

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102994.D
 Acq On : 14 Feb 2018 17:24
 Operator : SJ/JU
 Sample : J1539-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 00:06:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	164415	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	648162	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	242070	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	334182	20.00	ng	0.00
75) Chrysene-d12	14.04	240	305302	20.00	ng	0.00
86) Perylene-d12	15.53	264	259289	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1142279	105.51	ng	0.01
7) Phenol-d6	6.51	99	1331242	102.12	ng	0.01
23) Nitrobenzene-d5	7.44	82	843787	90.31	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	178747	91.74	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1056547	72.42	ng	0.00
78) Terphenyl-d14	12.99	244	668915	51.88	ng	0.00

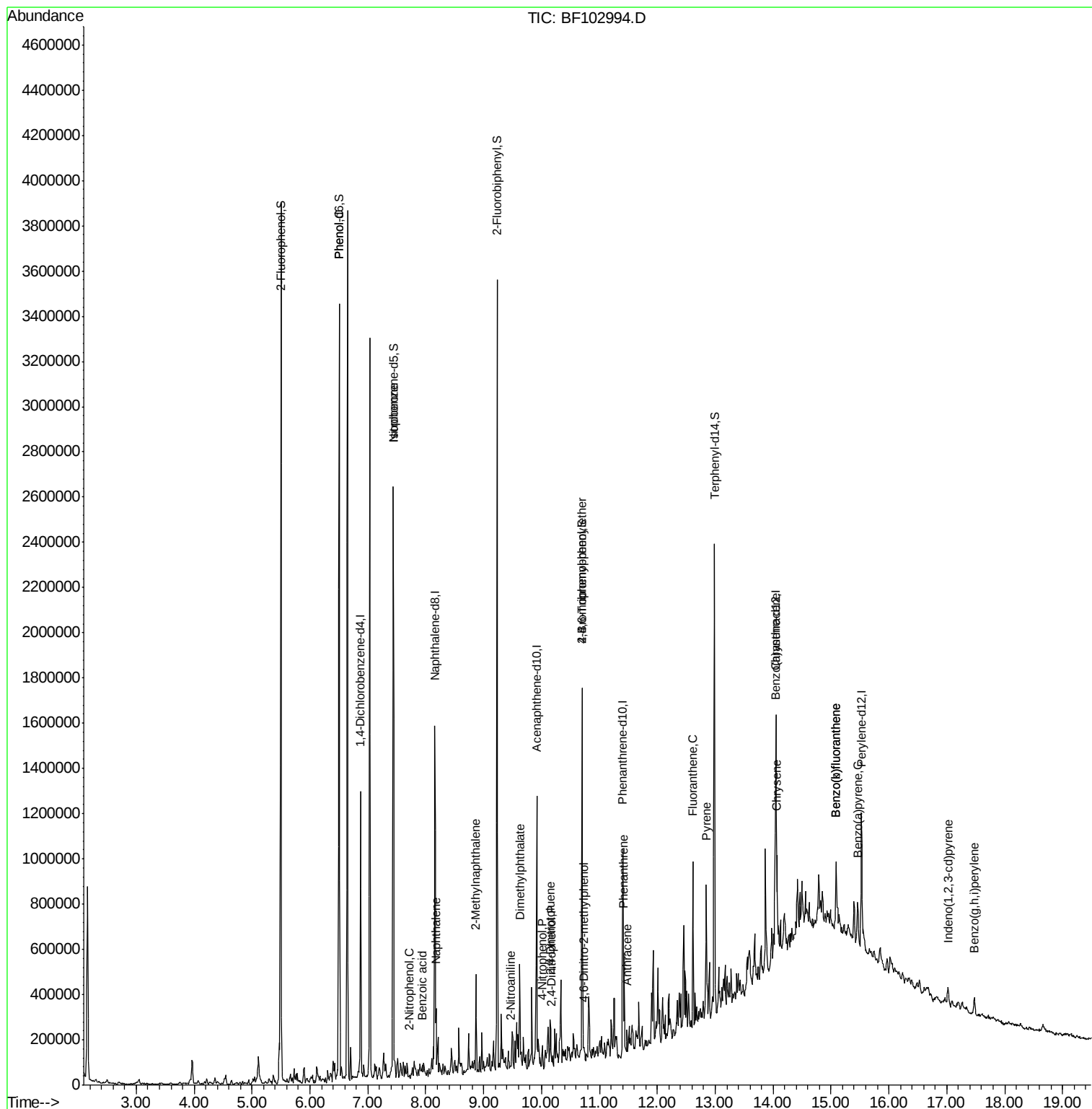
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	52466	3.76	ng	81
25) Isophorone	7.44	82	843787	39.22	ng	# 64
26) 2-Nitrophenol	7.72	139	145	8.69	ng	# 1
31) Naphthalene	8.18	128	91870	2.90	ng	97
32) Benzoic acid	7.94	122	11840	10.32	ng	# 20
37) 2-Methylnaphthalene	8.87	142	103919	5.01	ng	99
47) 2-Nitroaniline	9.46	65	305	3.53	ng	# 1
49) Dimethylphthalate	9.62	163	90221	4.78	ng	98
53) 2,4-Dinitrophenol	10.17	184	107	8.09	ng	# 1
55) 4-Nitrophenol	10.02	139	2637	4.71	ng	84
56) 2,4-Dinitrotoluene	10.15	165	1338	3.34	ng	# 54
64) 4,6-Dinitro-2-methylphenol	10.73	198	3350	11.01	ng	79
66) 4-Bromophenyl-phenylether	10.70	248	12309	3.48	ng	# 1
70) Phenanthrene	11.42	178	163811	8.80	ng	100
71) Anthracene	11.47	178	39502	2.09	ng	99
74) Fluoranthene	12.62	202	210432	11.24	ng	97
77) Pyrene	12.84	202	199347	8.33	ng	99
80) Benzo(a)anthracene	14.03	228	138516	7.21	ng	# 89
82) Chrysene	14.07	228	205425	10.61	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.02	276	46121	2.87	ng	97
87) Benzo(b)fluoranthene	15.09	252	189975	11.30	ng	# 92
88) Benzo(k)fluoranthene	15.09	252	189975	11.83	ng	# 95
89) Benzo(a)pyrene	15.46	252	84442	5.58	ng	# 87
91) Benzo(g,h,i)perylene	17.48	276	57822	4.81	ng	# 89

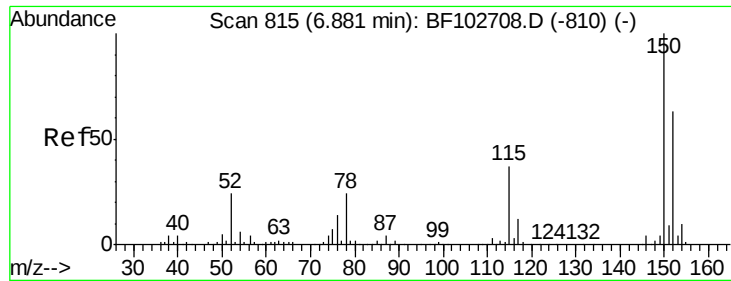
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

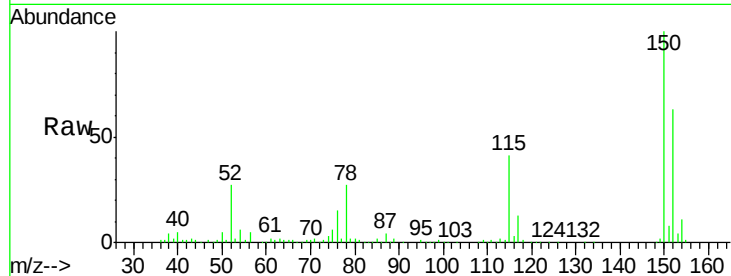
Tot Ion:152 Resp: 164415

Ion Ratio Lower Upper

152 100

150 158.6 124.6 186.8

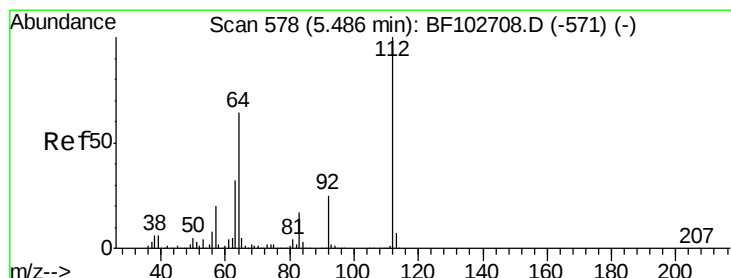
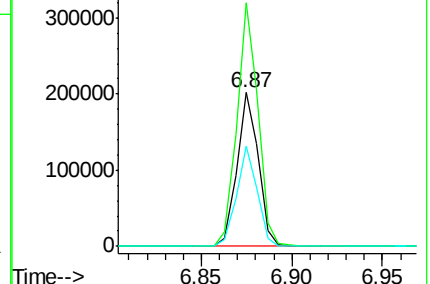
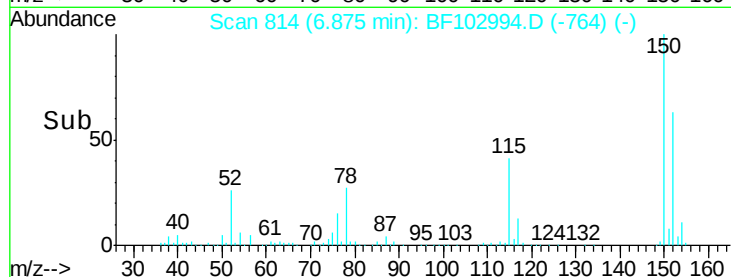
115 65.2 50.1 75.1



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: 105.51 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

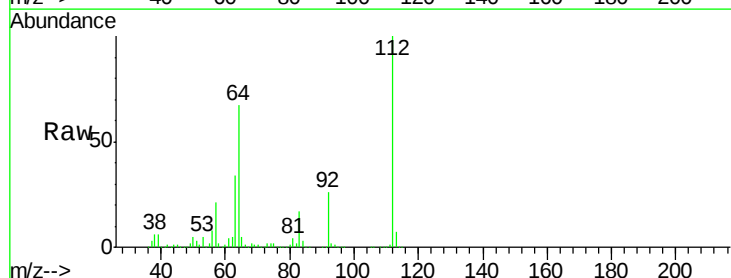
Tgt Ion:112 Resp: 1142279

Ion Ratio Lower Upper

112 100

64 66.7 47.9 71.9

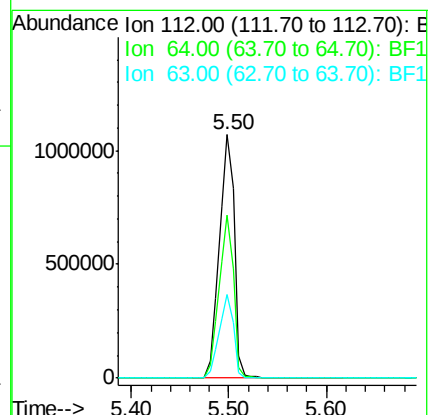
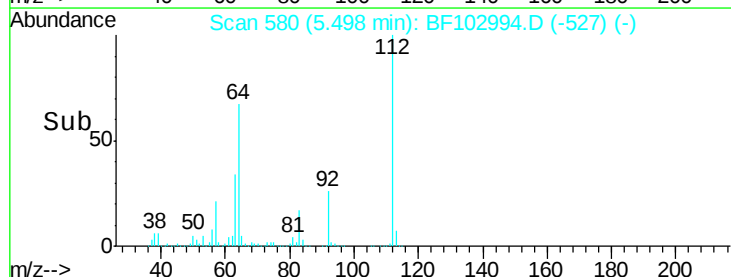
63 34.1 23.7 35.5



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: 102.12 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

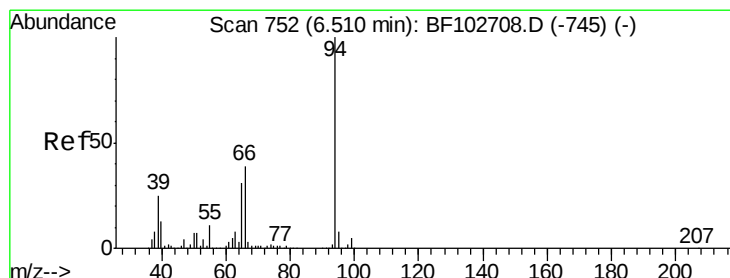
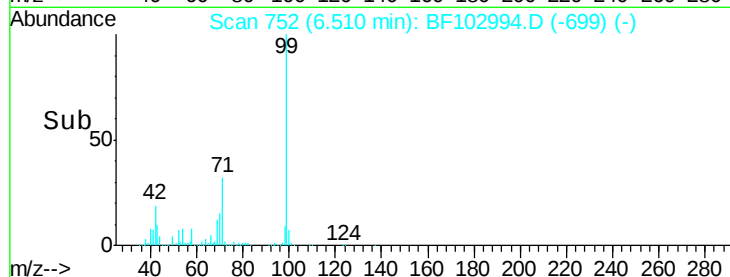
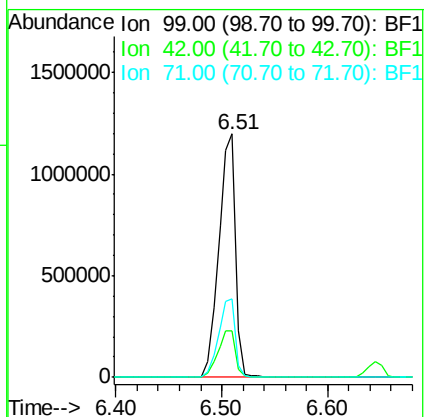
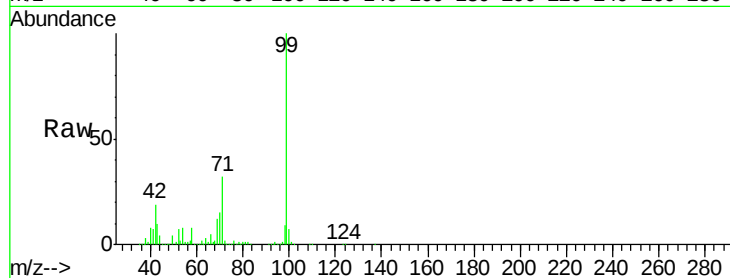
Tot Ion: 99 Resp: 1331242

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.0 25.4 38.0



#10

Phenol

Concen: 3.76 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

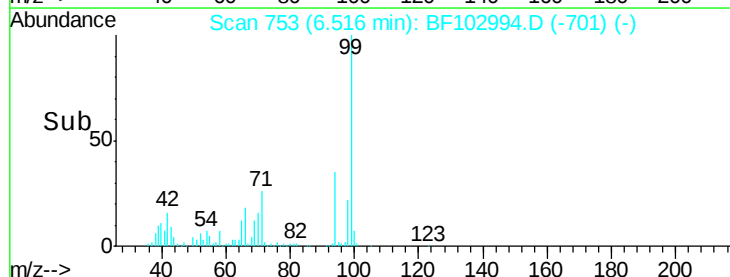
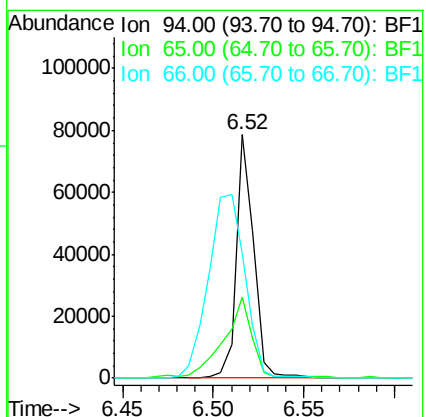
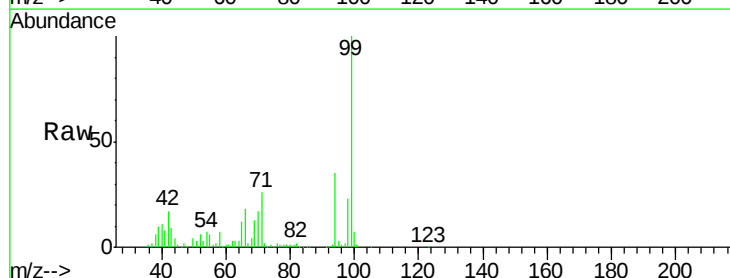
Tgt Ion: 94 Resp: 52466

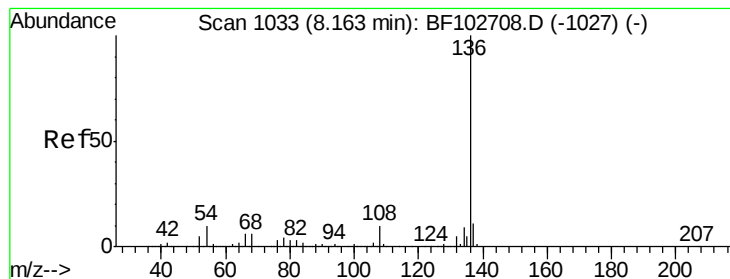
Ion Ratio Lower Upper

94 100

65 33.2 7.9 47.9

66 51.3 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 648162

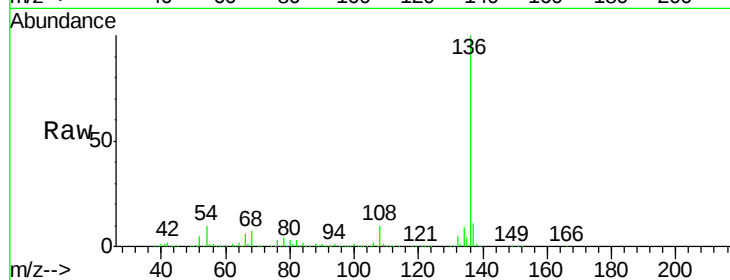
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.3 6.6 9.8#

68 7.2 5.0 7.4

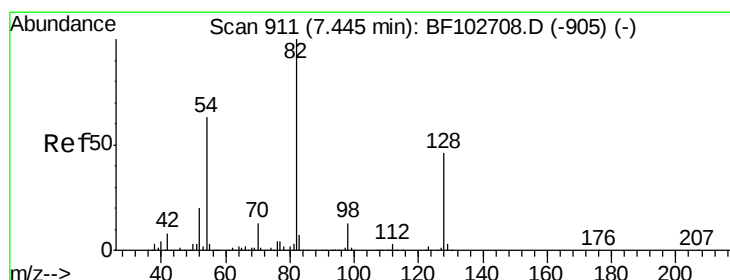
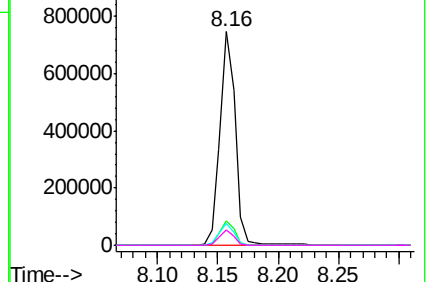
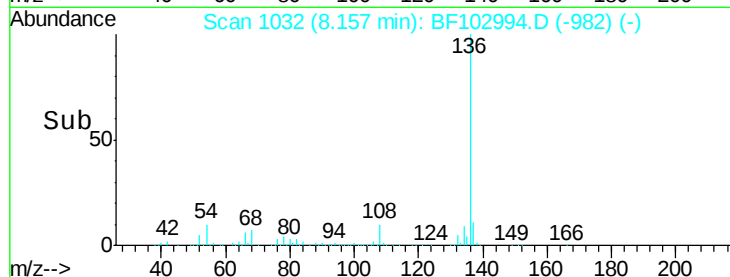


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 90.31 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

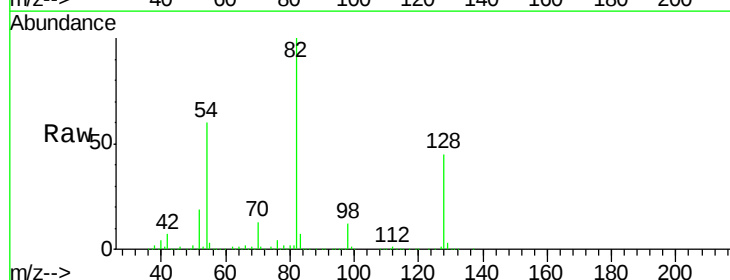
Tgt Ion: 82 Resp: 843787

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

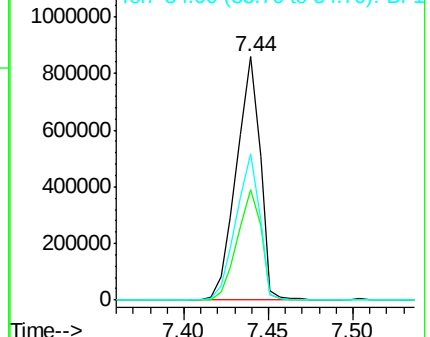
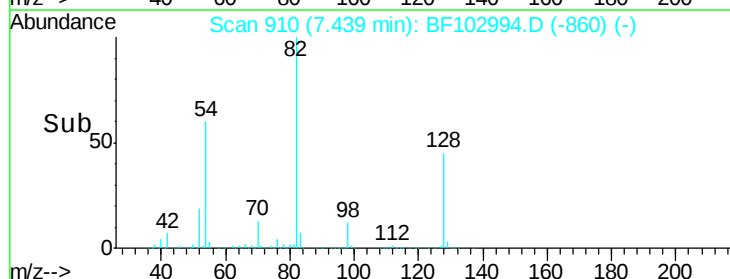
54 60.4 41.4 62.2

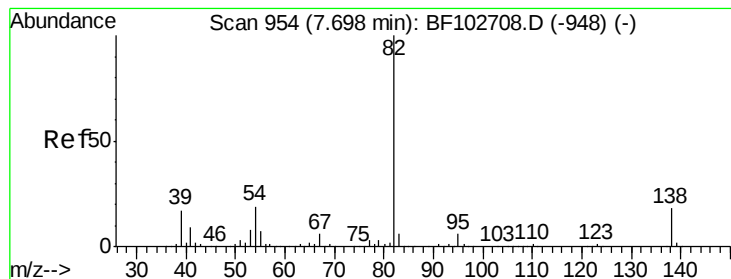


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.22 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

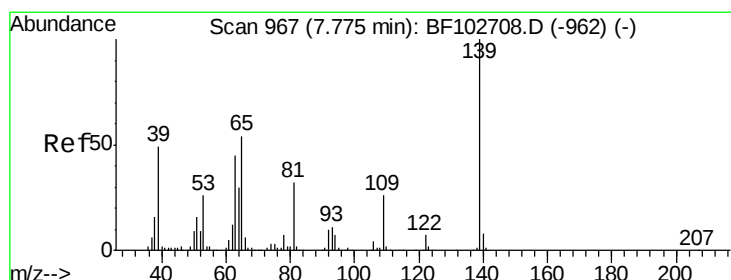
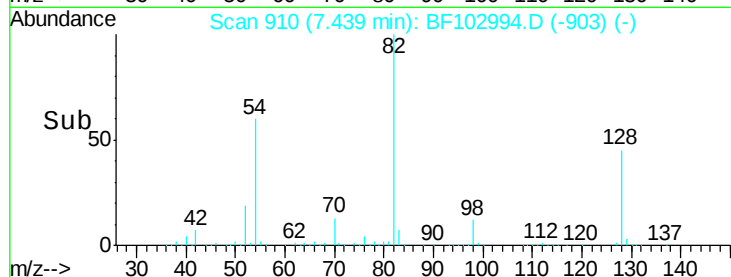
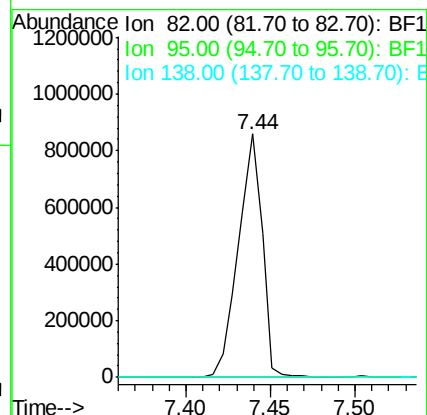
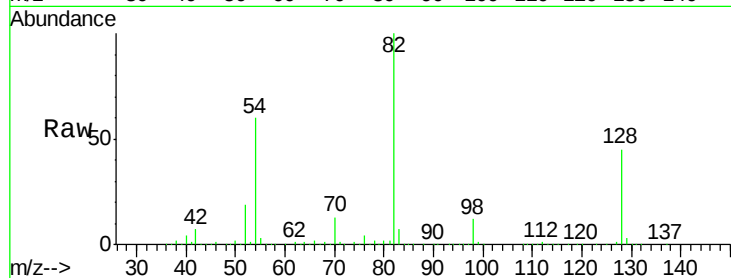
Tot Ion: 82 Resp: 843787

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

138 0.0 14.9 22.3#



#26

2-Nitrophenol

Concen: 8.69 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.05 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

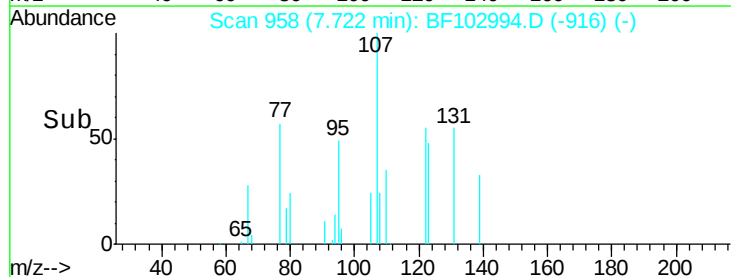
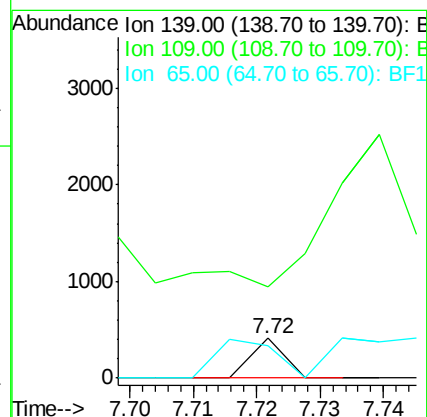
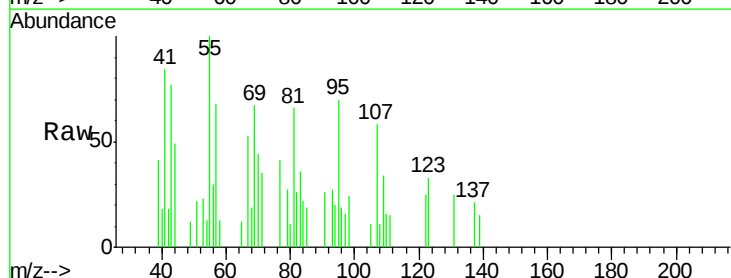
Tgt Ion: 139 Resp: 145

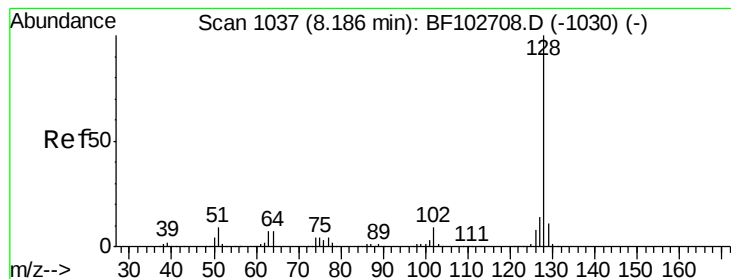
Ion Ratio Lower Upper

139 100

109 230.0 22.7 34.1#

65 80.2 40.5 60.7#





#31

Naphthalene

Concen: 2.90 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

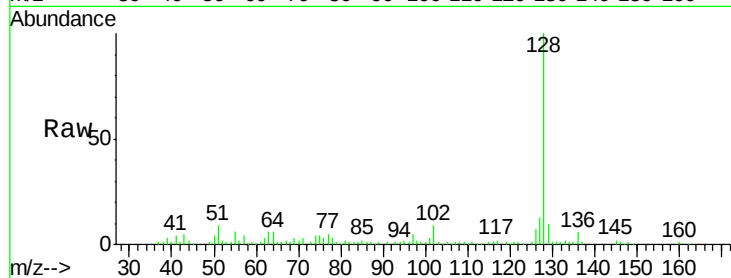
Tot Ion:128 Resp: 91870

Ion Ratio Lower Upper

128 100

129 9.7 8.8 13.2

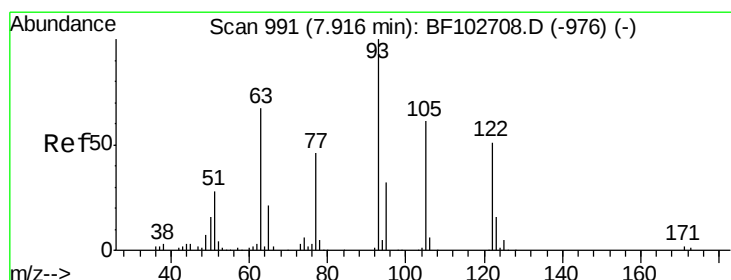
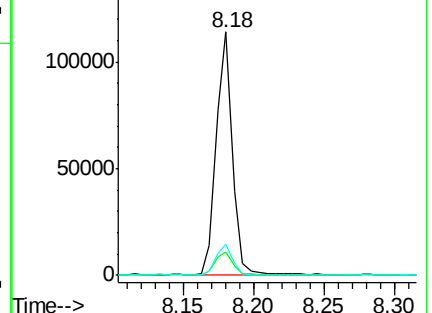
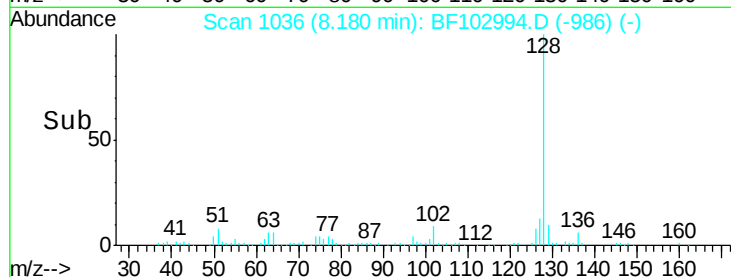
127 12.8 10.9 16.3



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



#32

Benzoic acid

Concen: 10.32 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

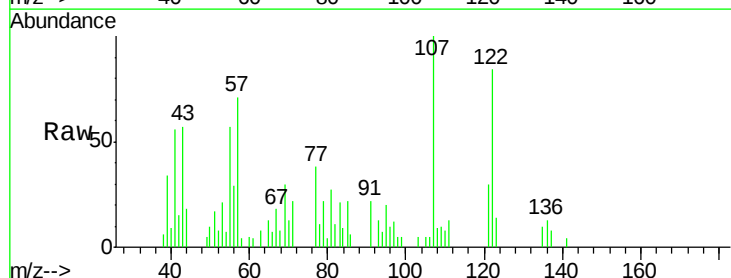
Tgt Ion:122 Resp: 11840

Ion Ratio Lower Upper

122 100

105 5.9 101.1 141.1#

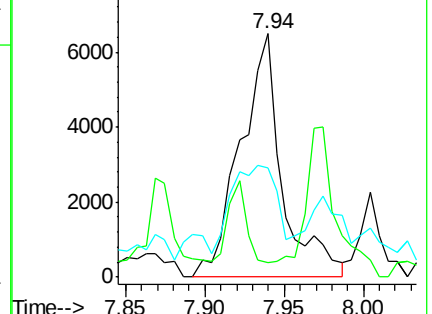
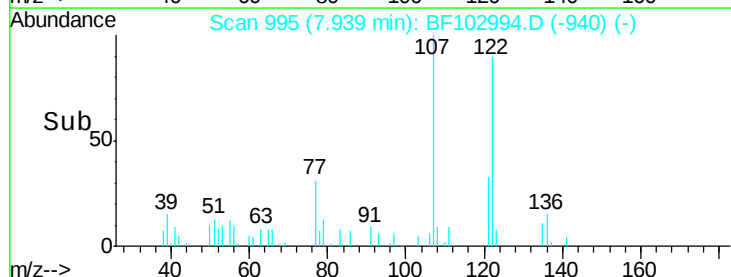
77 45.0 70.7 110.7#

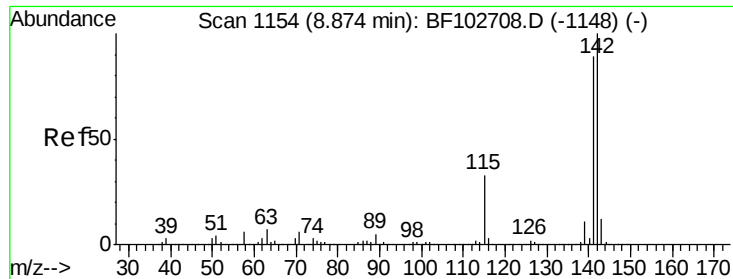


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

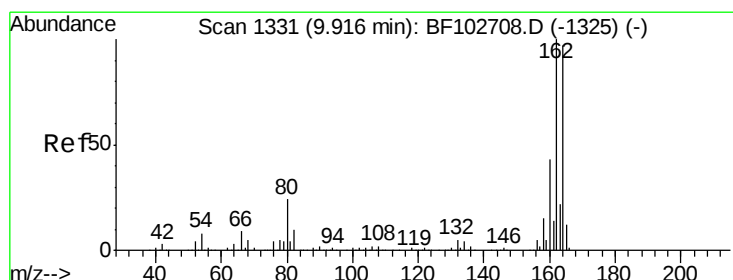
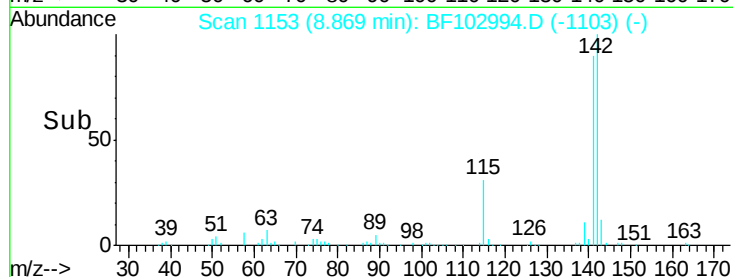
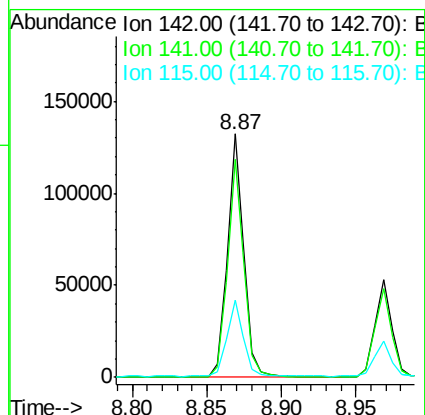
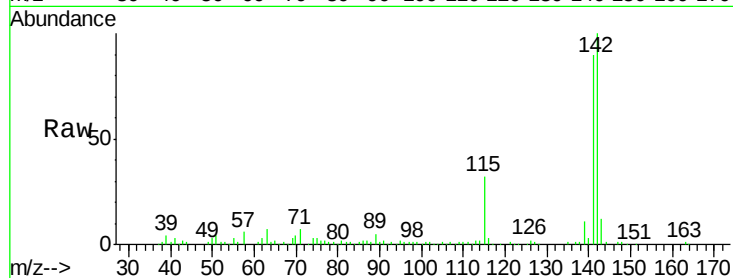




#37
 2-Methylnaphthalene
 Concen: 5.01 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF102994.D
 Acq: 14 Feb 2018 17:24

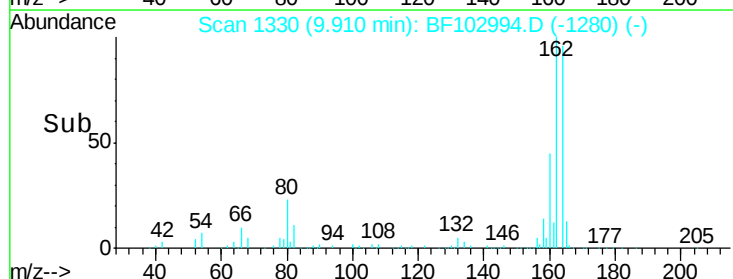
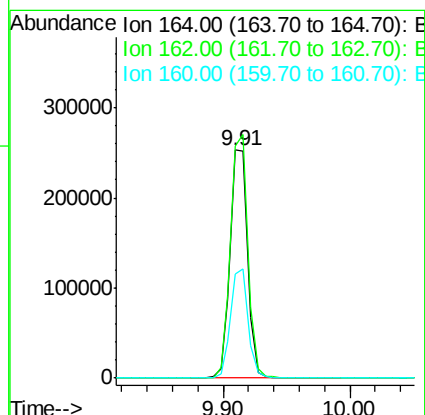
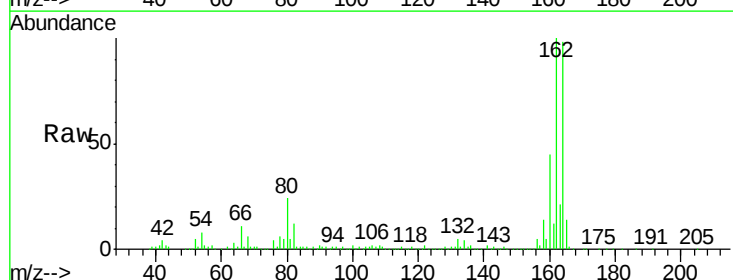
Instrument :
 BNA_F
 ClientSampleId :

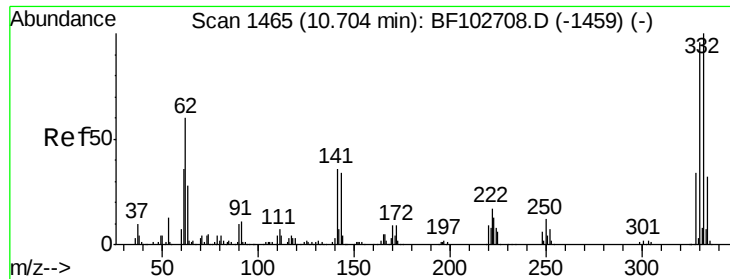
Tot Ion:142 Resp: 103919
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.8 106.2
 115 31.5 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF102994.D
 Acq: 14 Feb 2018 17:24

Tgt Ion:164 Resp: 242070
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.1 129.1
 160 45.5 38.3 57.5

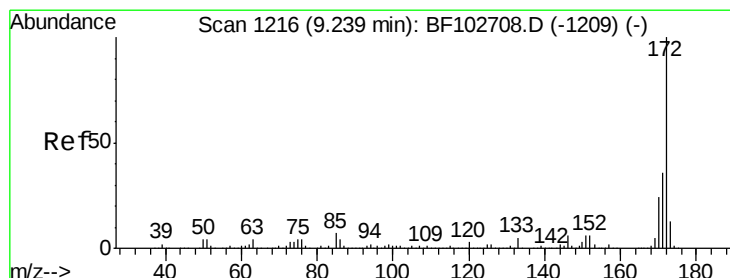
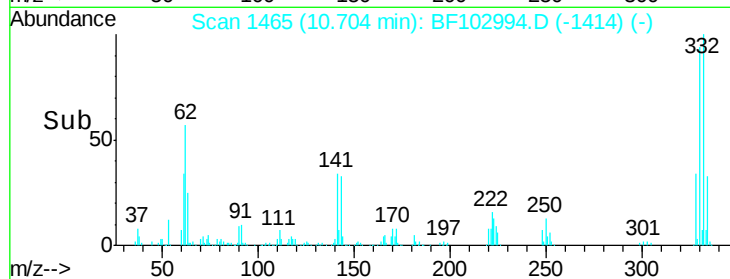
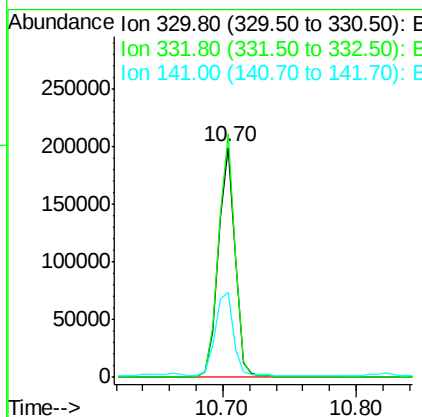
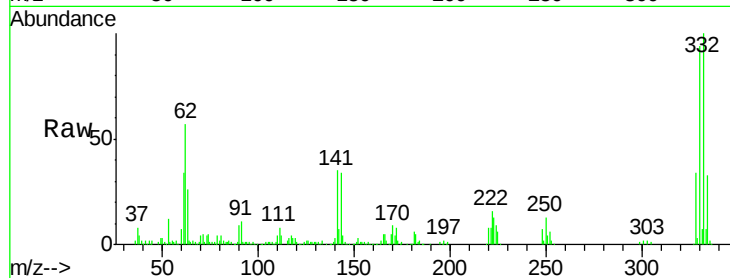




#41
 2,4,6-Tribromophenol
 Concen: 91.74 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102994.D
 Acq: 14 Feb 2018 17:24

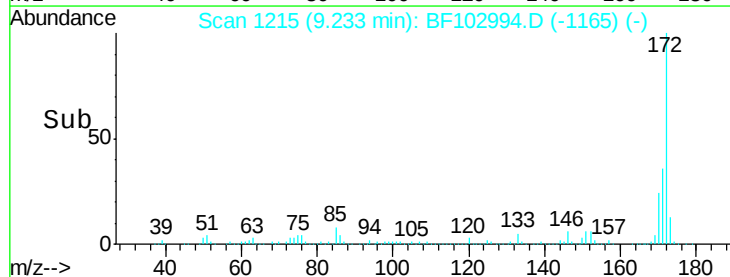
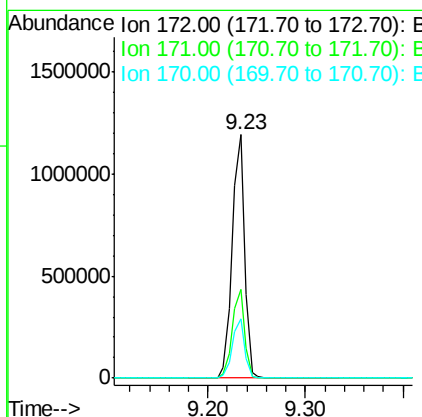
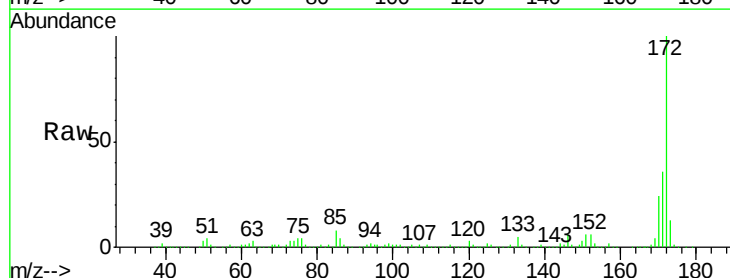
Instrument :
 BNA_F
 ClientSampleId :

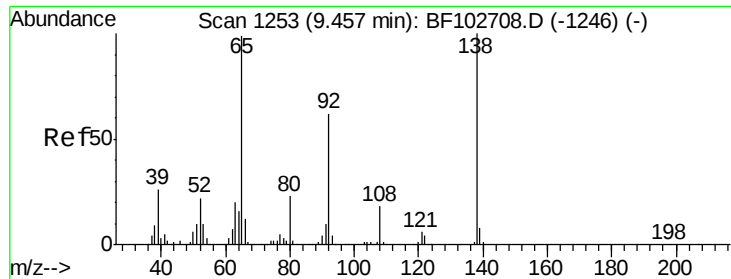
Tot Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	40.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 72.42 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102994.D
 Acq: 14 Feb 2018 17:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4





#47

2-Nitroaniline

Concen: 3.53 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

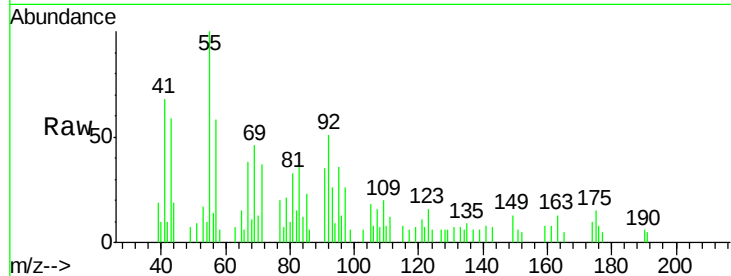
Tot Ion: 65 Resp: 305

Ion Ratio Lower Upper

65 100

92 351.0 55.8 83.6#

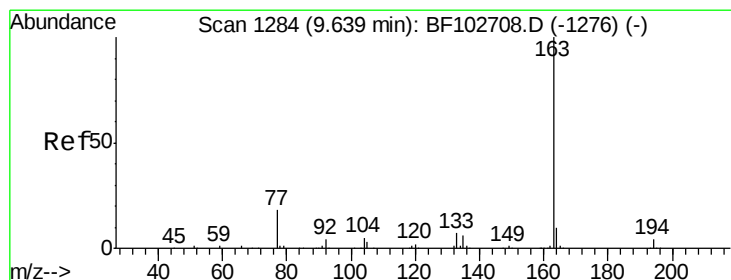
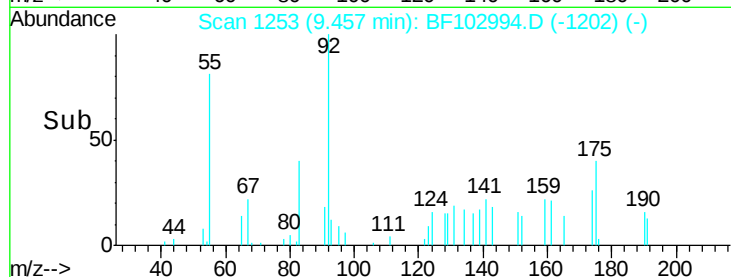
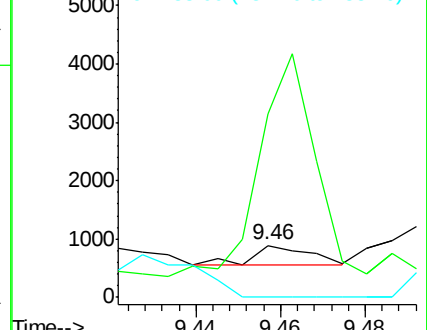
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Dimethylphthalate

Concen: 4.78 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

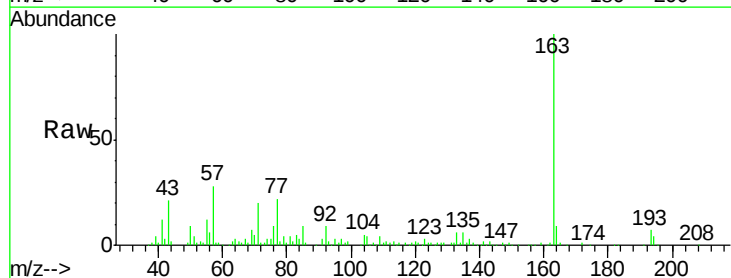
Tgt Ion: 163 Resp: 90221

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

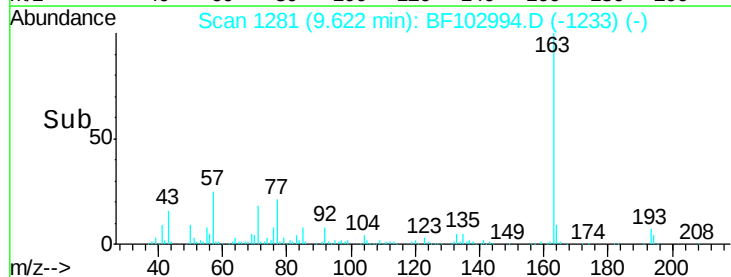
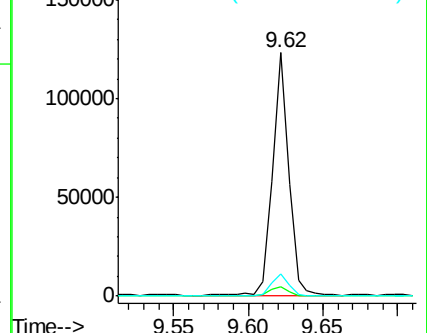
164 9.4 8.2 12.2

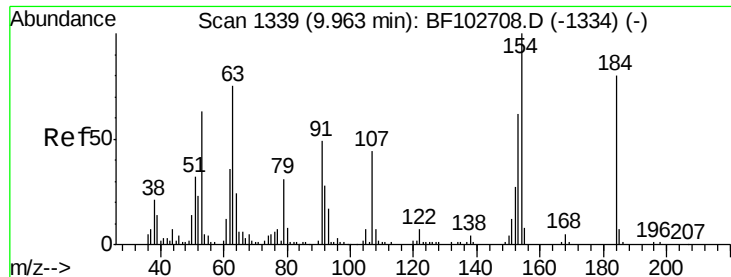


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

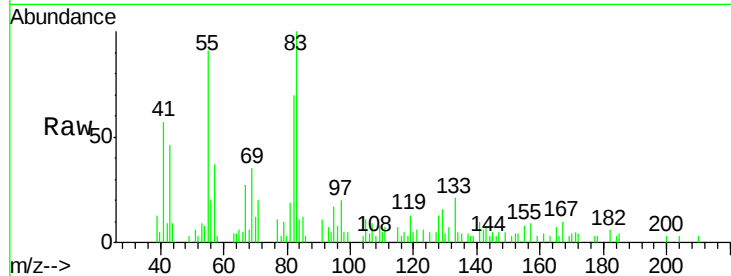




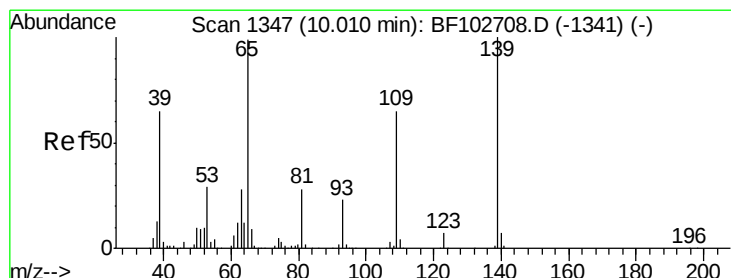
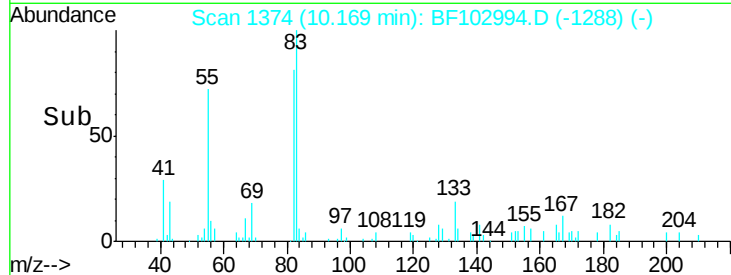
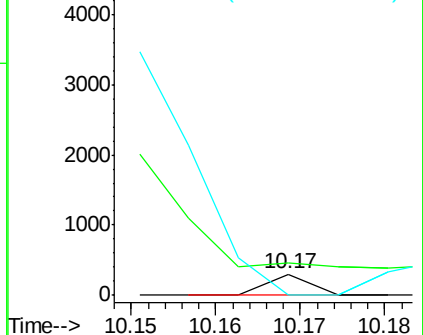
#53
2,4-Dinitrophenol
Concen: 8.09 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.21 min
Lab File: BF102994.D
Acq: 14 Feb 2018 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 107
Ion Ratio Lower Upper
184 100
63 150.3 54.2 81.2#
154 0.0 184.0 276.0#

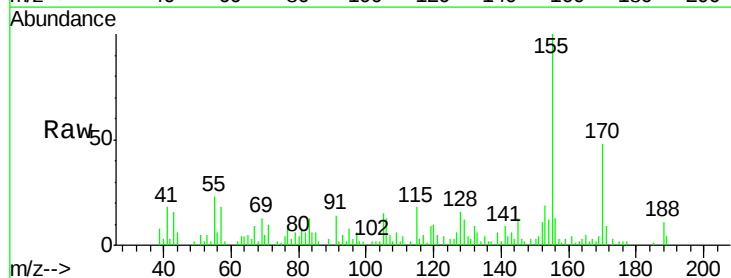


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

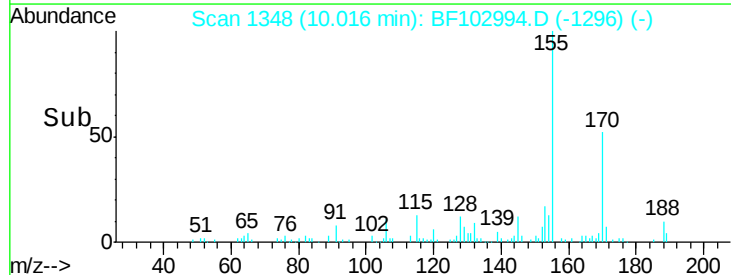
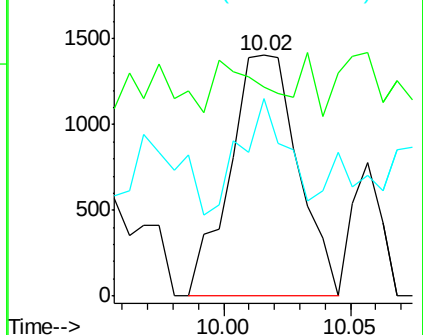


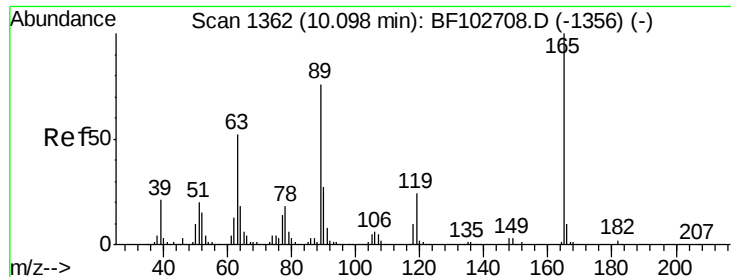
#55
4-Nitrophenol
Concen: 4.71 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF102994.D
Acq: 14 Feb 2018 17:24

Tgt Ion:139 Resp: 2637
Ion Ratio Lower Upper
139 100
109 86.9 48.4 88.4
65 81.9 72.6 112.6



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

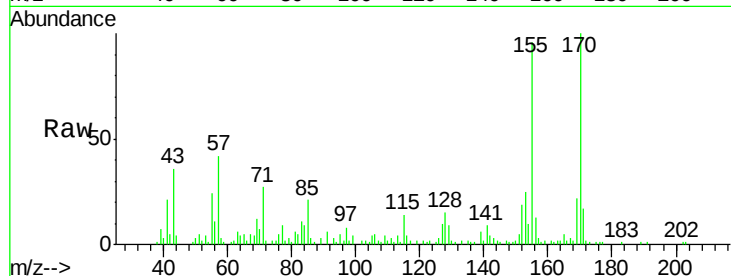




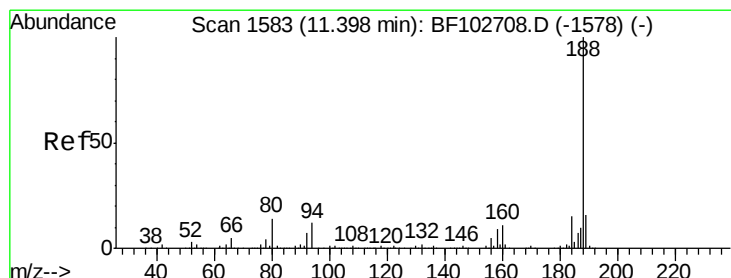
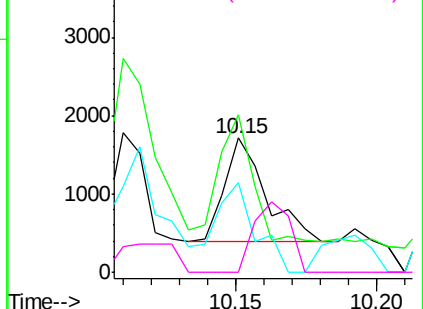
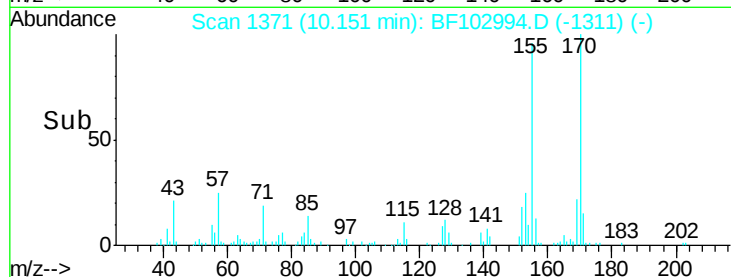
#56
2,4-Dinitrotoluene
Concen: 3.34 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.05 min
Lab File: BF102994.D
Acq: 14 Feb 2018 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 1338
Ion Ratio Lower Upper
165 100
63 117.7 36.4 54.6#
89 66.6 57.8 86.6
182 0.0 1.6 2.4#

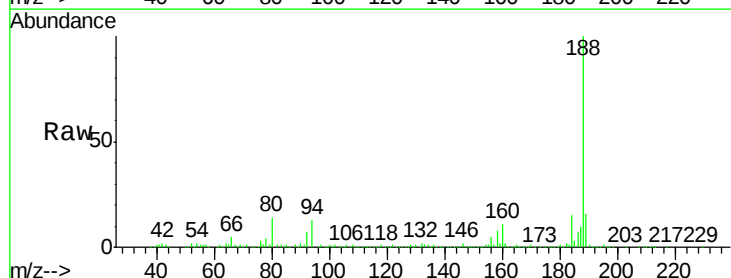


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

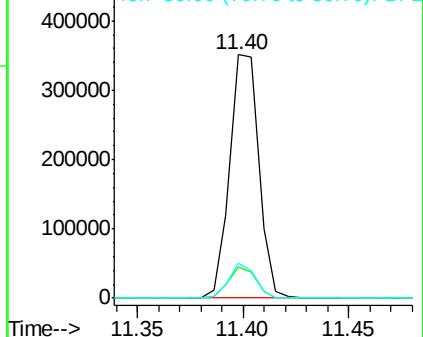
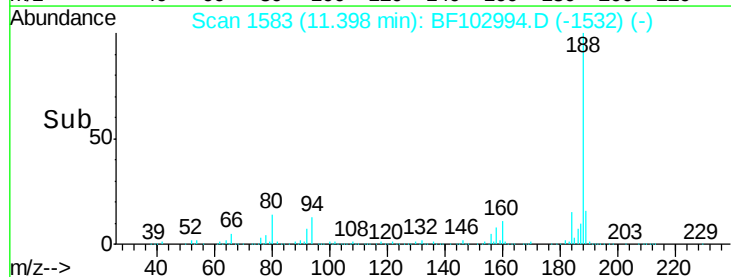


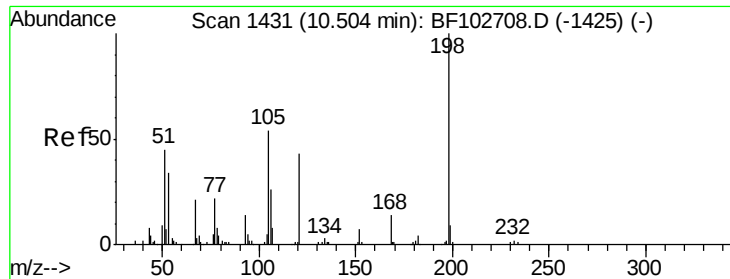
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102994.D
Acq: 14 Feb 2018 17:24

Tgt Ion:188 Resp: 334182
Ion Ratio Lower Upper
188 100
94 12.9 8.5 12.7#
80 14.1 9.2 13.8#



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

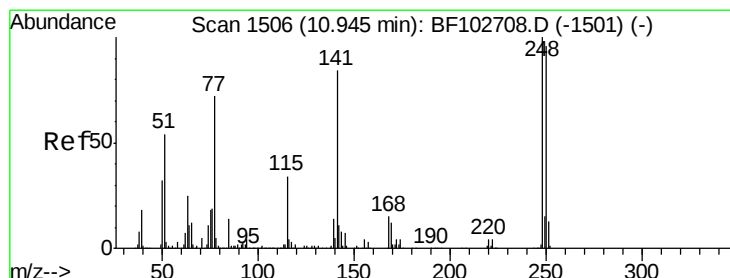
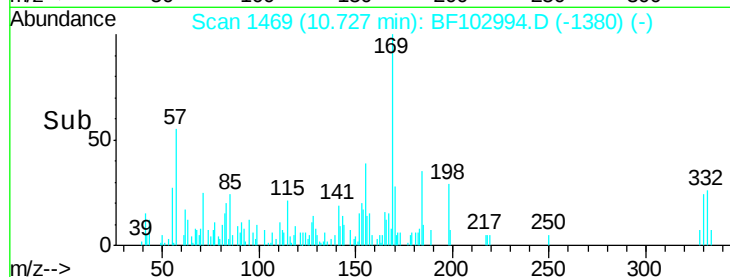
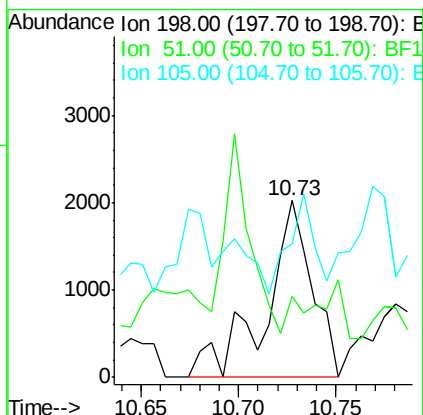
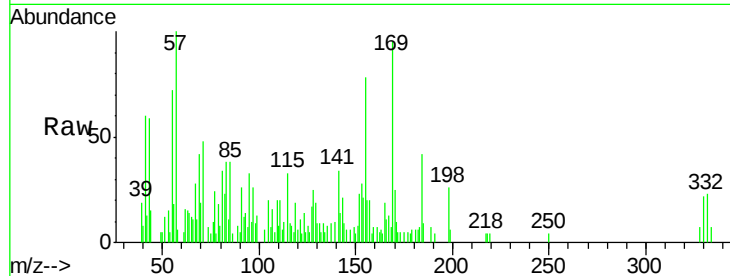




#64
 4,6-Dinitro-2-methylphenol
 Concen: 11.01 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.22 min
 Lab File: BF102994.D
 Acq: 14 Feb 2018 17:24

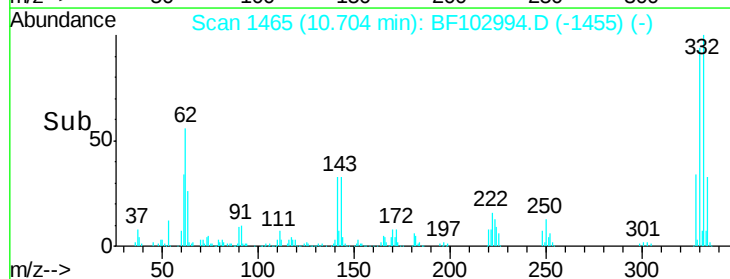
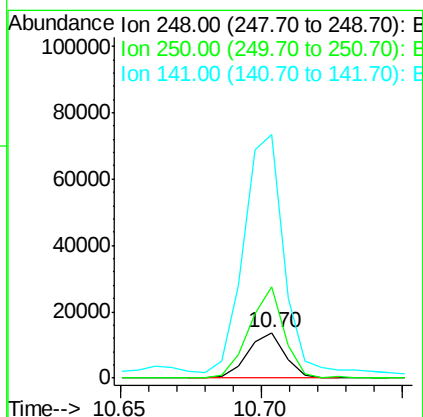
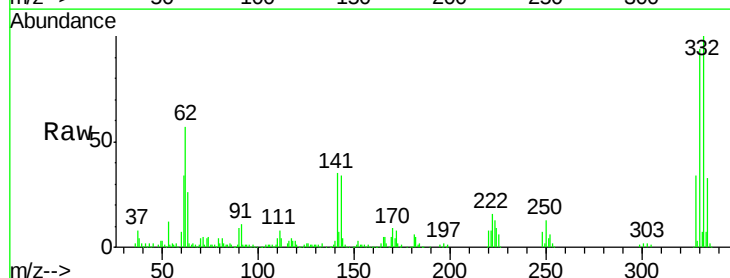
Instrument :
 BNA_F
 ClientSampleId :

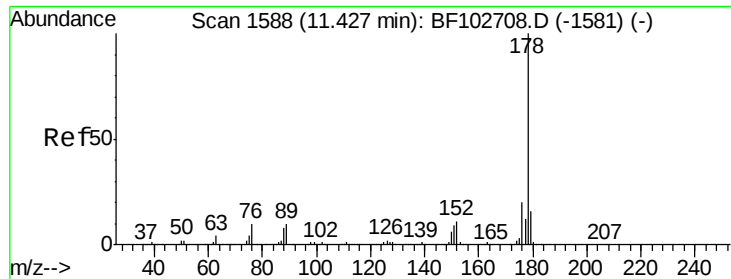
Tot Ion:198 Resp: 3350
 Ion Ratio Lower Upper
 198 100
 51 45.9 37.7 77.7
 105 75.2 36.3 76.3



#66
 4-Bromophenyl-phenylether
 Concen: 3.48 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.24 min
 Lab File: BF102994.D
 Acq: 14 Feb 2018 17:24

Tgt Ion:248 Resp: 12309
 Ion Ratio Lower Upper
 248 100
 250 199.4 76.9 115.3#
 141 532.5 74.4 111.6#





#70

Phenanthrene

Concen: 8.80 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

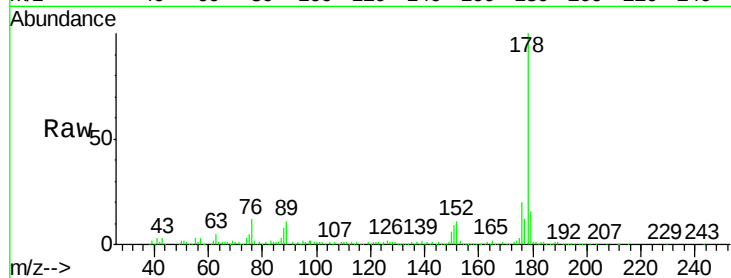
Tot Ion:178 Resp: 163811

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

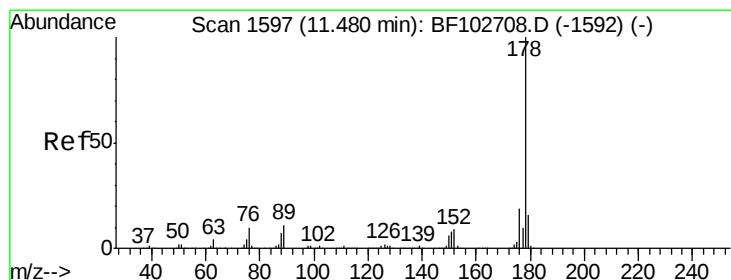
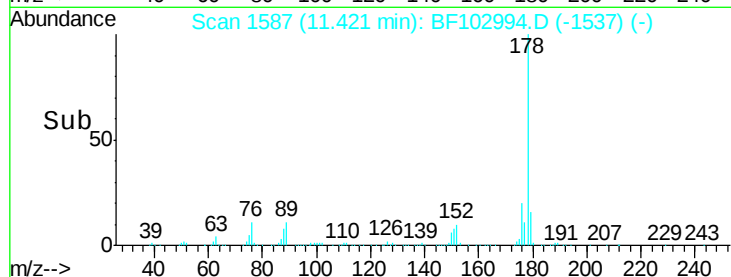
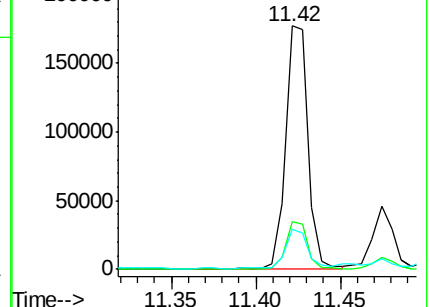
179 16.2 13.0 19.6



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



#71

Anthracene

Concen: 2.09 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

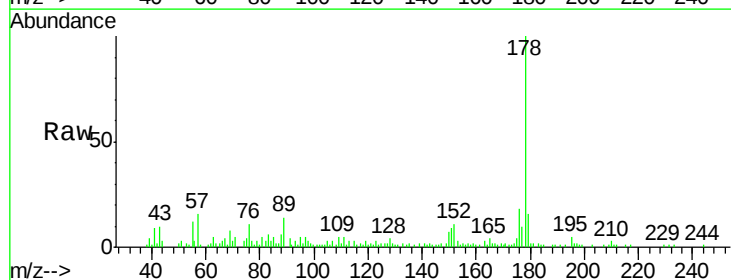
Tgt Ion:178 Resp: 39502

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

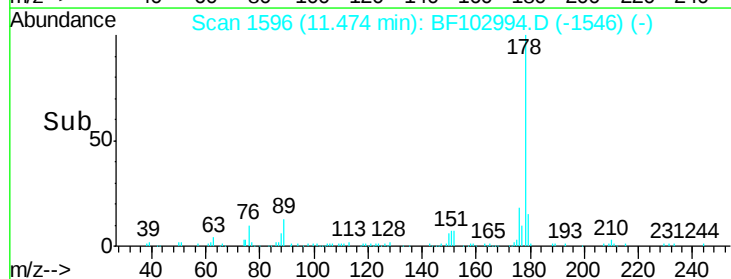
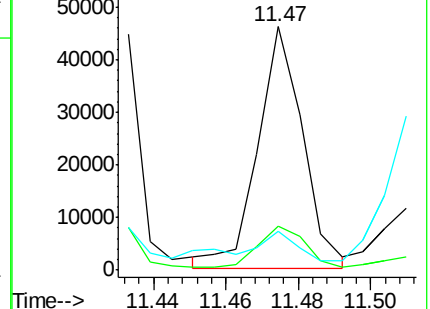
179 15.8 12.6 19.0

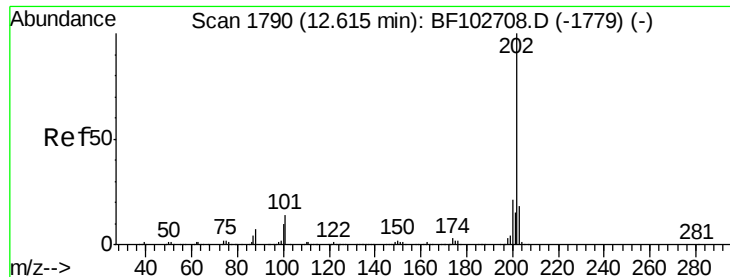


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 11.24 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

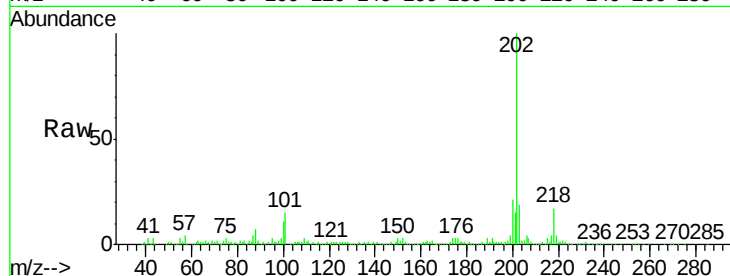
Tot Ion:202 Resp: 210432

Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.1

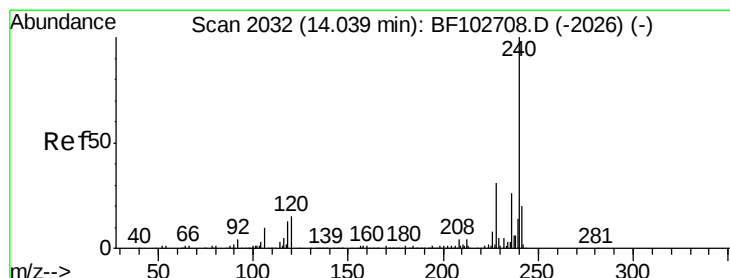
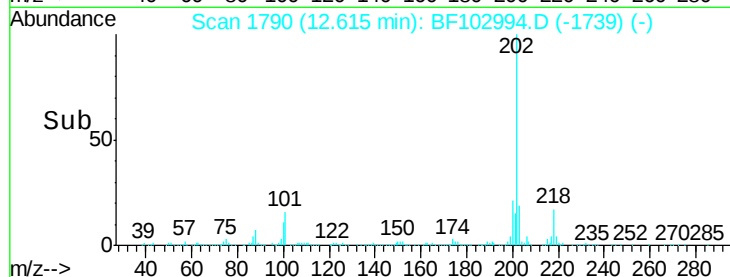
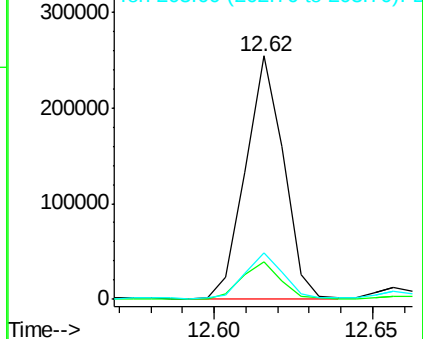
203 19.1 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

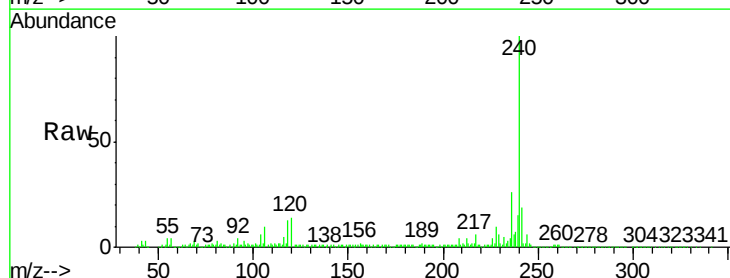
Tgt Ion:240 Resp: 305302

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

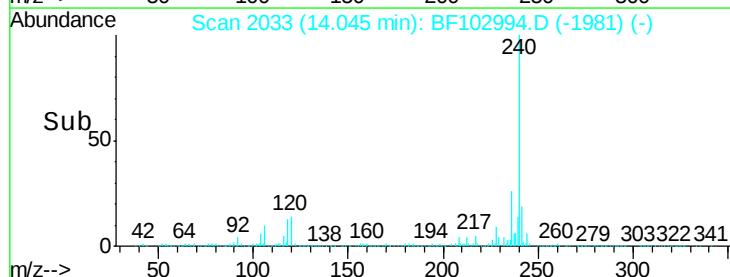
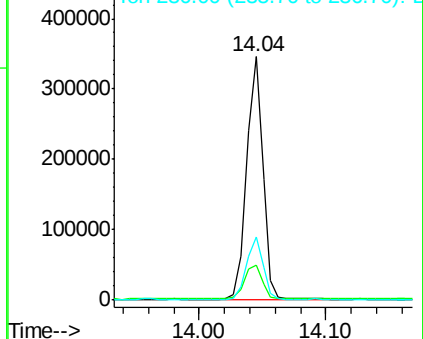
236 26.0 20.7 31.1

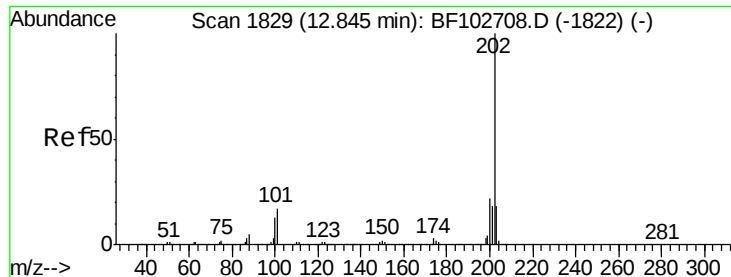


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 8.33 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

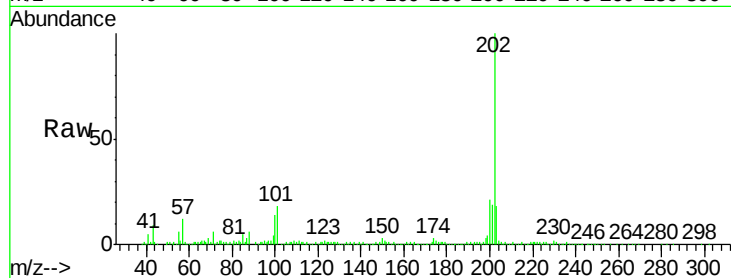
Tot Ion:202 Resp: 199347

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

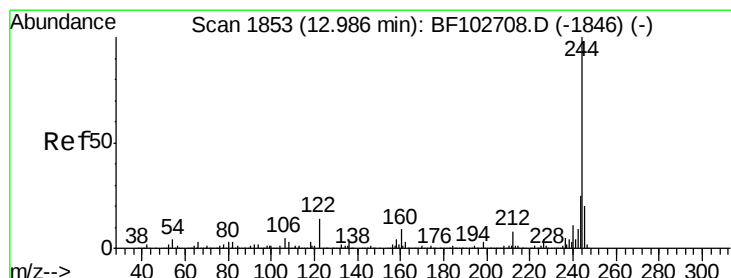
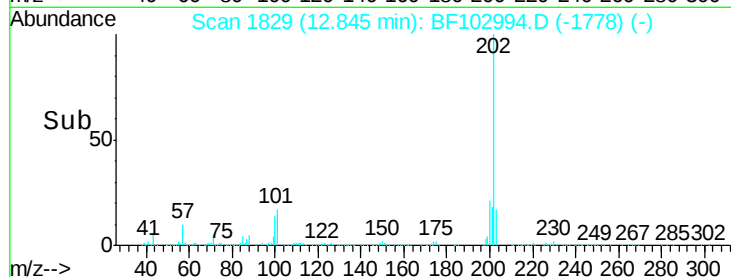
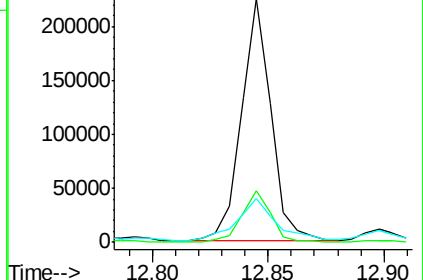
203 18.3 14.3 21.5



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



#78

Terphenyl-d14

Concen: 51.88 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

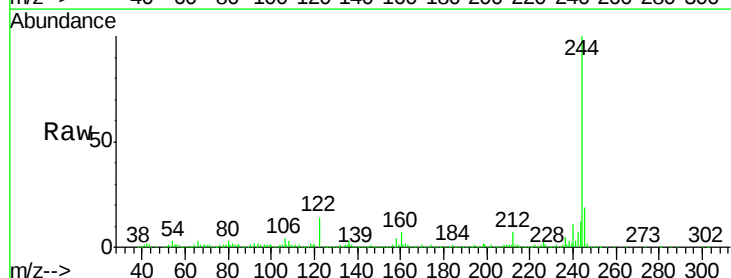
Tgt Ion:244 Resp: 668915

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

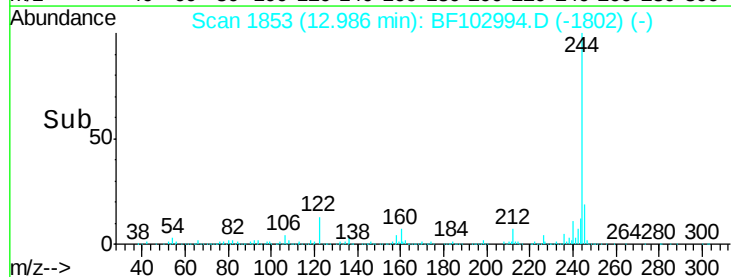
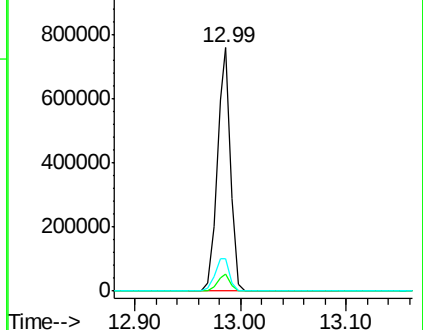
122 13.6 11.0 16.4

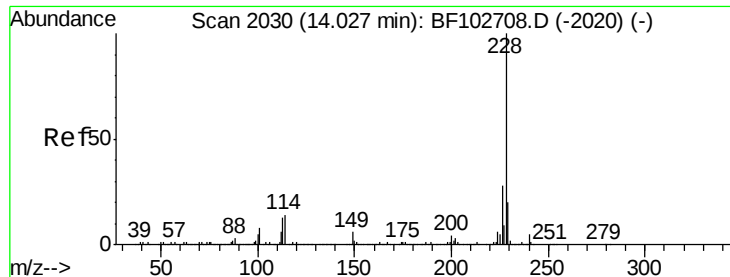


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

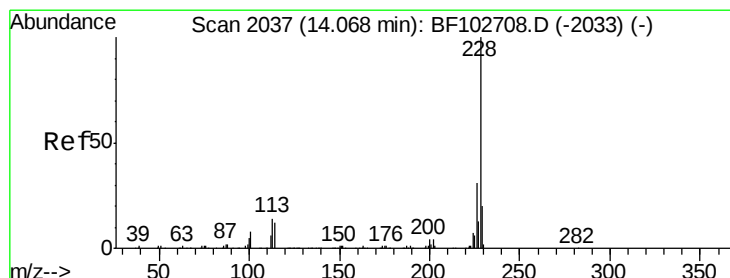
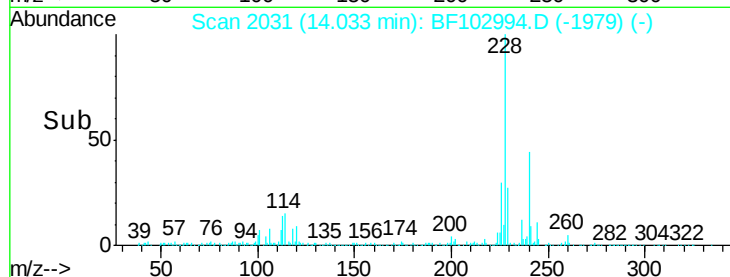
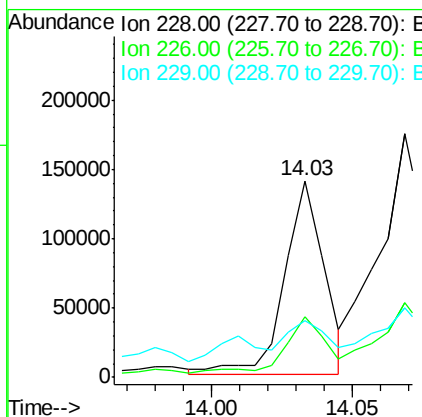
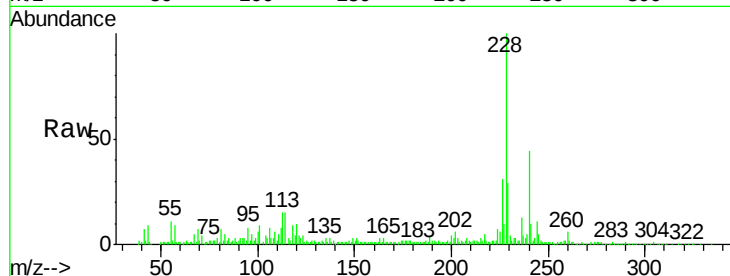




#80
Benzo(a)anthracene
Concen: 7.21 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF102994.D
Acq: 14 Feb 2018 17:24

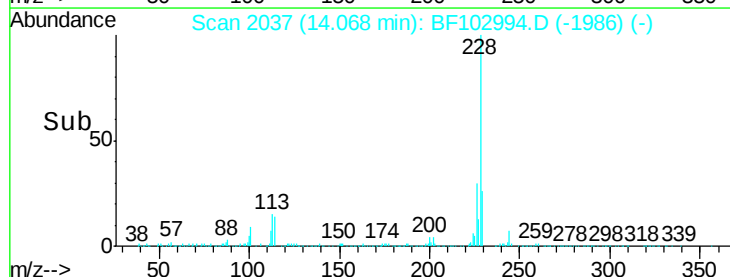
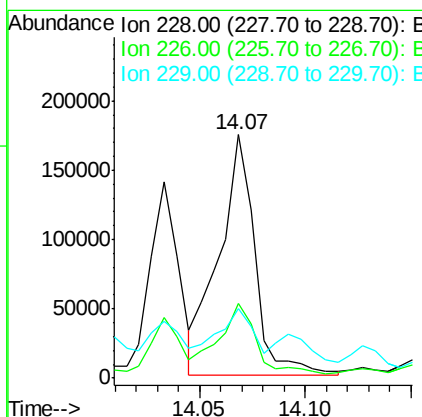
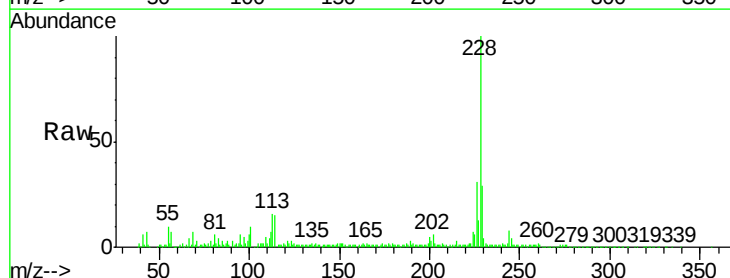
Instrument :
BNA_F
ClientSampleId :

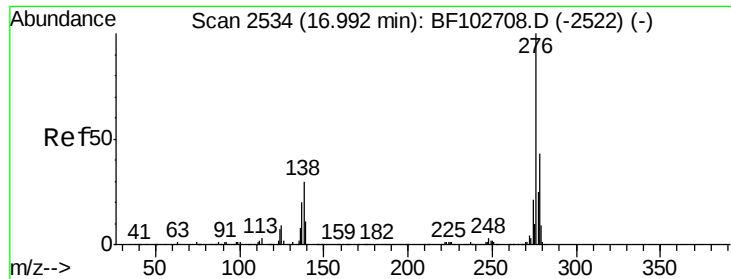
Tot Ion:228 Resp: 138516
Ion Ratio Lower Upper
228 100
226 30.8 22.6 33.8
229 29.0 15.8 23.6#



#82
Chrysene
Concen: 10.61 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF102994.D
Acq: 14 Feb 2018 17:24

Tgt Ion:228 Resp: 205425
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.6
229 28.7 16.2 24.4#

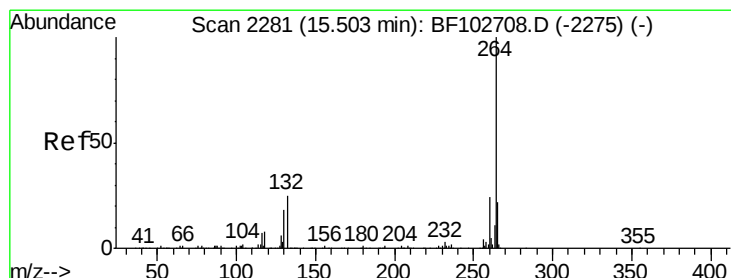
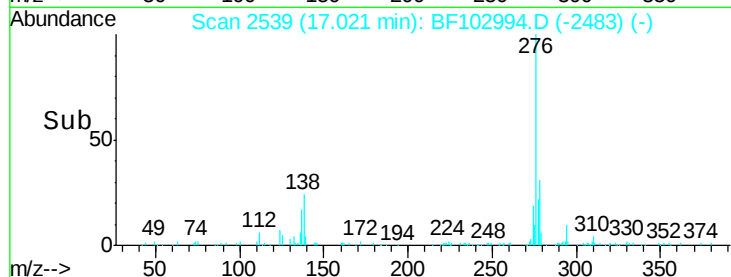
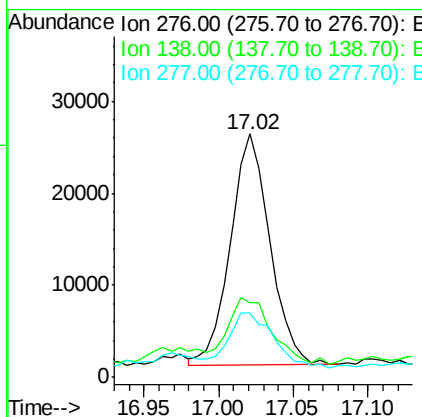
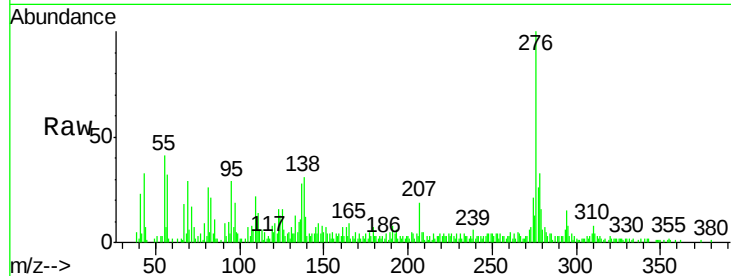




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.87 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. 0.03 min
 Lab File: BF102994.D
 Acq: 14 Feb 2018 17:24

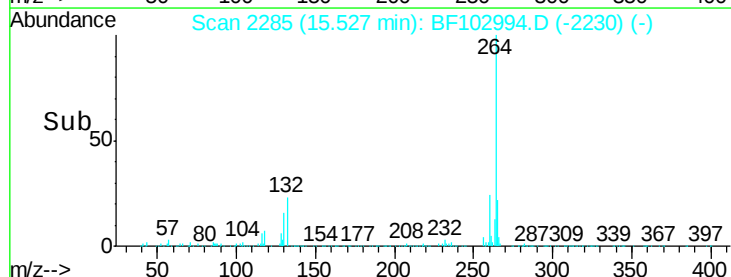
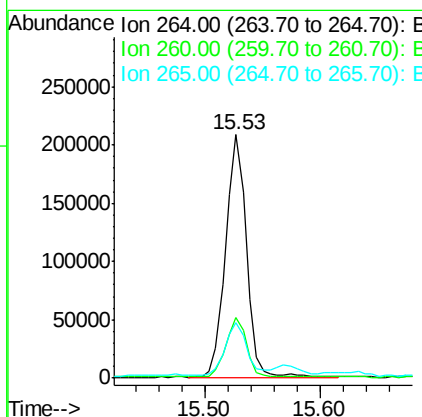
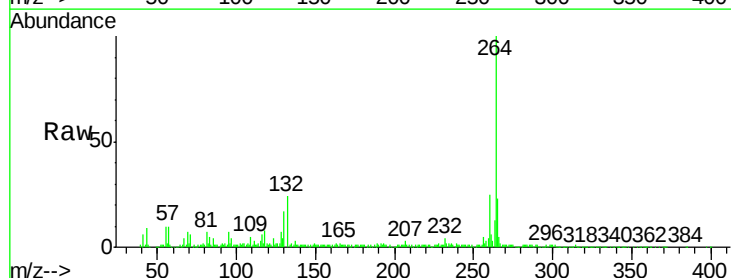
Instrument :
 BNA_F
 ClientSampleId :

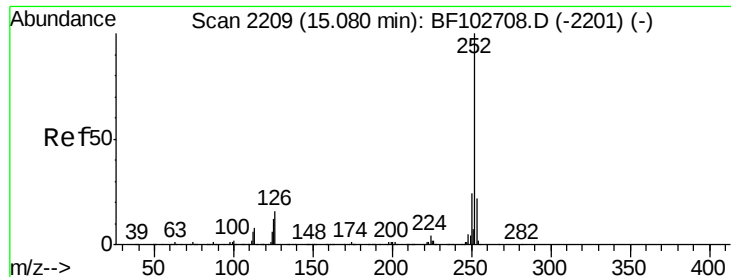
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	27.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.02 min
 Lab File: BF102994.D
 Acq: 14 Feb 2018 17:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	23.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 11.30 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

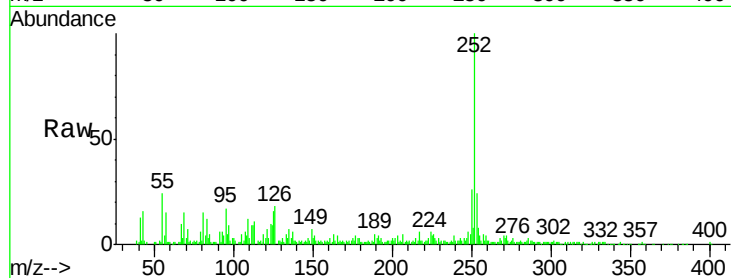
Tot Ion:252 Resp: 189975

Ion Ratio Lower Upper

252 100

253 24.0 17.0 25.6

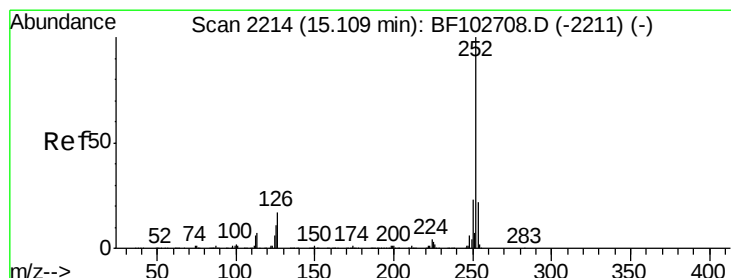
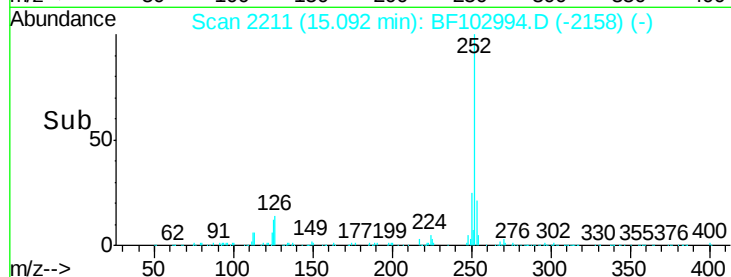
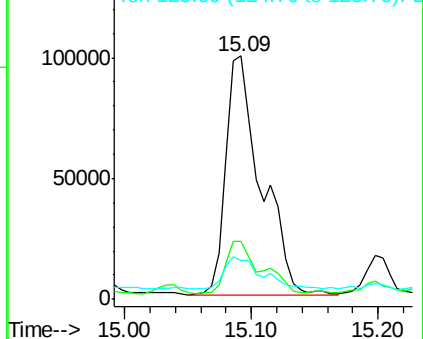
125 16.2 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 11.83 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.02 min

Lab File: BF102994.D

Acq: 14 Feb 2018 17:24

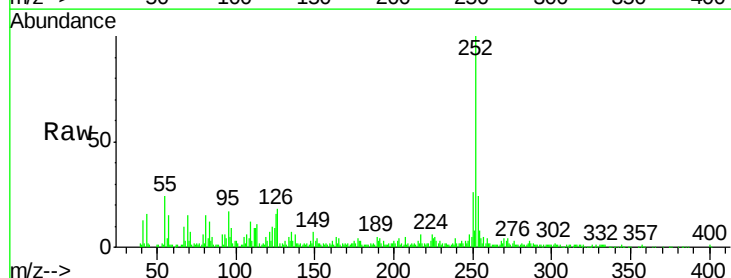
Tgt Ion:252 Resp: 189975

Ion Ratio Lower Upper

252 100

253 24.0 17.9 26.9

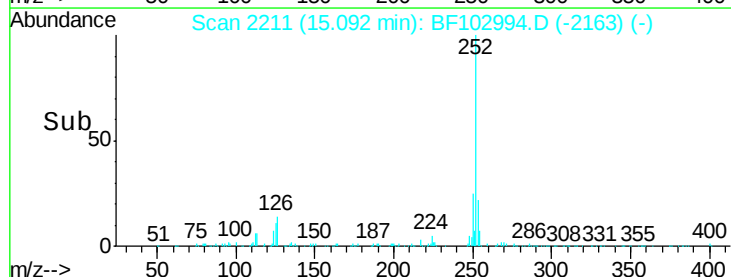
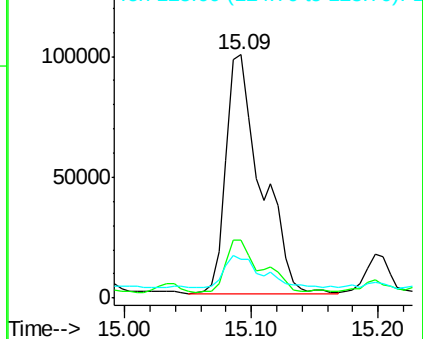
125 16.2 10.2 15.2#

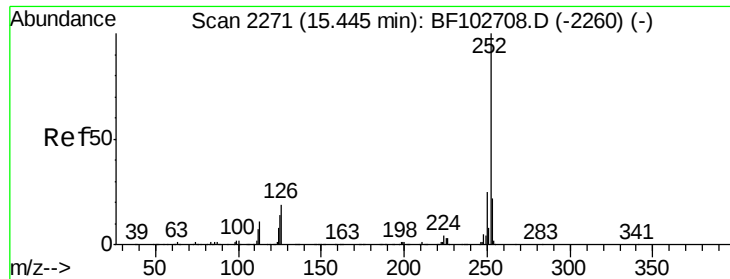


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

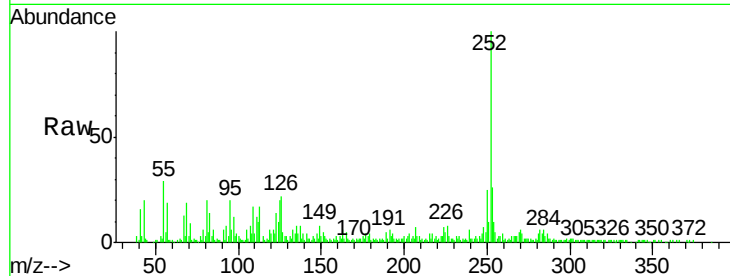




#89
Benzo(a)pyrene
Concen: 5.58 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF102994.D
Acq: 14 Feb 2018 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.1	25.7
125	20.1	9.8	14.6

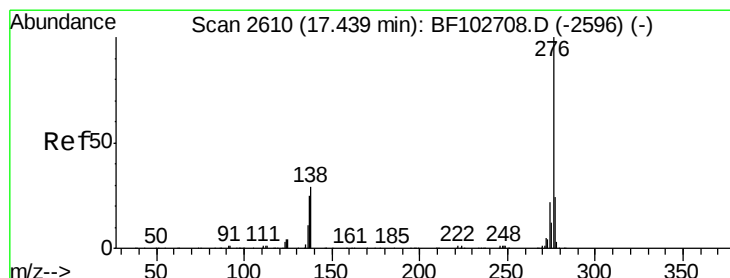
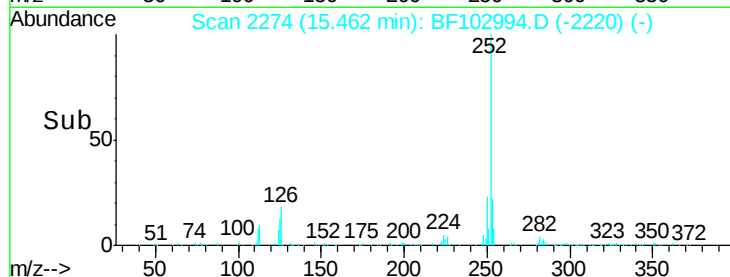
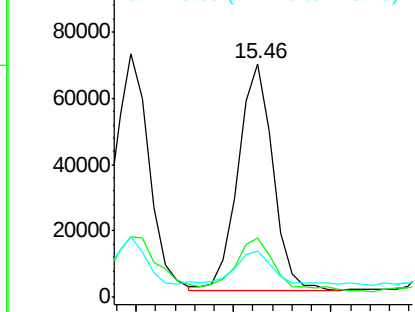


Abundance

Ion 252.00 (251.70 to 252.70): E

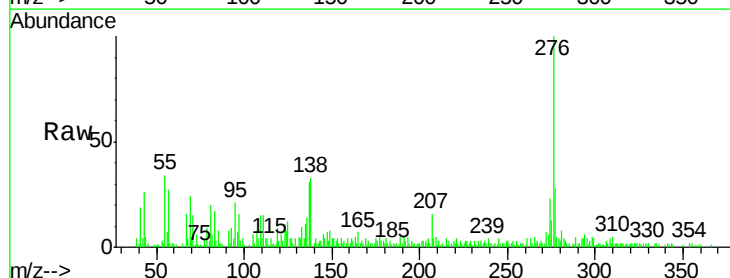
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 4.81 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.04 min
Lab File: BF102994.D
Acq: 14 Feb 2018 17:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.9	17.9	26.9
138	32.8	21.8	32.8



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

