

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084841.D
 Acq On : 4 Feb 2016 21:08
 Operator : SJ/IZ
 Sample : H1320-11 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(6-8)

Quant Time: Feb 05 01:39:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	159851	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	649554	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	283770	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	465797	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	322036	20.00	ng	-0.01
86) Perylene-d12	15.20	264	321425	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	192753	18.78	ng	-0.02
7) Phenol-d6	6.32	99	405268	31.85	ng	-0.02
23) Nitrobenzene-d5	7.24	82	239412	20.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	29084	9.83	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	378633	16.98	ng	-0.02
78) Terphenyl-d14	12.77	244	274863	19.34	ng	-0.02

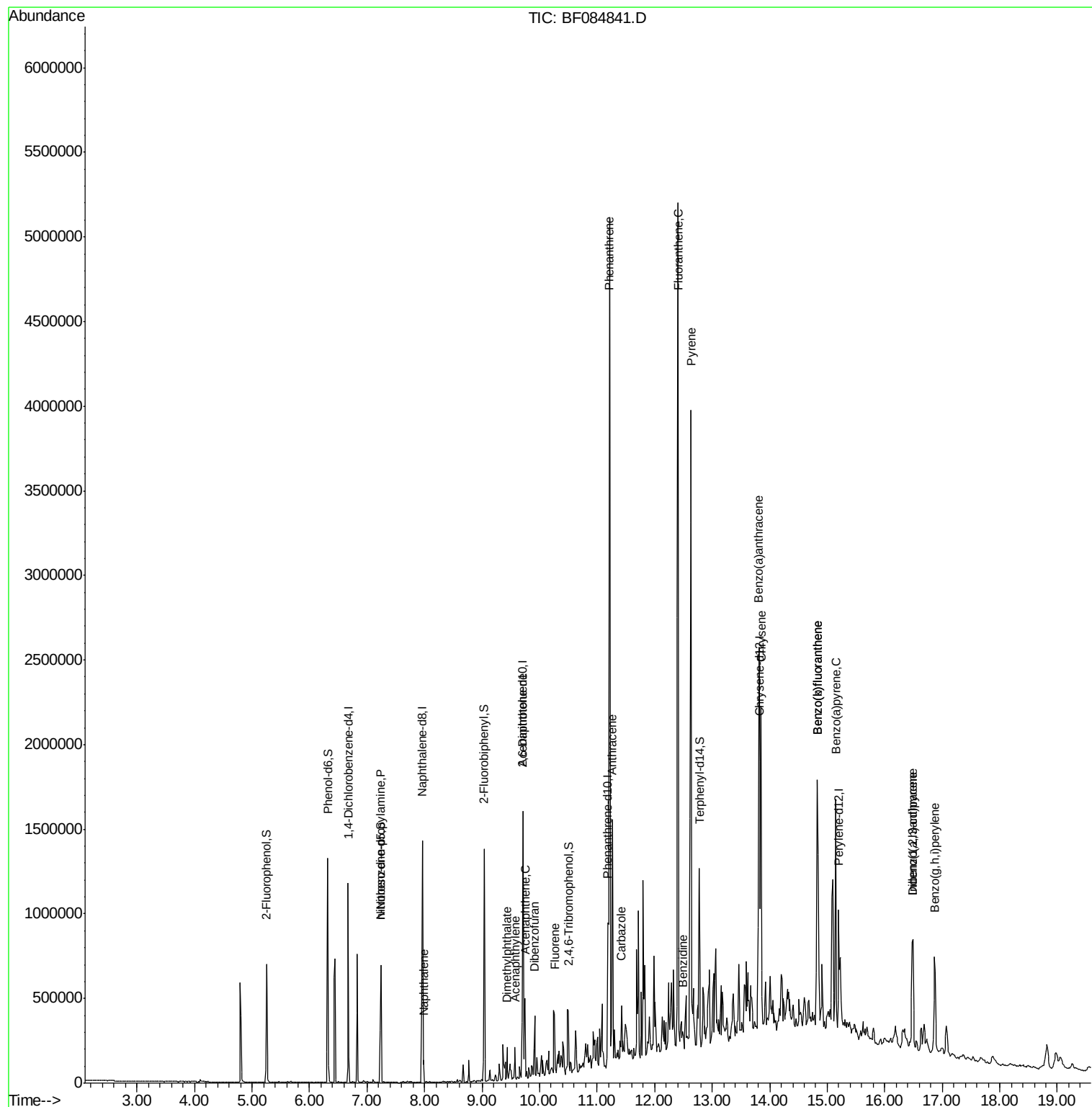
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.24	70	30647	3.84	ng	# 75
31) Naphthalene	7.98	128	68076	2.09	ng	96
48) Acenaphthylene	9.57	152	82489	2.91	ng	95
49) Dimethylphthalate	9.44	163	64690	2.99	ng	# 91
50) 2,6-Dinitrotoluene	9.71	165	40793	8.64	ng	# 38
51) Acenaphthene	9.74	154	125781	6.83	ng	97
54) Dibenzofuran	9.92	168	125569	5.58	ng	# 96
57) Fluorene	10.26	166	145853	7.75	ng	99
60) 4-Chlorophenyl-phenylether	10.09	204	523	Below Cal		# 75
70) Phenanthrene	11.22	178	1894271	73.32	ng	96
71) Anthracene	11.26	178	531052	20.40	ng	99
72) Carbazole	11.42	167	116045	5.11	ng	98
74) Fluoranthene	12.41	202	2234831	85.47	ng	96
76) Benzidine	12.49	184	1175	6.96	ng	# 1
77) Pyrene	12.64	202	2198139	89.15	ng	98
80) Benzo(a)anthracene	13.81	228	991589	49.61	ng	96
82) Chrysene	13.85	228	606728	31.30	ng	97
85) Indeno(1,2,3-cd)pyrene	16.49	276	452486	29.66	ng	95
87) Benzo(b)fluoranthene	14.83	252	1244938	57.65	ng	# 97
88) Benzo(k)fluoranthene	14.83	252	1244938	69.72	ng	99
89) Benzo(a)pyrene	15.15	252	774294	42.08	ng	96
90) Dibenz(a,h)anthracene	16.49	278	129023	8.33	ng	# 93
91) Benzo(g,h,i)perylene	16.87	276	454025	29.10	ng	98

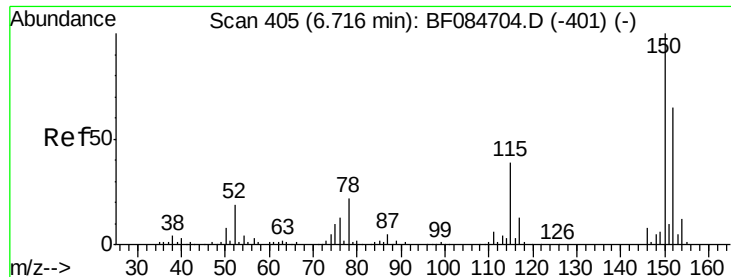
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

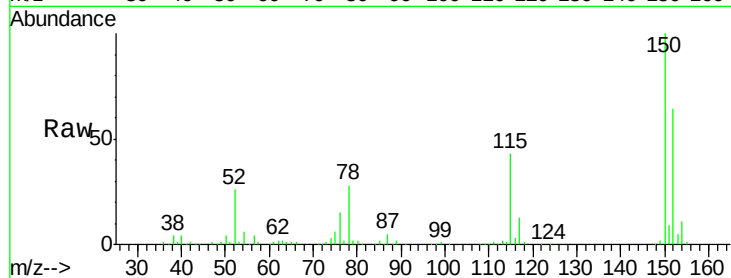
Tgt Ion:152 Resp: 159851

Ion Ratio Lower Upper

152 100

150 155.7 123.0 184.4

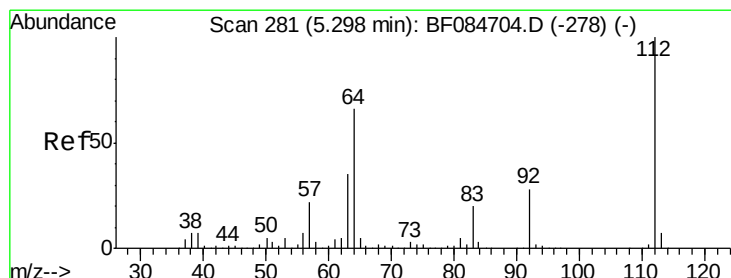
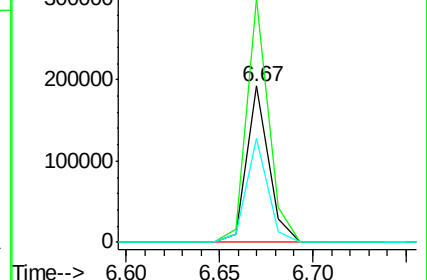
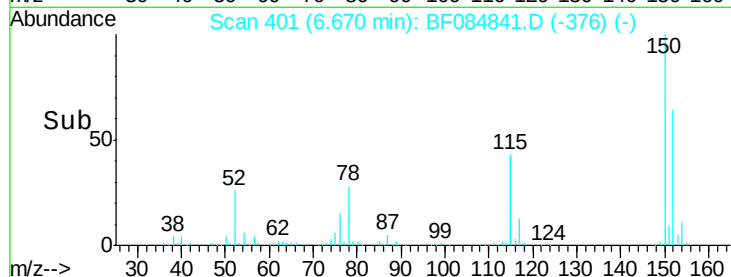
115 66.2 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 18.78 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

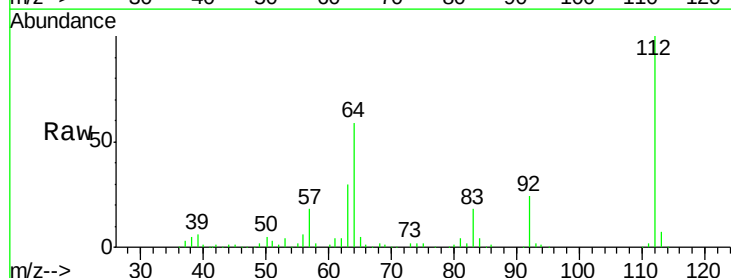
Tgt Ion:112 Resp: 192753

Ion Ratio Lower Upper

112 100

64 58.6 36.6 55.0#

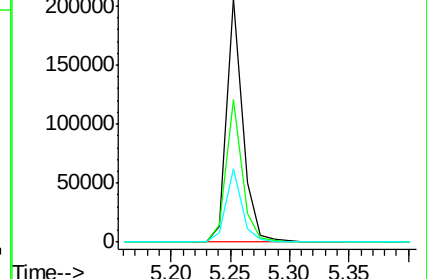
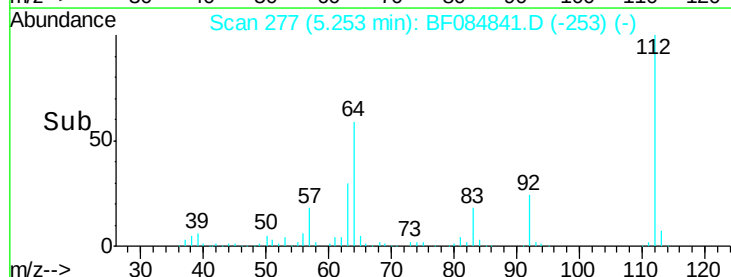
63 30.2 19.4 29.0#

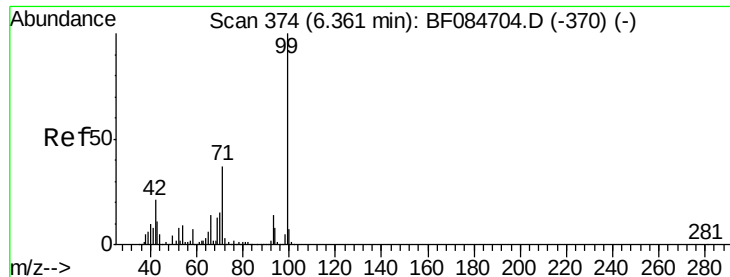


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.85 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

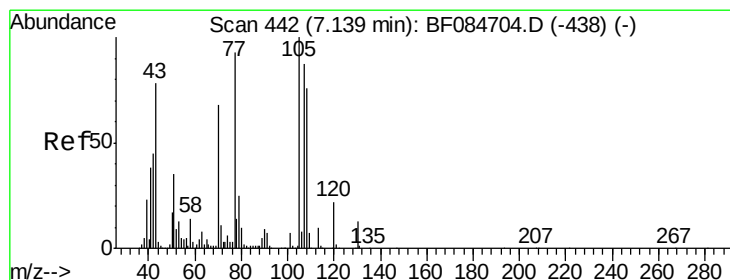
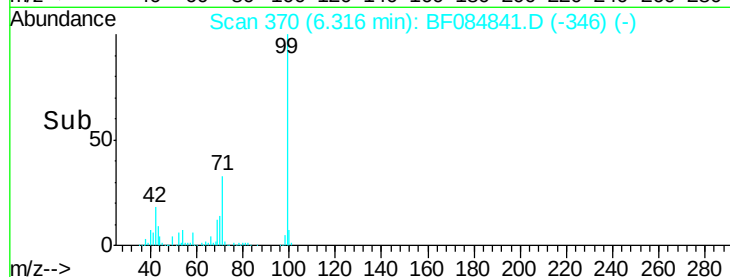
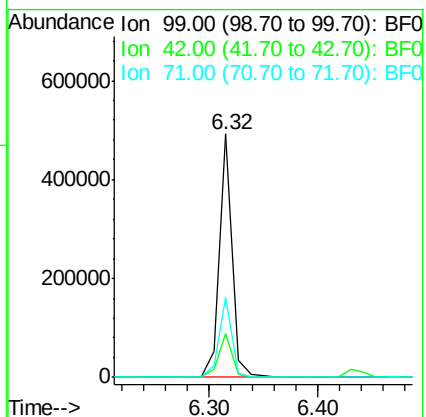
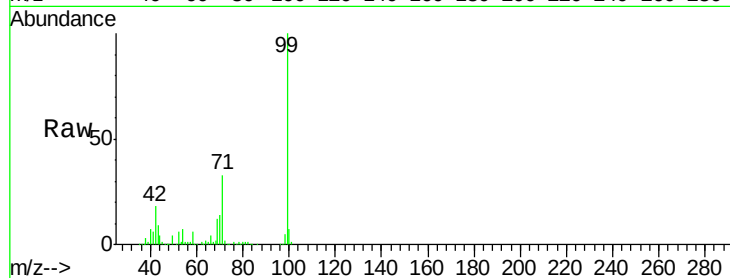
Tgt Ion: 99 Resp: 405268

Ion Ratio Lower Upper

99 100

42 17.9 12.8 19.2

71 33.0 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 3.84 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.13 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Tgt Ion: 70 Resp: 30647

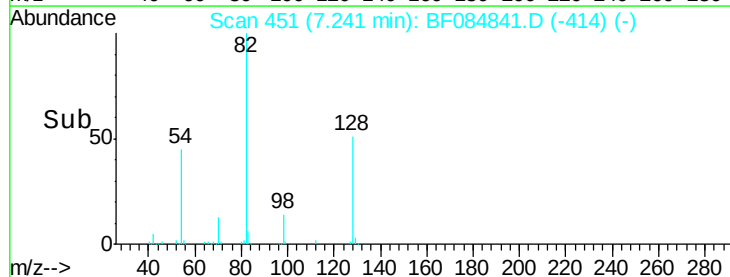
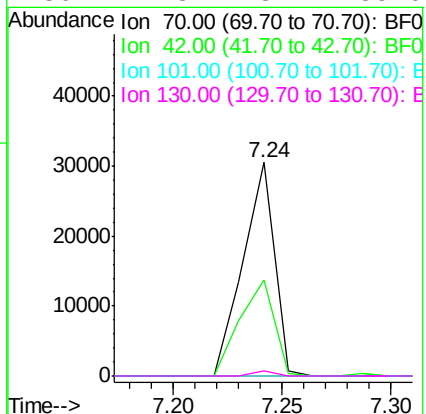
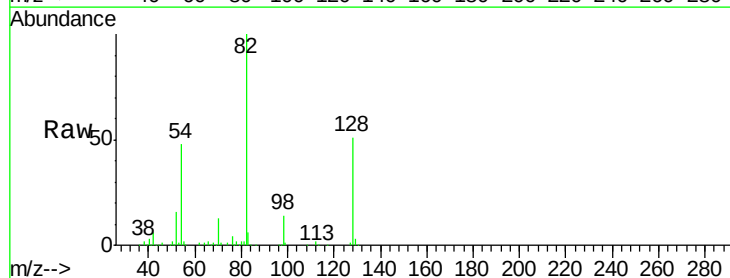
Ion Ratio Lower Upper

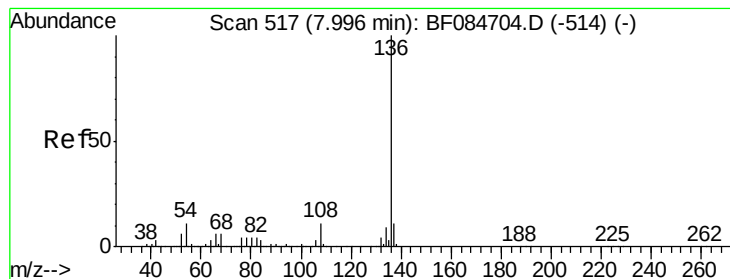
70 100

42 44.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.3 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

Tgt Ion: 136 Resp: 649554

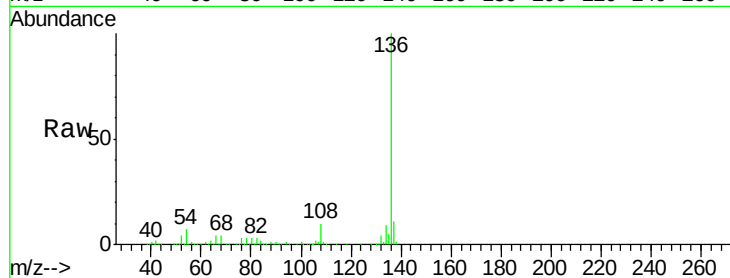
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.0 5.8 8.8

68 4.3 4.2 6.2

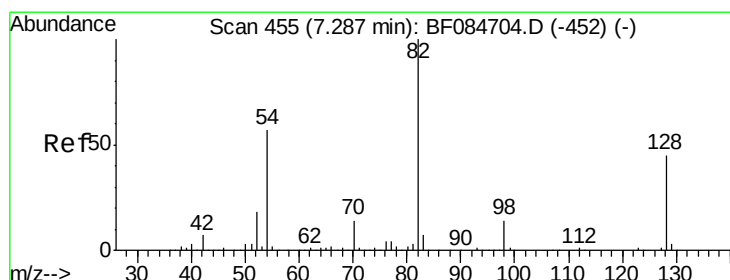
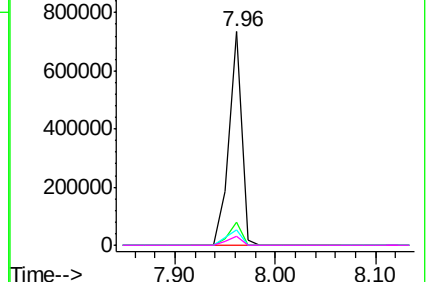
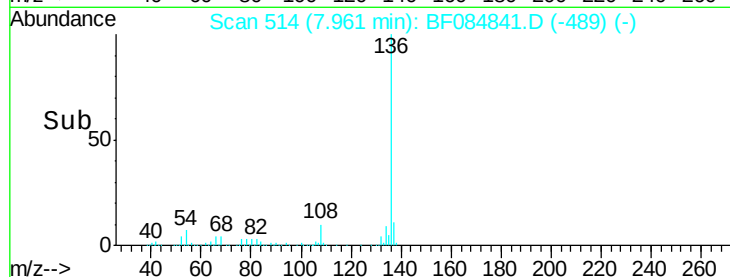


Abundance Ion 136.00 (135.70 to 136.70): E

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: 20.76 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

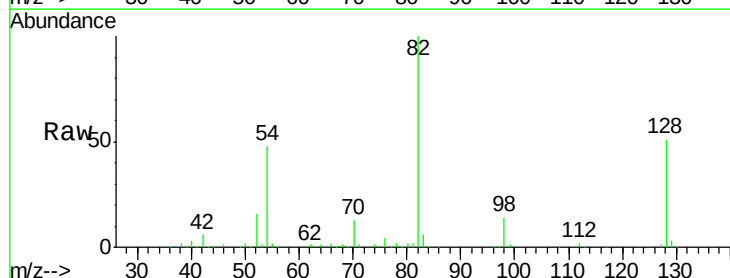
Tgt Ion: 82 Resp: 239412

Ion Ratio Lower Upper

82 100

128 50.8 34.6 51.8

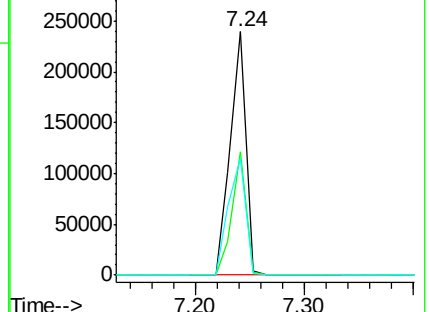
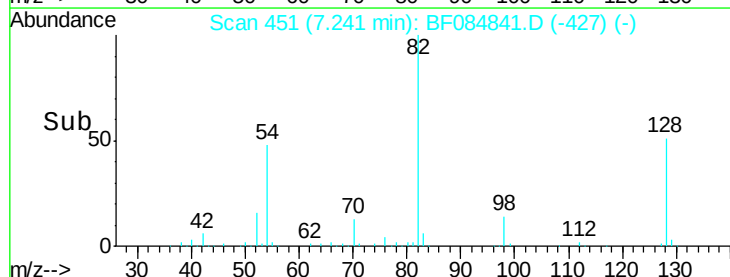
54 48.2 38.4 57.6

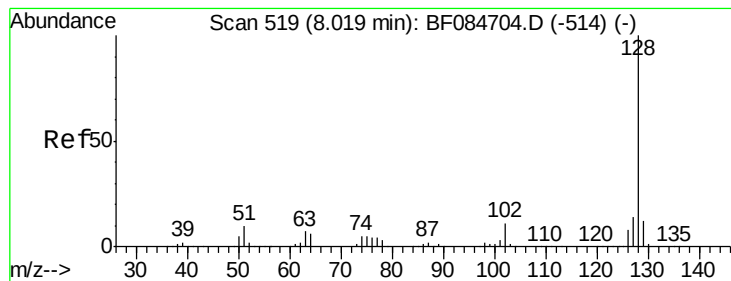


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.09 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

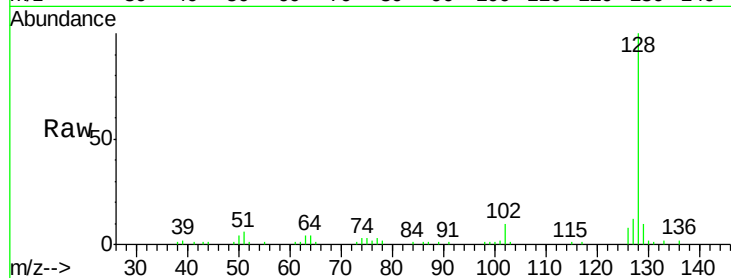
Tgt Ion:128 Resp: 68076

Ion Ratio Lower Upper

128 100

129 10.5 9.1 13.7

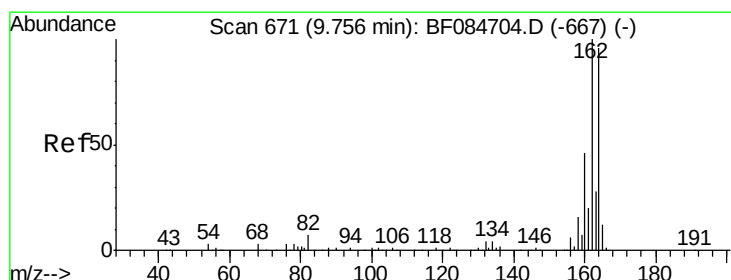
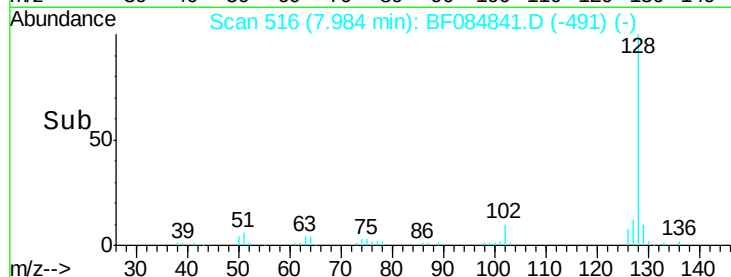
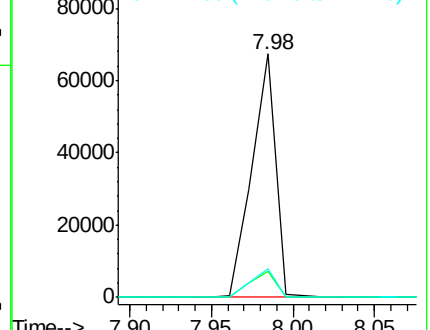
127 11.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

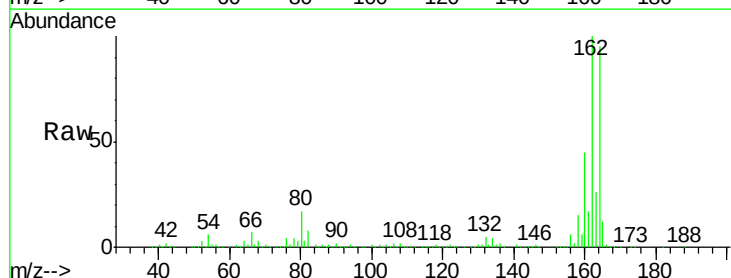
Tgt Ion:164 Resp: 283770

Ion Ratio Lower Upper

164 100

162 104.9 85.1 127.7

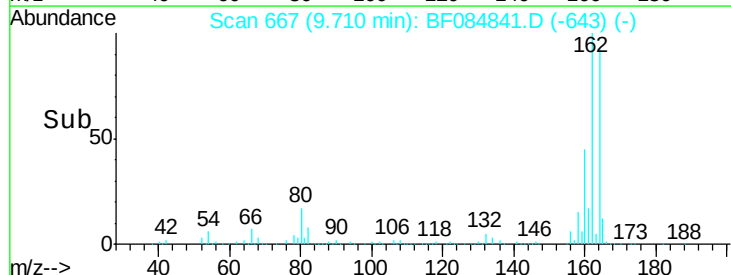
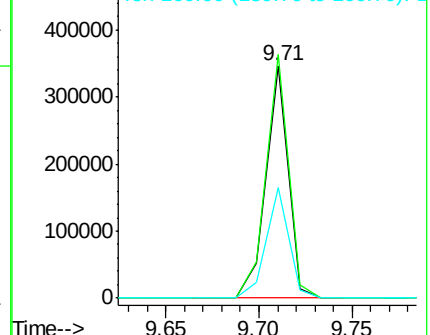
160 47.5 37.5 56.3

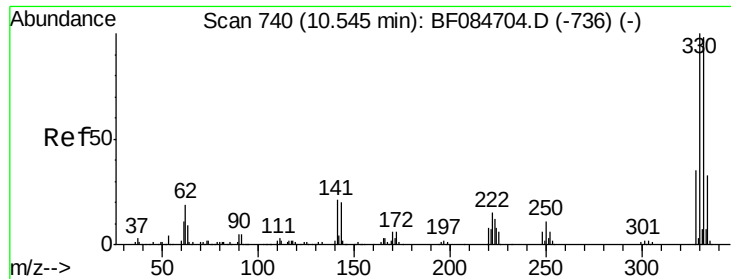


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

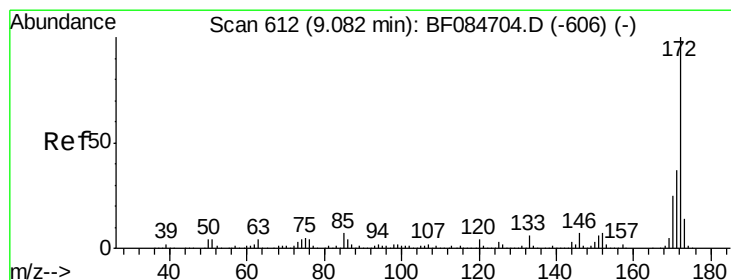
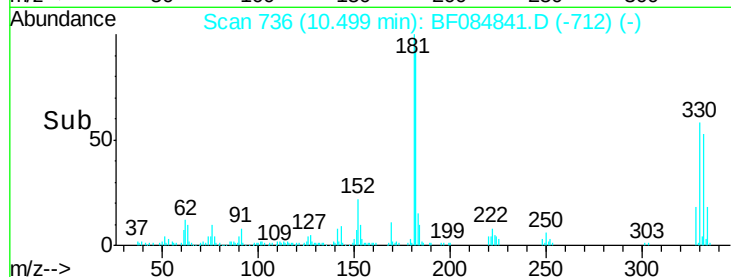
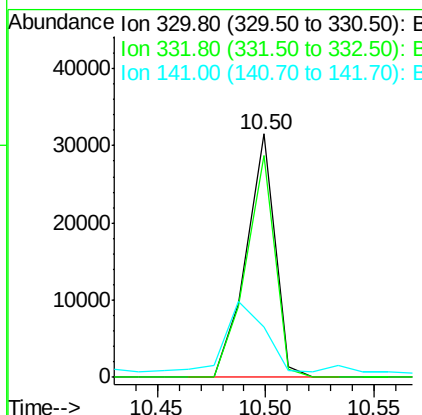
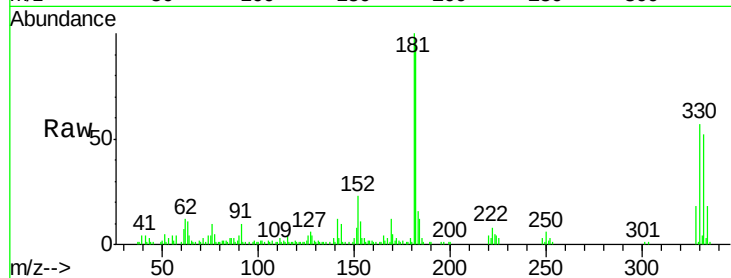




#41
 2,4,6-Tribromophenol
 Concen: 9.83 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084841.D
 Acq: 4 Feb 2016 21:08

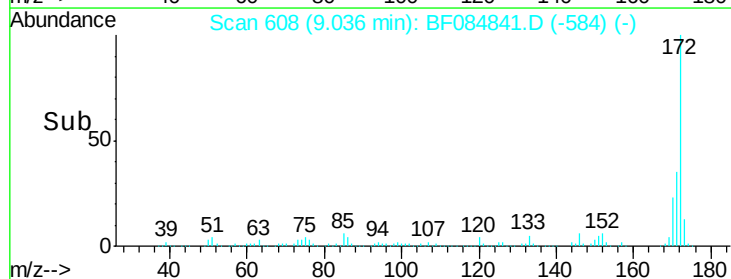
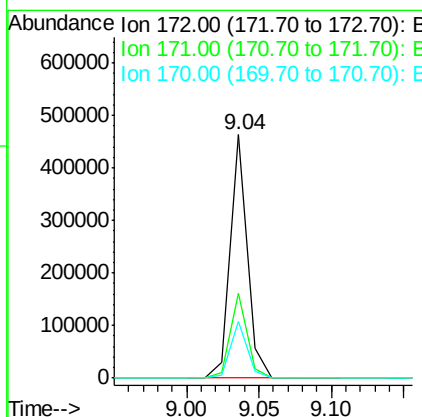
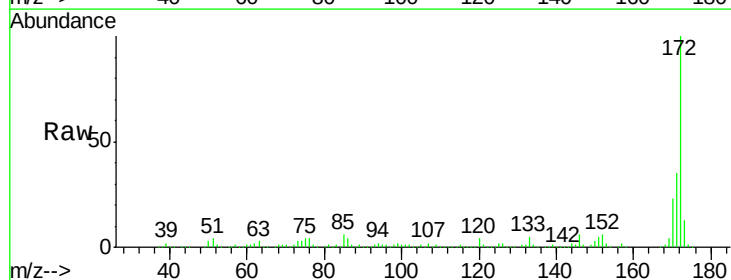
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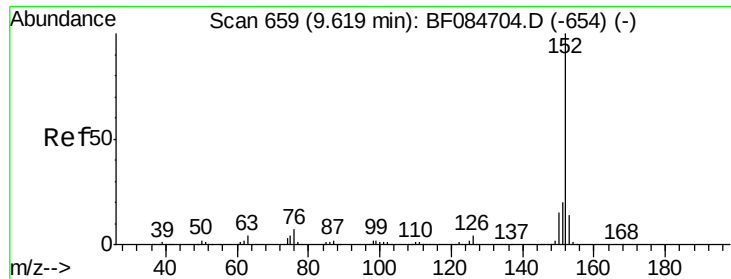
Tgt Ion:330 Resp: 29084
 Ion Ratio Lower Upper
 330 100
 332 92.1 76.6 114.8
 141 38.0 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 16.98 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084841.D
 Acq: 4 Feb 2016 21:08

Tgt Ion:172 Resp: 378633
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.9 43.3
 170 23.4 18.6 27.8





#48

Acenaphthylene

Concen: 2.91 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

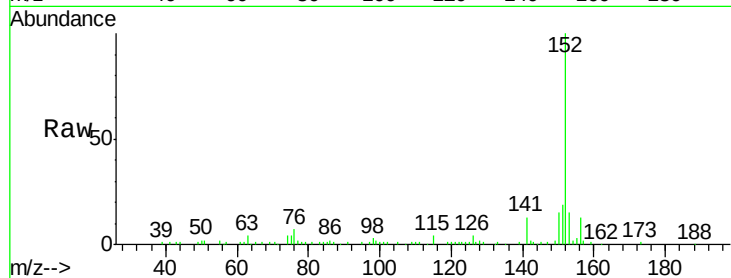
Tgt Ion:152 Resp: 82489

Ion Ratio Lower Upper

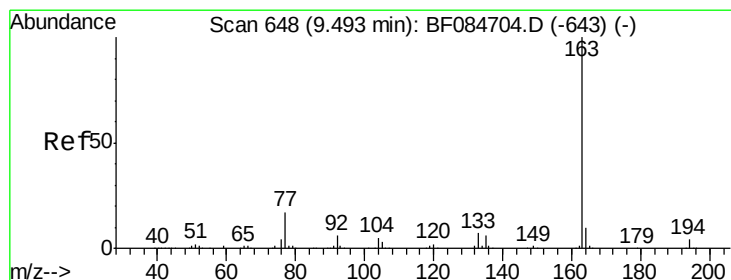
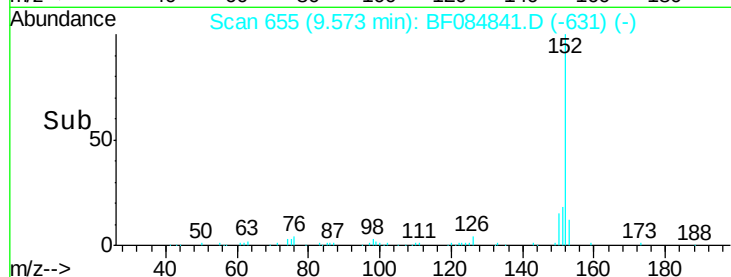
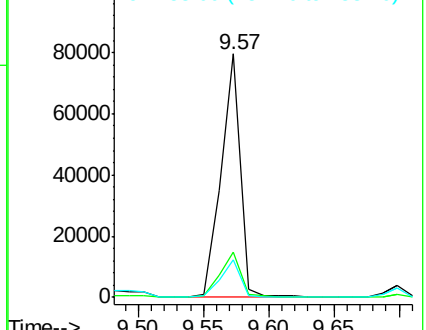
152 100

151 18.7 16.3 24.5

153 15.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.99 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

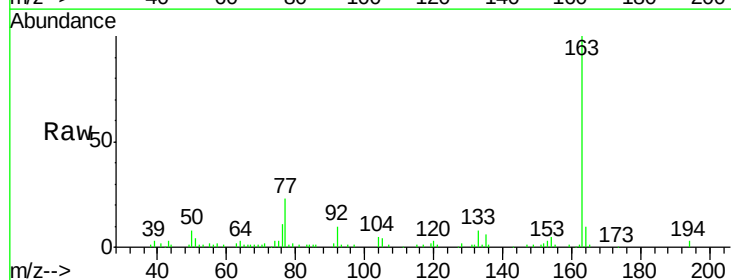
Tgt Ion:163 Resp: 64690

Ion Ratio Lower Upper

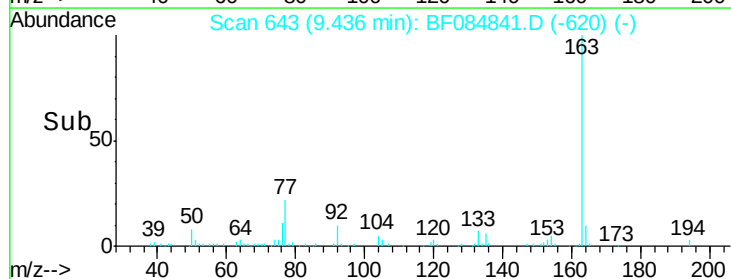
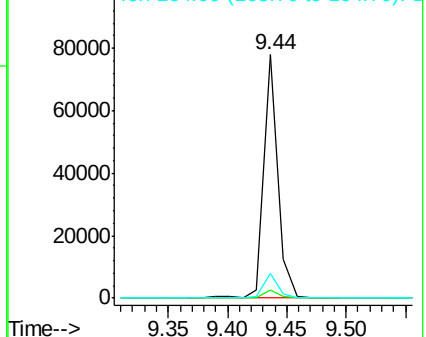
163 100

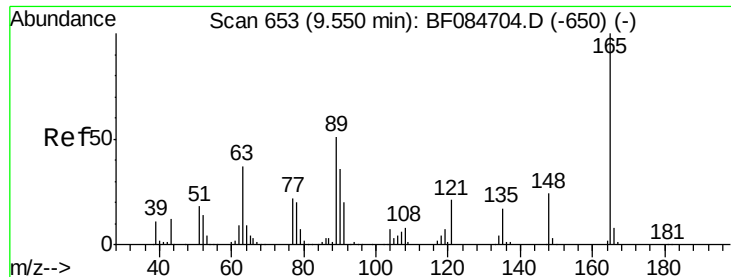
194 3.3 8.0 12.0#

164 10.2 8.0 12.0



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: 8.64 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.18 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

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S4-B013(6-8)

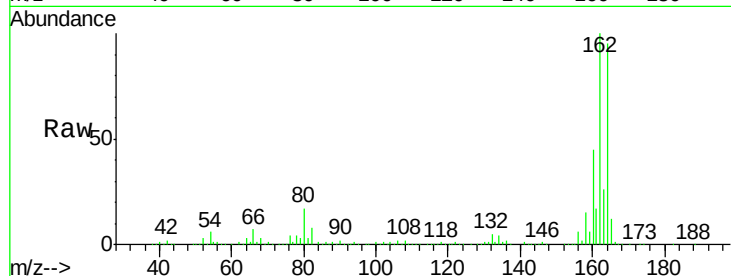
Tgt Ion:165 Resp: 40793

Ion Ratio Lower Upper

165 100

63 1.7 28.8 43.2#

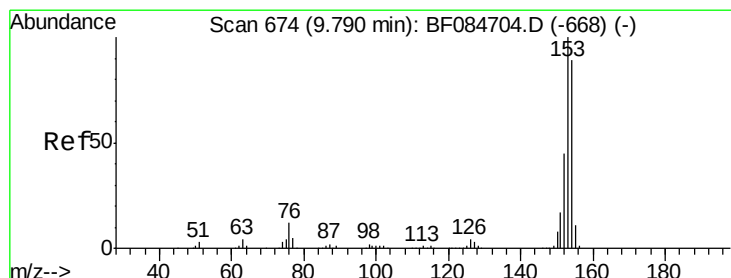
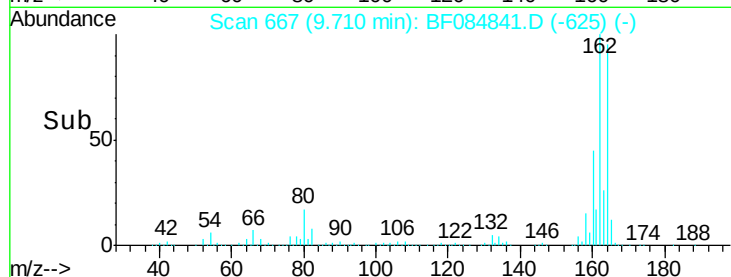
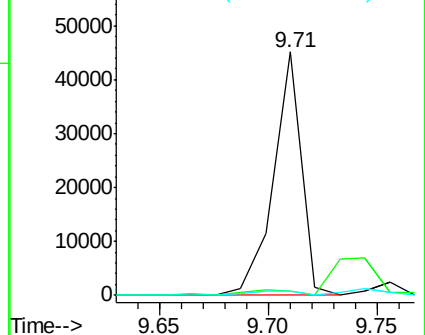
89 1.9 35.1 52.7#



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: 6.83 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

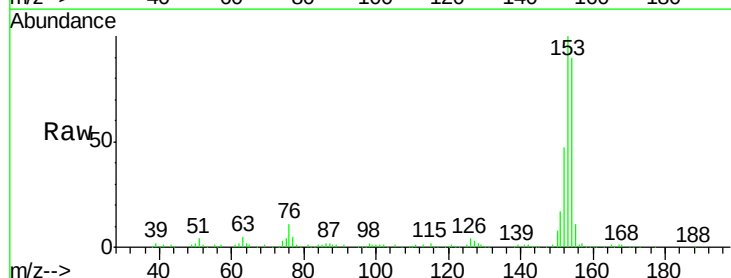
Tgt Ion:154 Resp: 125781

Ion Ratio Lower Upper

154 100

153 110.7 91.5 137.3

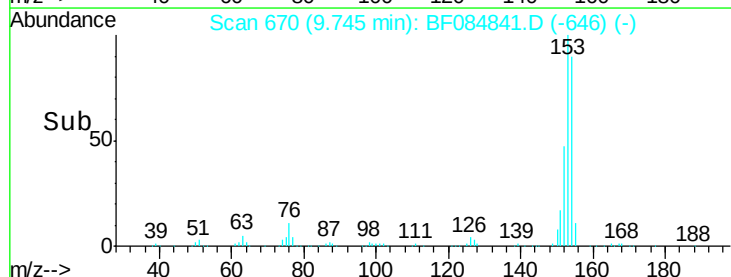
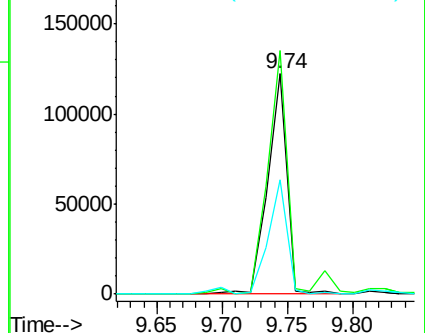
152 51.9 43.0 64.6

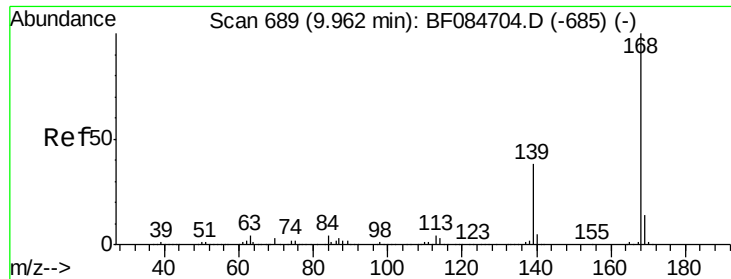


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 5.58 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

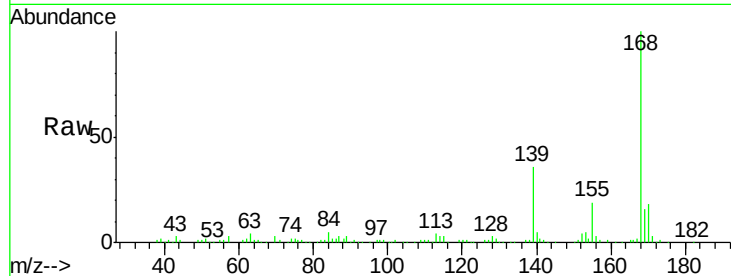
Tgt Ion:168 Resp: 125569

Ion Ratio Lower Upper

168 100

139 36.4 30.5 45.7

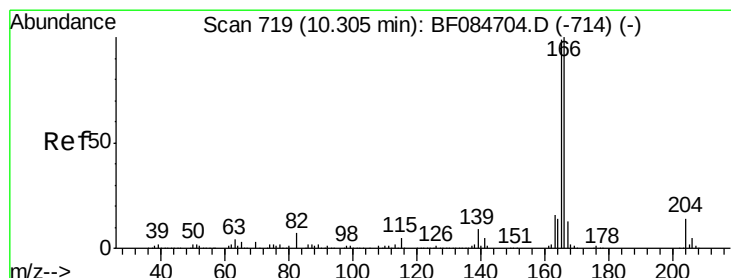
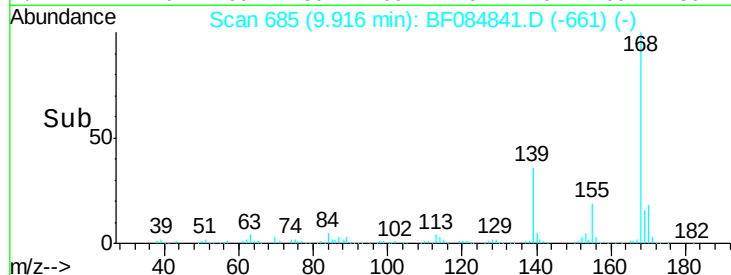
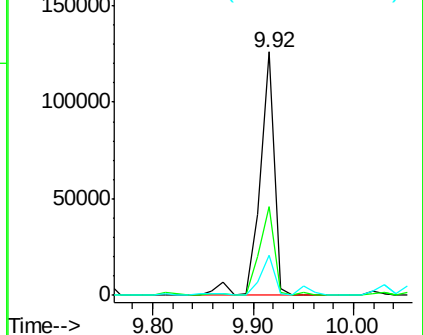
169 16.2 10.4 15.6#



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



#57

Fluorene

Concen: 7.75 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

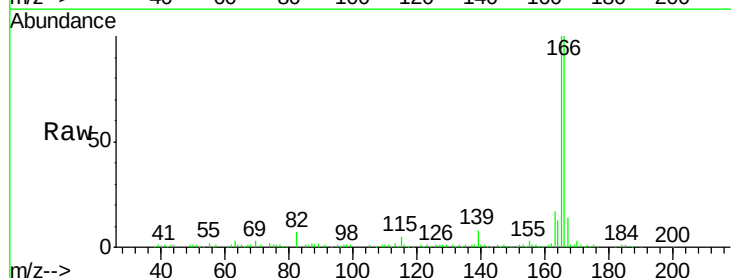
Tgt Ion:166 Resp: 145853

Ion Ratio Lower Upper

166 100

165 99.6 79.1 118.7

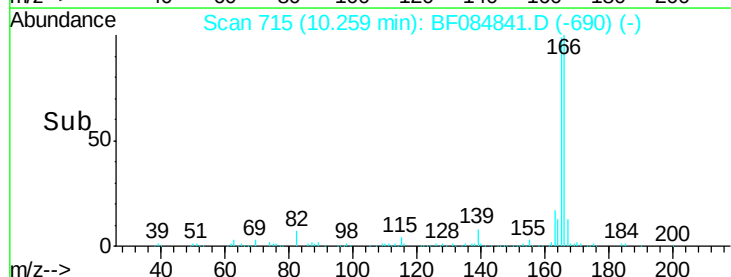
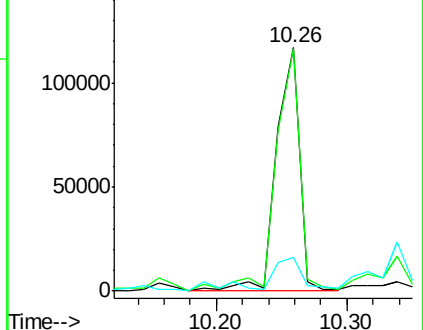
167 13.8 10.4 15.6

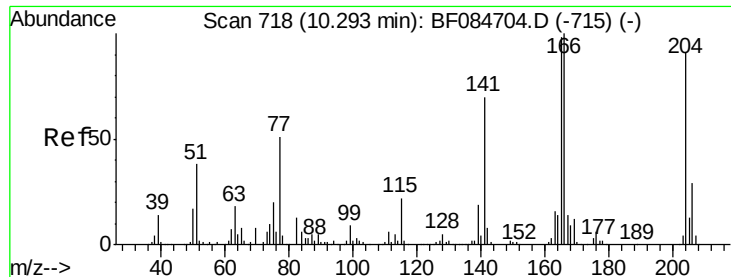


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

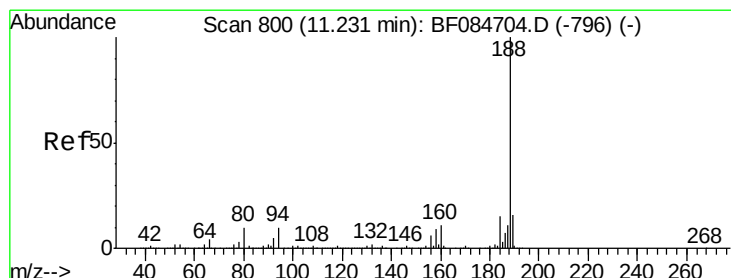
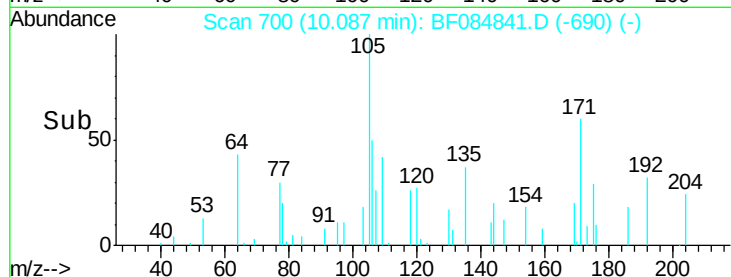
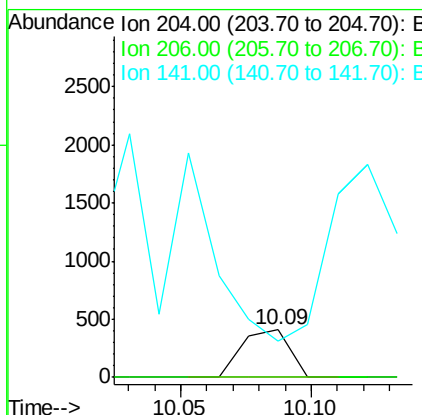
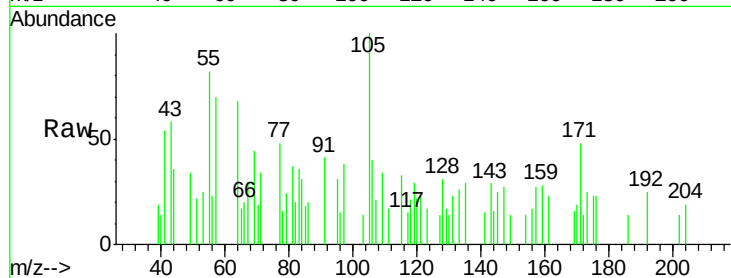




#60
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.09 min Scan# 700
 Delta R.T. -0.18 min
 Lab File: BF084841.D
 Acq: 4 Feb 2016 21:08

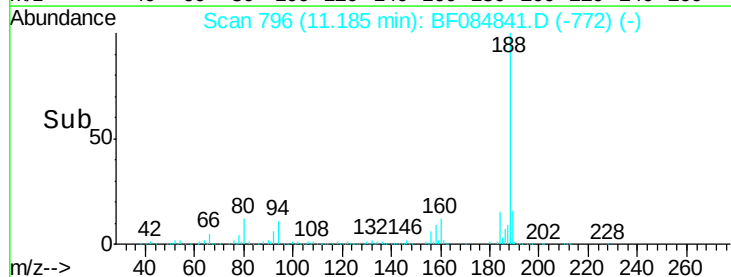
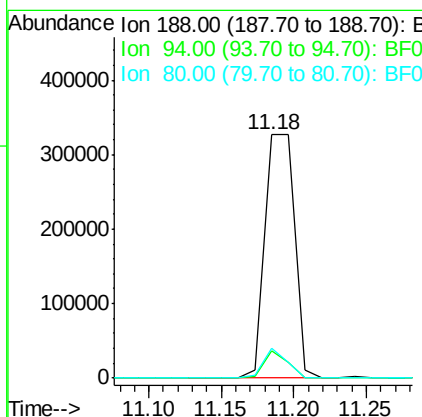
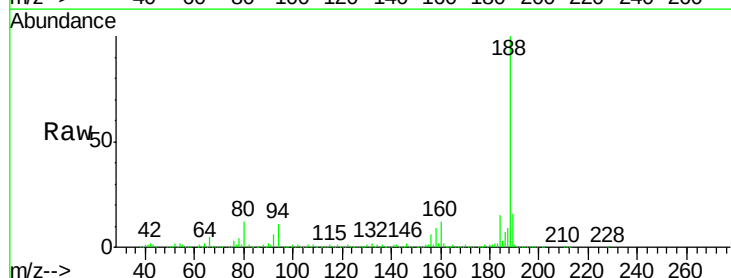
Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(6-8)

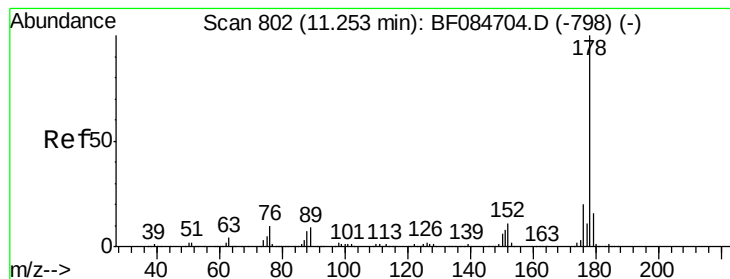
Tgt Ion: 204 Resp: 523
 Ion Ratio Lower Upper
 204 100
 206 0.0 25.7 38.5#
 141 77.3 55.1 82.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF084841.D
 Acq: 4 Feb 2016 21:08

Tgt Ion: 188 Resp: 465797
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.0 13.4
 80 12.3 9.6 14.4





#70

Phenanthrene

Concen: 73.32 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

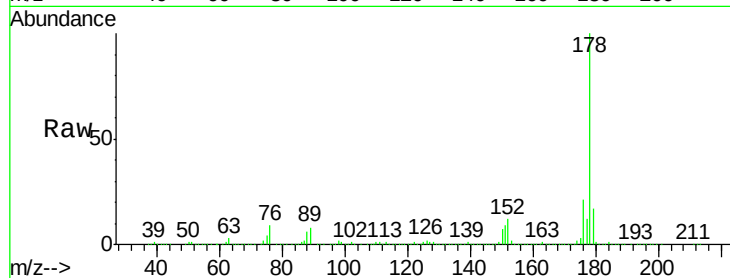
Tgt Ion:178 Resp: 1894271

Ion Ratio Lower Upper

178 100

176 21.1 15.3 22.9

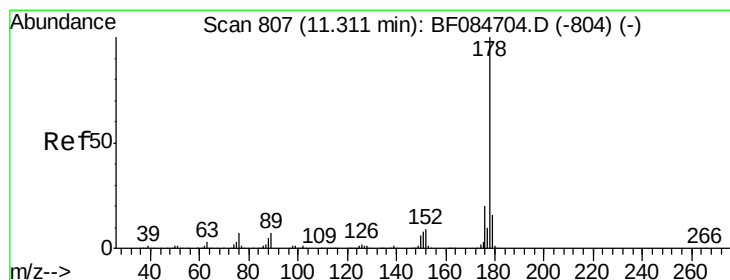
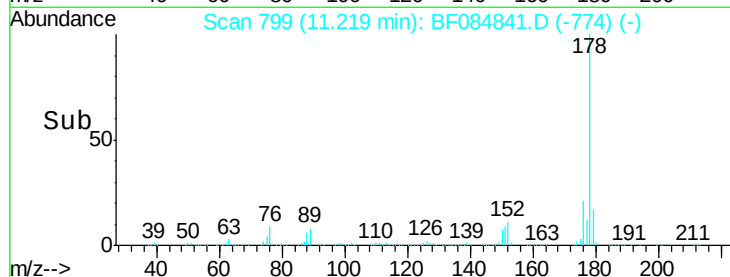
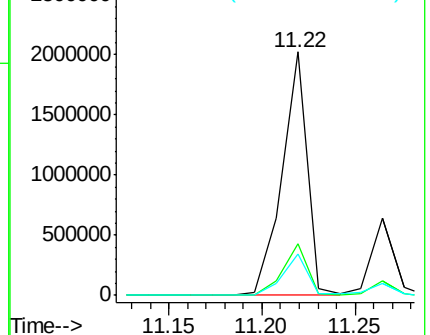
179 16.8 12.0 18.0



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



#71

Anthracene

Concen: 20.40 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

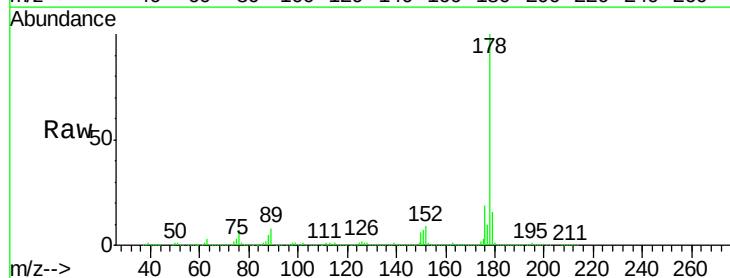
Tgt Ion:178 Resp: 531052

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

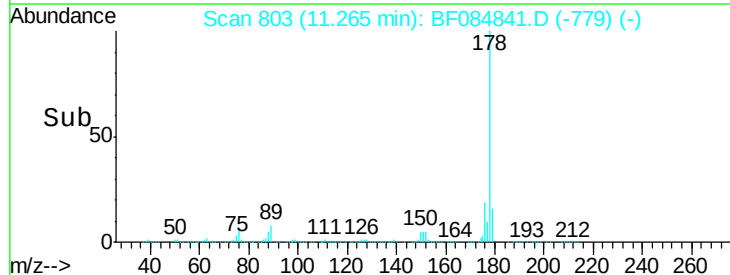
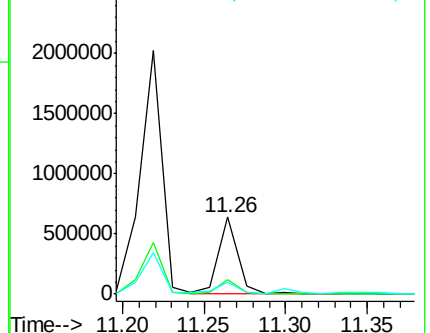
179 16.1 12.5 18.7

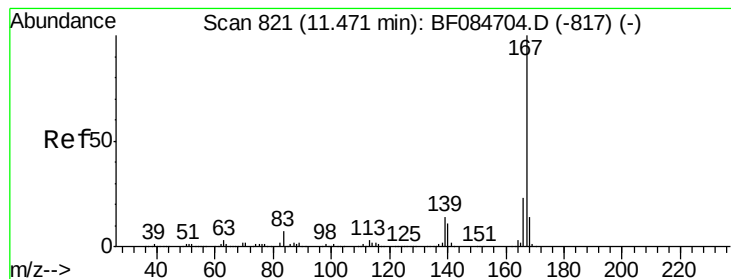


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.11 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

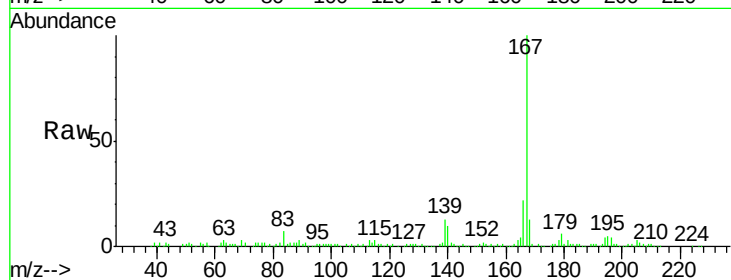
Tgt Ion:167 Resp: 116045

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

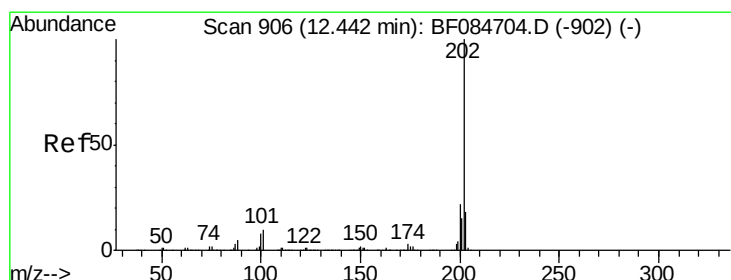
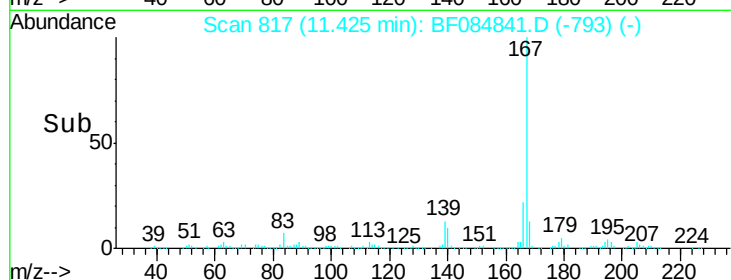
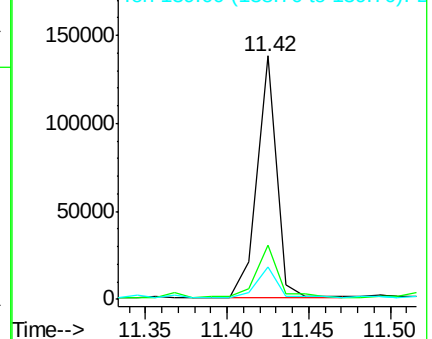
139 13.2 11.8 17.8



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: 85.47 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

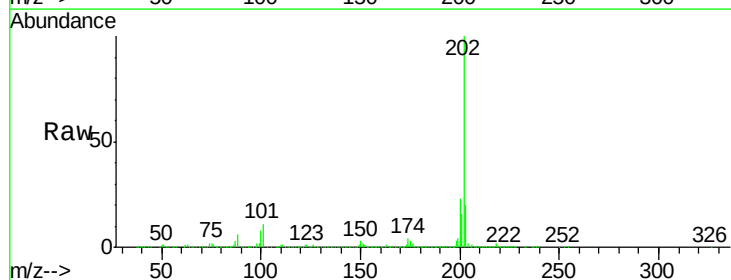
Tgt Ion:202 Resp: 2234831

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.8

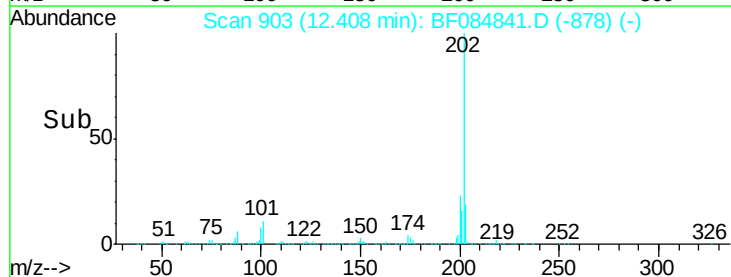
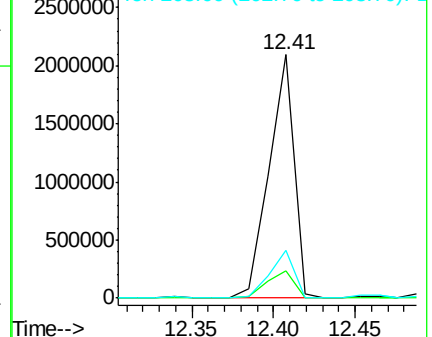
203 19.5 0.0 37.9

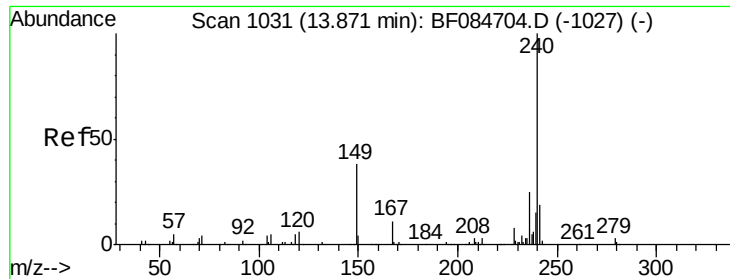


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.82 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

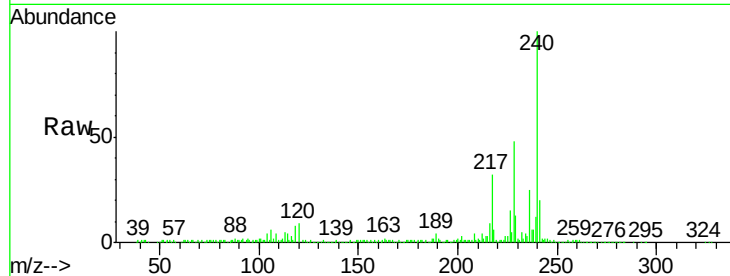
Tgt Ion:240 Resp: 322036

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

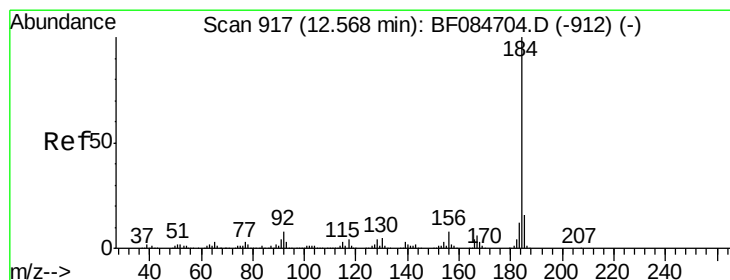
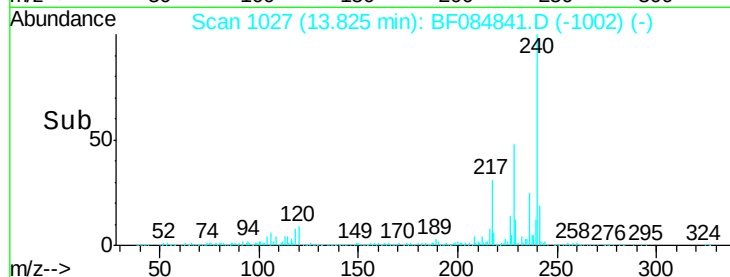
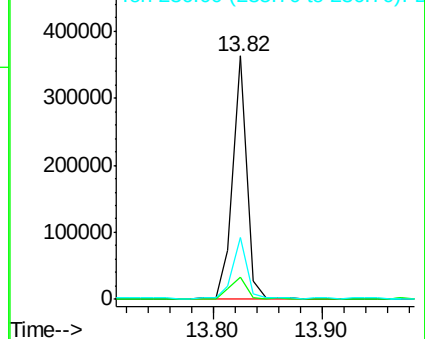
236 25.5 20.6 31.0



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



#76

Benzidine

Concen: 6.96 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.06 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

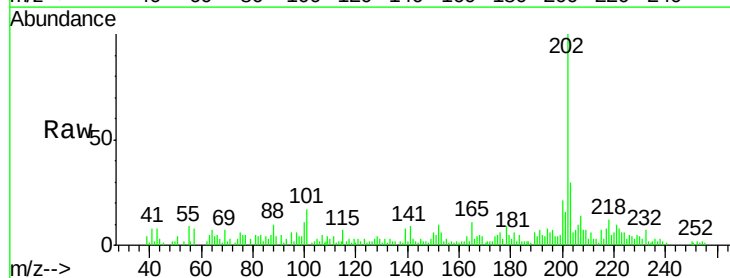
Tgt Ion:184 Resp: 1175

Ion Ratio Lower Upper

184 100

185 96.6 12.2 18.2#

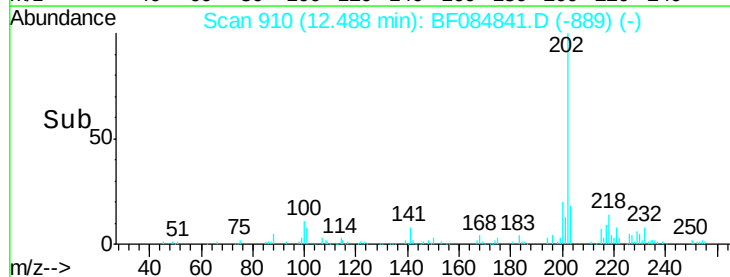
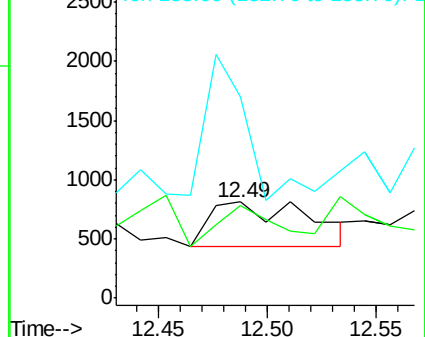
183 209.4 9.8 14.8#

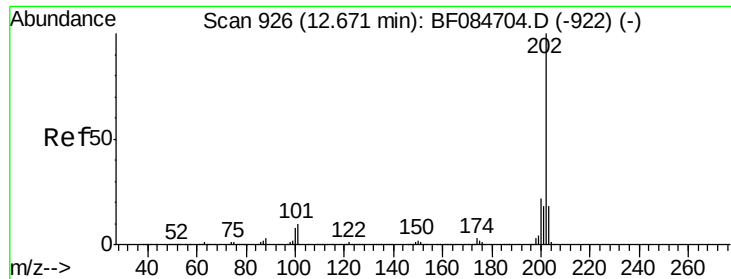


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 89.15 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

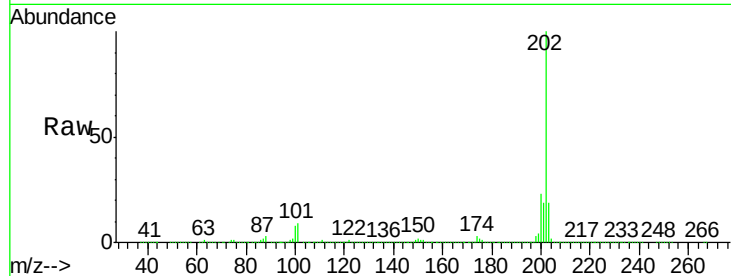
Tgt Ion:202 Resp: 2198139

Ion Ratio Lower Upper

202 100

200 22.6 17.2 25.8

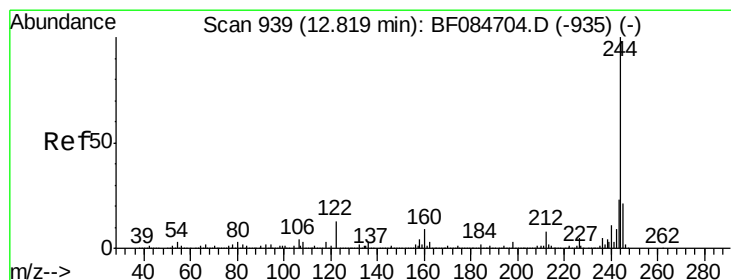
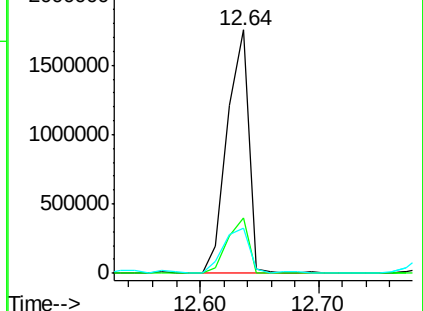
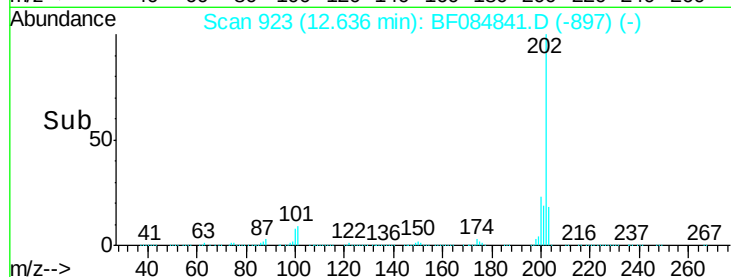
203 18.7 14.3 21.5



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: 19.34 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

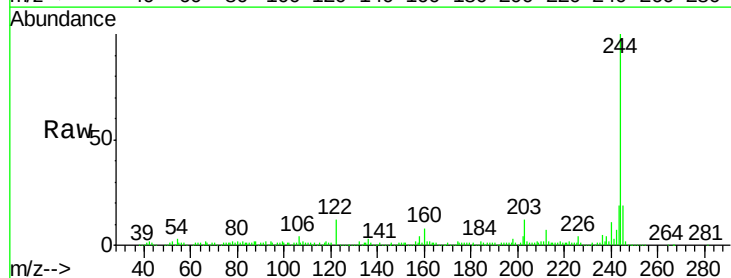
Tgt Ion:244 Resp: 274863

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

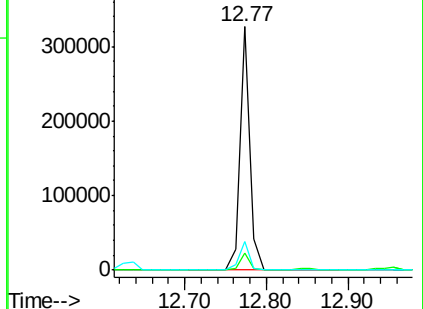
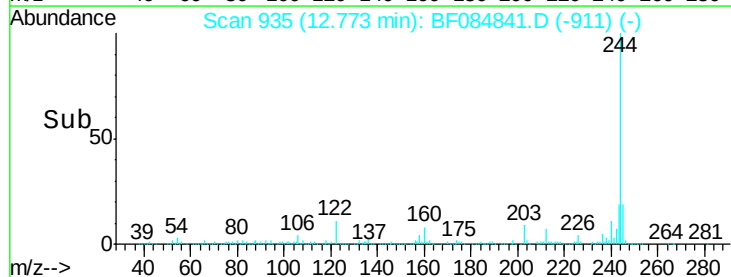
122 11.6 7.4 11.0#

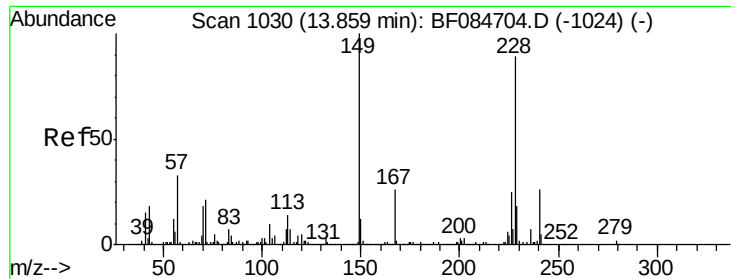


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 49.61 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

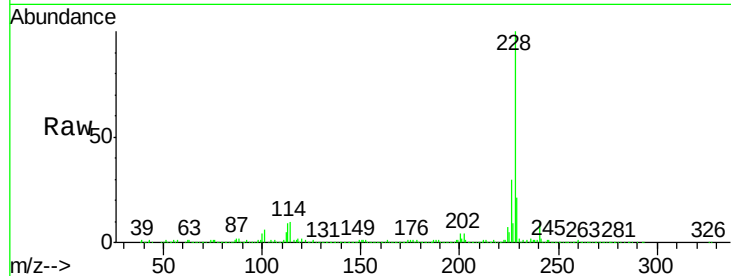
Tgt Ion:228 Resp: 991589

Ion Ratio Lower Upper

228 100

226 29.6 21.8 32.6

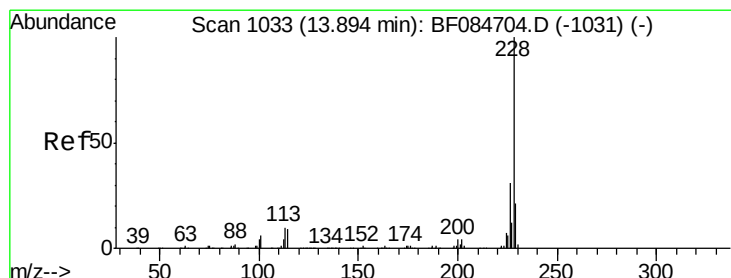
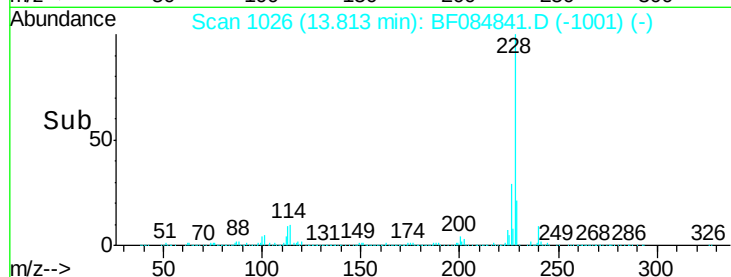
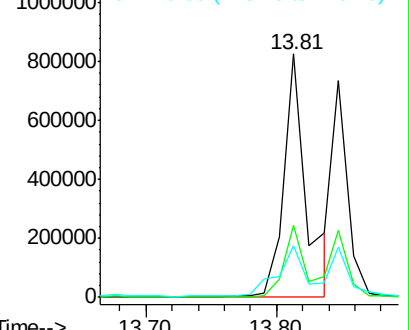
229 21.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 31.30 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

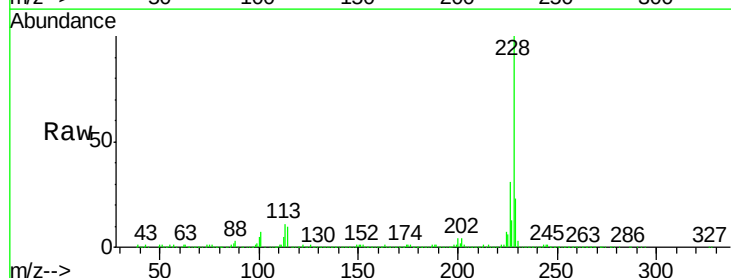
Tgt Ion:228 Resp: 606728

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

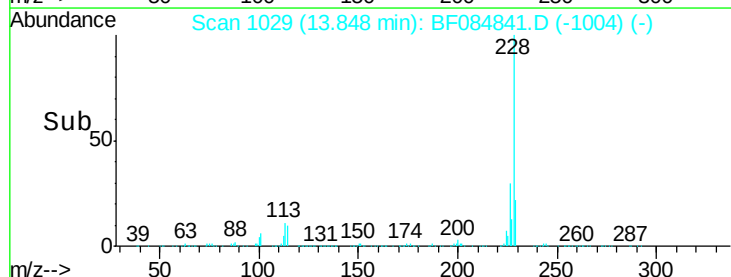
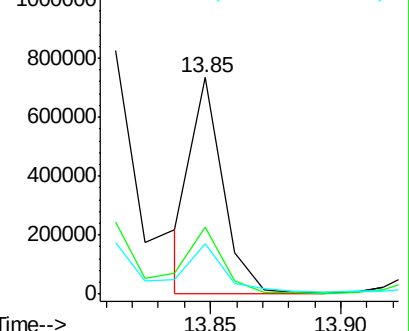
229 23.3 16.1 24.1

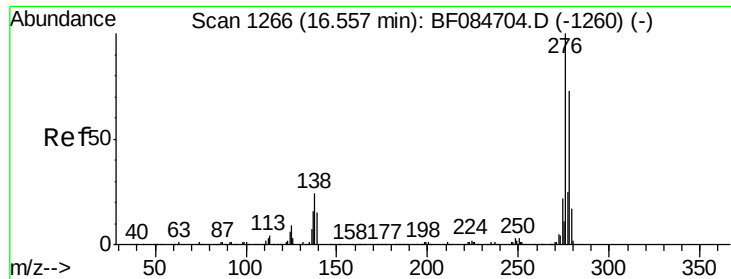


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

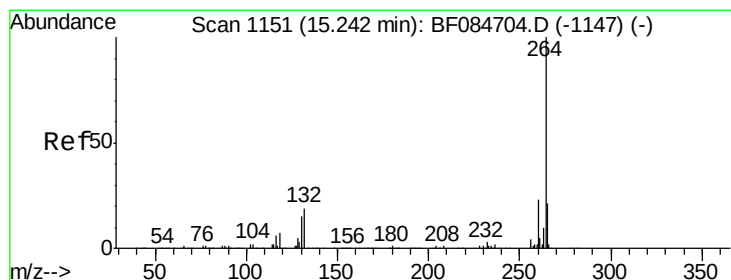
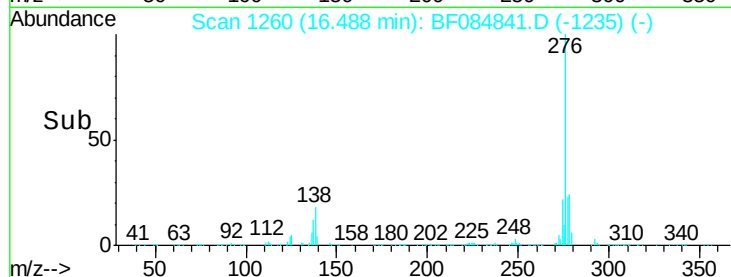
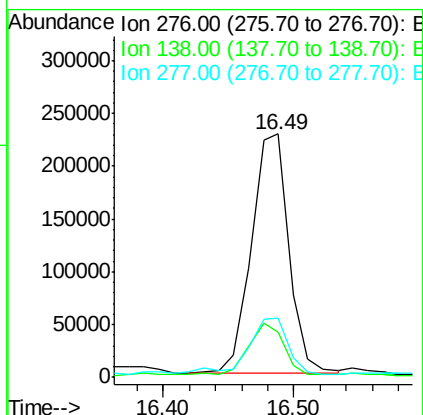
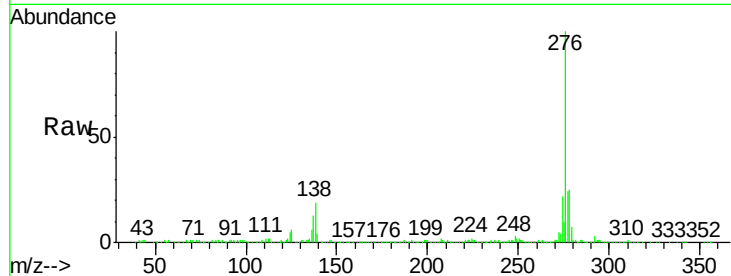




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.66 ng
 RT: 16.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF084841.D
 Acq: 4 Feb 2016 21:08

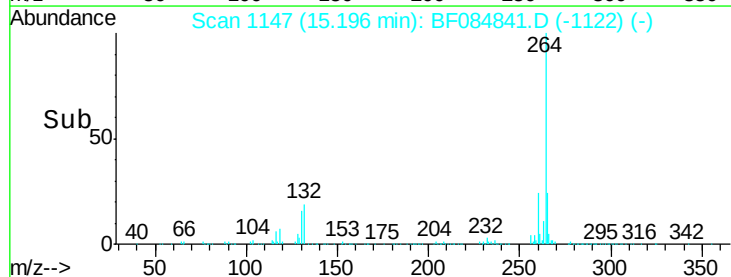
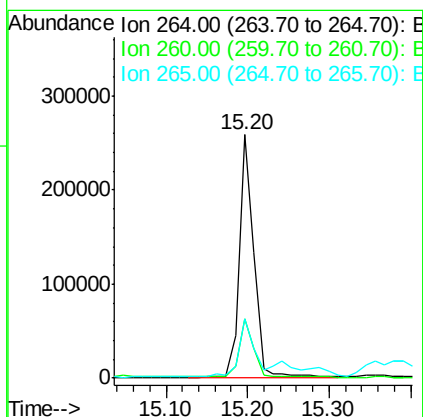
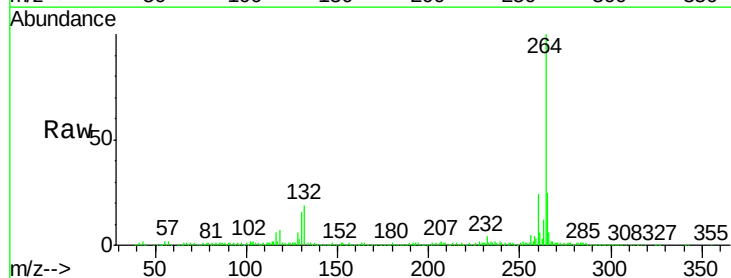
Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(6-8)

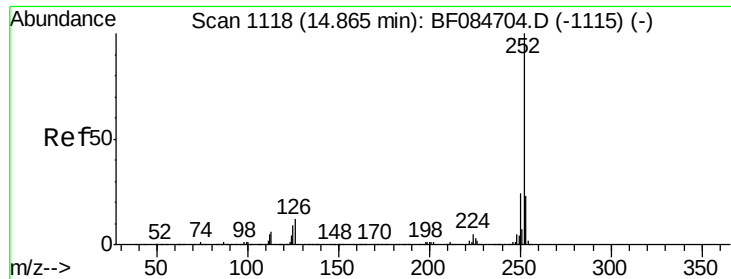
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.6	30.8
277	26.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF084841.D
 Acq: 4 Feb 2016 21:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	24.5	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 57.65 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

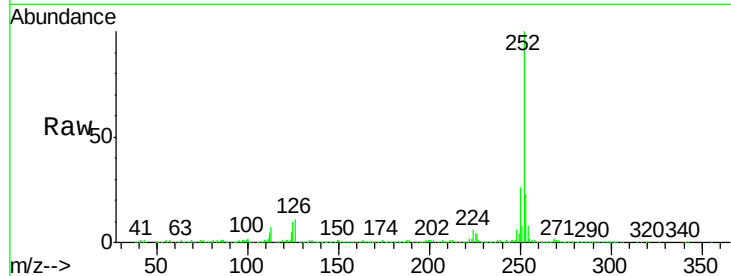
Tgt Ion:252 Resp: 1244938

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

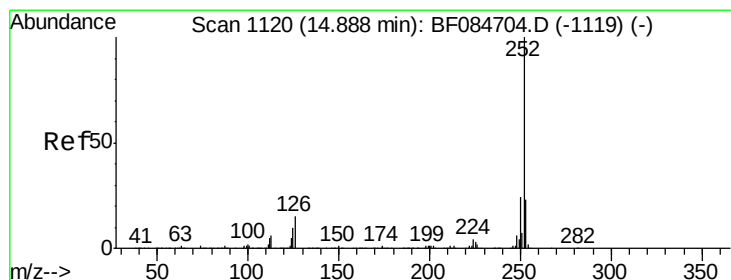
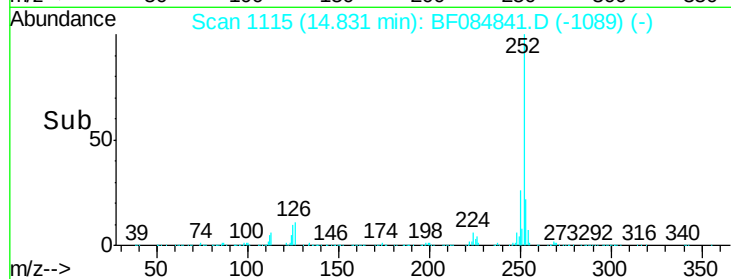
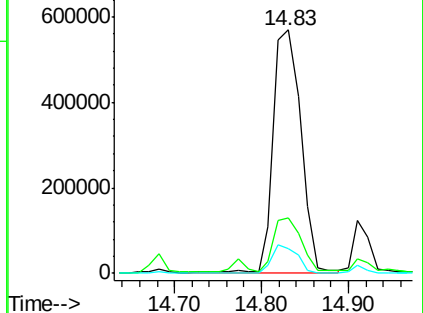
125 10.3 6.5 9.7#



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: 69.72 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

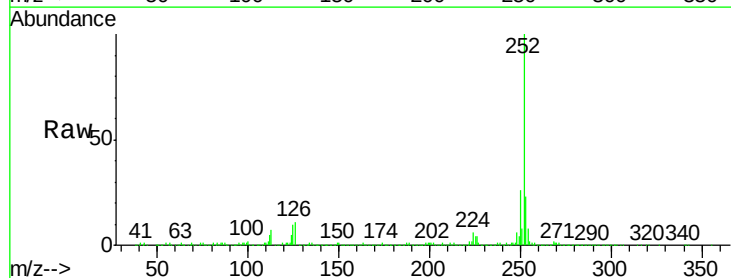
Tgt Ion:252 Resp: 1244938

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

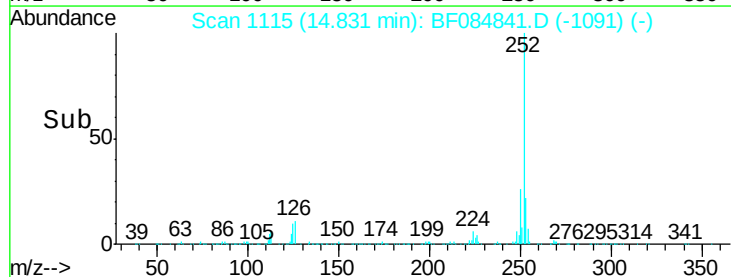
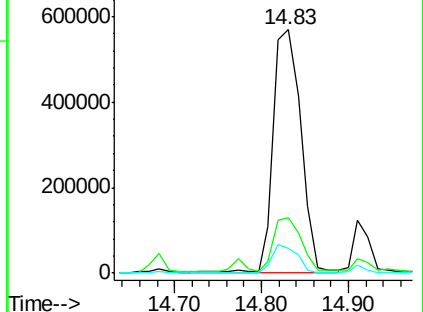
125 10.3 9.0 13.6

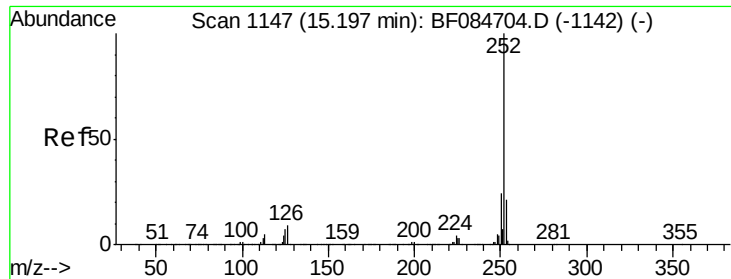


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.08 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

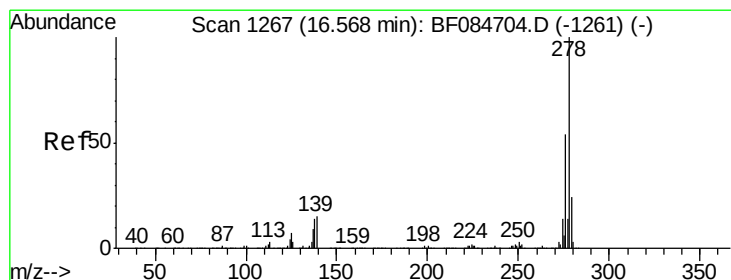
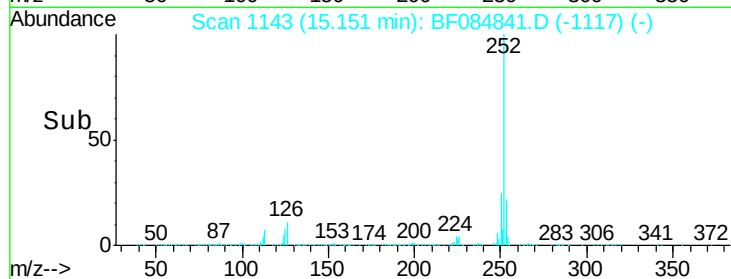
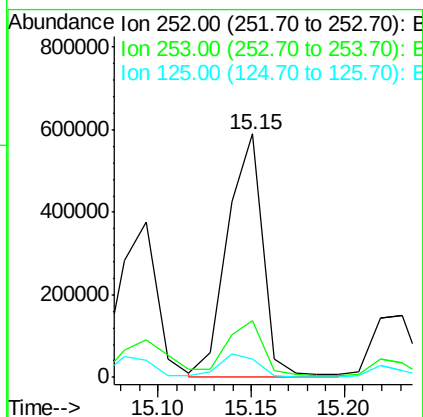
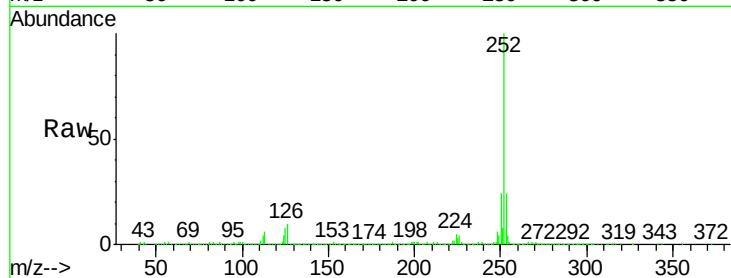
Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

Tgt Ion:	252	Resp:	774294
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	7.6	7.0	10.4



#90

Dibenzo(a,h)anthracene

Concen: 8.33 ng

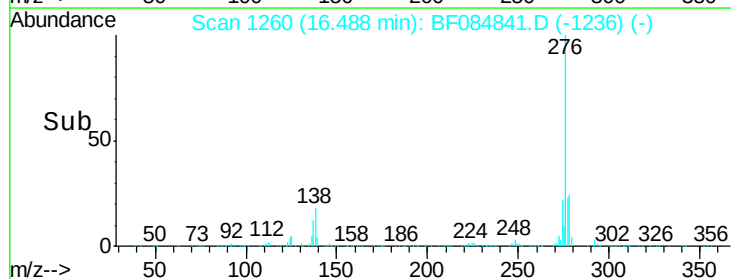
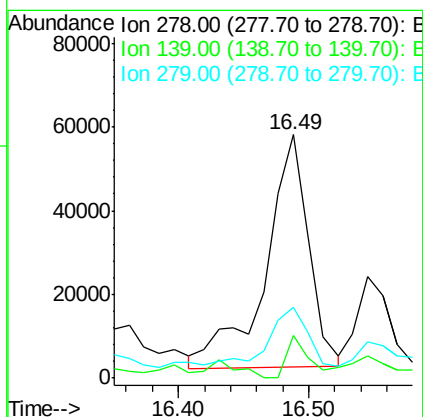
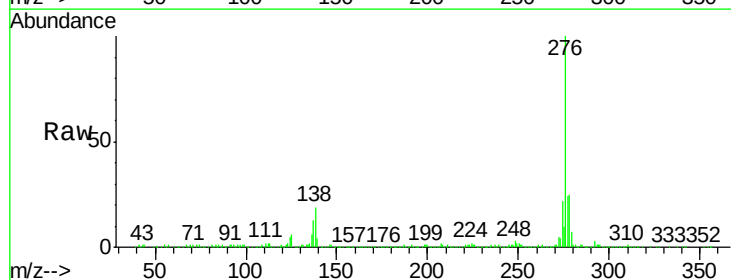
RT: 16.49 min Scan# 1260

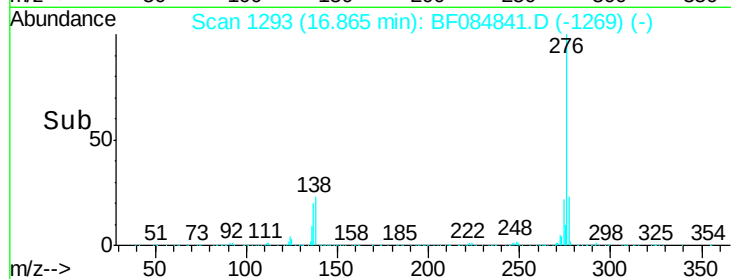
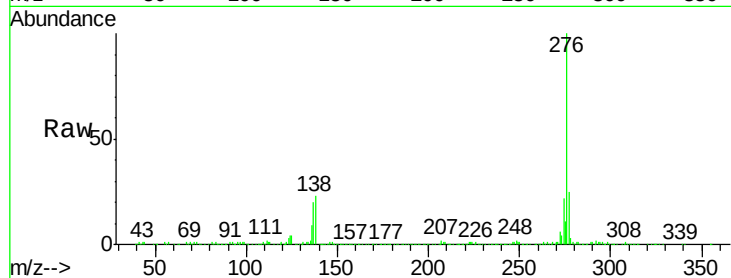
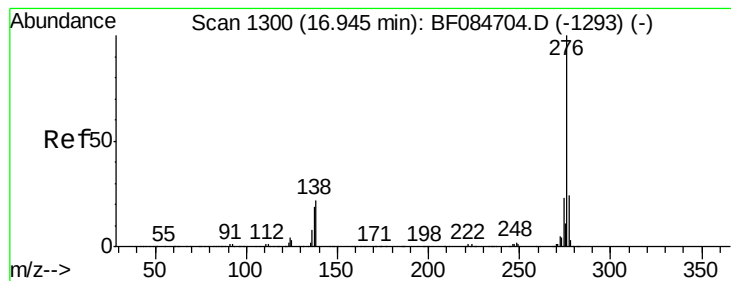
Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Tgt Ion:	278	Resp:	129023
Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.0	22.4
279	28.9	18.9	28.3#





#91

Benzo(g,h,i)perylene

Concen: 29.10 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BF084841.D

Acq: 4 Feb 2016 21:08

Instrument :

BNA_F

ClientSampleId :

S4-B013(6-8)

Tgt Ion: 276 Resp: 454025

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 22.9 17.8 26.6

