

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091032.D
 Acq On : 4 Nov 2016 20:40
 Operator : UM/SJ
 Sample : H5526-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5

Quant Time: Nov 04 23:25:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	210257	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	791086	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	398872	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	515359	20.00	ng	0.00
75) Chrysene-d12	13.86	240	322410	20.00	ng	0.00
86) Perylene-d12	15.25	264	353831	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1551475	121.87	ng	0.01
7) Phenol-d6	6.36	99	1958555	113.34	ng	0.01
23) Nitrobenzene-d5	7.28	82	1402466	96.71	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	319164	88.51	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1683558	72.67	ng	0.00
78) Terphenyl-d14	12.82	244	1324013	102.48	ng	0.01

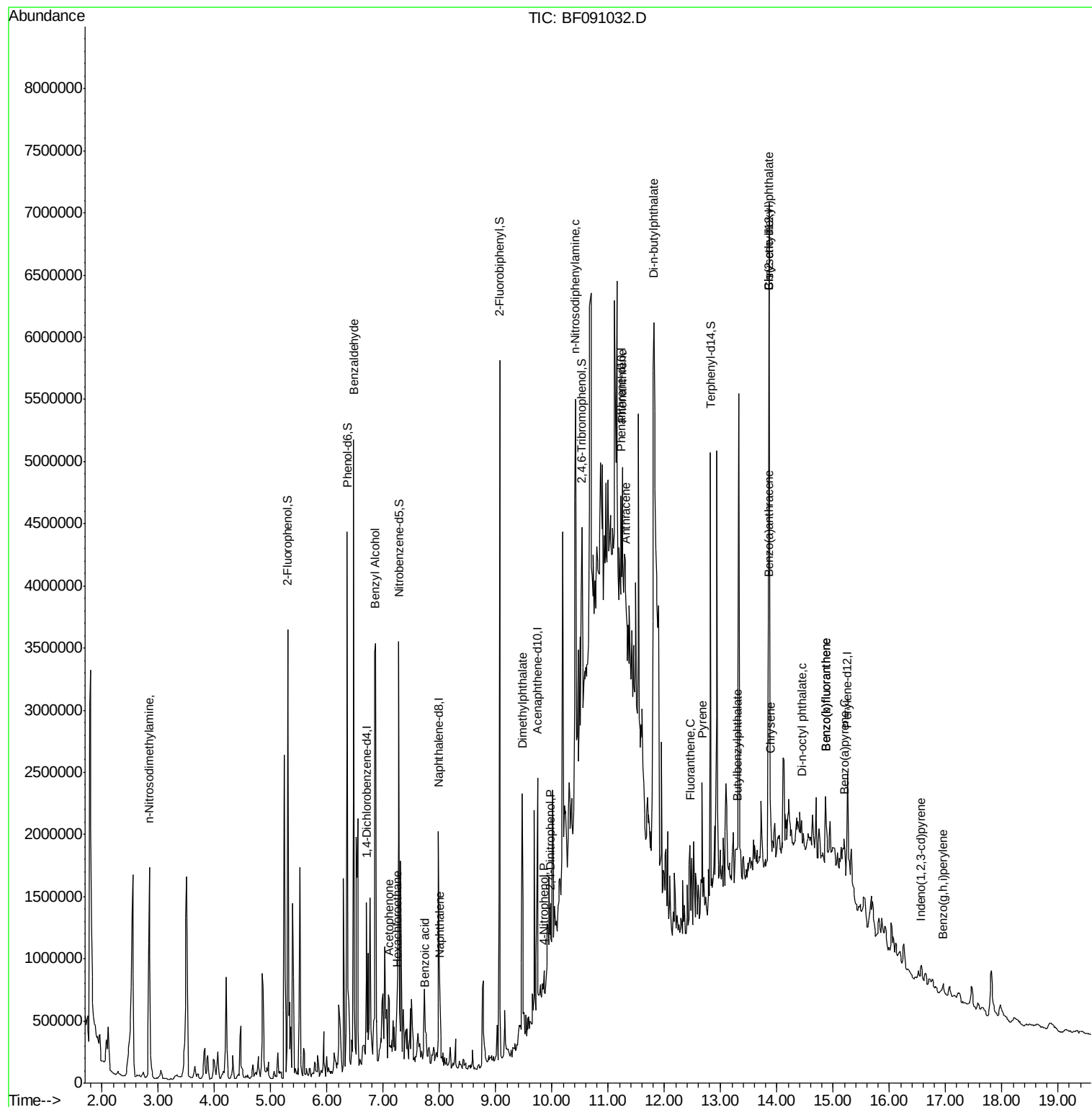
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.84	42	80639	11.97	ng	# 1
9) Benzaldehyde	6.48	77	37455	3.91	ng	87
15) Benzyl Alcohol	6.85	79	30076	2.47	ng	# 59
18) Hexachloroethane	7.24	117	26986	4.23	ng	# 1
22) Acetophenone	7.10	105	79874	4.39	ng	# 41
31) Naphthalene	8.01	128	182778	4.83	ng	99
32) Benzoic acid	7.74	122	7097	5.80	ng	# 20
49) Dimethylphthalate	9.47	163	636472	24.33	ng	98
53) 2,4-Dinitrophenol	9.96	184	1122	6.60	ng	# 1
55) 4-Nitrophenol	9.85	139	1694	6.09	ng	# 1
65) n-Nitrosodiphenylamine	10.42	169	67015	4.09	ng	# 55
70) Phenanthrene	11.25	178	321020	11.72	ng	# 93
71) Anthracene	11.31	178	69023	2.37	ng	# 77
73) Di-n-butylphthalate	11.81	149	15830588	479.55	ng	97
74) Fluoranthene	12.45	202	345566	12.16	ng	90
77) Pyrene	12.67	202	312269	14.79	ng	98
79) Butylbenzylphthalate	13.30	149	45477	4.50	ng	# 96
80) Benzo(a)anthracene	13.85	228	142514	7.79	ng	# 96
82) Chrysene	13.88	228	134512	7.45	ng	# 94
83) Bis(2-ethylhexyl)phthalate	13.86	149	2585673	189.18	ng	# 94
84) Di-n-octyl phthalate	14.44	149	91787	4.08	ng	# 32
85) Indeno(1,2,3-cd)pyrene	16.57	276	68524	4.58	ng	# 92
87) Benzo(b)fluoranthene	14.87	252	257301	10.72	ng	# 87
88) Benzo(k)fluoranthene	14.87	252	257301	12.22	ng	# 91
89) Benzo(a)pyrene	15.20	252	111678	5.35	ng	# 78
91) Benzo(g,h,i)perylene	16.96	276	61570	3.77	ng	# 91

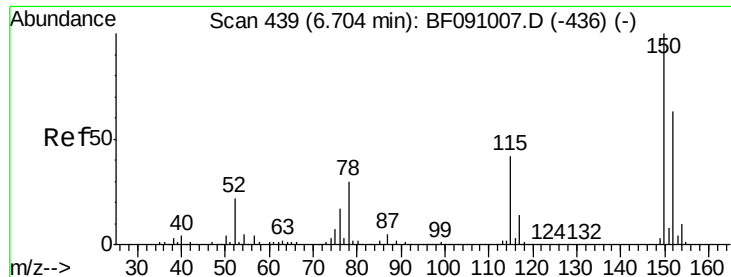
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5

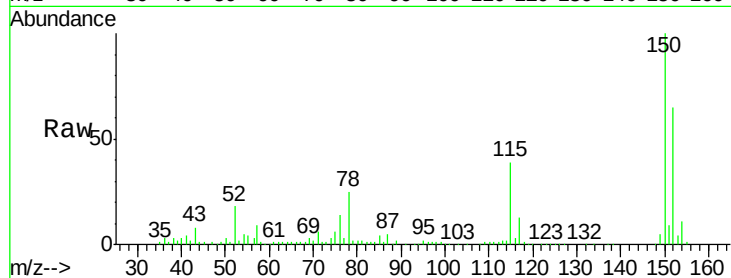
Tgt Ion:152 Resp: 210257

Ion Ratio Lower Upper

152 100

150 154.4 126.8 190.2

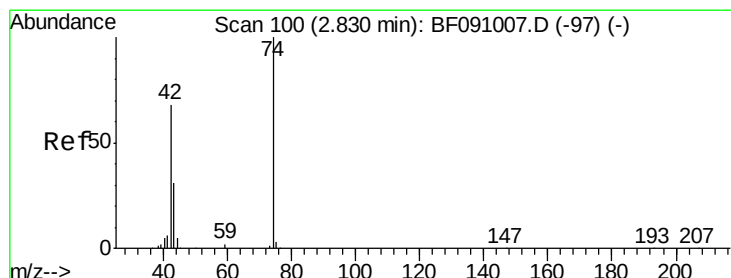
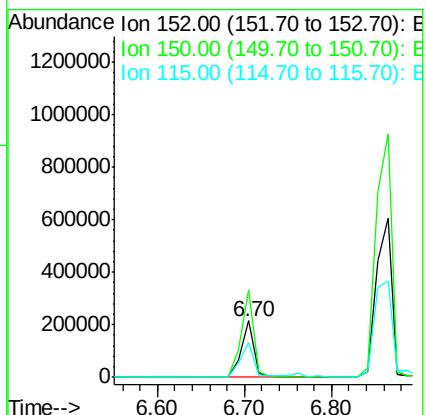
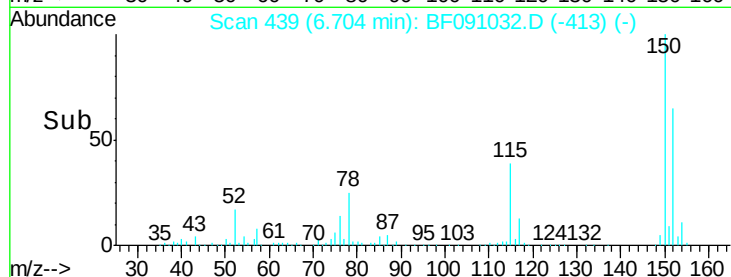
115 61.0 53.3 79.9



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



#4

n-Nitrosodimethylamine

Concen: 11.97 ng

RT: 2.84 min Scan# 101

Delta R.T. 0.01 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

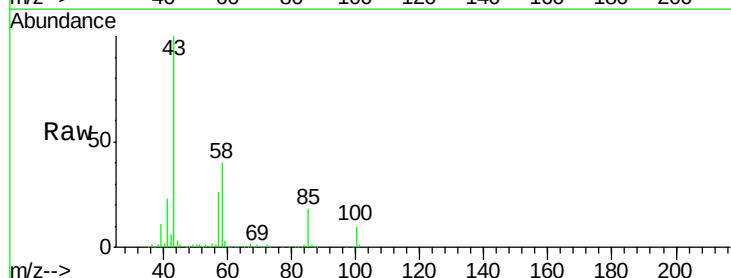
Tgt Ion: 42 Resp: 80639

Ion Ratio Lower Upper

42 100

74 0.0 117.3 175.9#

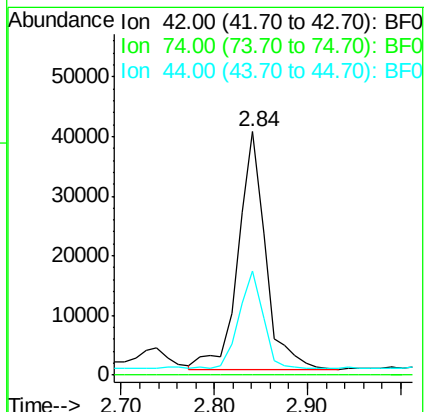
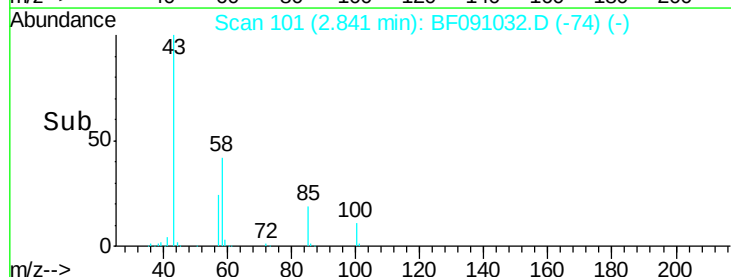
44 42.6 5.8 8.8#

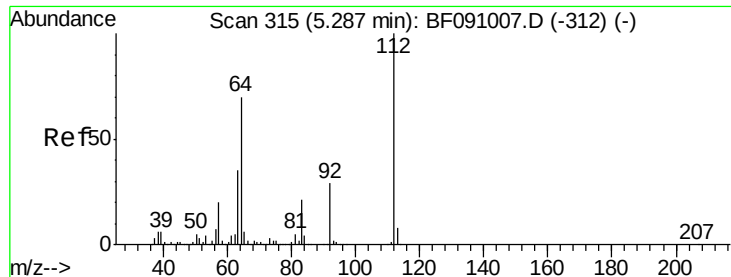


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.87 ng

RT: 5.30 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5

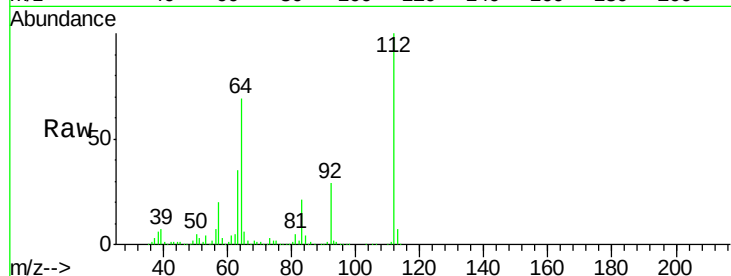
Tgt Ion:112 Resp: 1551475

Ion Ratio Lower Upper

112 100

64 68.8 55.8 83.6

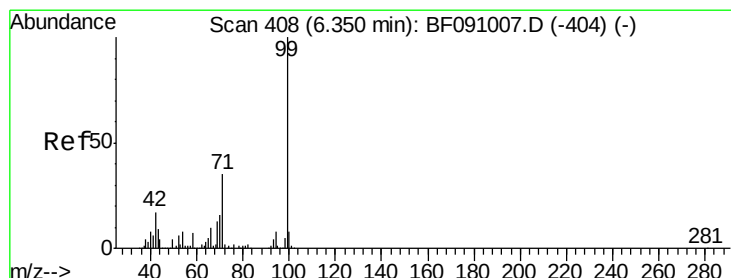
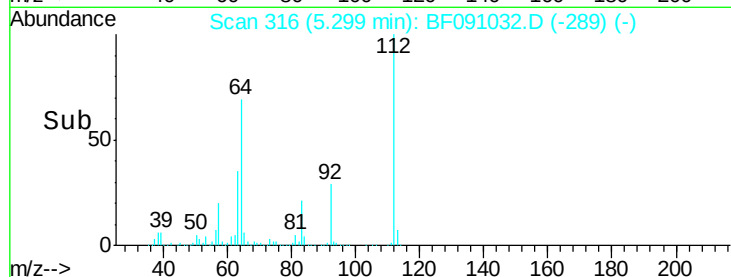
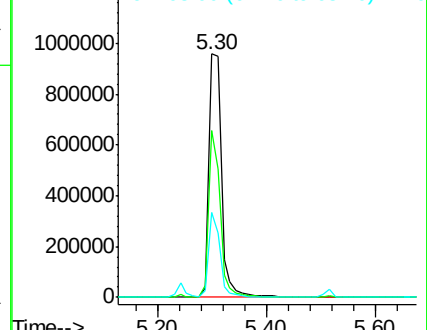
63 34.9 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 113.34 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

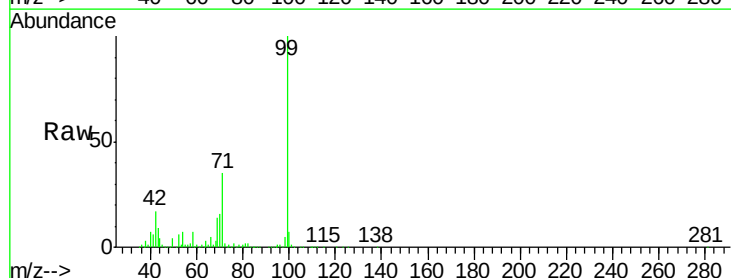
Tgt Ion: 99 Resp: 1958555

Ion Ratio Lower Upper

99 100

42 17.2 13.9 20.9

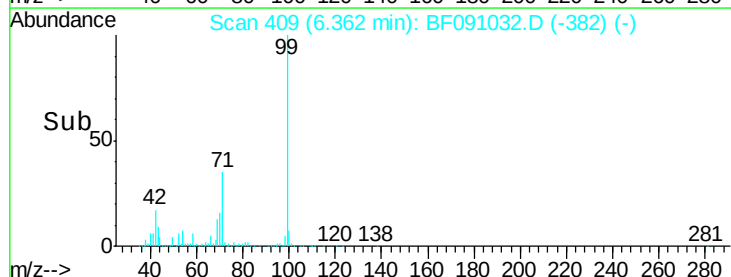
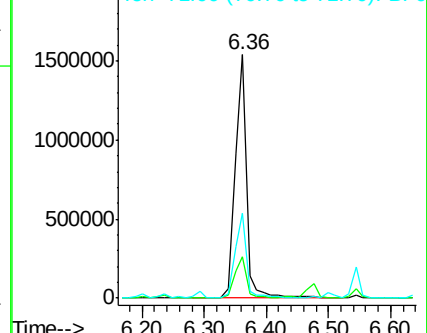
71 34.7 27.8 41.8

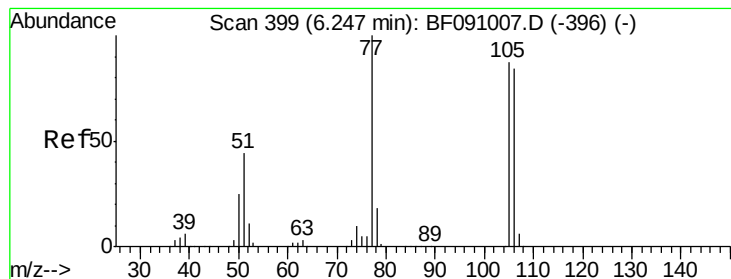


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 3.91 ng

RT: 6.48 min Scan# 419

Delta R.T. 0.23 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

Instrument :

BNA_F

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SB-107-1.0-1.5

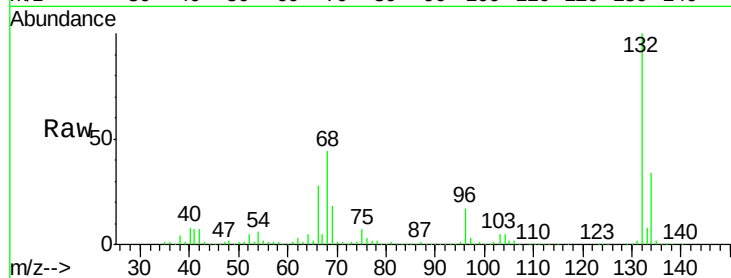
Tgt Ion: 77 Resp: 37455

Ion Ratio Lower Upper

77 100

105 78.6 66.8 106.8

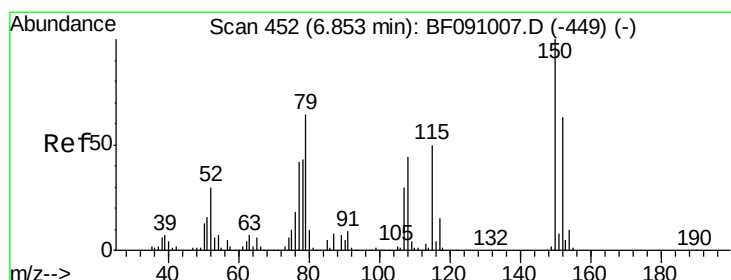
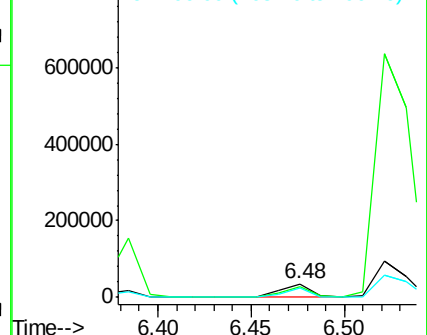
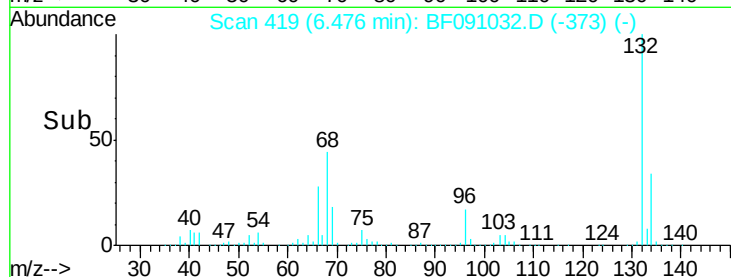
106 67.8 64.0 104.0



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: 2.47 ng

RT: 6.85 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

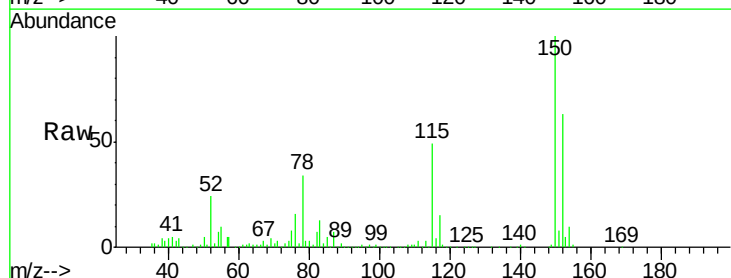
Tgt Ion: 79 Resp: 30076

Ion Ratio Lower Upper

79 100

108 25.7 55.7 83.5#

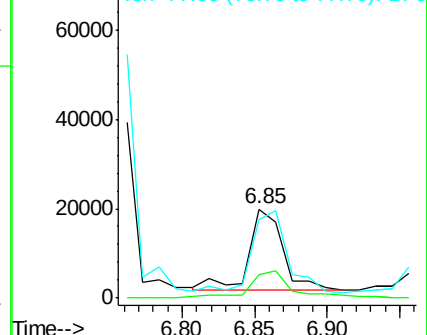
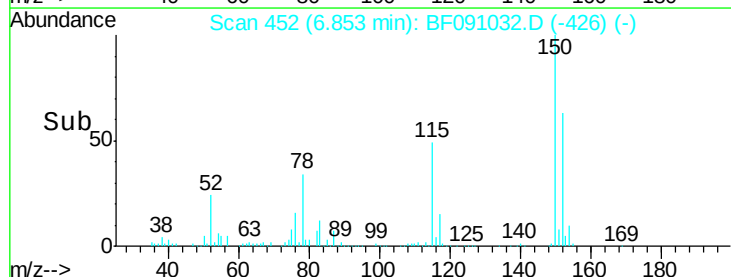
77 88.5 52.6 79.0#

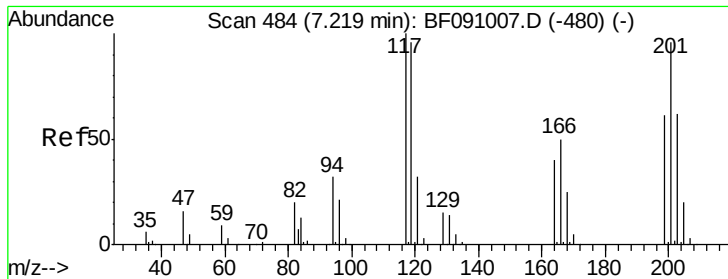


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

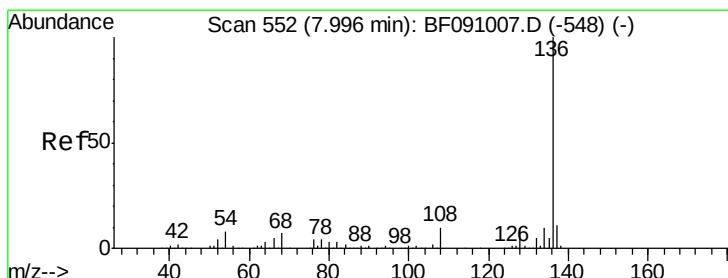
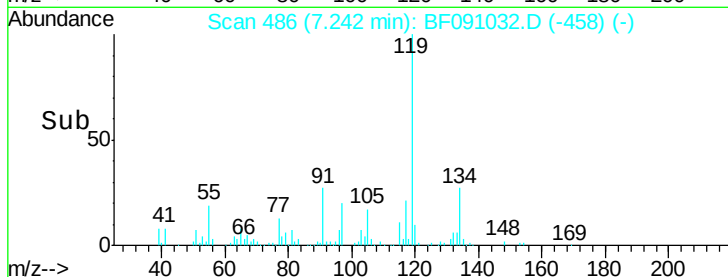
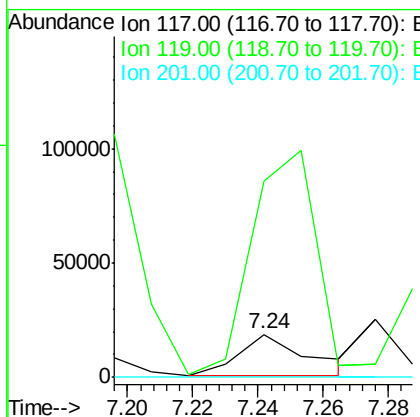
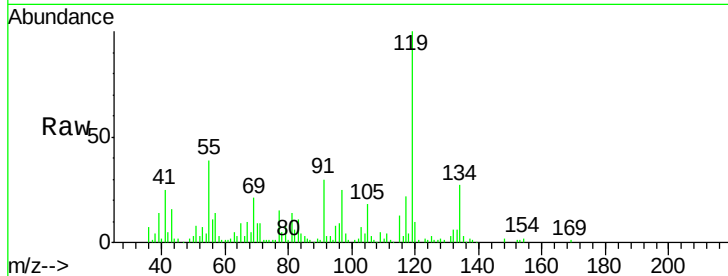




#18
Hexachloroethane
Concen: 4.23 ng
RT: 7.24 min Scan# 486
Delta R.T. 0.02 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

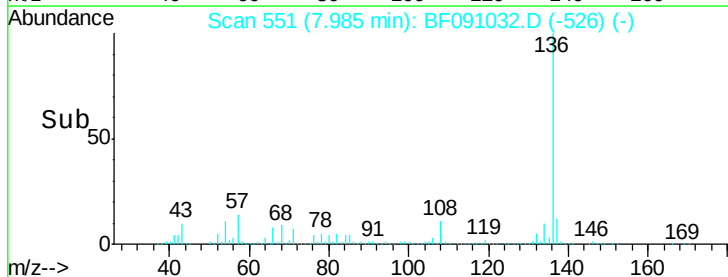
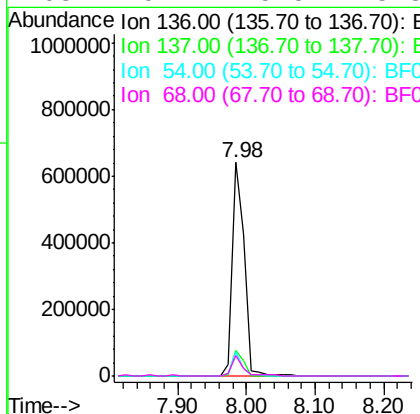
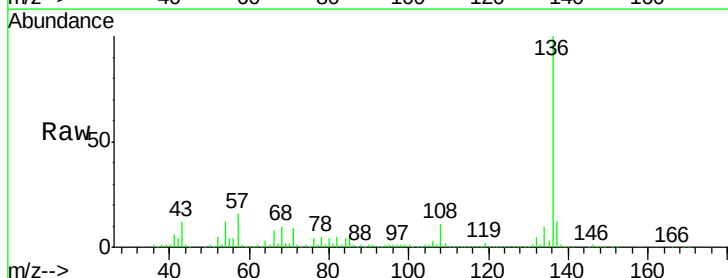
Instrument :
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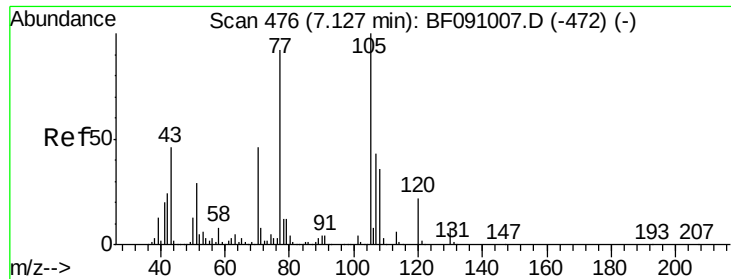
Tgt Ion:117 Resp: 26986
Ion Ratio Lower Upper
117 100
119 458.1 76.6 115.0#
201 0.0 77.1 115.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:136 Resp: 791086
Ion Ratio Lower Upper
136 100
137 11.9 8.9 13.3
54 11.6 6.2 9.2#
68 9.7 5.5 8.3#





#22

Acetophenone

Concen: 4.39 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5

Tgt Ion:105 Resp: 79874

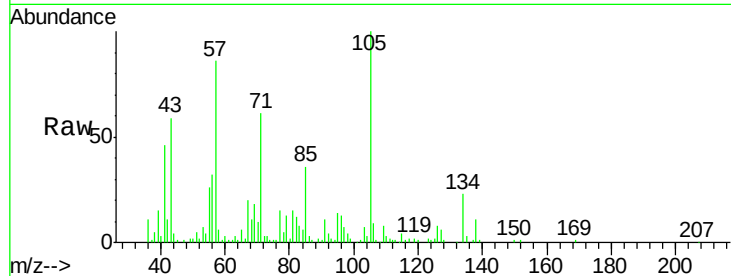
Ion Ratio Lower Upper

105 100

71 61.4 6.2 9.2#

51 5.4 23.3 34.9#

120 0.5 17.4 26.0#

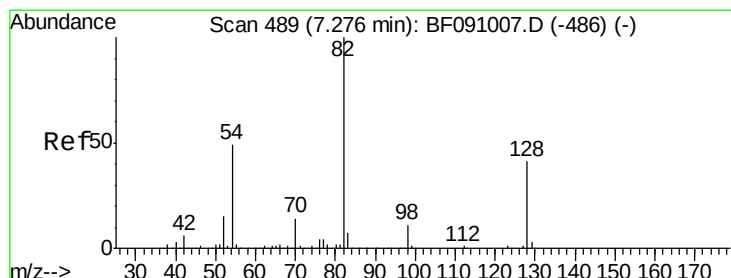
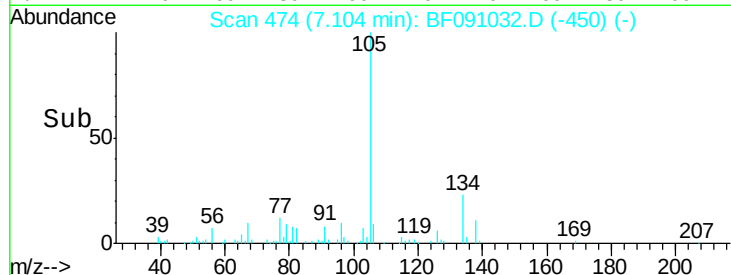
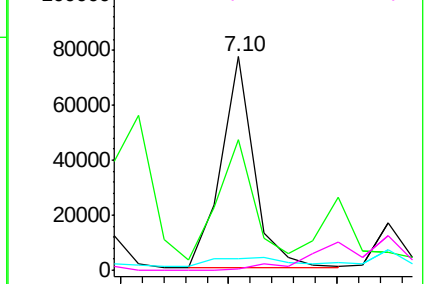


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 96.71 ng

RT: 7.28 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

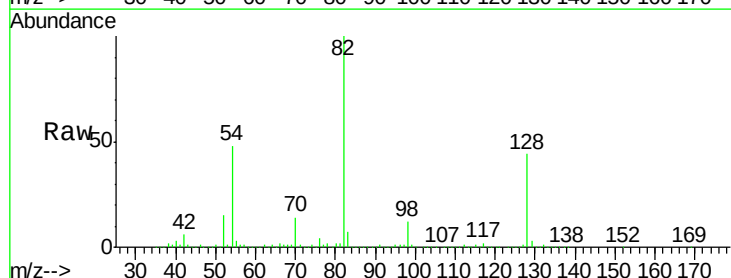
Tgt Ion: 82 Resp: 1402466

Ion Ratio Lower Upper

82 100

128 44.5 32.4 48.6

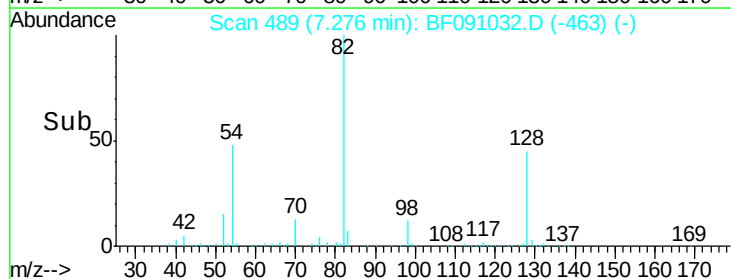
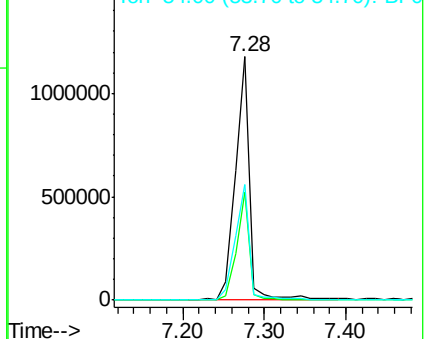
54 47.7 39.2 58.8

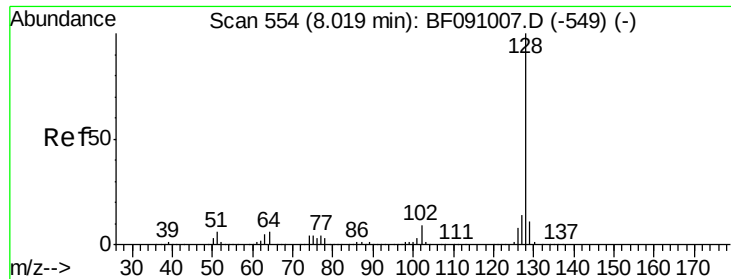


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

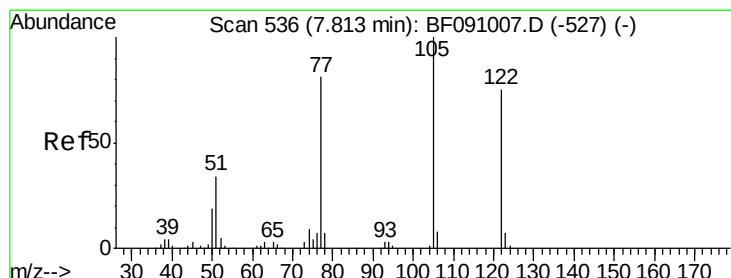
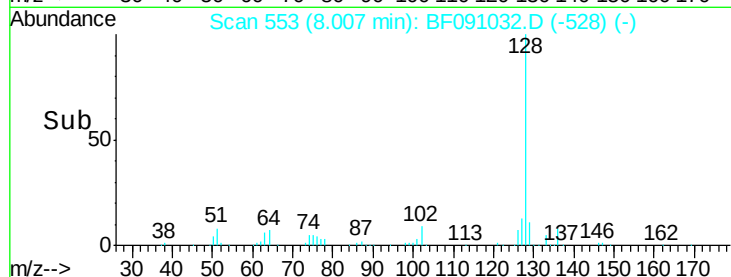
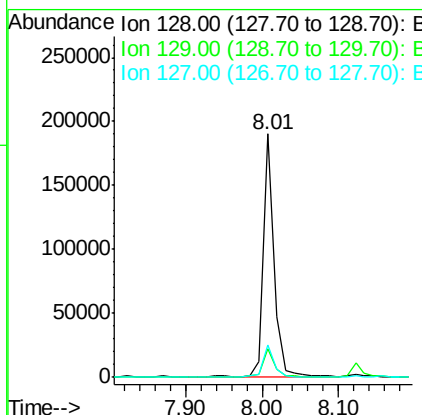
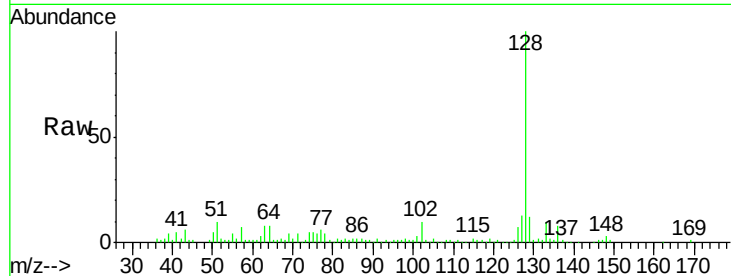




#31
Naphthalene
Concen: 4.83 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

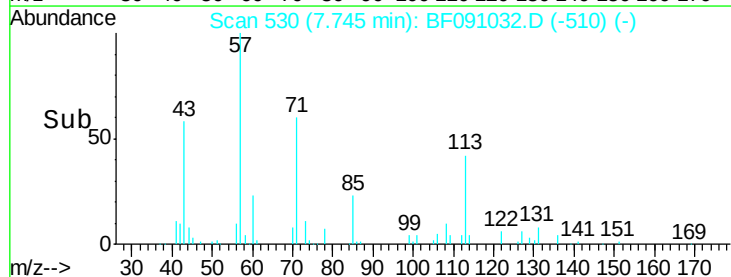
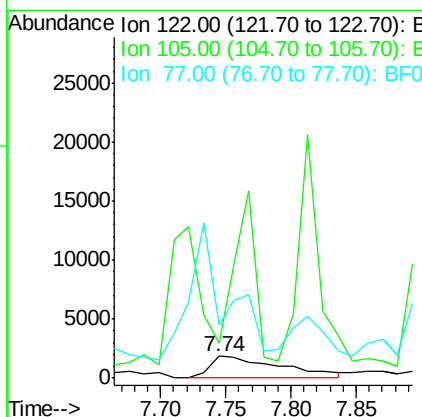
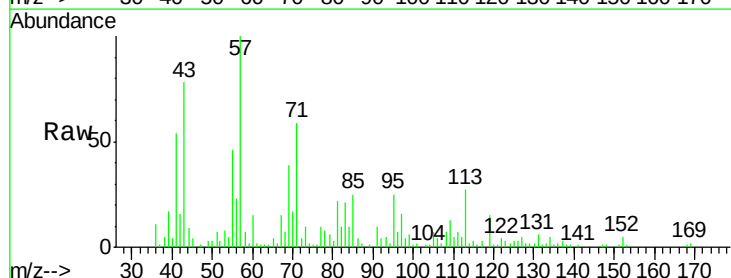
Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

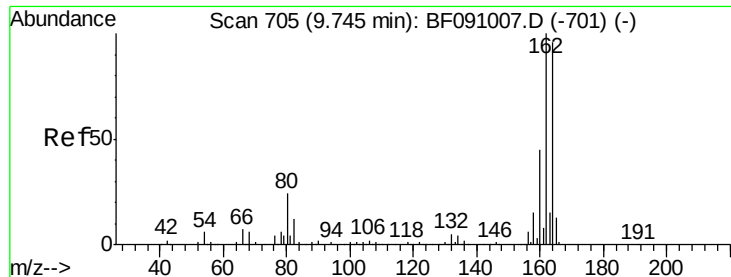
Tgt Ion:128 Resp: 182778
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 5.80 ng
RT: 7.74 min Scan# 530
Delta R.T. -0.07 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:122 Resp: 7097
Ion Ratio Lower Upper
122 100
105 162.0 105.9 145.9#
77 244.9 84.0 124.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5

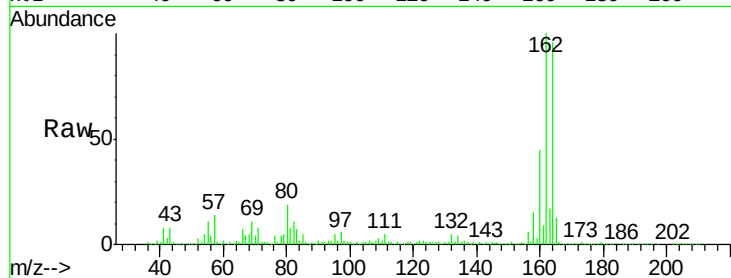
Tgt Ion:164 Resp: 398872

Ion Ratio Lower Upper

164 100

162 104.3 83.6 125.4

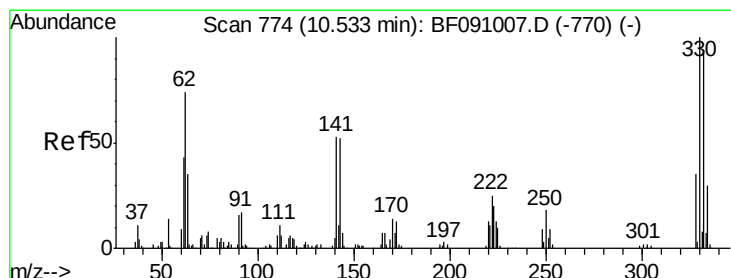
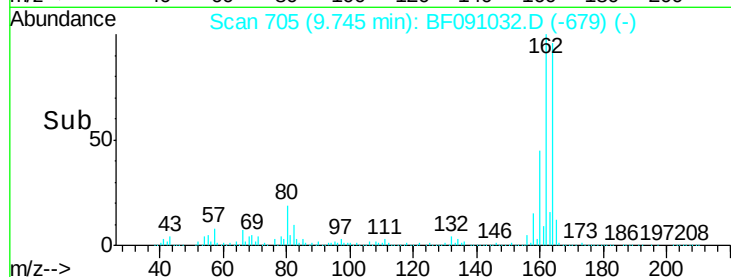
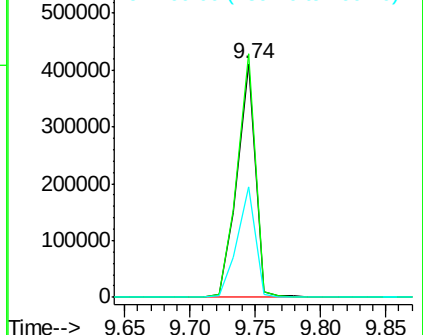
160 47.4 37.9 56.9



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: 88.51 ng

RT: 10.53 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

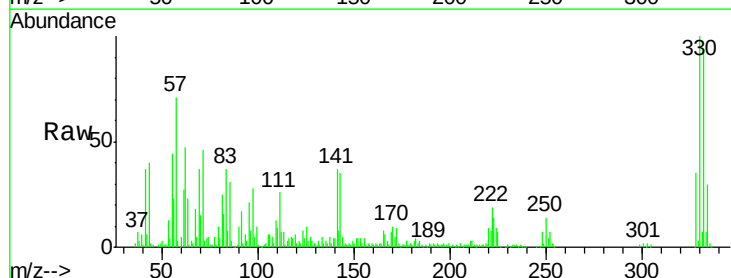
Tgt Ion:330 Resp: 319164

Ion Ratio Lower Upper

330 100

332 95.2 75.9 113.9

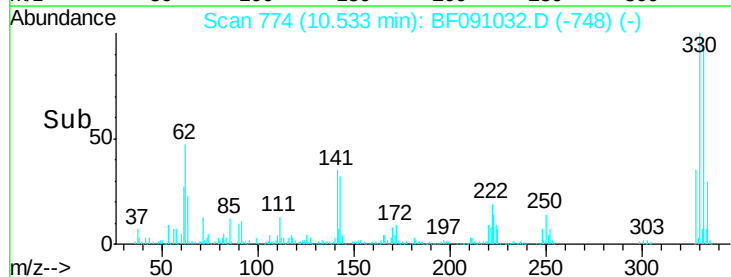
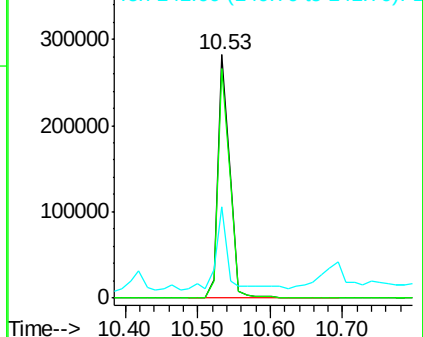
141 32.3 36.1 54.1#

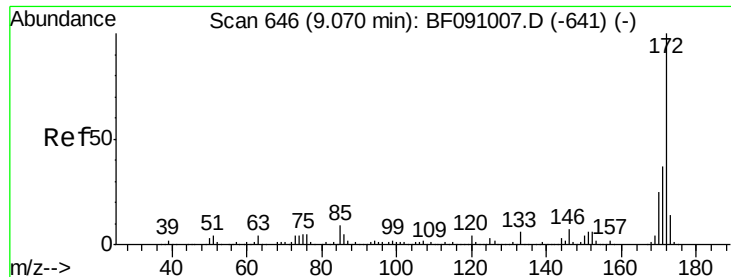


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

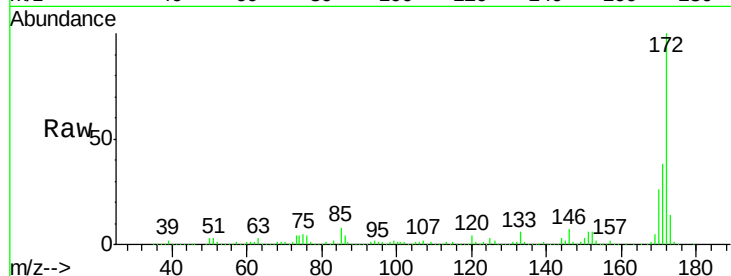




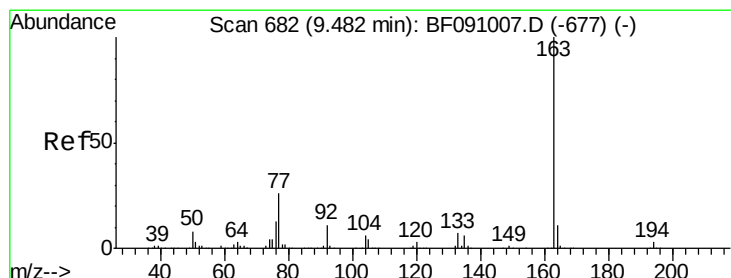
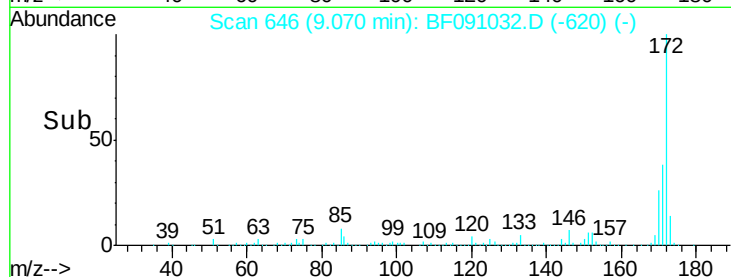
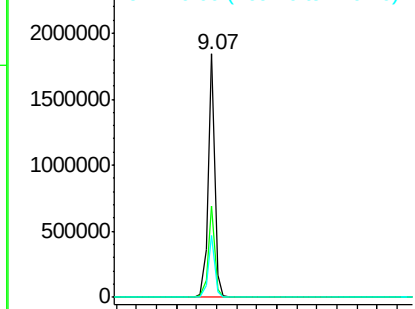
#44
2-Fluorobiphenyl
Concen: 72.67 ng
RT: 9.07 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

Tgt Ion:172 Resp: 1683558
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 25.6 20.3 30.5

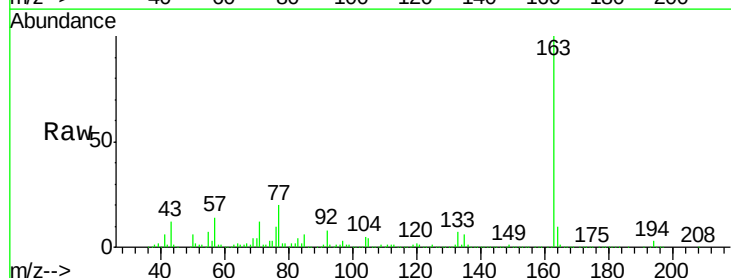


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

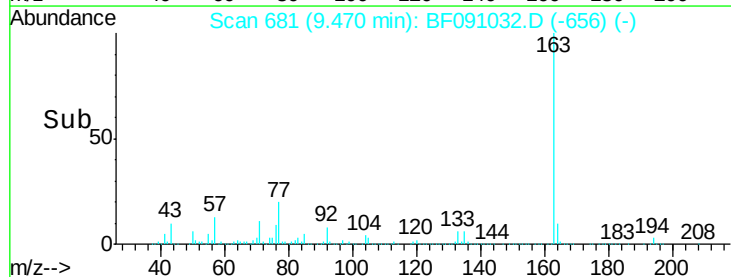
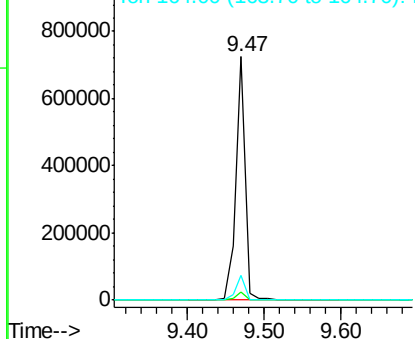


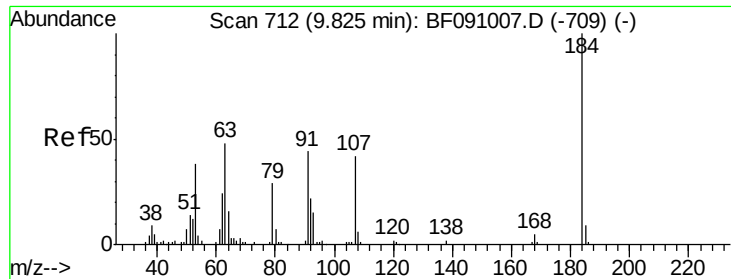
#49
Dimethylphthalate
Concen: 24.33 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:163 Resp: 636472
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.7 13.1



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

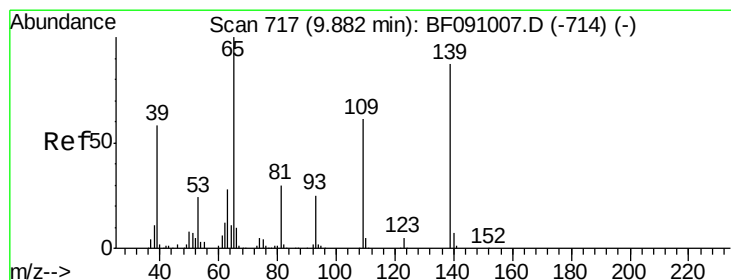
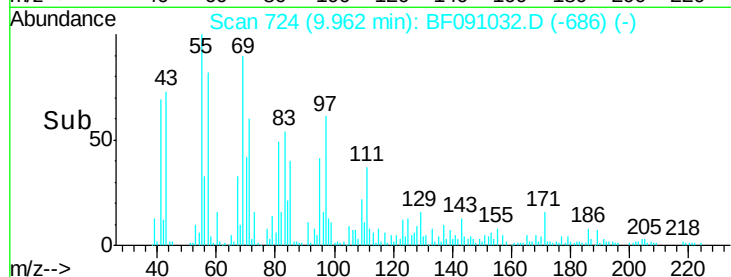
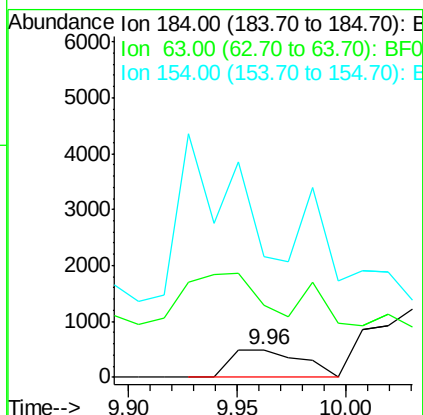
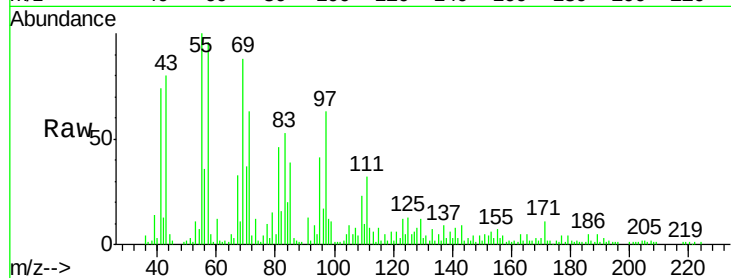




#53
2,4-Dinitrophenol
Concen: 6.60 ng
RT: 9.96 min Scan# 724
Delta R.T. 0.14 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

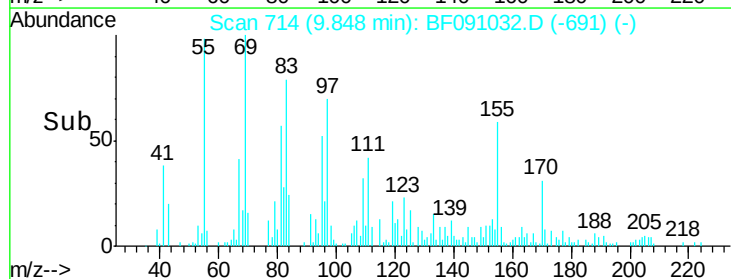
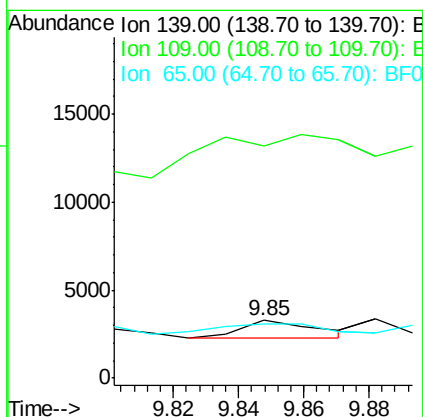
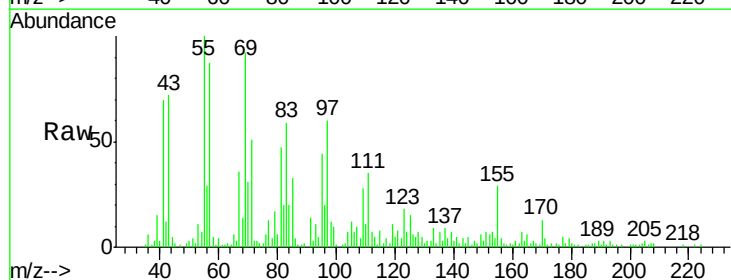
Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

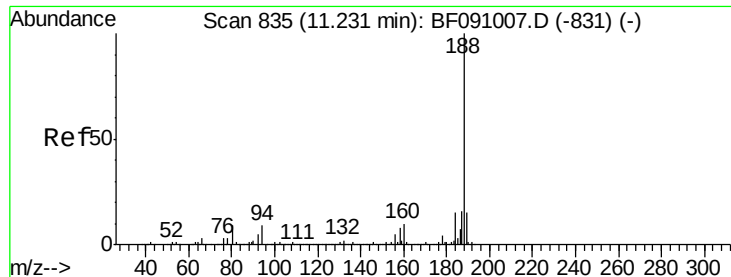
Tgt Ion:184 Resp: 1122
Ion Ratio Lower Upper
184 100
63 257.5 45.5 68.3#
154 434.8 51.0 76.4#



#55
4-Nitrophenol
Concen: 6.09 ng
RT: 9.85 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:139 Resp: 1694
Ion Ratio Lower Upper
139 100
109 402.4 50.5 90.5#
65 93.5 97.1 137.1#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5

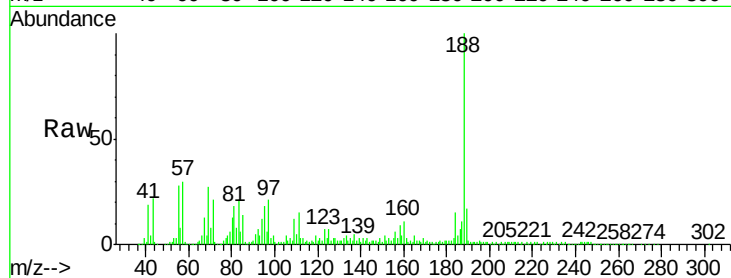
Tgt Ion:188 Resp: 515359

Ion Ratio Lower Upper

188 100

94 12.2 7.0 10.4#

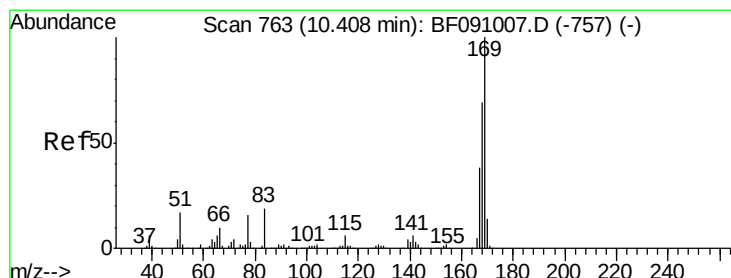
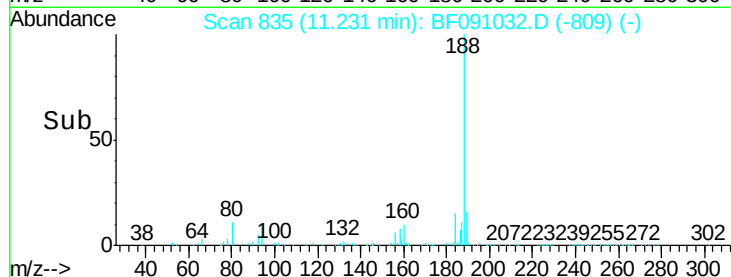
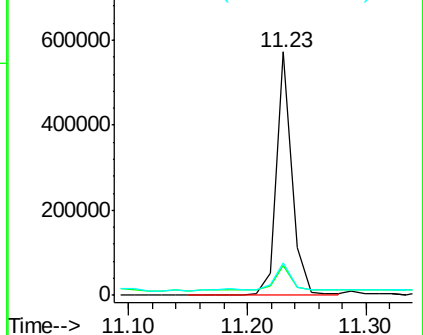
80 13.2 7.5 11.3#



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



#65

n-Nitrosodiphenylamine

Concen: 4.09 ng

RT: 10.42 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

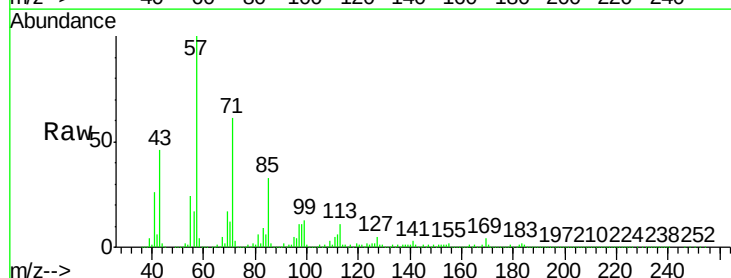
Tgt Ion:169 Resp: 67015

Ion Ratio Lower Upper

169 100

168 33.4 55.3 82.9#

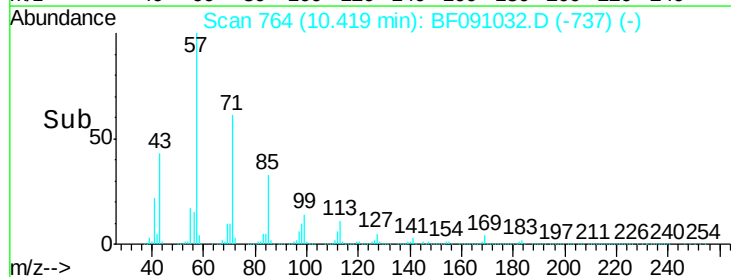
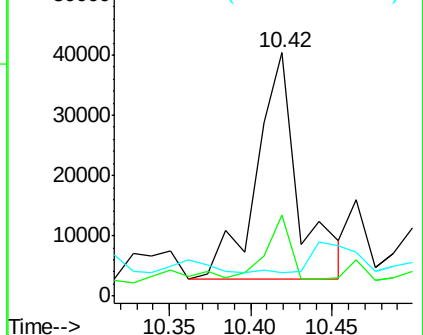
167 9.7 30.3 45.5#

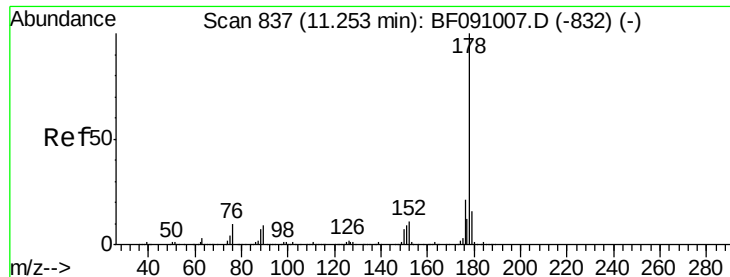


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

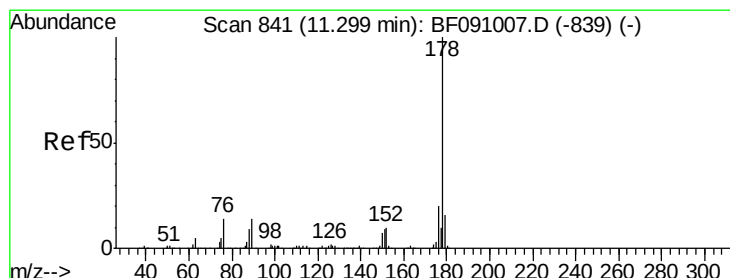
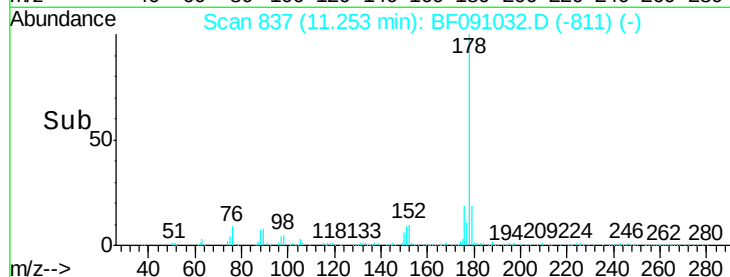
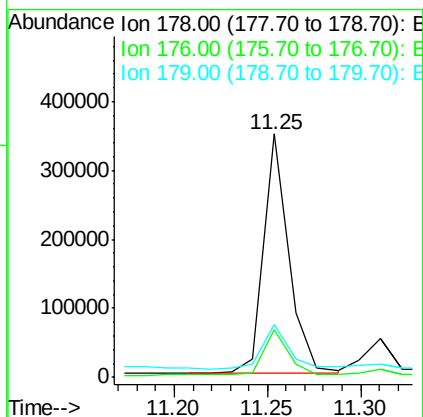
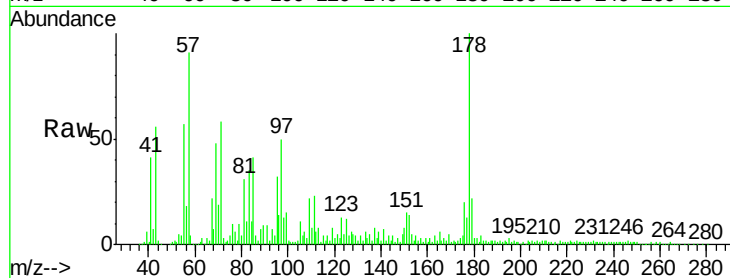




#70
Phenanthrene
Concen: 11.72 ng
RT: 11.25 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

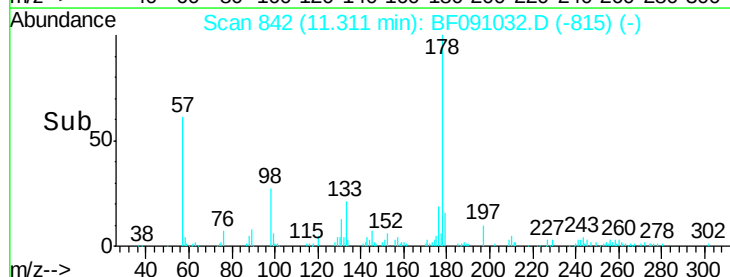
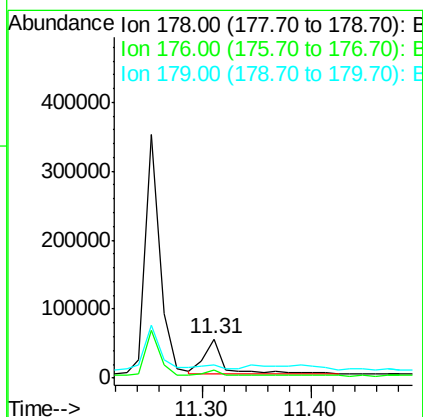
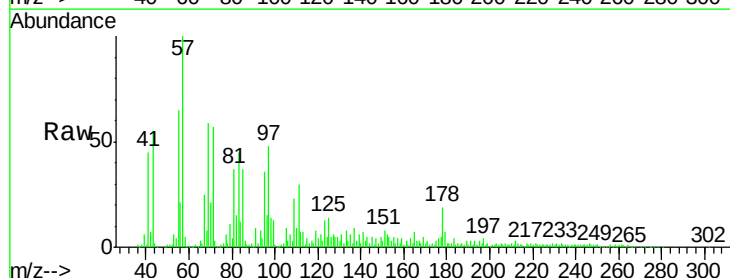
Instrument :
BNA_F
ClientSampleId :
SB-107-1.0-1.5

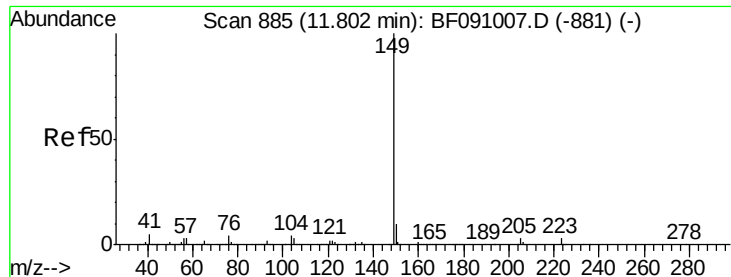
Tgt Ion:178 Resp: 321020
Ion Ratio Lower Upper
178 100
176 19.8 16.6 25.0
179 22.0 12.9 19.3#



#71
Anthracene
Concen: 2.37 ng
RT: 11.31 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF091032.D
Acq: 4 Nov 2016 20:40

Tgt Ion:178 Resp: 69023
Ion Ratio Lower Upper
178 100
176 22.3 16.0 24.0
179 35.3 13.0 19.6#





#73

Di-n-butylphthalate

Concen: 479.55 ng

RT: 11.81 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5

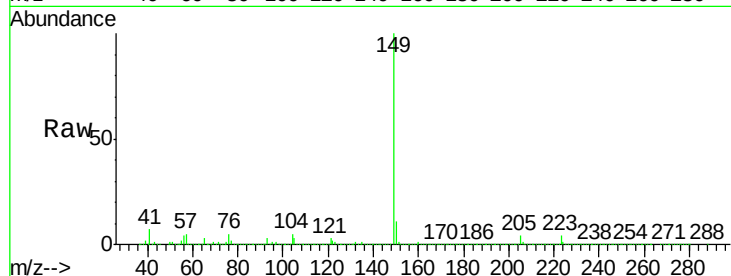
Tgt Ion:149 Resp:15830588

Ion Ratio Lower Upper

149 100

150 11.0 7.7 11.5

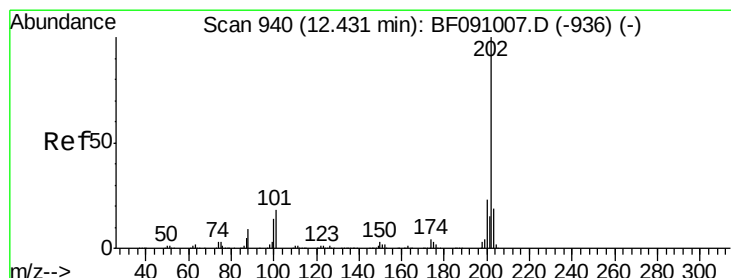
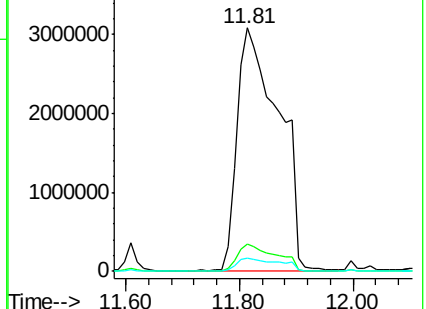
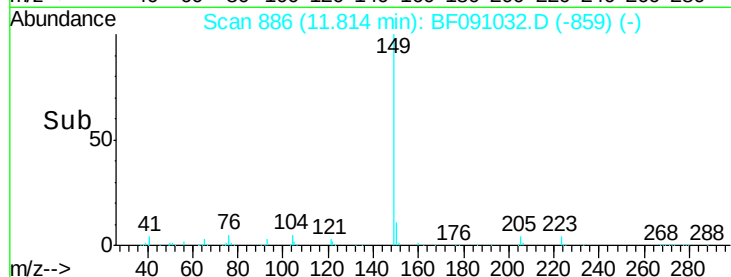
104 5.3 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 12.16 ng

RT: 12.45 min Scan# 942

Delta R.T. 0.02 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

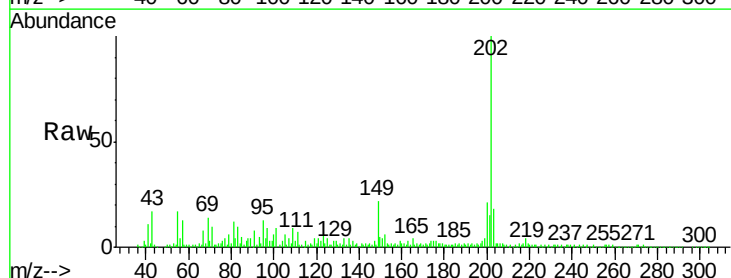
Tgt Ion:202 Resp: 345566

Ion Ratio Lower Upper

202 100

101 9.1 0.0 37.6

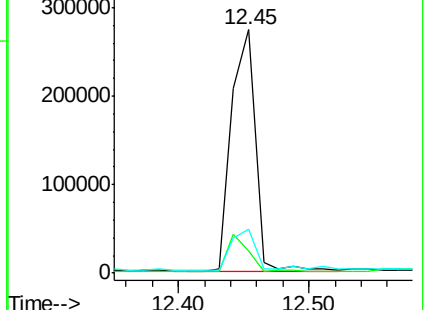
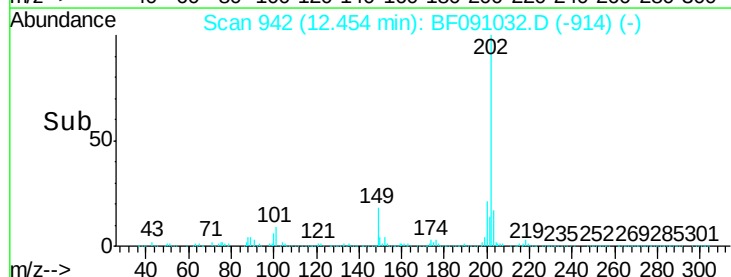
203 18.1 0.0 38.6

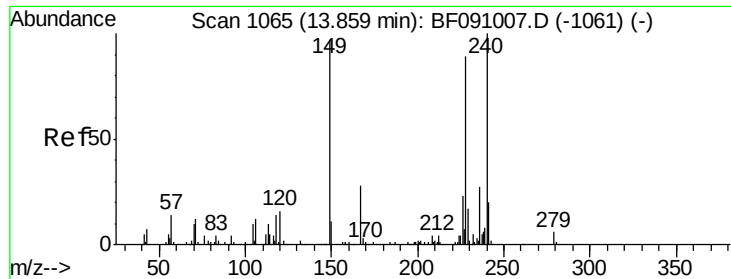


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.86 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5

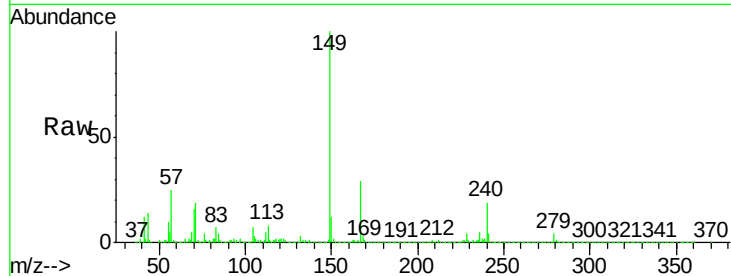
Tgt Ion:240 Resp: 322410

Ion Ratio Lower Upper

240 100

120 12.0 12.9 19.3#

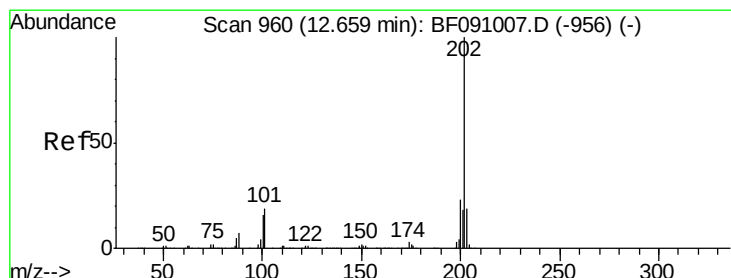
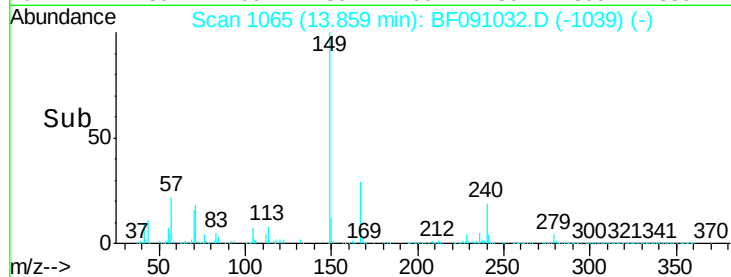
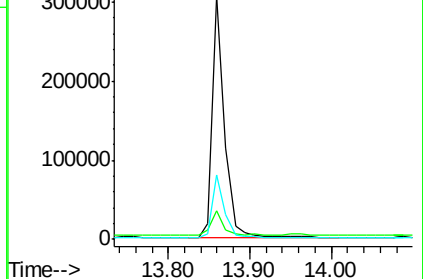
236 26.7 21.9 32.9



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: 14.79 ng

RT: 12.67 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

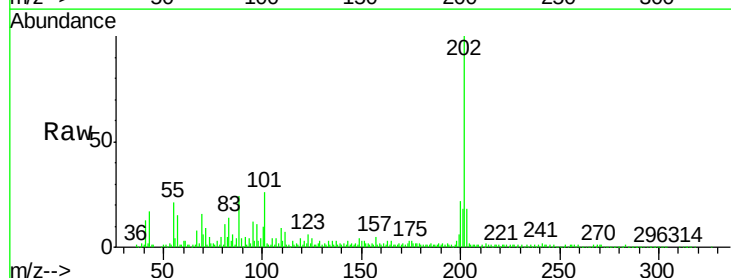
Tgt Ion:202 Resp: 312269

Ion Ratio Lower Upper

202 100

200 21.5 18.4 27.6

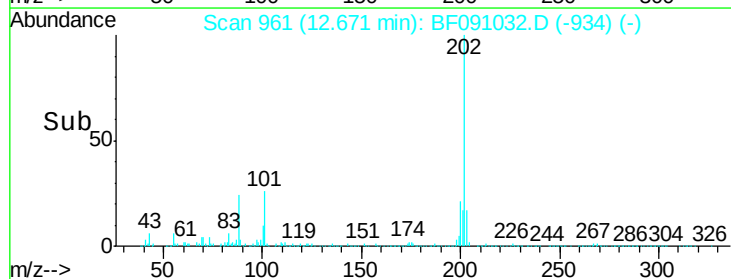
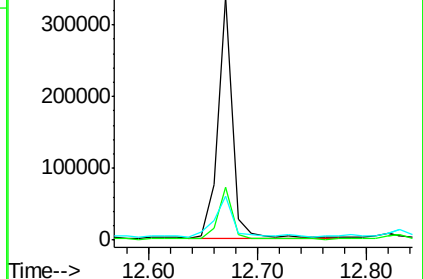
203 18.3 15.0 22.6

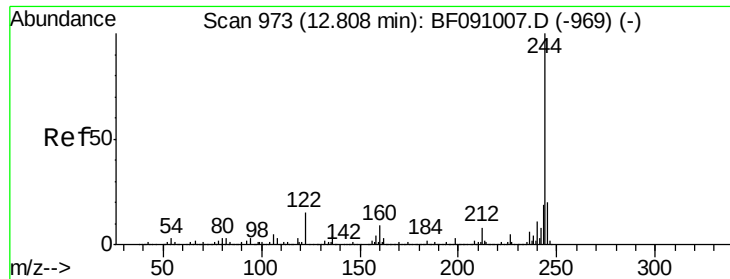


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 102.48 ng

RT: 12.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5

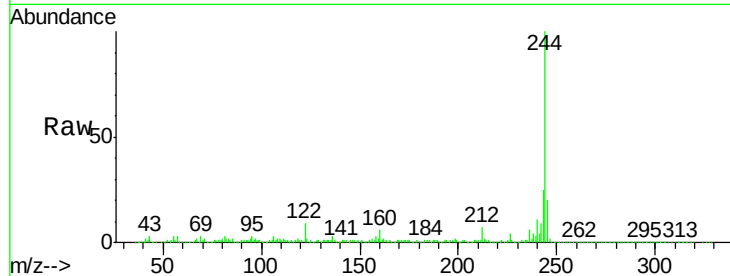
Tgt Ion:244 Resp: 1324013

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

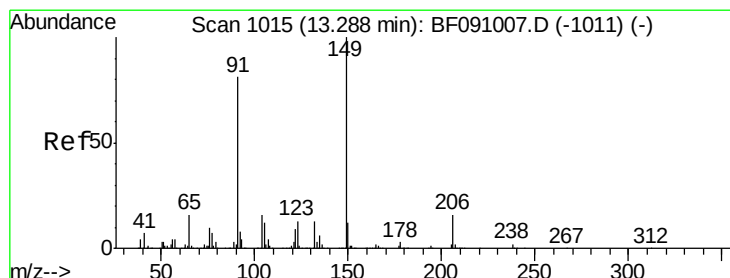
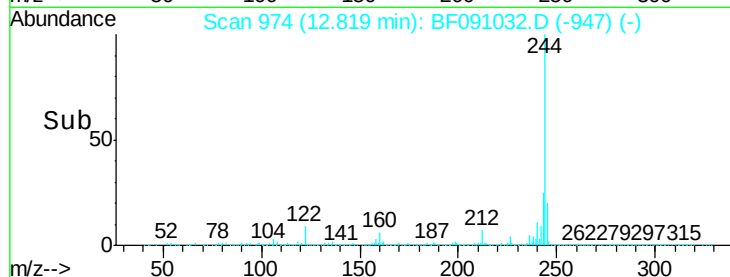
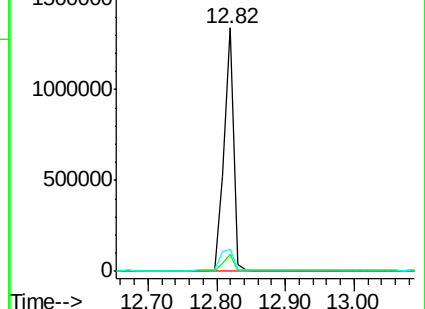
122 9.4 12.3 18.5#



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



#79

Butylbenzylphthalate

Concen: 4.50 ng

RT: 13.30 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

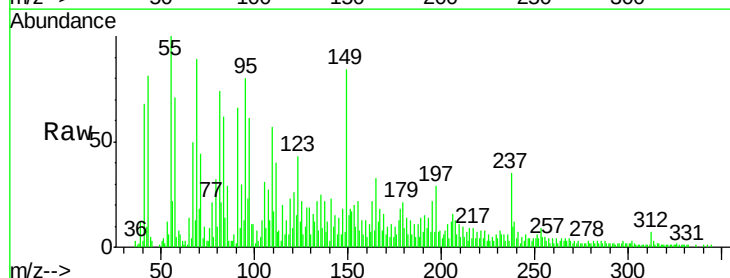
Tgt Ion:149 Resp: 45477

Ion Ratio Lower Upper

149 100

91 78.6 65.0 97.4

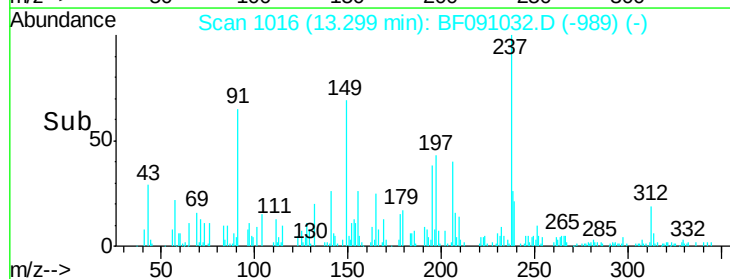
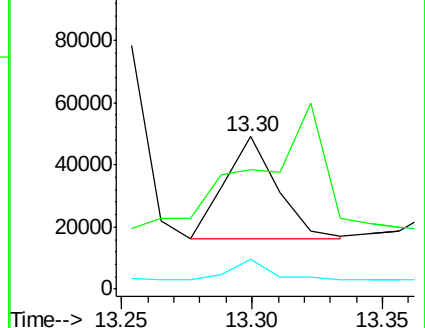
206 19.6 12.5 18.7#

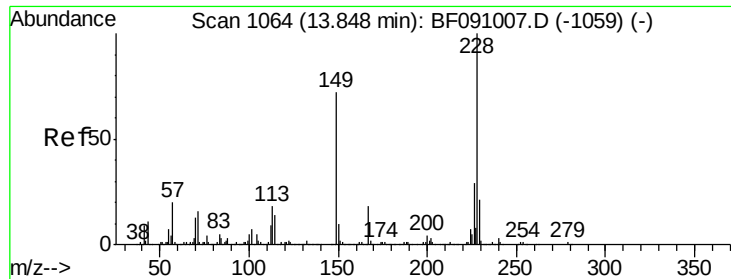


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 7.79 ng

RT: 13.85 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5

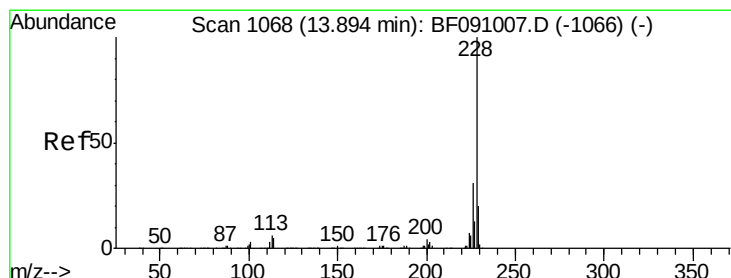
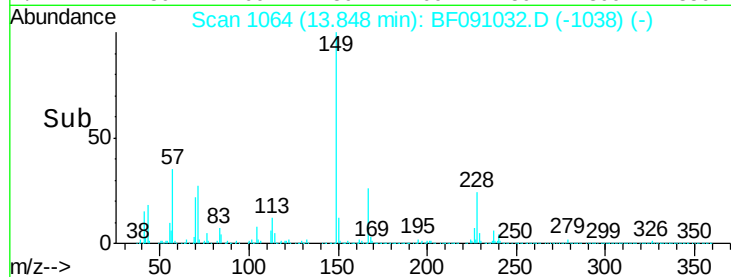
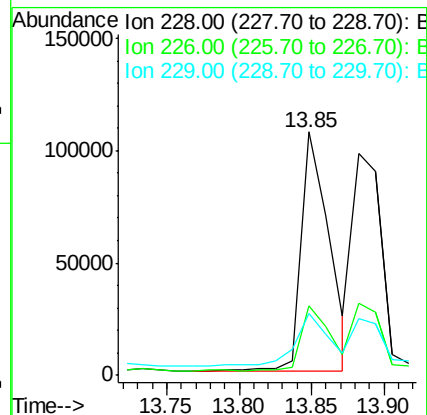
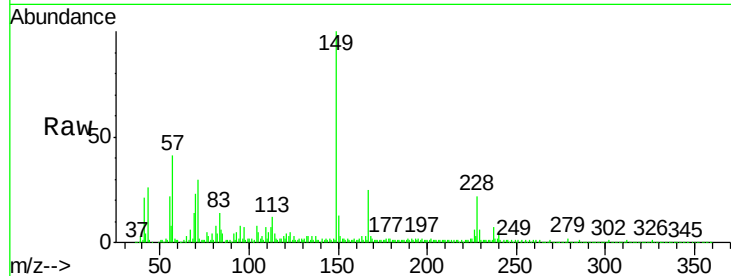
Tgt Ion:228 Resp: 142514

Ion Ratio Lower Upper

228 100

226 28.6 23.0 34.6

229 25.2 16.6 24.8#



#82

Chrysene

Concen: 7.45 ng

RT: 13.88 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

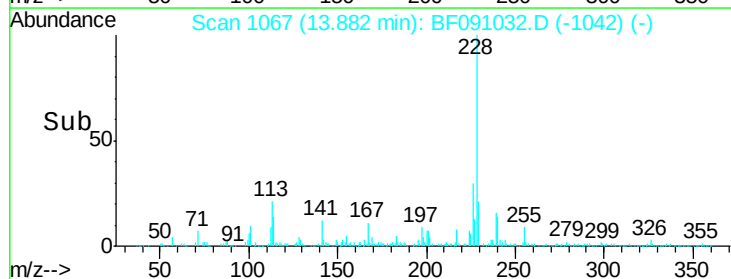
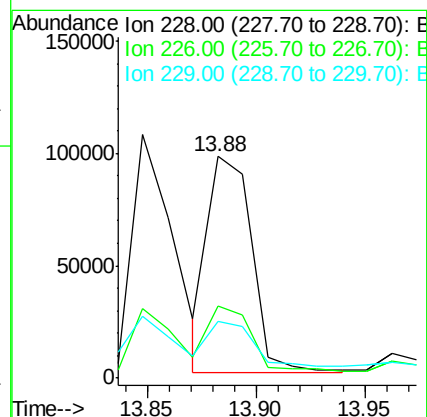
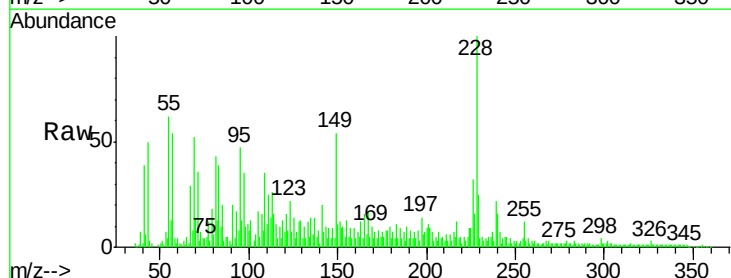
Tgt Ion:228 Resp: 134512

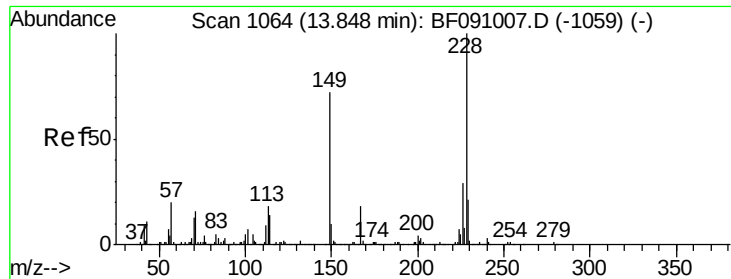
Ion Ratio Lower Upper

228 100

226 32.4 24.9 37.3

229 25.4 15.9 23.9#

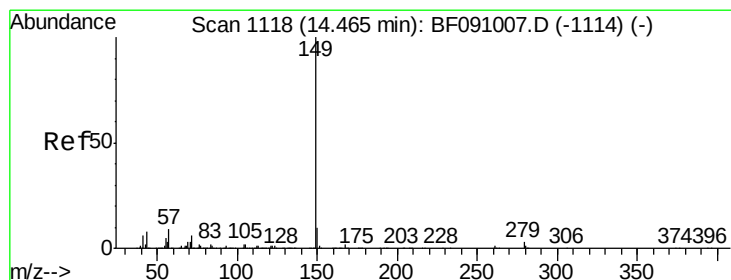
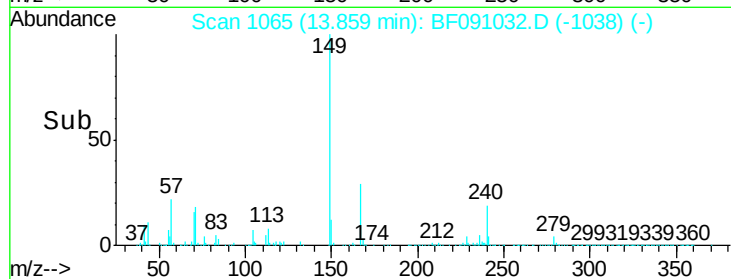
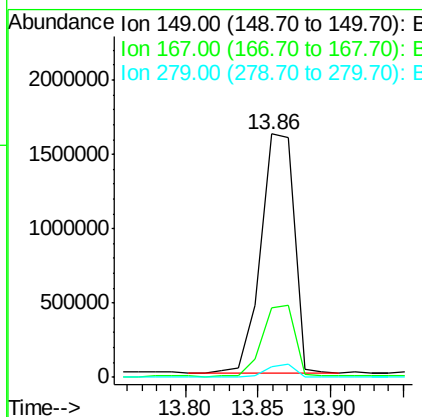
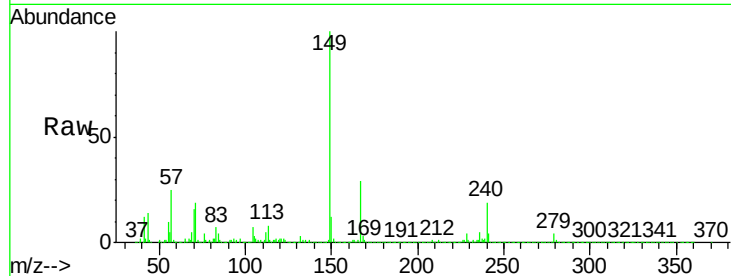




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 189.18 ng
 RT: 13.86 min Scan# 1065
 Delta R.T. 0.01 min
 Lab File: BF091032.D
 Acq: 4 Nov 2016 20:40

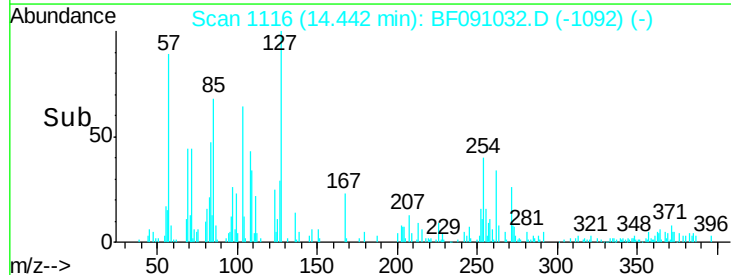
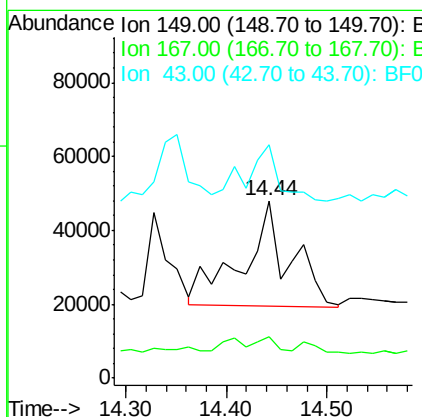
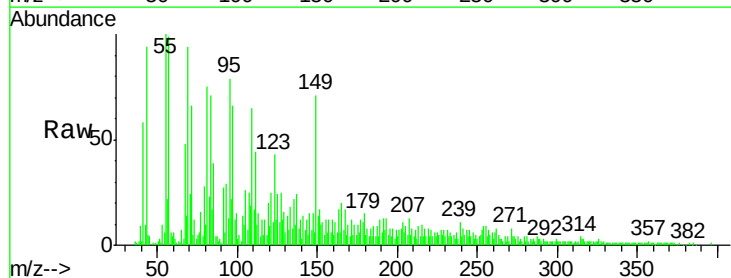
Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5

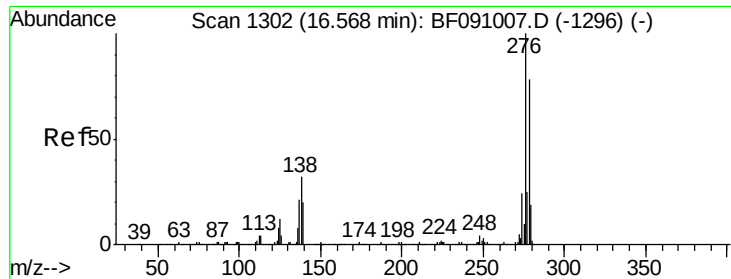
Tgt Ion:149 Resp: 2585673
 Ion Ratio Lower Upper
 149 100
 167 28.7 20.4 30.6
 279 4.1 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 4.08 ng
 RT: 14.44 min Scan# 1116
 Delta R.T. -0.02 min
 Lab File: BF091032.D
 Acq: 4 Nov 2016 20:40

Tgt Ion:149 Resp: 91787
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 39.0 8.2 12.4#

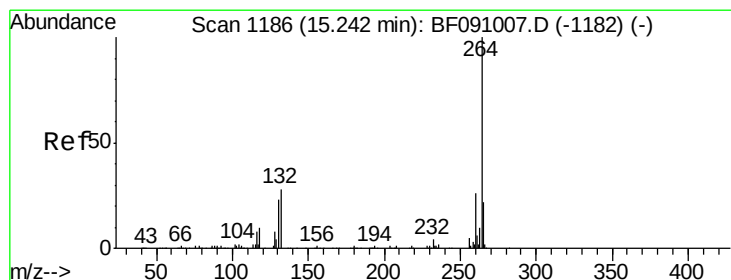
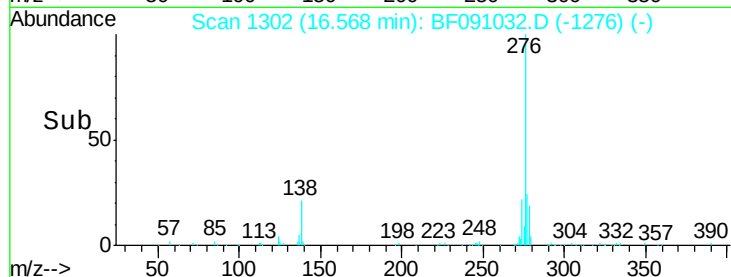
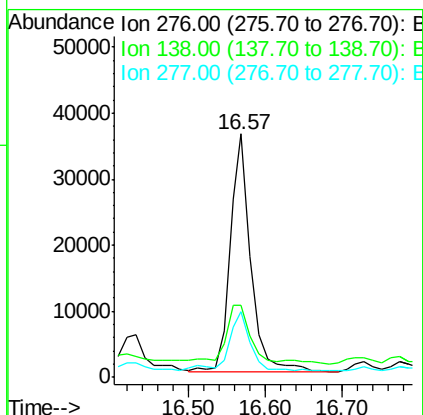
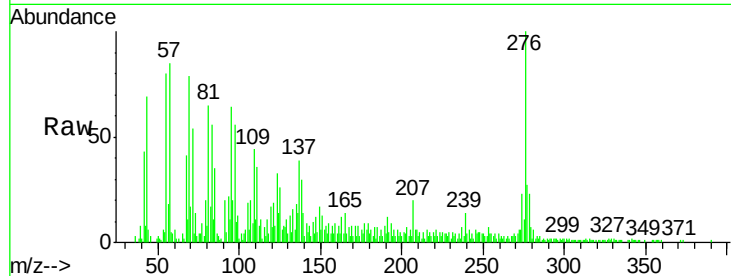




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.58 ng
 RT: 16.57 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BF091032.D
 Acq: 4 Nov 2016 20:40

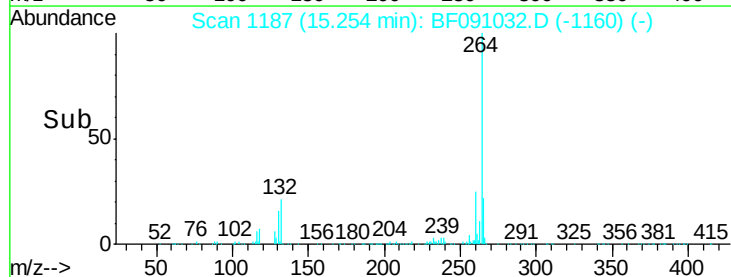
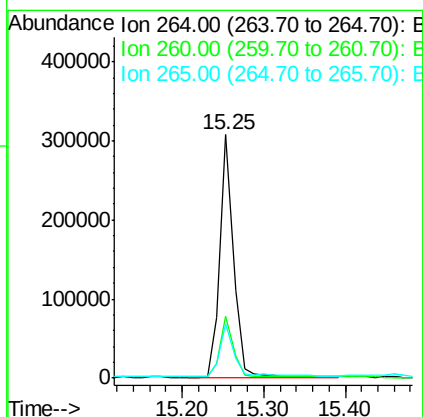
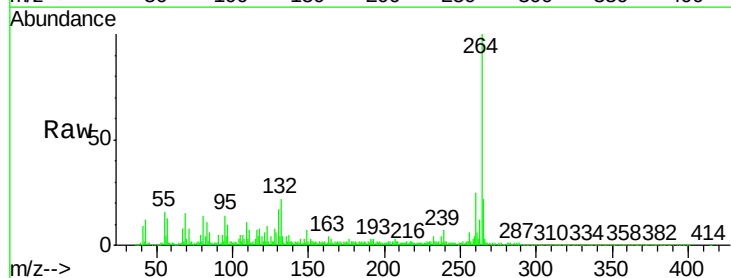
Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5

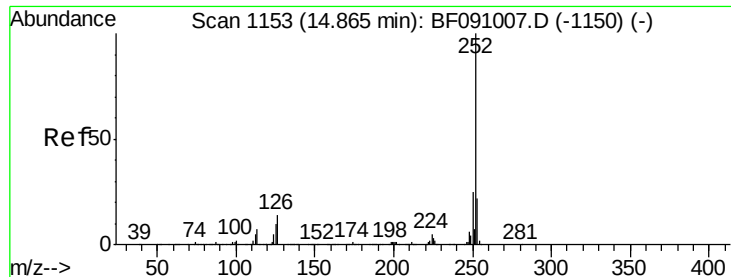
Tgt Ion: 276 Resp: 68524
 Ion Ratio Lower Upper
 276 100
 138 25.5 26.0 39.0#
 277 26.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF091032.D
 Acq: 4 Nov 2016 20:40

Tgt Ion: 264 Resp: 353831
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.6 30.8
 265 22.4 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 10.72 ng

RT: 14.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

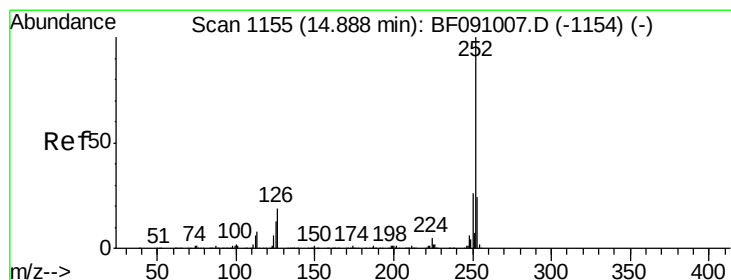
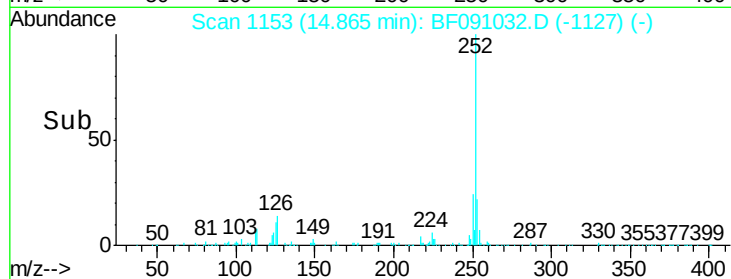
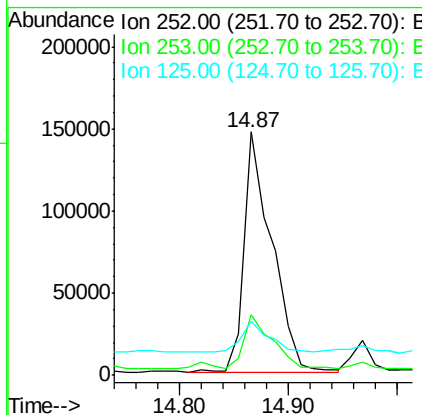
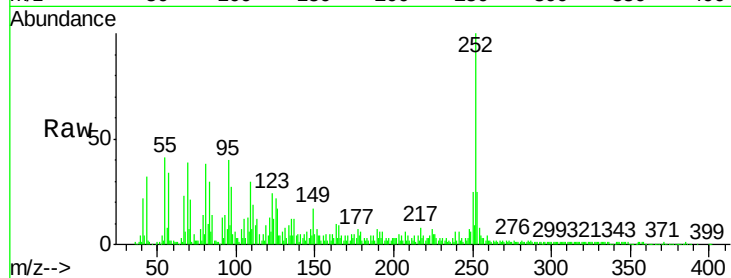
Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5

Tgt Ion:	252	Resp:	257301
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.0	27.0
125	22.0	8.3	12.5#



#88

Benzo(k)fluoranthene

Concen: 12.22 ng

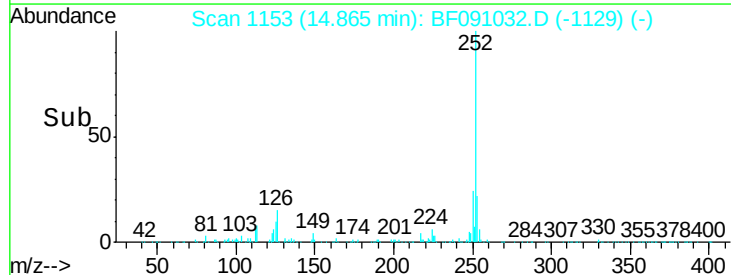
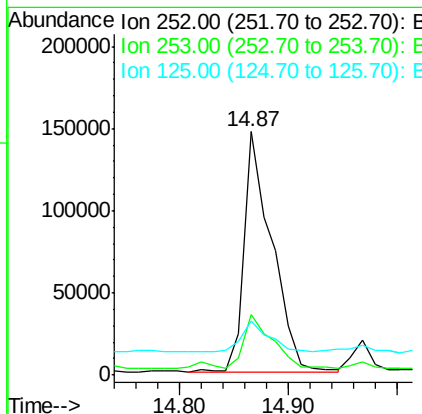
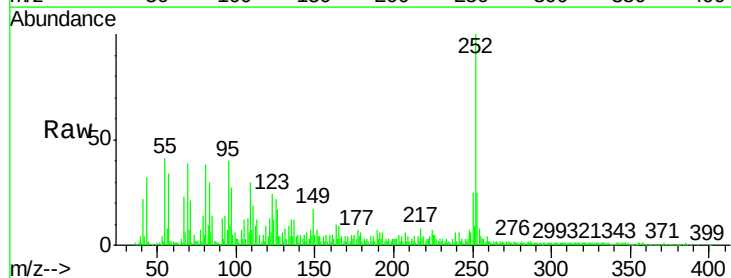
RT: 14.87 min Scan# 1153

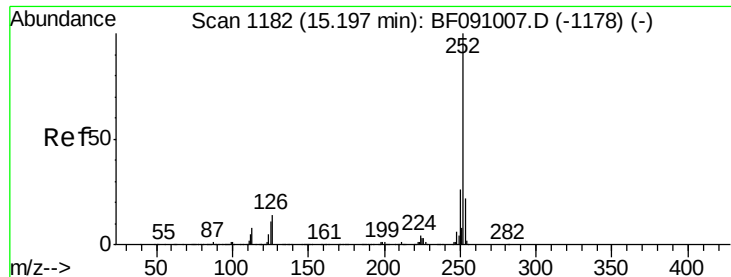
Delta R.T. -0.02 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

Tgt Ion:	252	Resp:	257301
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.6	28.0
125	22.0	11.2	16.8#





#89

Benzo(a)pyrene

Concen: 5.35 ng

RT: 15.20 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5

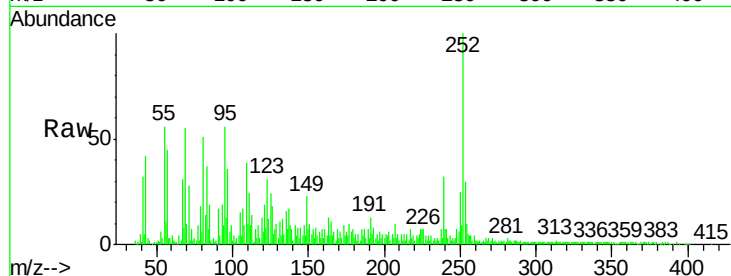
Tgt Ion:252 Resp: 111678

Ion Ratio Lower Upper

252 100

253 29.9 17.8 26.8#

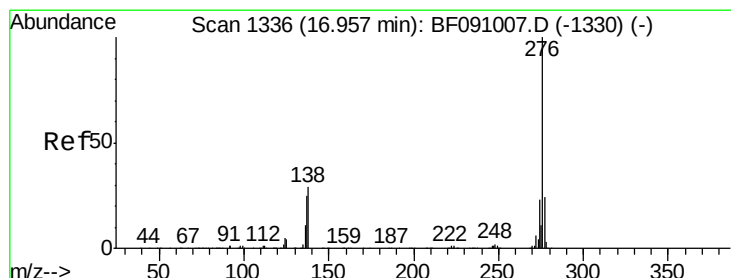
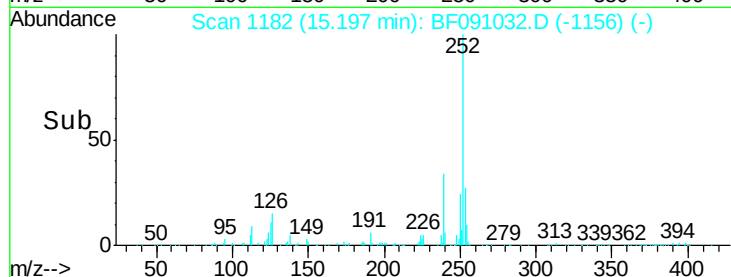
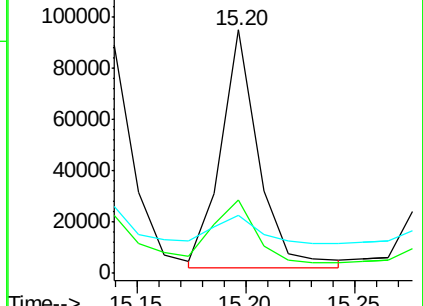
125 24.0 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.77 ng

RT: 16.96 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF091032.D

Acq: 4 Nov 2016 20:40

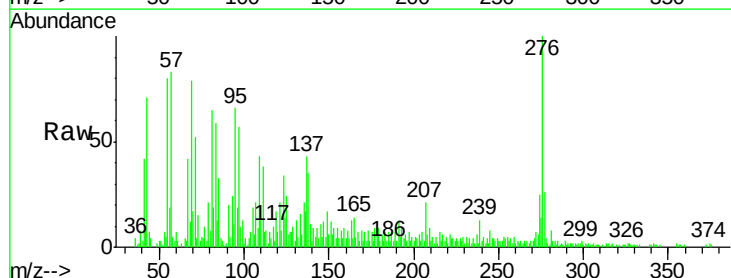
Tgt Ion:276 Resp: 61570

Ion Ratio Lower Upper

276 100

277 26.4 19.2 28.8

138 35.3 23.3 34.9#



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

