

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
 Data File : BF082685.D
 Acq On : 4 Nov 2015 5:47
 Operator : UM/IZ
 Sample : G4240-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(8-10)

Quant Time: Nov 04 07:03:46 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

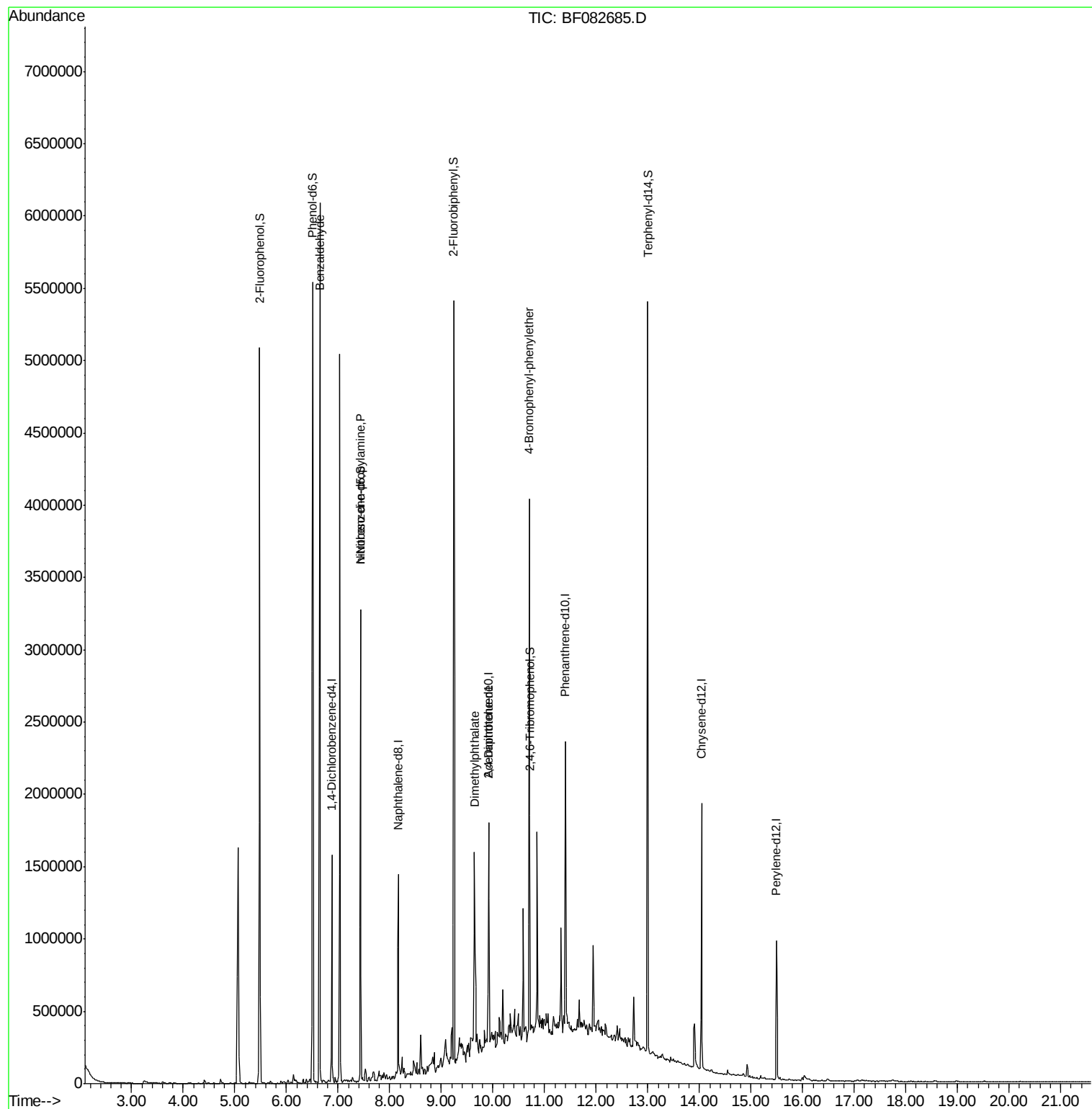
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	196072	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	731622	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	367400	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	688600	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	553905	20.00	ng	-0.01
86) Perylene-d12	15.49	264	468125	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1341531	103.05	ng	0.01
7) Phenol-d6	6.51	99	1961938	113.44	ng	0.00
23) Nitrobenzene-d5	7.44	82	1199887	66.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	502379	124.94	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2001154	77.33	ng	-0.01
78) Terphenyl-d14	13.00	244	2172049	85.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	49009	4.15	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.44	70	170521	13.01	ng	# 74
49) Dimethylphthalate	9.64	163	653698	21.79	ng	# 97
56) 2,4-Dinitrotoluene	9.92	165	48415	5.76	ng	# 16
66) 4-Bromophenyl-phenylether	10.70	248	30754	3.94	ng	# 1

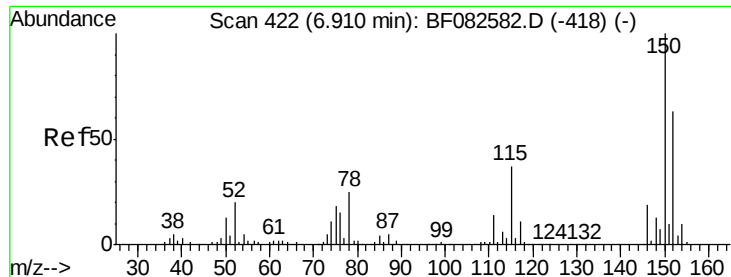
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
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Quant Time: Nov 04 07:03:46 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082685.D

Acq: 4 Nov 2015 5:47

Instrument :

BNA_F

ClientSampleId :

SB-05(8-10)

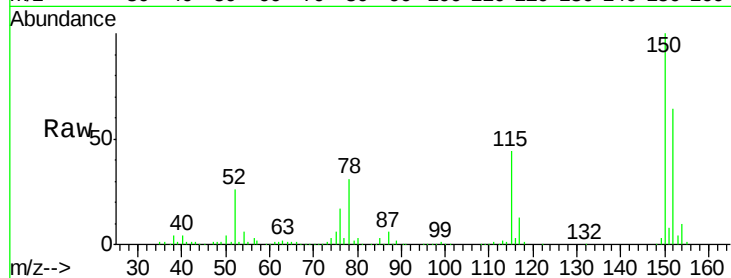
Tgt Ion:152 Resp: 196072

Ion Ratio Lower Upper

152 100

150 156.1 127.0 190.4

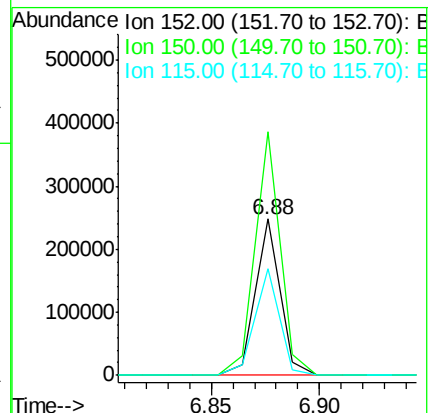
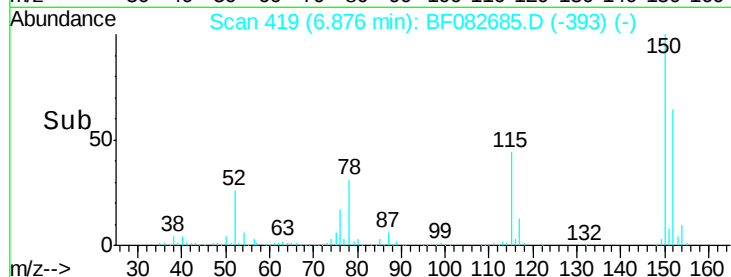
115 68.8 47.0 70.6



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: 103.05 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082685.D

Acq: 4 Nov 2015 5:47

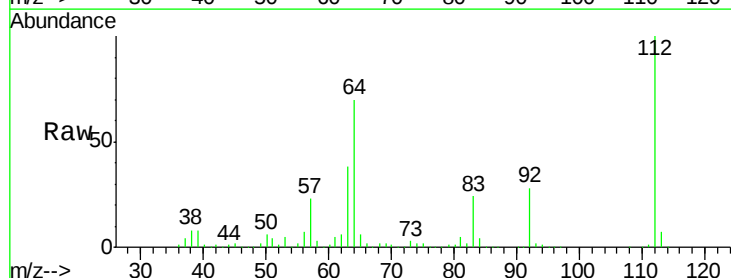
Tgt Ion:112 Resp: 1341531

Ion Ratio Lower Upper

112 100

64 70.4 48.9 73.3

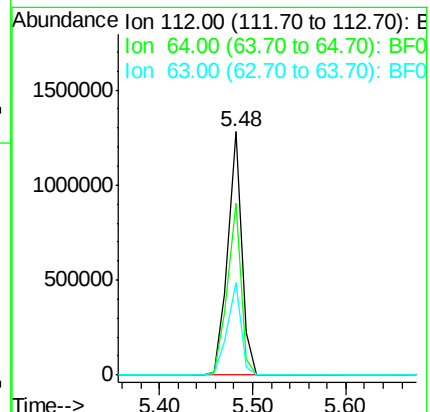
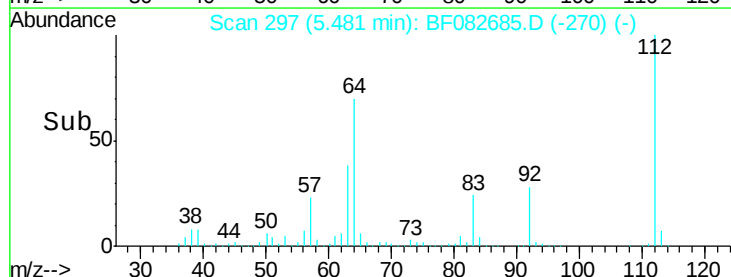
63 37.9 28.1 42.1

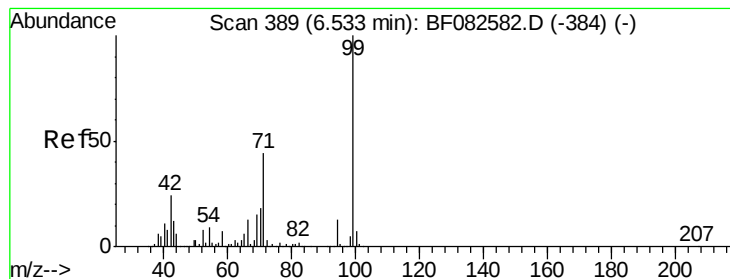


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.44 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082685.D

Acq: 4 Nov 2015 5:47

Instrument :

BNA_F

ClientSampleId :

SB-05(8-10)

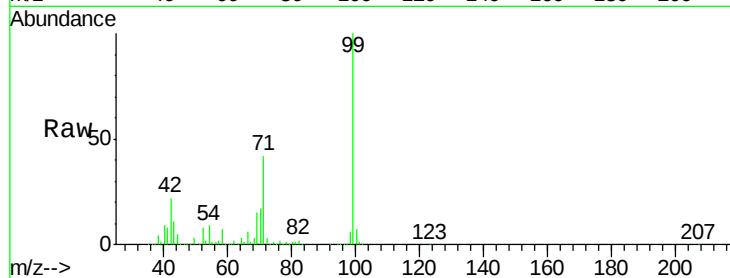
Tgt Ion: 99 Resp: 1961938

Ion Ratio Lower Upper

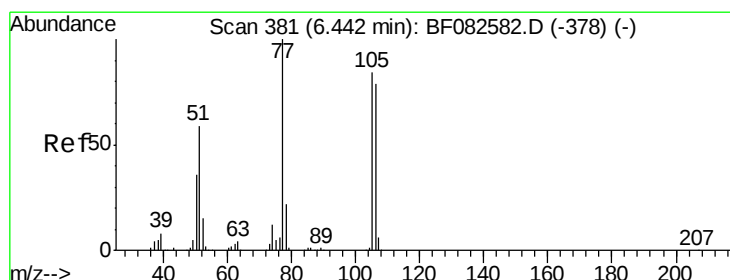
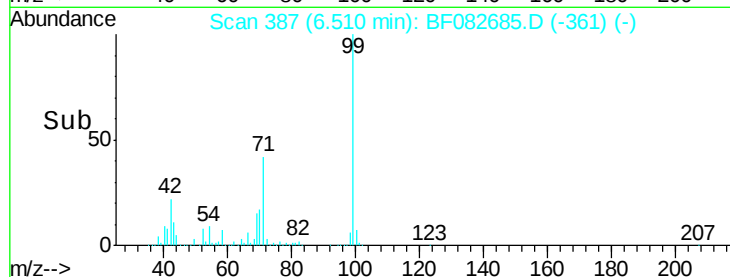
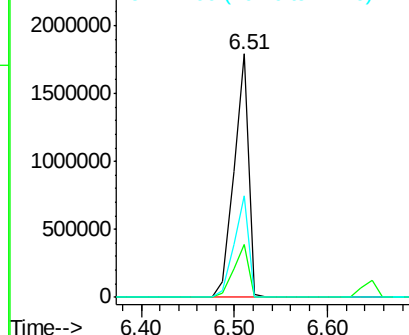
99 100

42 21.8 19.2 28.8

71 41.8 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: 4.15 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.23 min

Lab File: BF082685.D

Acq: 4 Nov 2015 5:47

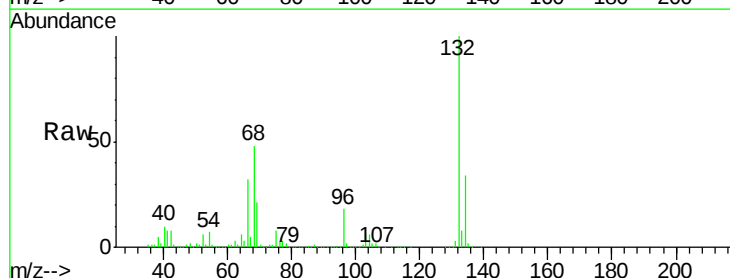
Tgt Ion: 77 Resp: 49009

Ion Ratio Lower Upper

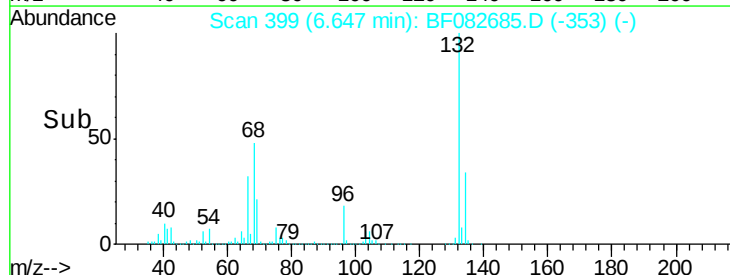
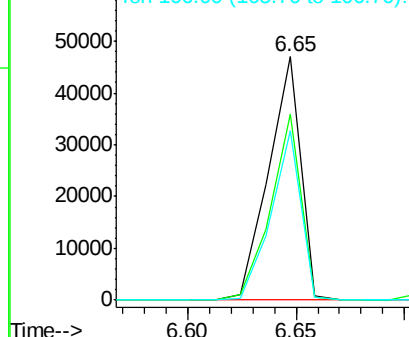
77 100

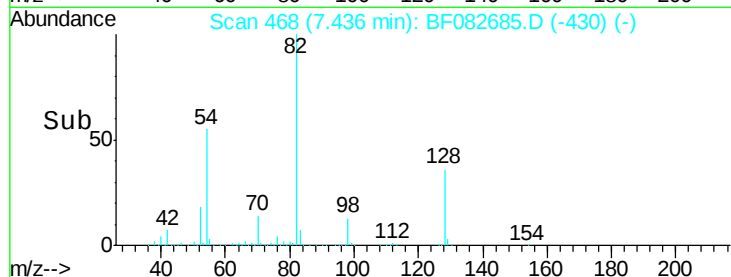
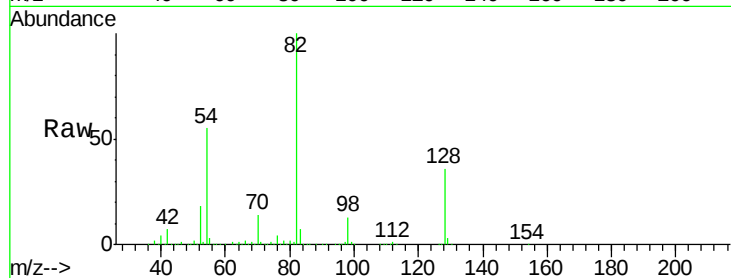
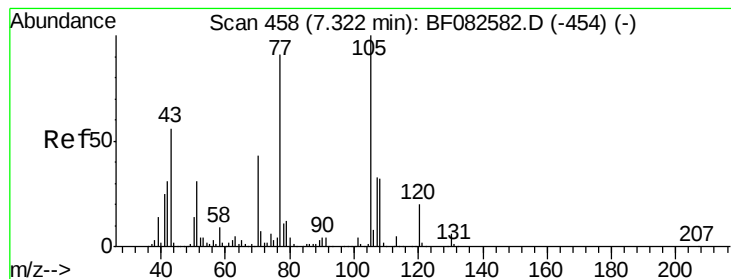
105 76.5 63.5 103.5

106 69.3 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: 13.01 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF082685.D

Acq: 4 Nov 2015 5:47

Instrument :

BNA_F

ClientSampleId :

SB-05(8-10)

Tgt Ion: 70 Resp: 170521

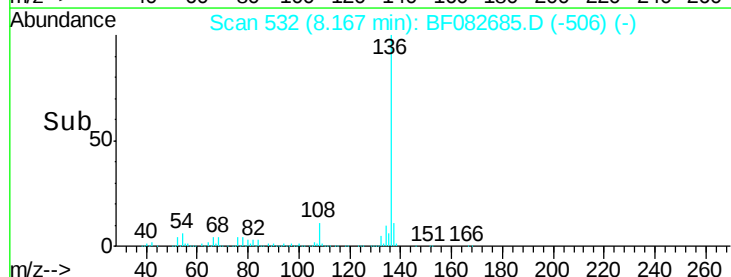
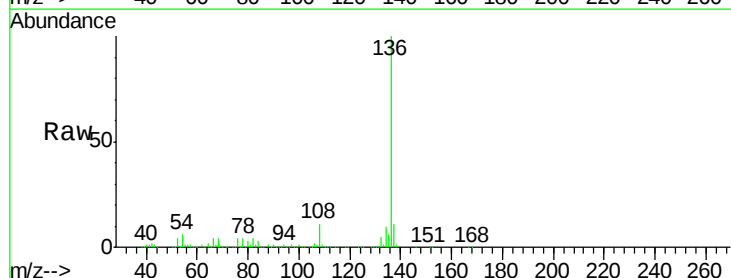
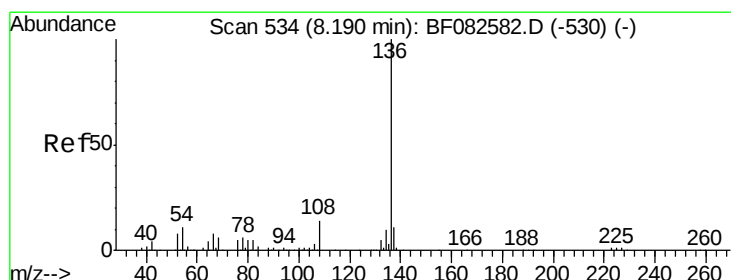
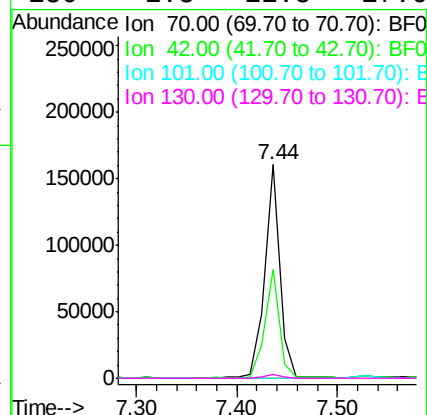
Ion Ratio Lower Upper

70 100

42 50.7 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 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: BF082685.D

Acq: 4 Nov 2015 5:47

Tgt Ion:136 Resp: 731622

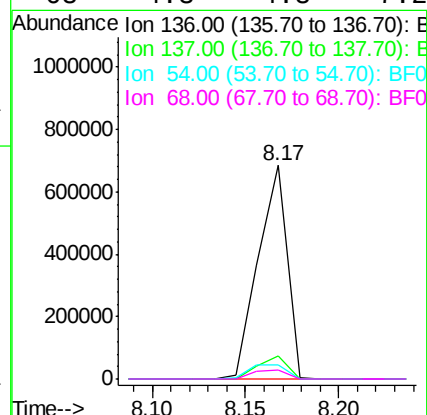
Ion Ratio Lower Upper

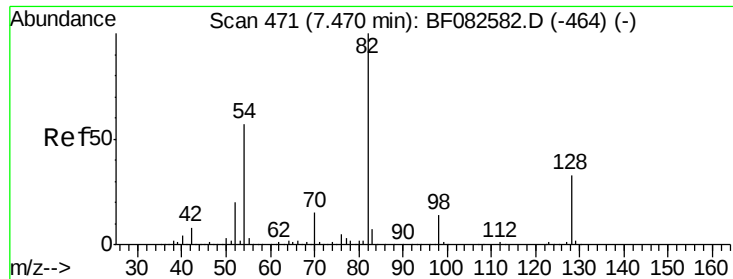
136 100

137 10.9 9.1 13.7

54 6.4 9.1 13.7#

68 4.3 4.8 7.2#



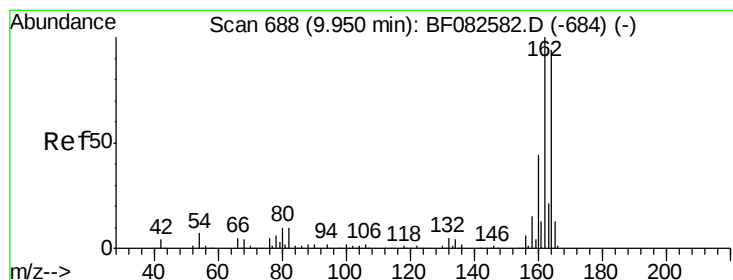
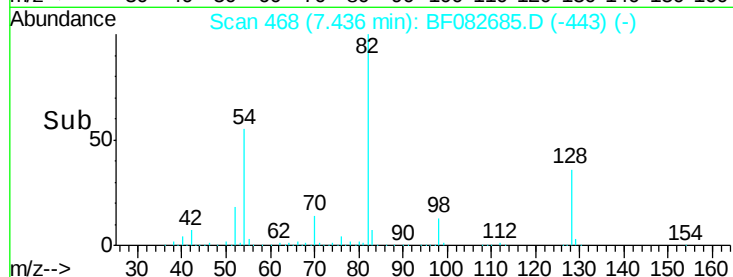
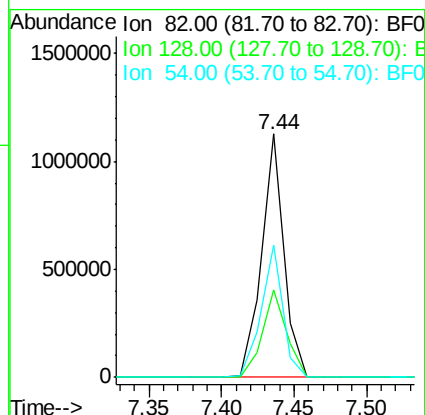
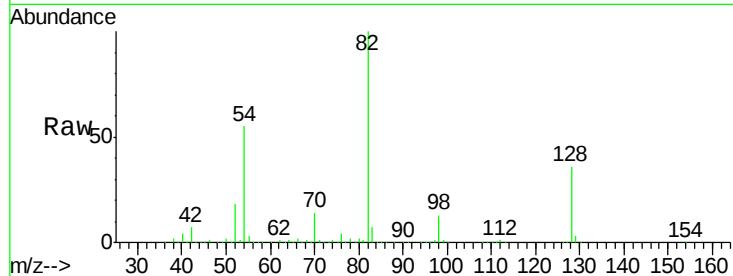


#23
 Nitrobenzene-d5
 Concen: 66.97 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082685.D
 Acq: 4 Nov 2015 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(8-10)

Tgt Ion: 82 Resp: 1199887

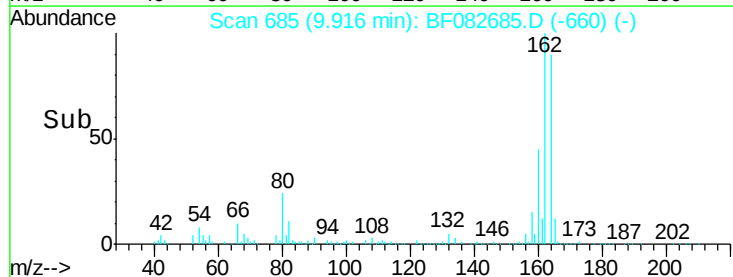
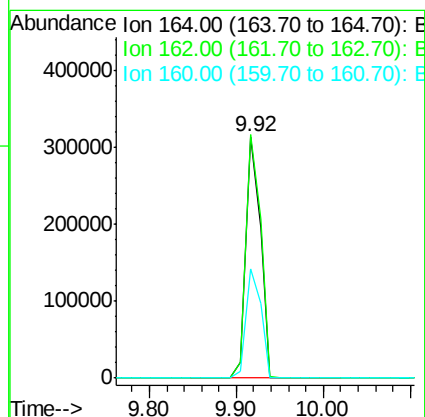
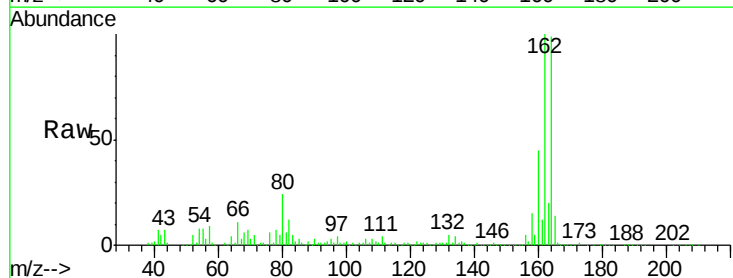
Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.8	40.2
54	54.5	45.7	68.5

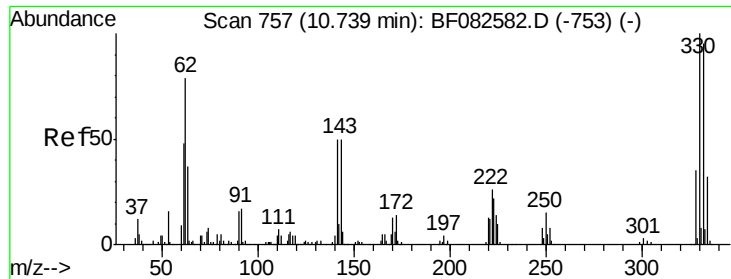


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082685.D
 Acq: 4 Nov 2015 5:47

Tgt Ion: 164 Resp: 367400

Ion	Ratio	Lower	Upper
164	100		
162	101.0	84.9	127.3
160	45.3	37.5	56.3

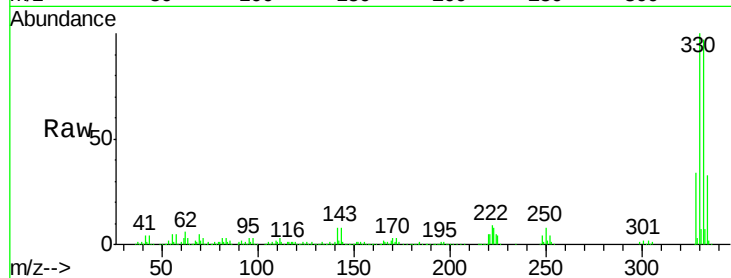




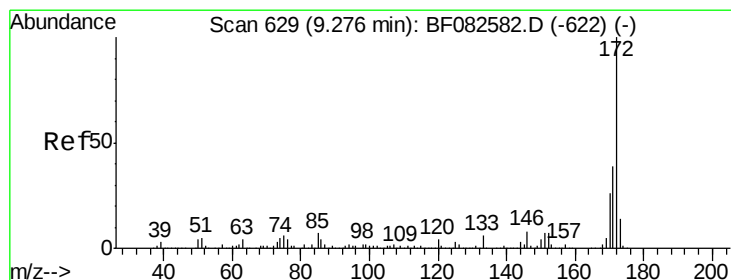
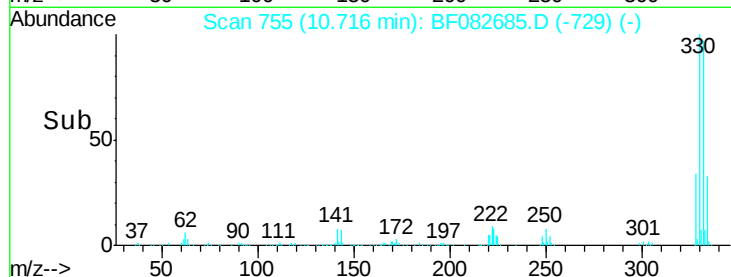
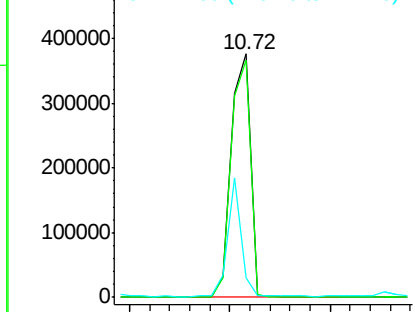
#41
 2,4,6-Tribromophenol
 Concen: 124.94 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082685.D
 Acq: 4 Nov 2015 5:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(8-10)

Tgt Ion:330 Resp: 502379
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 34.8 41.2 61.8#

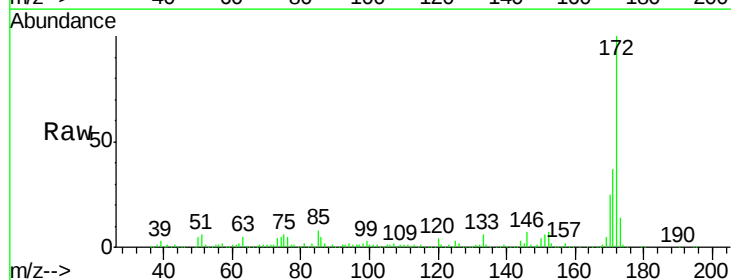


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

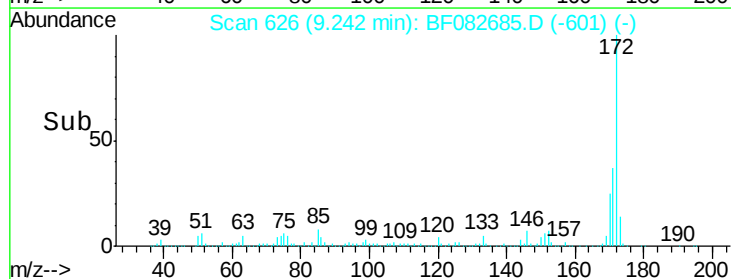
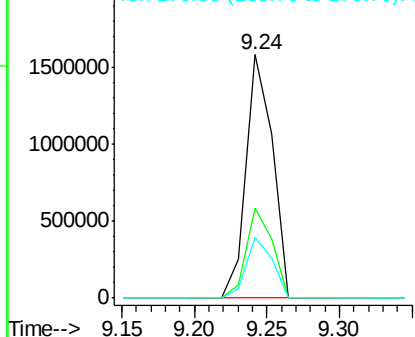


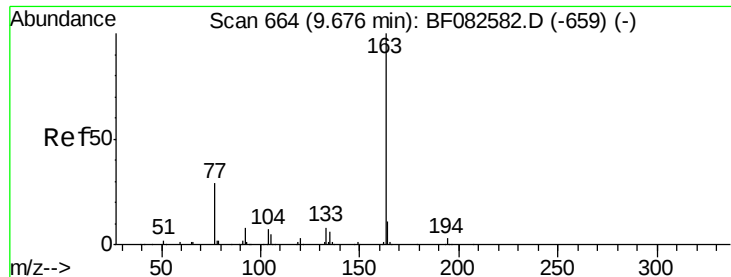
#44
 2-Fluorobiphenyl
 Concen: 77.33 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082685.D
 Acq: 4 Nov 2015 5:47

Tgt Ion:172 Resp: 2001154
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.0 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

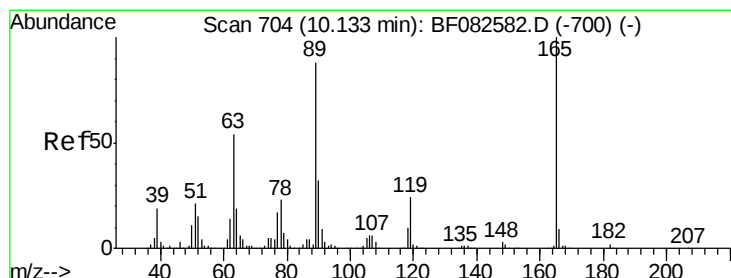
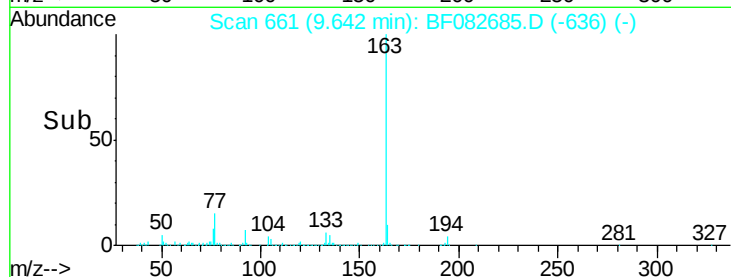
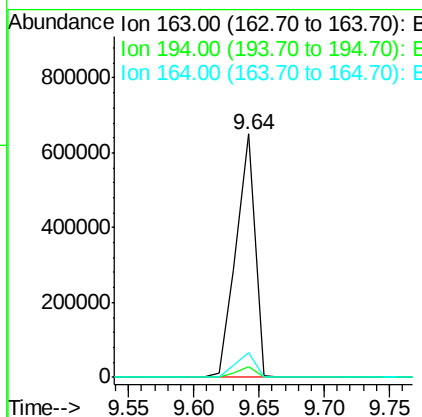
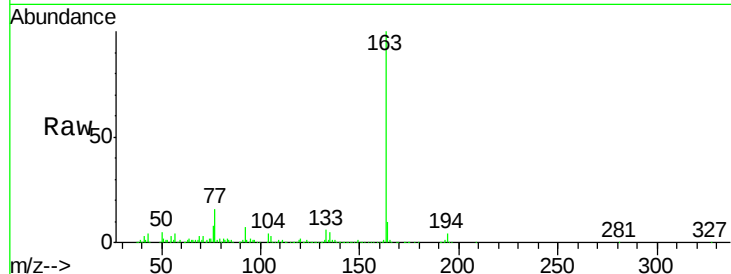




#49
Dimethylphthalate
Concen: 21.79 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF082685.D
Acq: 4 Nov 2015 5:47

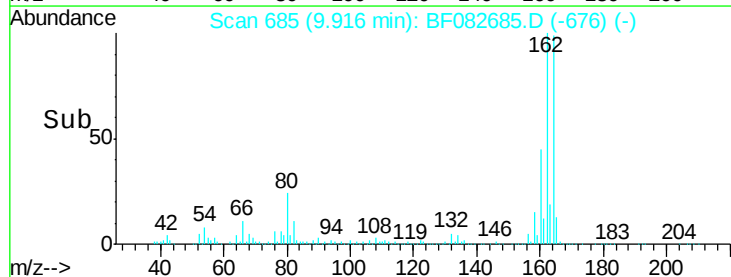
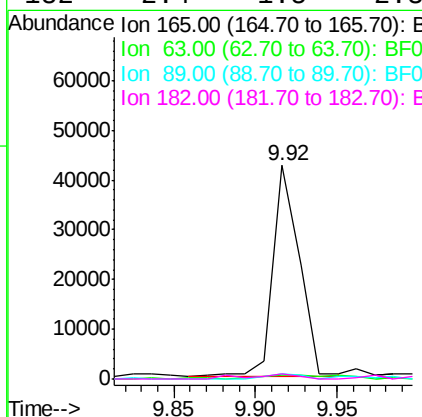
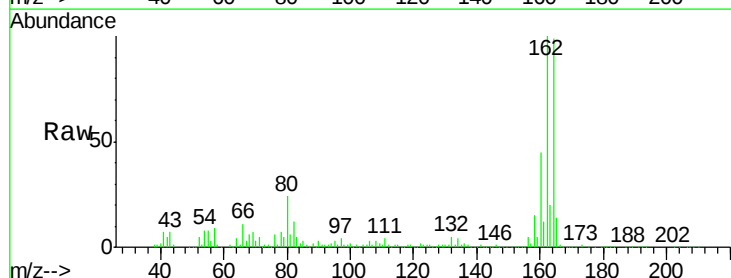
Instrument :
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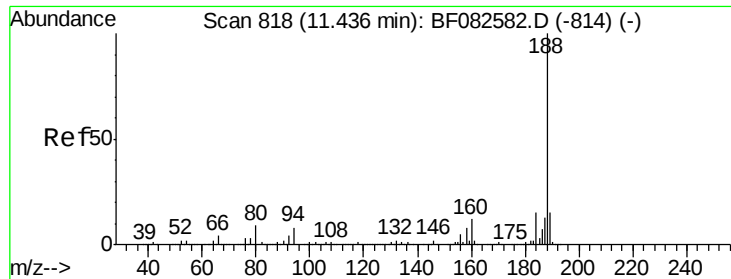
Tgt Ion:163 Resp: 653698
Ion Ratio Lower Upper
163 100
194 4.3 2.6 4.0#
164 10.0 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.19 min
Lab File: BF082685.D
Acq: 4 Nov 2015 5:47

Tgt Ion:165 Resp: 48415
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.0#
89 2.5 70.6 106.0#
182 2.4 1.5 2.3#

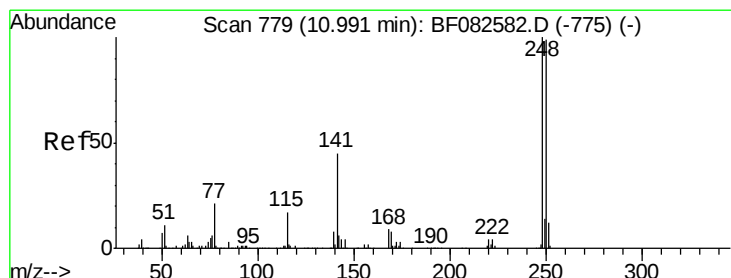
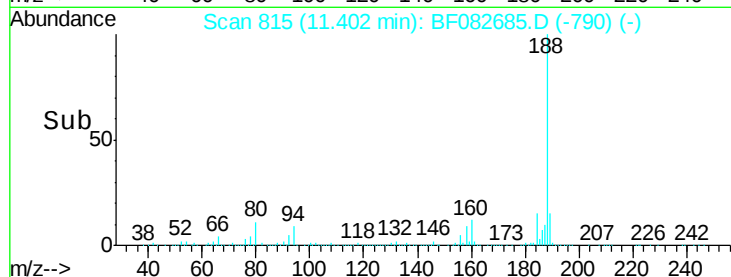
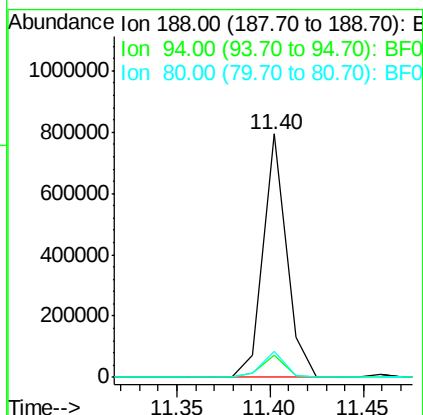
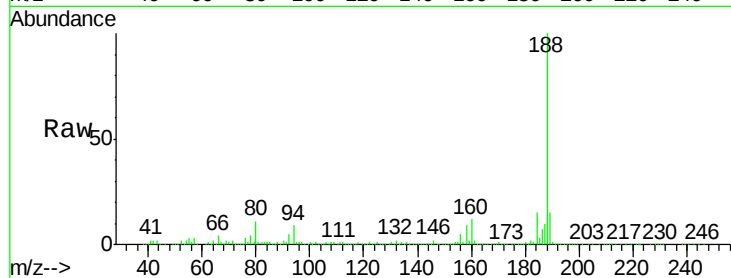




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082685.D
Acq: 4 Nov 2015 5:47

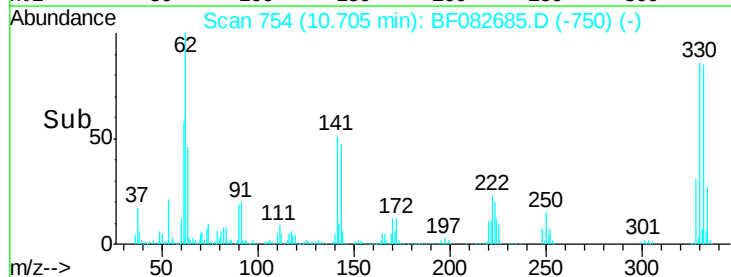
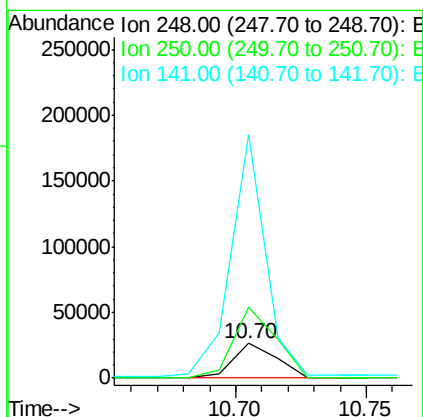
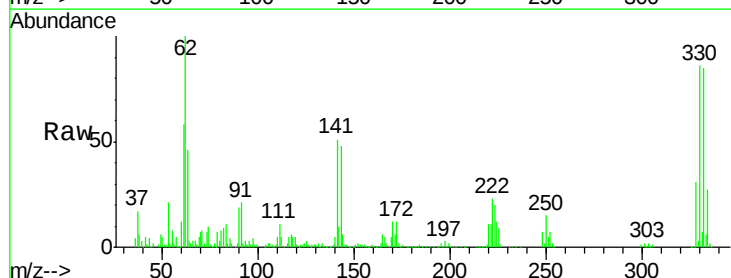
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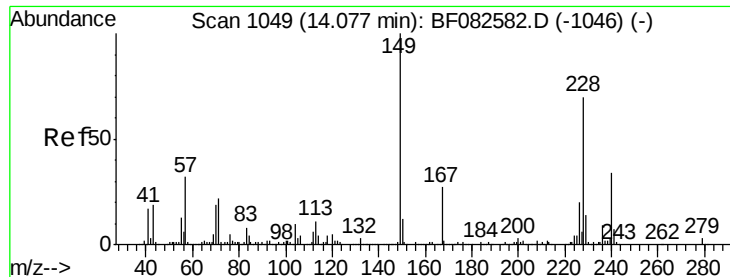
Tgt Ion:188 Resp: 688600
Ion Ratio Lower Upper
188 100
94 9.2 6.1 9.1#
80 10.9 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF082685.D
Acq: 4 Nov 2015 5:47

Tgt Ion:248 Resp: 30754
Ion Ratio Lower Upper
248 100
250 202.0 79.4 119.2#
141 697.6 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082685.D

Acq: 4 Nov 2015 5:47

Instrument :

BNA_F

ClientSampleId :

SB-05(8-10)

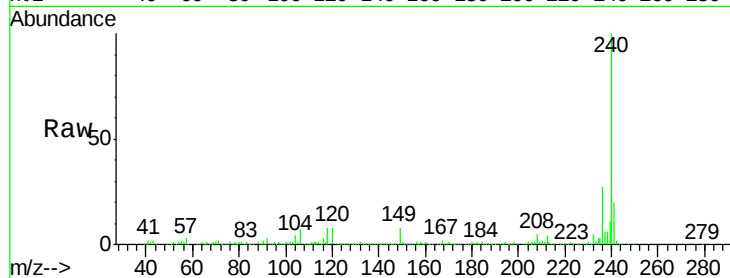
Tgt Ion:240 Resp: 553905

Ion Ratio Lower Upper

240 100

120 8.2 10.9 16.3#

236 26.9 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

800000

600000

400000

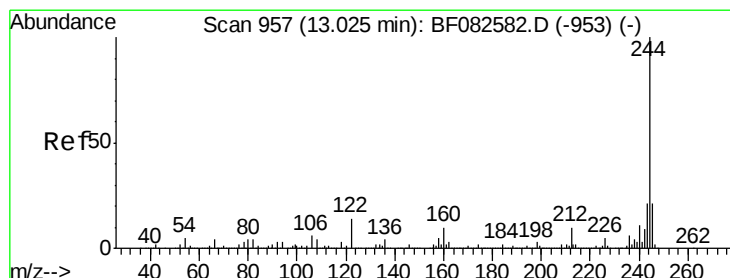
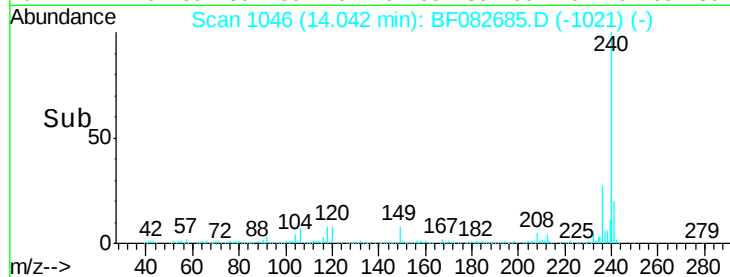
200000

0

14.04

13.90 14.00 14.10 14.20

Time-->



#78

Terphenyl-d14

Concen: 85.82 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF082685.D

Acq: 4 Nov 2015 5:47

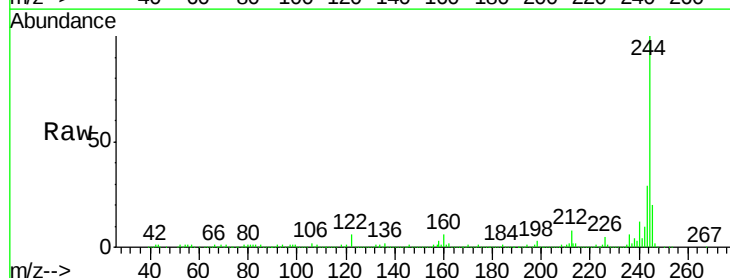
Tgt Ion:244 Resp: 2172049

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

122 6.0 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

2500000

2000000

1500000

1000000

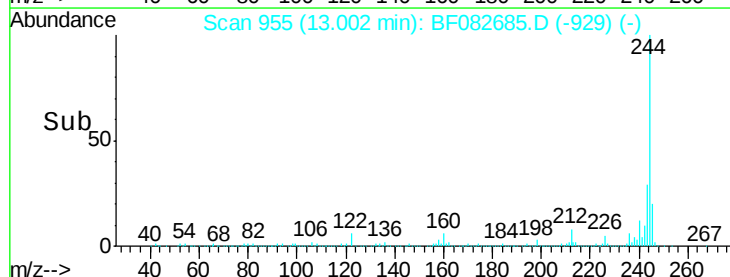
500000

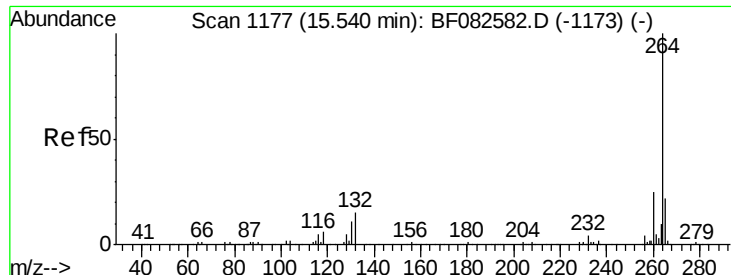
0

13.00

13.20

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF082685.D
Acq: 4 Nov 2015 5:47

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	21.8	17.4	26.0

