

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075559.D
 Acq On : 15 Nov 2014 23:48
 Operator : TP / JJ
 Sample : F4693-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AP6S2

Quant Time: Nov 16 06:14:11 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

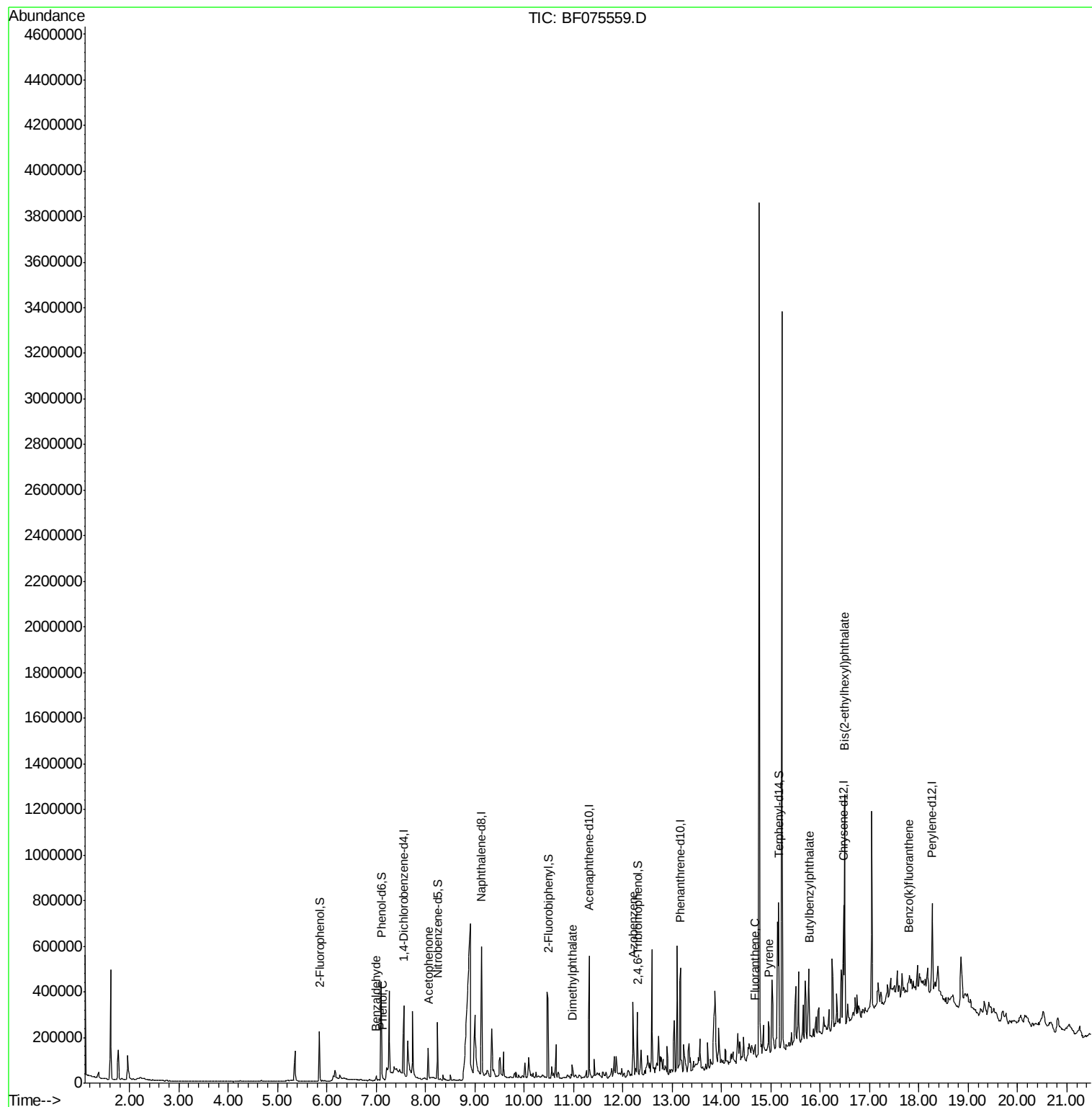
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	56155	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	242786	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	130107	20.00	ng	-0.02
63) Phenanthrene-d10	13.17	188	211082	20.00	ng	-0.02
75) Chrysene-d12	16.47	240	217722	20.00	ng	-0.07
86) Perylene-d12	18.27	264	215135	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	87722	27.60	ng	-0.01
7) Phenol-d6	7.10	99	134598	35.21	ng	-0.01
23) Nitrobenzene-d5	8.24	82	75547	22.81	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	41683	38.25	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	178218	24.75	ng	-0.01
78) Terphenyl-d14	15.16	244	206412	25.52	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.00	77	6626	2.58	ng	Qvalue 95
10) Phenol	7.12	94	14365	3.08	ng	81
22) Acetophenone	8.06	105	62963	12.02	ng	# 88
49) Dimethylphthalate	10.97	163	30457	3.42	ng	# 99
62) Azobenzene	12.21	77	49255	6.07	ng	# 1
74) Fluoranthene	14.68	202	27654	2.32	ng	92
77) Pyrene	14.95	202	25600	2.02	ng	# 96
79) Butylbenzylphthalate	15.77	149	22120	3.11	ng	# 3
83) Bis(2-ethylhexyl)phthalate	16.49	149	294010	26.26	ng	# 97
88) Benzo(k)fluoranthene	17.80	252	27989	2.71	ng	# 80

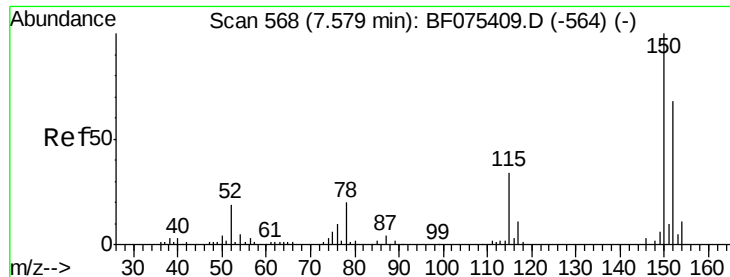
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

Instrument :

BNA_F

ClientSampleId :

AP6S2

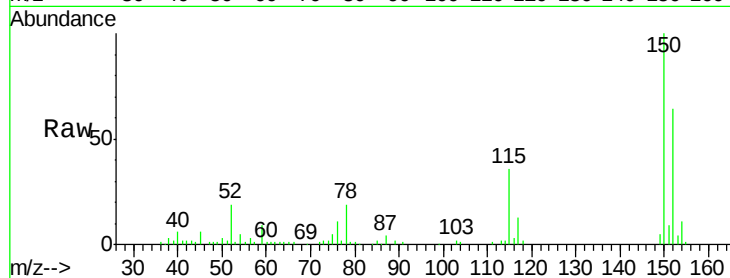
Tgt Ion:152 Resp: 56155

Ion Ratio Lower Upper

152 100

150 155.8 127.2 190.8

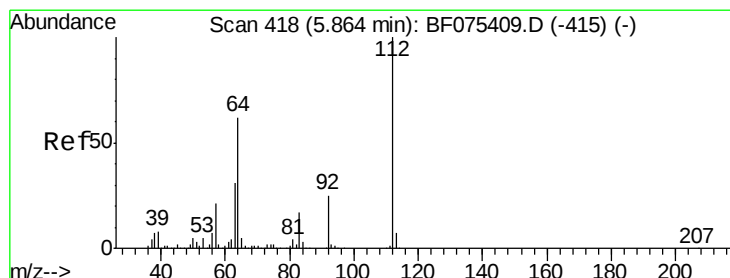
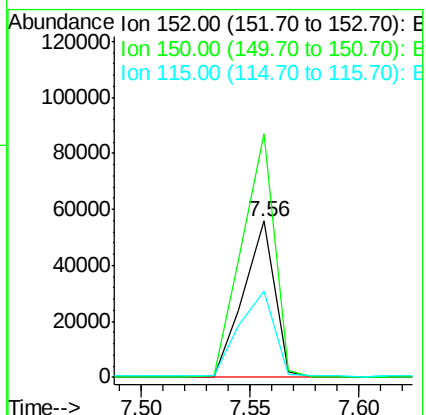
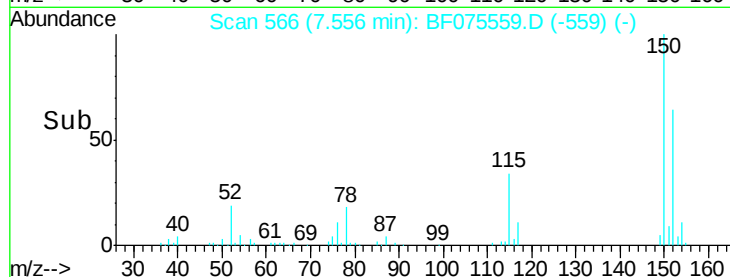
115 55.5 57.1 85.7#



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: 27.60 ng

RT: 5.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

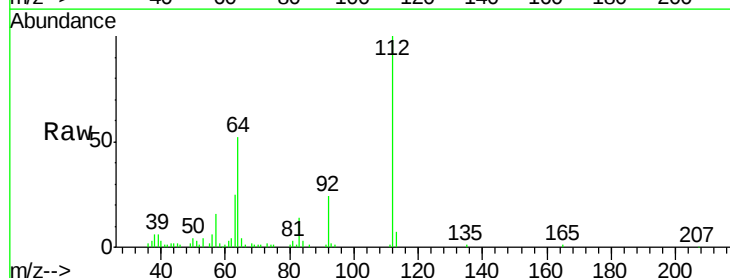
Tgt Ion:112 Resp: 87722

Ion Ratio Lower Upper

112 100

64 51.6 45.8 68.6

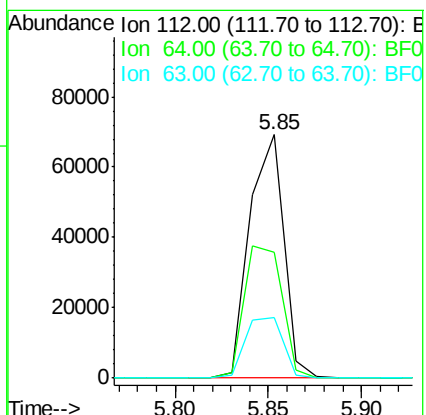
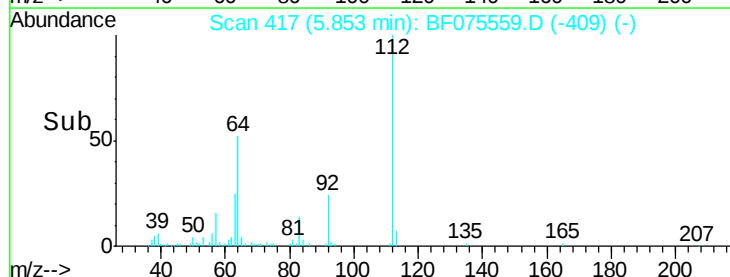
63 24.7 22.7 34.1

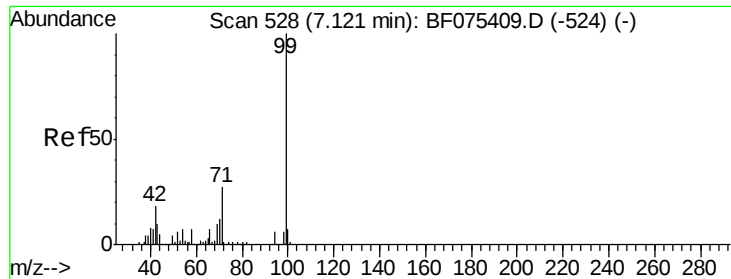


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.21 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

Instrument :

BNA_F

ClientSampleId :

AP6S2

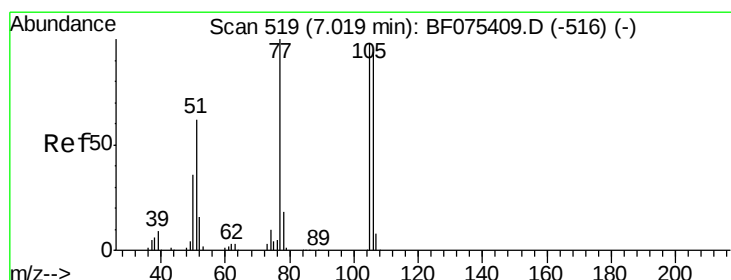
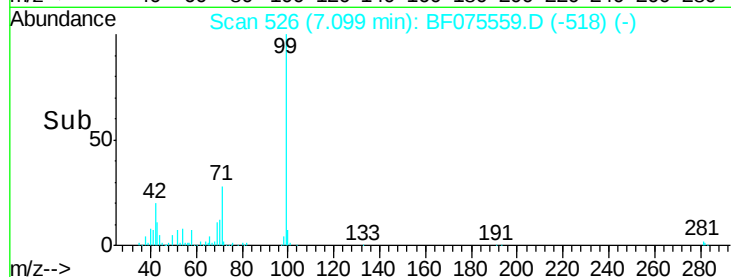
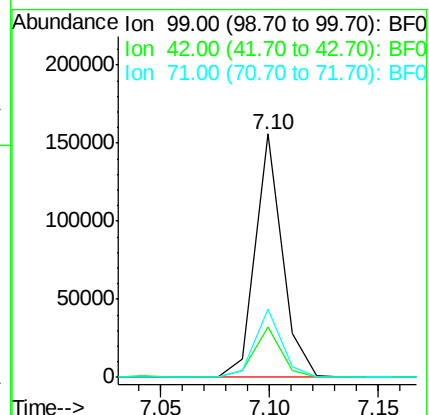
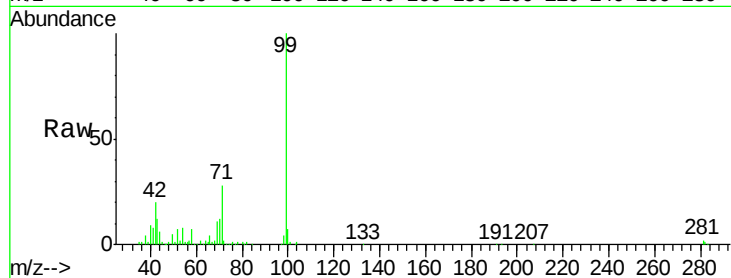
Tgt Ion: 99 Resp: 134598

Ion Ratio Lower Upper

99 100

42 20.5 19.8 29.6

71 27.9 25.5 38.3



#9

Benzaldehyde

Concen: 2.58 ng

RT: 7.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

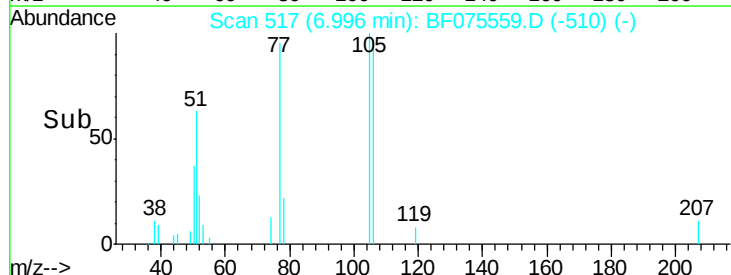
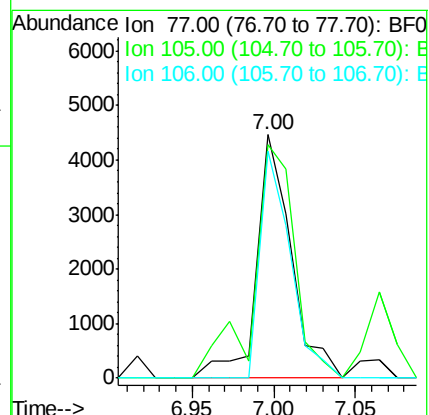
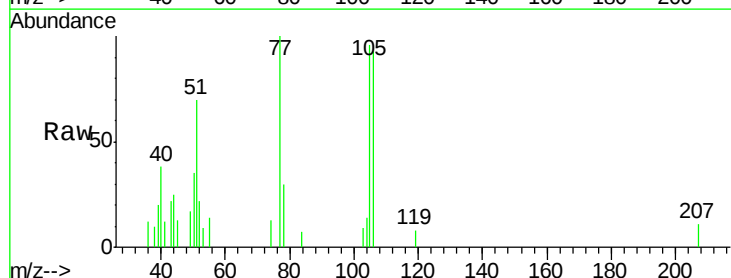
Tgt Ion: 77 Resp: 6626

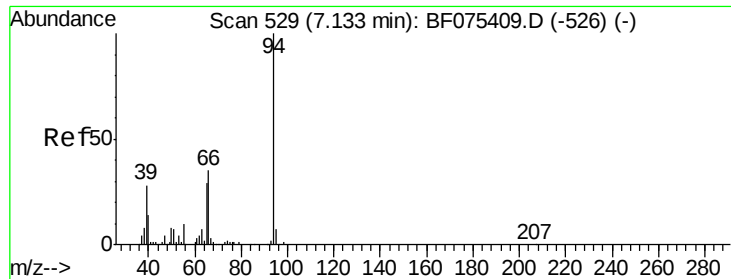
Ion Ratio Lower Upper

77 100

105 96.0 81.6 121.6

106 93.2 77.5 117.5





#10

Phenol

Concen: 3.08 ng

RT: 7.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

Instrument :

BNA_F

ClientSampleId :

AP6S2

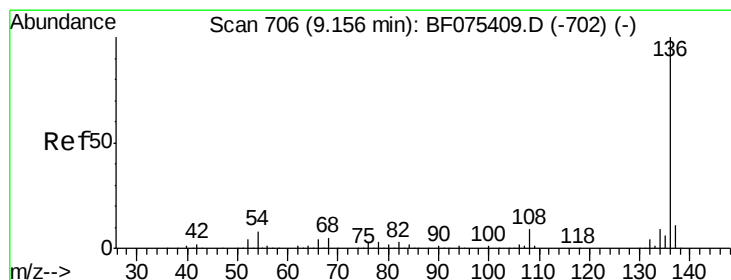
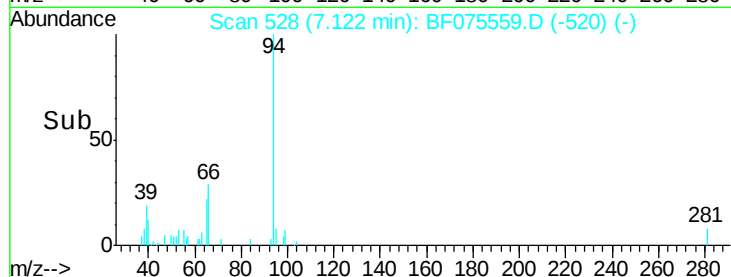
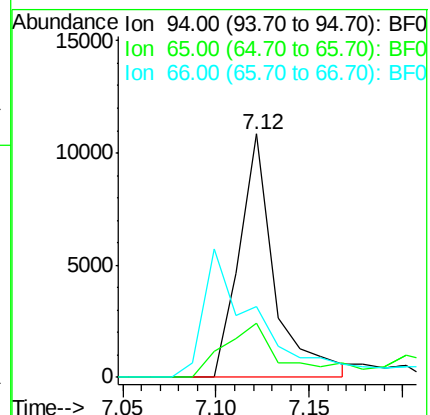
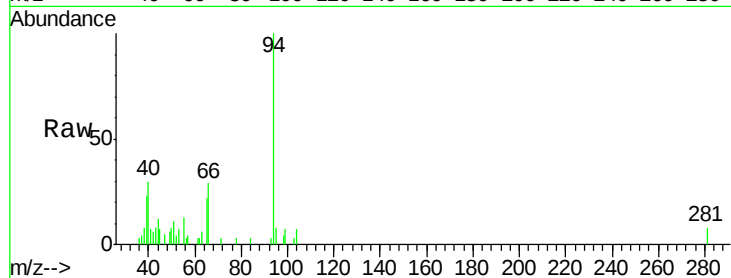
Tgt Ion: 94 Resp: 14365

Ion Ratio Lower Upper

94 100

65 22.4 13.1 53.1

66 28.8 20.8 60.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

Tgt Ion: 136 Resp: 242786

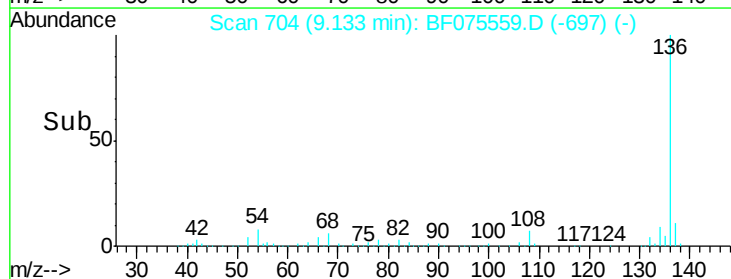
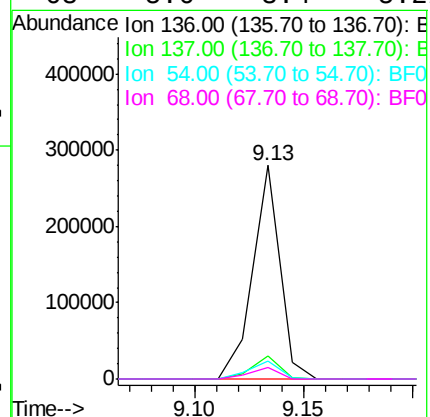
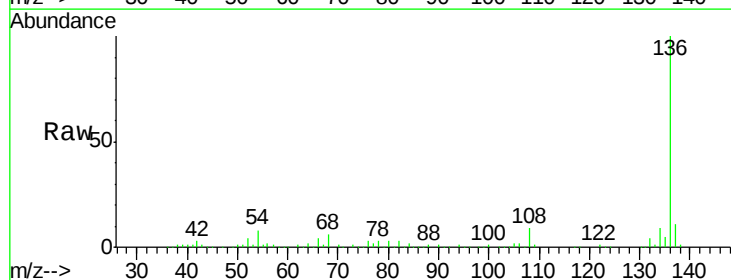
Ion Ratio Lower Upper

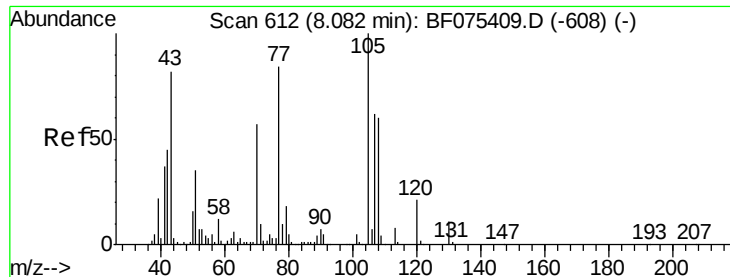
136 100

137 10.8 8.2 12.4

54 8.1 6.2 9.4

68 5.6 3.4 5.2#





#22

Acetophenone

Concen: 12.02 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

Instrument :

BNA_F

ClientSampleId :

AP6S2

Tgt Ion:105 Resp: 62963

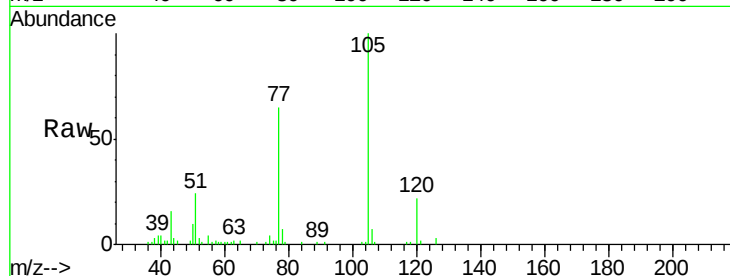
Ion Ratio Lower Upper

105 100

71 0.0 10.5 15.7#

51 23.7 24.2 36.2#

120 22.1 17.5 26.3

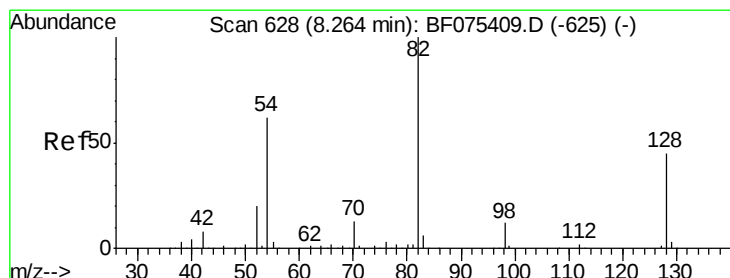
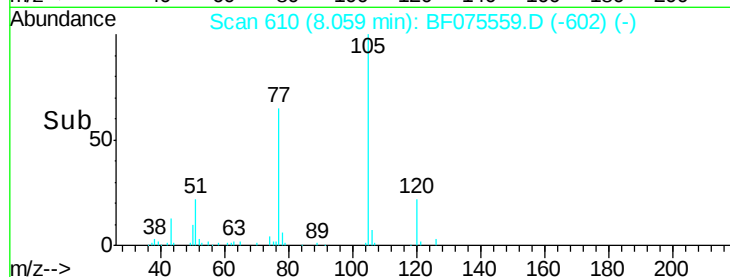
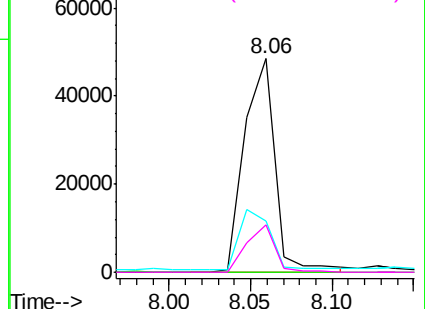


Abundance Ion 105.00 (104.70 to 105.70): E

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: 22.81 ng

RT: 8.24 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

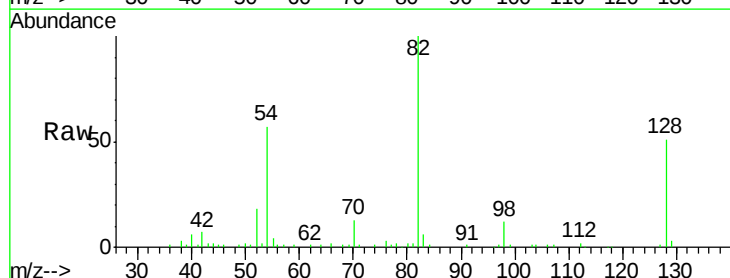
Tgt Ion: 82 Resp: 75547

Ion Ratio Lower Upper

82 100

128 50.8 37.8 56.6

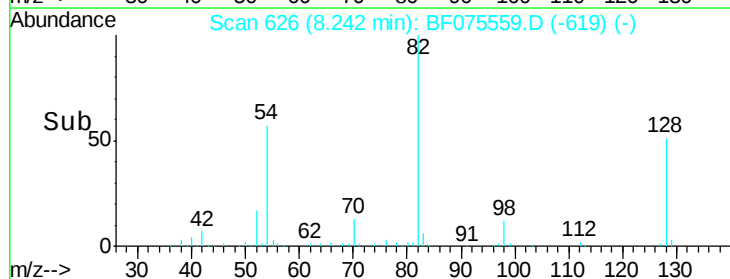
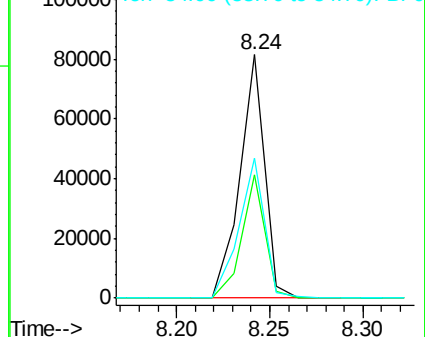
54 57.2 49.8 74.8

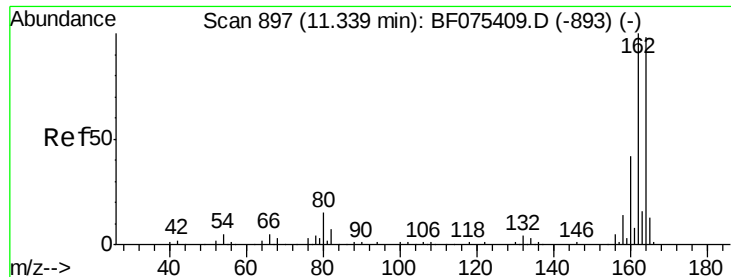


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

Instrument :

BNA_F

ClientSampleId :

AP6S2

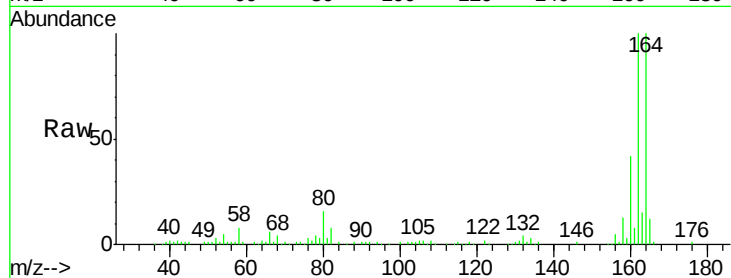
Tgt Ion:164 Resp: 130107

Ion Ratio Lower Upper

164 100

162 100.3 79.1 118.7

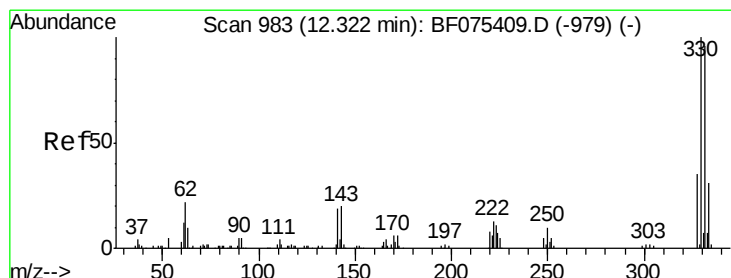
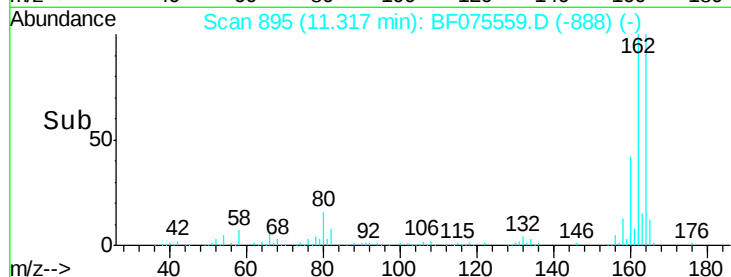
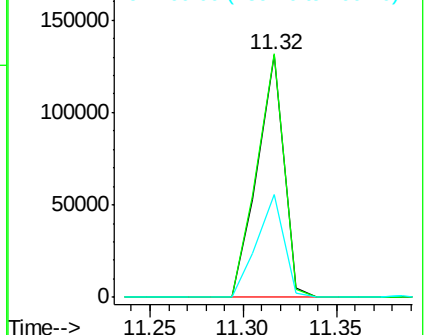
160 42.1 34.6 51.8



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: 38.25 ng

RT: 12.30 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

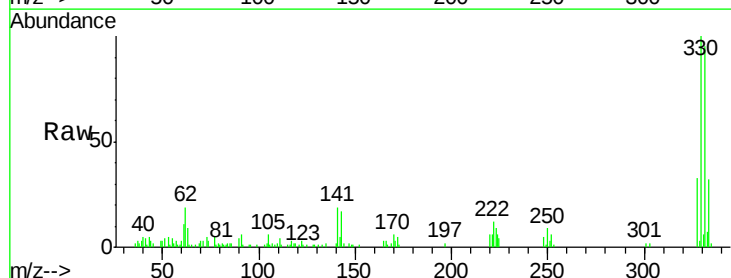
Tgt Ion:330 Resp: 41683

Ion Ratio Lower Upper

330 100

332 92.8 74.5 111.7

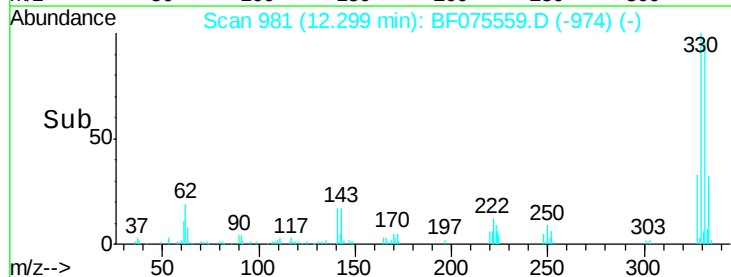
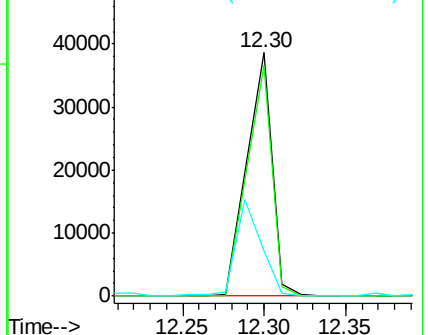
141 40.1 30.7 46.1

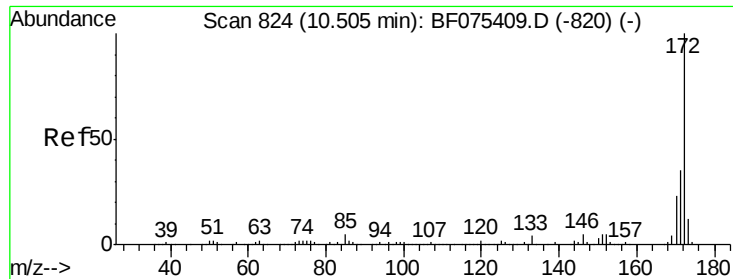


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

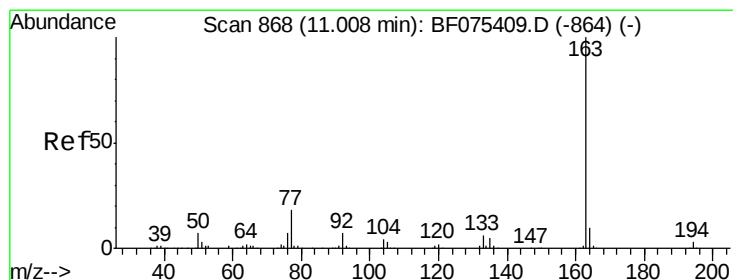
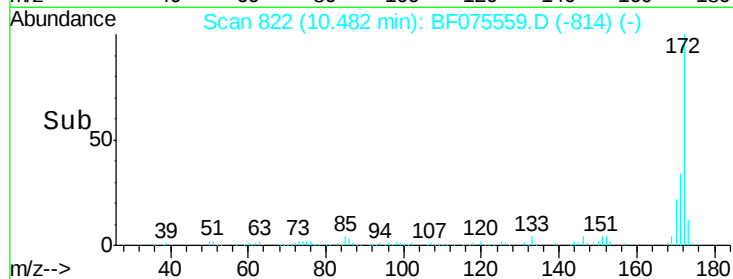
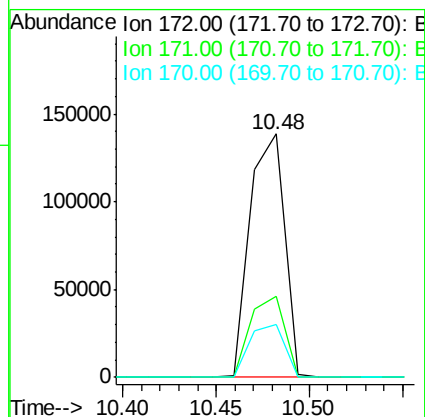
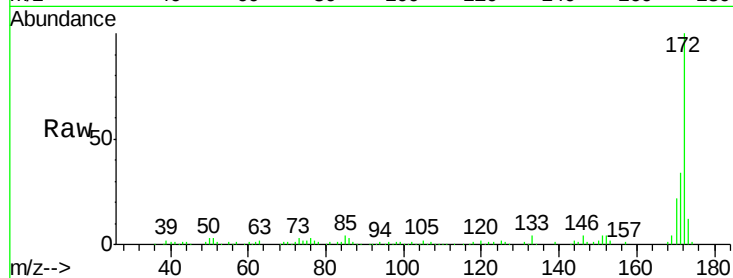




#44
2-Fluorobiphenyl
Concen: 24.75 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF075559.D
Acq: 15 Nov 2014 23:48

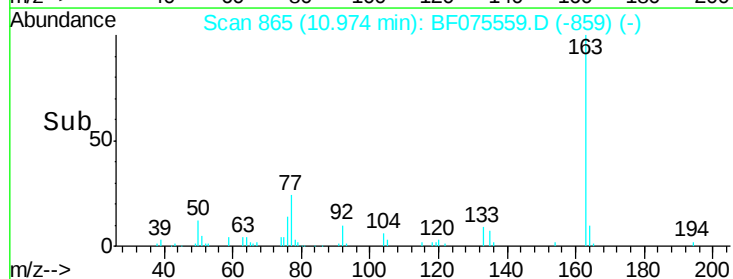
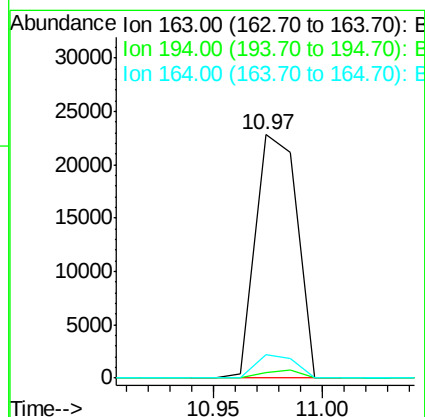
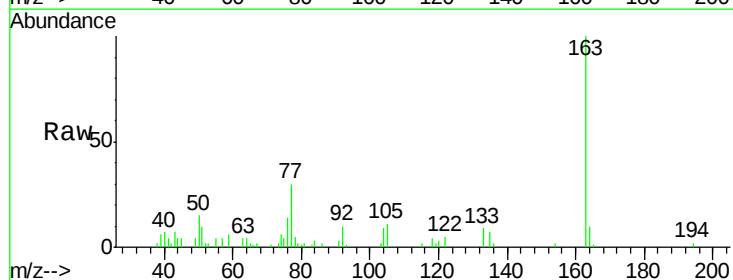
Instrument :
BNA_F
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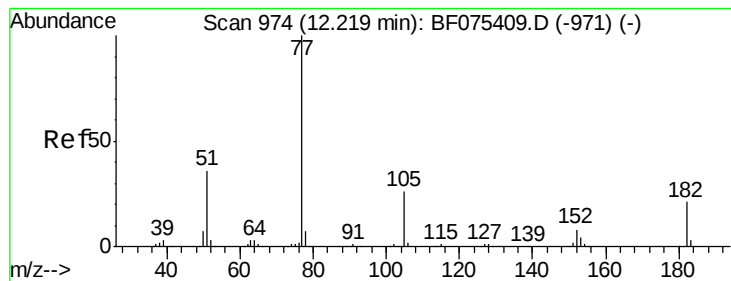
Tgt Ion:172 Resp: 178218
Ion Ratio Lower Upper
172 100
171 33.5 27.3 40.9
170 21.8 18.4 27.6



#49
Dimethylphthalate
Concen: 3.42 ng
RT: 10.97 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF075559.D
Acq: 15 Nov 2014 23:48

Tgt Ion:163 Resp: 30457
Ion Ratio Lower Upper
163 100
194 2.3 2.7 4.1#
164 9.8 8.0 12.0





#62

Azobenzene

Concen: 6.07 ng

RT: 12.21 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

Instrument :

BNA_F

ClientSampled :

AP6S2

Tgt Ion: 77 Resp: 49255

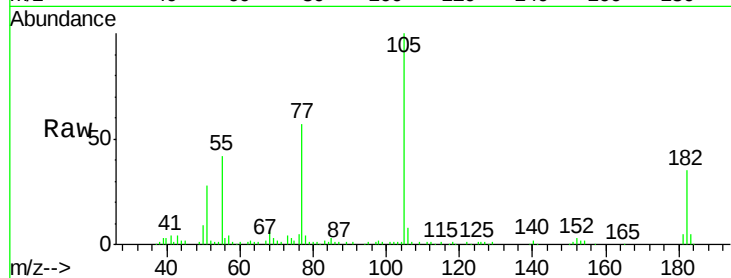
Ion Ratio Lower Upper

77 100

182 61.1 0.0 37.1#

105 174.4 3.7 43.7#

51 49.6 18.7 58.7

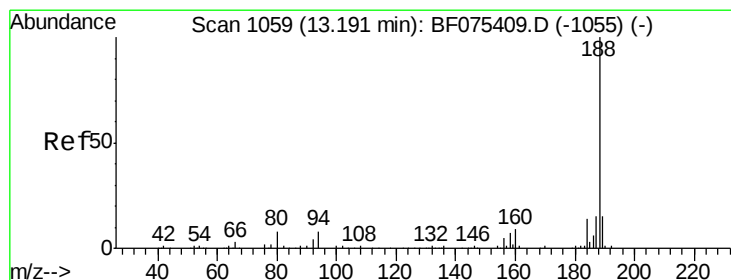
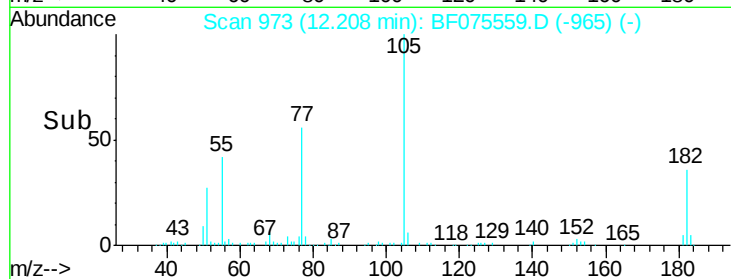
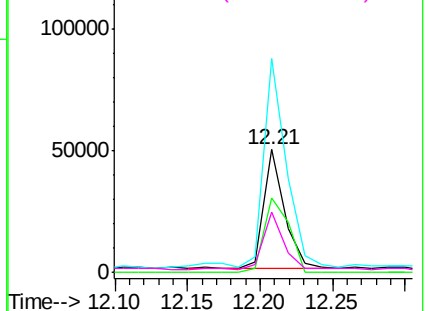


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.17 min Scan# 1057

Delta R.T. -0.02 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

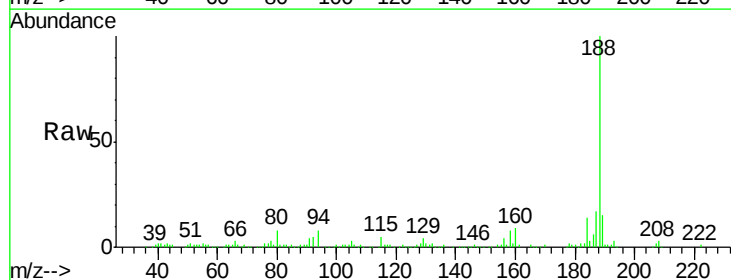
Tgt Ion: 188 Resp: 211082

Ion Ratio Lower Upper

188 100

94 8.1 7.8 11.6

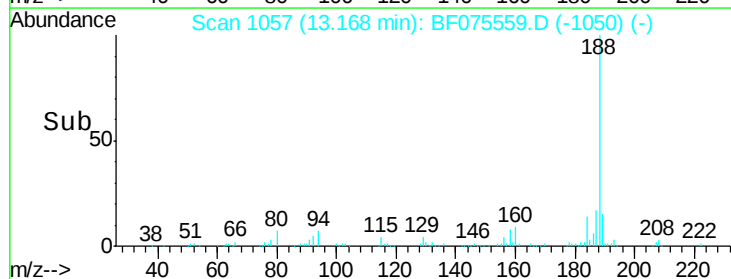
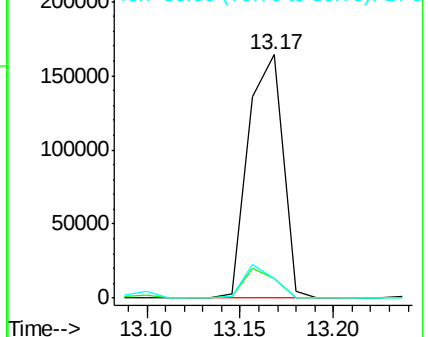
80 8.1 8.0 12.0

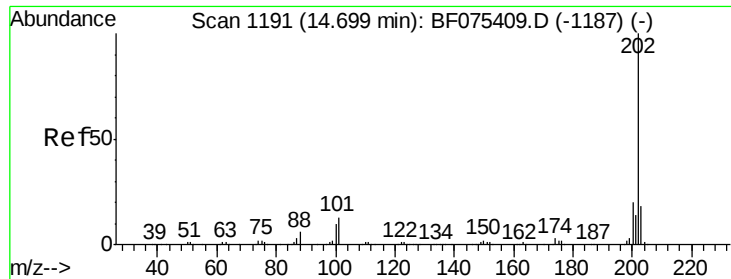


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.32 ng

RT: 14.68 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

Instrument :

BNA_F

ClientSampleId :

AP6S2

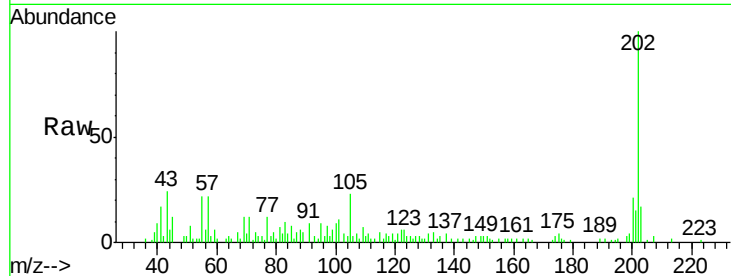
Tgt Ion:202 Resp: 27654

Ion Ratio Lower Upper

202 100

101 10.7 0.0 36.6

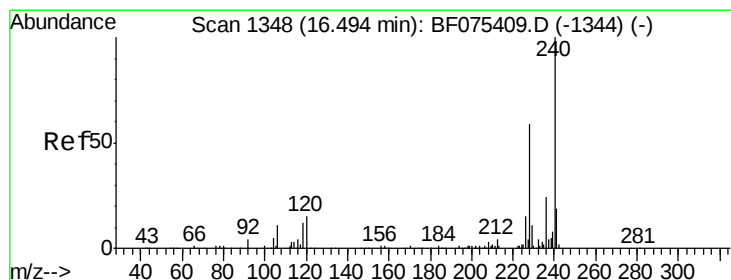
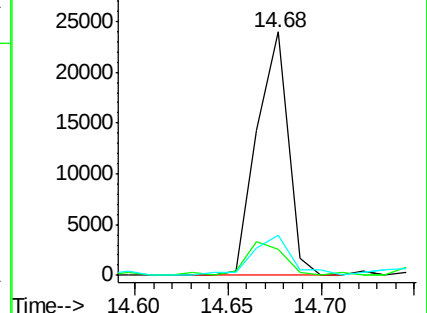
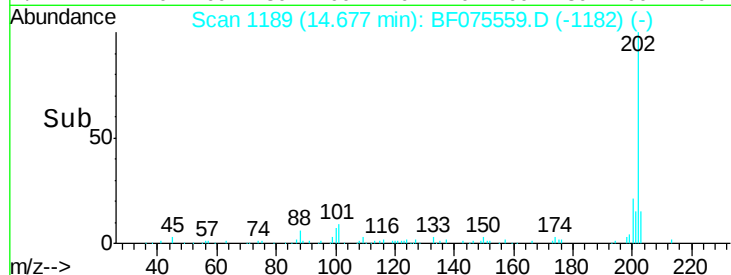
203 16.7 0.0 38.2



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: 16.47 min Scan# 1346

Delta R.T. -0.07 min

Lab File: BF075559.D

Acq: 15 Nov 2014 23:48

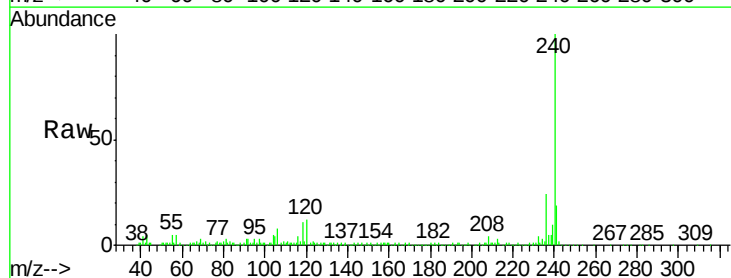
Tgt Ion:240 Resp: 217722

Ion Ratio Lower Upper

240 100

120 12.1 9.6 14.4

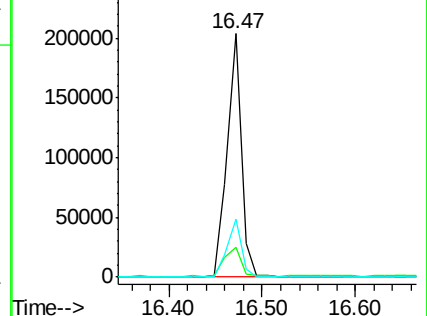
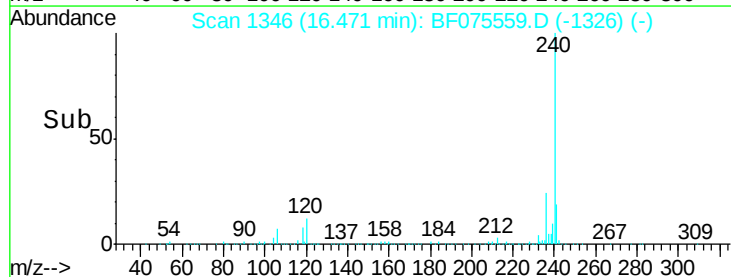
236 23.9 18.9 28.3

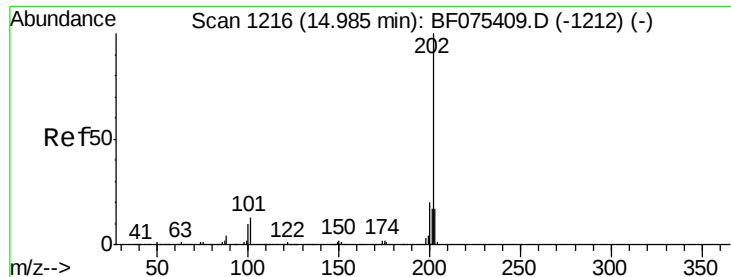


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

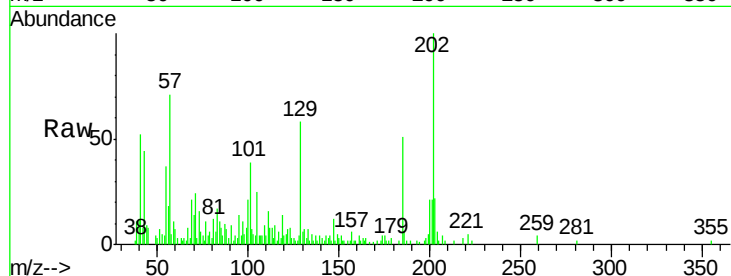




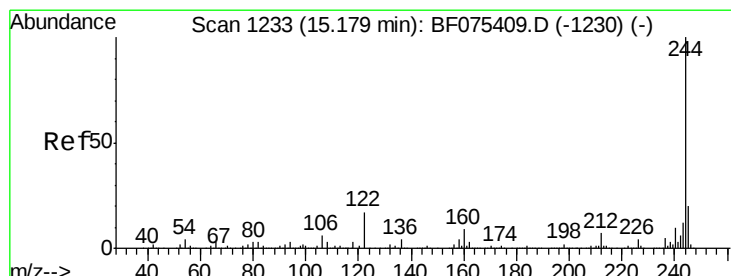
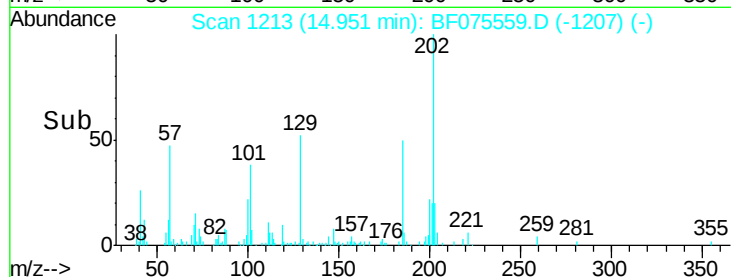
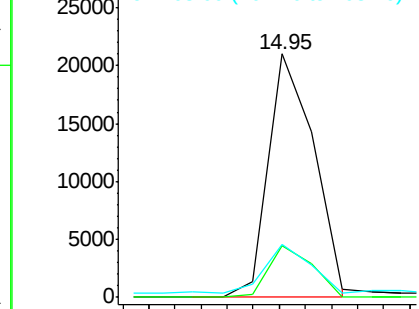
#77
 Pyrene
 Concen: 2.02 ng
 RT: 14.95 min Scan# 1213
 Delta R.T. -0.03 min
 Lab File: BF075559.D
 Acq: 15 Nov 2014 23:48

Instrument :
 BNA_F
 ClientSampleId :
 AP6S2

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	21.6	14.3	21.5#

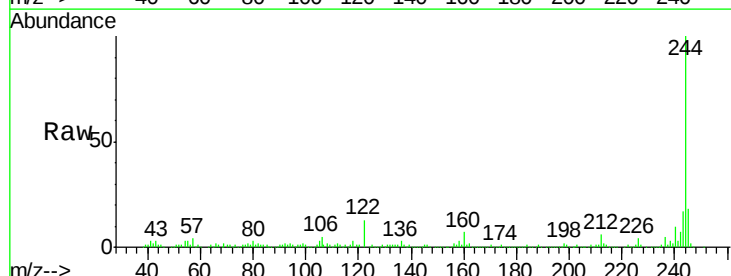


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

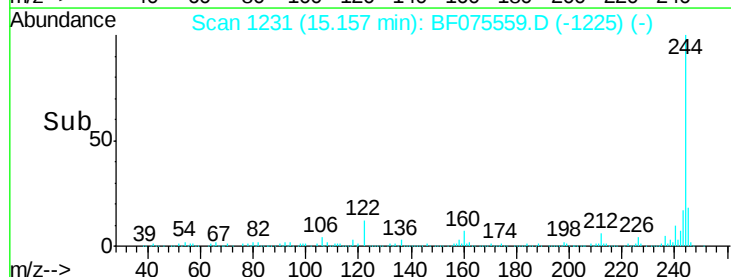
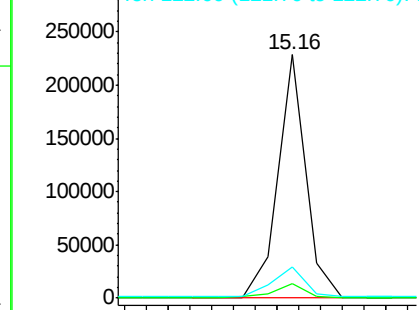


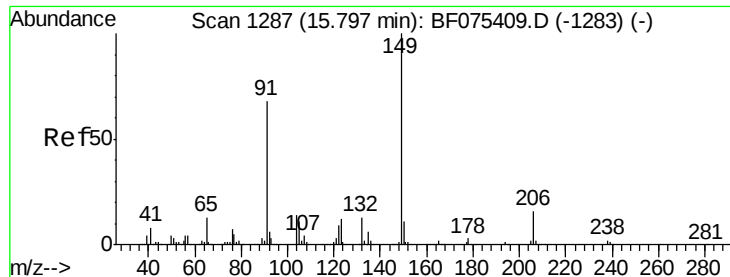
#78
 Terphenyl-d14
 Concen: 25.52 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075559.D
 Acq: 15 Nov 2014 23:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.5	8.3
122	12.8	9.7	14.5



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

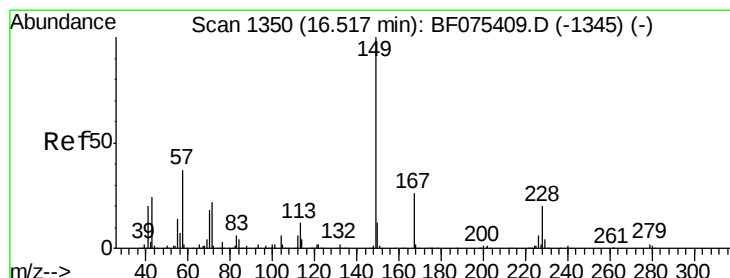
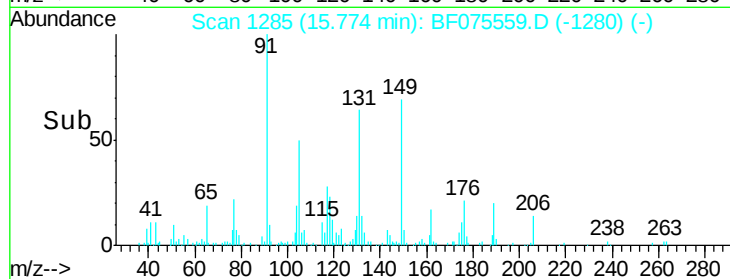
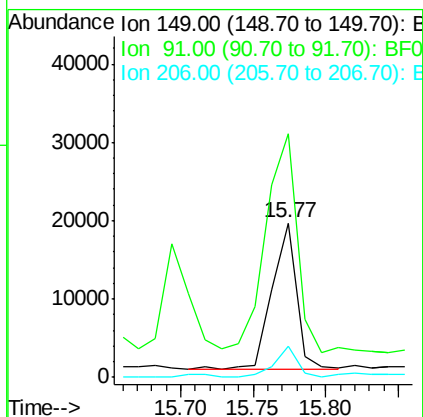
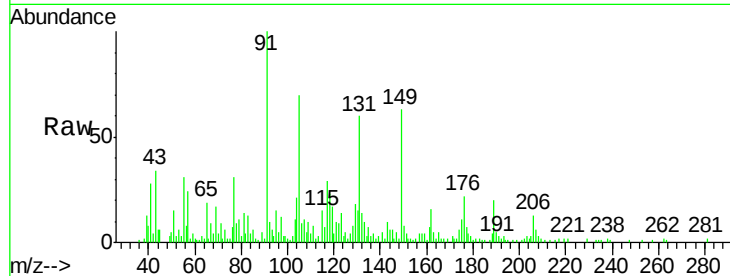




#79
Butylbenzylphthalate
Concen: 3.11 ng
RT: 15.77 min Scan# 1285
Delta R.T. -0.05 min
Lab File: BF075559.D
Acq: 15 Nov 2014 23:48

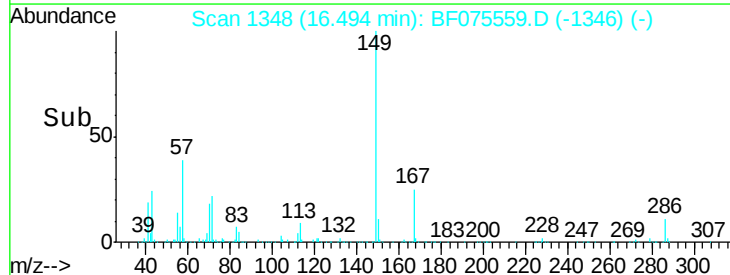
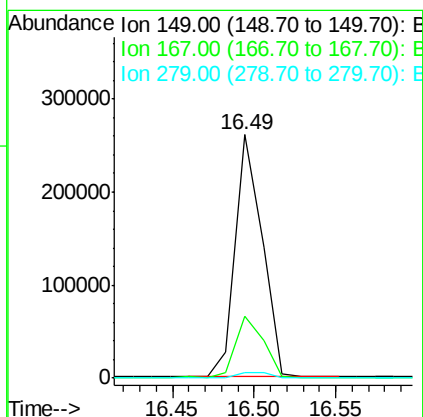
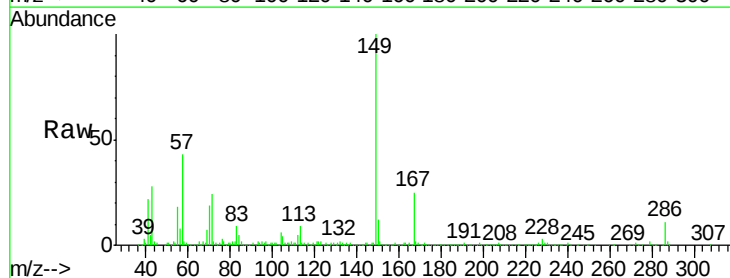
Instrument :
BNA_F
ClientSampleId :
AP6S2

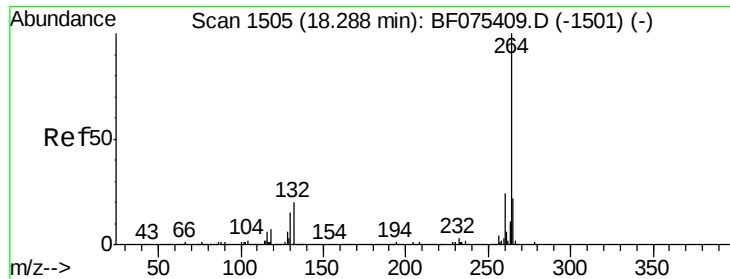
Tgt Ion:149 Resp: 22120
Ion Ratio Lower Upper
149 100
91 158.1 49.0 73.4#
206 20.1 15.5 23.3



#83
Bis(2-ethylhexyl)phthalate
Concen: 26.26 ng
RT: 16.49 min Scan# 1348
Delta R.T. -0.08 min
Lab File: BF075559.D
Acq: 15 Nov 2014 23:48

Tgt Ion:149 Resp: 294010
Ion Ratio Lower Upper
149 100
167 25.5 21.4 32.2
279 2.2 2.8 4.2#

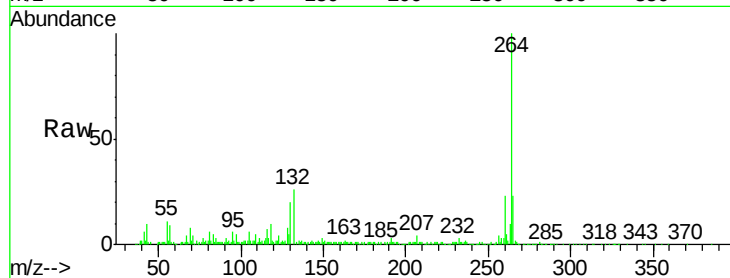




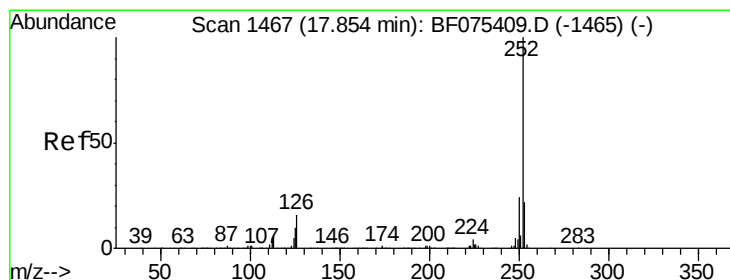
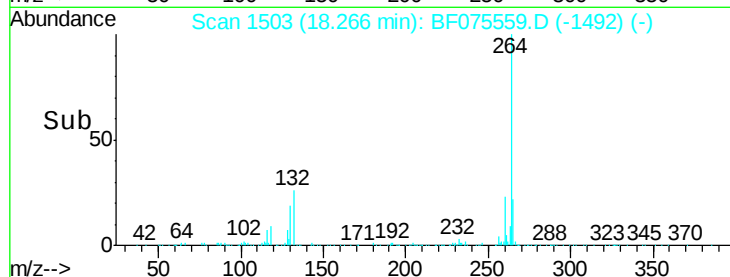
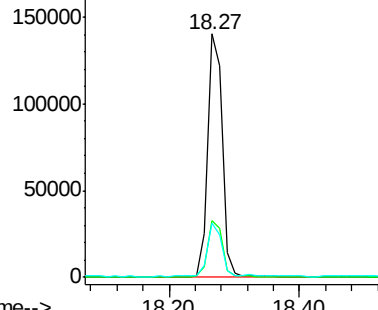
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 1503
Delta R.T. -0.17 min
Lab File: BF075559.D
Acq: 15 Nov 2014 23:48

Instrument :
BNA_F
ClientSampleId :
AP6S2

Tgt Ion:264 Resp: 215135
Ion Ratio Lower Upper
264 100
260 23.4 17.9 26.9
265 22.5 16.3 24.5

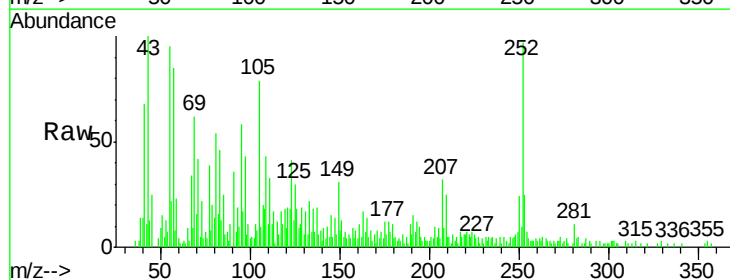


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(k)fluoranthene
Concen: 2.71 ng
RT: 17.80 min Scan# 1462
Delta R.T. -0.18 min
Lab File: BF075559.D
Acq: 15 Nov 2014 23:48

Tgt Ion:252 Resp: 27989
Ion Ratio Lower Upper
252 100
253 25.6 18.1 27.1
125 31.5 11.6 17.4#



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

