

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088432.D
 Acq On : 26 Jun 2016 21:51
 Operator : UM/SJ
 Sample : H3663-04 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 03:58:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	86625	20.00	ng	-0.06
21) Naphthalene-d8	7.84	136	339194	20.00	ng	-0.06
38) Acenaphthene-d10	9.58	164	151225	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	242130	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	165645	20.00	ng	-0.07
86) Perylene-d12	15.03	264	165775	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	247719	48.89	ng	-0.05
7) Phenol-d6	6.22	99	325829	53.06	ng	-0.05
23) Nitrobenzene-d5	7.12	82	201408	34.67	ng	-0.06
41) 2,4,6-Tribromophenol	10.36	330	65119	40.78	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	399055	38.42	ng	-0.06
78) Terphenyl-d14	12.63	244	235843	32.40	ng	-0.07

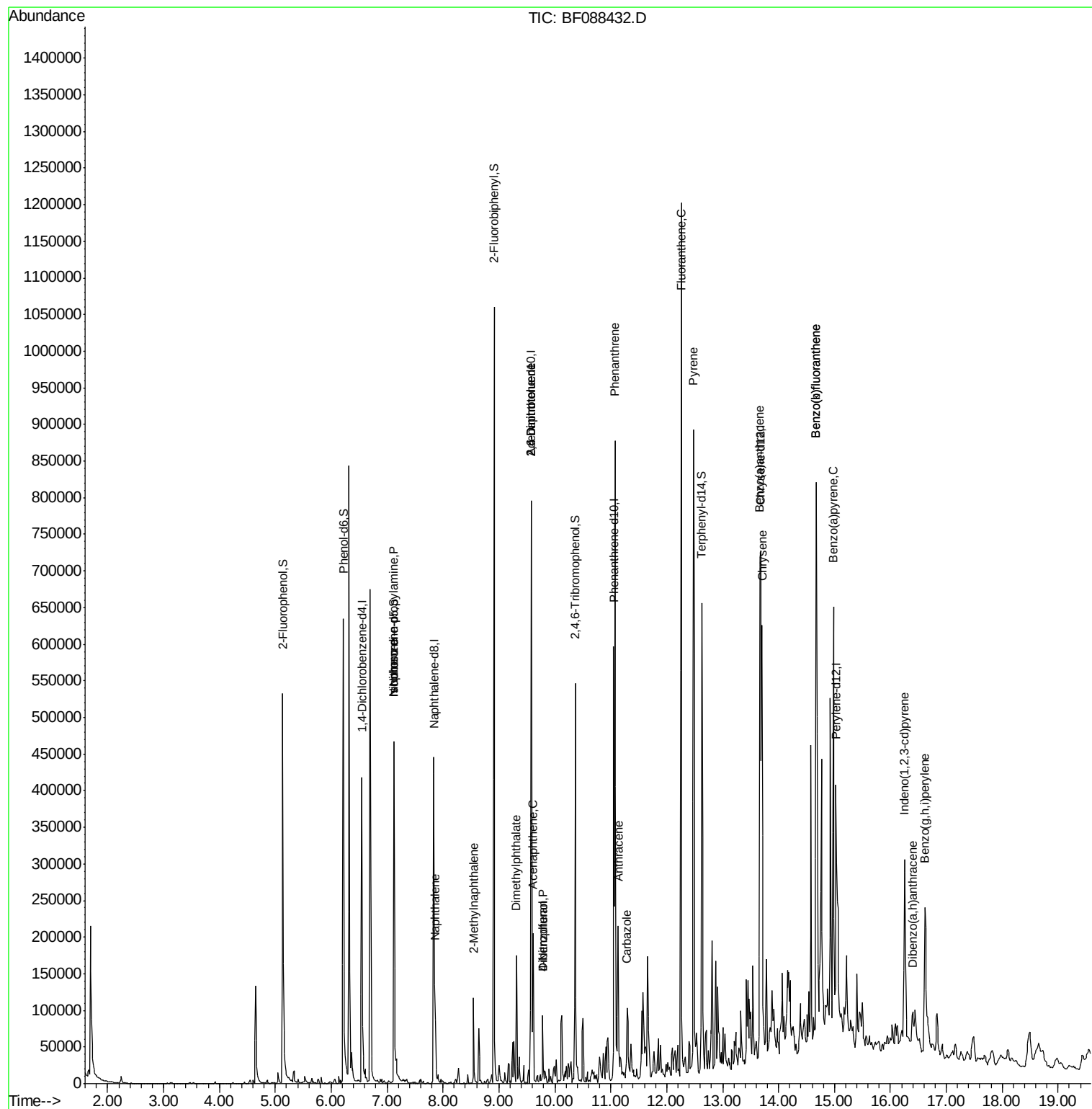
Target Compounds				Qvalue		
10) Phenol	6.23	94	693	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	25336	6.45	ng	71
25) Isophorone	7.12	82	192986	17.94	ng	65
31) Naphthalene	7.85	128	71982	4.29	ng	99
37) 2-Methylnaphthalene	8.55	142	35912	3.25	ng	98
45) 1,1'-Biphenyl	9.02	154	4467	Below Cal		96
49) Dimethylphthalate	9.31	163	65045	5.94	ng	100
50) 2,6-Dinitrotoluene	9.58	165	20065	8.00	ng	# 40
51) Acenaphthene	9.61	154	49547	5.10	ng	97
54) Dibenzofuran	9.78	168	33934	2.54	ng	# 90
55) 4-Nitrophenol	9.78	139	13324	5.93	ng	# 5
56) 2,4-Dinitrotoluene	9.58	165	20065	6.22	ng	# 38
57) Fluorene	10.12	166	33224	Below Cal		99
70) Phenanthrene	11.07	178	387942	30.53	ng	99
71) Anthracene	11.13	178	110220	8.60	ng	98
72) Carbazole	11.29	167	70583	5.89	ng	99
74) Fluoranthene	12.26	202	561044	41.84	ng	96
77) Pyrene	12.48	202	474341	38.59	ng	97
80) Benzo(a)anthracene	13.67	228	301847	31.98	ng	99
82) Chrysene	13.70	228	224958	25.33	ng	97
85) Indeno(1,2,3-cd)pyrene	16.25	276	170257	20.64	ng	# 100
87) Benzo(b)fluoranthene	14.67	252	528395	45.73	ng	# 95
88) Benzo(k)fluoranthene	14.67	252	528395	60.62	ng	99
89) Benzo(a)pyrene	14.98	252	285293	30.52	ng	96
90) Dibenzo(a,h)anthracene	16.40	278	32143	3.70	ng	96
91) Benzo(g,h,i)perylene	16.62	276	159448	17.85	ng	98

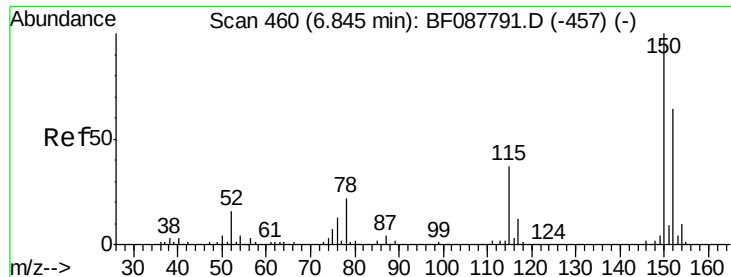
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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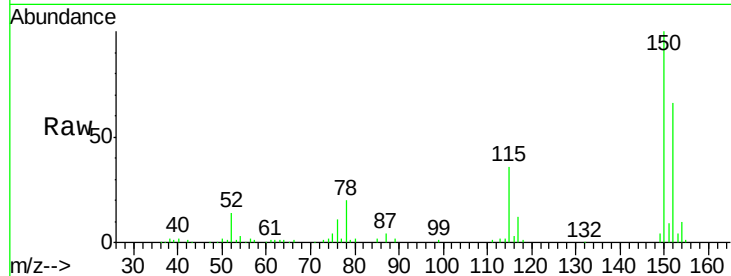


#1

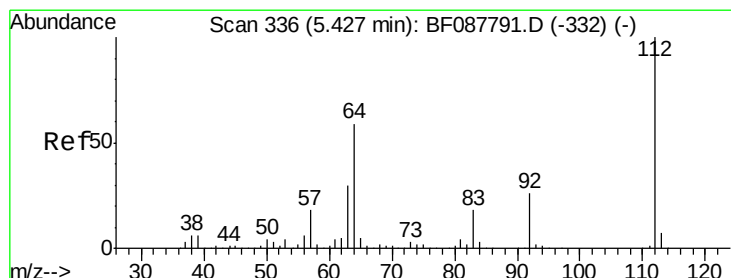
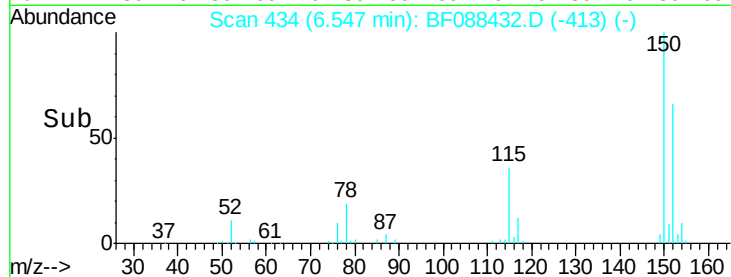
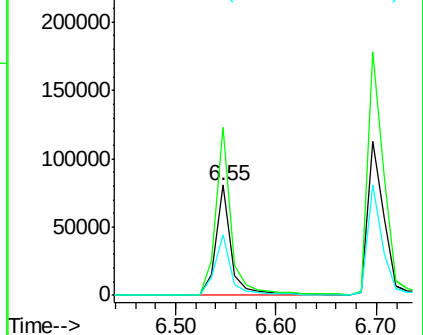
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 86625
Ion Ratio Lower Upper
152 100
150 152.6 123.8 185.6
115 55.4 39.6 59.4



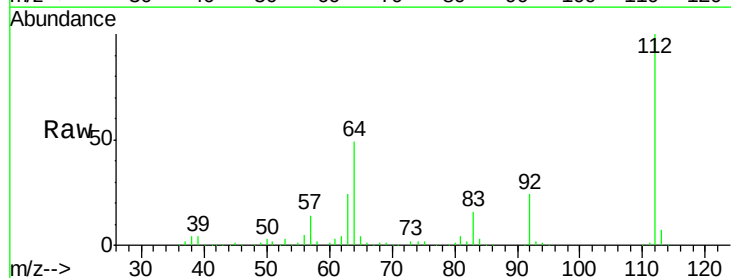
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



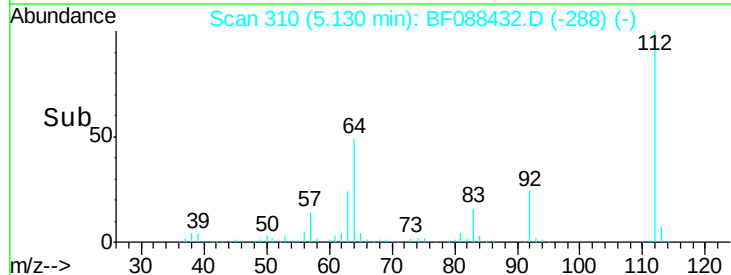
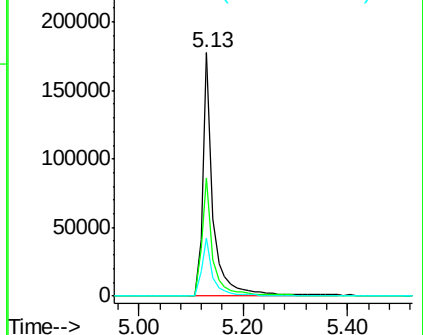
#5

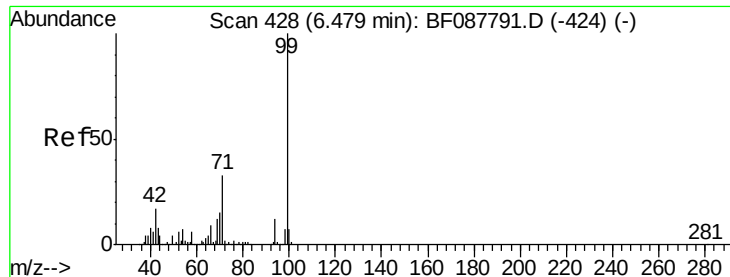
2-Fluorophenol
Concen: 48.89 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.05 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

Tgt Ion:112 Resp: 247719
Ion Ratio Lower Upper
112 100
64 48.6 42.2 63.2
63 24.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 53.06 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Instrument :

BNA_G

ClientSampleId :

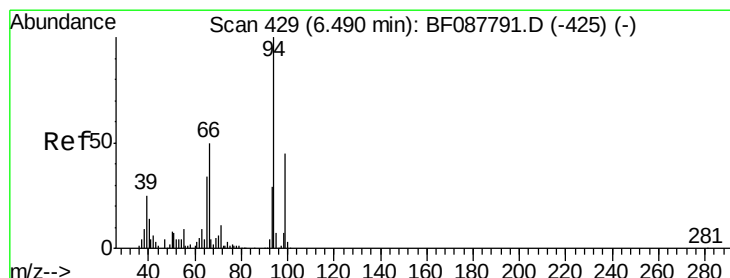
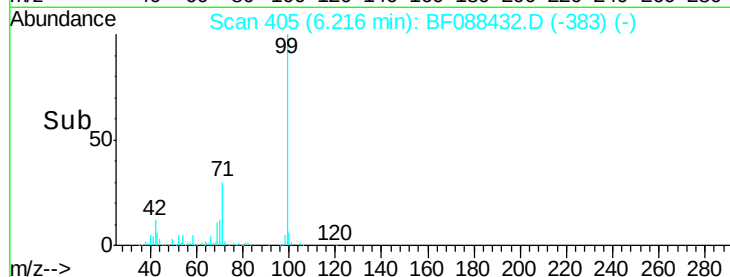
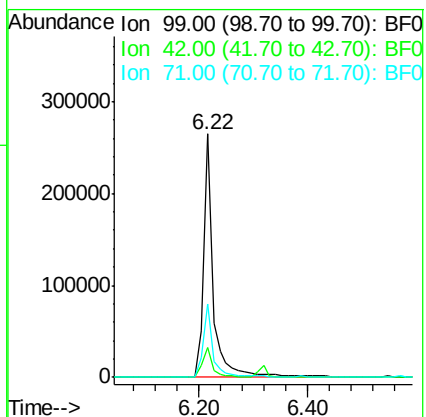
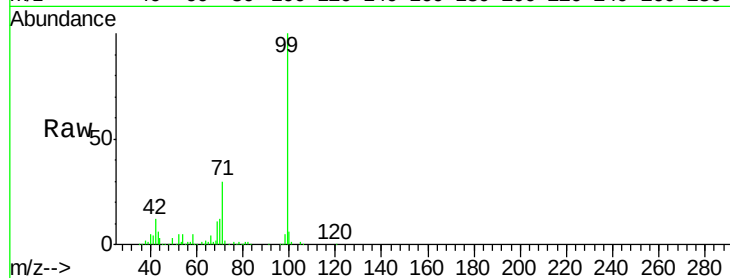
Tot Ion: 99 Resp: 325829

Ion Ratio Lower Upper

99 100

42 12.1 12.2 18.2#

71 30.1 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

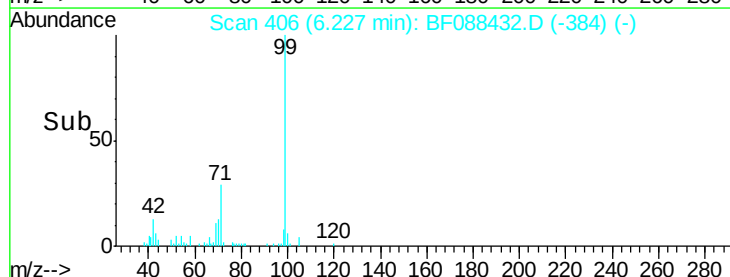
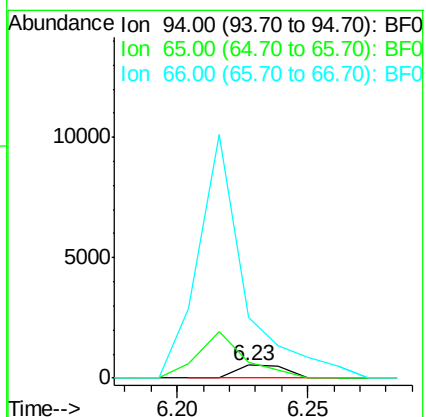
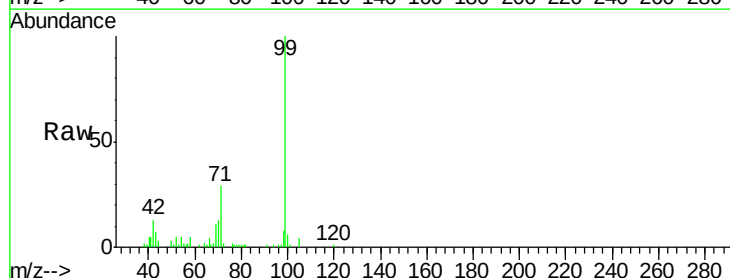
Tgt Ion: 94 Resp: 693

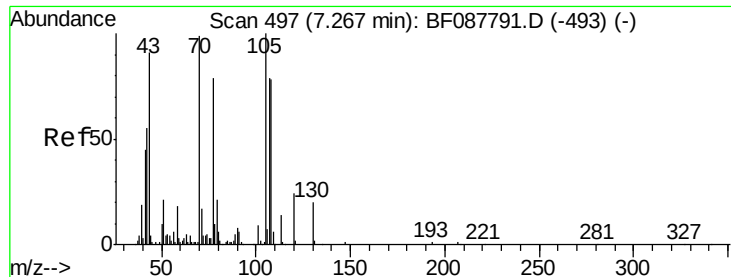
Ion Ratio Lower Upper

94 100

65 117.3 5.9 45.9#

66 467.0 14.0 54.0#





#19

n-Nitroso-di-n-propylamine

Concen: 6.45 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.08 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 25336

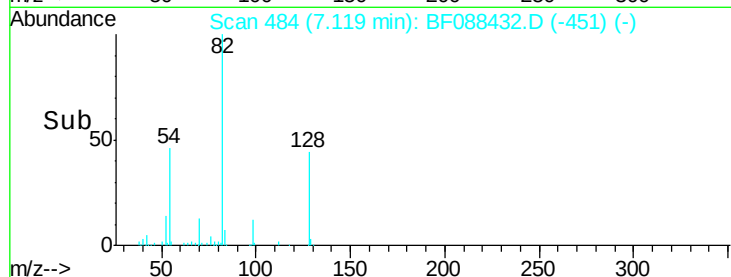
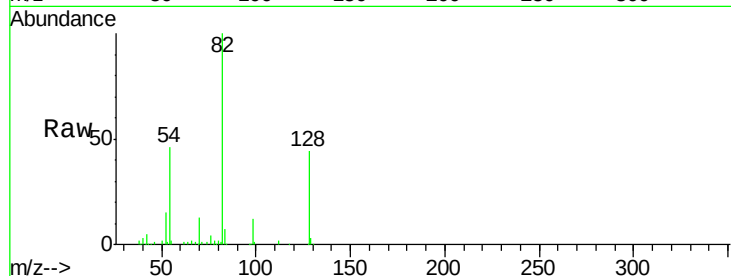
Ion Ratio Lower Upper

70 100

42 41.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#

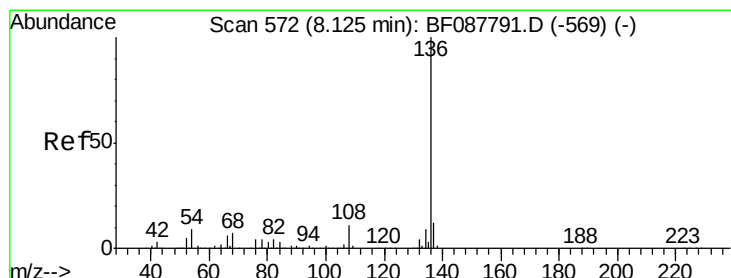
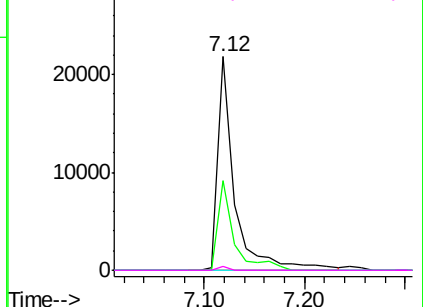


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.06 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Tgt Ion: 136 Resp: 339194

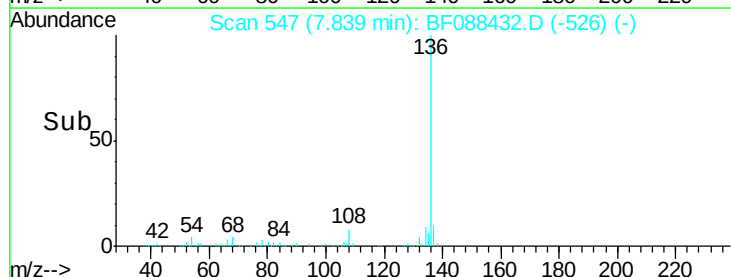
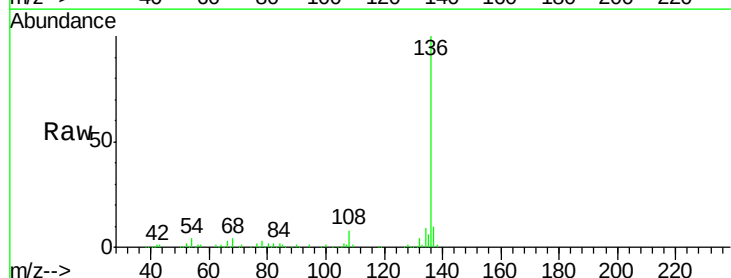
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 4.4 6.6 10.0#

68 4.0 5.1 7.7#

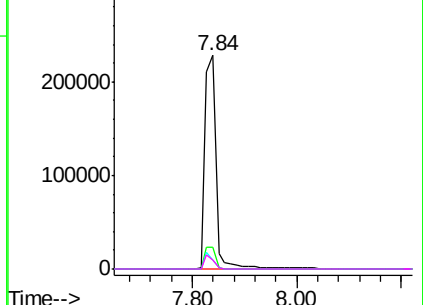


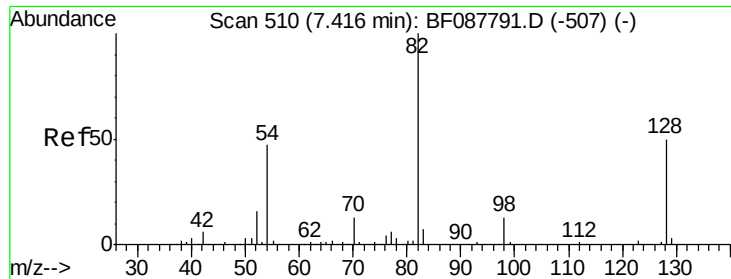
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

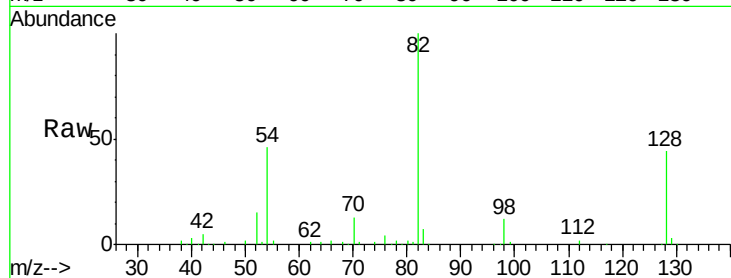




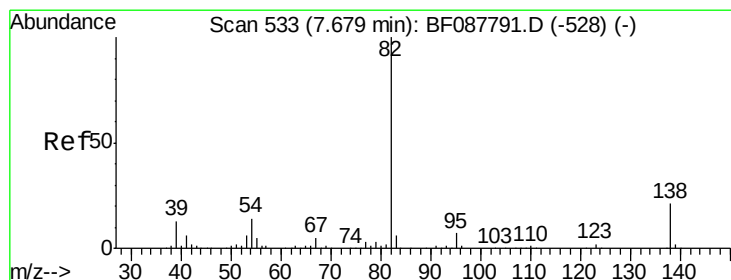
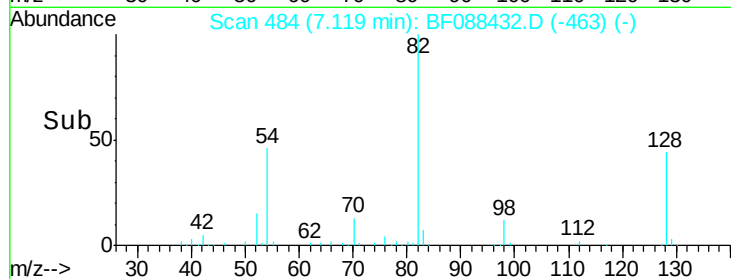
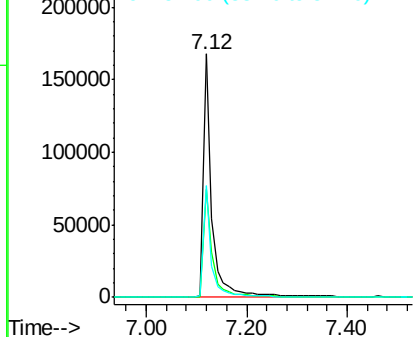
#23
Nitrobenzene-d5
Concen: 34.67 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 201408
Ion Ratio Lower Upper
82 100
128 44.2 35.9 53.9
54 45.9 40.9 61.3

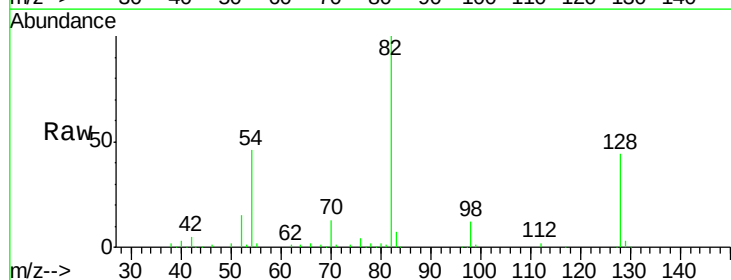


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

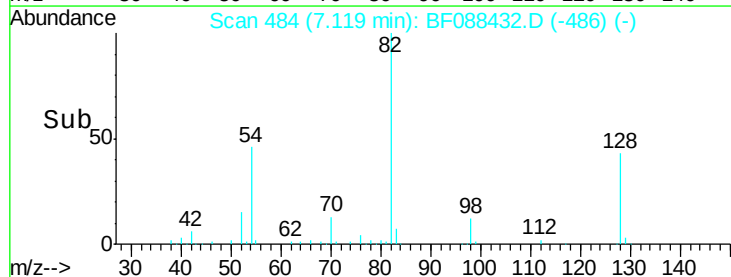
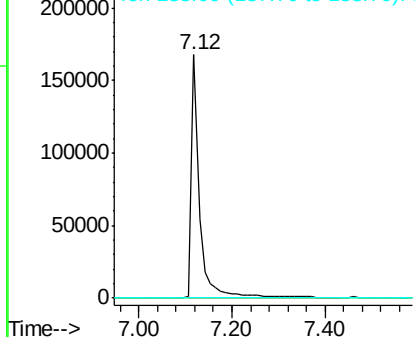


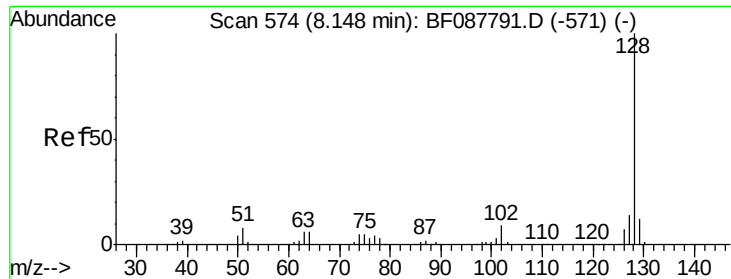
#25
Isophorone
Concen: 17.94 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.32 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

Tgt Ion: 82 Resp: 192986
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 4.29 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.07 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Instrument :

BNA_G

ClientSampleId :

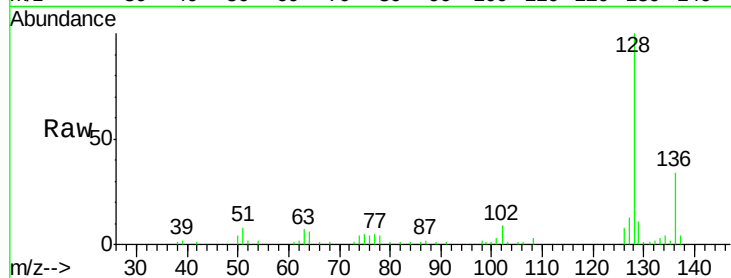
Tot Ion:128 Resp: 71982

Ion Ratio Lower Upper

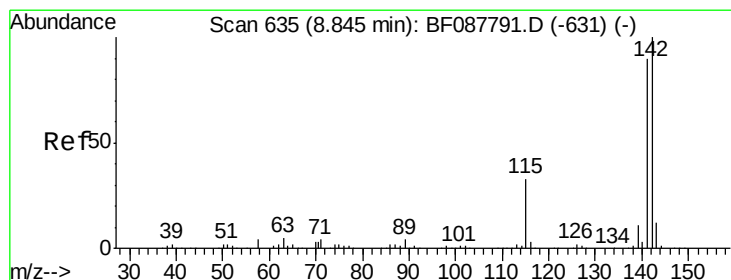
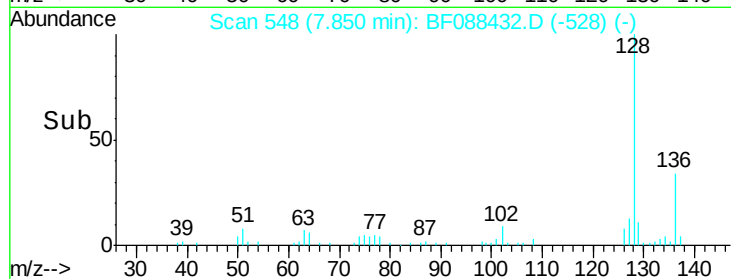
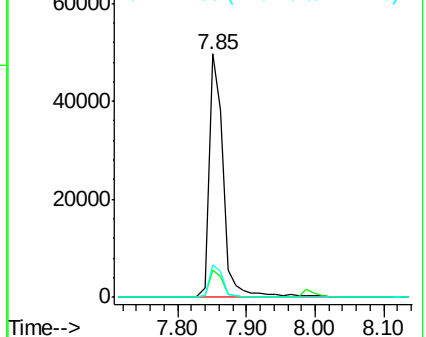
128 100

129 11.4 9.4 14.2

127 13.3 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



#37

2-Methylnaphthalene

Concen: 3.25 ng

RT: 8.55 min Scan# 609

Delta R.T. -0.06 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

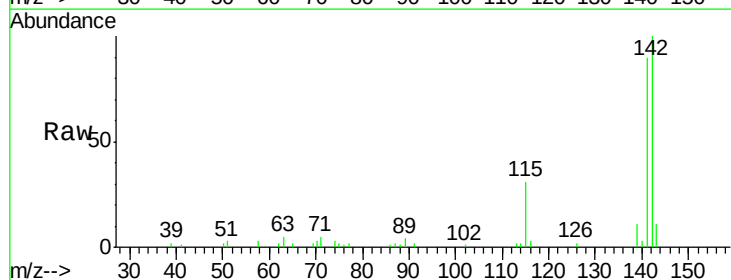
Tgt Ion:142 Resp: 35912

Ion Ratio Lower Upper

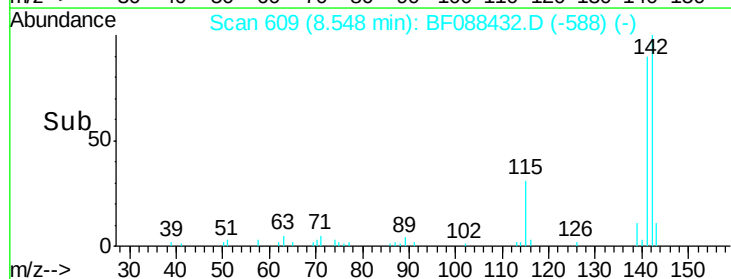
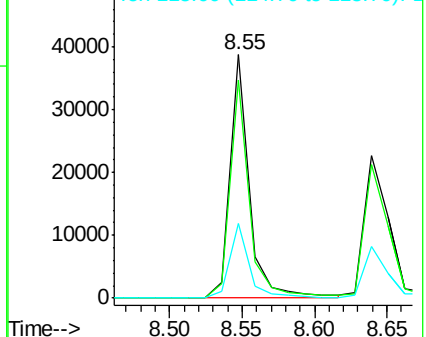
142 100

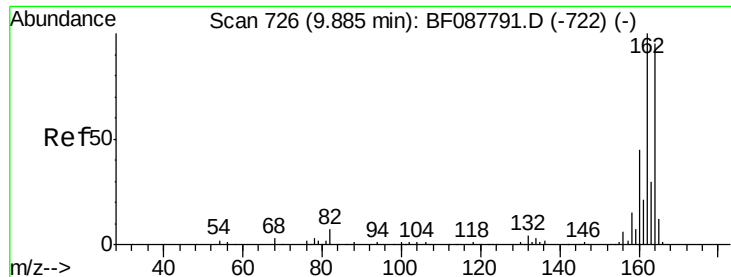
141 89.6 71.0 106.6

115 30.6 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

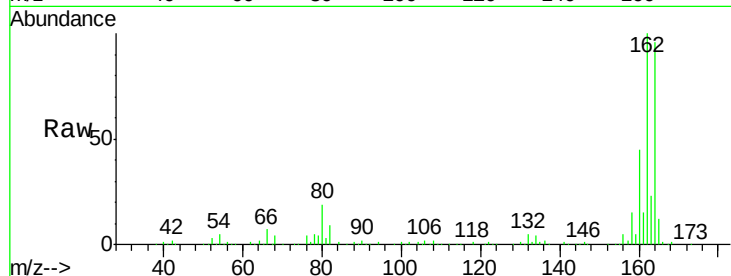




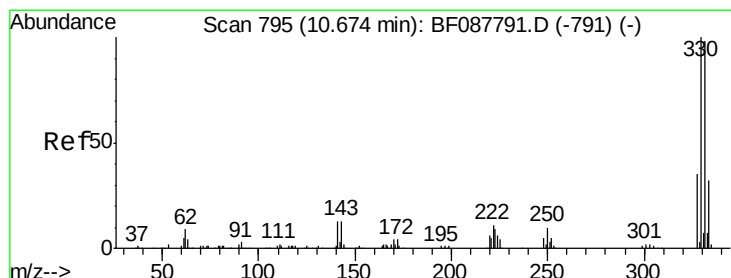
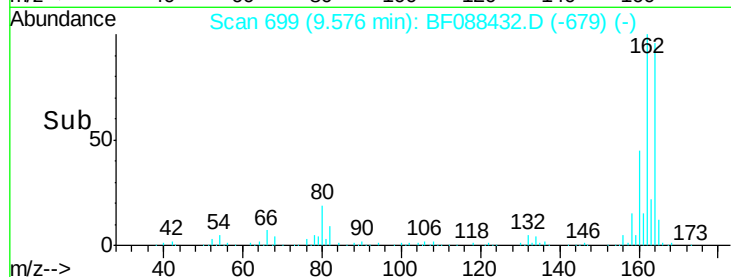
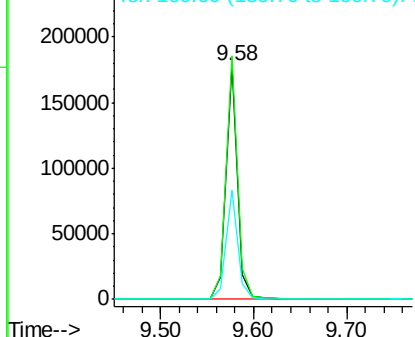
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 151225
Ion Ratio Lower Upper
164 100
162 103.9 85.4 128.2
160 46.8 39.5 59.3

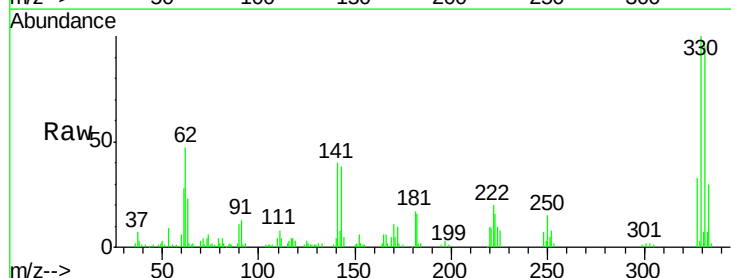


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

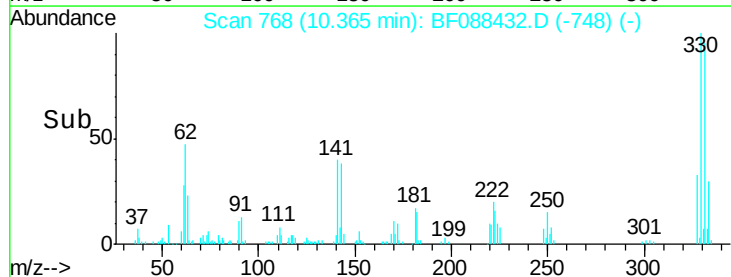
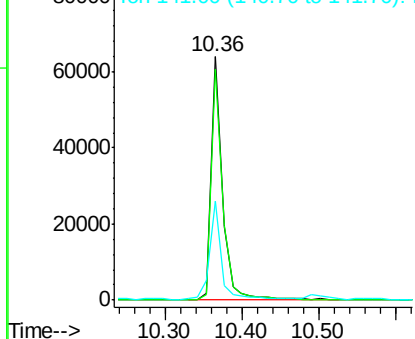


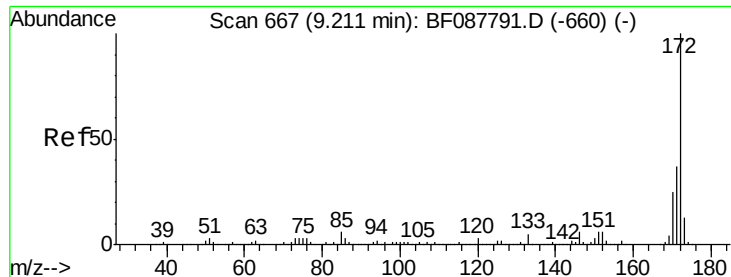
#41
2,4,6-Tribromophenol
Concen: 40.78 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.07 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

Tgt Ion:330 Resp: 65119
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 42.9 0.0 0.0#



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

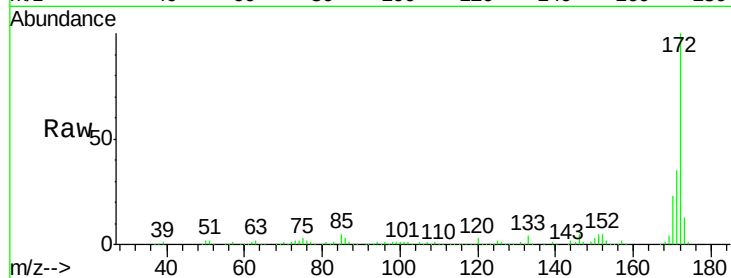




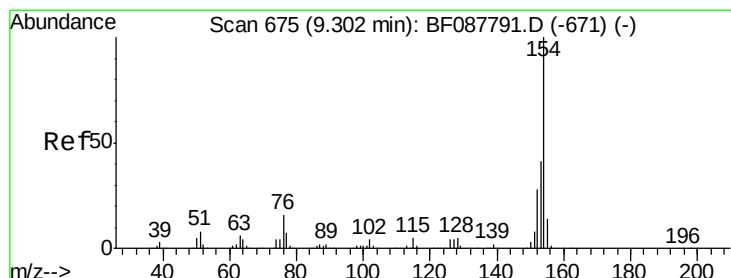
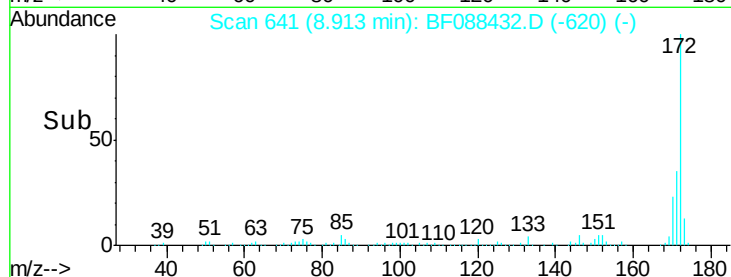
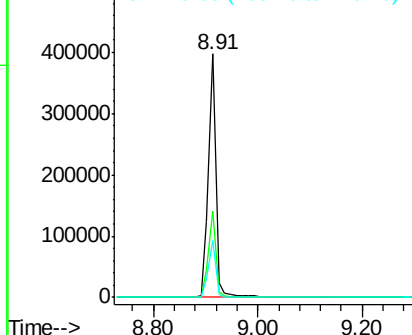
#44
2-Fluorobiphenyl
Concen: 38.42 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 399055
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.4 19.2 28.8

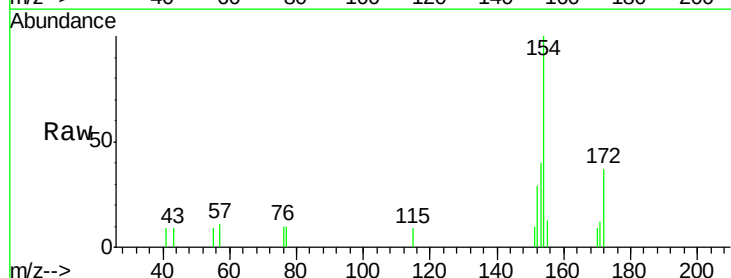


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

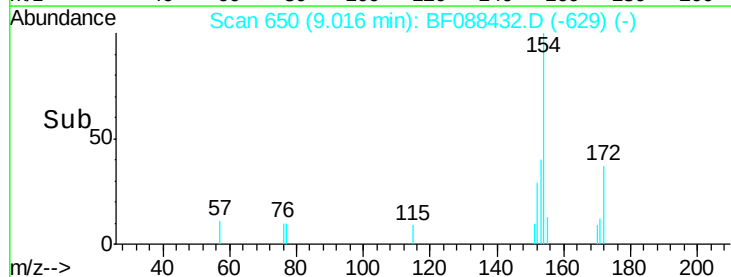
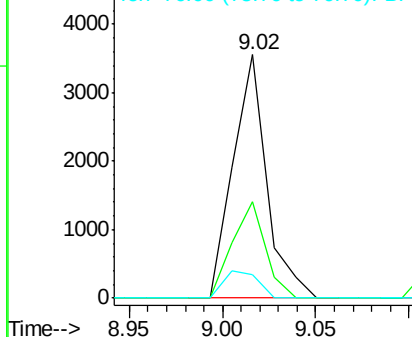


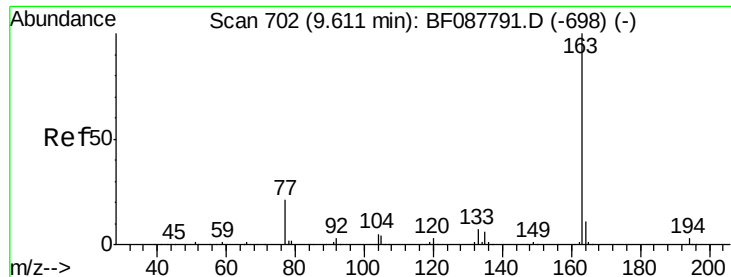
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.02 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

Tgt Ion:154 Resp: 4467
Ion Ratio Lower Upper
154 100
153 39.7 20.6 60.6
76 9.8 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





#49

Dimethylphthalate

Concen: 5.94 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.07 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Instrument :

BNA_G

ClientSampleId :

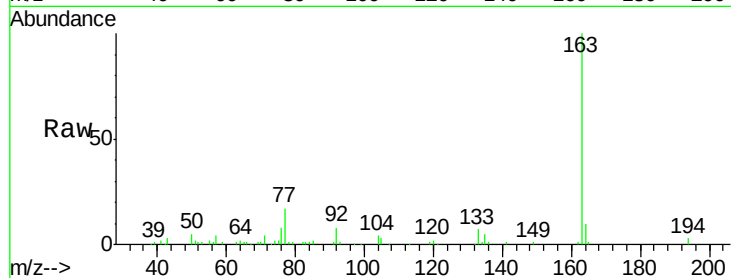
Tot Ion:163 Resp: 65045

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

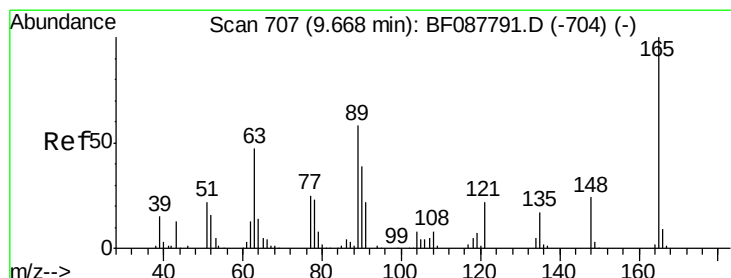
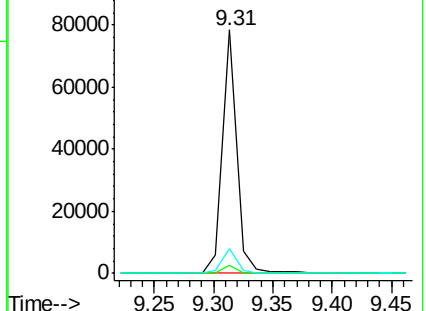
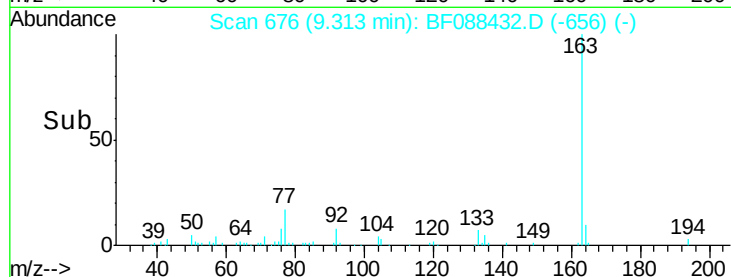
164 10.2 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 8.00 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.13 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

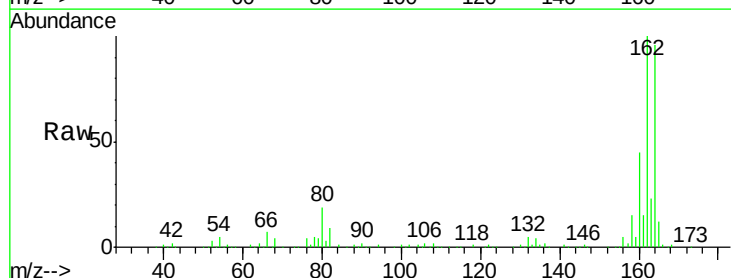
Tgt Ion:165 Resp: 20065

Ion Ratio Lower Upper

165 100

63 1.5 28.1 42.1#

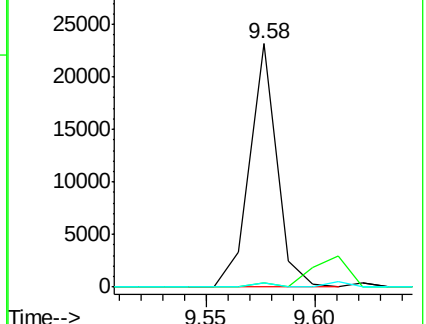
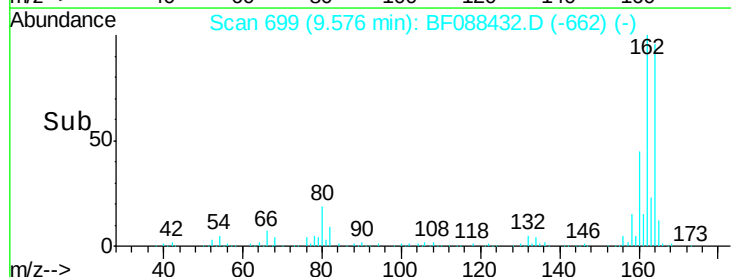
89 1.6 32.2 48.2#

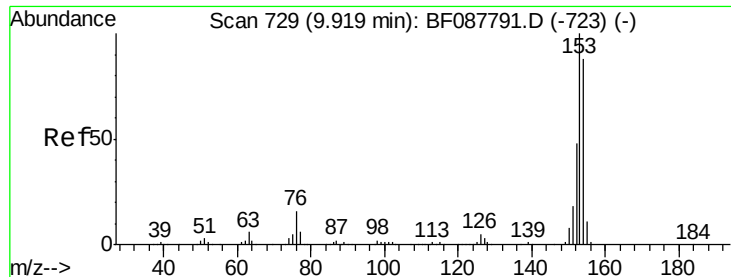


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 5.10 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.07 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Instrument :

BNA_G

ClientSampleId :

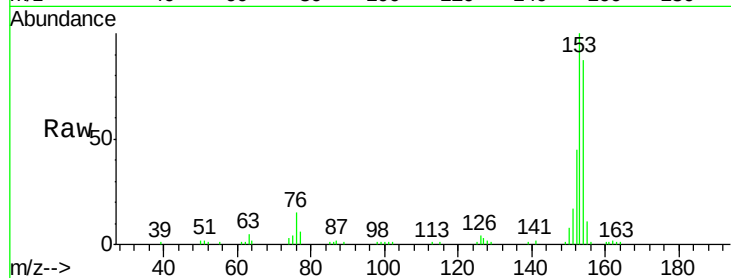
Tot Ion:154 Resp: 49547

Ion Ratio Lower Upper

154 100

153 114.7 89.5 134.3

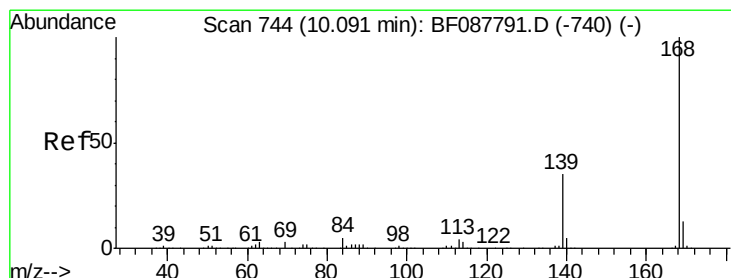
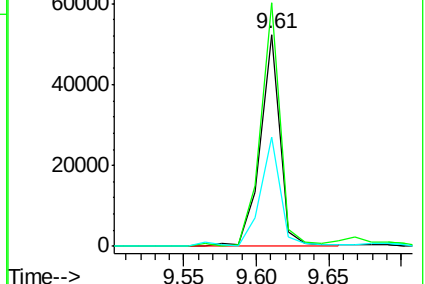
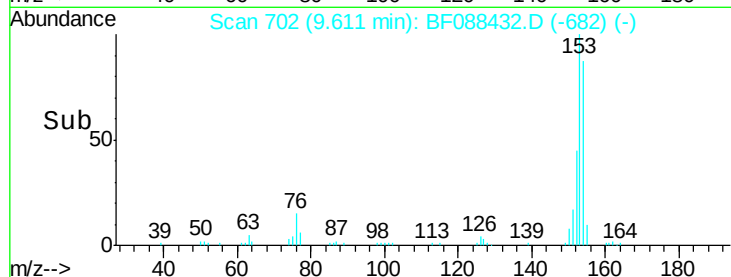
152 51.8 42.7 64.1



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



#54

Dibenzofuran

Concen: 2.54 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.07 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

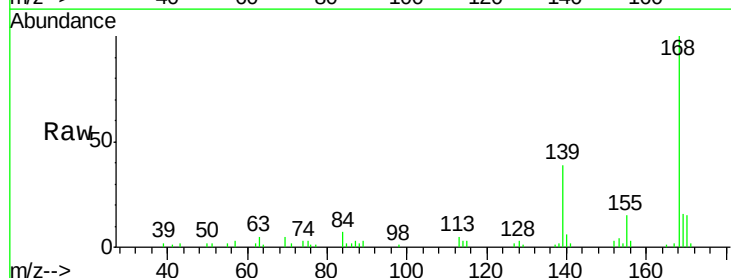
Tgt Ion:168 Resp: 33934

Ion Ratio Lower Upper

168 100

139 39.0 26.4 39.6

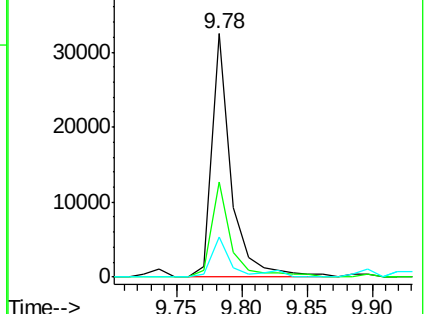
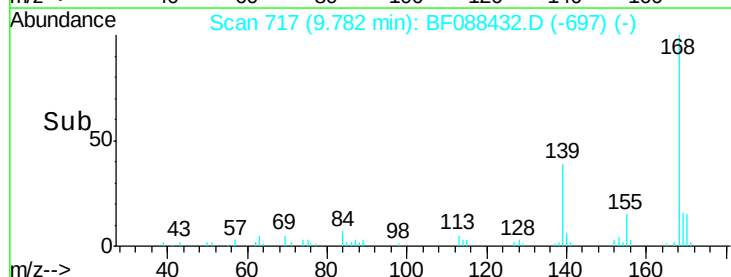
169 16.5 10.4 15.6#

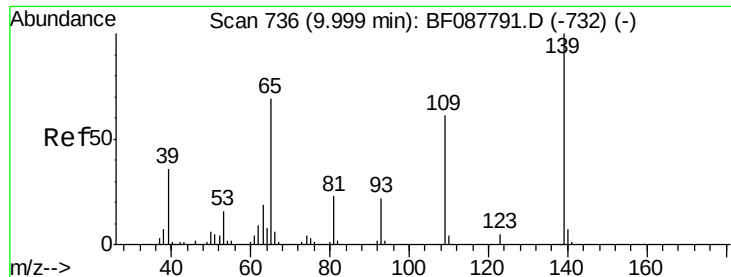


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 5.93 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Instrument :

BNA_G

ClientSampleId :

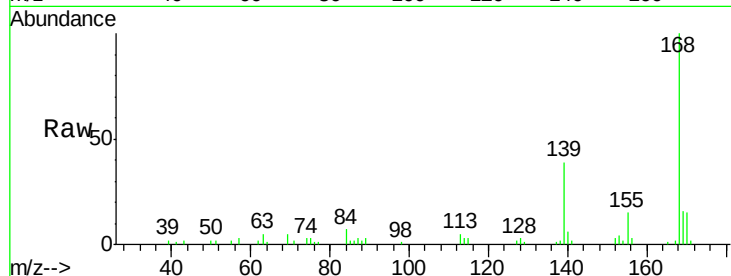
Tot Ion:139 Resp: 13324

Ion Ratio Lower Upper

139 100

109 0.0 48.9 88.9#

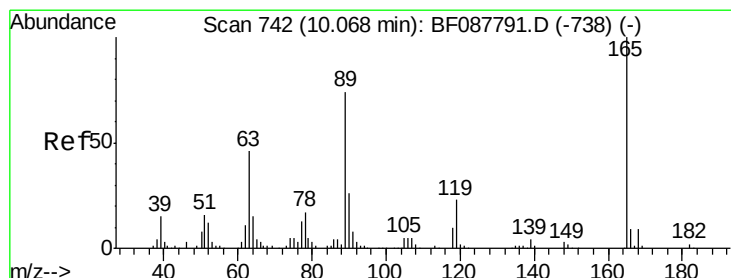
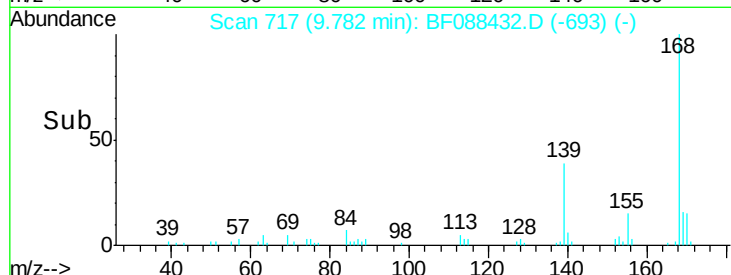
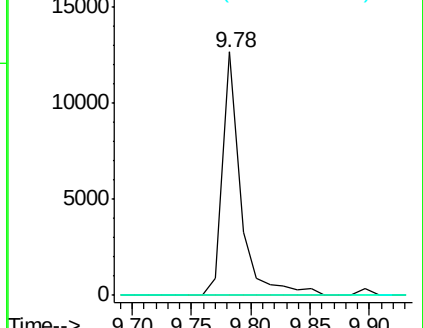
65 0.0 84.9 124.9#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 6.22 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.27 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Tgt Ion:165 Resp: 20065

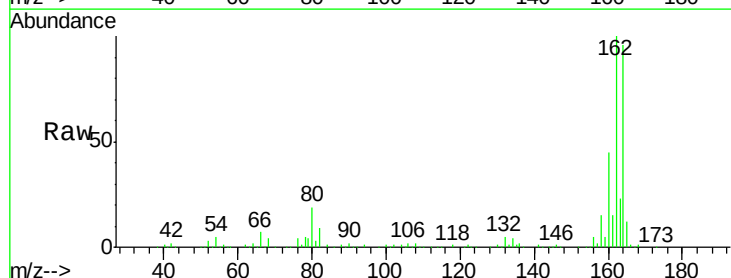
Ion Ratio Lower Upper

165 100

63 1.5 22.0 33.0#

89 1.6 41.1 61.7#

182 0.0 2.0 3.0#

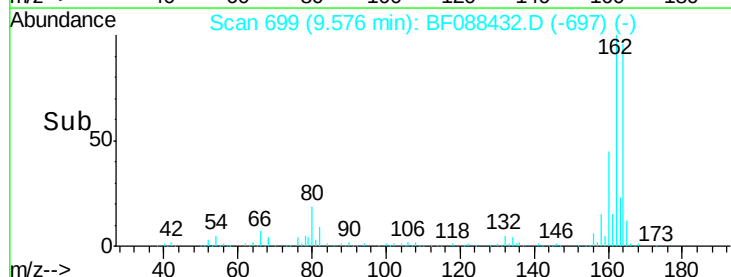
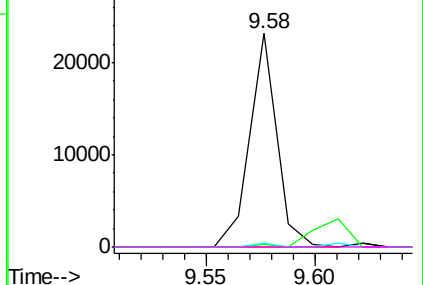


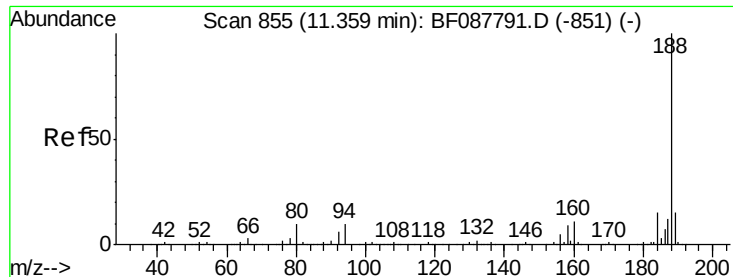
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

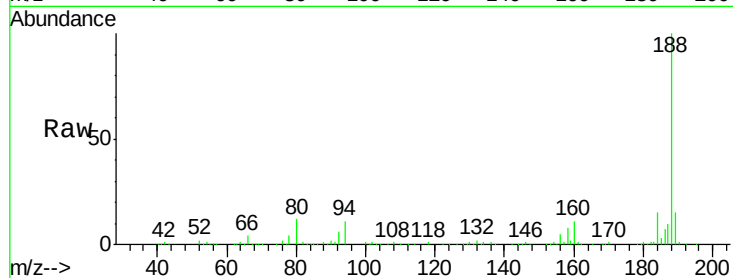




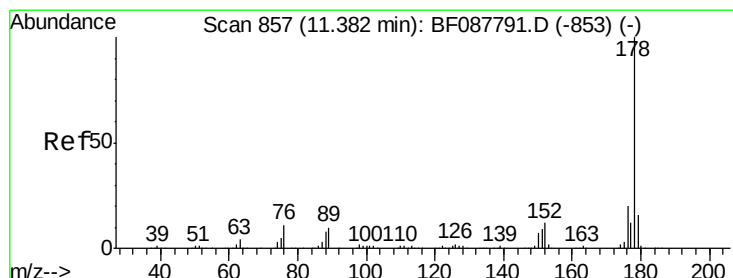
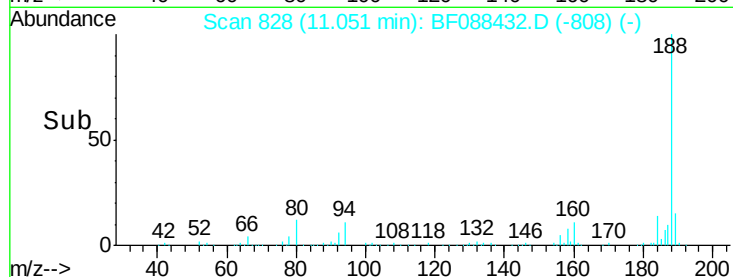
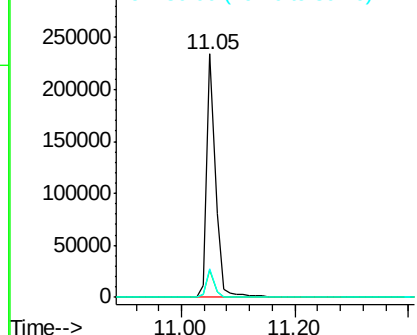
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.07 min
 Lab File: BF088432.D
 Acq: 26 Jun 2016 21:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 242130
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.0 13.6
 80 11.7 10.0 15.0

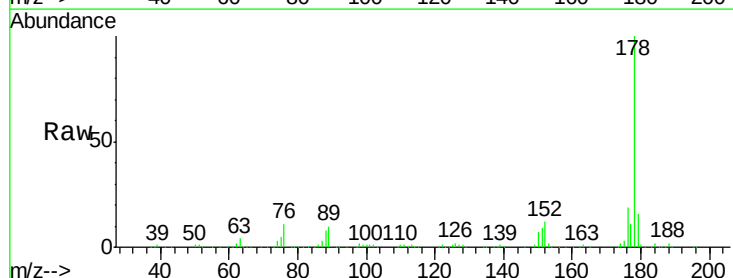


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

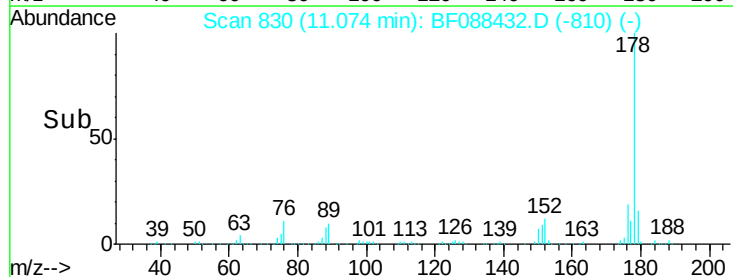
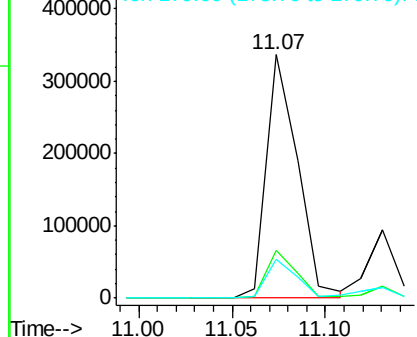


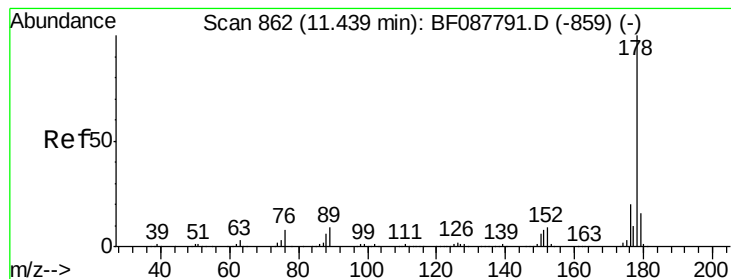
#70
 Phenanthrene
 Concen: 30.53 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.07 min
 Lab File: BF088432.D
 Acq: 26 Jun 2016 21:51

Tgt Ion:178 Resp: 387942
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.7 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





#71

Anthracene

Concen: 8.60 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.07 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Instrument :

BNA_G

ClientSampleId :

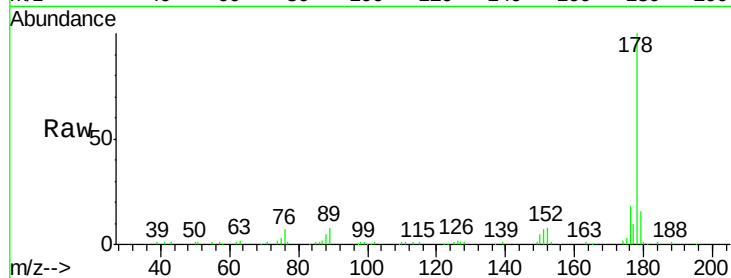
Tot Ion:178 Resp: 110220

Ion Ratio Lower Upper

178 100

176 18.0 15.6 23.4

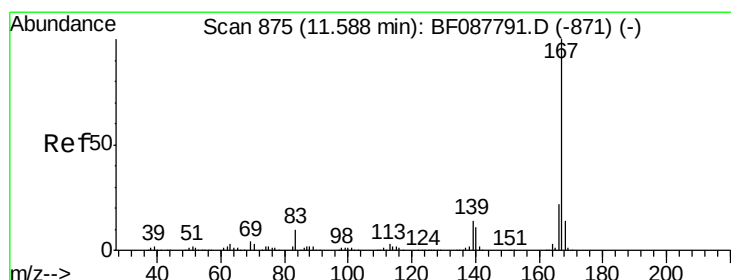
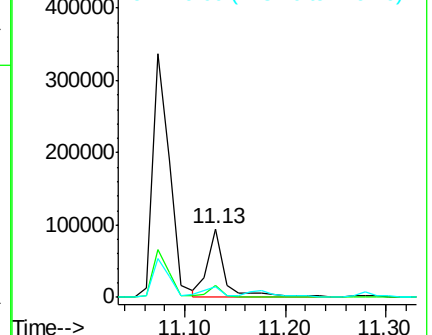
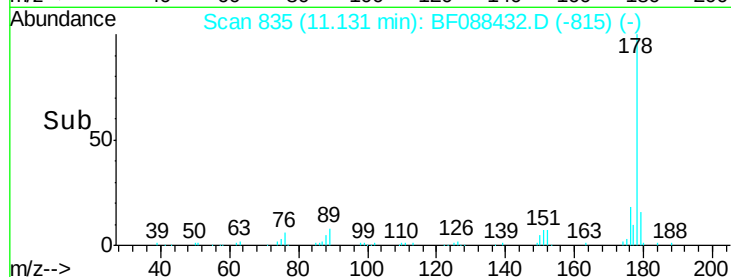
179 15.8 12.8 19.2



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



#72

Carbazole

Concen: 5.89 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.07 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

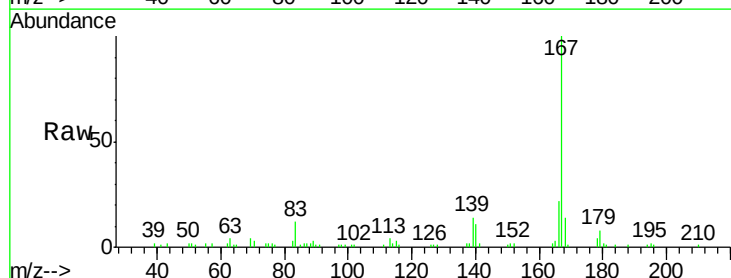
Tgt Ion:167 Resp: 70583

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

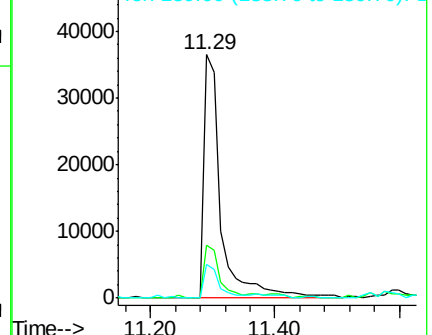
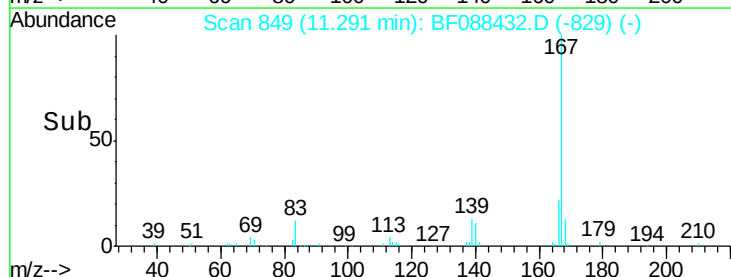
139 13.8 11.2 16.8

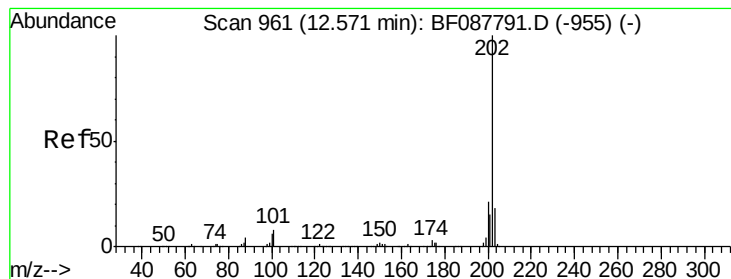


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

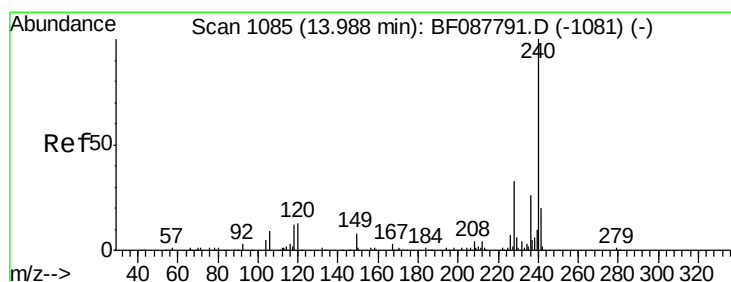
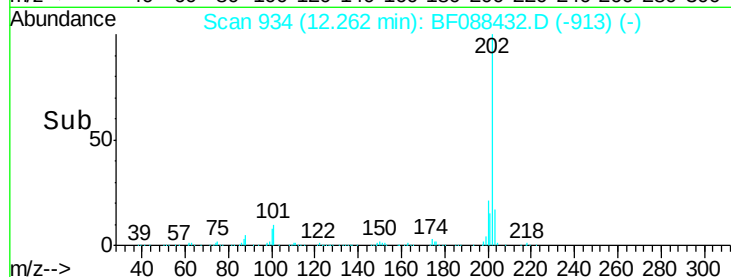
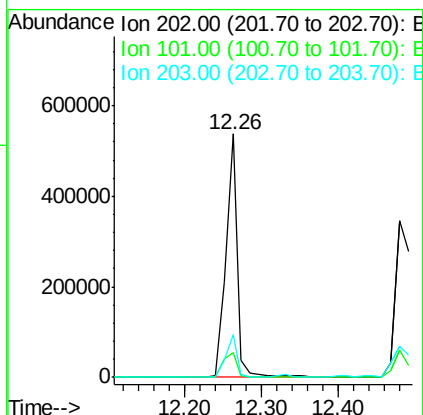
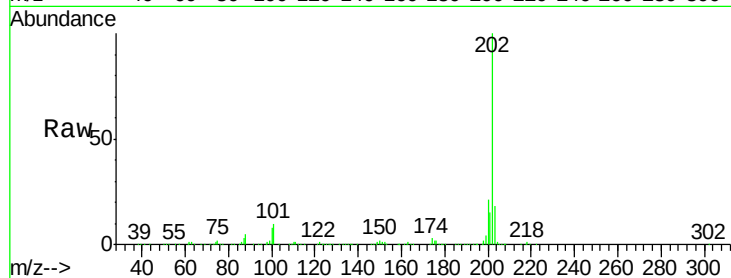




#74
 Fluoranthene
 Concen: 41.84 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.06 min
 Lab File: BF088432.D
 Acq: 26 Jun 2016 21:51

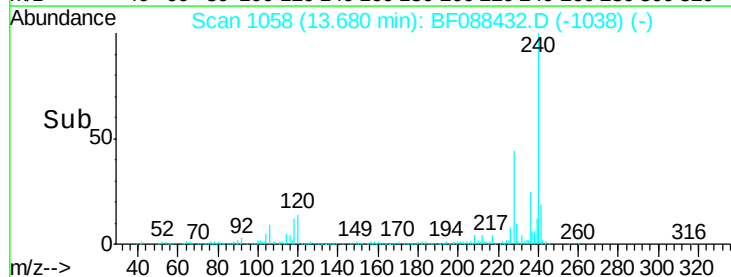
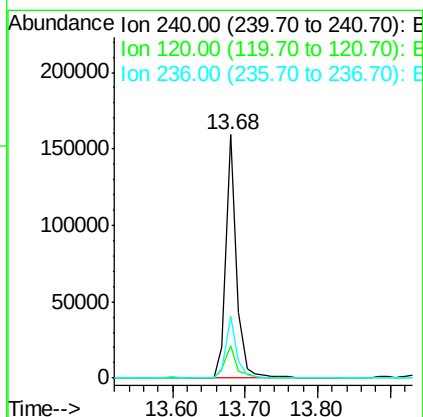
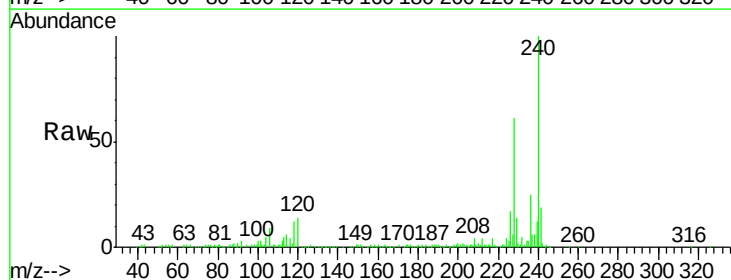
Instrument :
 BNA_G
 ClientSampleId :

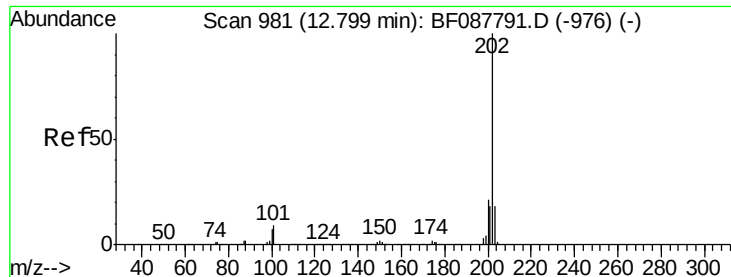
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	33.1
203	17.5	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.07 min
 Lab File: BF088432.D
 Acq: 26 Jun 2016 21:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	6.8	10.2#
236	25.3	20.2	30.2





#77

Pvrene

Concen: 38.59 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.07 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Instrument :

BNA_G

ClientSampleId :

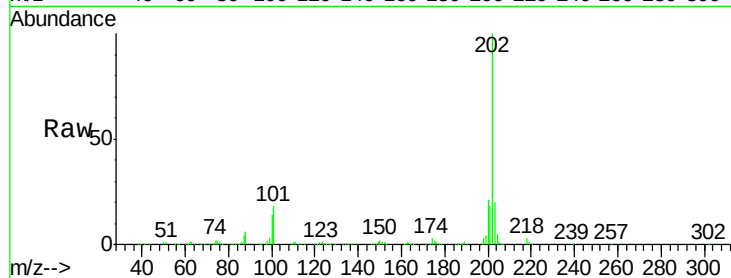
Tot Ion:202 Resp: 474341

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

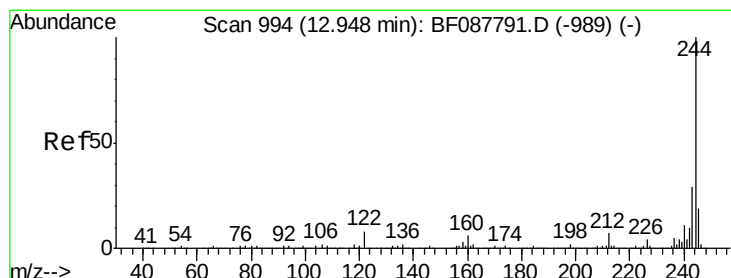
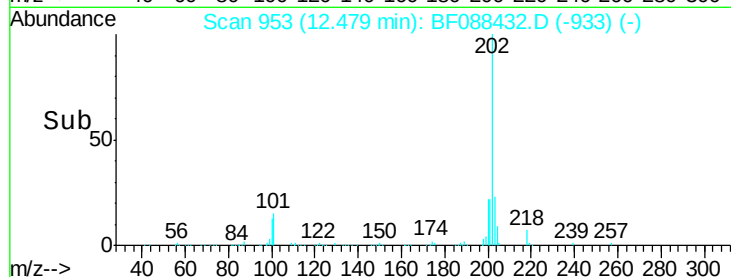
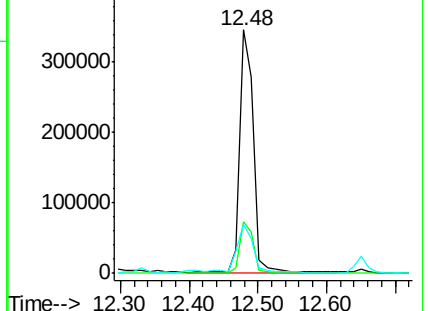
203 20.0 14.5 21.7



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: 32.40 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.07 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

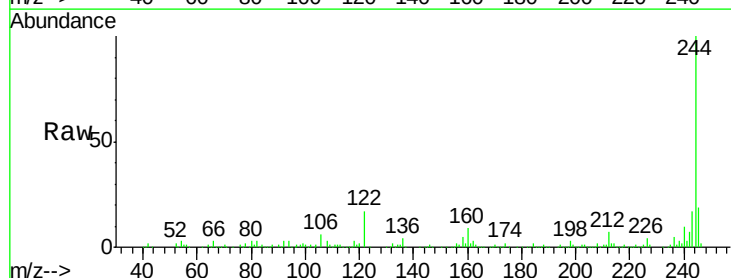
Tgt Ion:244 Resp: 235843

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

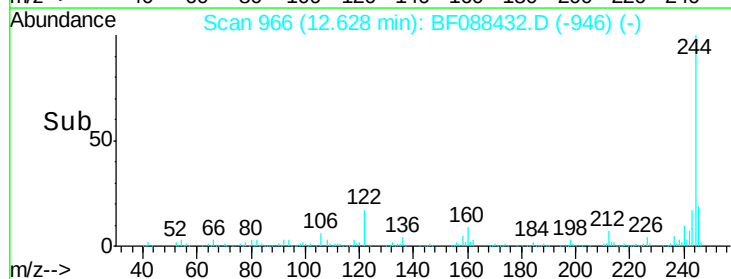
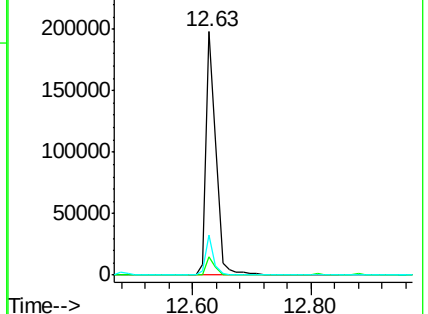
122 16.5 11.2 16.8

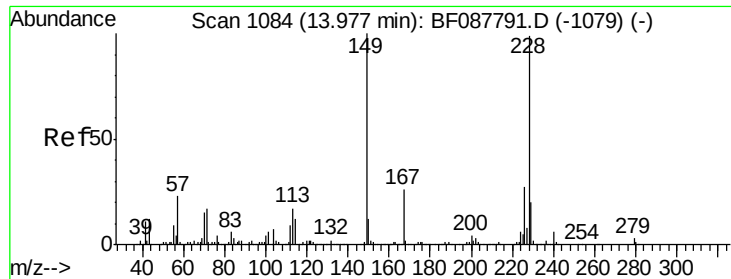


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 31.98 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.07 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

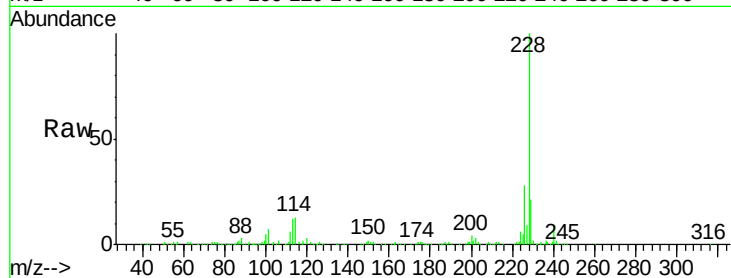
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 301847

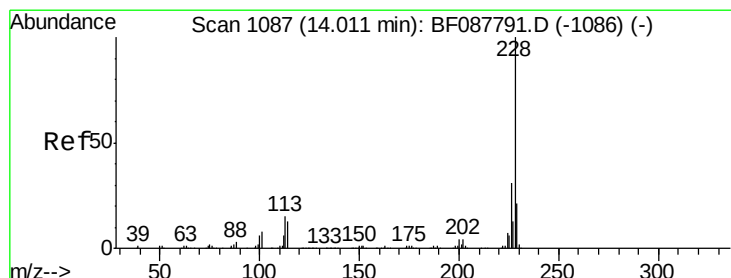
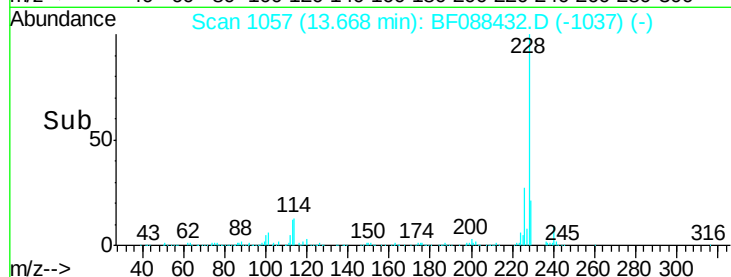
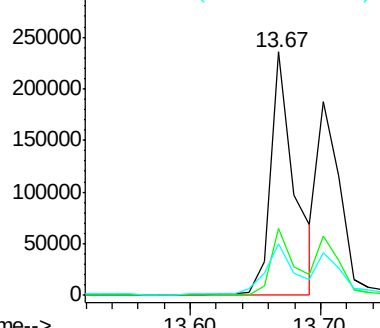
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	21.2	16.0	24.0



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



#82

Chrysene

Concen: 25.33 ng

RT: 13.70 min Scan# 1060

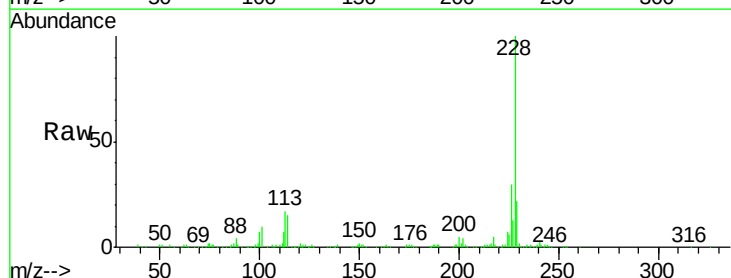
Delta R.T. -0.07 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Tgt Ion:228 Resp: 224958

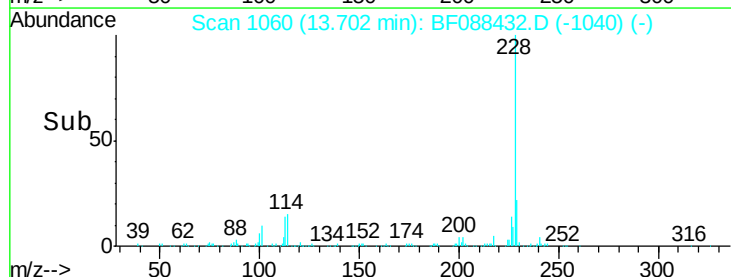
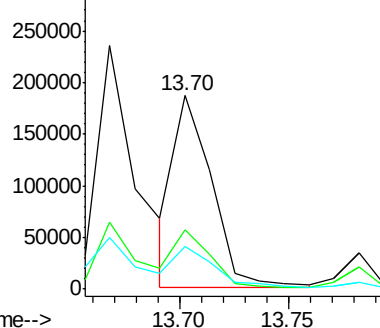
Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	22.1	16.3	24.5

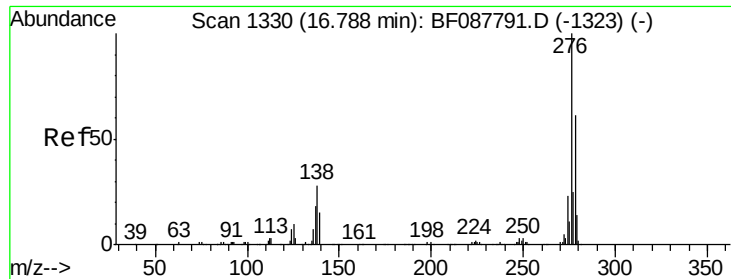


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

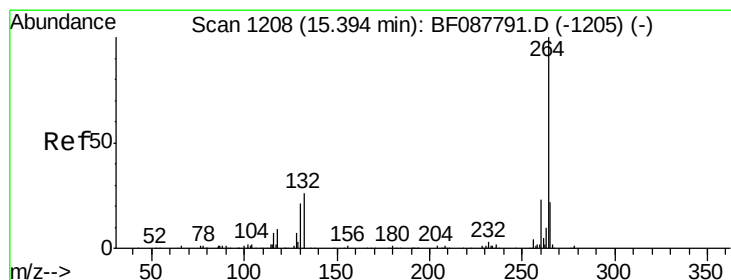
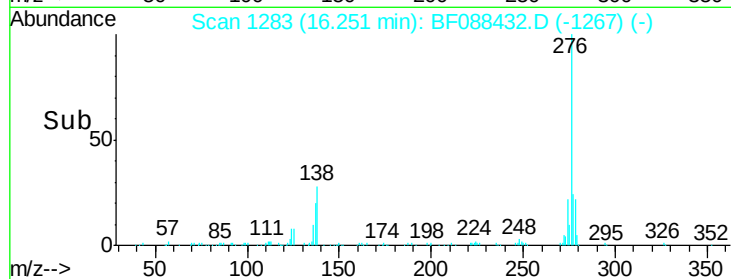
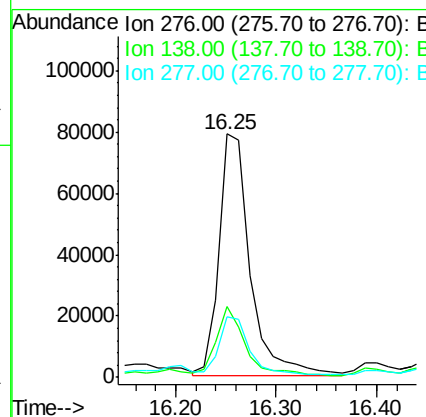
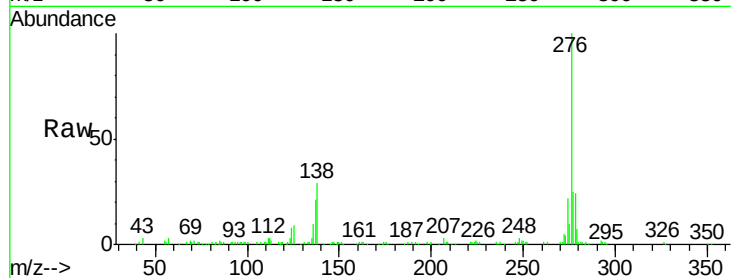




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.64 ng
 RT: 16.25 min Scan# 1283
 Delta R.T. -0.11 min
 Lab File: BF088432.D
 Acq: 26 Jun 2016 21:51

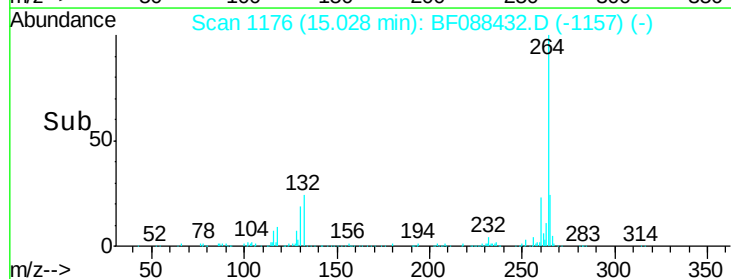
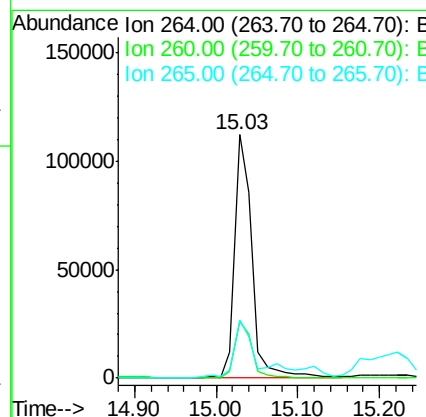
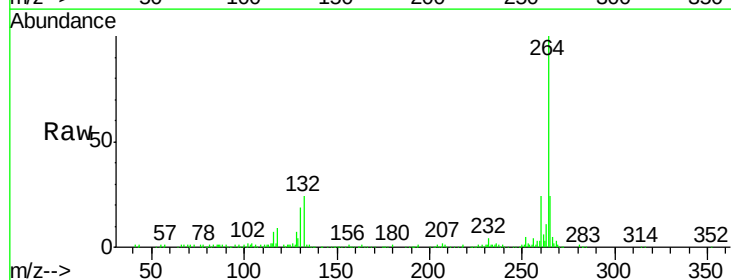
Instrument :
 BNA_G
 ClientSampled :

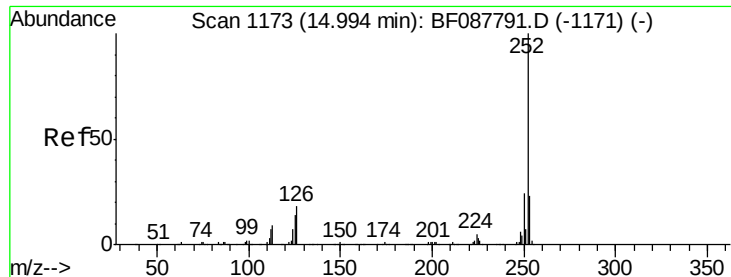
Tot Ion:276 Resp: 170257
 Ion Ratio Lower Upper
 276 100
 138 27.1 0.0 0.0#
 277 23.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF088432.D
 Acq: 26 Jun 2016 21:51

Tgt Ion:264 Resp: 165775
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 24.0 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 45.73 ng

RT: 14.67 min Scan# 1145

Delta R.T. -0.07 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Instrument :

BNA_G

ClientSampleId :

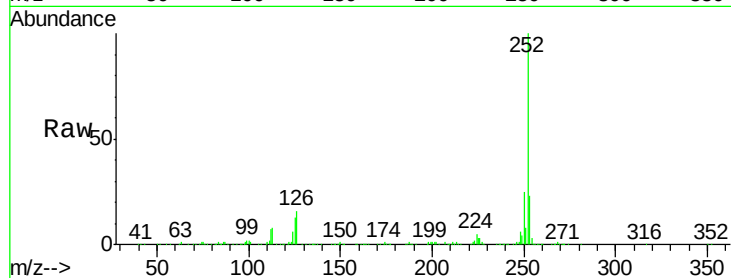
Tot Ion:252 Resp: 528395

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

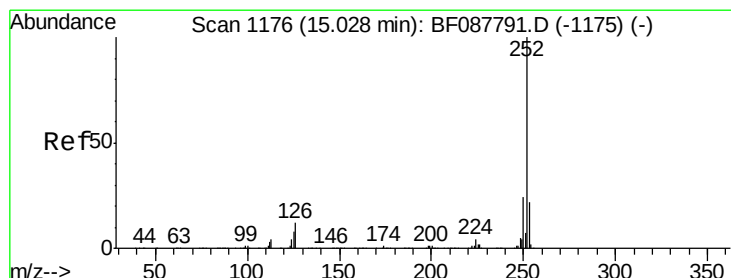
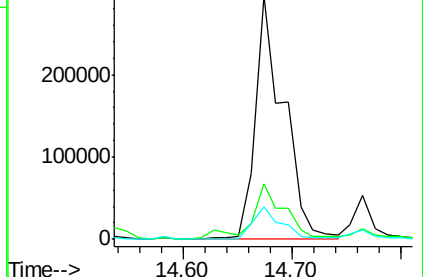
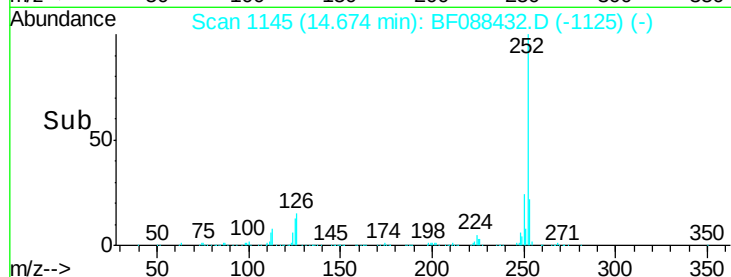
125 13.5 7.1 10.7#



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



#88

Benzo(k)fluoranthene

Concen: 60.62 ng

RT: 14.67 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

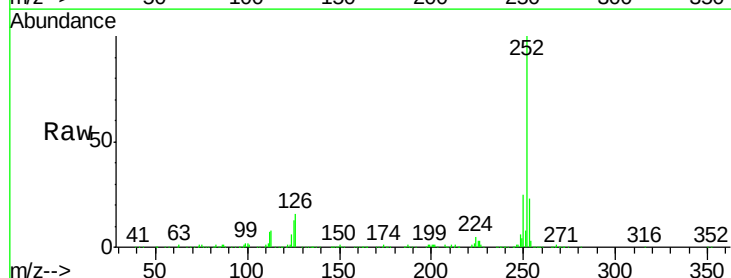
Tgt Ion:252 Resp: 528395

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

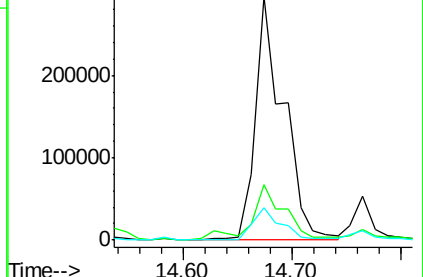
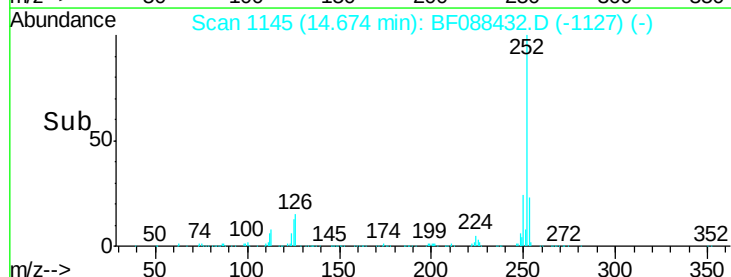
125 13.5 11.2 16.8

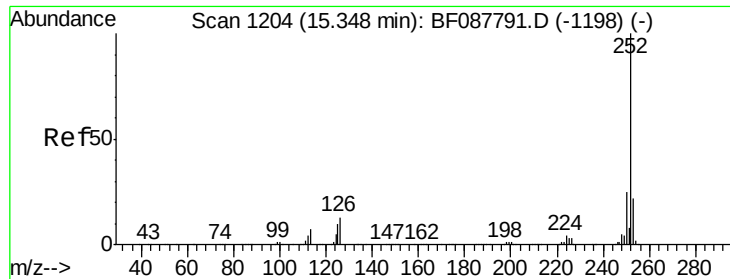


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

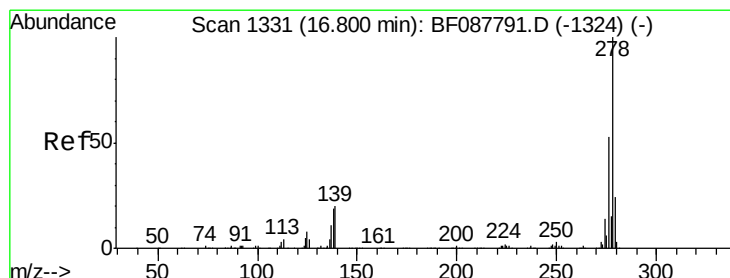
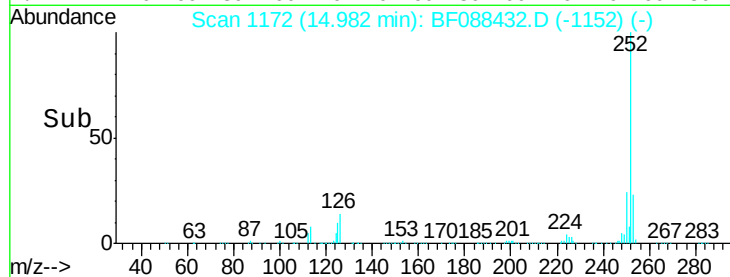
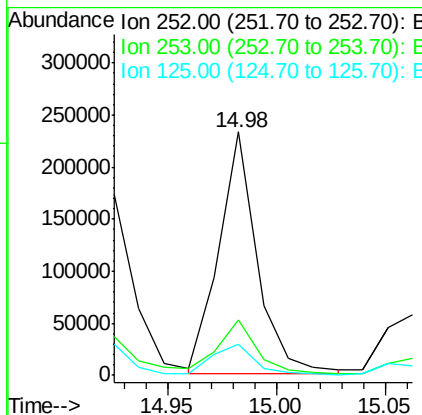
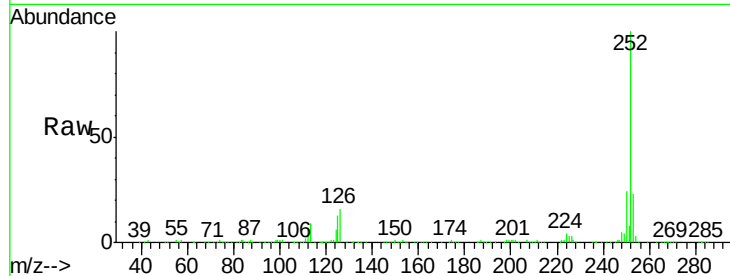




#89
Benzo(a)pyrene
Concen: 30.52 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

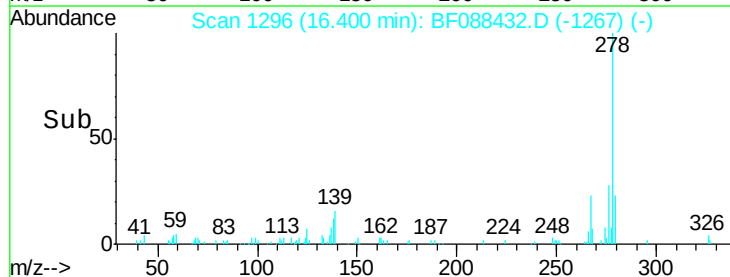
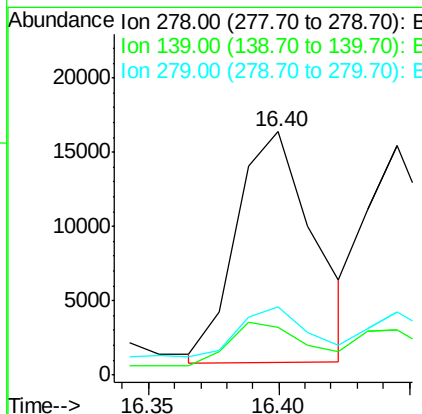
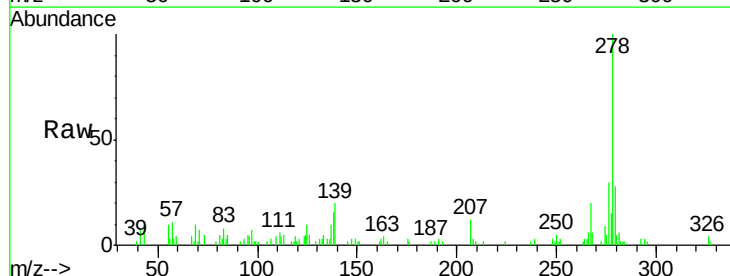
Instrument :
BNA_G
ClientSampleId :

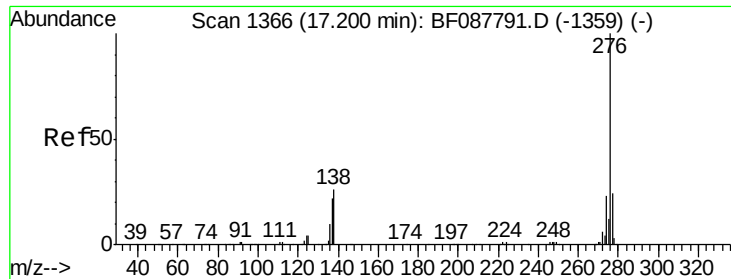
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.5	12.5	18.7



#90
Dibenzo(a,h)anthracene
Concen: 3.70 ng
RT: 16.40 min Scan# 1296
Delta R.T. 0.03 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.7	23.5
279	28.2	19.4	29.2





#91

Benzo(a,h,i)perylene

Concen: 17.85 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.13 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

Instrument :

BNA_G

ClientSampleId :

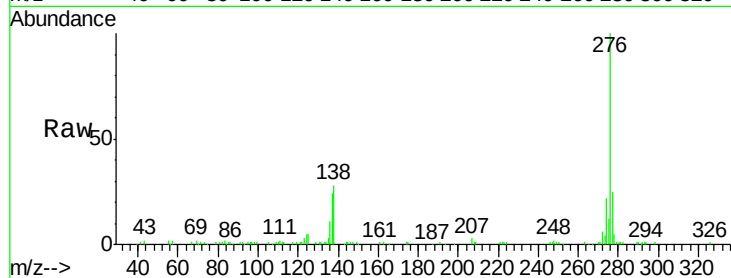
Tot Ion: 276 Resp: 159448

Ion Ratio Lower Upper

276 100

277 25.1 18.9 28.3

138 27.7 21.4 32.2



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

