

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_F
 ClientSampleId :
 SS-2

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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Operator  : UM/SJ  
Sample    : H3663-04 2X  
Misc      :  
ALS Vial  : 22      Sample Multiplier: 1
```

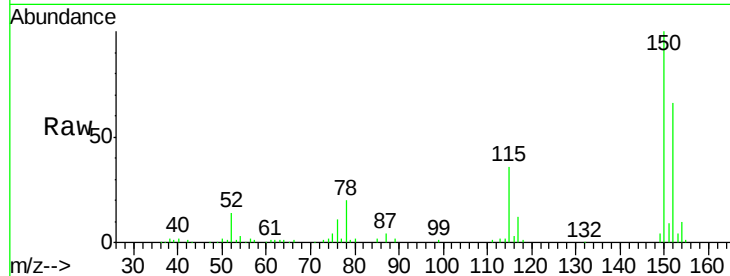


#1

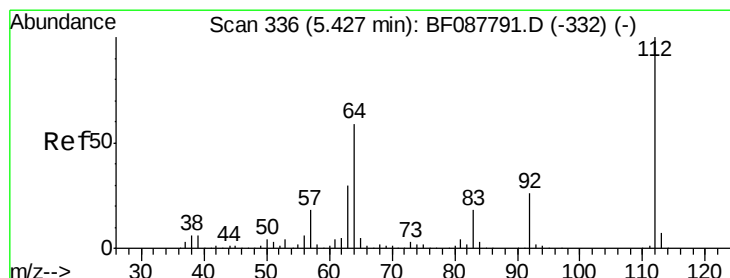
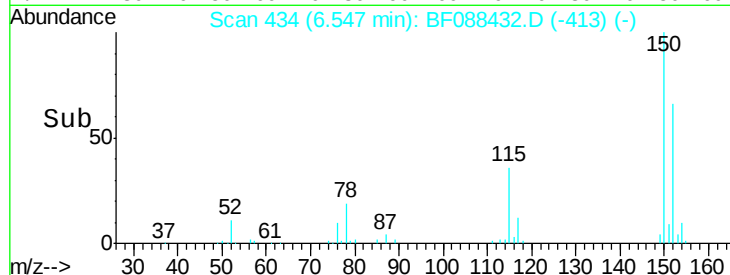
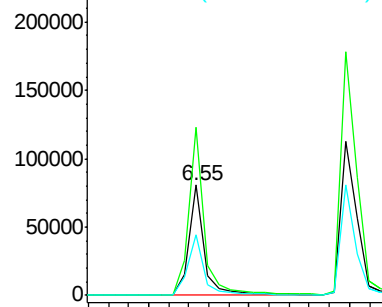
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.06 min
 Lab File: BF088432.D
 Acq: 26 Jun 2016 21:51

Instrument :
 BNA_F
 ClientSampled :
 SS-2

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



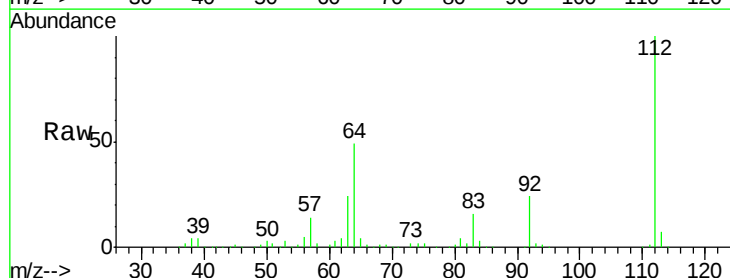
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



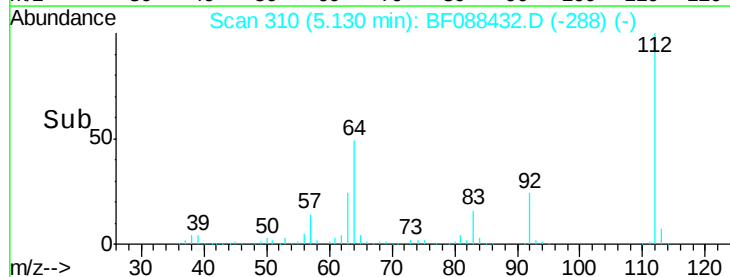
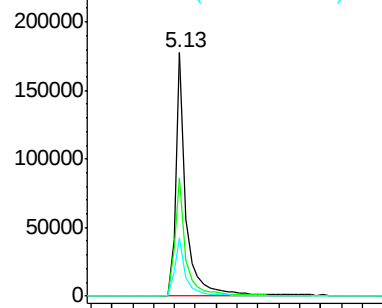
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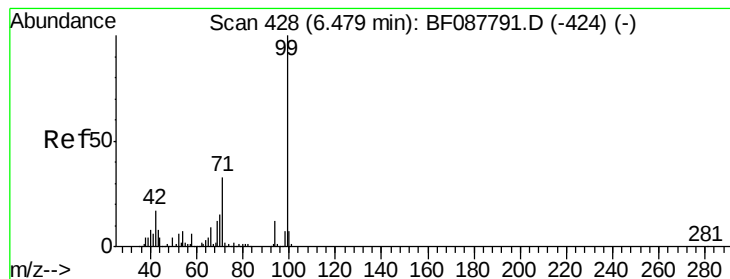
2-Fluorophenol
 Concen: 48.89 ng
 RT: 5.13 min Scan# 310
 Delta R.T. -0.05 min
 Lab File: BF088432.D
 Acq: 26 Jun 2016 21:51

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_F

ClientSampleId :

SS-2

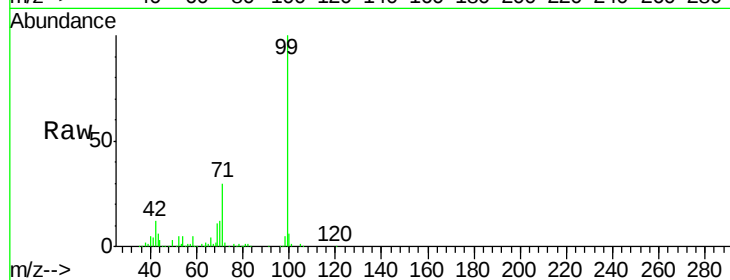
Tot Ion: 99 Resp: 325829

Ion Ratio Lower Upper

99 100

42 12.1 12.2 18.2#

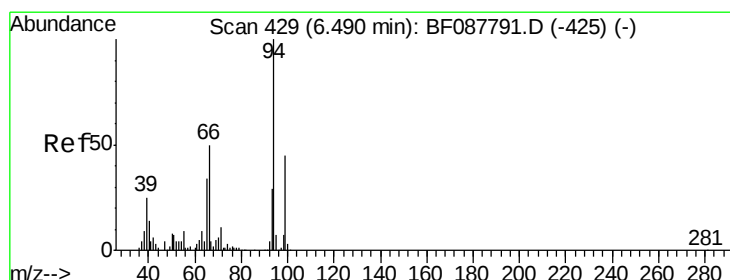
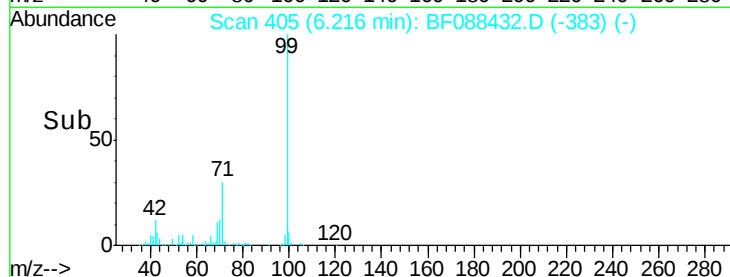
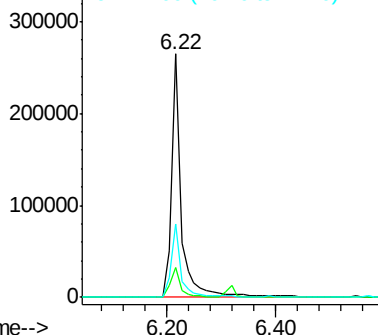
71 30.1 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#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

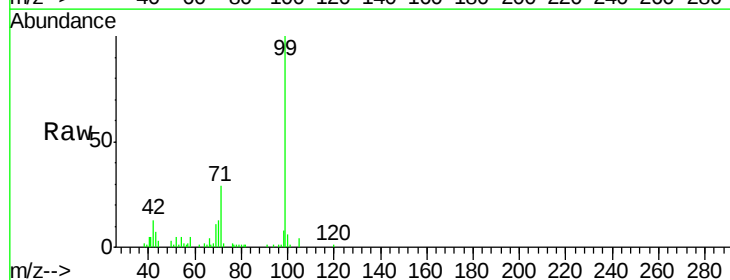
Tgt Ion: 94 Resp: 693

Ion Ratio Lower Upper

94 100

65 117.3 5.9 45.9#

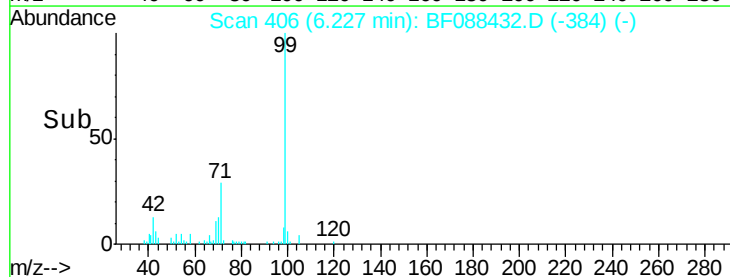
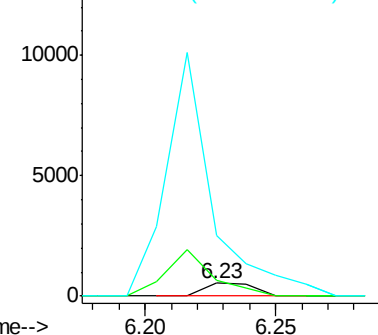
66 467.0 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

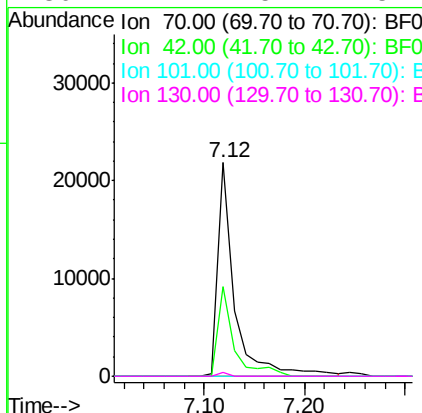
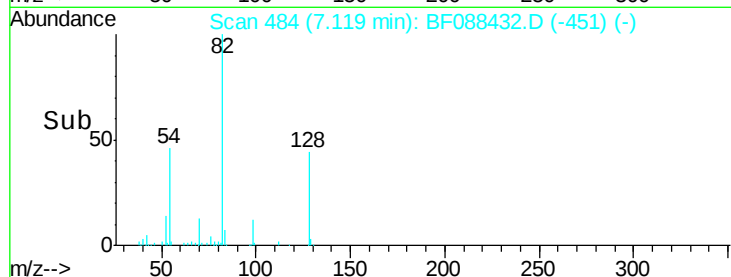
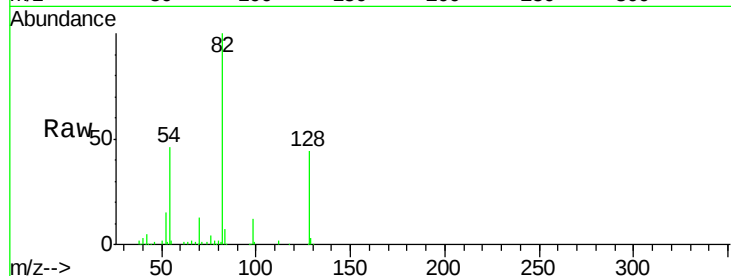




#19
n-Nitroso-di-n-propylamine
Concen: 6.45 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.08 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

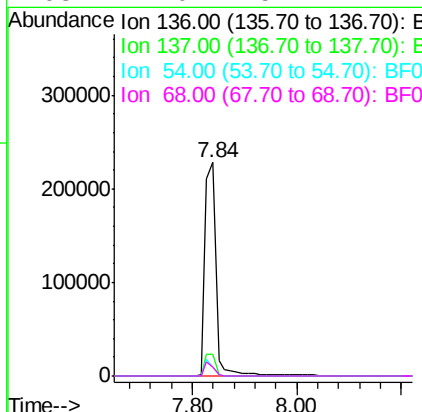
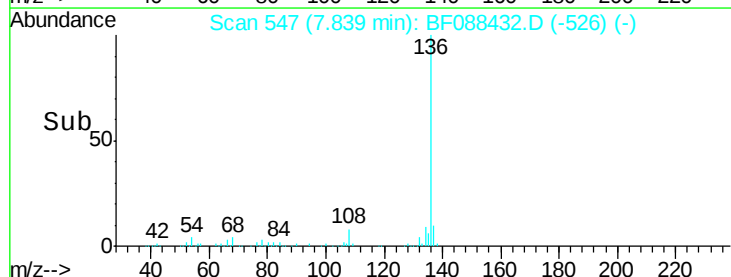
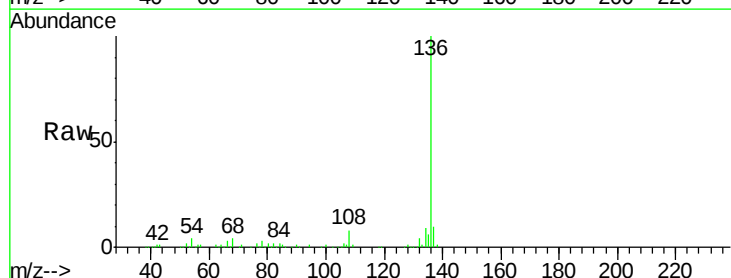
Instrument :
BNA_F
ClientSampleId :
SS-2

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#



#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#

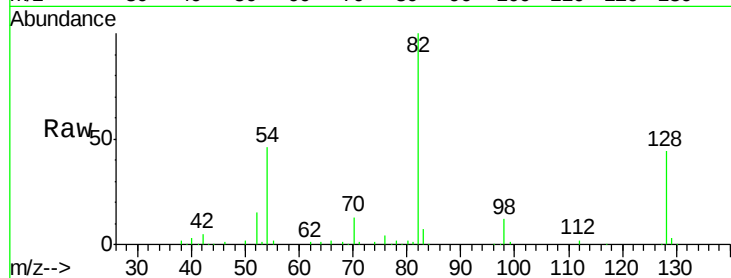




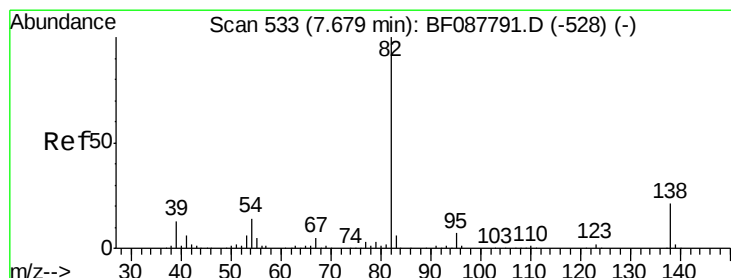
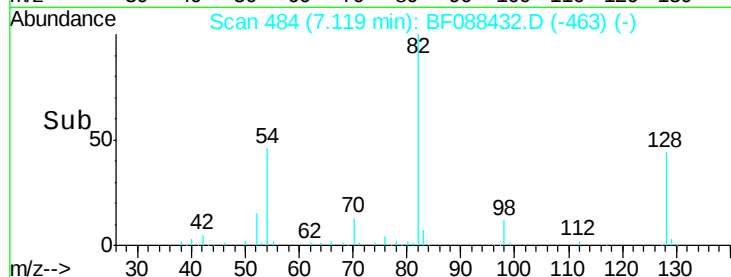
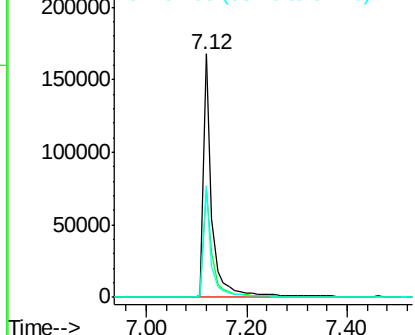
#23
 Nitrobenzene-d5
 Concen: 34.67 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.06 min
 Lab File: BF088432.D
 Acq: 26 Jun 2016 21:51

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

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

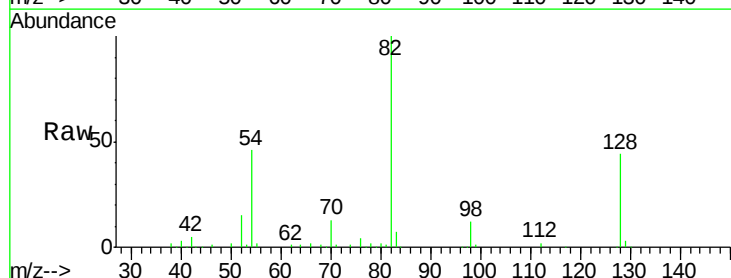


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

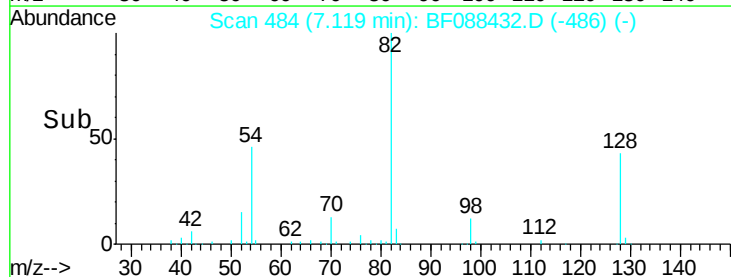
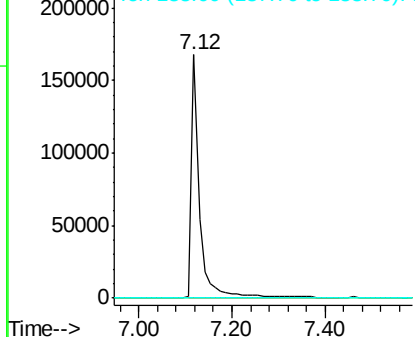


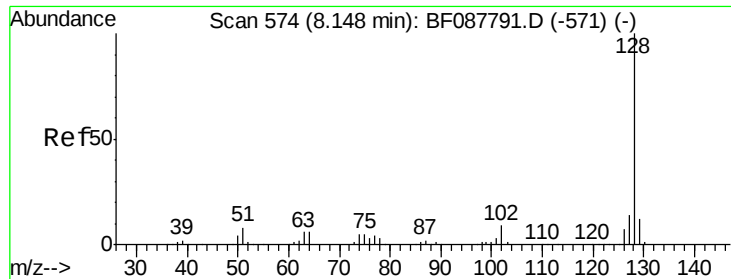
#25
 Isophorone
 Concen: 17.94 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.32 min
 Lab File: BF088432.D
 Acq: 26 Jun 2016 21:51

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

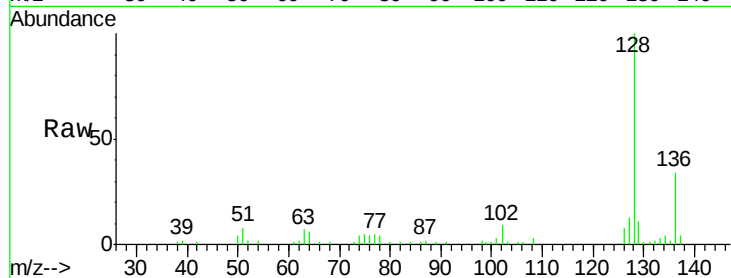




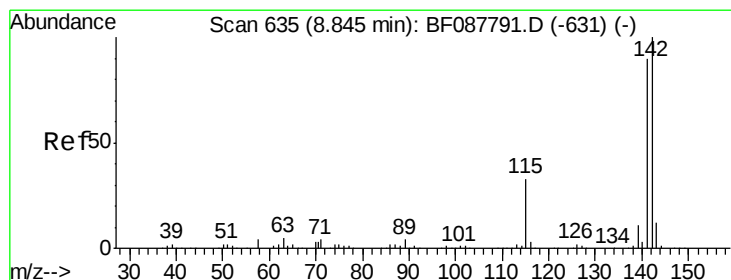
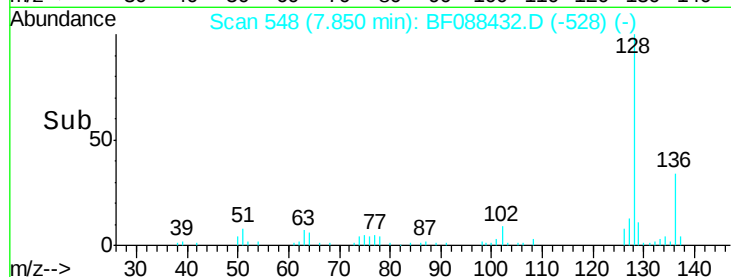
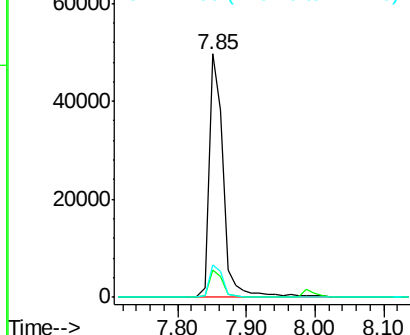
#31
Naphthalene
Concen: 4.29 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.07 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

Instrument :
BNA_F
ClientSampleId :
SS-2

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

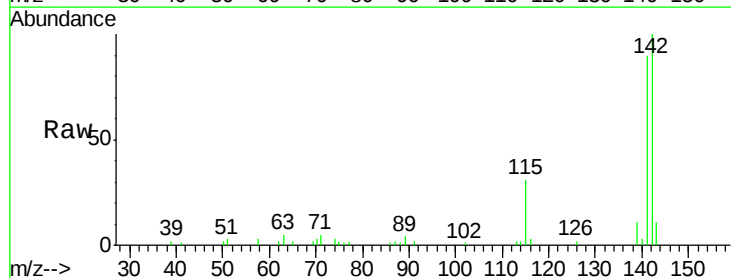


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

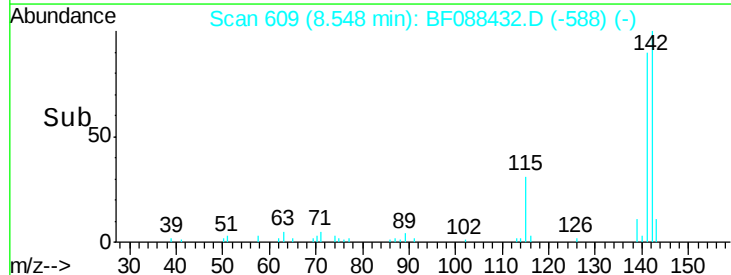
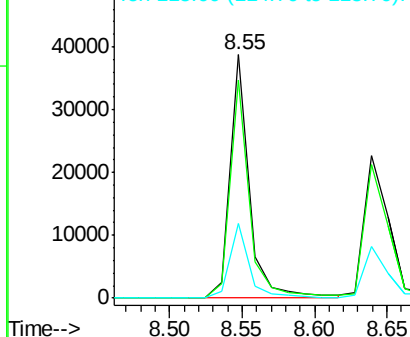


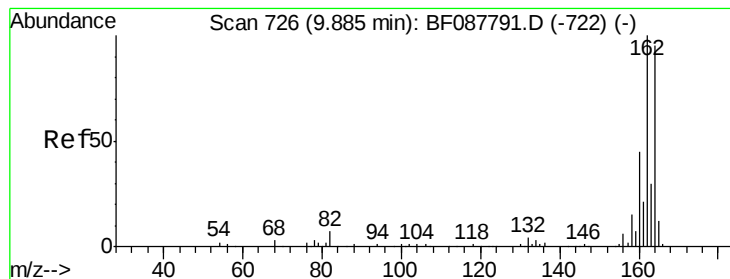
#37
2-Methylnaphthalene
Concen: 3.25 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.06 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

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_F

ClientSampleId :

SS-2

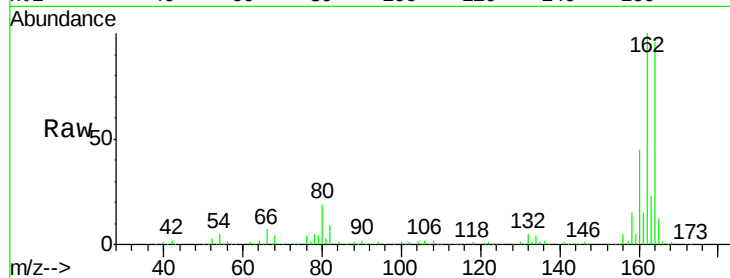
Tot Ion:164 Resp: 151225

Ion Ratio Lower Upper

164 100

162 103.9 85.4 128.2

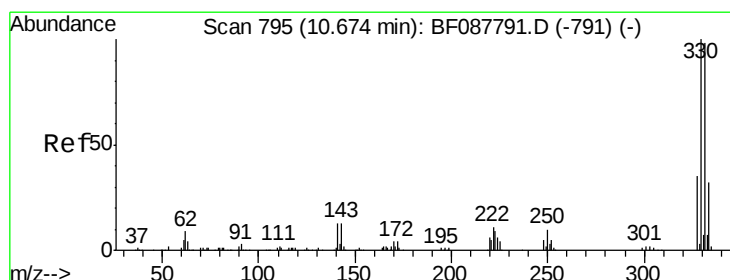
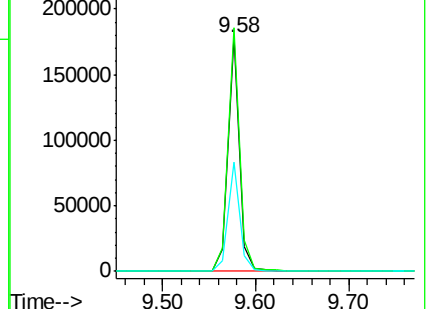
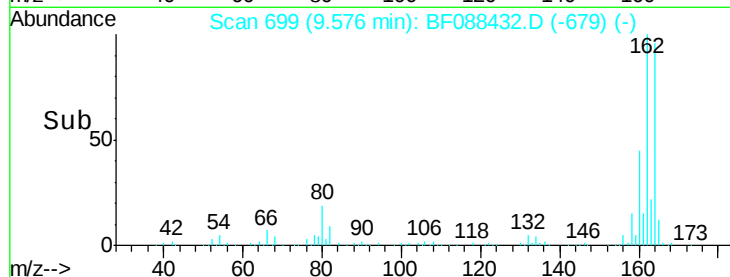
160 46.8 39.5 59.3



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

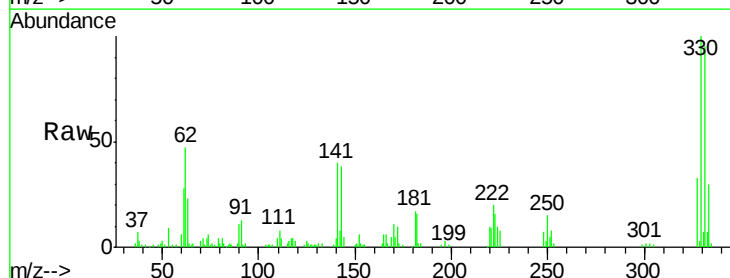
Tgt Ion:330 Resp: 65119

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

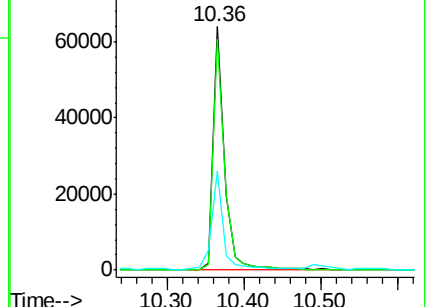
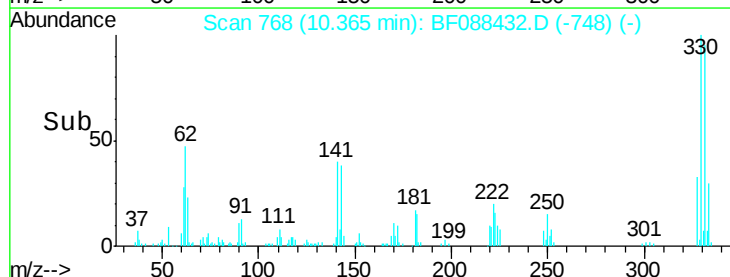
141 42.9 0.0 0.0#

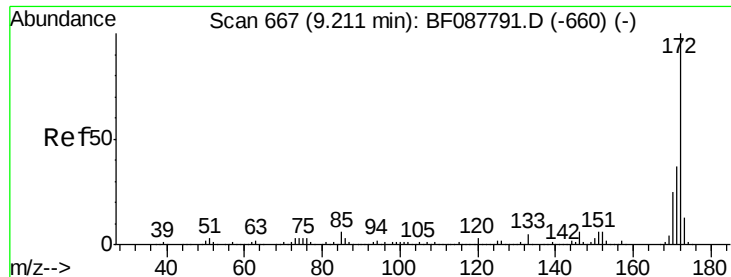


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

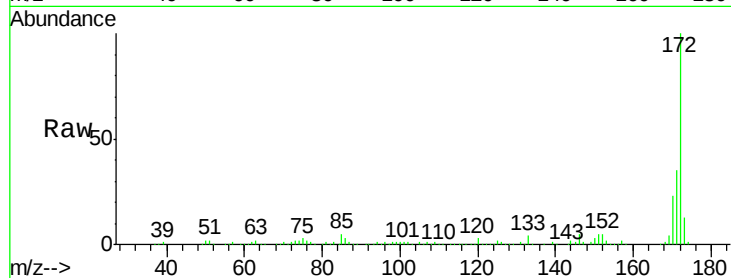




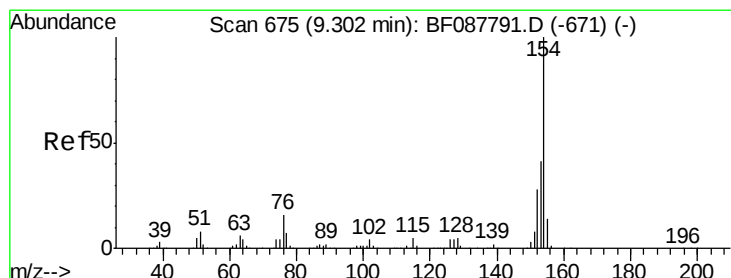
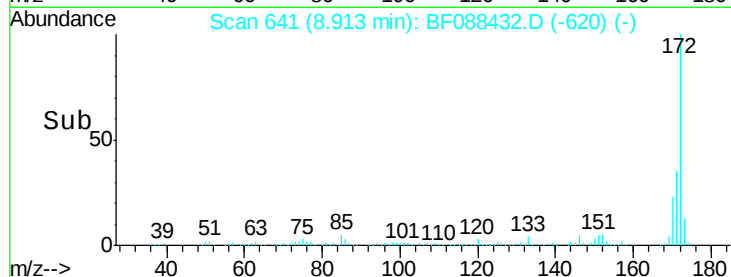
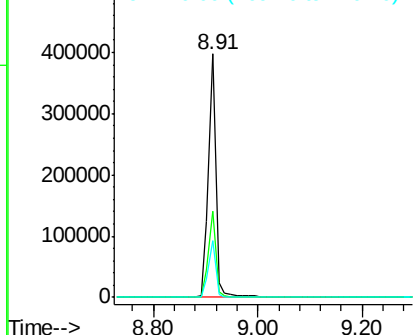
#44
 2-Fluorobiphenyl
 Concen: 38.42 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF088432.D
 Acq: 26 Jun 2016 21:51

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

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

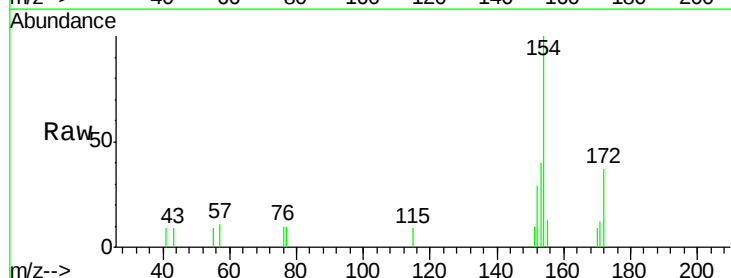


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

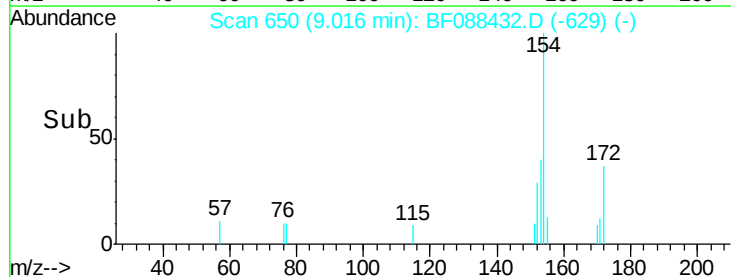
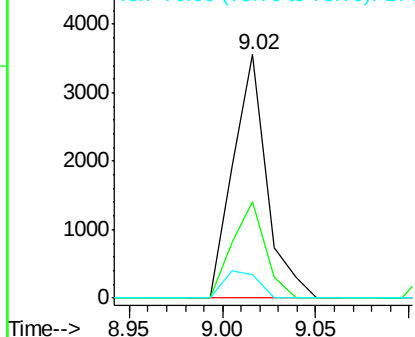


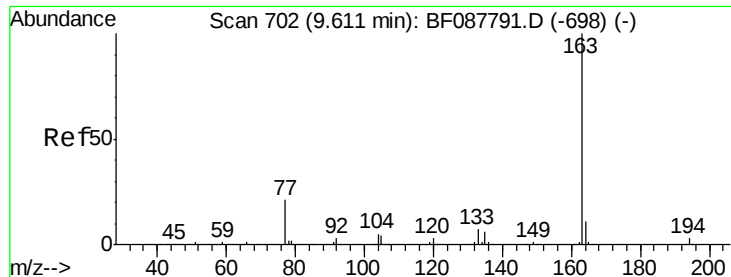
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.02 min Scan# 650
 Delta R.T. -0.06 min
 Lab File: BF088432.D
 Acq: 26 Jun 2016 21:51

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_F

ClientSampled :

SS-2

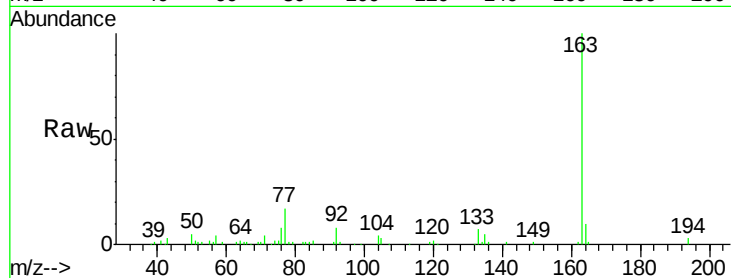
Tot Ion:163 Resp: 65045

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

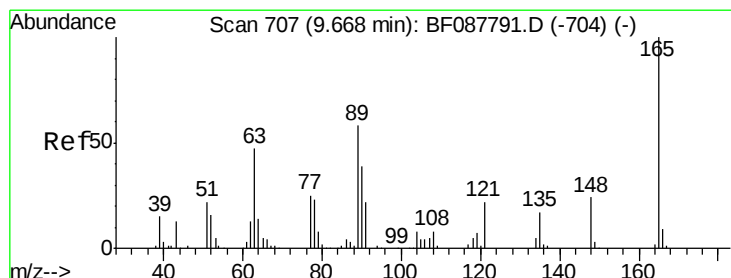
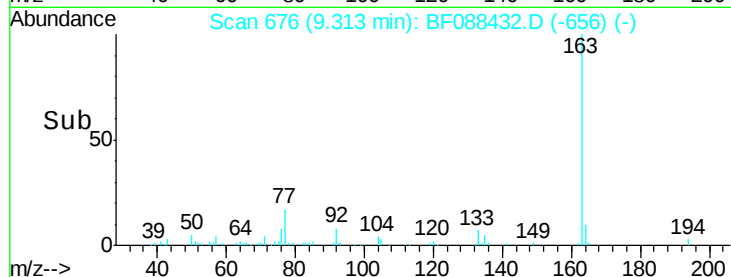
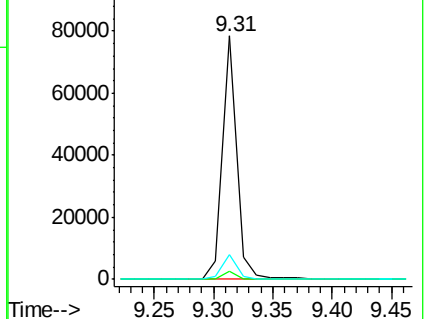
164 10.2 8.3 12.5



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

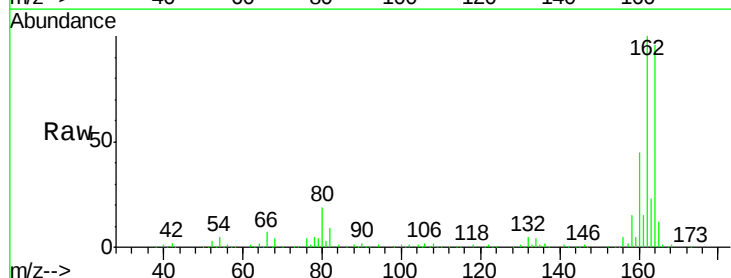
Tgt Ion:165 Resp: 20065

Ion Ratio Lower Upper

165 100

63 1.5 28.1 42.1#

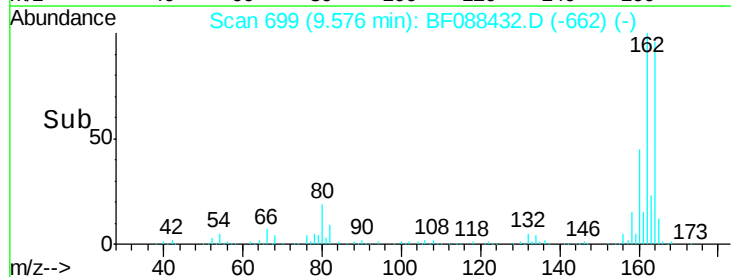
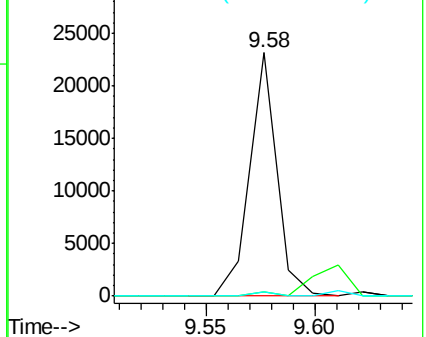
89 1.6 32.2 48.2#

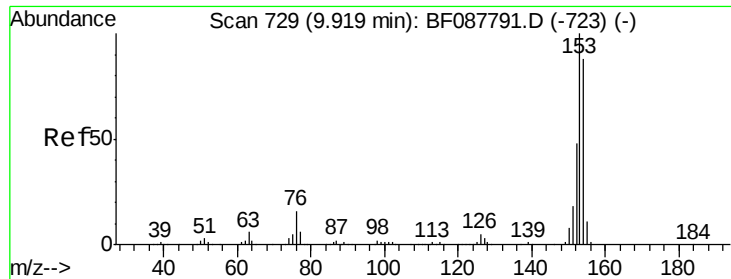


Abundance Ion 165.00 (164.70 to 165.70): E

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_F

ClientSampleId :

SS-2

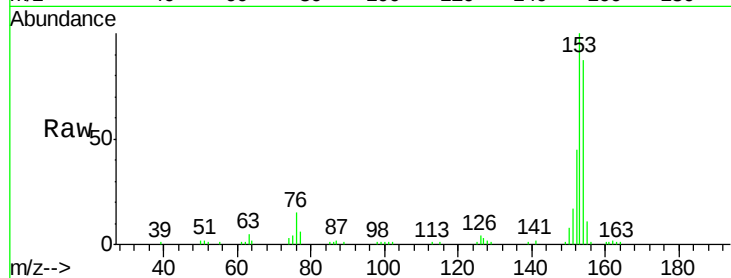
Tot Ion:154 Resp: 49547

Ion Ratio Lower Upper

154 100

153 114.7 89.5 134.3

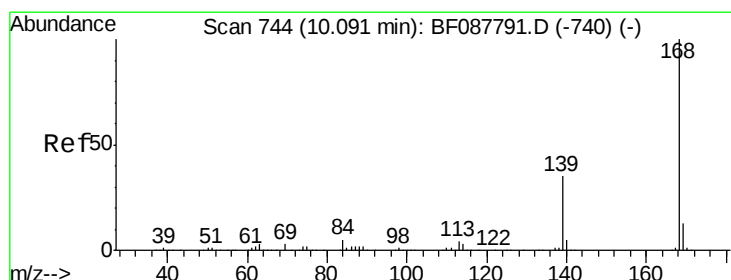
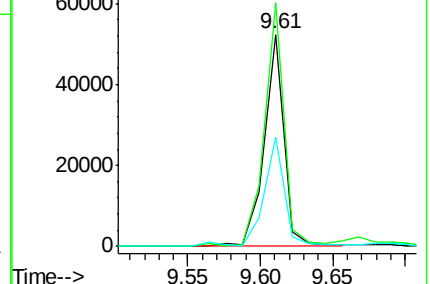
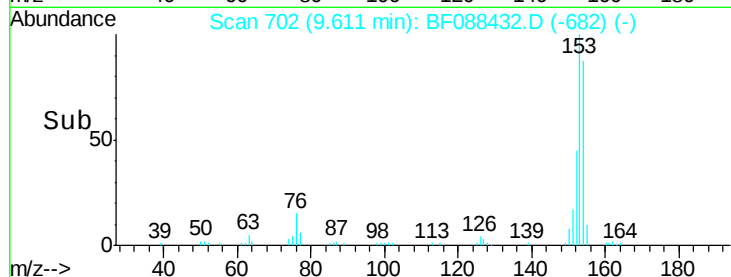
152 51.8 42.7 64.1



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

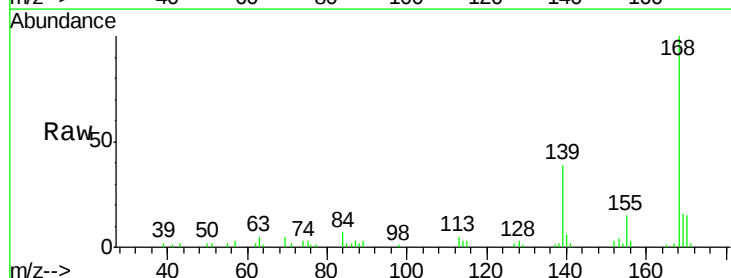
Tgt Ion:168 Resp: 33934

Ion Ratio Lower Upper

168 100

139 39.0 26.4 39.6

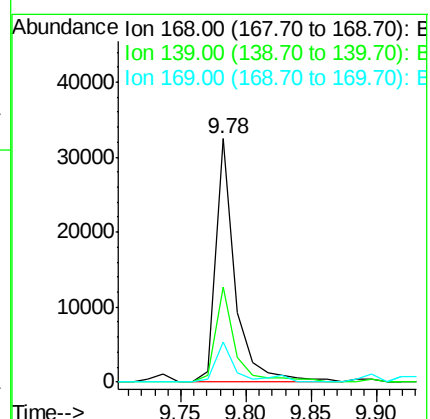
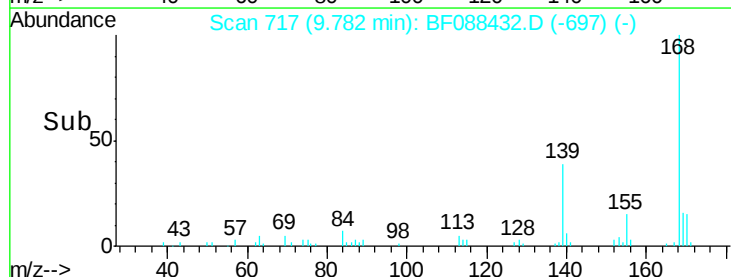
169 16.5 10.4 15.6#

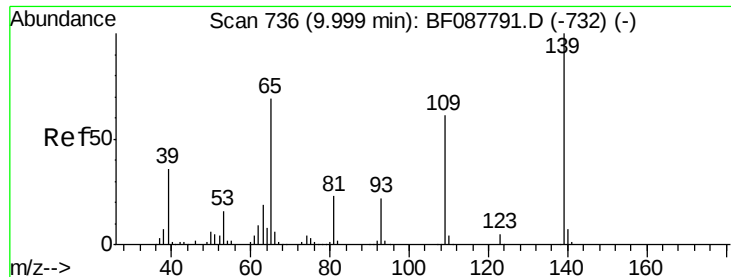


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

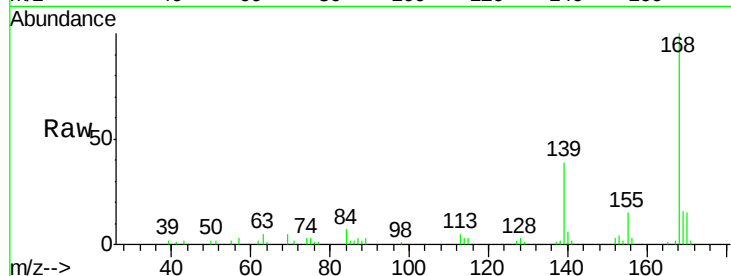




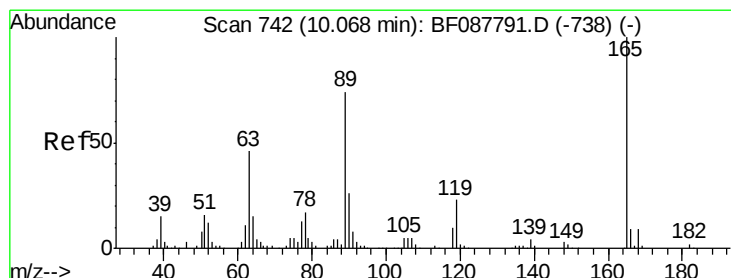
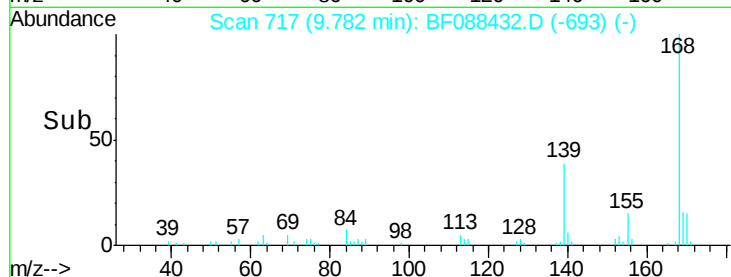
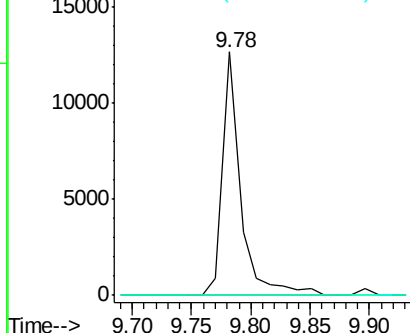
#55
4-Nitrophenol
Concen: 5.93 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

Instrument :
BNA_F
ClientSampleId :
SS-2

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	0.0	84.9	124.9#



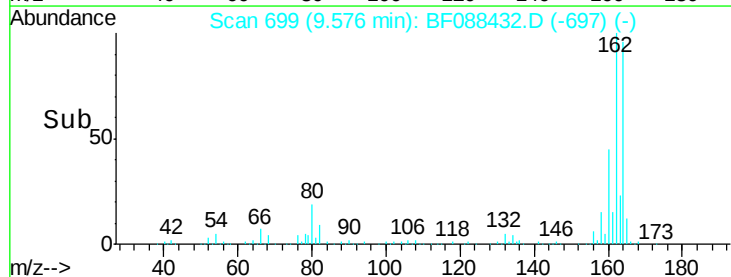
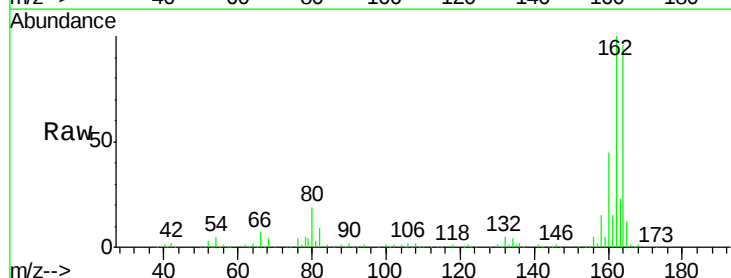
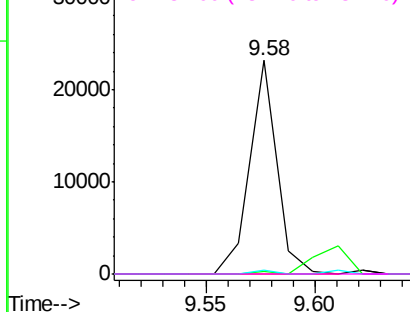
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

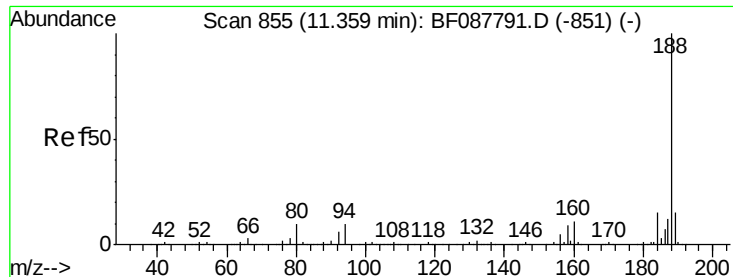


#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.27 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

Tgt Ion	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

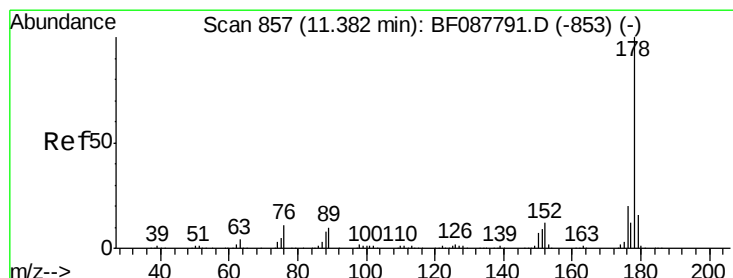
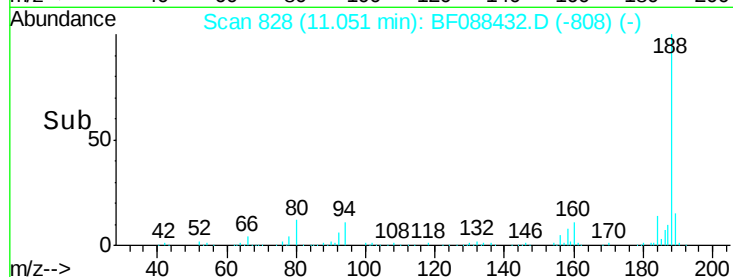
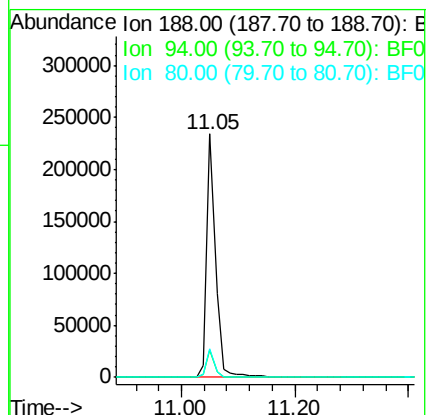
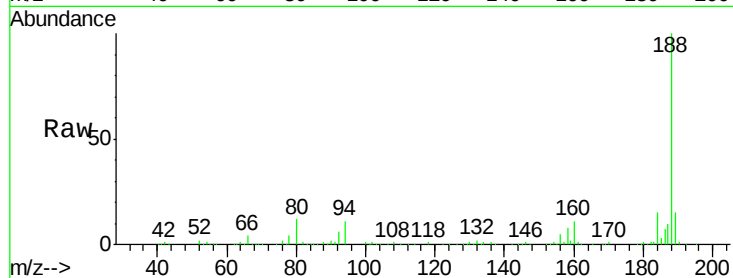




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

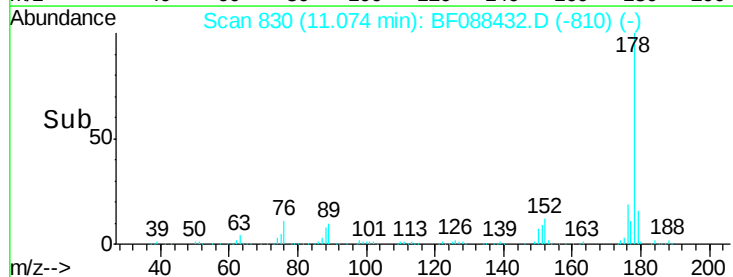
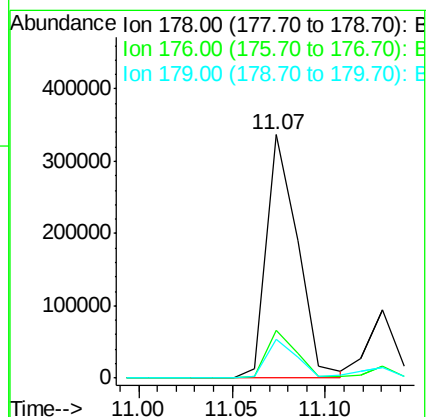
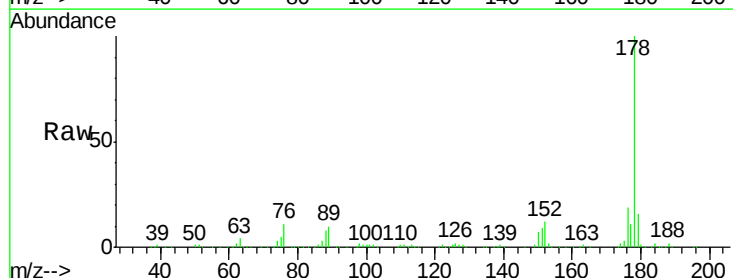
Instrument :
BNA_F
ClientSampleId :
SS-2

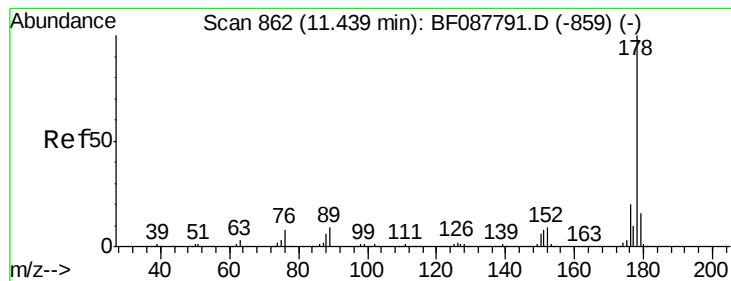
Tot Ion:188 Resp: 242130
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 11.7 10.0 15.0



#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





#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_F

ClientSampleId :

SS-2

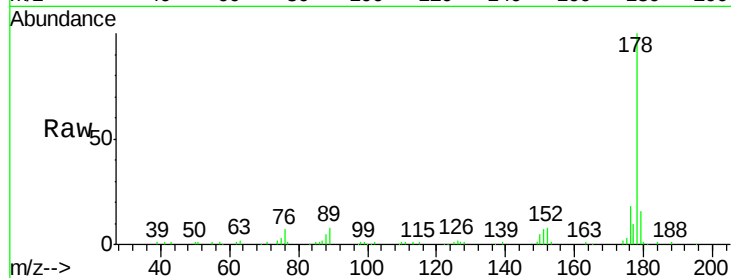
Tot Ion:178 Resp: 110220

Ion Ratio Lower Upper

178 100

176 18.0 15.6 23.4

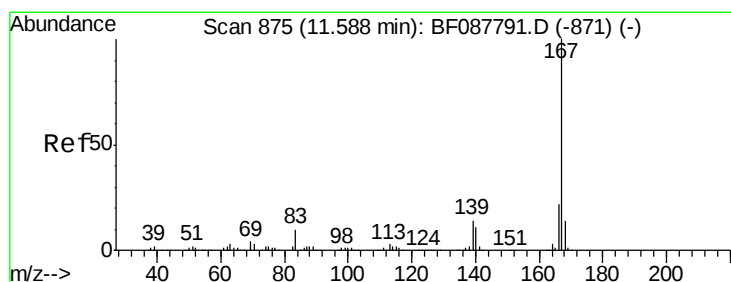
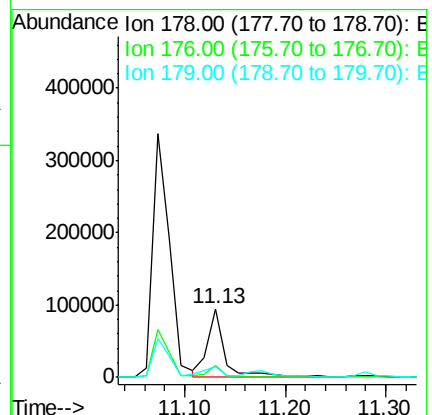
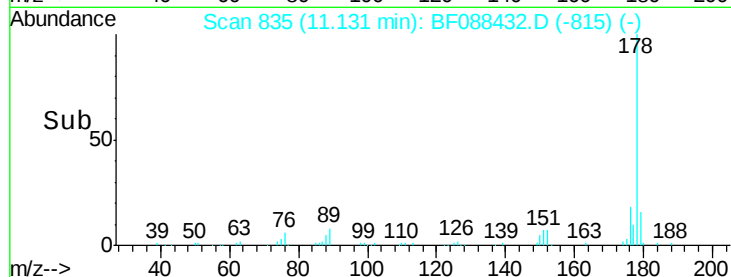
179 15.8 12.8 19.2



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

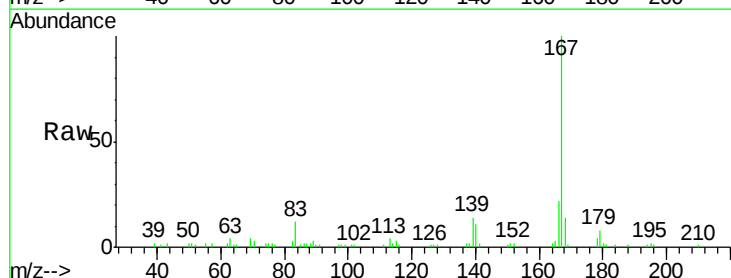
Tgt Ion:167 Resp: 70583

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

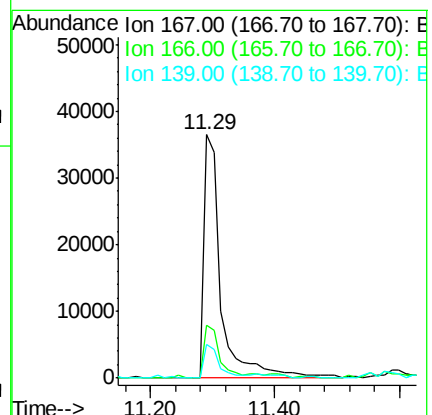
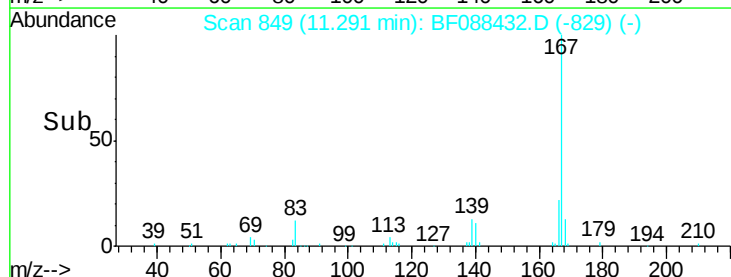
139 13.8 11.2 16.8

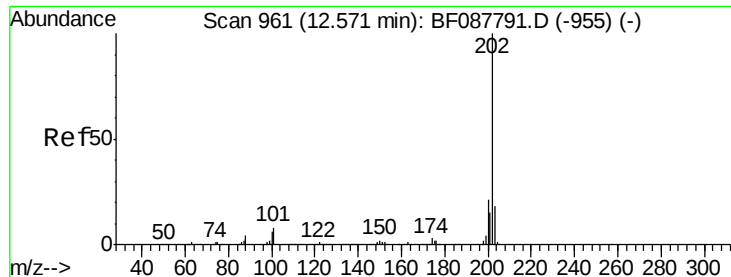


Abundance Ion 167.00 (166.70 to 167.70): E

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_F

ClientSampleId :

SS-2

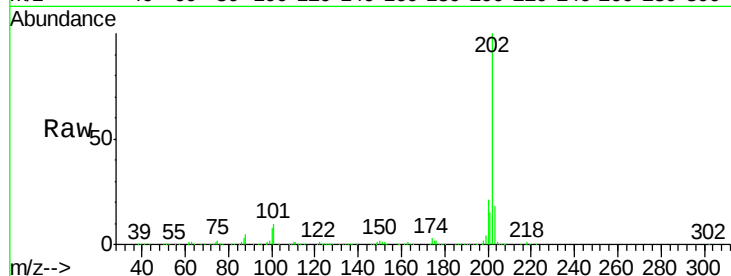
Tot Ion:202 Resp: 561044

Ion Ratio Lower Upper

202 100

101 10.3 0.0 33.1

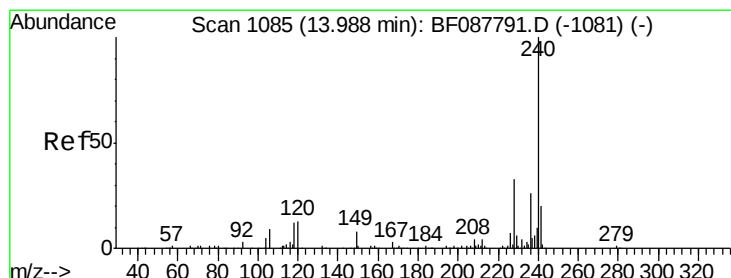
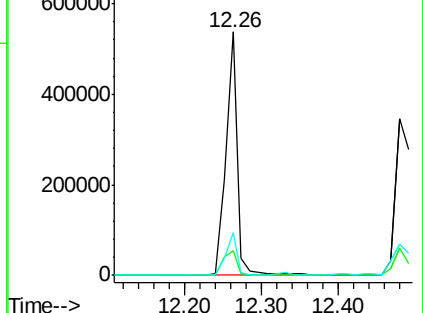
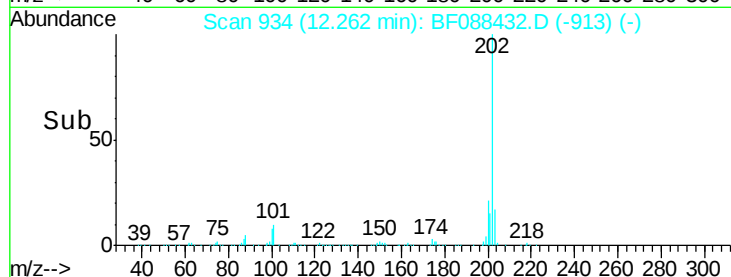
203 17.5 0.0 38.1



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: 13.68 min Scan# 1058

Delta R.T. -0.07 min

Lab File: BF088432.D

Acq: 26 Jun 2016 21:51

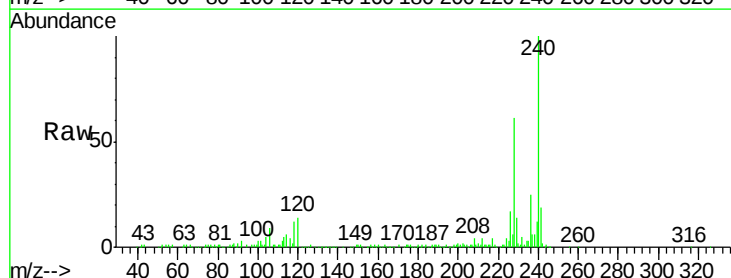
Tgt Ion:240 Resp: 165645

Ion Ratio Lower Upper

240 100

120 13.5 6.8 10.2#

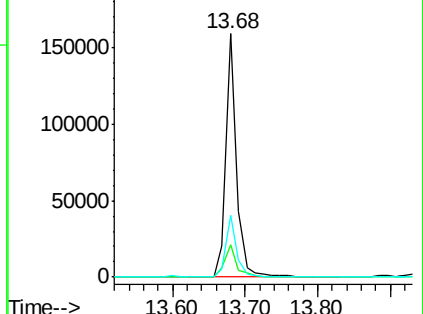
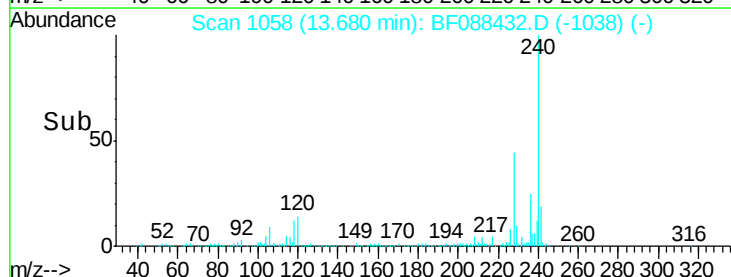
236 25.3 20.2 30.2

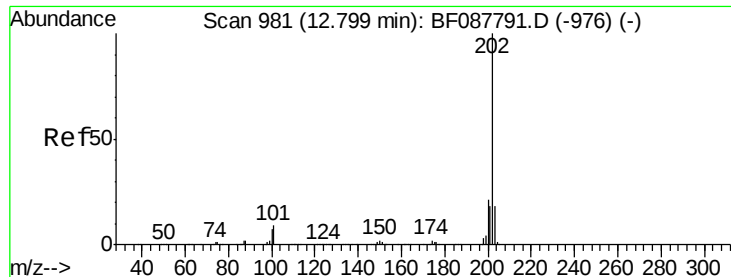


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 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_F

ClientSampleId :

SS-2

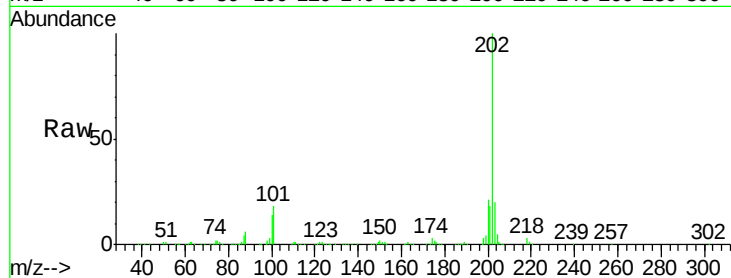
Tot Ion:202 Resp: 474341

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

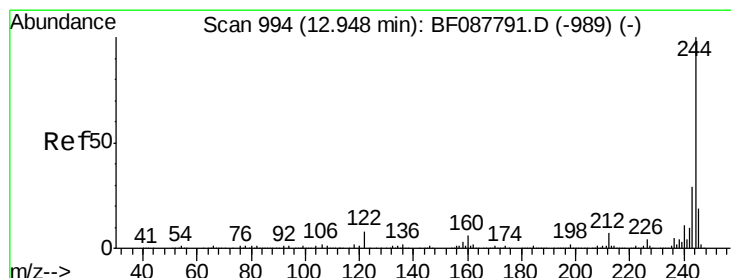
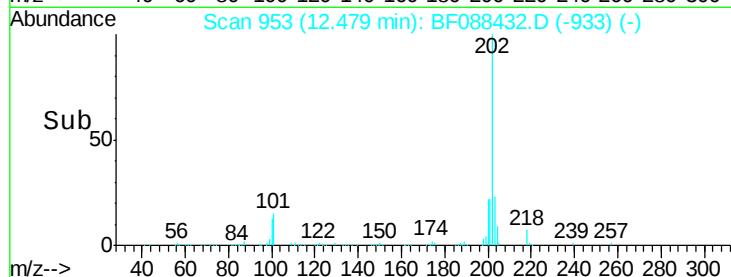
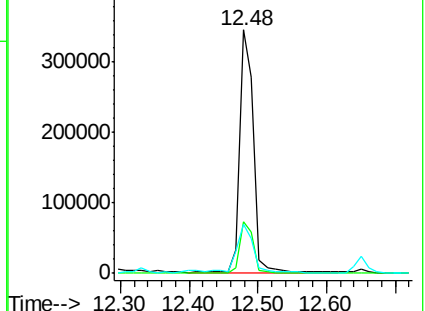
203 20.0 14.5 21.7



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

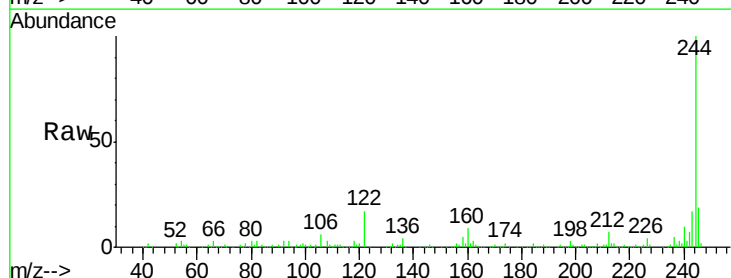
Tgt Ion:244 Resp: 235843

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

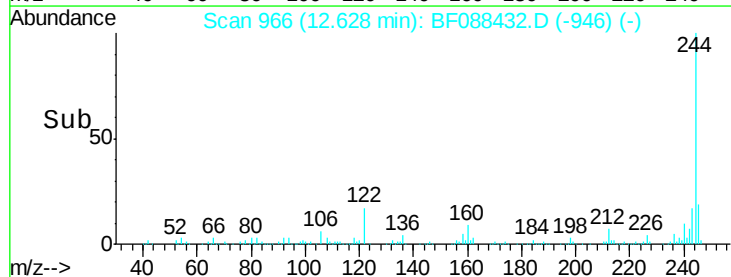
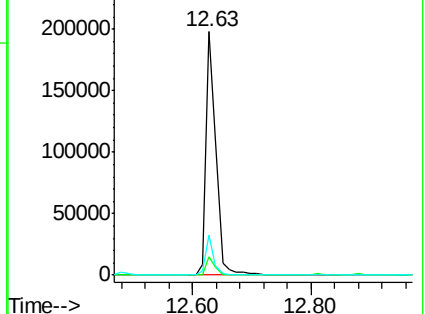
122 16.5 11.2 16.8

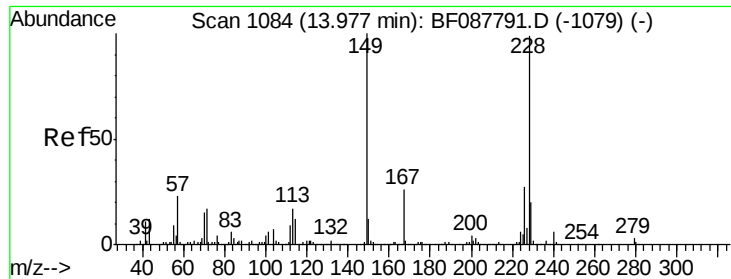


Abundance Ion 244.00 (243.70 to 244.70): E

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_F

ClientSampleId :

SS-2

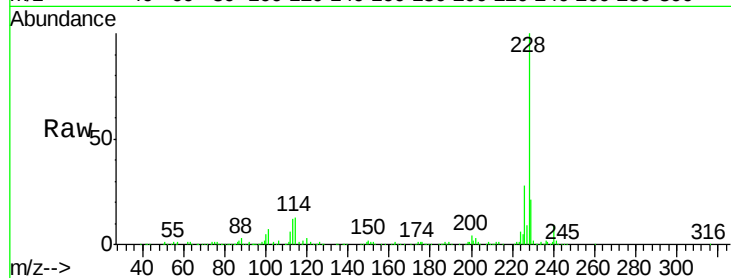
Tot Ion:228 Resp: 301847

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

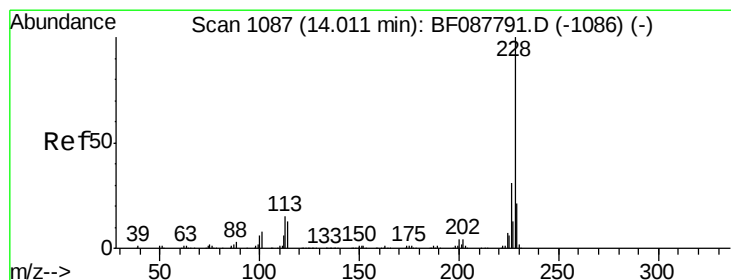
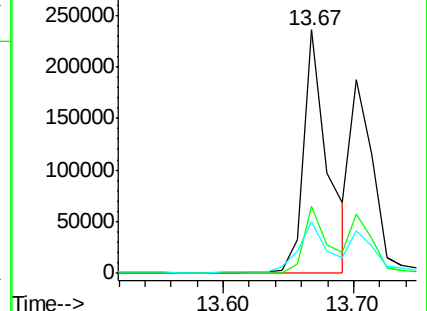
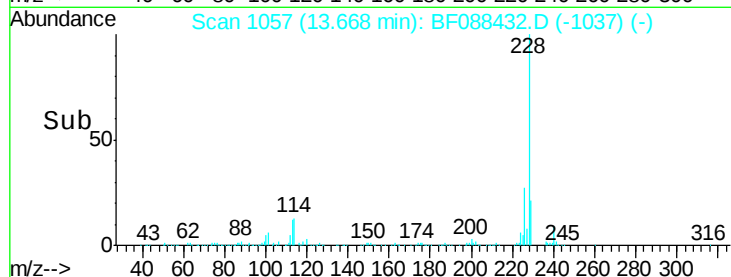
229 21.2 16.0 24.0



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

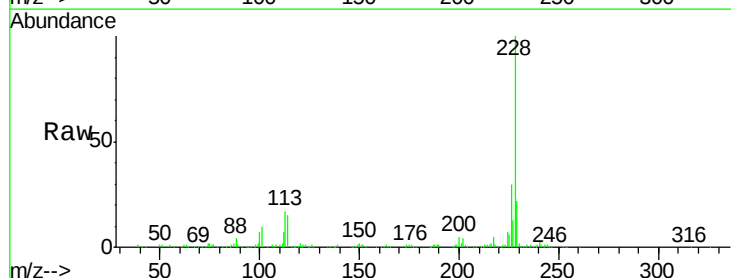
Tgt Ion:228 Resp: 224958

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.2

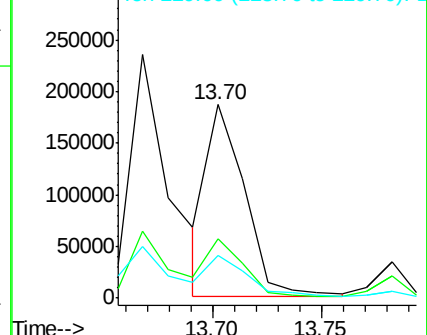
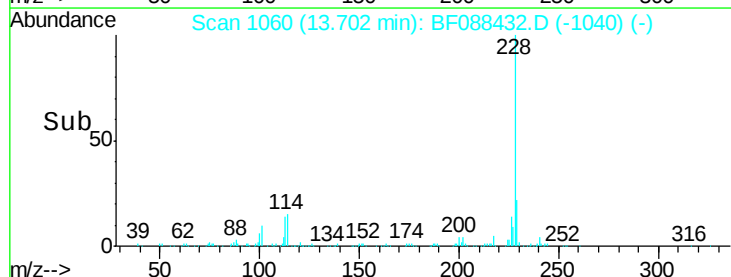
229 22.1 16.3 24.5

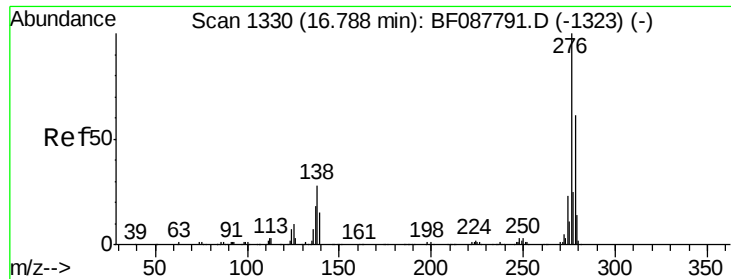


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

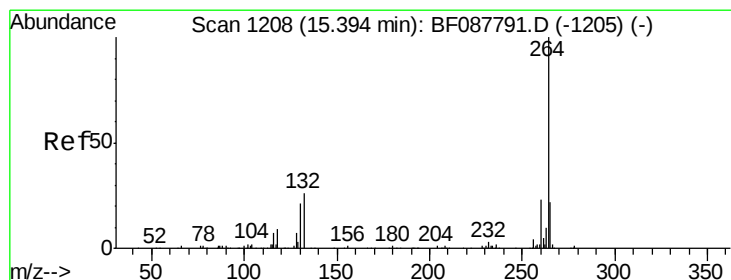
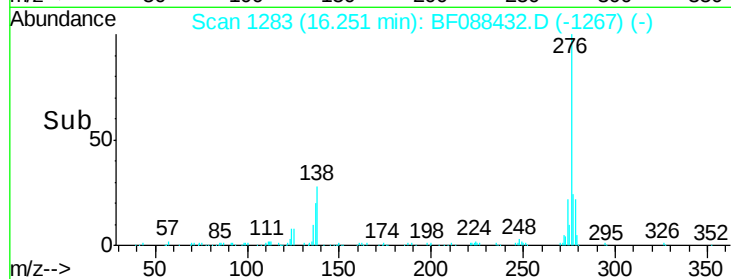
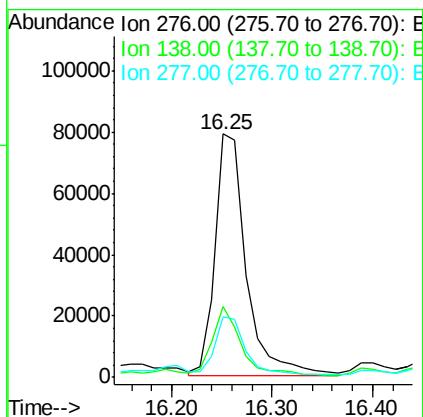
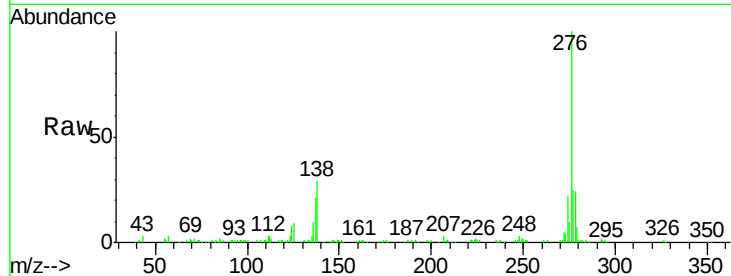




#85
Indeno(1,2,3-cd)pyrene
Concen: 20.64 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.11 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

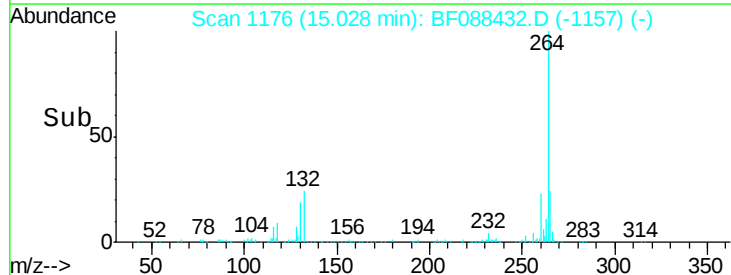
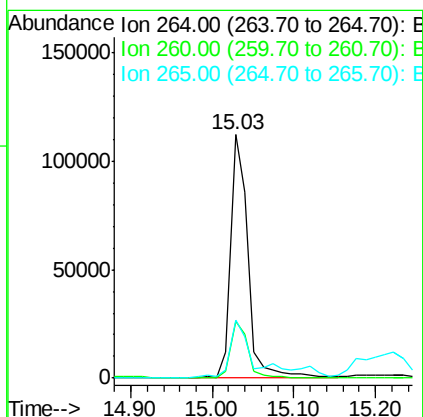
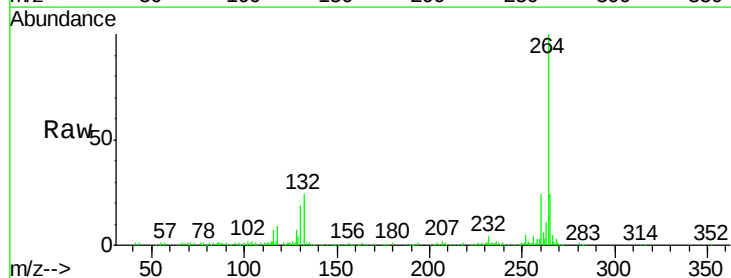
Instrument :
BNA_F
ClientSampled :
SS-2

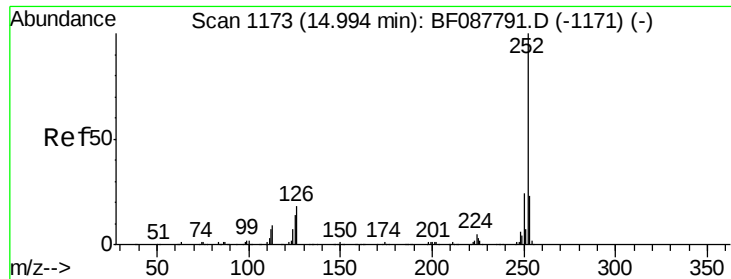
Tot Ion:276 Resp: 170257
Ion Ratio Lower Upper
276 100
138 27.1 0.0 0.0#
277 23.2 0.0 0.0#



#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_F

ClientSampleId :

SS-2

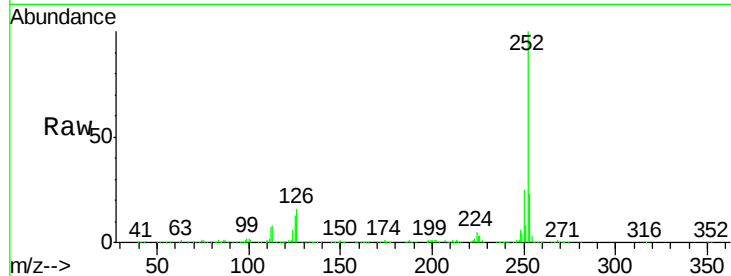
Tot Ion:252 Resp: 528395

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

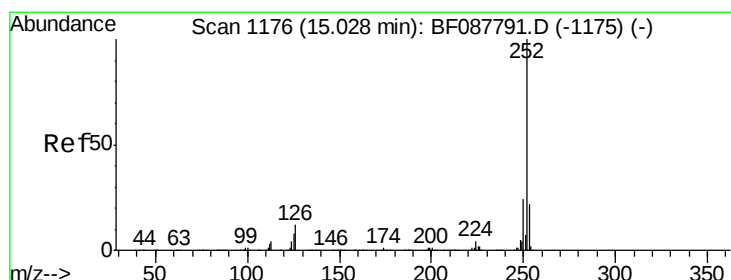
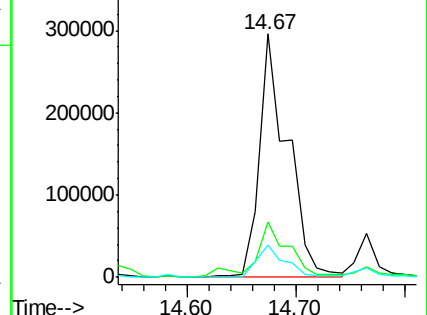
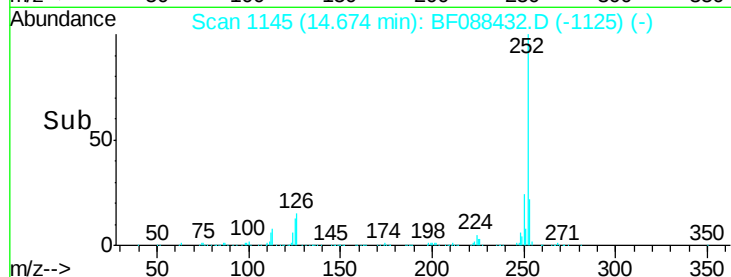
125 13.5 7.1 10.7#



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

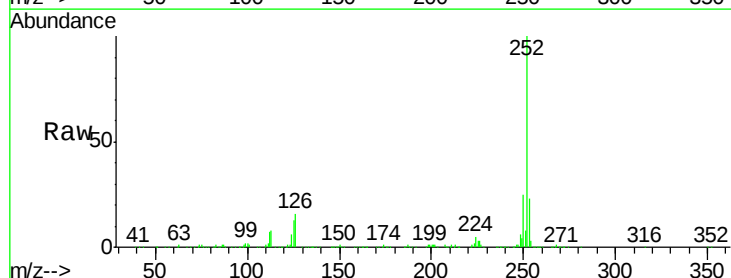
Tgt Ion:252 Resp: 528395

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

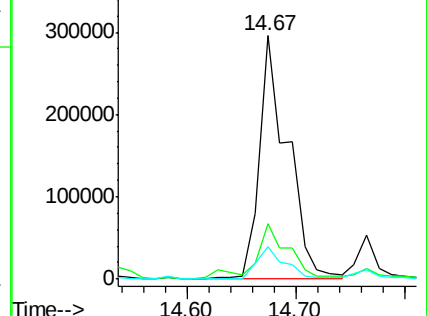
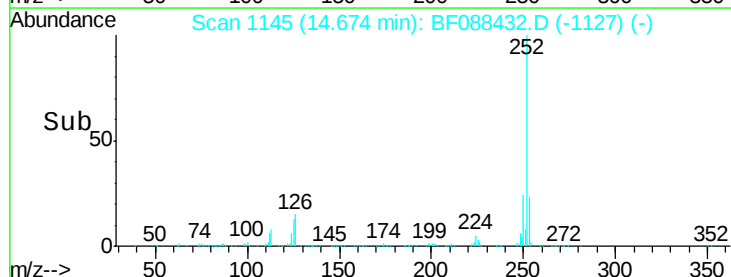
125 13.5 11.2 16.8

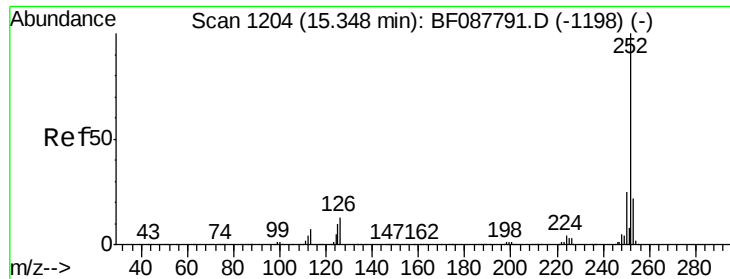


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

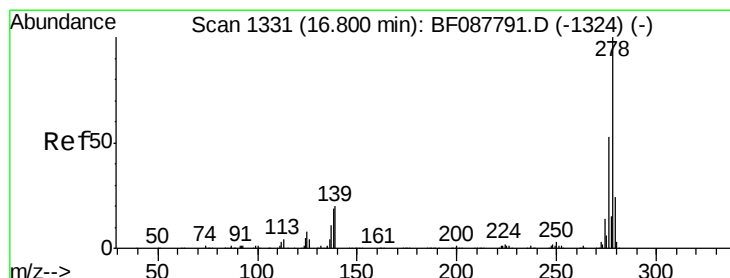
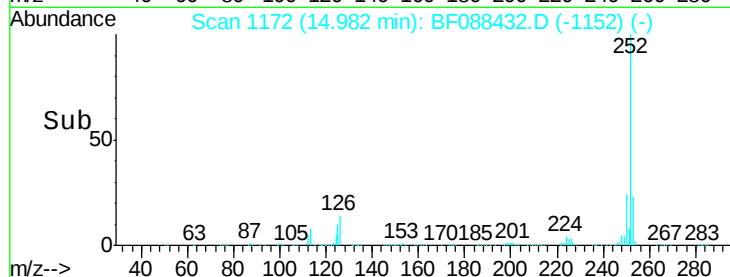
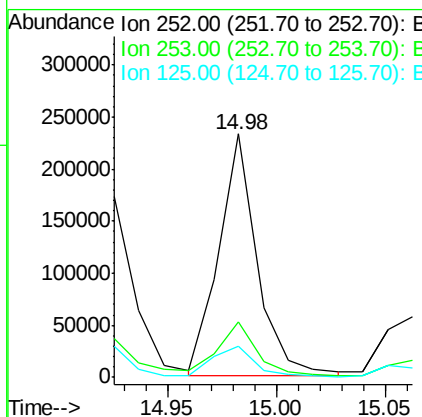
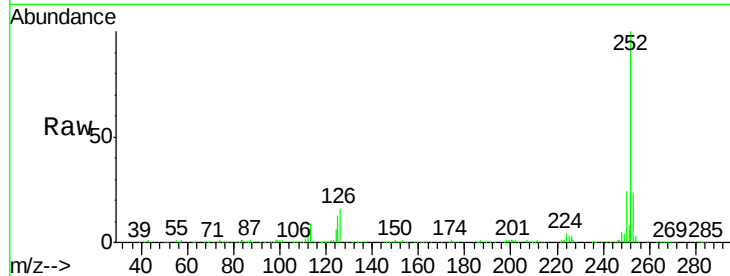




#89
Benzo(a)pyrene
Concen: 30.52 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088432.D
Acq: 26 Jun 2016 21:51

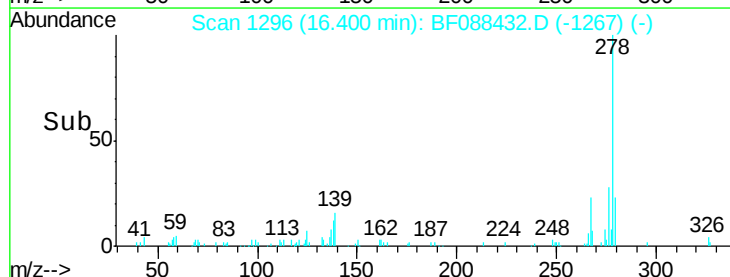
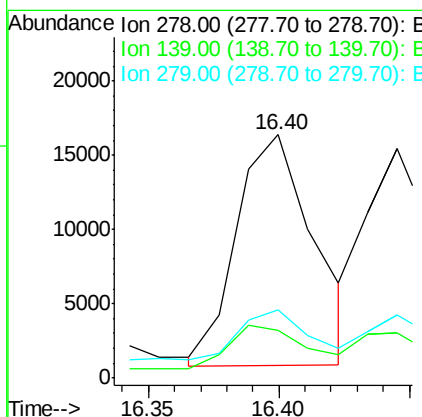
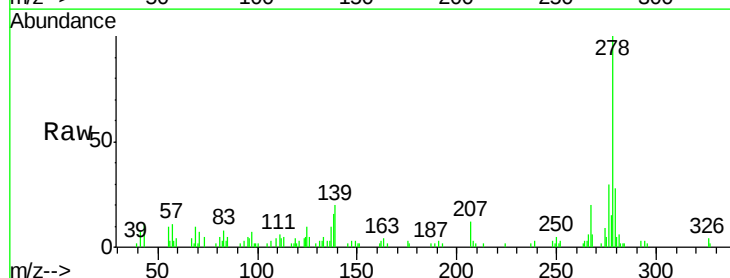
Instrument :
BNA_F
ClientSampleId :
SS-2

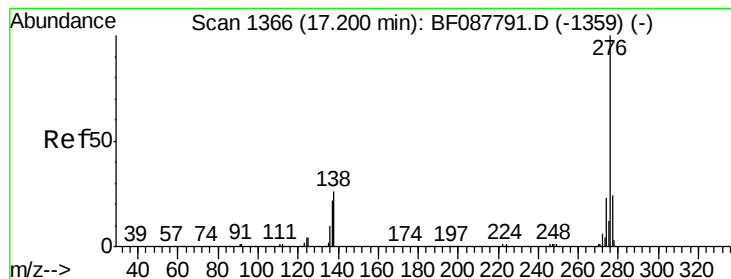
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.5	12.5	18.7



#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_F

ClientSampleId :

SS-2

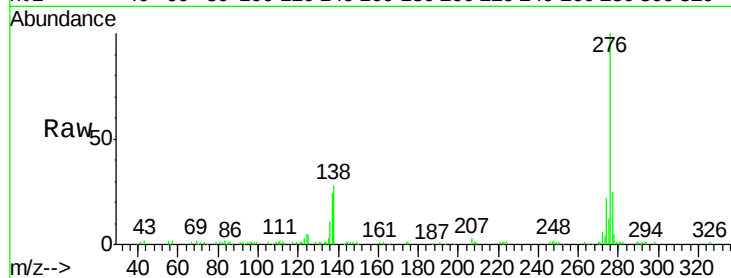
Tot Ion: 276 Resp: 159448

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

