

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
 Data File : BF084042.D
 Acq On : 23 Dec 2015 19:16
 Operator : UM/SJ
 Sample : G4912-03RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-2(0-2)

Quant Time: Dec 24 00:34:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	62756	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	235683	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	113521	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	174702	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	112751	20.00	ng	-0.01
86) Perylene-d12	15.43	264	114441	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	559535	152.02	ng	0.01
7) Phenol-d6	6.48	99	646040	149.28	ng	0.00
23) Nitrobenzene-d5	7.39	82	467621	121.89	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	161183	147.62	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	725133	85.97	ng	-0.01
78) Terphenyl-d14	12.93	244	543484	114.95	ng	0.00

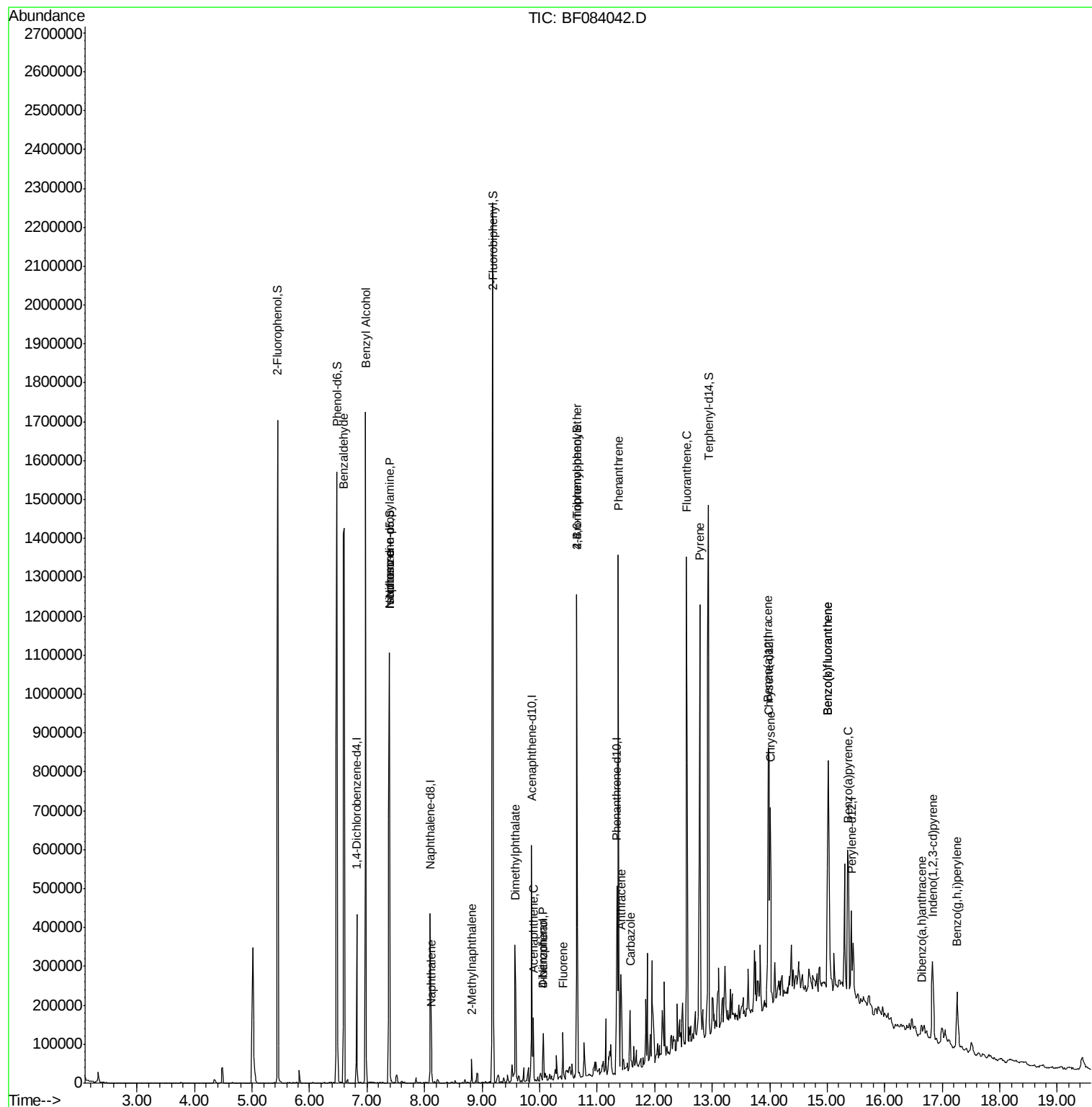
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	14198	4.91	ng	86
15) Benzyl Alcohol	6.98	79	8692	2.55	ng	# 49
19) n-Nitroso-di-n-propylamine	7.39	70	66794	25.47	ng	# 76
25) Isophorone	7.39	82	429421	59.07	ng	# 66
31) Naphthalene	8.12	128	39449	3.28	ng	99
37) 2-Methylnaphthalene	8.82	142	16613	2.13	ng	97
49) Dimethylphthalate	9.57	163	196493	22.12	ng	# 90
51) Acenaphthene	9.89	154	38910	5.72	ng	96
54) Dibenzofuran	10.06	168	43158	4.24	ng	99
55) 4-Nitrophenol	10.06	139	16968	14.50	ng	# 13
57) Fluorene	10.41	166	36343	4.51	ng	98
66) 4-Bromophenyl-phenylether	10.65	248	10816	5.40	ng	# 1
70) Phenanthrene	11.37	178	493753	50.00	ng	99
71) Anthracene	11.41	178	123085	12.27	ng	98
72) Carbazole	11.57	167	53731	5.73	ng	99
74) Fluoranthene	12.56	202	623446	63.67	ng	98
77) Pyrene	12.78	202	564616	73.81	ng	99
80) Benzo(a)anthracene	13.97	228	298972	45.98	ng	99
82) Chrysene	14.01	228	216865	35.93	ng	98
85) Indeno(1,2,3-cd)pyrene	16.83	276	135754	27.19	ng	95
87) Benzo(b)fluoranthene	15.01	252	429024	59.47	ng	# 96
88) Benzo(k)fluoranthene	15.01	252	429024	62.53	ng	100
89) Benzo(a)pyrene	15.37	252	210114	31.44	ng	98
90) Dibenzo(a,h)anthracene	16.65	278	22322	4.03	ng	94
91) Benzo(g,h,i)perylene	17.25	276	123119	21.98	ng	98

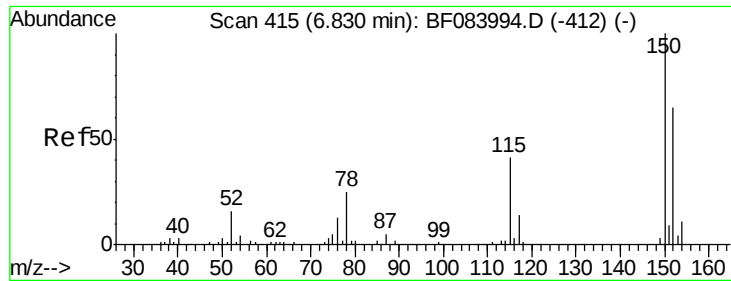
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

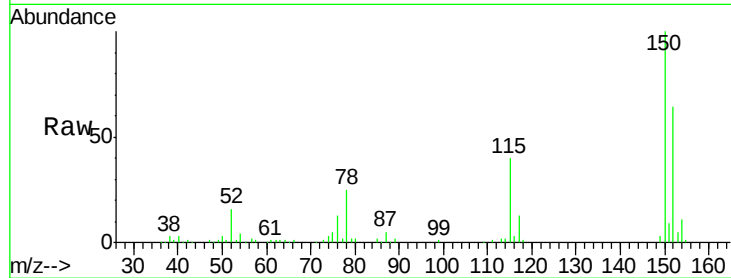
Tgt Ion:152 Resp: 62756

Ion Ratio Lower Upper

152 100

150 156.0 123.0 184.4

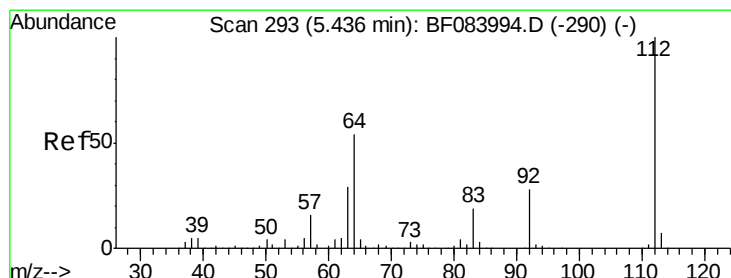
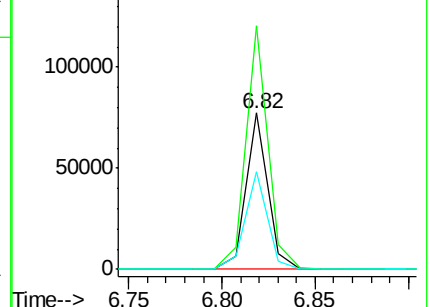
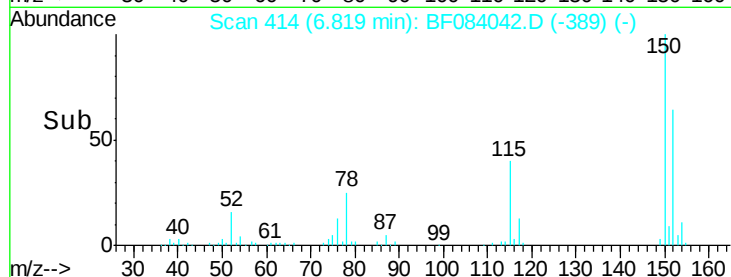
115 62.8 51.4 77.2



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: 152.02 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

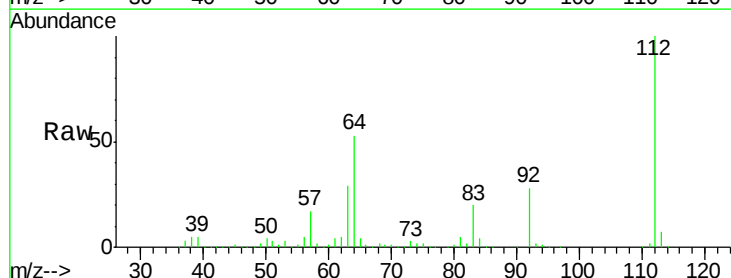
Tgt Ion:112 Resp: 559535

Ion Ratio Lower Upper

112 100

64 52.6 36.6 55.0

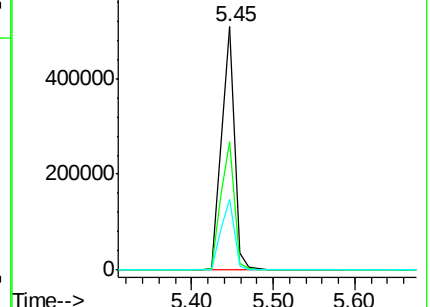
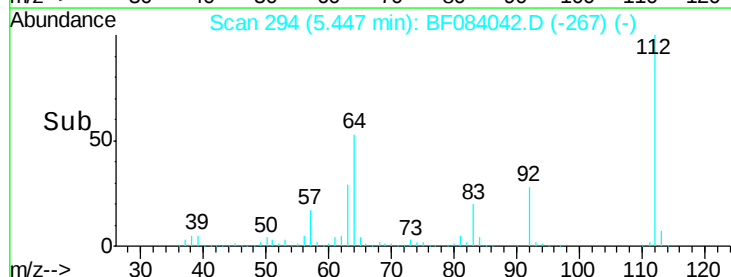
63 29.3 19.4 29.0#

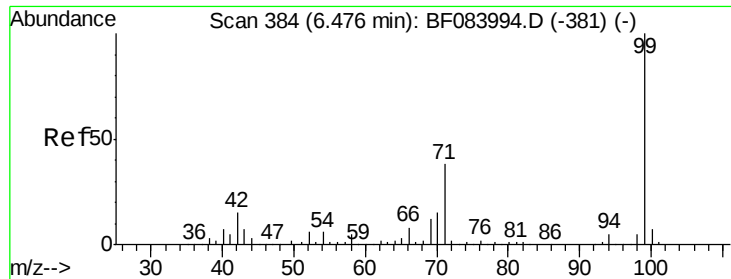


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 149.28 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

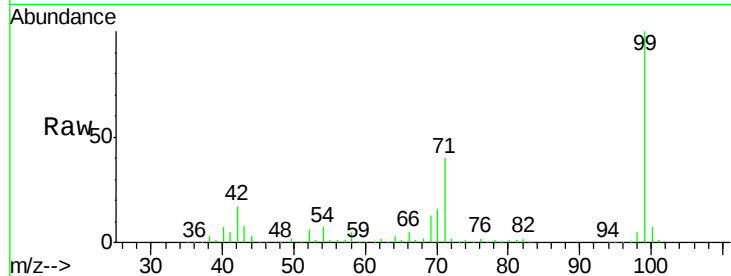
Tgt Ion: 99 Resp: 646040

Ion Ratio Lower Upper

99 100

42 16.6 12.8 19.2

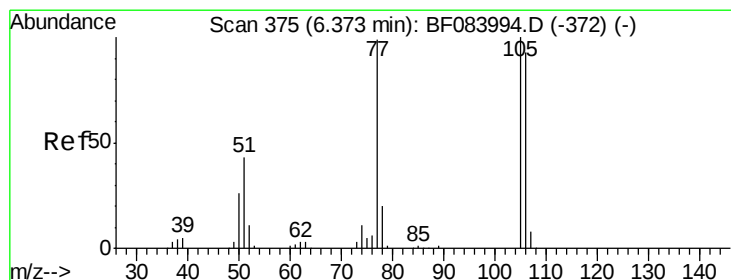
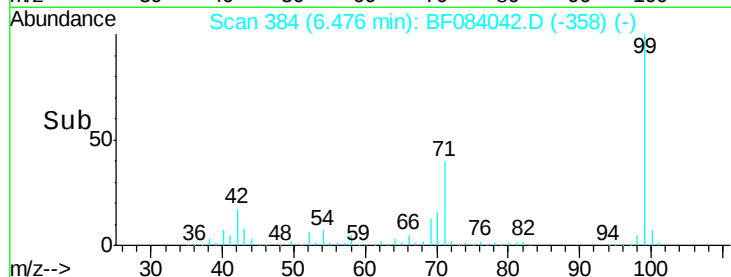
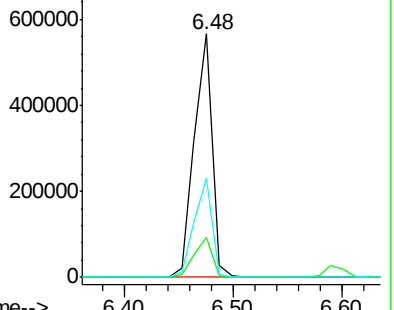
71 40.5 30.9 46.3



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



#9

Benzaldehyde

Concen: 4.91 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.22 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

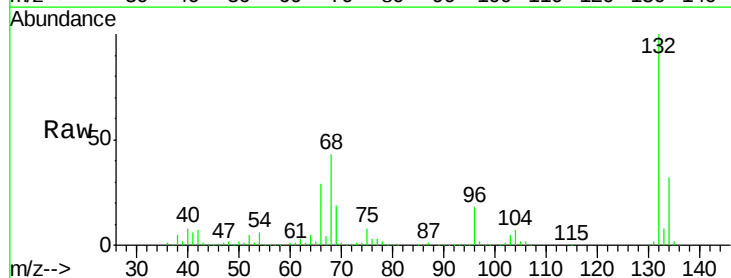
Tgt Ion: 77 Resp: 14198

Ion Ratio Lower Upper

77 100

105 86.1 83.0 123.0

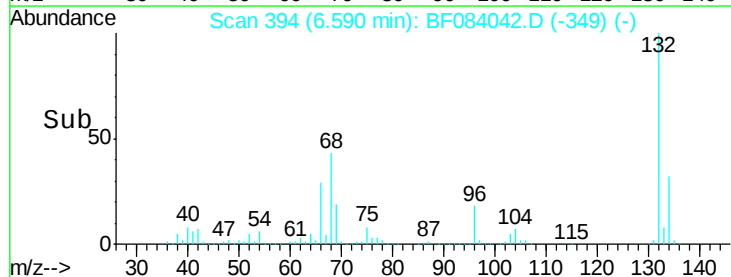
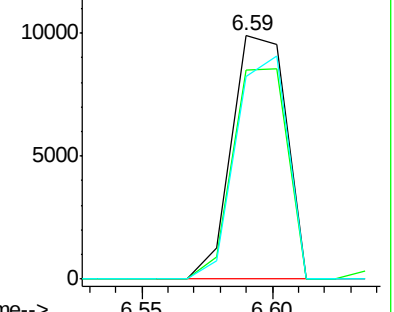
106 83.4 74.6 114.6

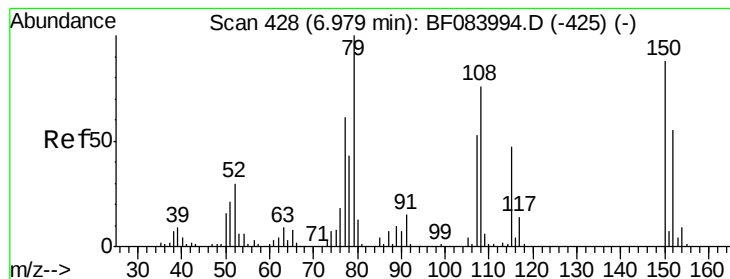


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.55 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

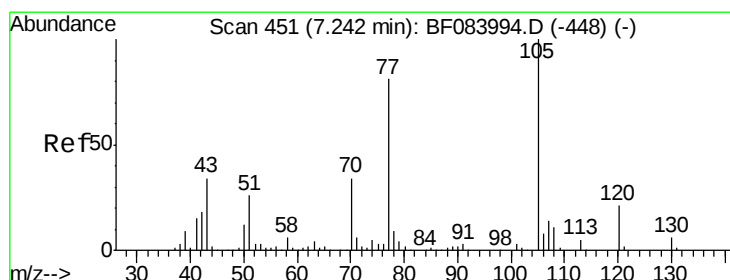
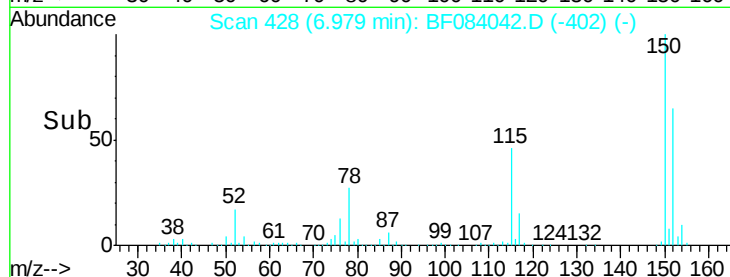
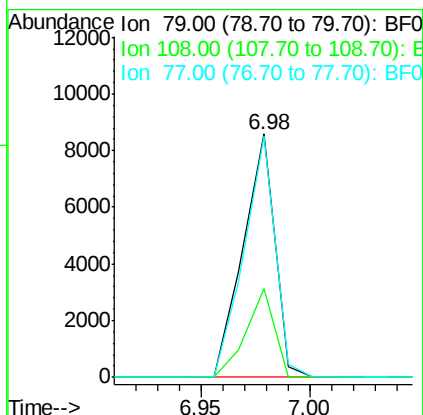
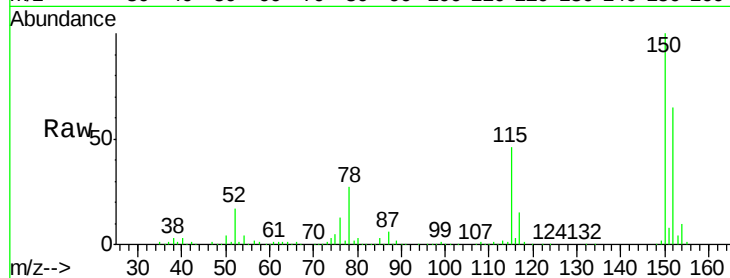
Tgt Ion: 79 Resp: 8692

Ion Ratio Lower Upper

79 100

108 36.3 69.0 103.4#

77 98.8 50.0 75.0#



#19

n-Nitroso-di-n-propylamine

Concen: 25.47 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Tgt Ion: 70 Resp: 66794

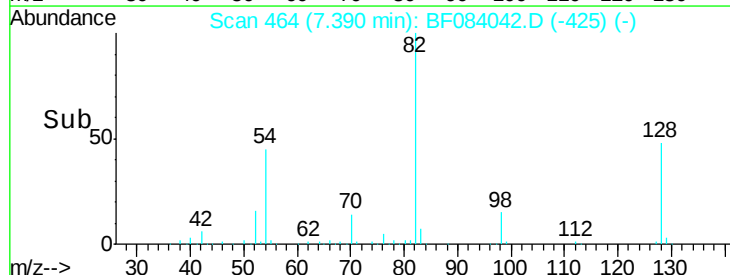
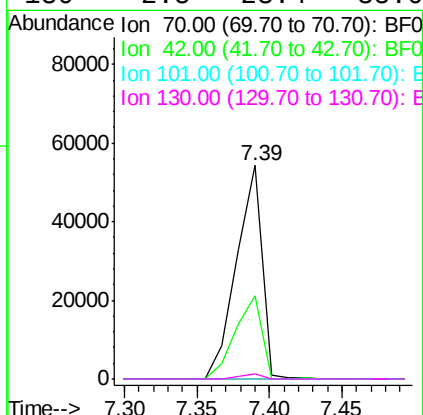
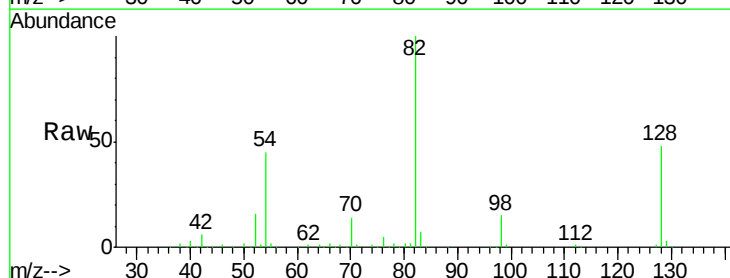
Ion Ratio Lower Upper

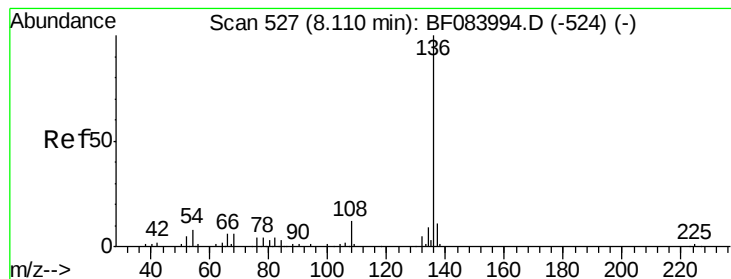
70 100

42 38.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.5 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

Tgt Ion:136 Resp: 235683

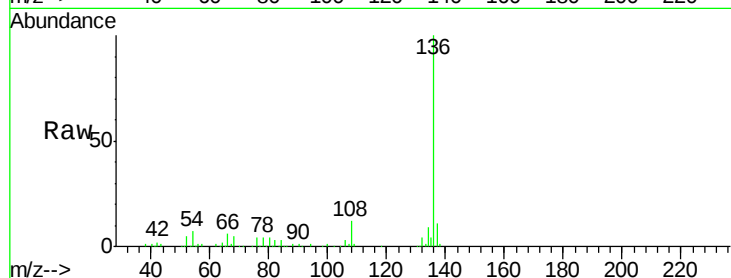
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.8 5.8 8.8

68 5.3 4.2 6.2

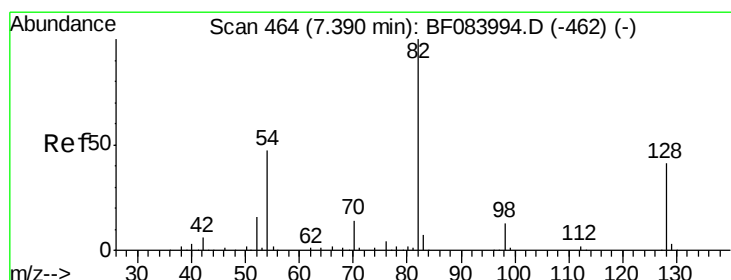
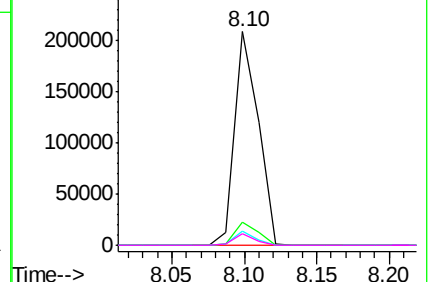
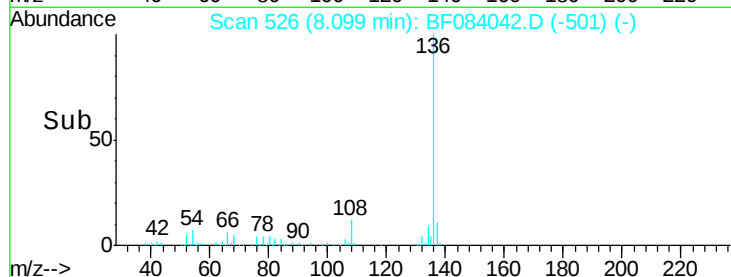


Abundance Ion 136.00 (135.70 to 136.70): E

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: 121.89 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

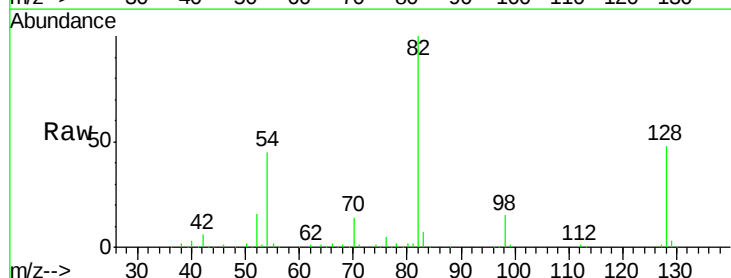
Tgt Ion: 82 Resp: 467621

Ion Ratio Lower Upper

82 100

128 48.2 34.6 51.8

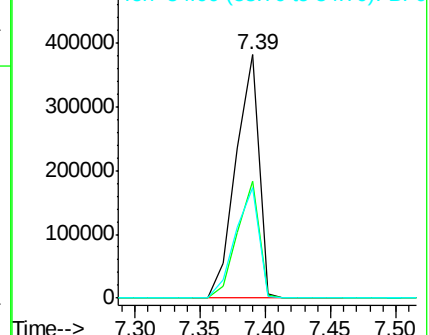
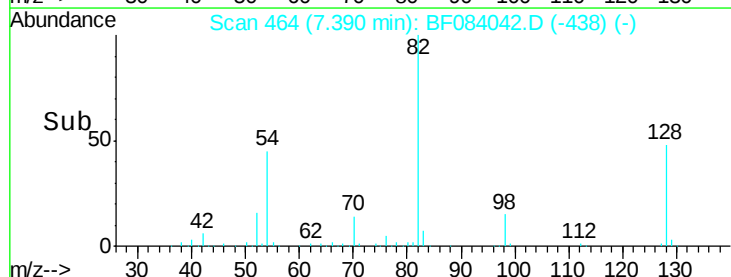
54 45.2 38.4 57.6

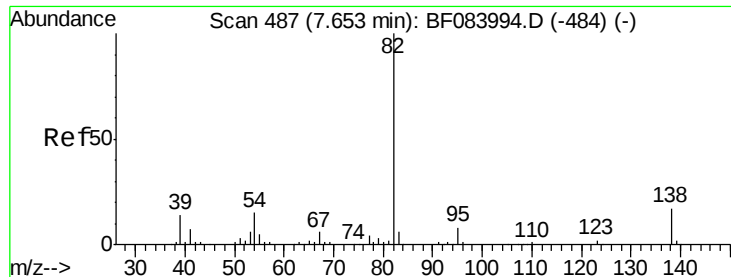


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 59.07 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

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ClientSampleId :

STOCKPILE-2(0-2)

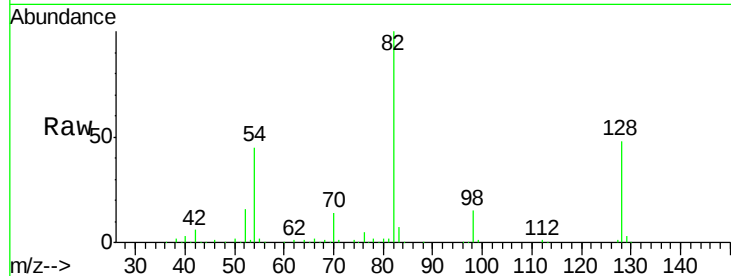
Tgt Ion: 82 Resp: 429421

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

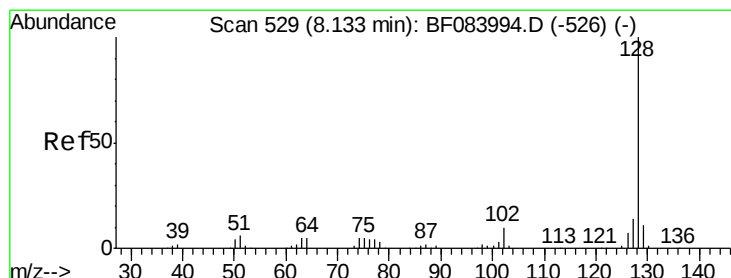
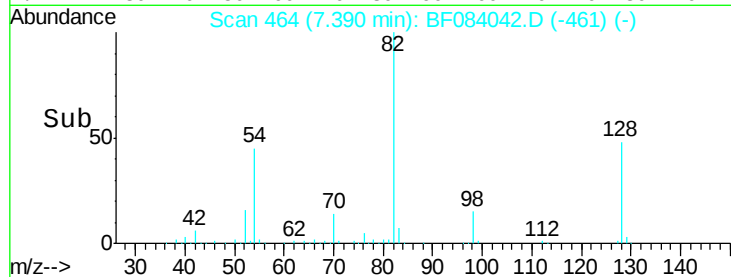
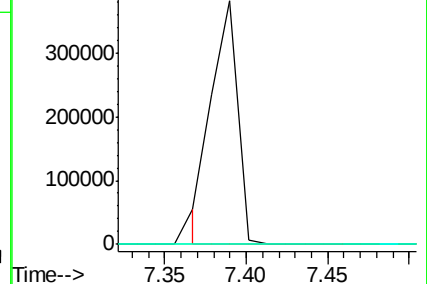
138 0.0 13.6 20.4#



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): E



#31

Naphthalene

Concen: 3.28 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

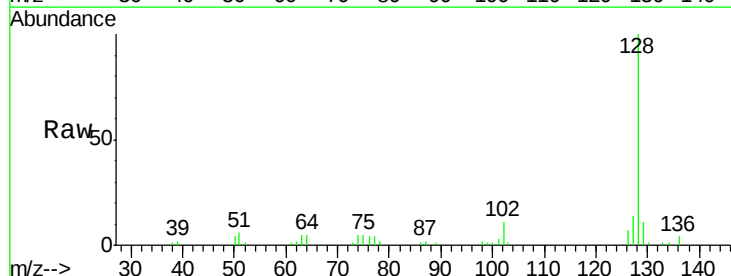
Tgt Ion: 128 Resp: 39449

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

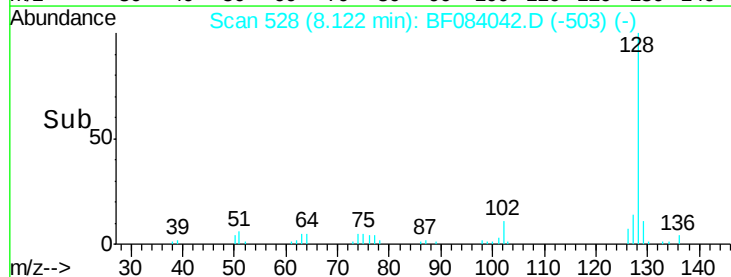
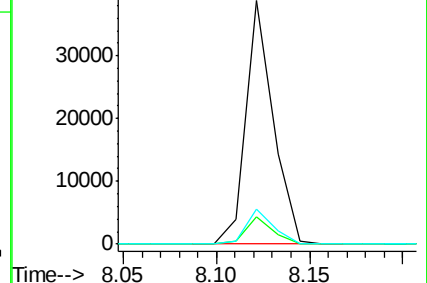
127 14.1 11.1 16.7

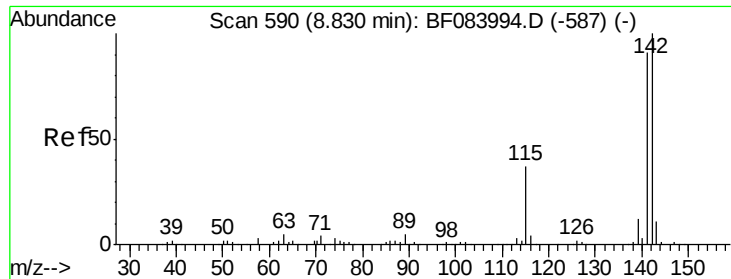


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

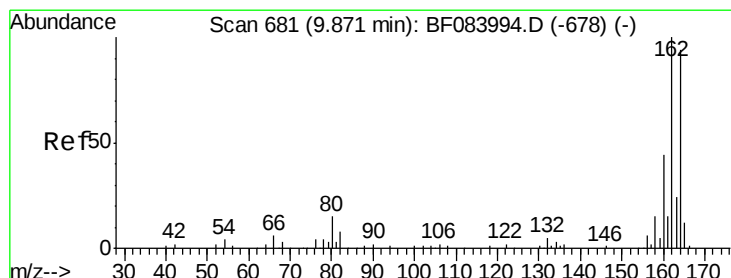
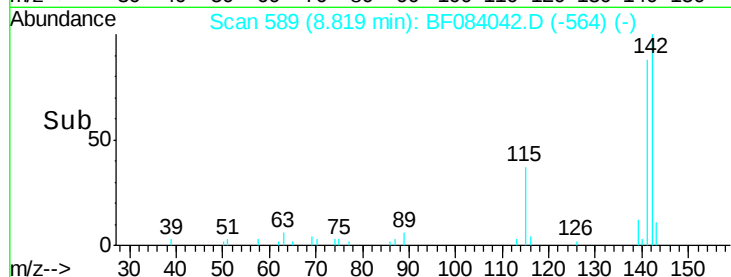
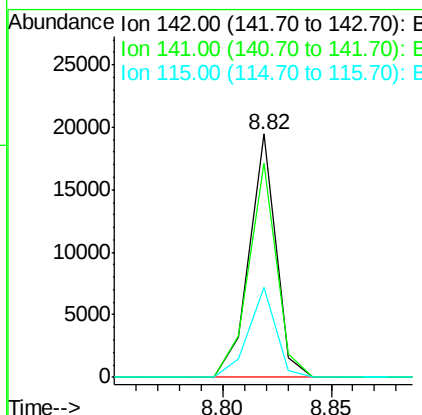
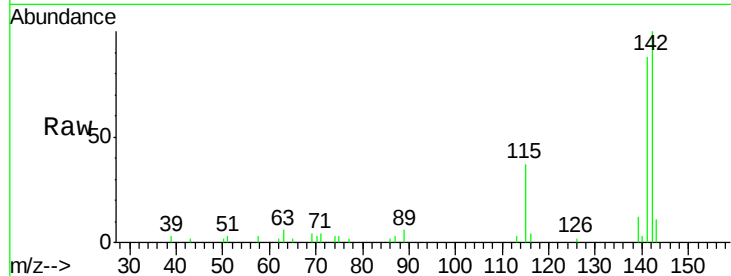




#37
 2-Methylnaphthalene
 Concen: 2.13 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF084042.D
 Acq: 23 Dec 2015 19:16

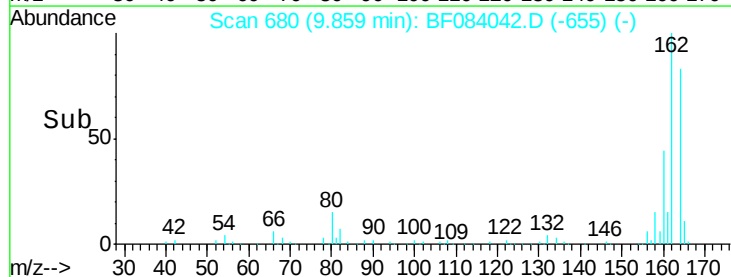
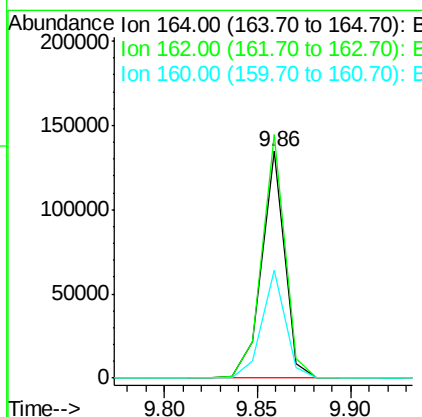
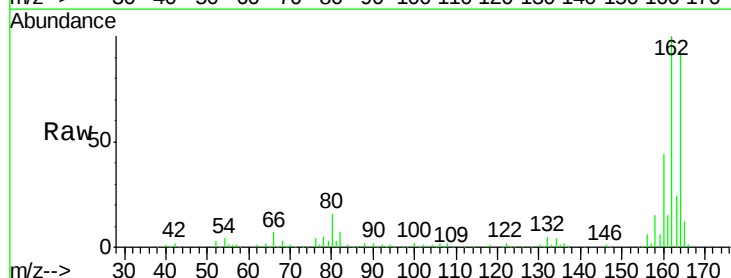
Instrument :
 BNA_F
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 STOCKPILE-2(0-2)

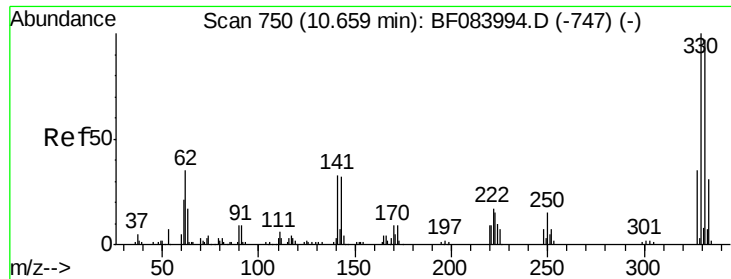
Tgt Ion:142 Resp: 16613
 Ion Ratio Lower Upper
 142 100
 141 87.8 72.4 108.6
 115 36.8 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084042.D
 Acq: 23 Dec 2015 19:16

Tgt Ion:164 Resp: 113521
 Ion Ratio Lower Upper
 164 100
 162 107.3 85.1 127.7
 160 47.4 37.5 56.3

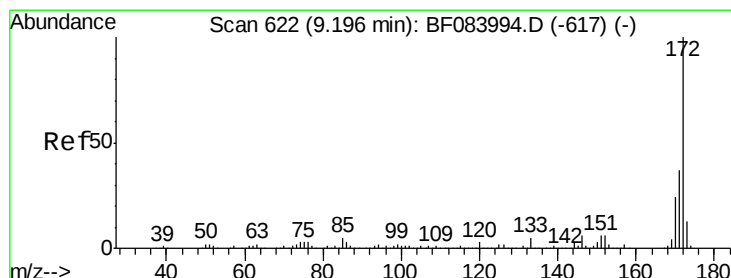
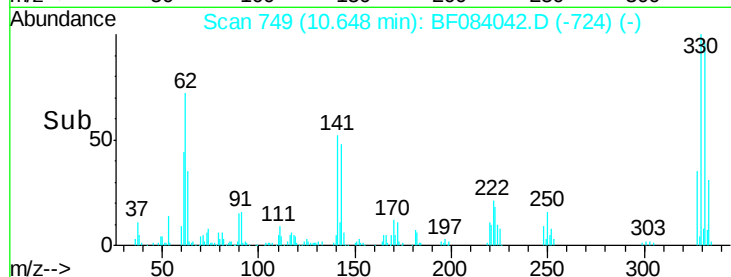
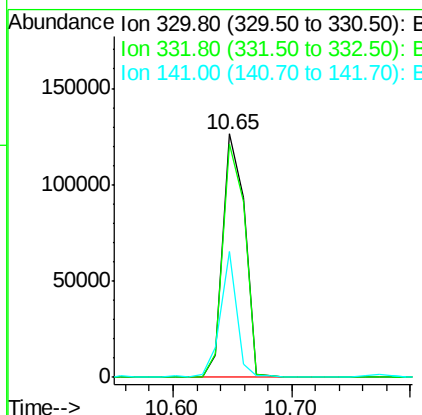
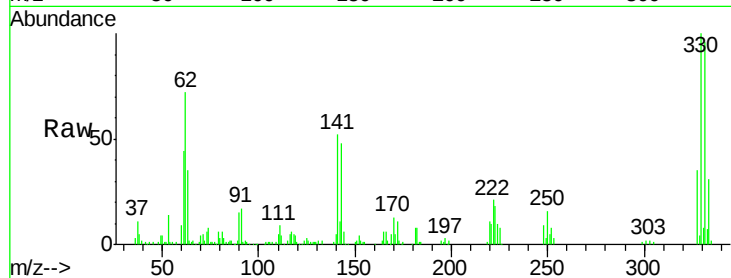




#41
 2,4,6-Tribromophenol
 Concen: 147.62 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084042.D
 Acq: 23 Dec 2015 19:16

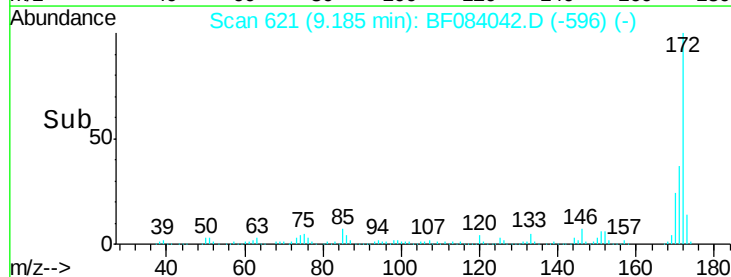
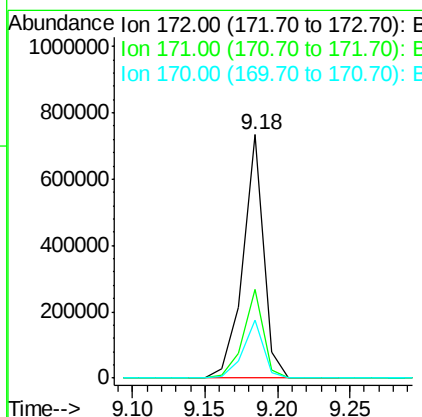
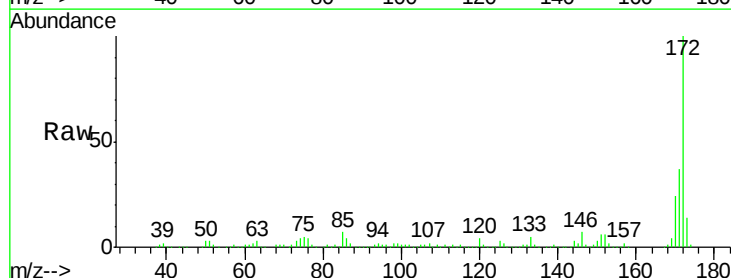
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-2(0-2)

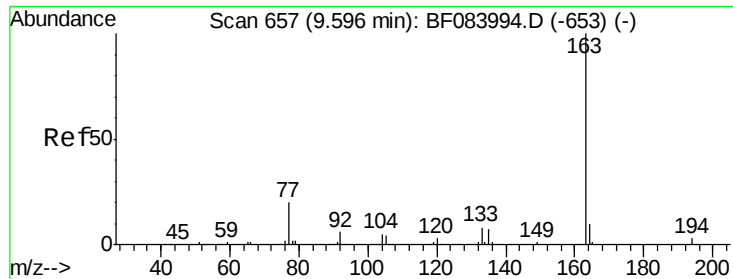
Tgt Ion:330 Resp: 161183
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 39.1 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 85.97 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084042.D
 Acq: 23 Dec 2015 19:16

Tgt Ion:172 Resp: 725133
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 23.9 18.6 27.8

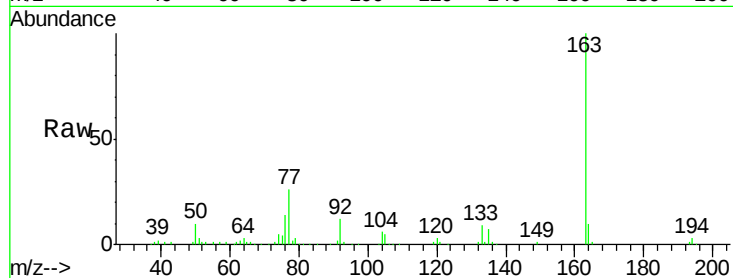




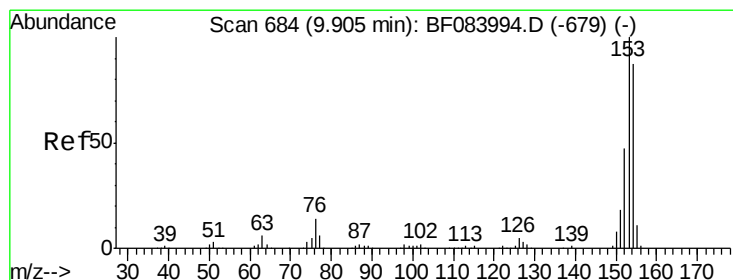
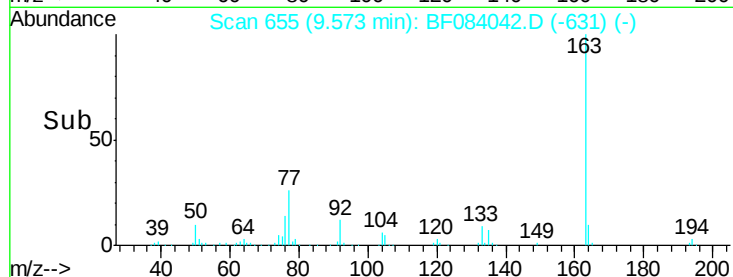
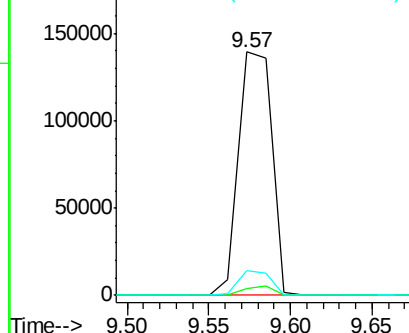
#49
Dimethylphthalate
Concen: 22.12 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF084042.D
Acq: 23 Dec 2015 19:16

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2(0-2)

Tgt Ion:163 Resp: 196493
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.2 8.0 12.0

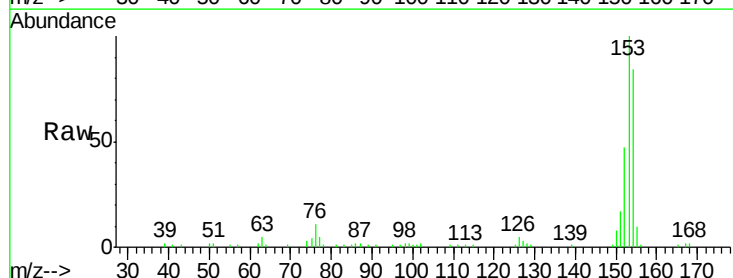


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

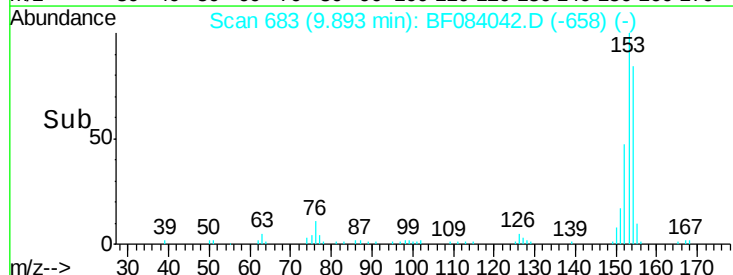
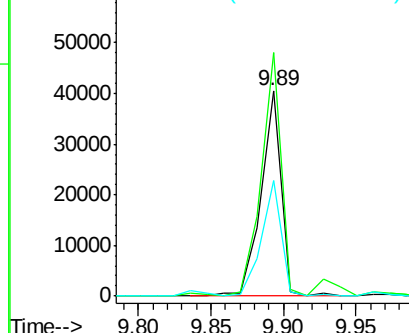


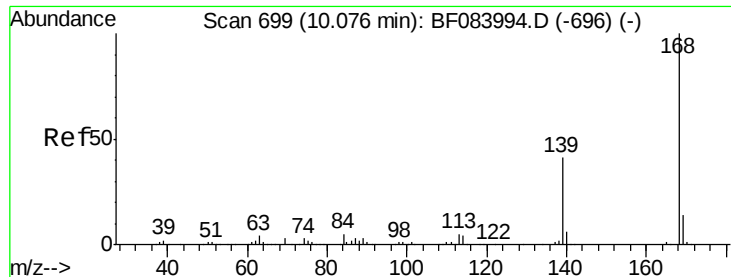
#51
Acenaphthene
Concen: 5.72 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084042.D
Acq: 23 Dec 2015 19:16

Tgt Ion:154 Resp: 38910
Ion Ratio Lower Upper
154 100
153 118.6 91.5 137.3
152 56.1 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

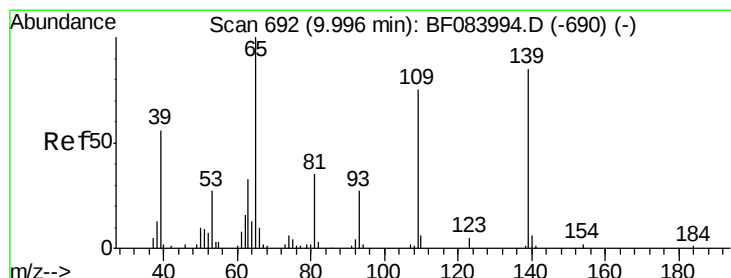
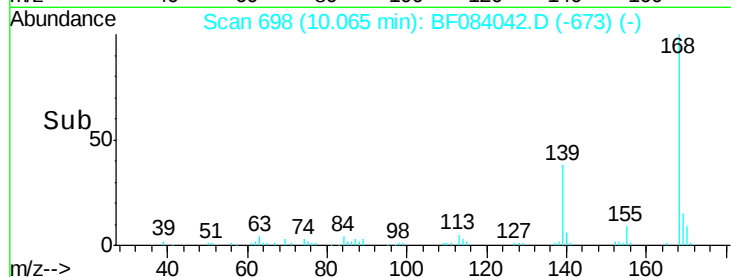
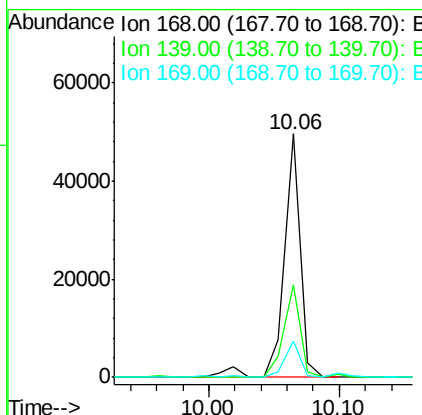
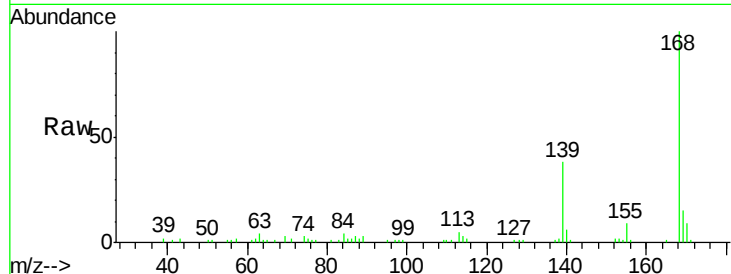




#54
Dibenzenofuran
Concen: 4.24 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF084042.D
Acq: 23 Dec 2015 19:16

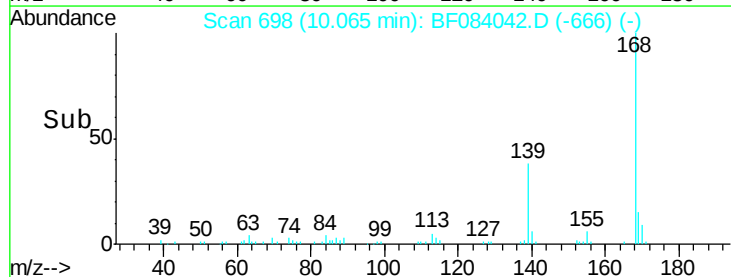
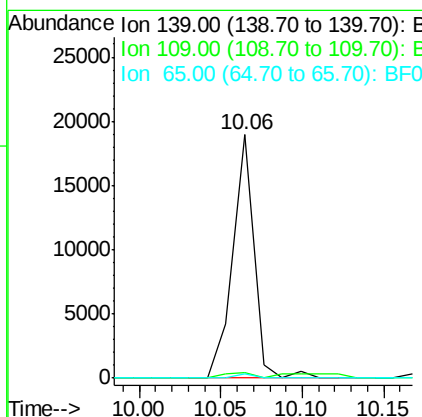
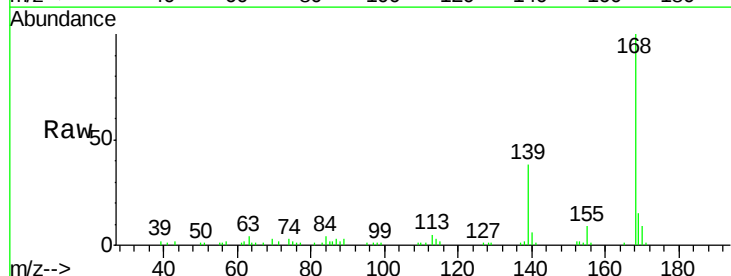
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2(0-2)

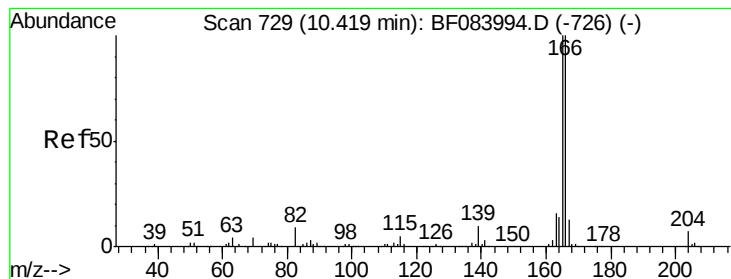
Tgt Ion:168 Resp: 43158
Ion Ratio Lower Upper
168 100
139 38.2 30.5 45.7
169 15.1 10.4 15.6



#55
4-Nitrophenol
Concen: 14.50 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.07 min
Lab File: BF084042.D
Acq: 23 Dec 2015 19:16

Tgt Ion:139 Resp: 16968
Ion Ratio Lower Upper
139 100
109 2.2 58.5 98.5#
65 1.9 57.6 97.6#





#57

Fluorene

Concen: 4.51 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

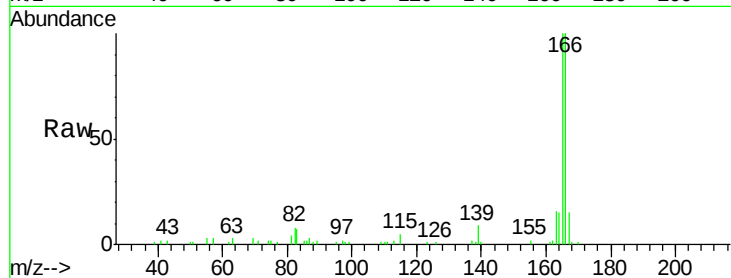
Tgt Ion:166 Resp: 36343

Ion Ratio Lower Upper

166 100

165 100.4 79.1 118.7

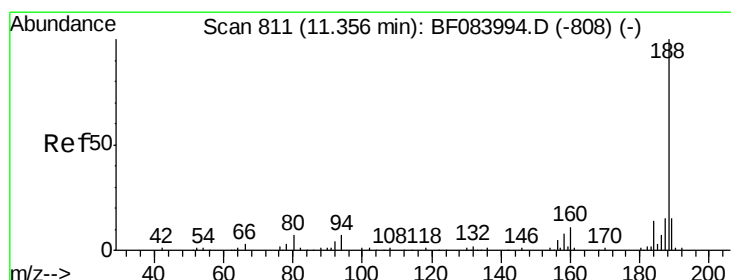
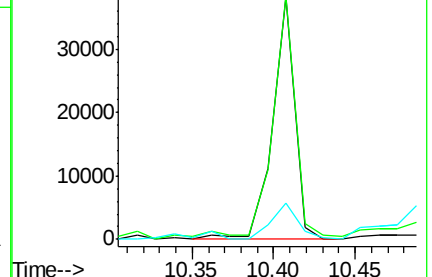
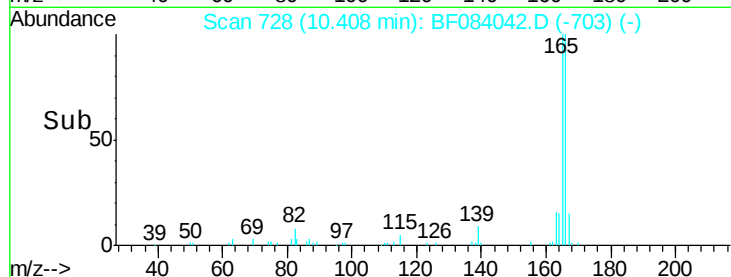
167 14.7 10.4 15.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

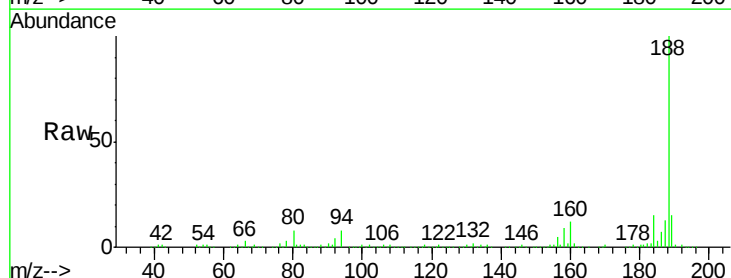
Tgt Ion:188 Resp: 174702

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.4#

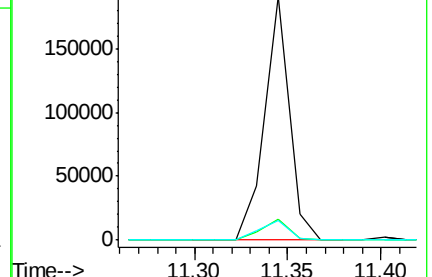
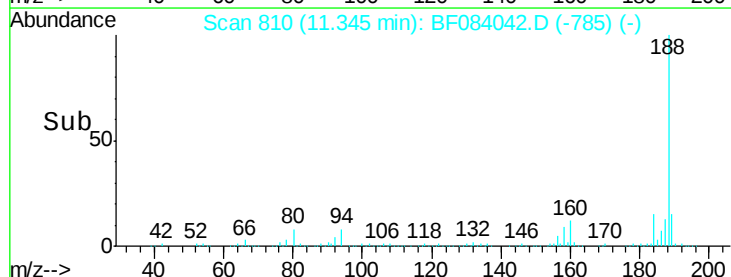
80 8.1 9.6 14.4#

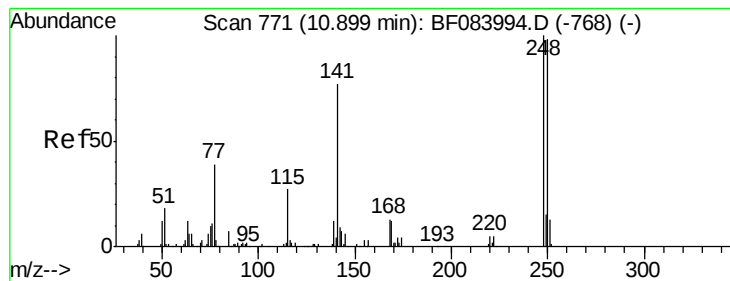


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.40 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.25 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

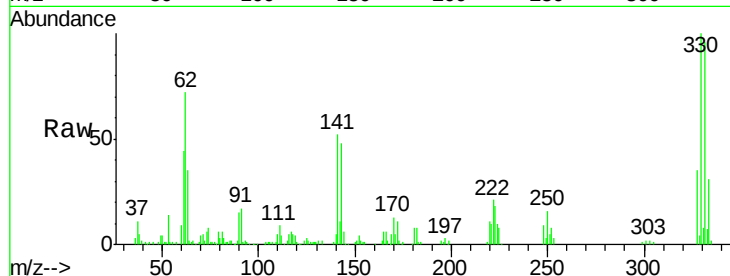
Tgt Ion:248 Resp: 10816

Ion Ratio Lower Upper

248 100

250 187.1 78.4 117.6#

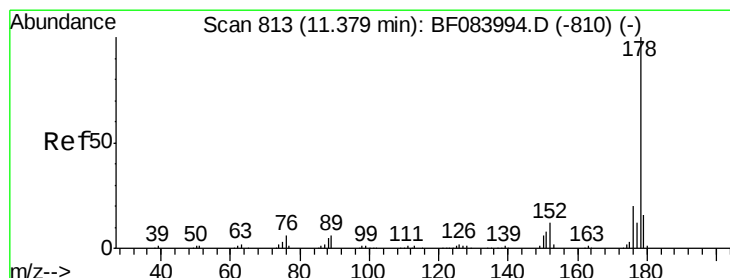
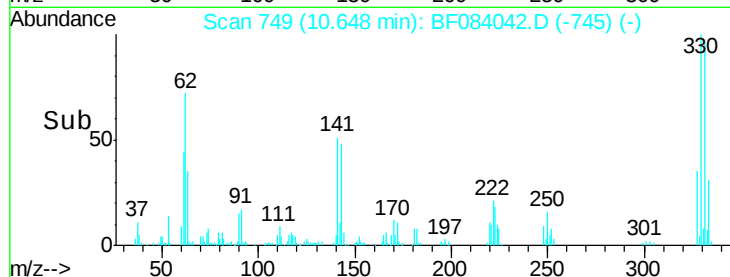
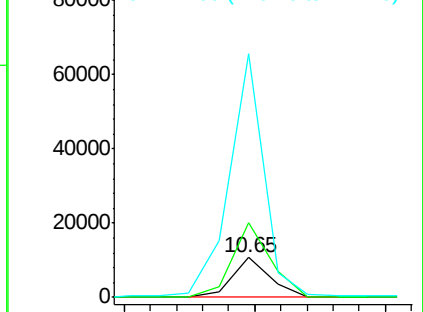
141 610.9 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70

Phenanthrene

Concen: 50.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

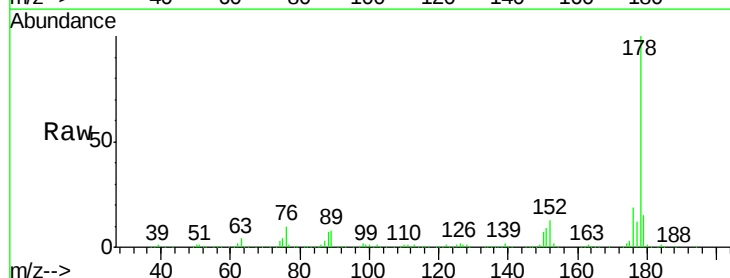
Tgt Ion:178 Resp: 493753

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

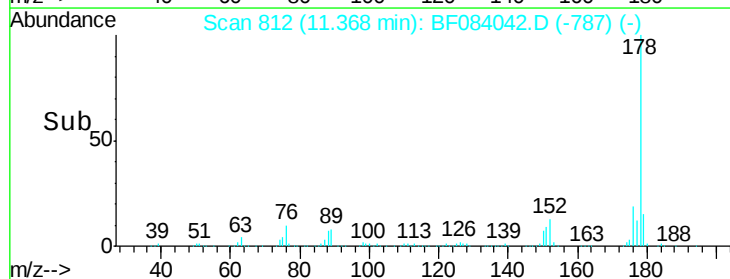
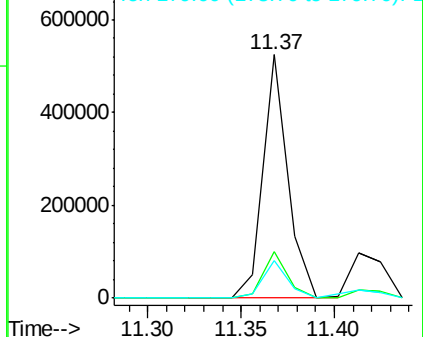
179 15.3 12.0 18.0

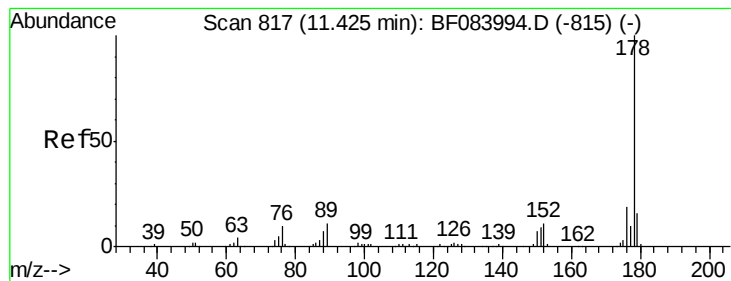


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 12.27 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

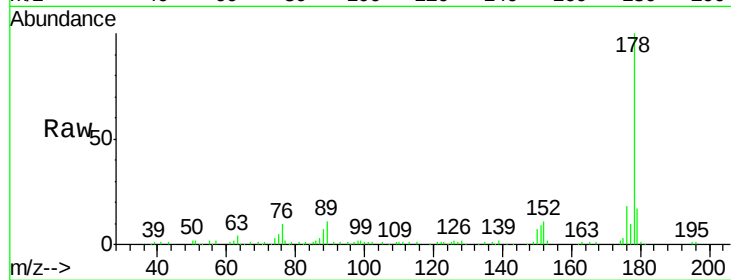
Tgt Ion:178 Resp: 123085

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

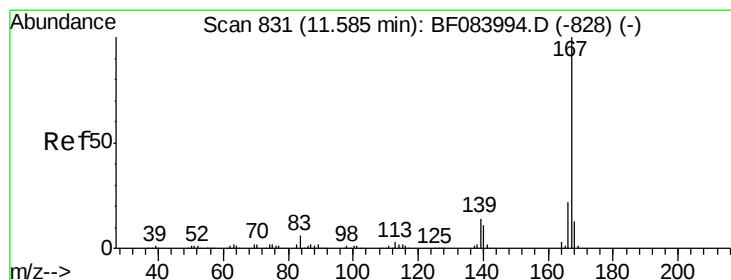
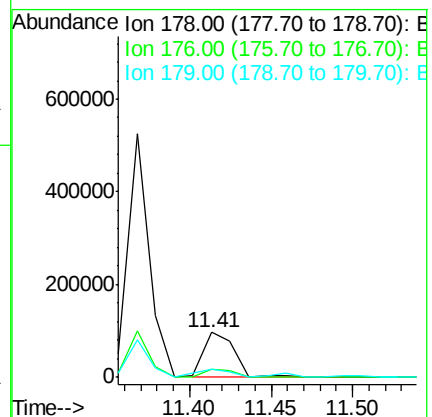
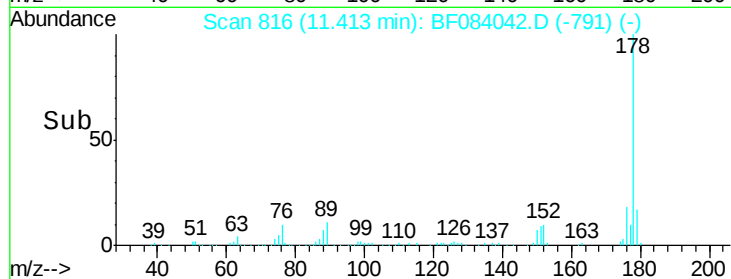
179 16.7 12.5 18.7



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: 5.73 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

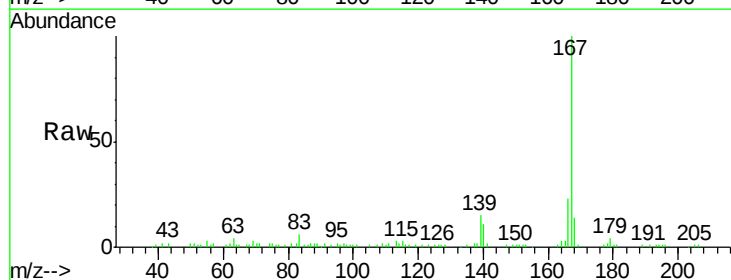
Tgt Ion:167 Resp: 53731

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

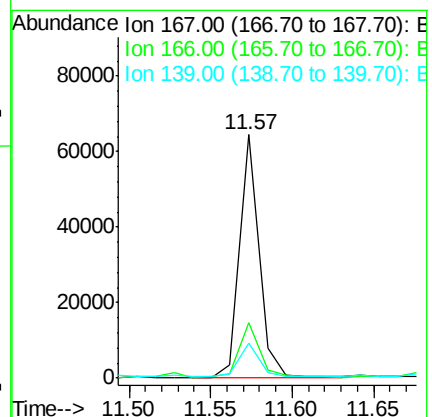
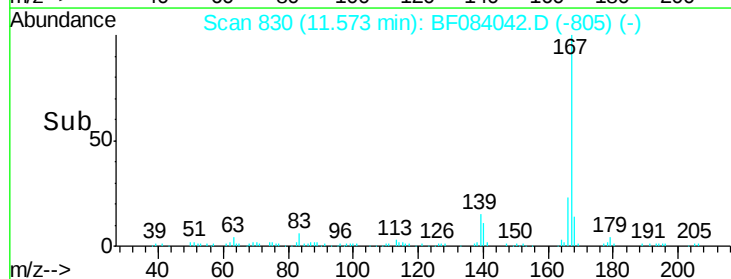
139 14.5 11.8 17.8

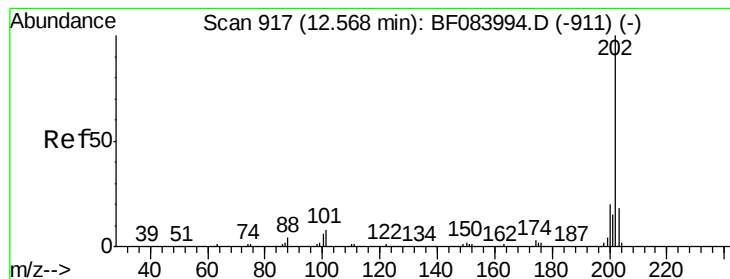


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 63.67 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

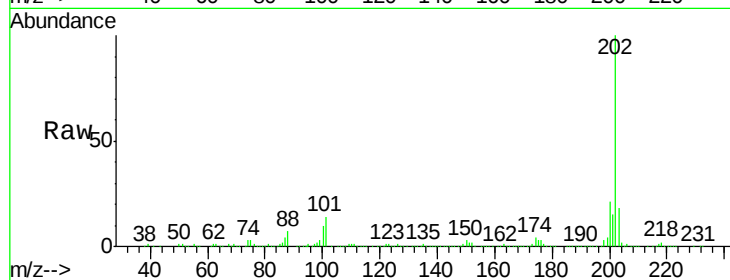
Tgt Ion:202 Resp: 623446

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.8

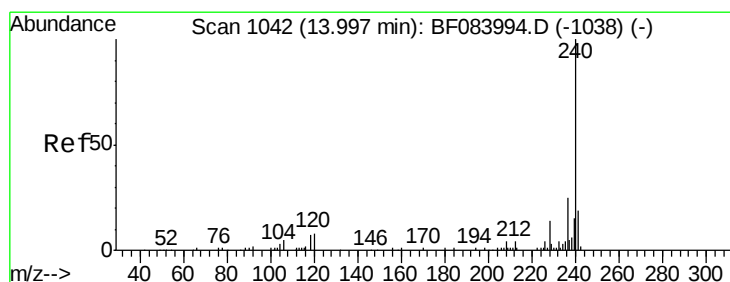
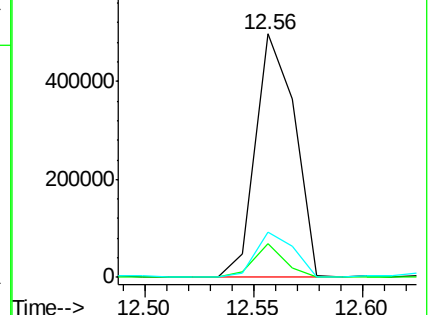
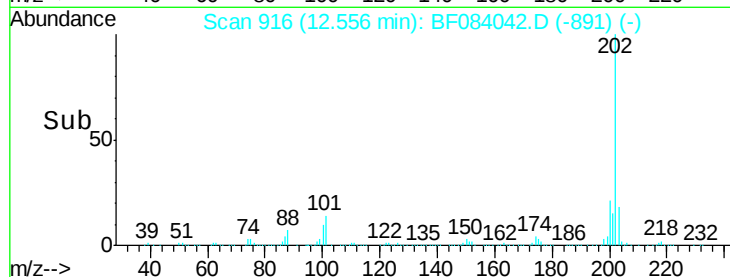
203 18.4 0.0 37.9



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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

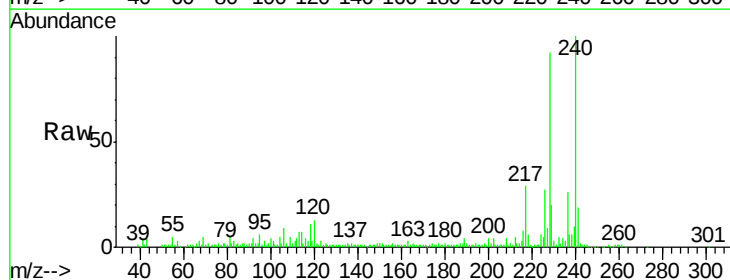
Tgt Ion:240 Resp: 112751

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

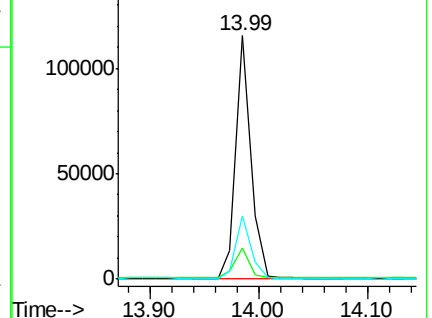
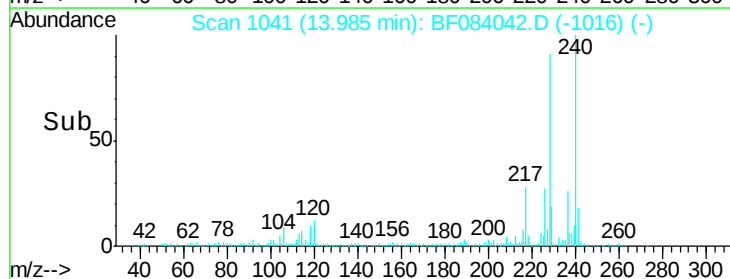
236 25.7 20.6 31.0

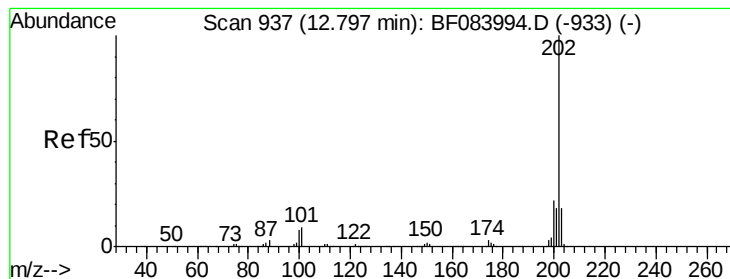


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 73.81 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

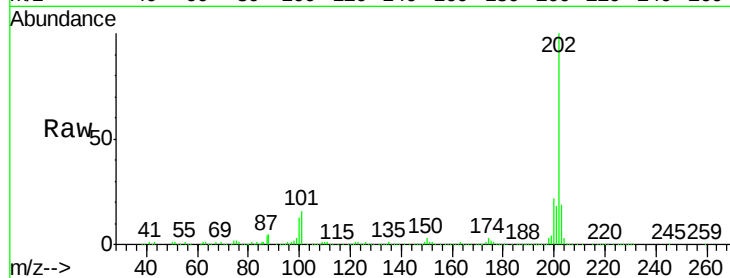
Tgt Ion:202 Resp: 564616

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

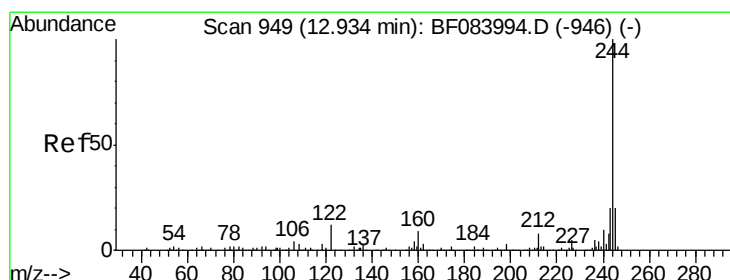
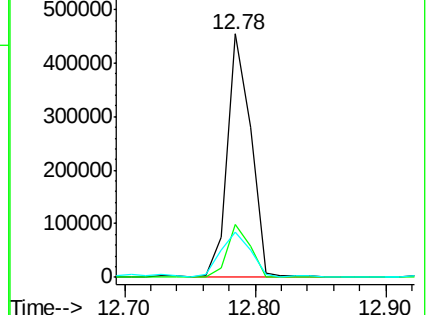
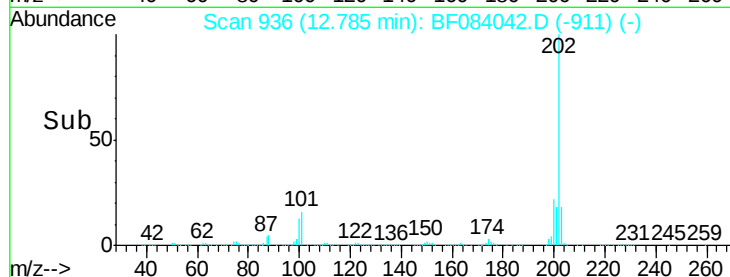
203 18.6 14.3 21.5



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: 114.95 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

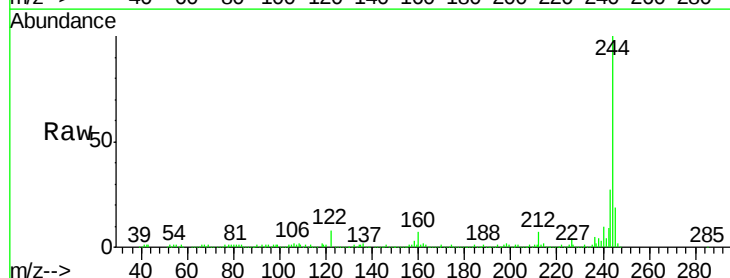
Tgt Ion:244 Resp: 543484

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

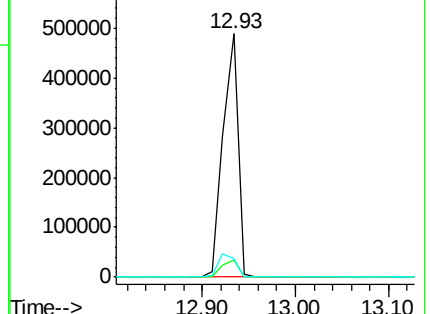
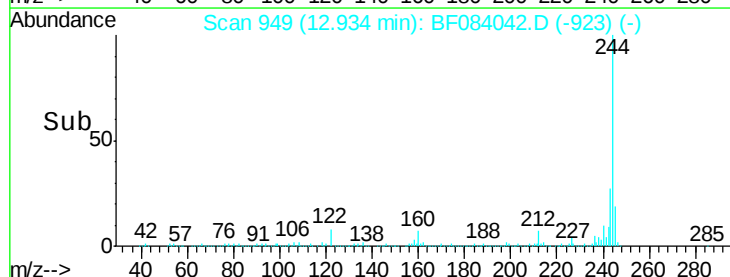
122 7.7 7.4 11.0

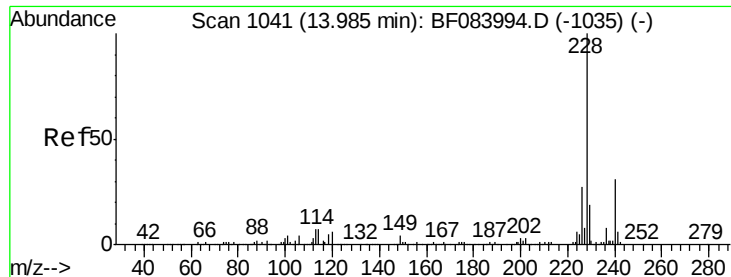


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 45.98 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

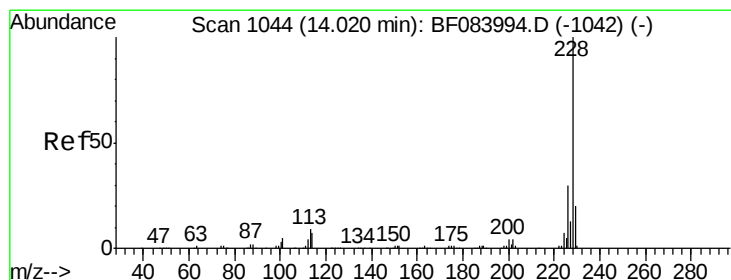
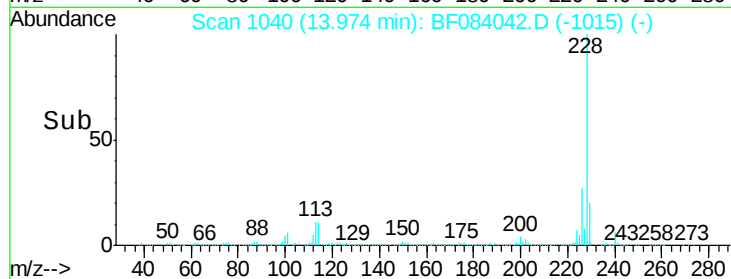
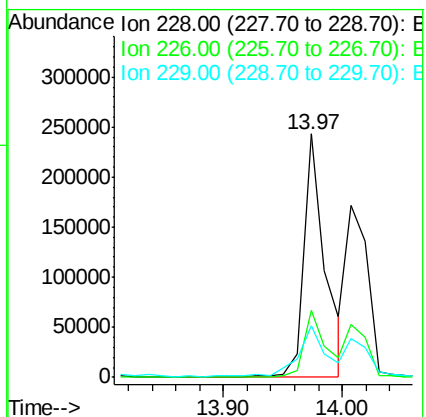
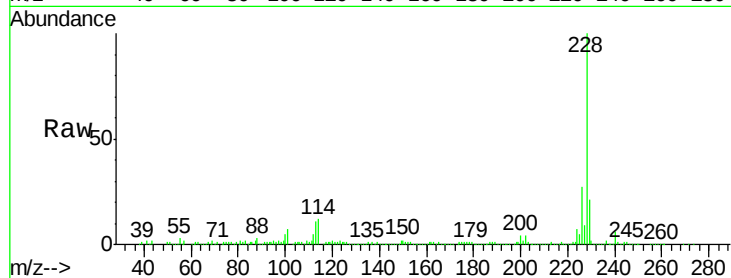
Tgt Ion:228 Resp: 298972

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

229 21.0 15.8 23.8



#82

Chrysene

Concen: 35.93 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

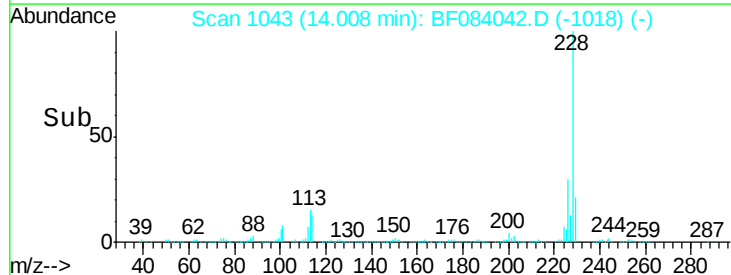
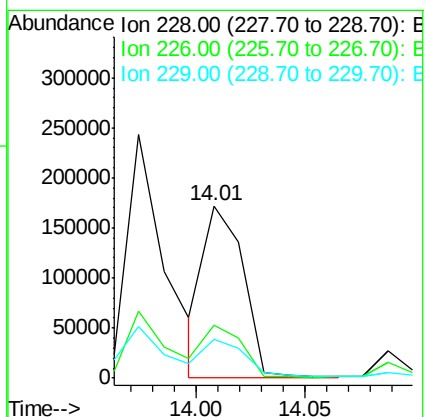
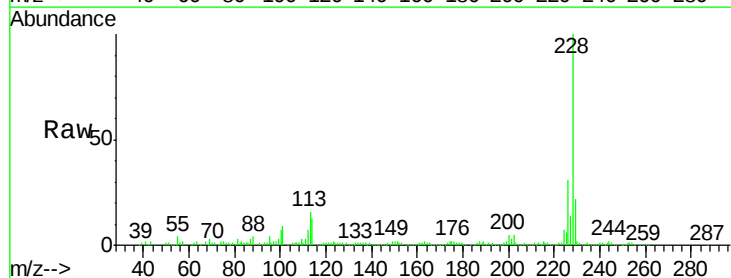
Tgt Ion:228 Resp: 216865

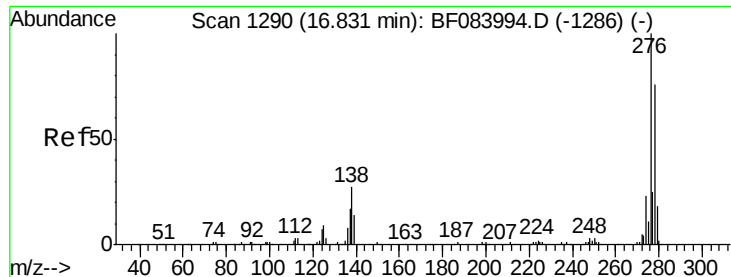
Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 22.2 16.1 24.1

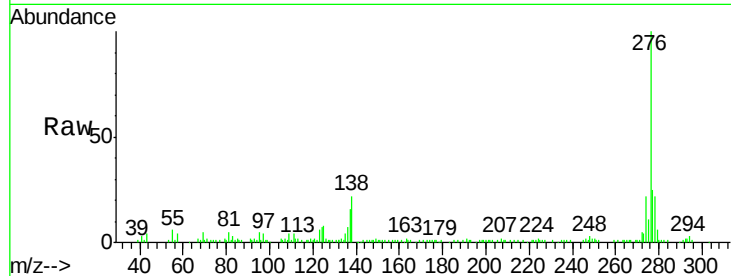




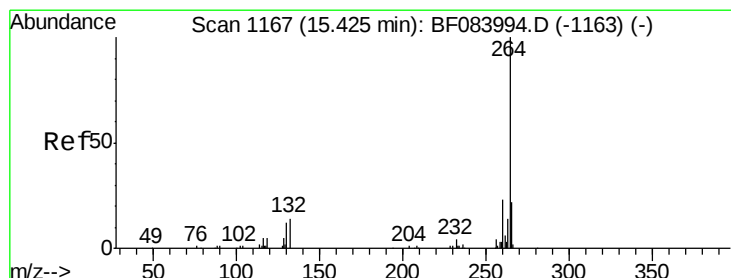
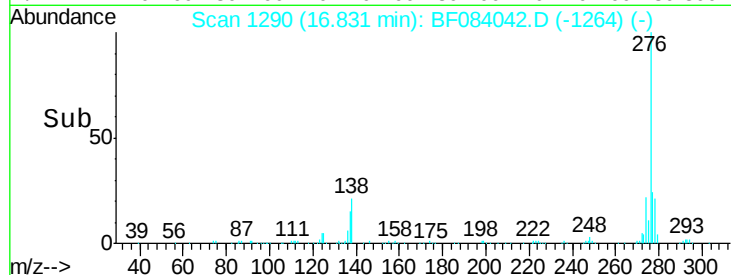
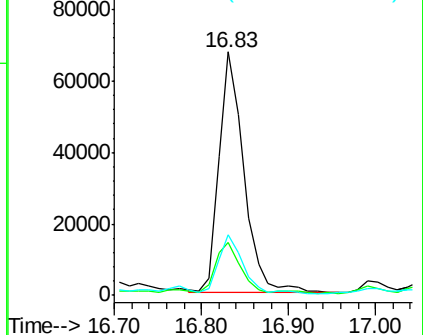
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.19 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF084042.D
 Acq: 23 Dec 2015 19:16

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-2(0-2)

Tgt Ion:276 Resp: 135754
 Ion Ratio Lower Upper
 276 100
 138 21.7 20.6 30.8
 277 23.9 20.1 30.1

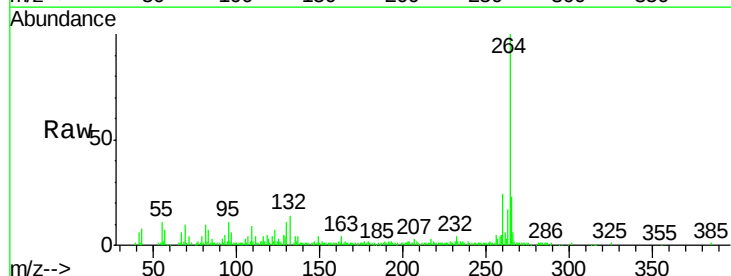


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

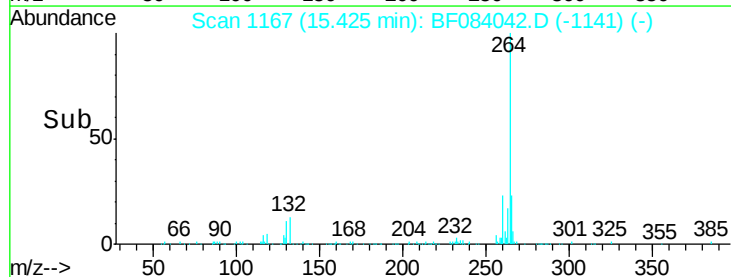
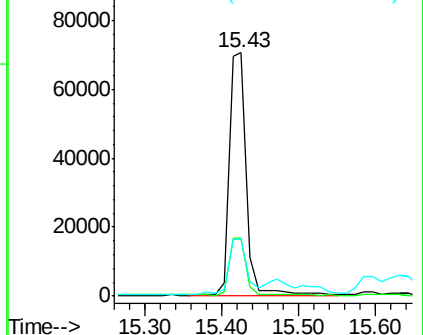


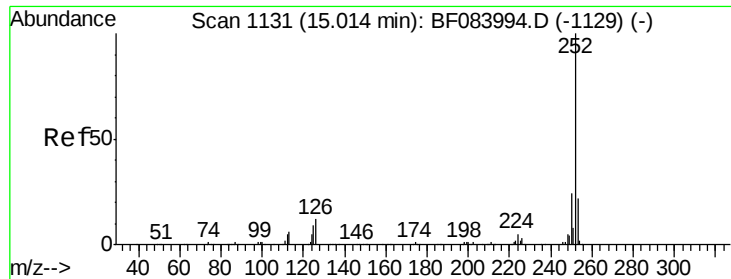
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF084042.D
 Acq: 23 Dec 2015 19:16

Tgt Ion:264 Resp: 114441
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 23.1 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 59.47 ng

RT: 15.01 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

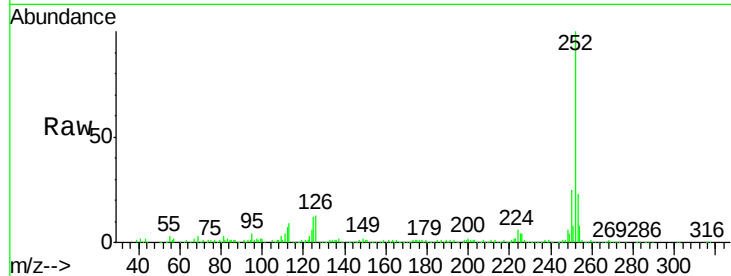
Tgt Ion:252 Resp: 429024

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

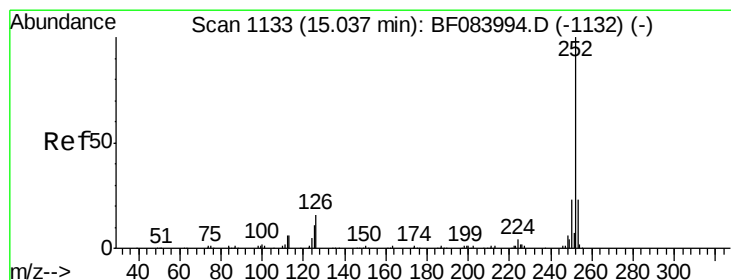
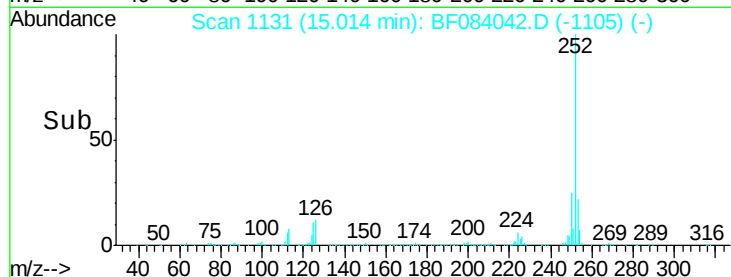
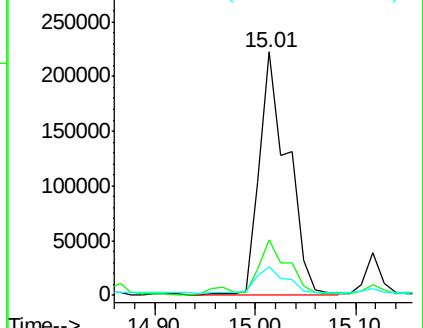
125 11.7 6.5 9.7#



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: 62.53 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

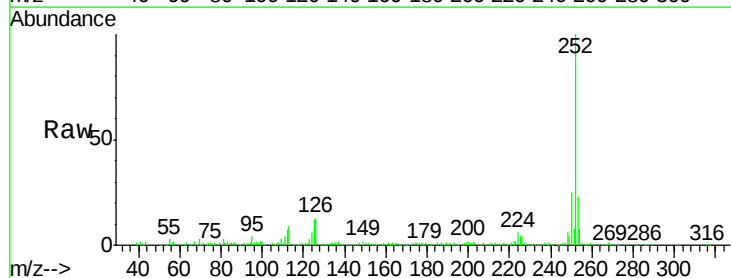
Tgt Ion:252 Resp: 429024

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

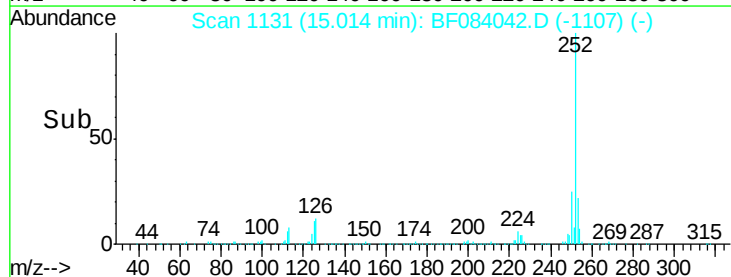
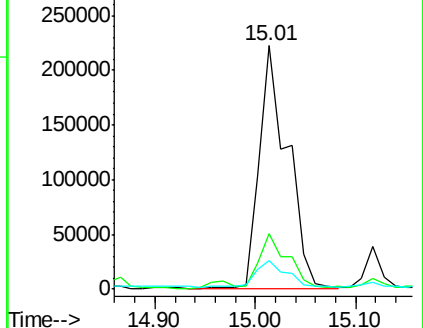
125 11.7 9.0 13.6

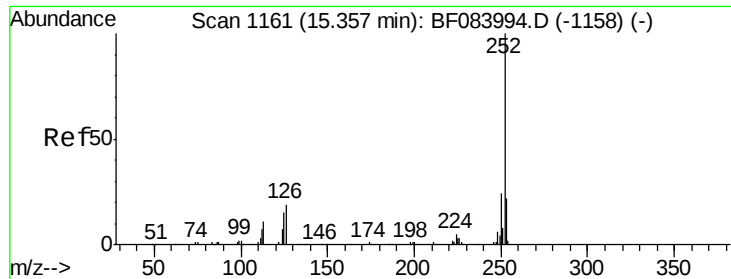


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 31.44 ng

RT: 15.37 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)

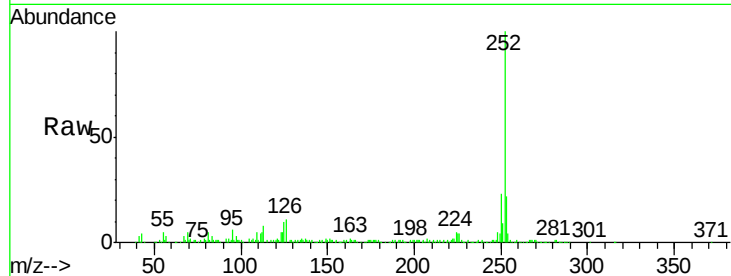
Tgt Ion:252 Resp: 210114

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

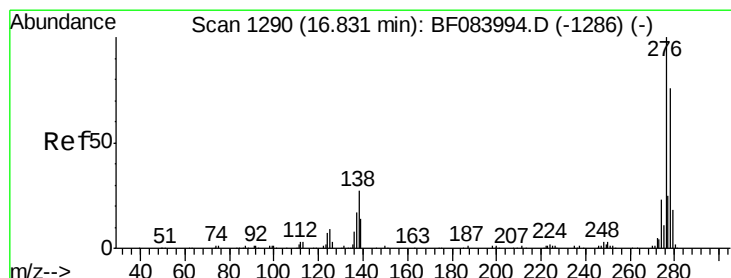
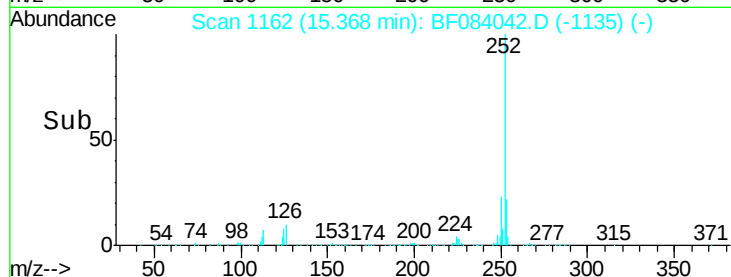
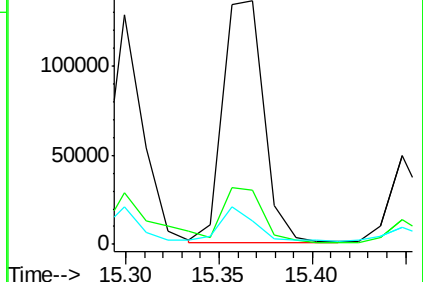
125 9.5 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 4.03 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.18 min

Lab File: BF084042.D

Acq: 23 Dec 2015 19:16

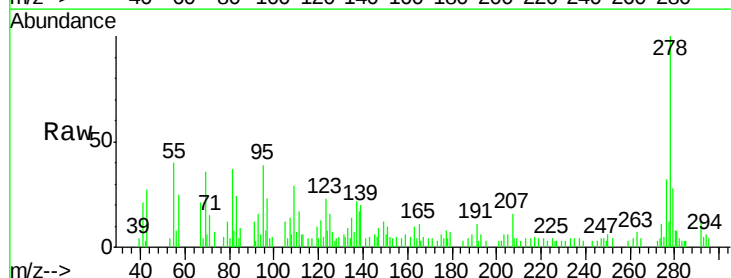
Tgt Ion:278 Resp: 22322

Ion Ratio Lower Upper

278 100

139 20.1 15.0 22.4

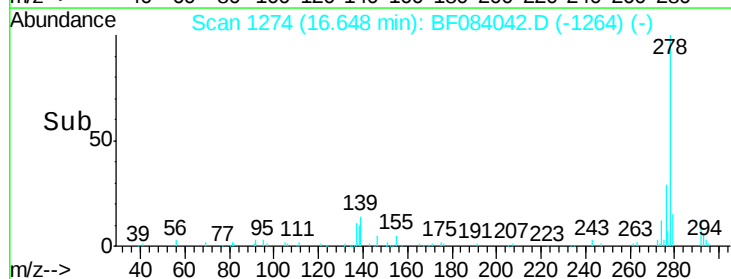
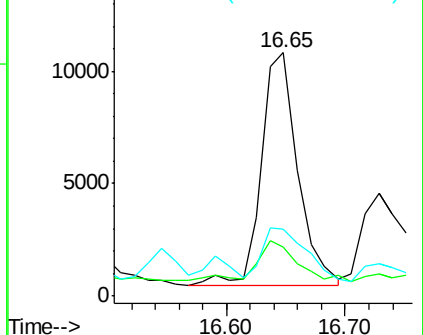
279 27.6 18.9 28.3

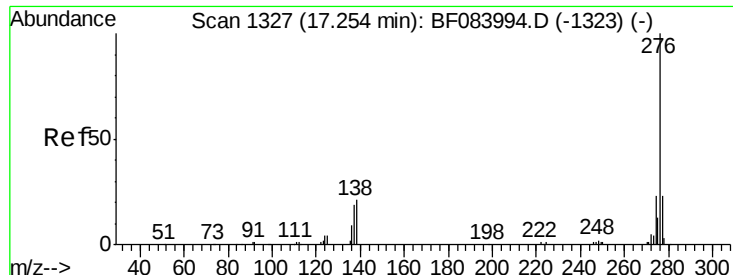


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 21.98 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF084042.D

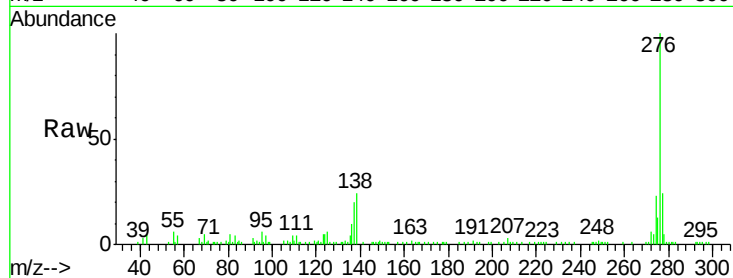
Acq: 23 Dec 2015 19:16

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-2(0-2)



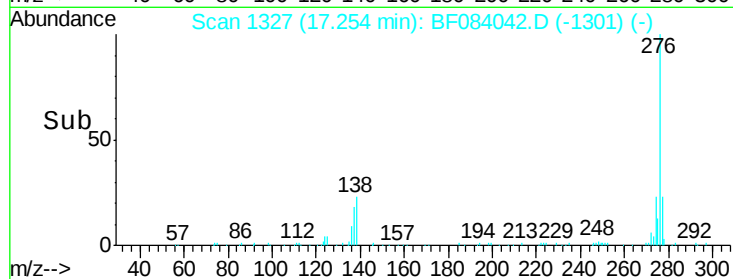
Tgt Ion: 276 Resp: 123119

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 23.8 17.8 26.6



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

