

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
 Data File : BF082687.D
 Acq On : 4 Nov 2015 6:45
 Operator : UM/IZ
 Sample : G4240-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(18-20)

Quant Time: Nov 04 07:11:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

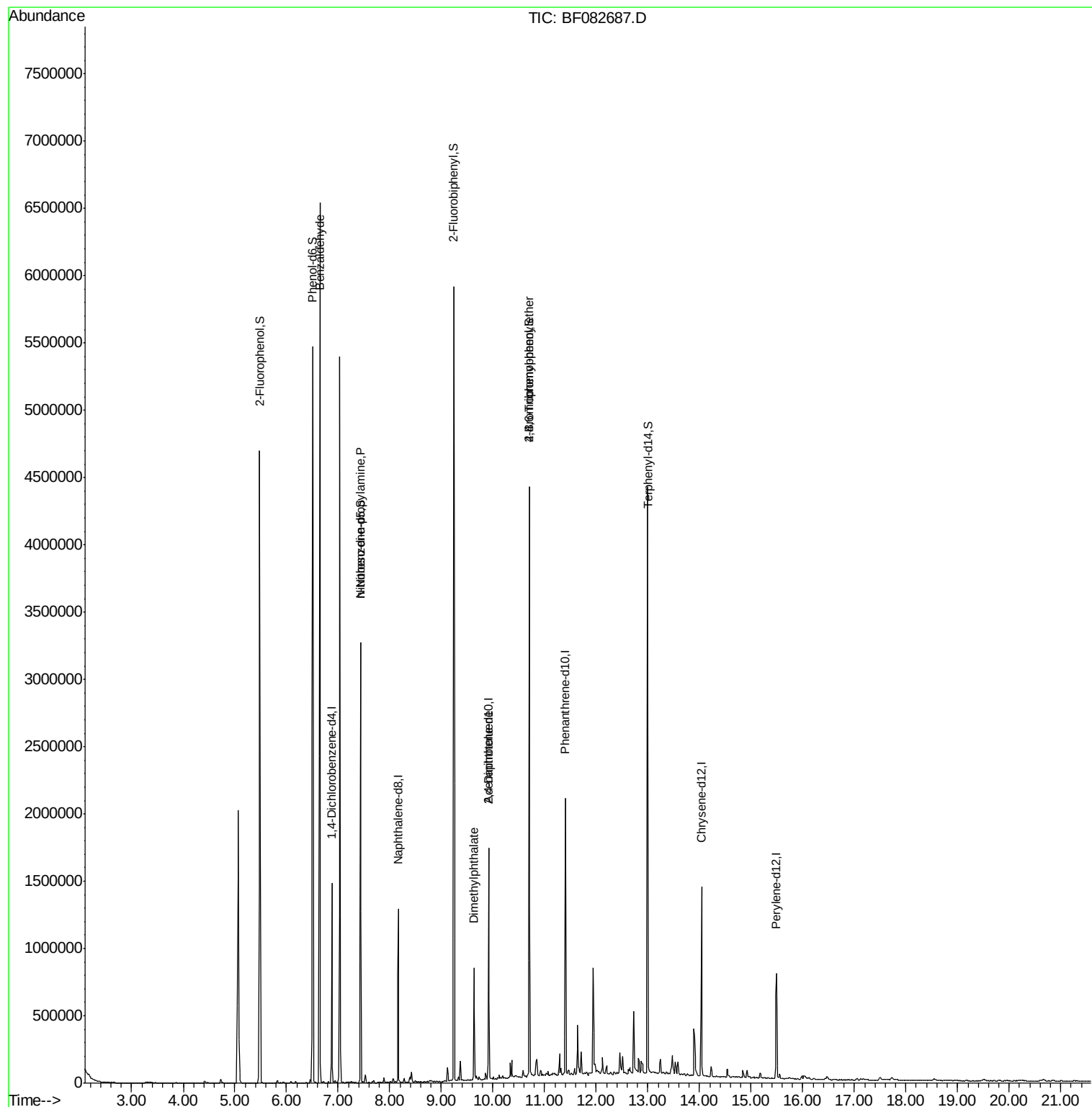
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186669	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	691791	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	339501	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	673075	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	503055	20.00	ng	-0.01
86) Perylene-d12	15.49	264	426758	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1494613	120.59	ng	0.01
7) Phenol-d6	6.51	99	1936969	117.64	ng	0.00
23) Nitrobenzene-d5	7.44	82	1310124	77.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	540759	145.54	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	2023080	84.61	ng	-0.01
78) Terphenyl-d14	13.00	244	1983108	86.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	49207	4.38	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.44	70	179258	14.36	ng	# 73
49) Dimethylphthalate	9.63	163	423325	15.27	ng	100
56) 2,4-Dinitrotoluene	9.92	165	44349	5.71	ng	# 16
66) 4-Bromophenyl-phenylether	10.70	248	34180	4.48	ng	# 1

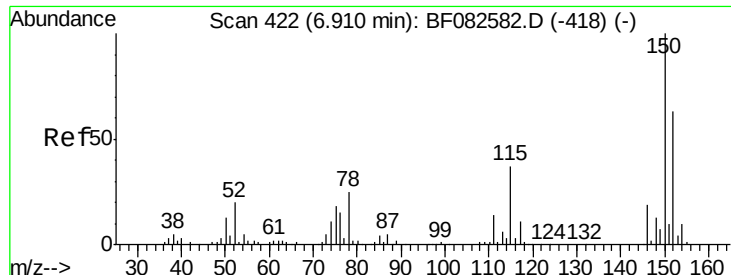
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB-04(18-20)

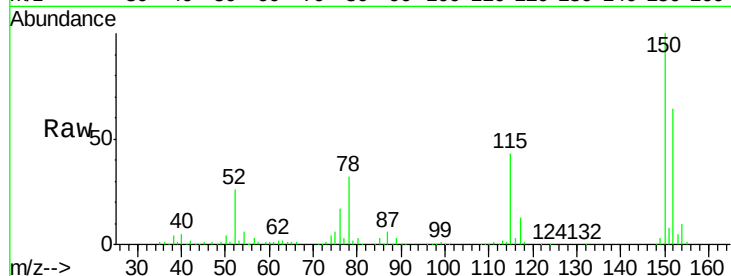
Tgt Ion:152 Resp: 186669

Ion Ratio Lower Upper

152 100

150 155.5 127.0 190.4

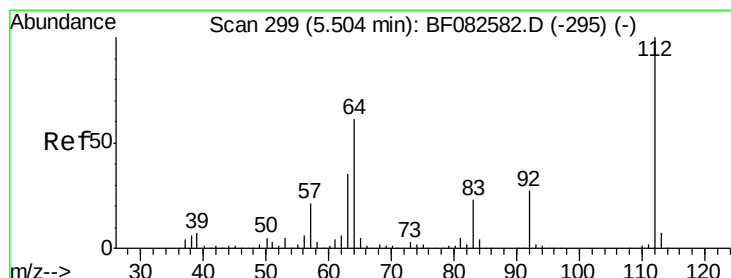
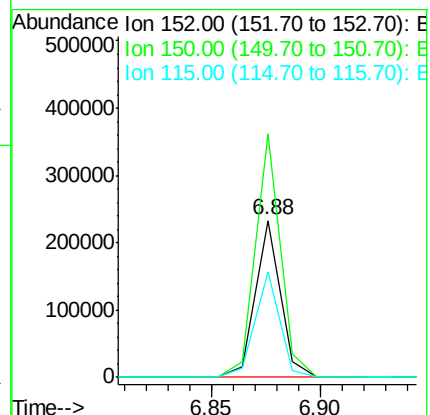
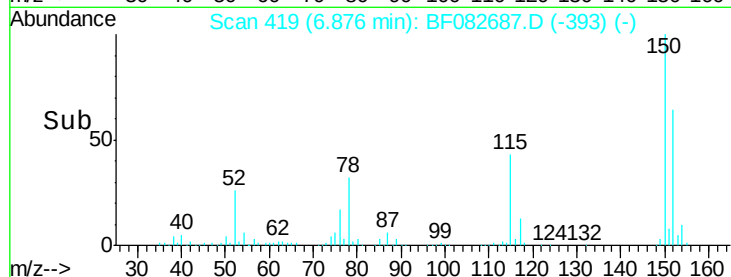
115 67.3 47.0 70.6



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: 120.59 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

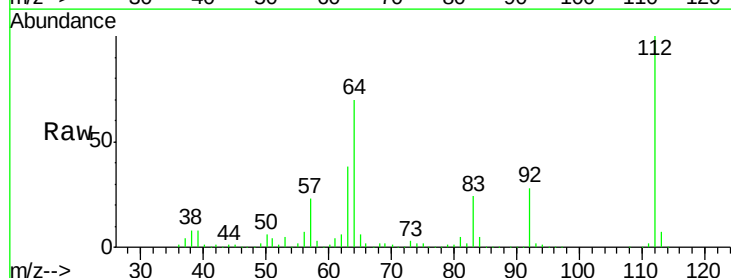
Tgt Ion:112 Resp: 1494613

Ion Ratio Lower Upper

112 100

64 70.3 48.9 73.3

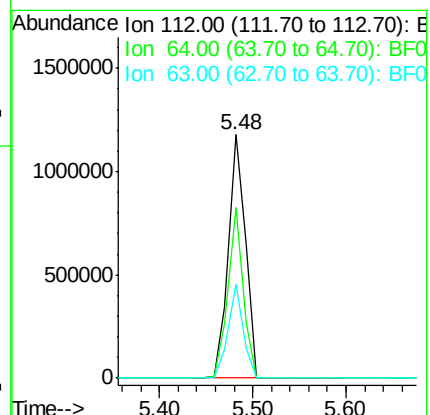
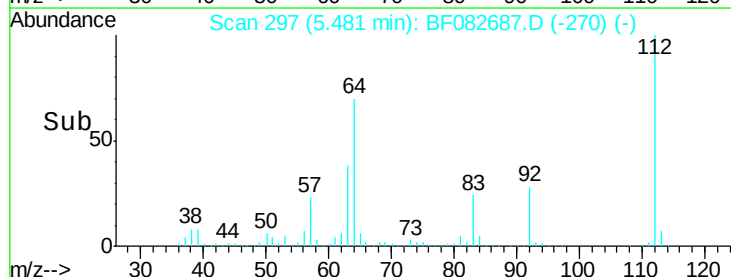
63 38.4 28.1 42.1

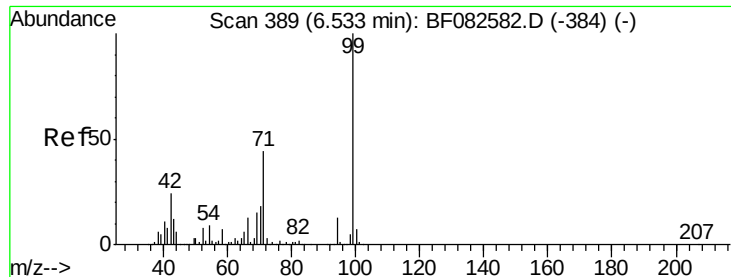


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.64 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB-04(18-20)

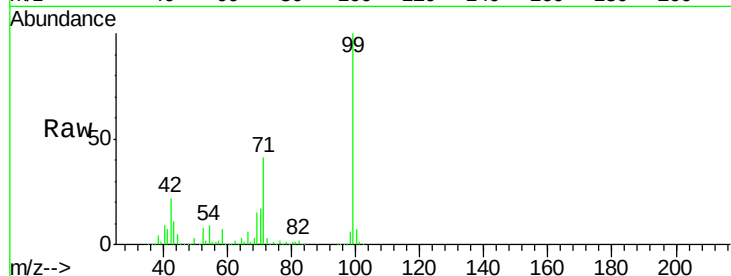
Tgt Ion: 99 Resp: 1936969

Ion Ratio Lower Upper

99 100

42 22.2 19.2 28.8

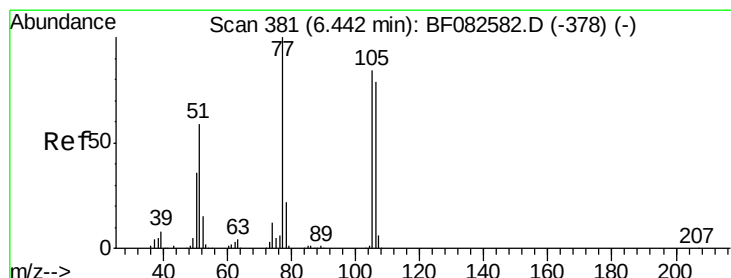
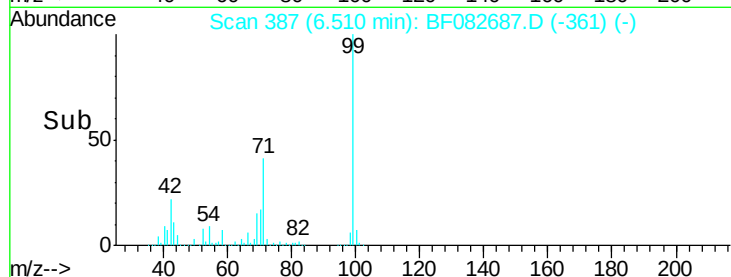
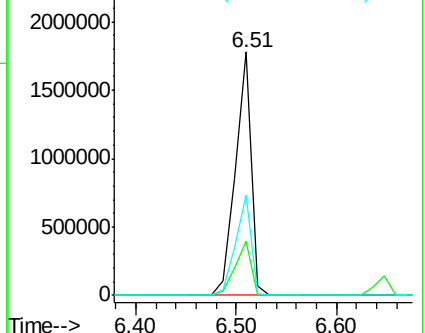
71 41.0 35.0 52.4



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: 4.38 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.23 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

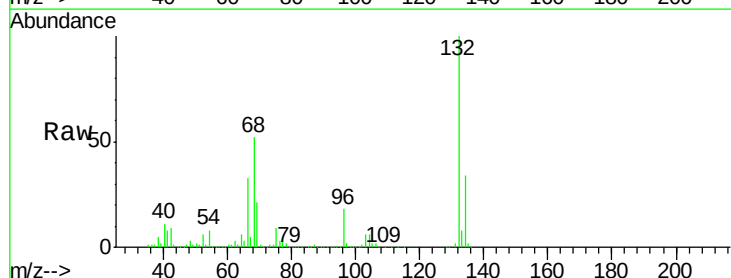
Tgt Ion: 77 Resp: 49207

Ion Ratio Lower Upper

77 100

105 73.7 63.5 103.5

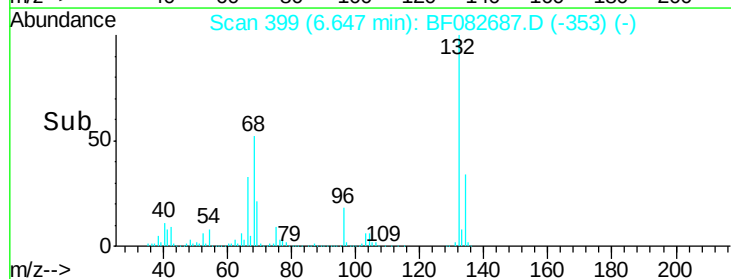
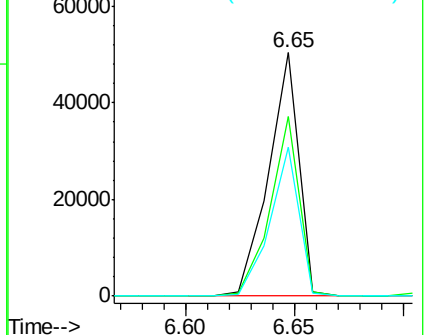
106 61.2 59.3 99.3

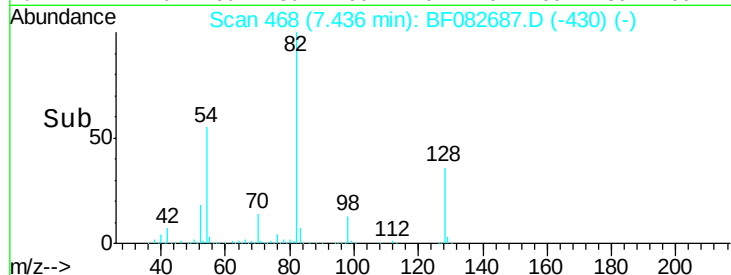
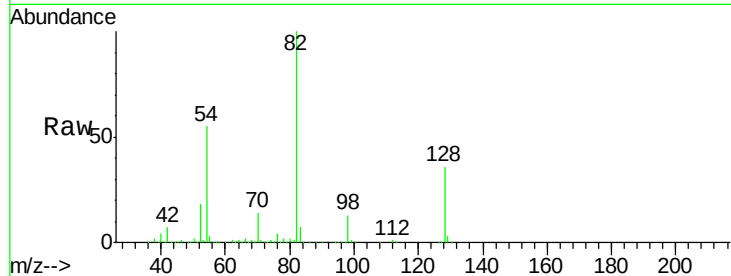
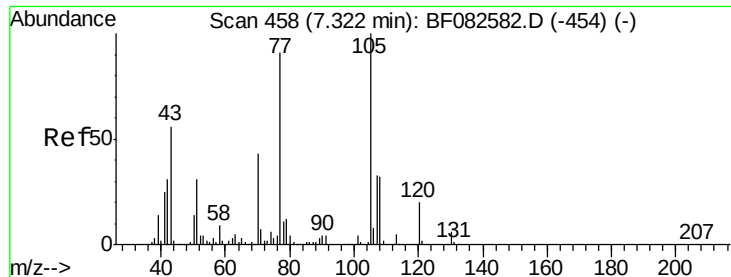


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

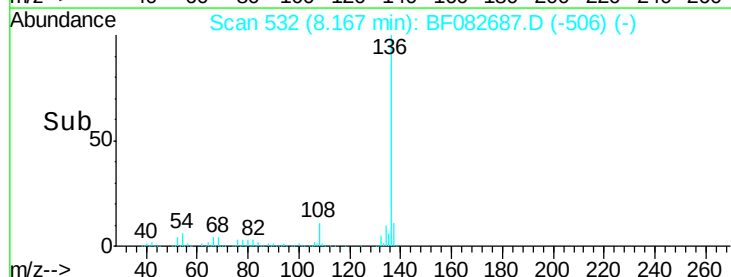
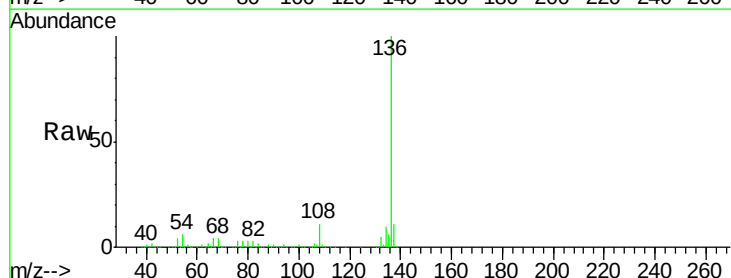
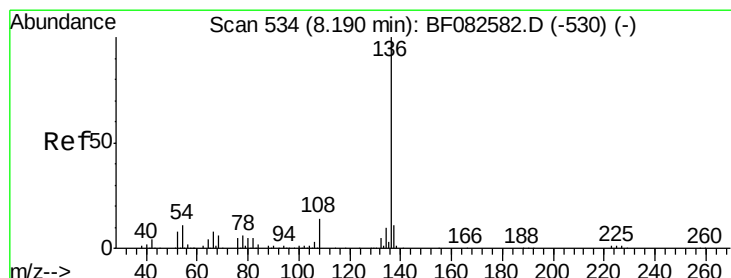
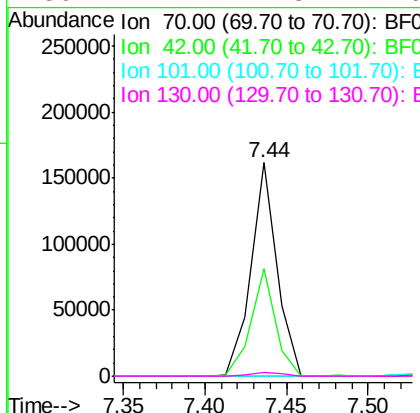




#19
n-Nitroso-di-n-propylamine
Concen: 14.36 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF082687.D
Acq: 4 Nov 2015 6:45

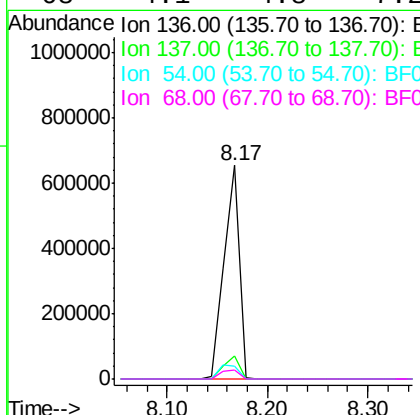
Instrument :
BNA_F
ClientSampleId :
SB-04(18-20)

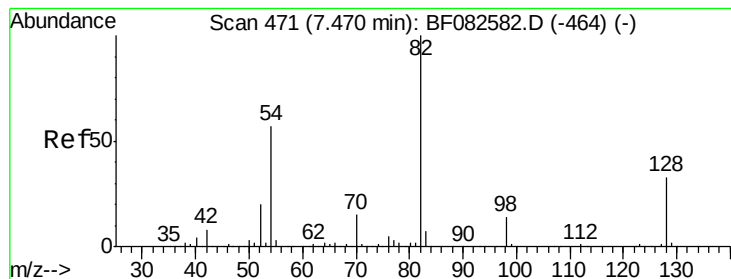
Tgt Ion: 70 Resp: 179258
Ion Ratio Lower Upper
70 100
42 50.1 57.7 86.5#
101 0.0 7.0 10.6#
130 1.7 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF082687.D
Acq: 4 Nov 2015 6:45

Tgt Ion: 136 Resp: 691791
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.2 9.1 13.7#
68 4.1 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 77.33 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB-04(18-20)

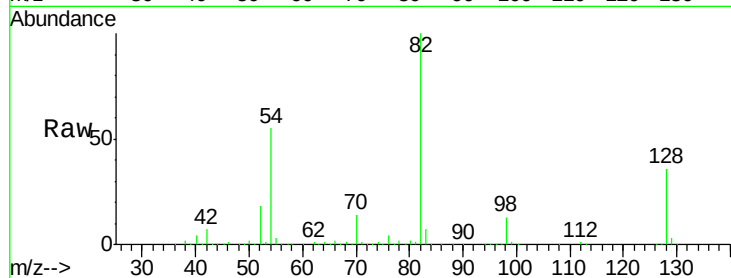
Tgt Ion: 82 Resp: 1310124

Ion Ratio Lower Upper

82 100

128 35.7 26.8 40.2

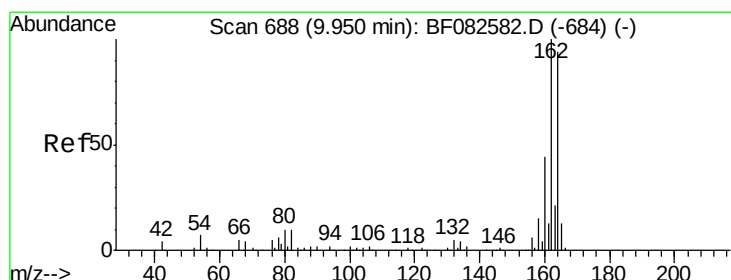
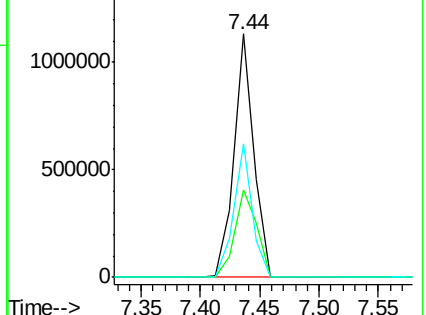
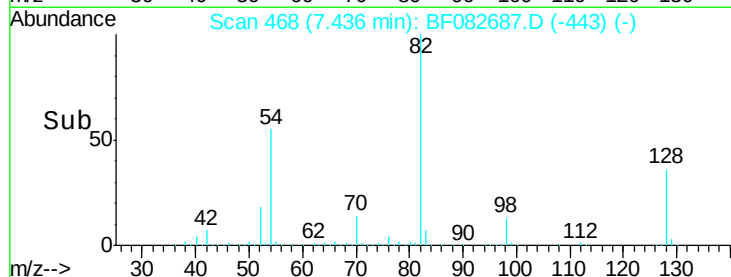
54 54.9 45.7 68.5



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: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

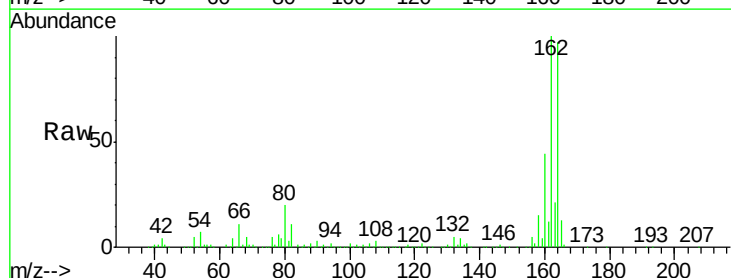
Tgt Ion: 164 Resp: 339501

Ion Ratio Lower Upper

164 100

162 103.2 84.9 127.3

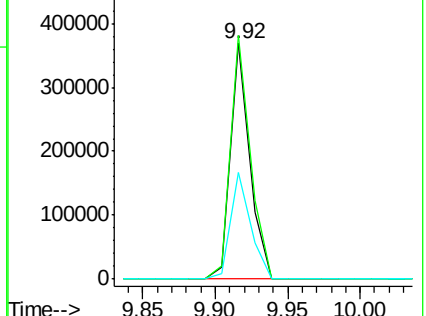
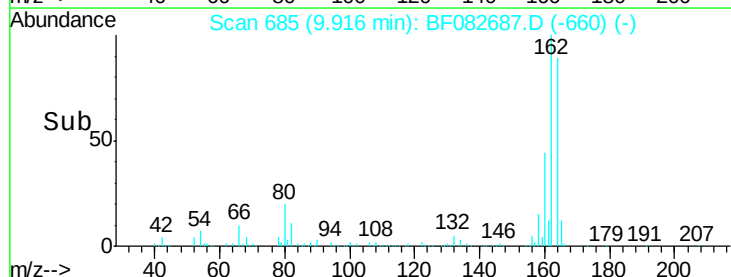
160 45.1 37.5 56.3

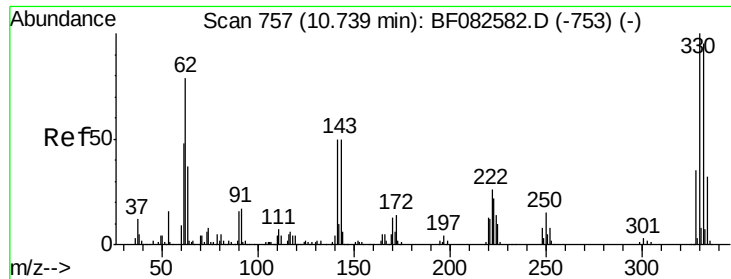


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

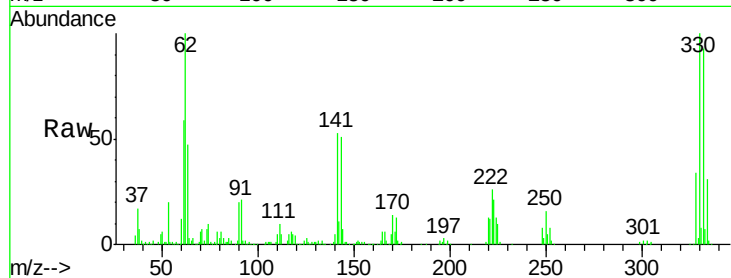




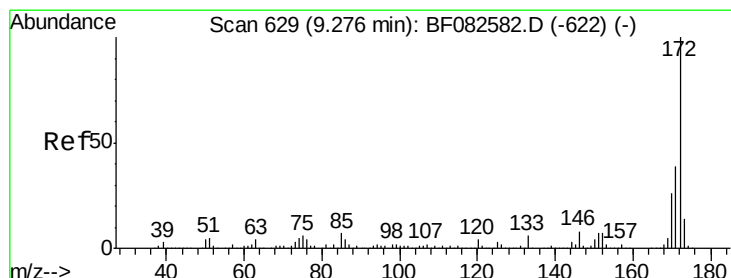
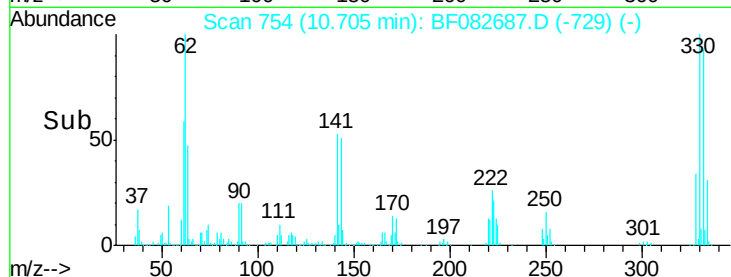
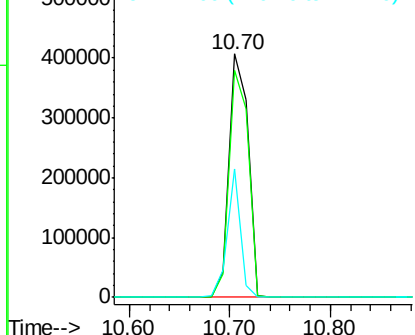
#41
 2,4,6-Tribromophenol
 Concen: 145.54 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082687.D
 Acq: 4 Nov 2015 6:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(18-20)

Tgt Ion:330 Resp: 540759
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 114.8
 141 36.5 41.2 61.8#

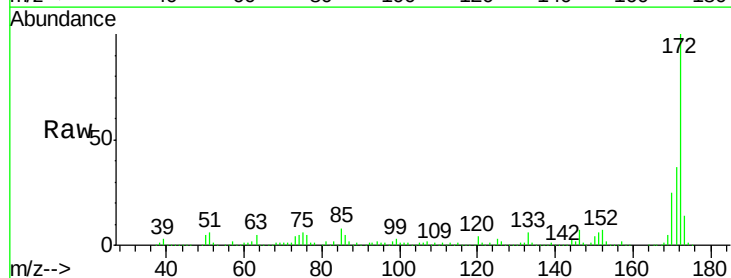


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

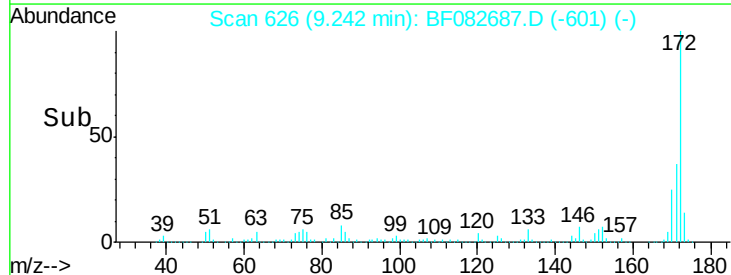
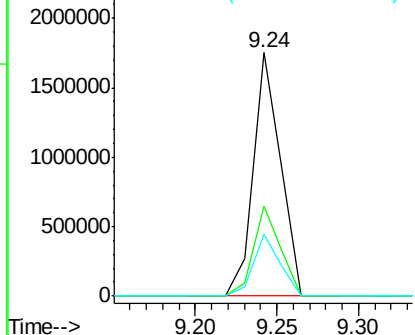


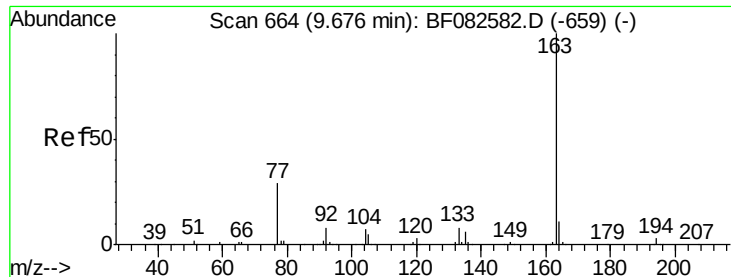
#44
 2-Fluorobiphenyl
 Concen: 84.61 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082687.D
 Acq: 4 Nov 2015 6:45

Tgt Ion:172 Resp: 2023080
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.5 21.2 31.8



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

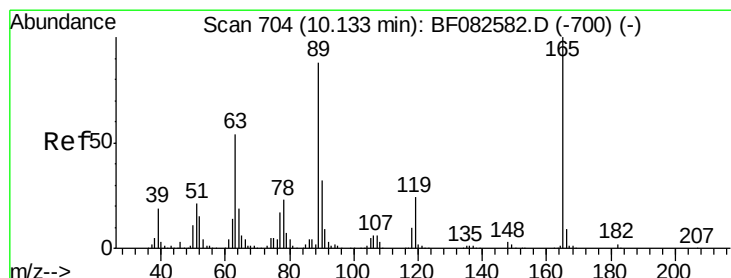
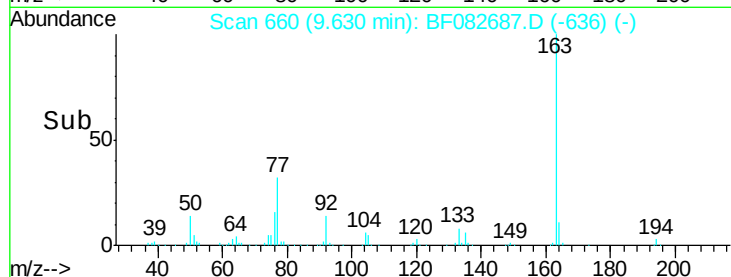
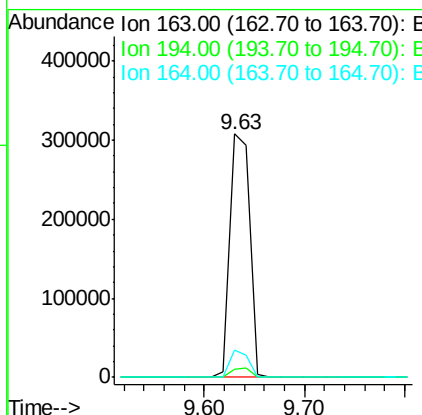
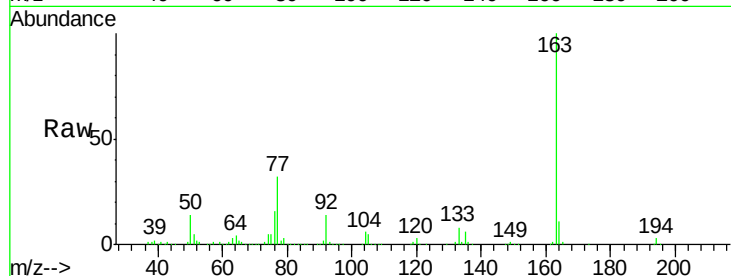




#49
Dimethylphthalate
Concen: 15.27 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF082687.D
Acq: 4 Nov 2015 6:45

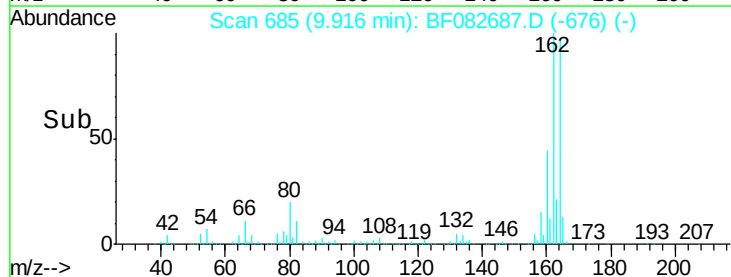
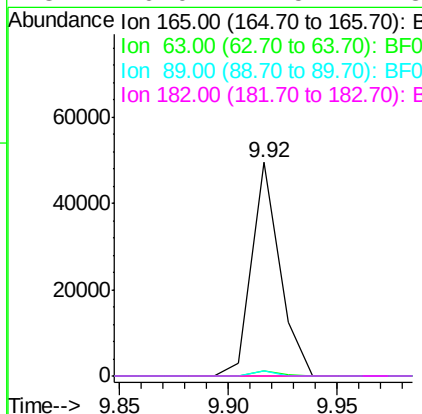
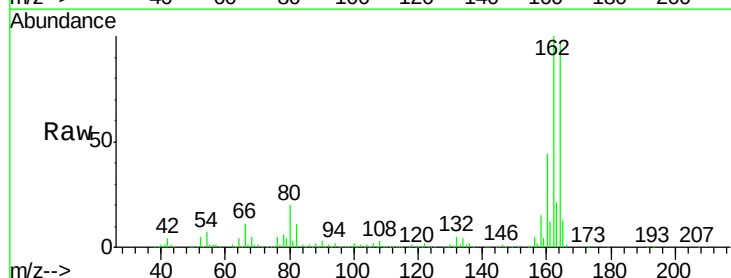
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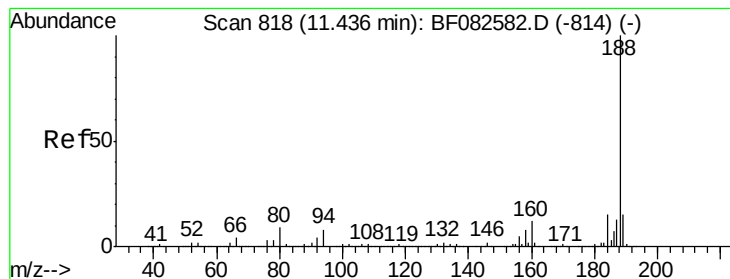
Tgt Ion:163 Resp: 423325
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 11.1 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.19 min
Lab File: BF082687.D
Acq: 4 Nov 2015 6:45

Tgt Ion:165 Resp: 44349
Ion Ratio Lower Upper
165 100
63 2.2 43.4 65.0#
89 2.4 70.6 106.0#
182 0.0 1.5 2.3#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB-04(18-20)

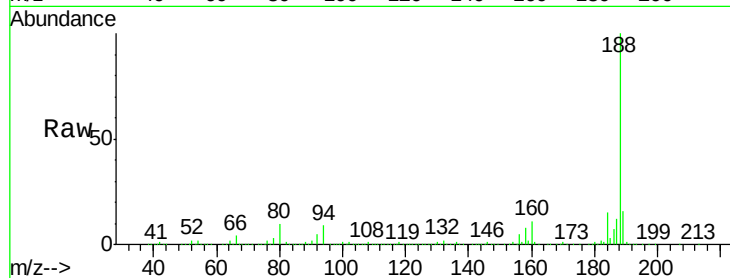
Tgt Ion:188 Resp: 673075

Ion Ratio Lower Upper

188 100

94 8.5 6.1 9.1

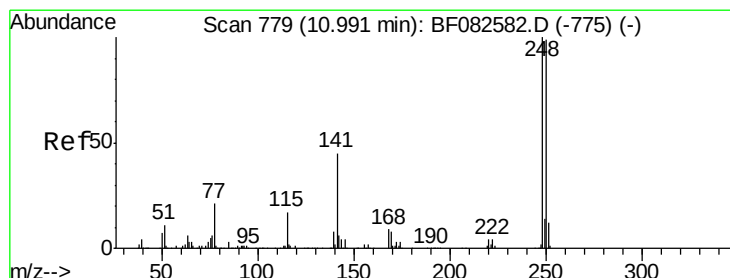
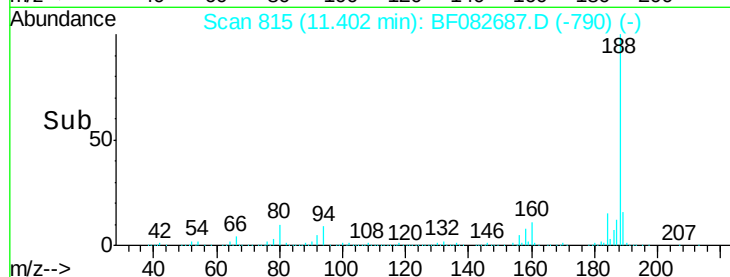
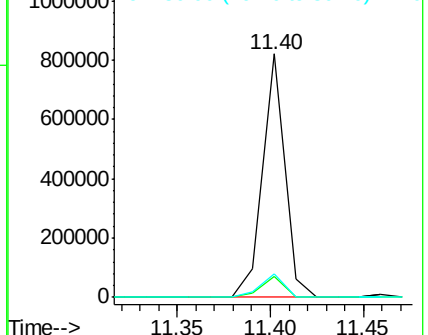
80 9.9 7.0 10.6



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: 4.48 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

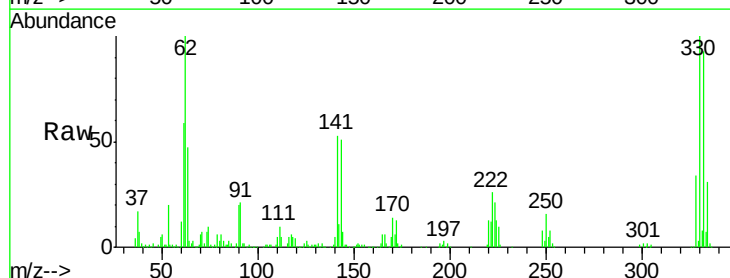
Tgt Ion:248 Resp: 34180

Ion Ratio Lower Upper

248 100

250 194.8 79.4 119.2#

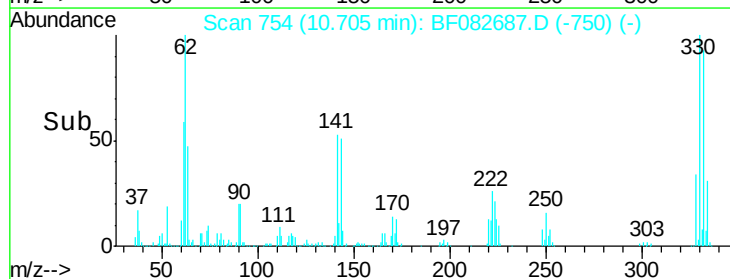
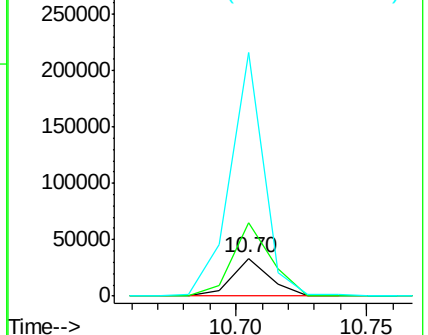
141 645.4 36.3 54.5#

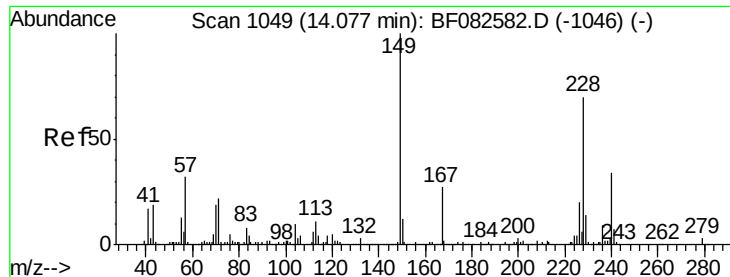


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB-04(18-20)

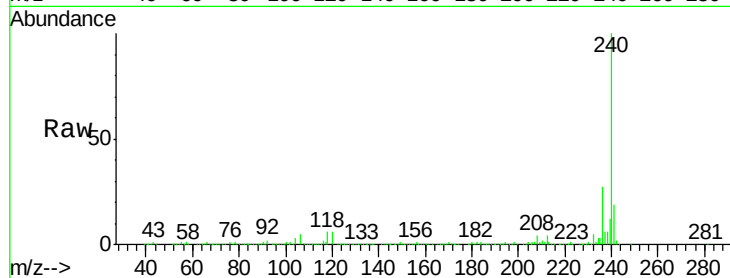
Tgt Ion:240 Resp: 503055

Ion Ratio Lower Upper

240 100

120 6.1 10.9 16.3#

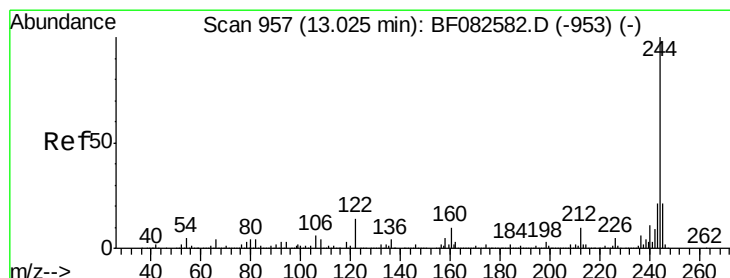
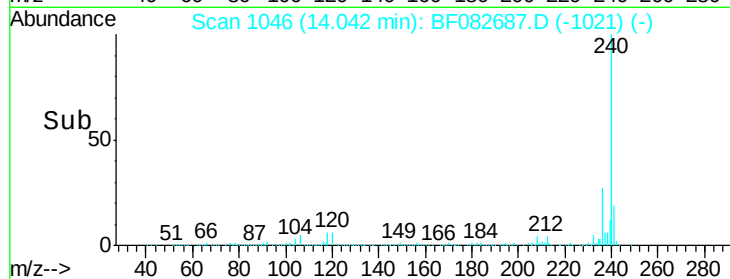
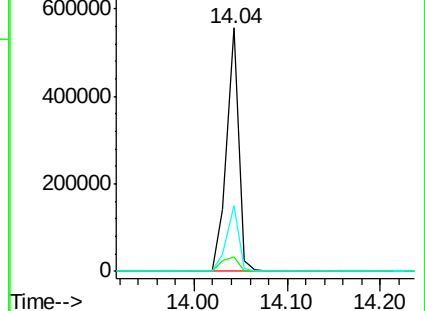
236 27.0 21.6 32.4



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



#78

Terphenyl-d14

Concen: 86.27 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

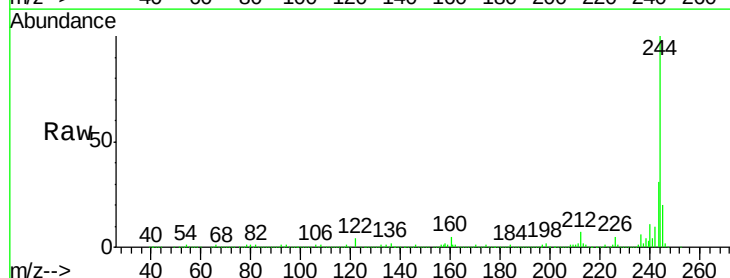
Tgt Ion:244 Resp: 1983108

Ion Ratio Lower Upper

244 100

212 7.2 7.6 11.4#

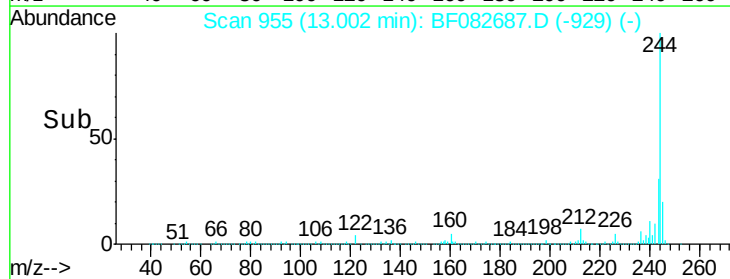
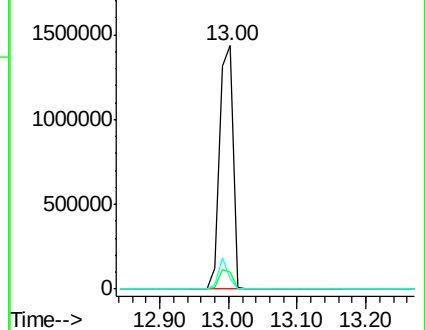
122 4.3 11.3 16.9#

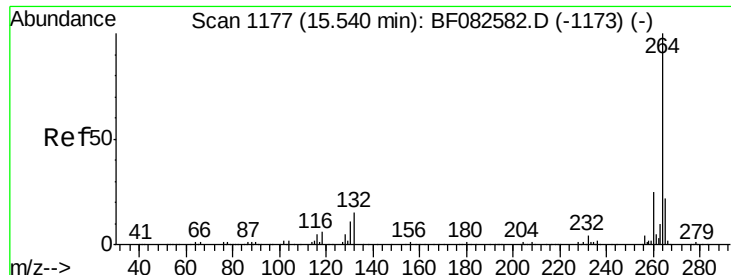


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF082687.D
Acq: 4 Nov 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-04(18-20)

Tgt Ion:	264	Resp:	426758
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.5	17.4	26.0

