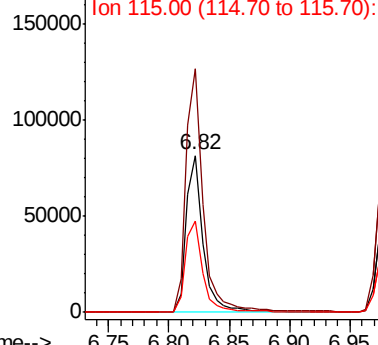
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112642.D
Acq: 20 Feb 2019 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79423
Ion Ratio Lower Upper
152 100
150 155.2 127.4 191.0
115 58.5 45.5 68.3



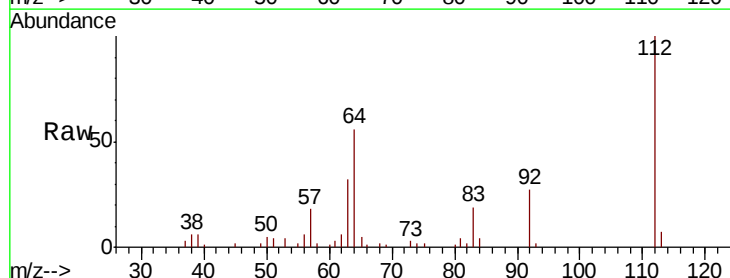
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



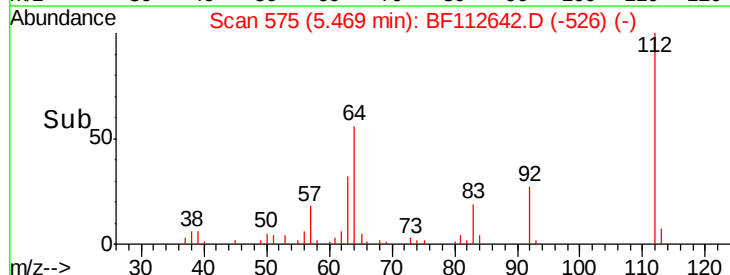
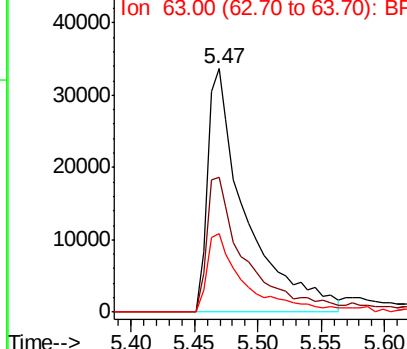
#5

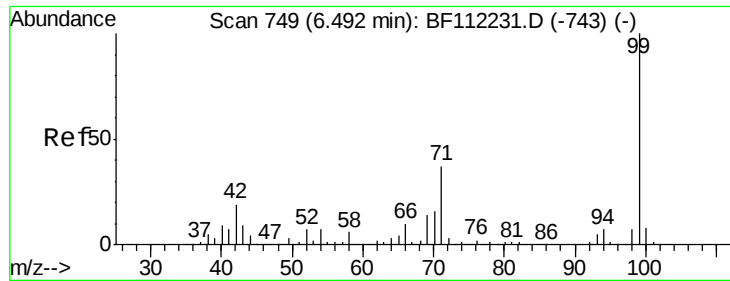
2-Fluorophenol
Concen: 18.962 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112642.D
Acq: 20 Feb 2019 15:22

Tgt Ion:112 Resp: 70903
Ion Ratio Lower Upper
112 100
64 55.6 45.7 68.5
63 32.2 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: 20.367 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Instrument :

BNA_F

ClientSampled :

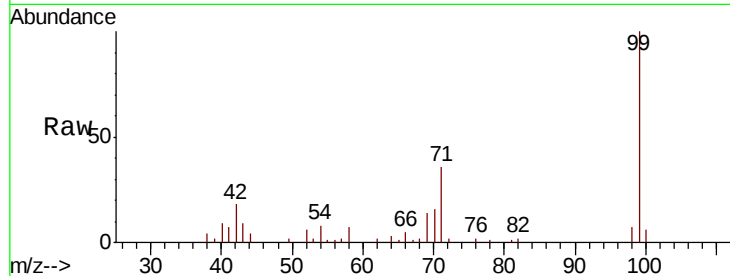
Tot Ion: 99 Resp: 105821

Ion Ratio Lower Upper

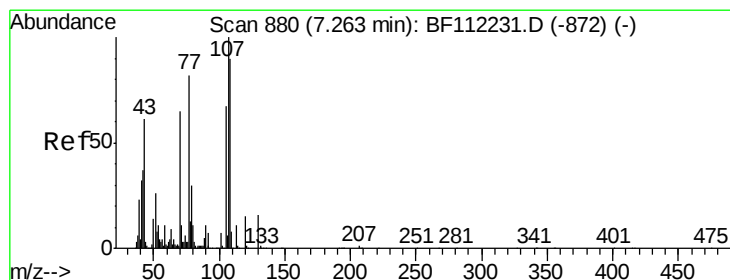
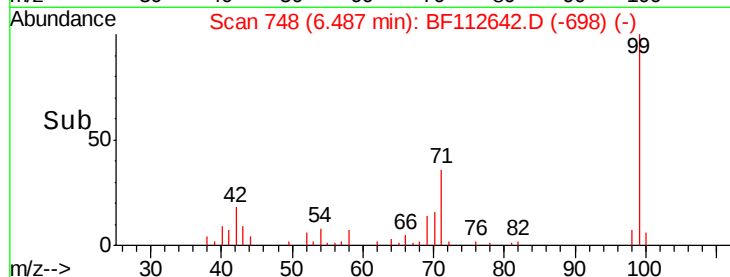
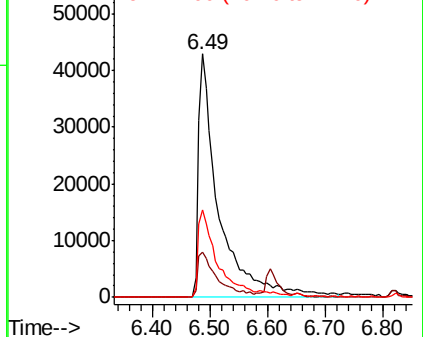
99 100

42 18.5 15.1 22.7

71 36.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.331 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Tgt Ion: 70 Resp: 8351

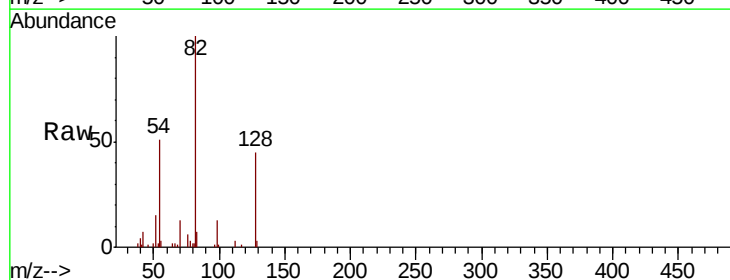
Ion Ratio Lower Upper

70 100

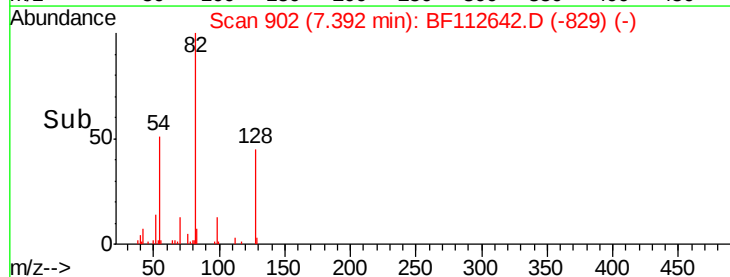
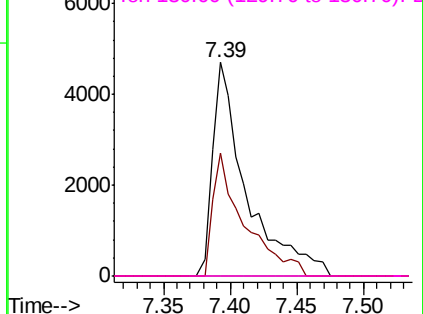
42 57.4 47.6 71.4

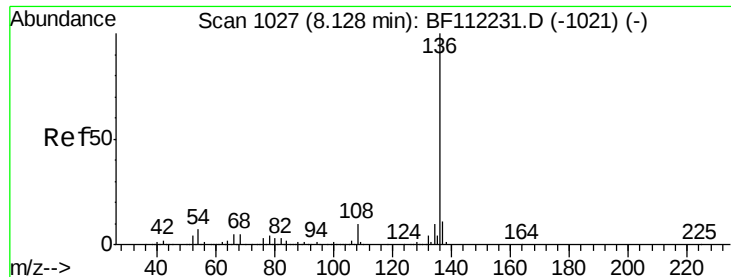
101 0.0 7.9 11.9#

130 0.0 18.4 27.6#



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: 8.10 min Scan# 1023

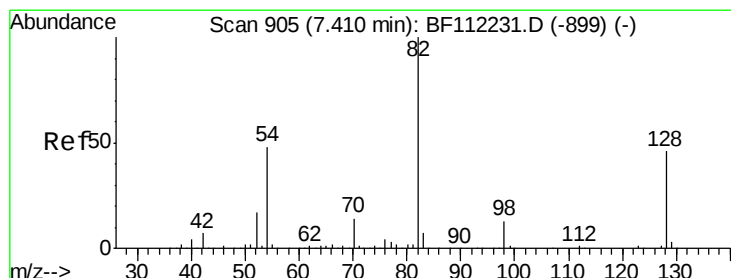
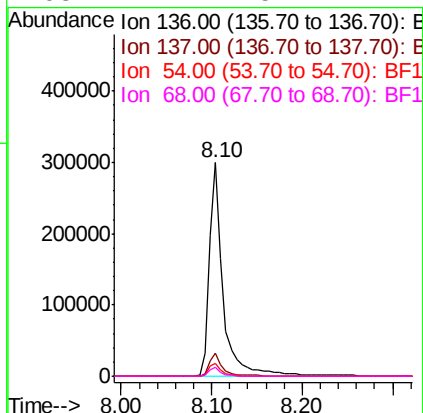
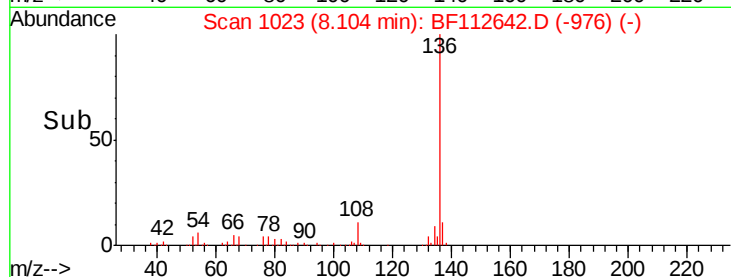
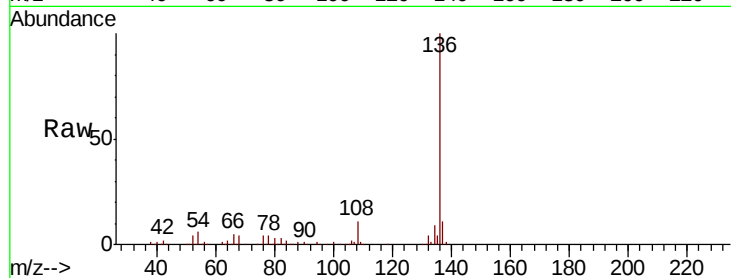
Delta R.T. -0.02 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	322325
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.1 13.7
54	5.9	5.9 8.9
68	4.1	5.1 7.7#



#23

Nitrobenzene-d5

Concen: 11.734 ng

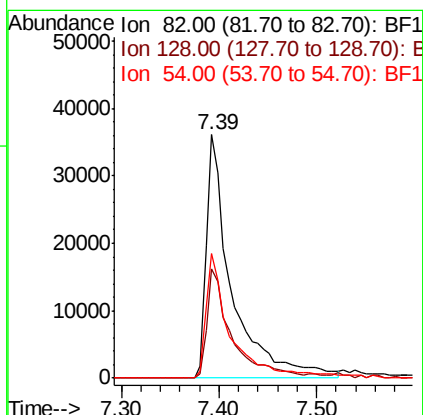
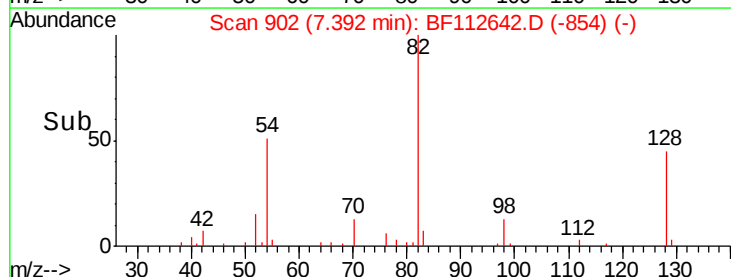
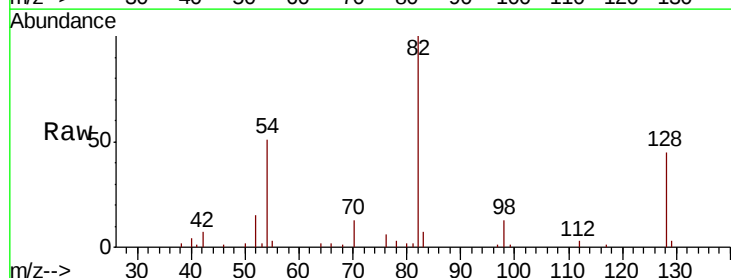
RT: 7.39 min Scan# 902

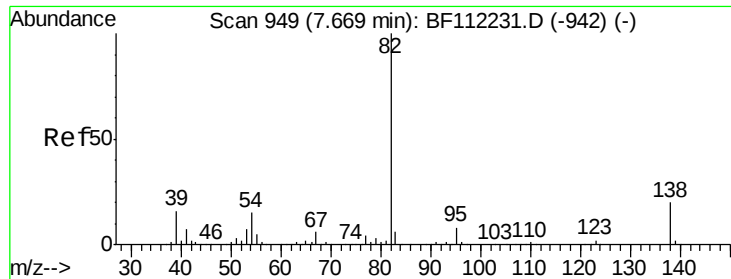
Delta R.T. -0.02 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Tgt Ion: 82	Resp:	65639
Ion	Ratio	Lower Upper
82	100	
128	45.0	37.8 56.8
54	51.4	39.7 59.5





#25

Isophorone

Concen: 7.480 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Instrument :

BNA_F

ClientSampled :

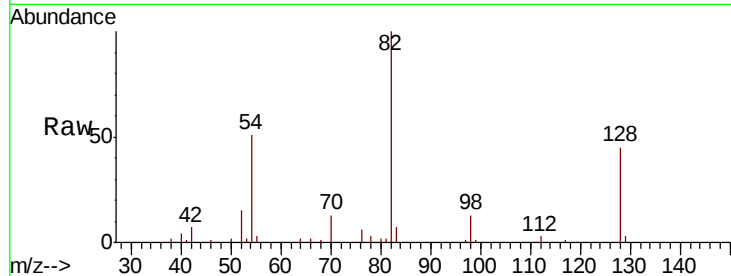
Tot Ion: 82 Resp: 65639

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

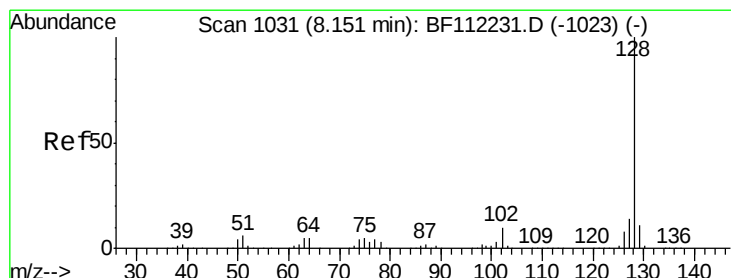
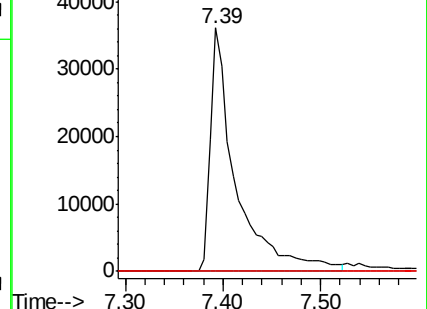
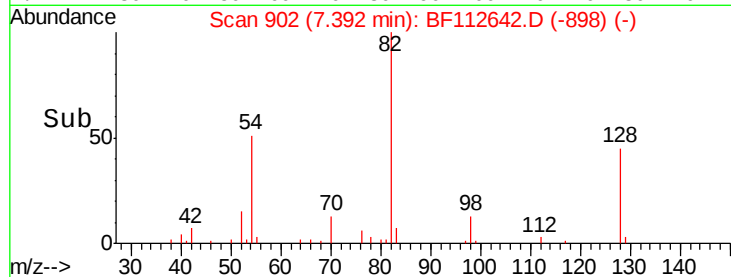
138 0.0 15.4 23.0#



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): E



#31

Naphthalene

Concen: 2.904 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

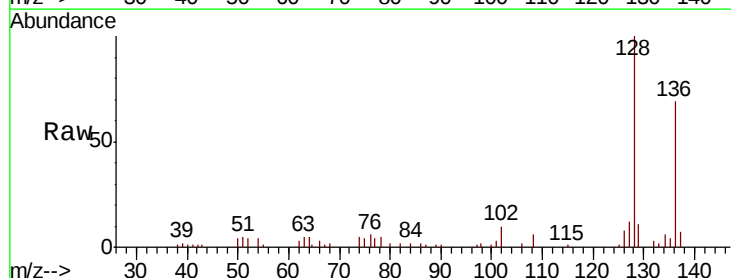
Tgt Ion: 128 Resp: 43779

Ion Ratio Lower Upper

128 100

129 11.0 9.6 14.4

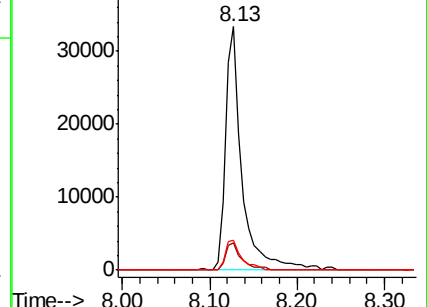
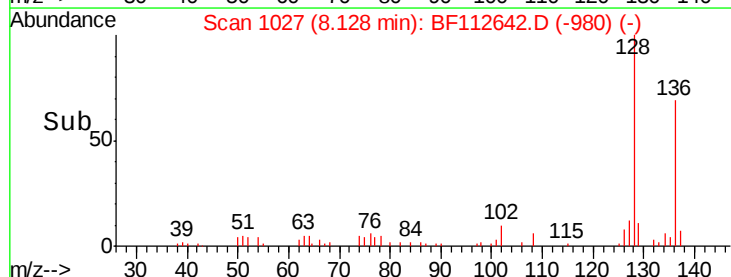
127 12.4 11.1 16.7

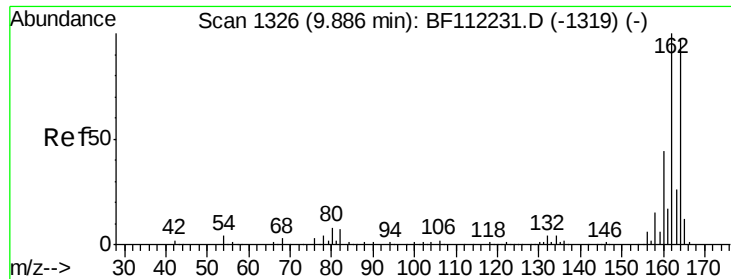


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

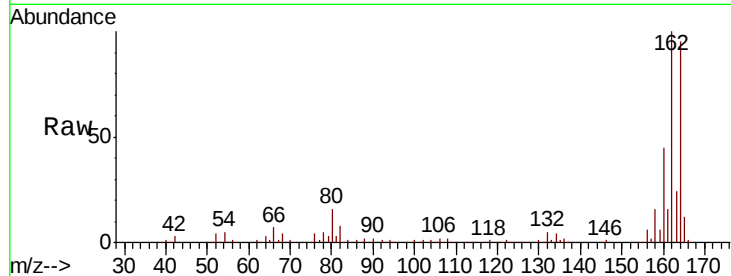




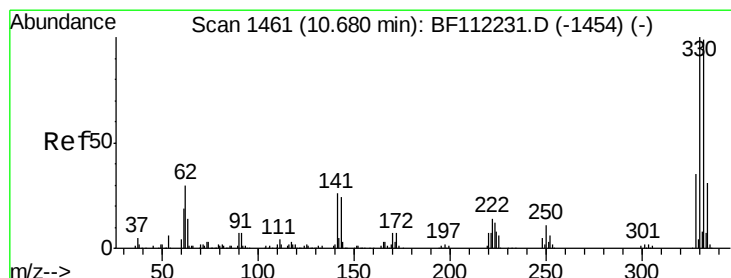
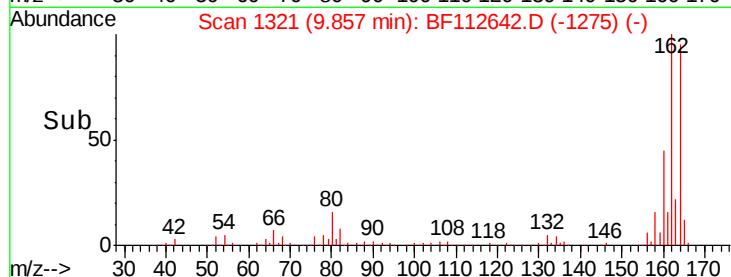
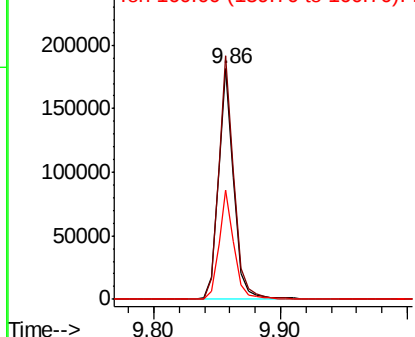
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112642.D
Acq: 20 Feb 2019 15:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 155943
Ion Ratio Lower Upper
164 100
162 105.6 82.2 123.4
160 47.3 36.2 54.4

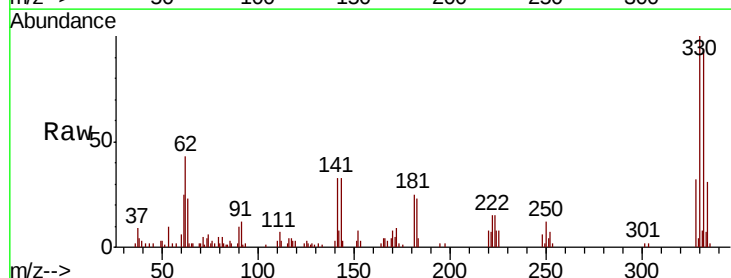


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

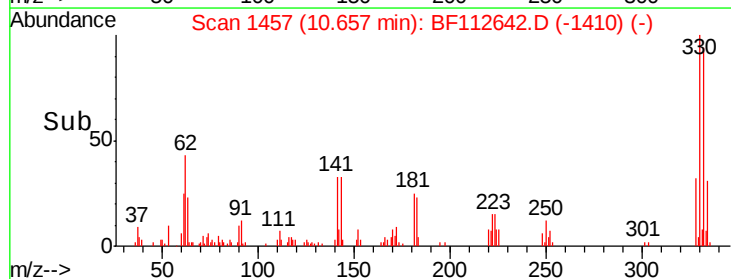
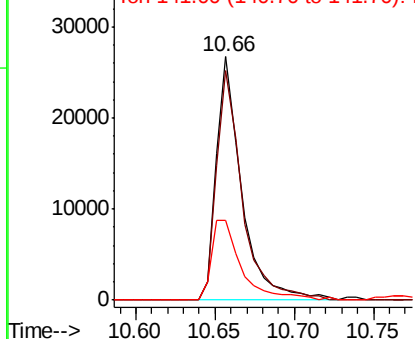


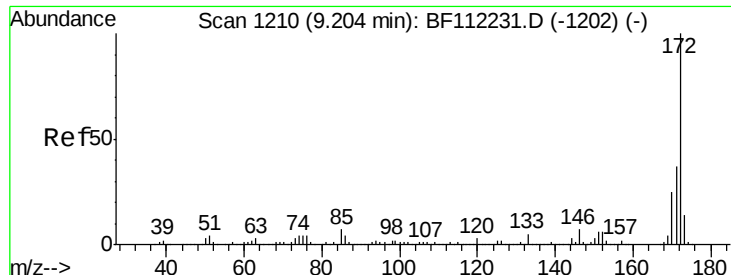
#42
2,4,6-Tribromophenol
Concen: 16.439 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112642.D
Acq: 20 Feb 2019 15:22

Tgt Ion:330 Resp: 29839
Ion Ratio Lower Upper
330 100
332 95.4 76.6 114.8
141 38.8 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

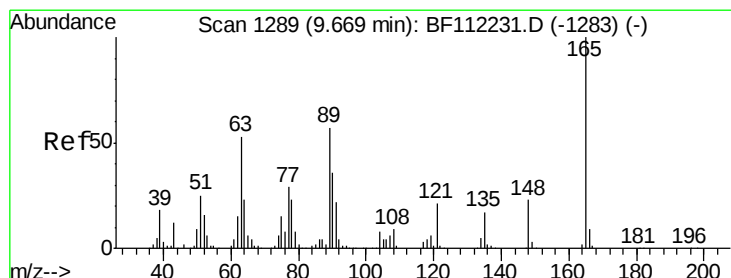
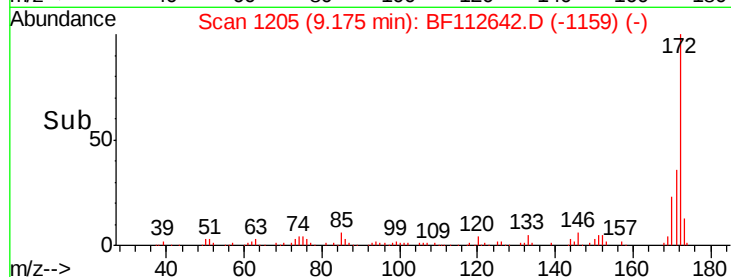
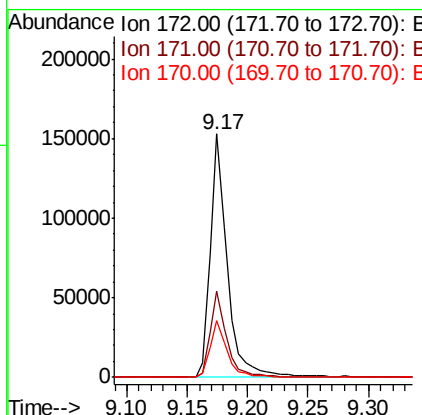
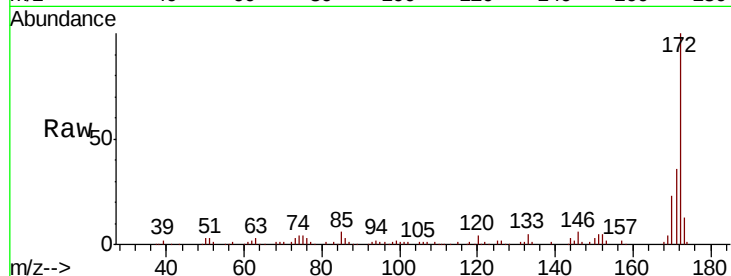




#45
 2-Fluorobiphenyl
 Concen: 13.434 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112642.D
 Acq: 20 Feb 2019 15:22

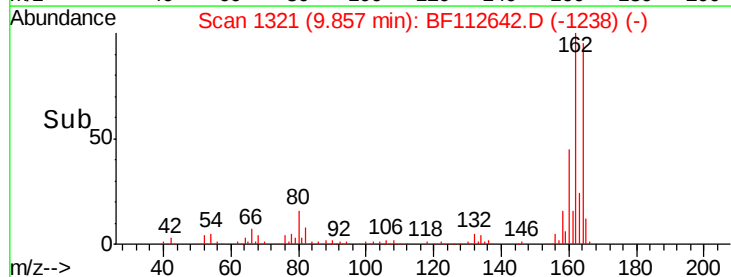
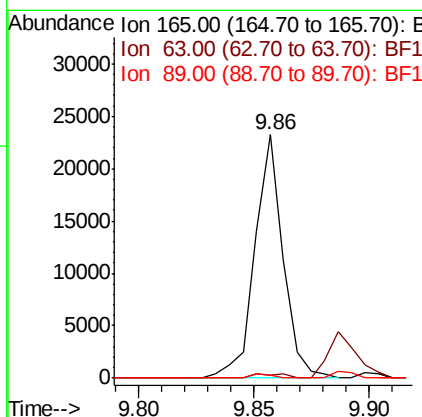
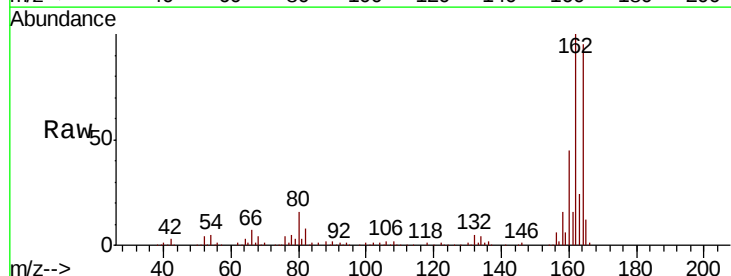
Instrument :
 BNA_F
 ClientSampleId :

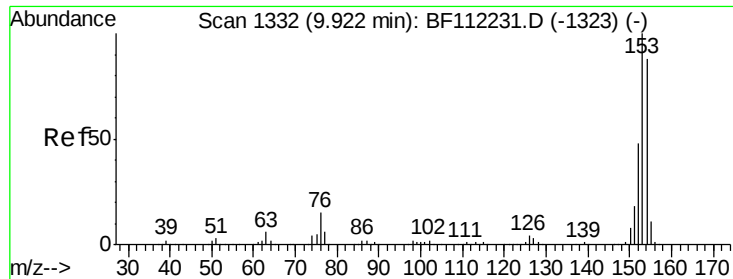
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.5	45.7
170	23.2	20.2	30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.313 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.19 min
 Lab File: BF112642.D
 Acq: 20 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	1.4	36.9	55.3#





#52

Acenaphthene

Concen: 6.146 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Instrument :

BNA_F

ClientSampleId :

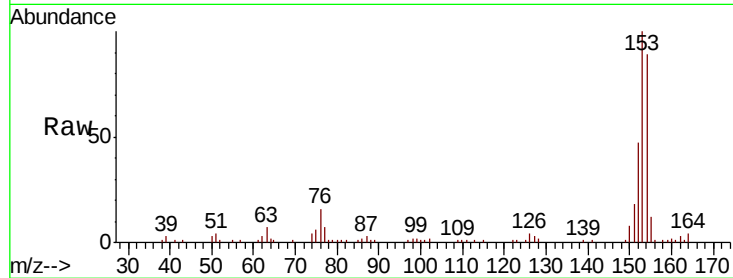
Tot Ion:154 Resp: 56895

Ion Ratio Lower Upper

154 100

153 112.8 89.8 134.6

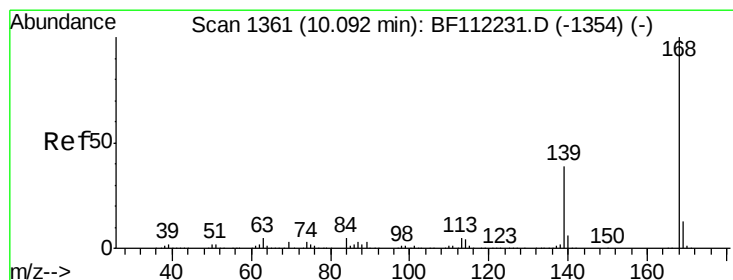
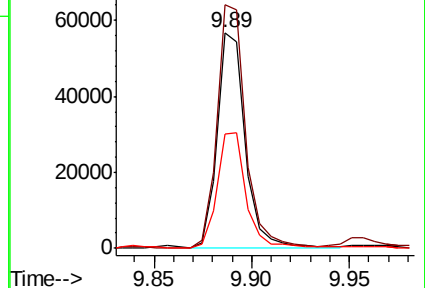
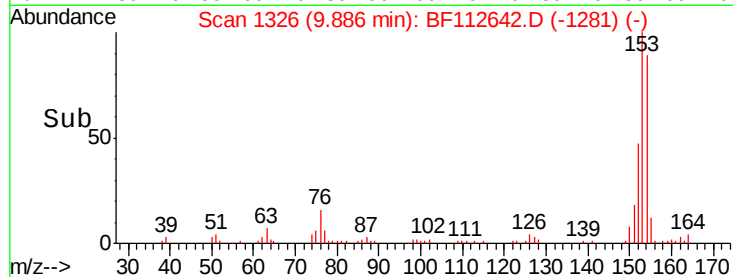
152 52.8 43.5 65.3



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



#55

Dibenzofuran

Concen: 3.271 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

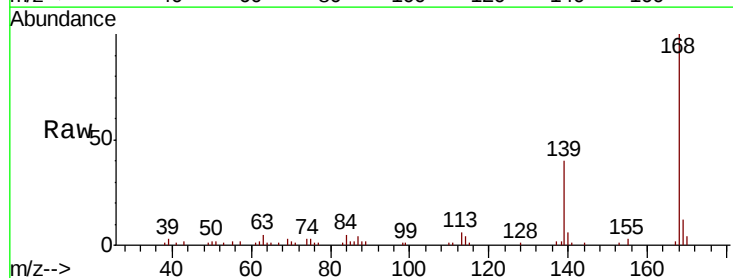
Tgt Ion:168 Resp: 46263

Ion Ratio Lower Upper

168 100

139 39.8 29.2 43.8

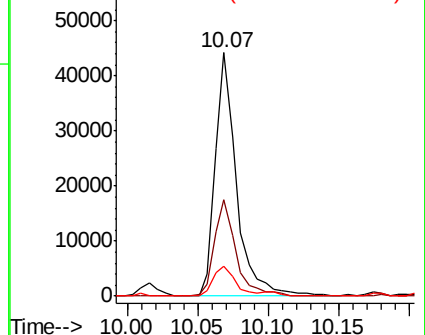
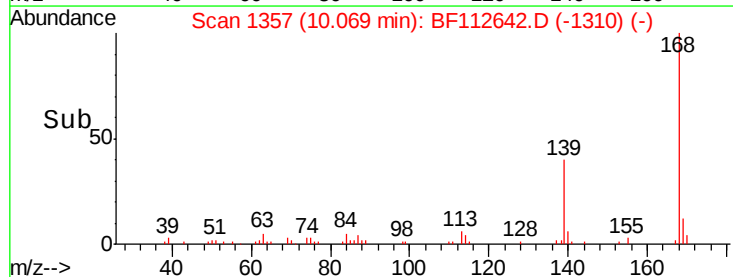
169 12.2 11.4 17.0

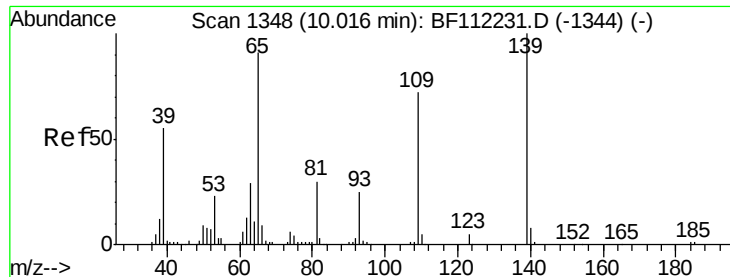


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 11.890 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.05 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Instrument :

BNA_F

ClientSampleId :

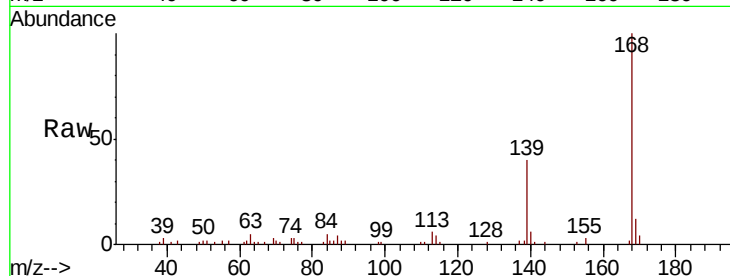
Tot Ion:139 Resp: 18480

Ion Ratio Lower Upper

139 100

109 0.0 42.8 82.8#

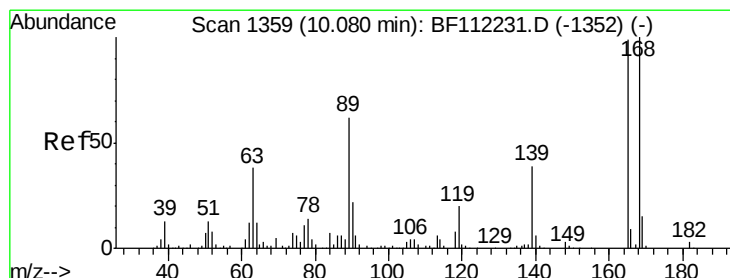
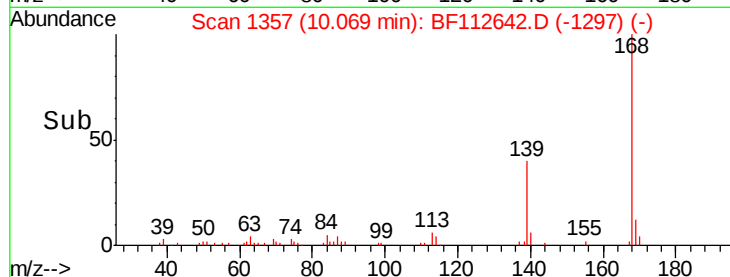
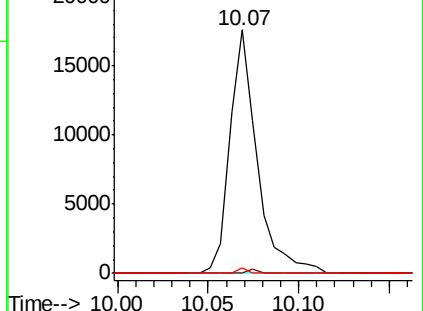
65 2.0 66.1 106.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 5.744 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.22 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Tgt Ion:165 Resp: 19843

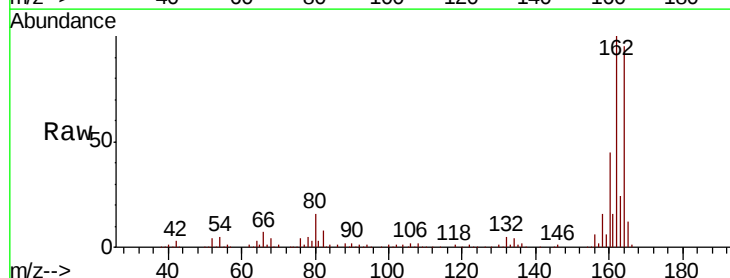
Ion Ratio Lower Upper

165 100

63 1.4 27.9 41.9#

89 1.4 47.9 71.9#

182 0.0 2.2 3.4#

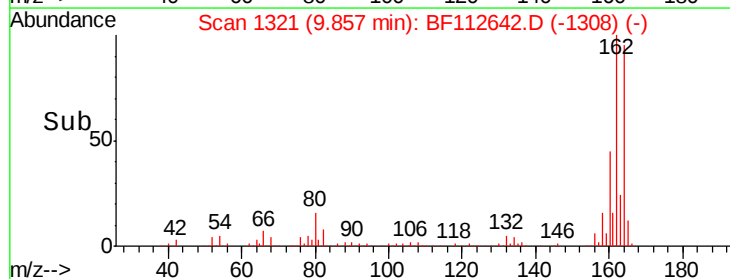
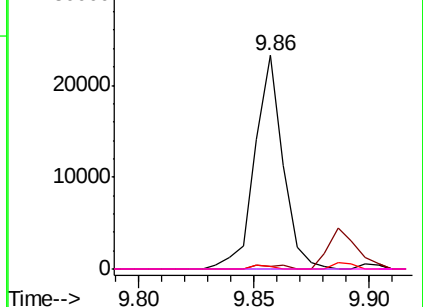


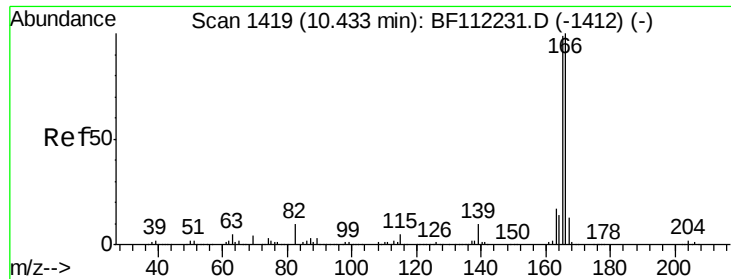
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 5.939 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Instrument :

BNA_F

ClientSampleId :

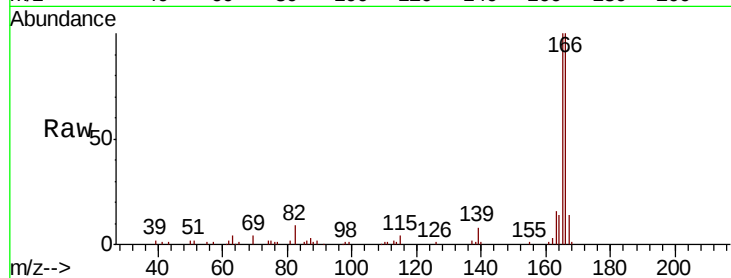
Tot Ion:166 Resp: 62872

Ion Ratio Lower Upper

166 100

165 99.7 77.1 115.7

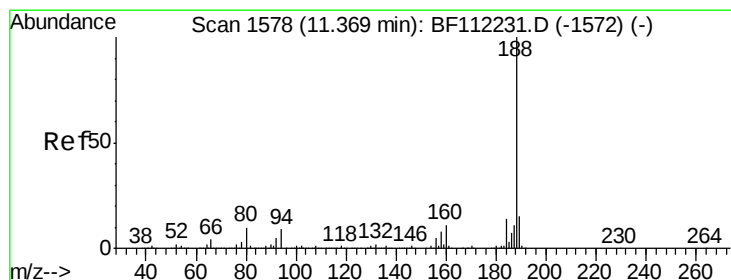
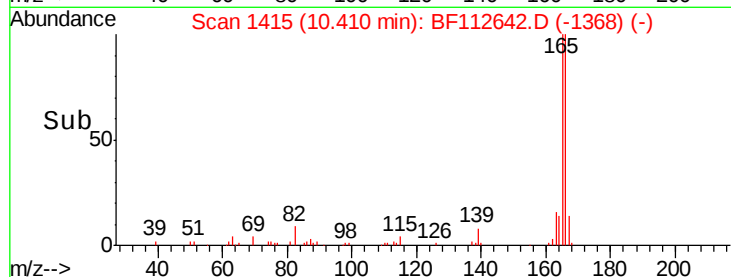
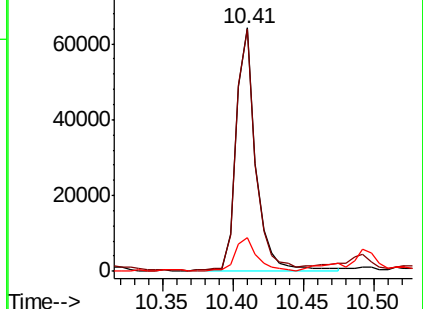
167 14.0 11.3 16.9



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

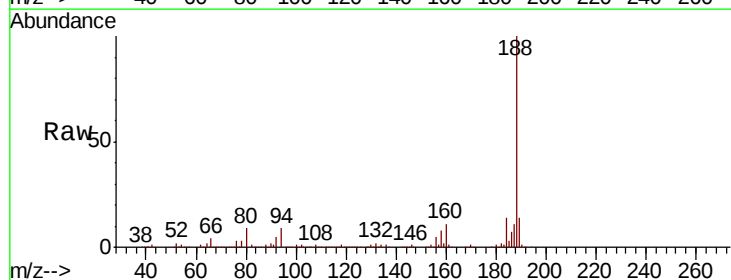
Tgt Ion:188 Resp: 271809

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

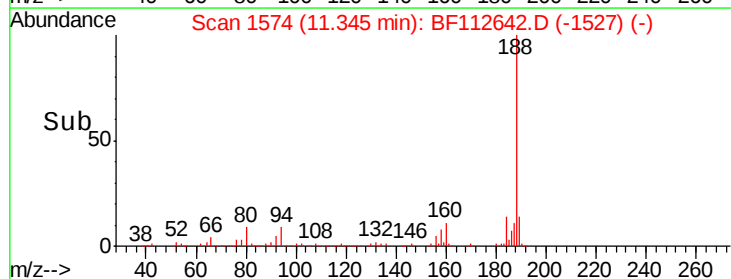
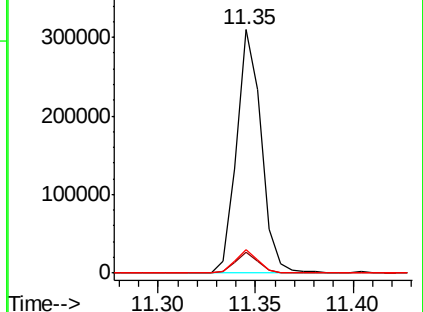
80 9.5 8.9 13.3

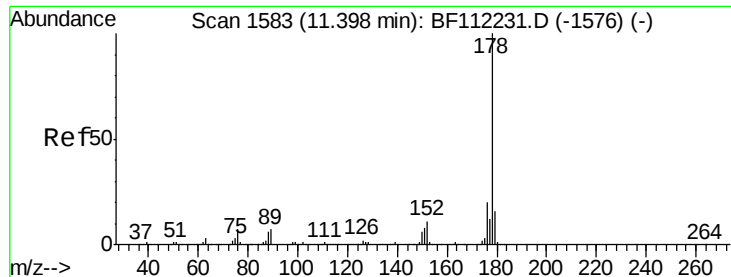


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 34.706 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.03 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Instrument :

BNA_F

ClientSampleId :

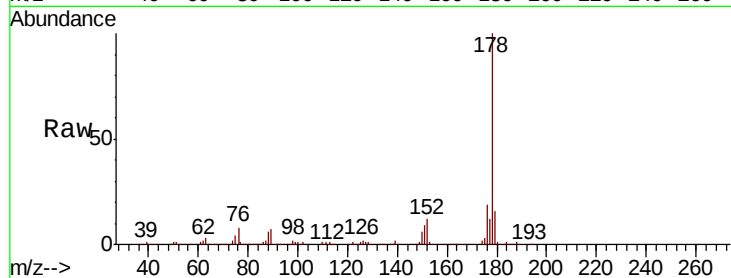
Tot Ion:178 Resp: 490430

Ion Ratio Lower Upper

178 100

176 19.2 16.3 24.5

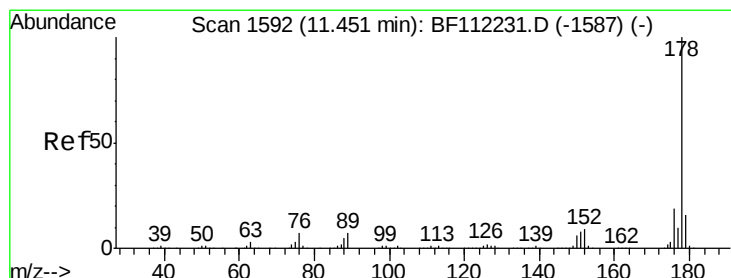
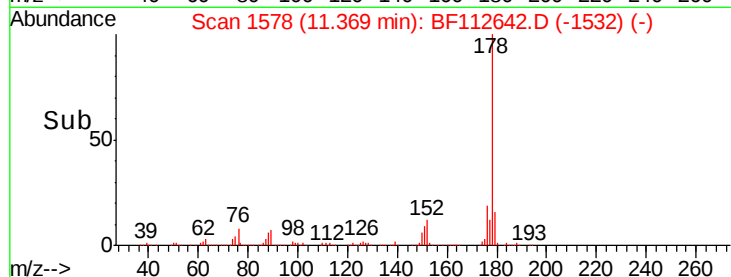
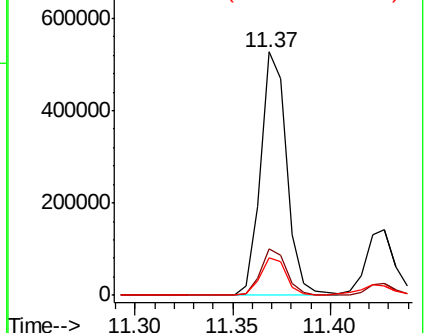
179 15.6 13.0 19.4



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: 10.052 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

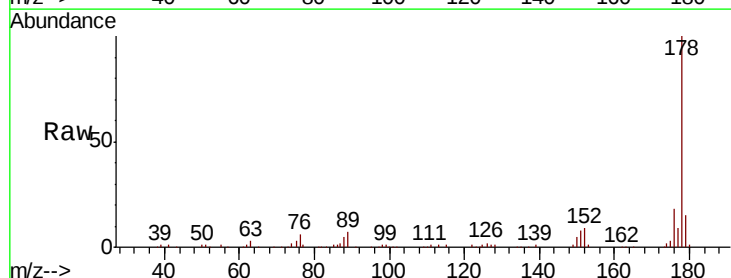
Tgt Ion:178 Resp: 141496

Ion Ratio Lower Upper

178 100

176 18.0 15.5 23.3

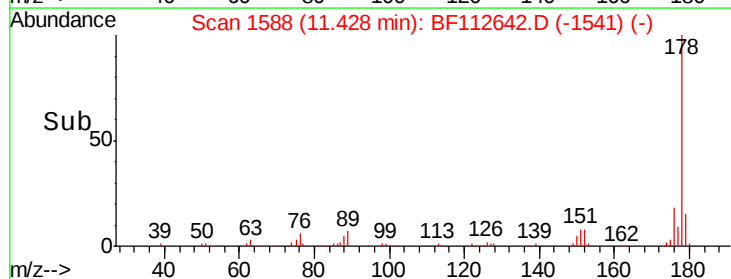
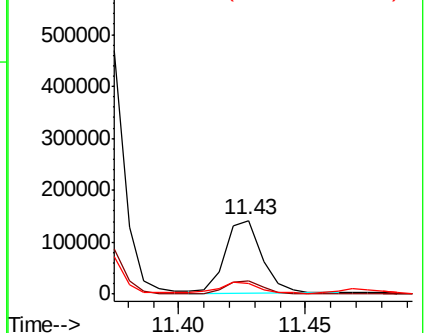
179 14.8 12.8 19.2

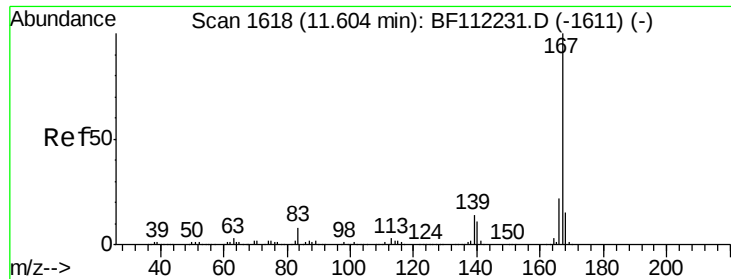


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

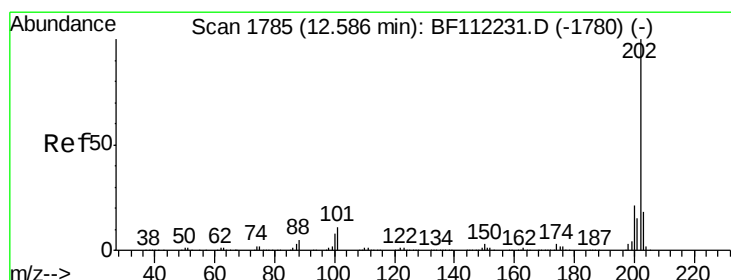
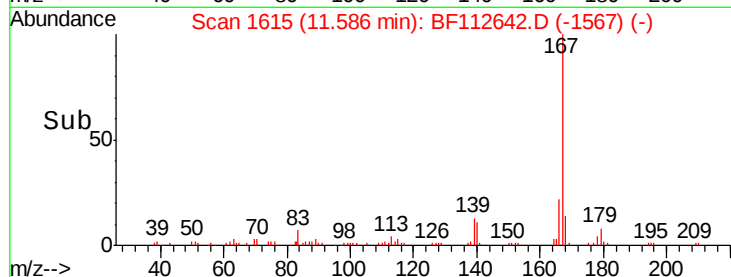
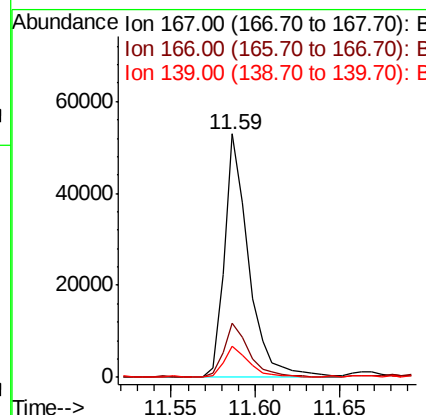
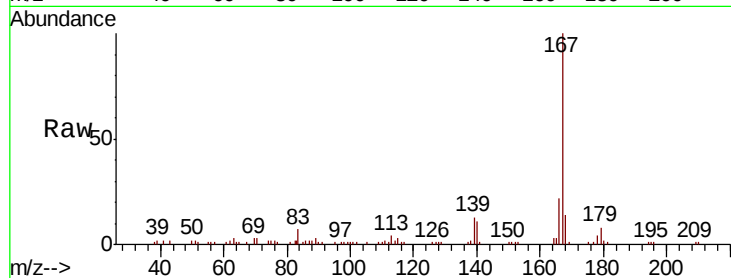




#73
 Carbazole
 Concen: 3.833 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BF112642.D
 Acq: 20 Feb 2019 15:22

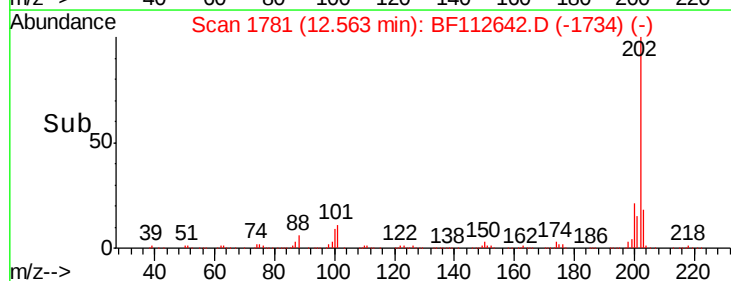
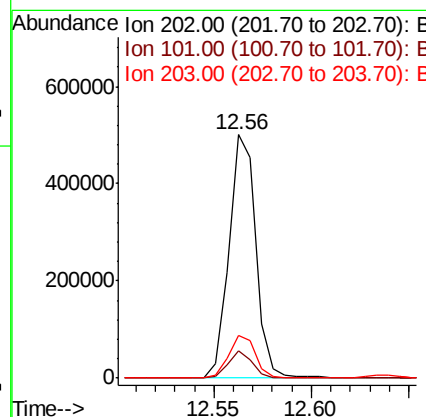
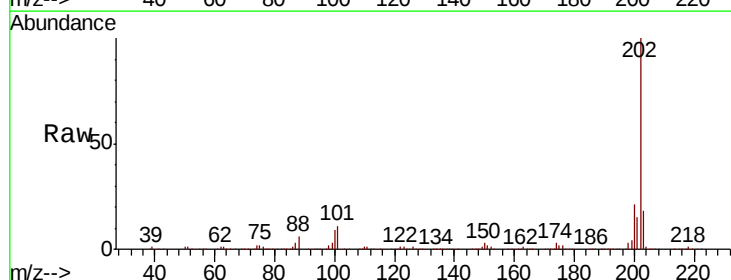
Instrument :
 BNA_F
 ClientSampleId :

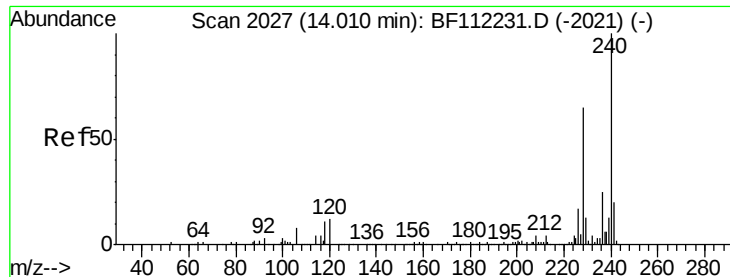
Tot Ion:167 Resp: 53216
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.9 26.9
 139 12.9 10.2 15.2



#75
 Fluoranthene
 Concen: 31.579 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. -0.02 min
 Lab File: BF112642.D
 Acq: 20 Feb 2019 15:22

Tgt Ion:202 Resp: 478618
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.8
 203 17.7 0.0 38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Instrument :

BNA_F

ClientSampleId :

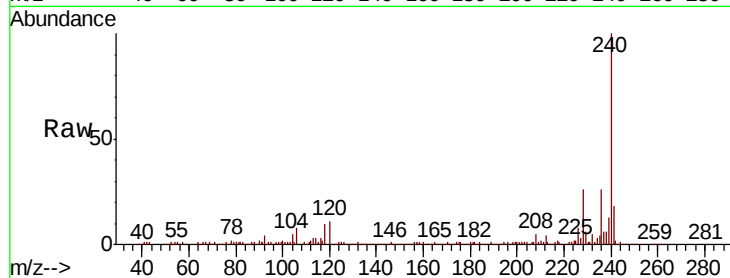
Tot Ion:240 Resp: 203899

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

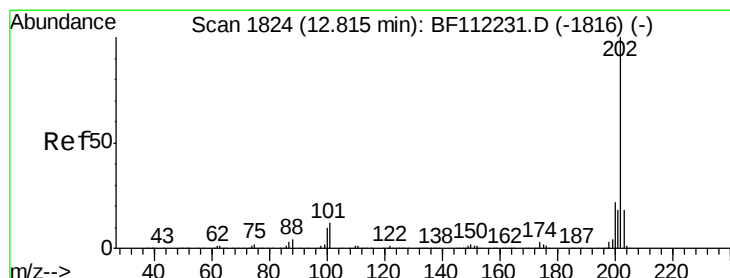
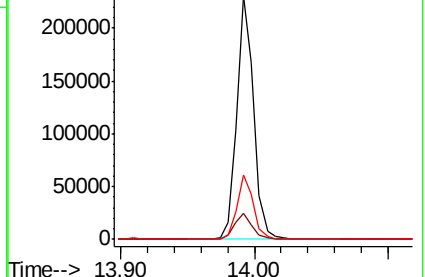
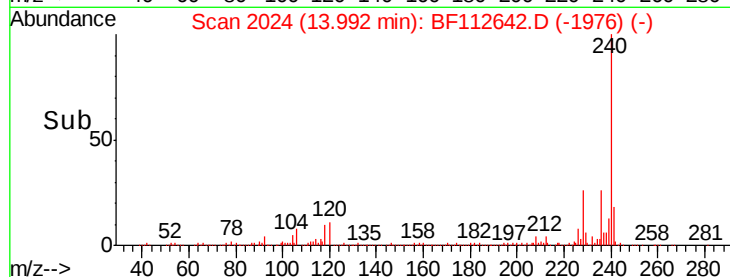
236 26.3 20.7 31.1



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: 27.465 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

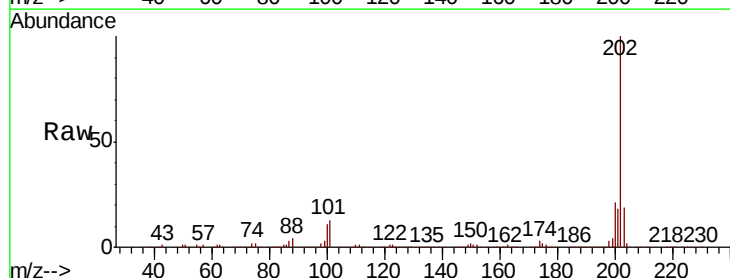
Tgt Ion:202 Resp: 387719

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

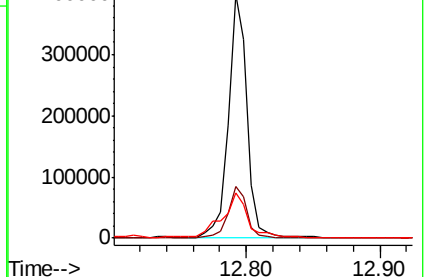
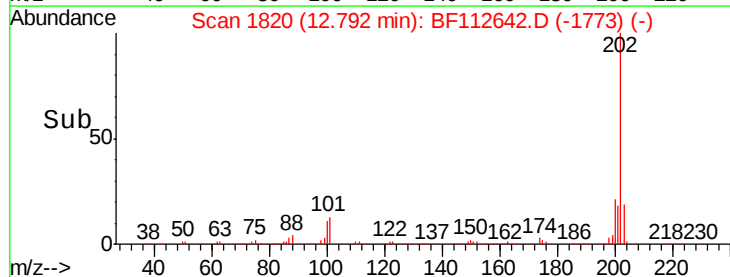
203 18.7 14.6 22.0

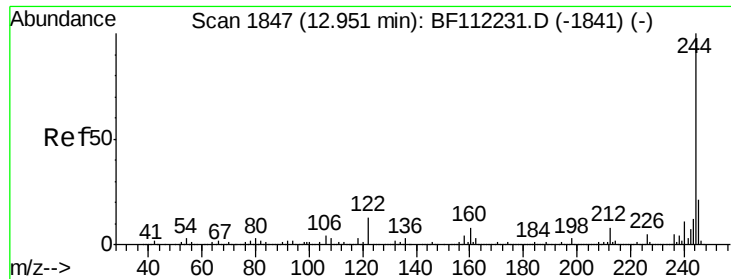


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 11.828 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Instrument :

BNA_F

ClientSampleId :

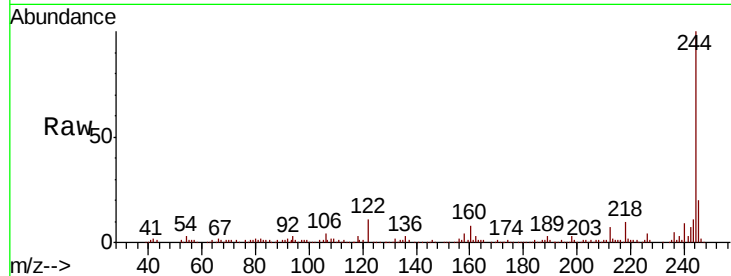
Tot Ion:244 Resp: 128051

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

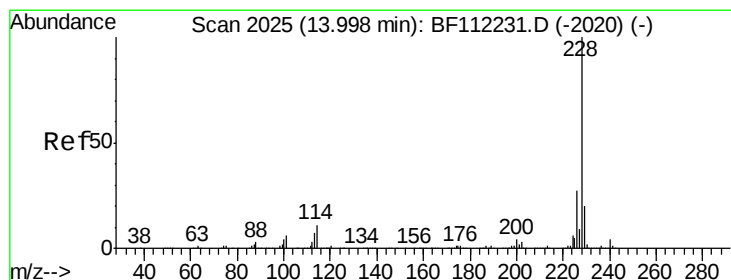
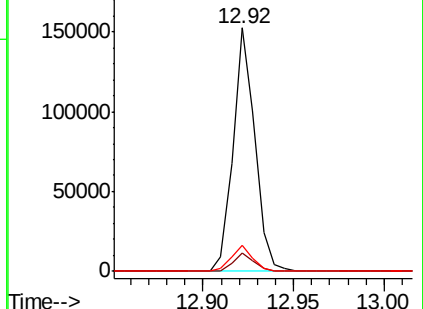
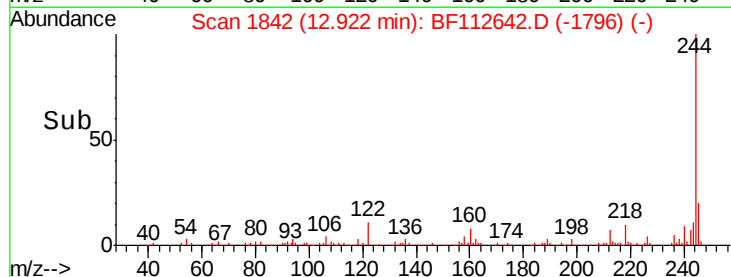
122 10.8 9.8 14.6



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: 15.346 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

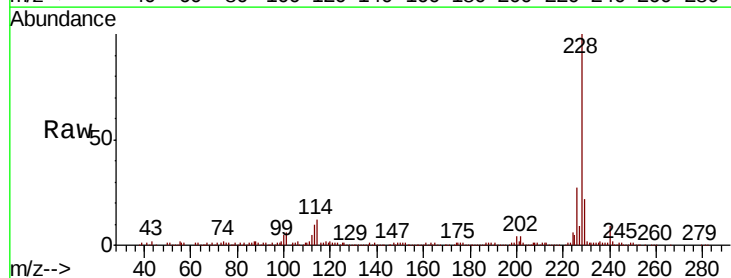
Tgt Ion:228 Resp: 183944

Ion Ratio Lower Upper

228 100

226 26.7 22.6 34.0

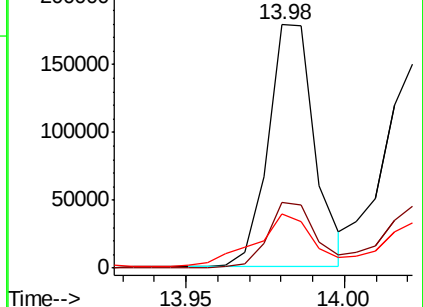
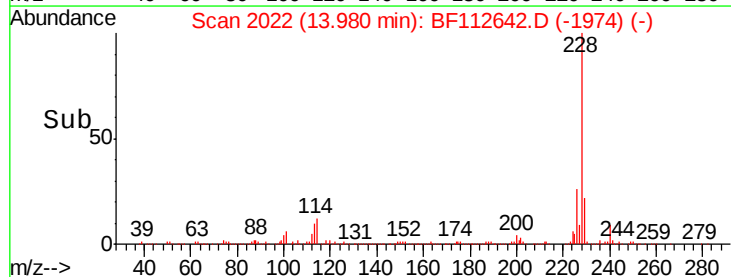
229 22.2 16.5 24.7

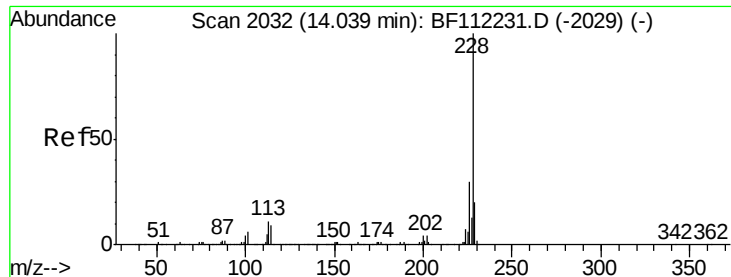


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 13.837 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

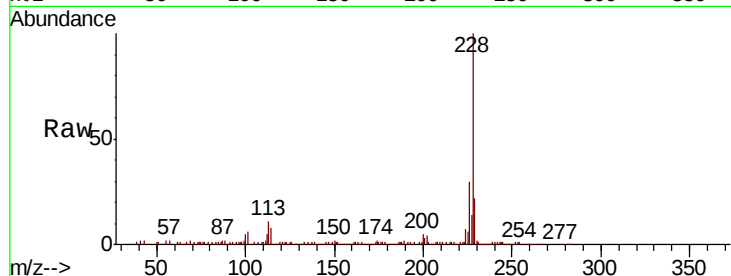
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 158321

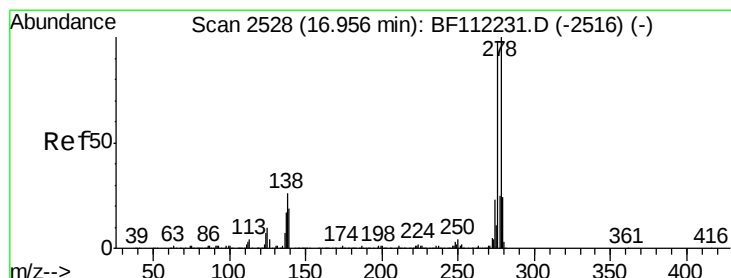
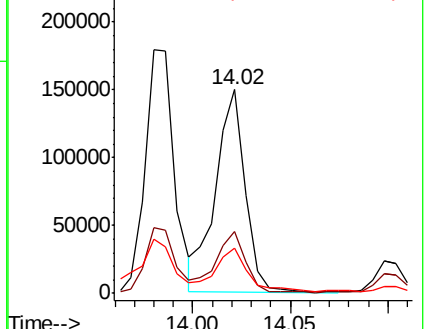
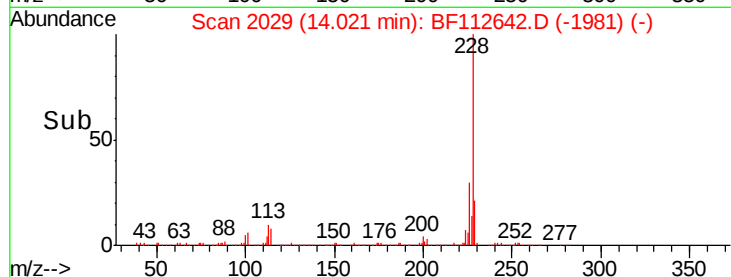
Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	22.3	16.6	24.8



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: 8.960 ng

RT: 16.96 min Scan# 2529

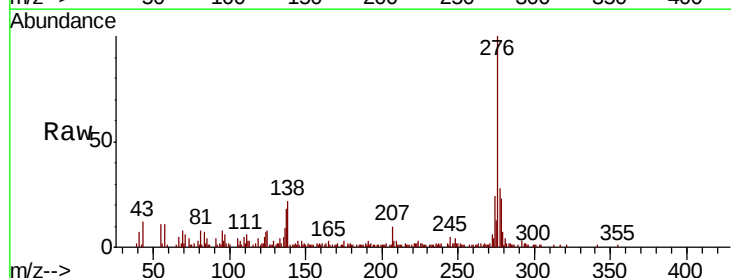
Delta R.T. 0.01 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Tgt Ion:276 Resp: 81227

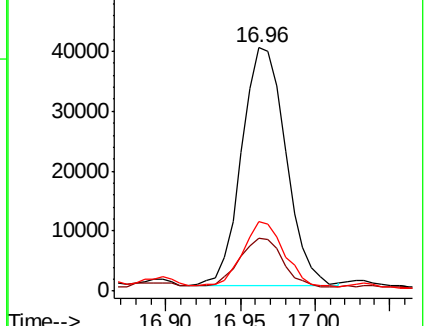
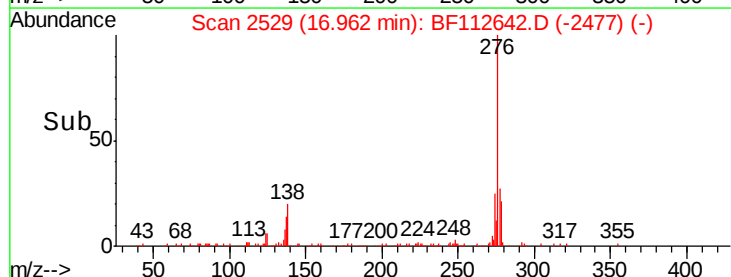
Ion	Ratio	Lower	Upper
276	100		
138	20.0	22.6	34.0#
277	25.8	20.3	30.5

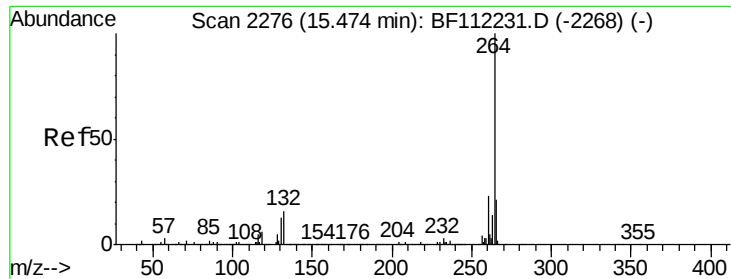


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

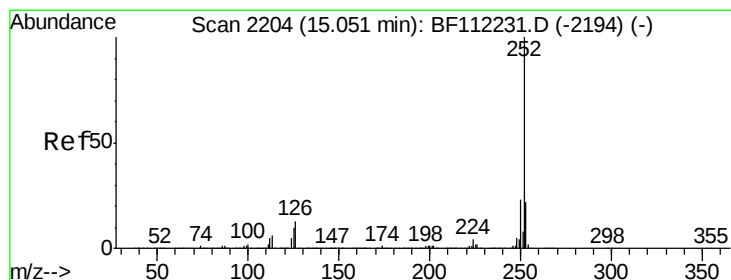
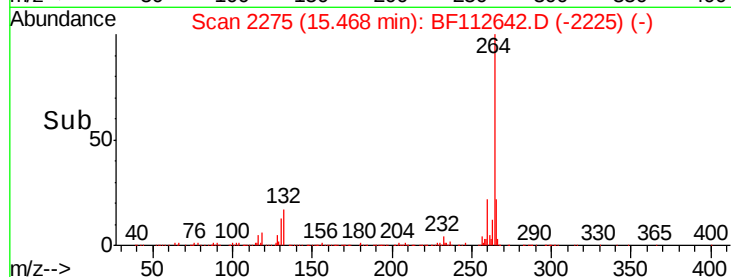
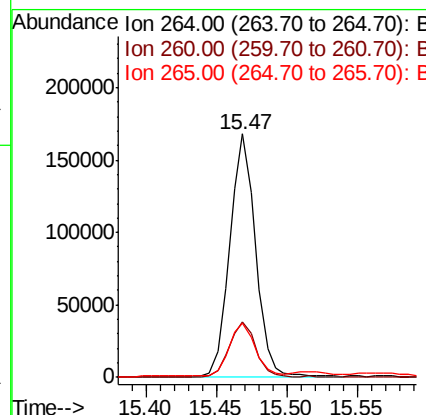
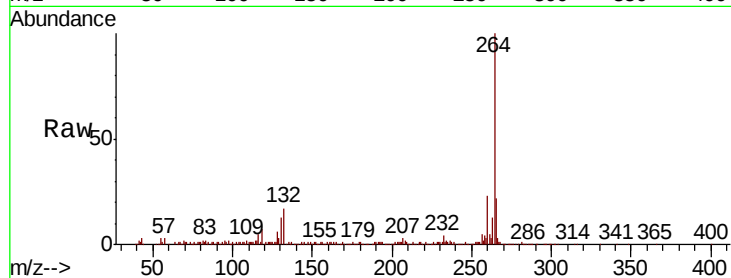




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112642.D
Acq: 20 Feb 2019 15:22

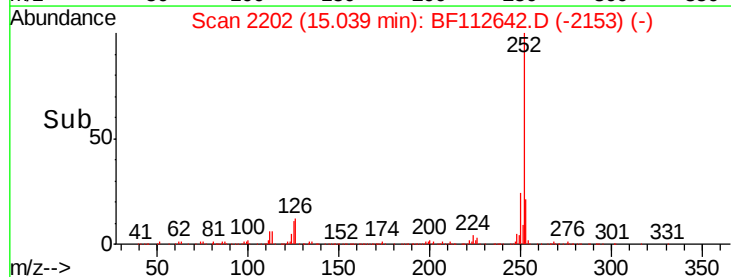
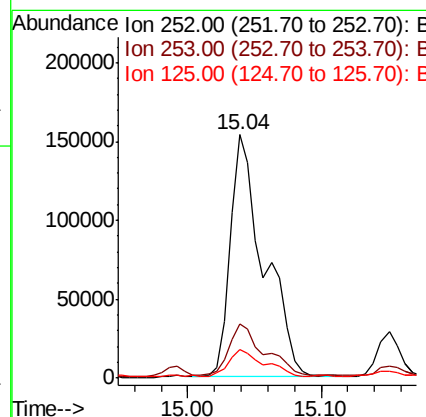
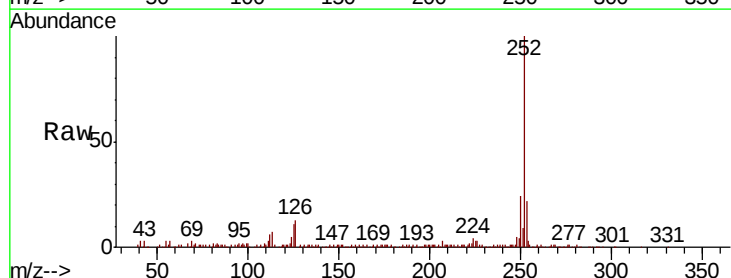
Instrument :
BNA_F
ClientSampleId :

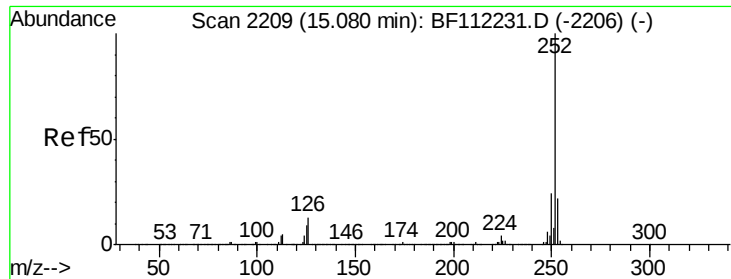
Tot Ion:264 Resp: 212212
Ion Ratio Lower Upper
264 100
260 22.7 18.2 27.2
265 22.3 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 21.374 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF112642.D
Acq: 20 Feb 2019 15:22

Tgt Ion:252 Resp: 271268
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.5 8.7 13.1

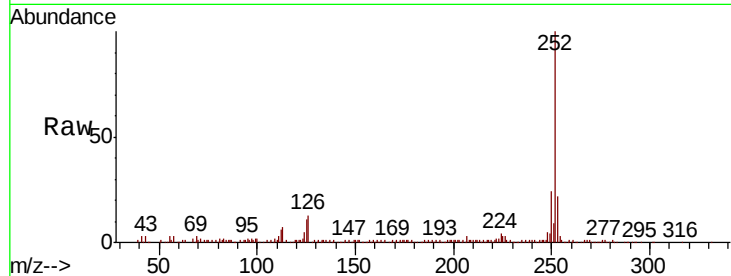




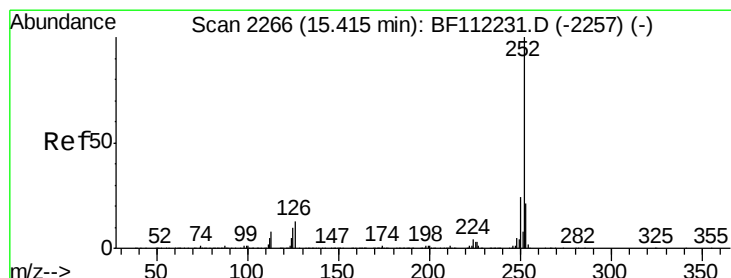
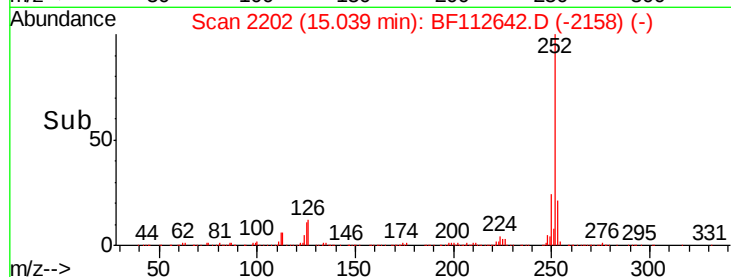
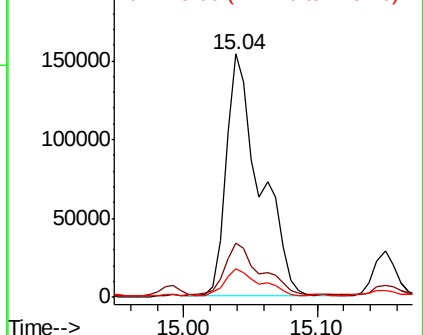
#89
Benzo(k)fluoranthene
Concen: 22.297 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF112642.D
Acq: 20 Feb 2019 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 271050
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.5 9.1 13.7

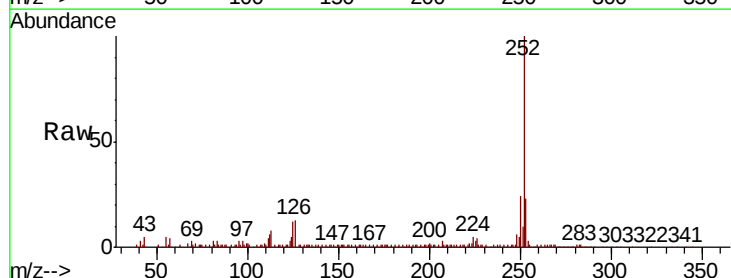


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

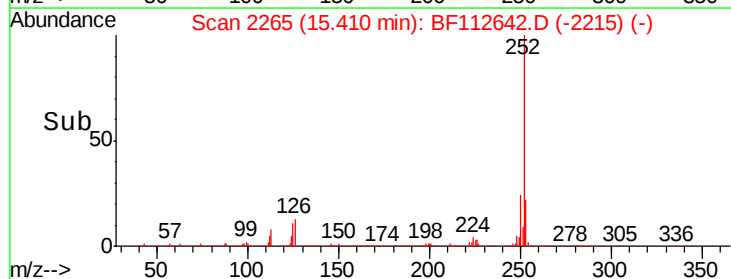
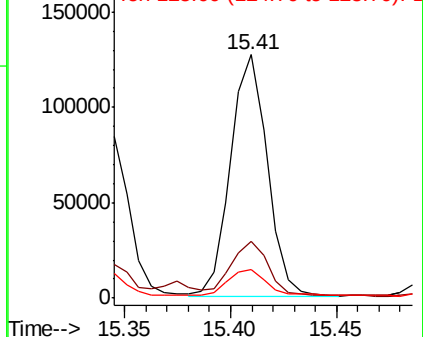


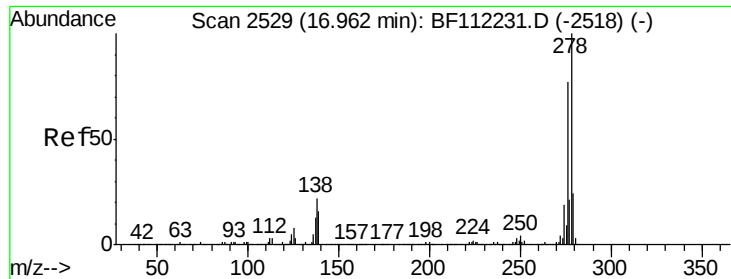
#90
Benzo(a)pyrene
Concen: 13.427 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112642.D
Acq: 20 Feb 2019 15:22

Tgt Ion:252 Resp: 153329
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 11.8 9.0 13.4



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





#91

Dibenzo(a,h)anthracene

Concen: 2.226 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

Instrument :

BNA_F

ClientSampleId :

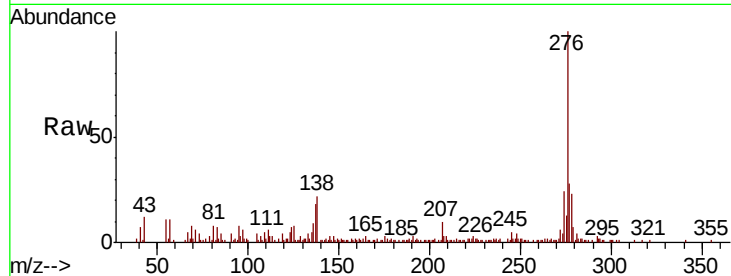
Tot Ion:278 Resp: 20490

Ion Ratio Lower Upper

278 100

139 0.0 13.7 20.5#

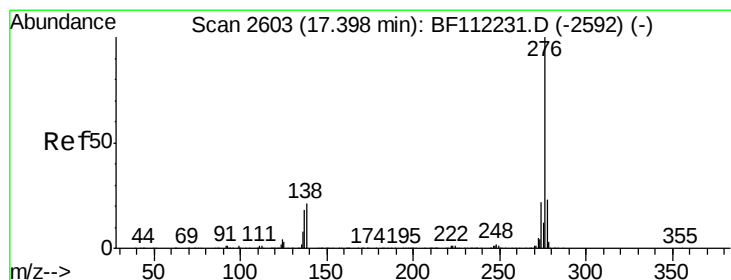
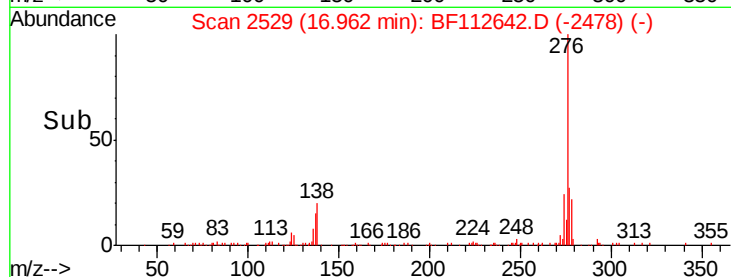
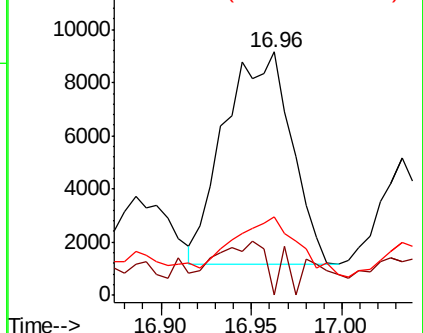
279 32.3 19.0 28.6#



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: 8.810 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.02 min

Lab File: BF112642.D

Acq: 20 Feb 2019 15:22

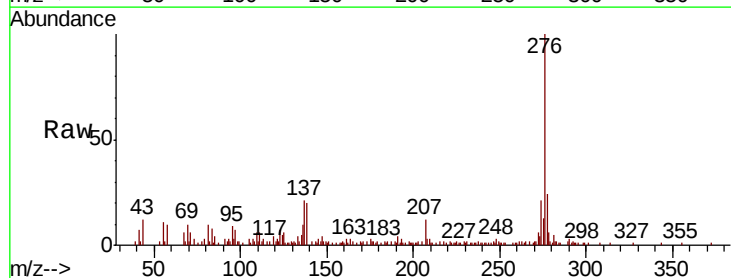
Tgt Ion:276 Resp: 76499

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 20.0 19.1 28.7



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

