

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
 Data File : BF082645.D
 Acq On : 2 Nov 2015 22:02
 Operator : UM/IZ
 Sample : G4238-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-16L

Quant Time: Nov 03 02:32:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

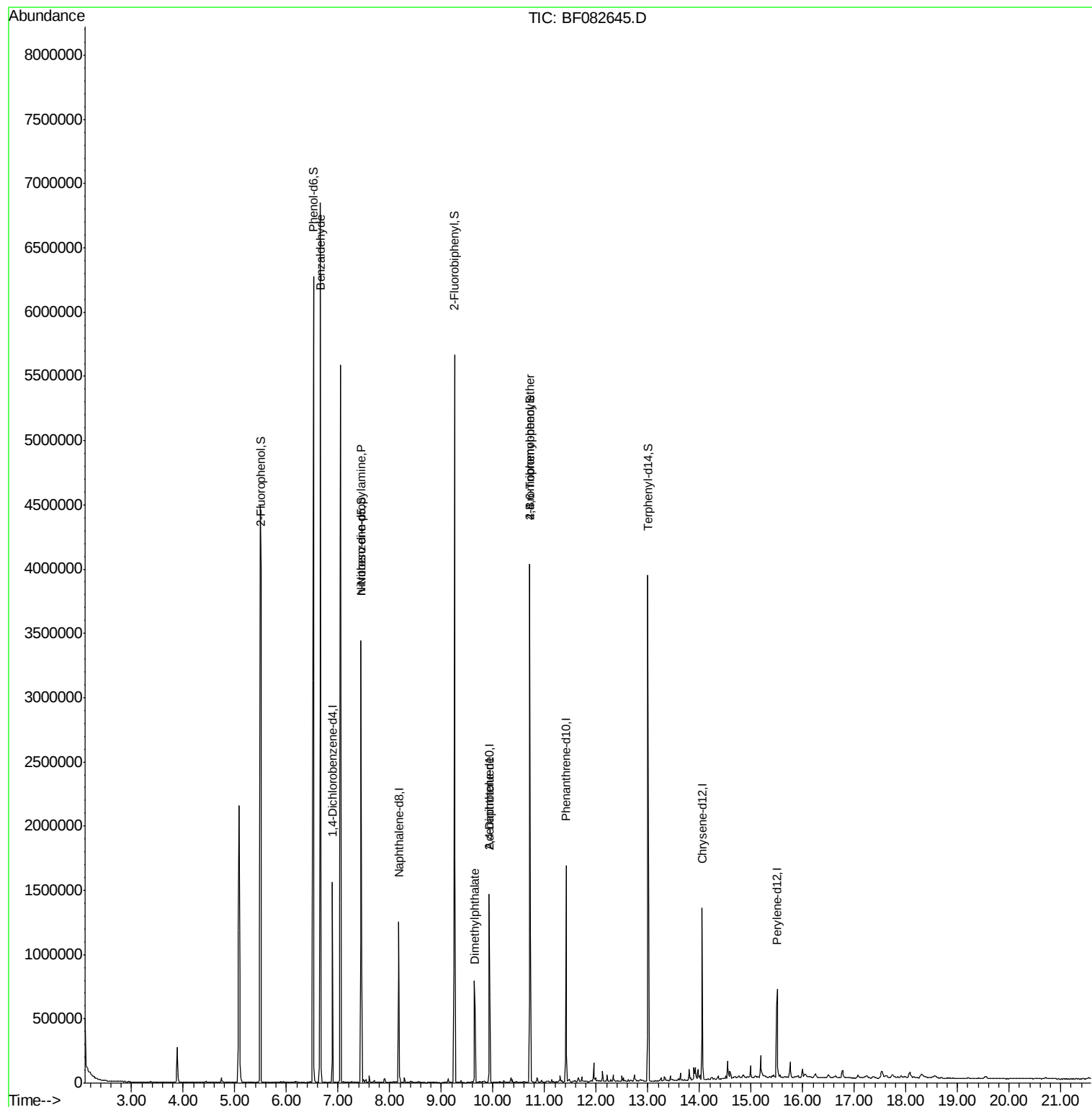
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	194623	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	679872	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	312492	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	553188	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	437326	20.00	ng	-0.02
86) Perylene-d12	15.51	264	374957	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1748693	135.33	ng	0.00
7) Phenol-d6	6.52	99	2192024	127.69	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1297038	77.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	473017	138.31	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1822691	82.81	ng	-0.02
78) Terphenyl-d14	13.00	244	1417384	70.93	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	53835	4.59	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.45	70	184859	14.21	ng	# 72
49) Dimethylphthalate	9.65	163	414298	16.23	ng	# 96
56) 2,4-Dinitrotoluene	9.93	165	40472	5.66	ng	# 16
66) 4-Bromophenyl-phenylether	10.72	248	30001	4.79	ng	# 1

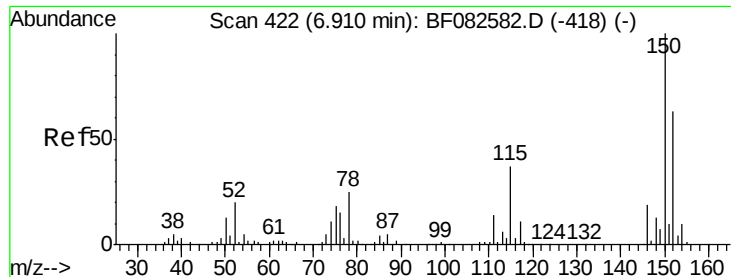
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF082645.D

Acq: 2 Nov 2015 22:02

Instrument :

BNA_F

ClientSampled :

T-16L

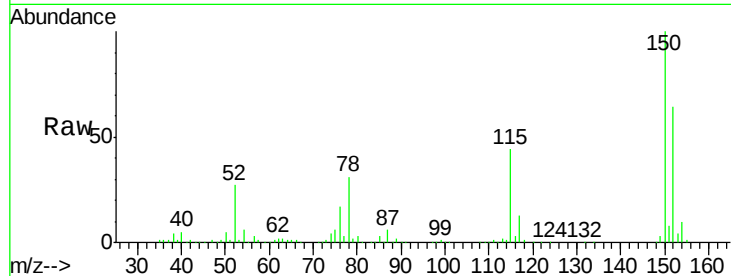
Tgt Ion:152 Resp: 194623

Ion Ratio Lower Upper

152 100

150 156.6 127.0 190.4

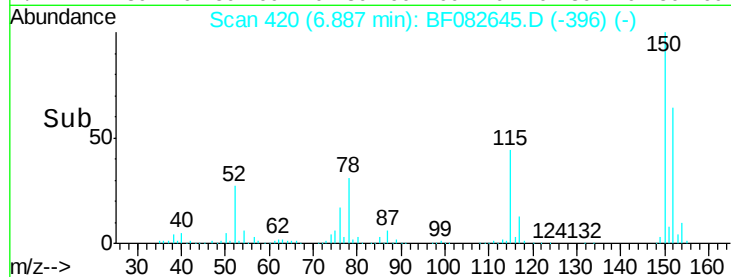
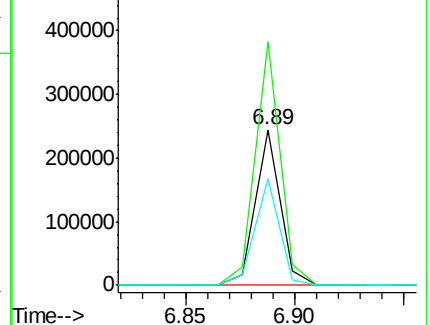
115 68.5 47.0 70.6



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: 135.33 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF082645.D

Acq: 2 Nov 2015 22:02

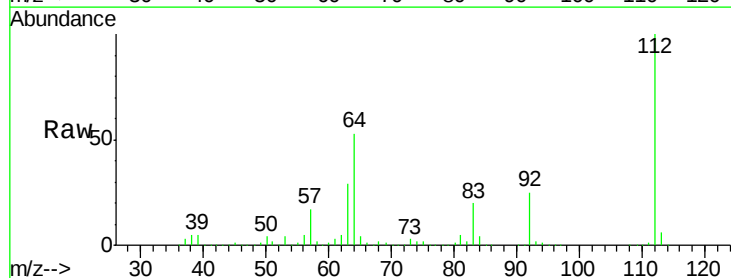
Tgt Ion:112 Resp: 1748693

Ion Ratio Lower Upper

112 100

64 52.9 48.9 73.3

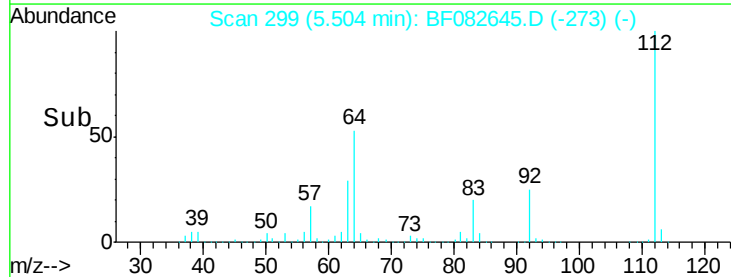
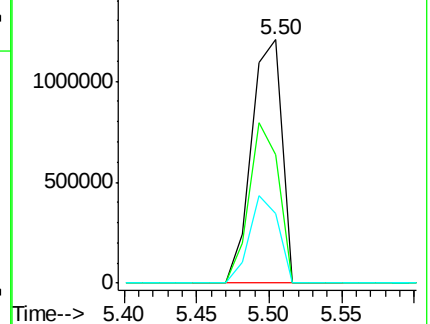
63 28.6 28.1 42.1



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: 127.69 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082645.D

Acq: 2 Nov 2015 22:02

Instrument :

BNA_F

ClientSampled :

T-16L

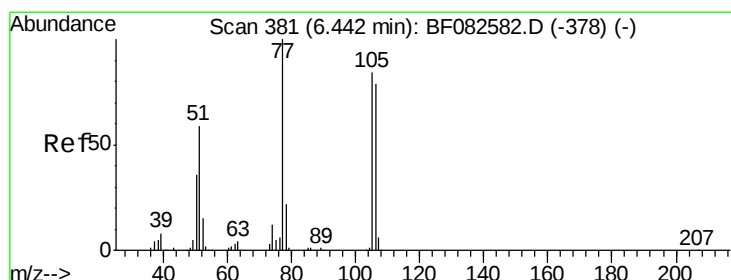
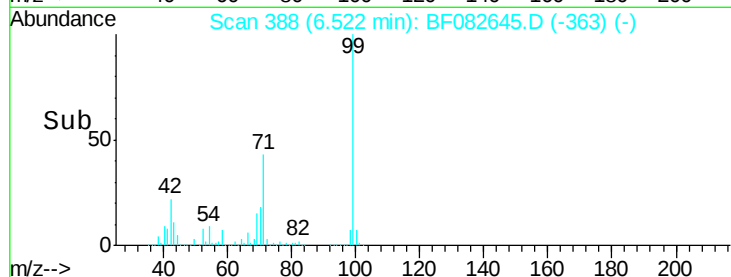
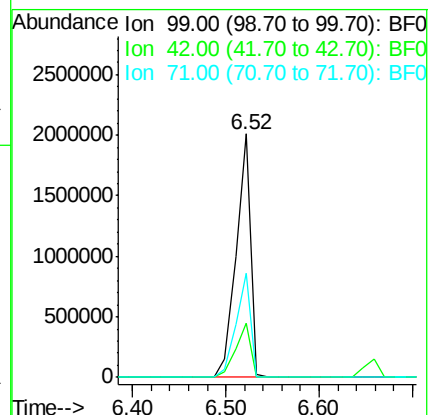
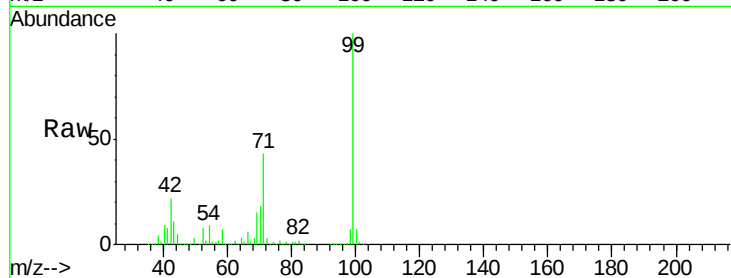
Tgt Ion: 99 Resp: 2192024

Ion Ratio Lower Upper

99 100

42 22.3 19.2 28.8

71 42.9 35.0 52.4



#9

Benzaldehyde

Concen: 4.59 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.22 min

Lab File: BF082645.D

Acq: 2 Nov 2015 22:02

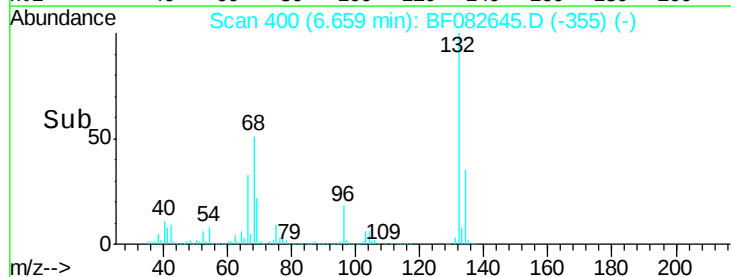
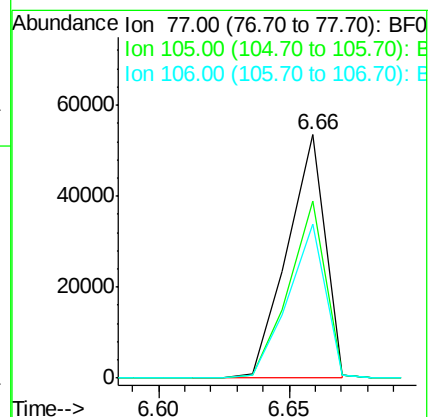
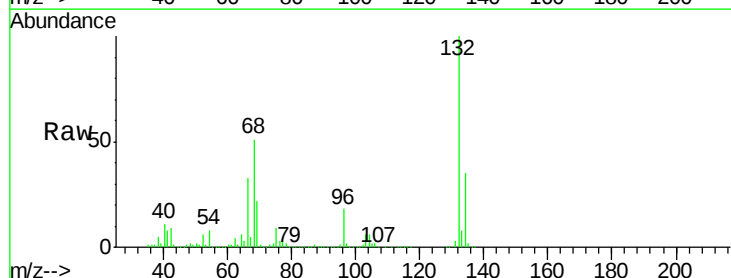
Tgt Ion: 77 Resp: 53835

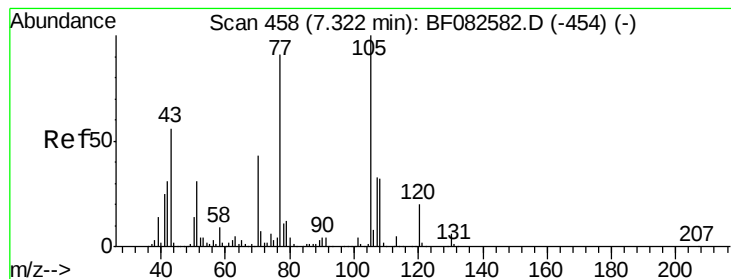
Ion Ratio Lower Upper

77 100

105 72.7 63.5 103.5

106 63.0 59.3 99.3





#19

n-Nitroso-di-n-propylamine

Concen: 14.21 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF082645.D

Acq: 2 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

T-16L

Tgt Ion: 70 Resp: 184859

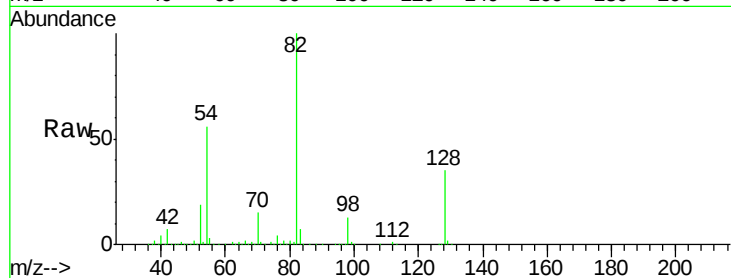
Ion Ratio Lower Upper

70 100

42 49.0 57.7 86.5#

101 0.0 7.0 10.6#

130 1.6 11.8 17.6#

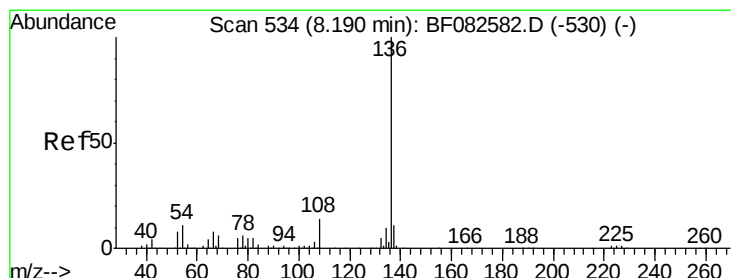
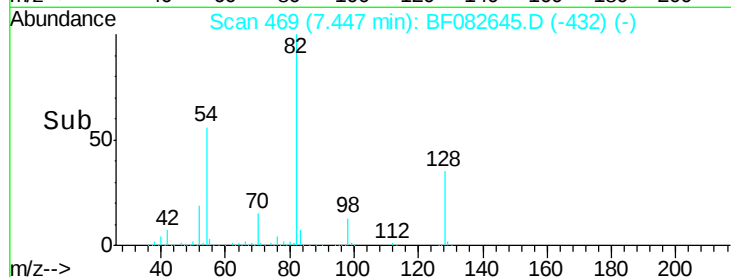
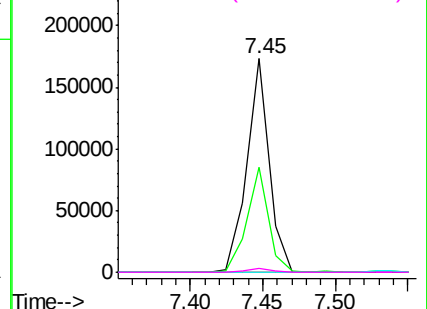


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF082645.D

Acq: 2 Nov 2015 22:02

Tgt Ion: 136 Resp: 679872

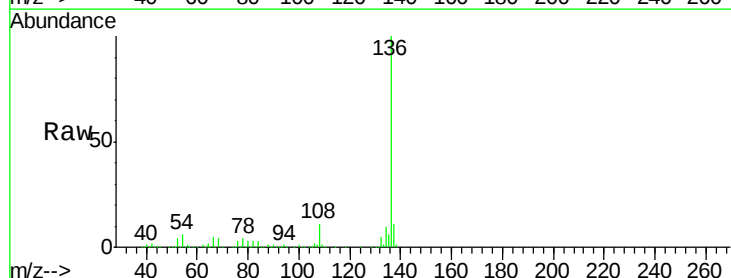
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.0 9.1 13.7#

68 4.0 4.8 7.2#

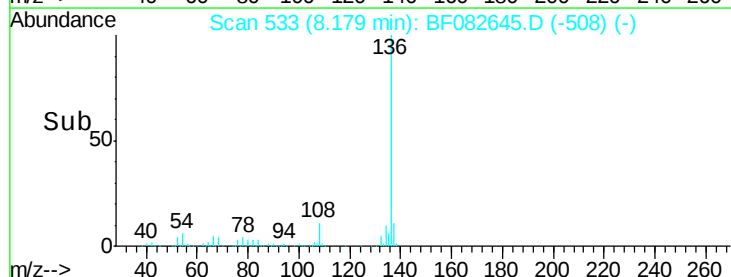
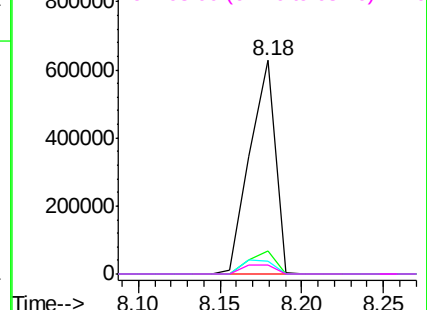


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

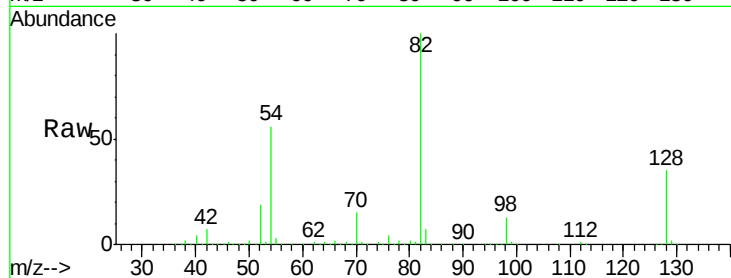




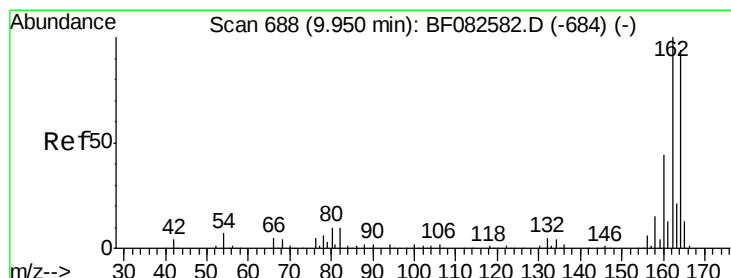
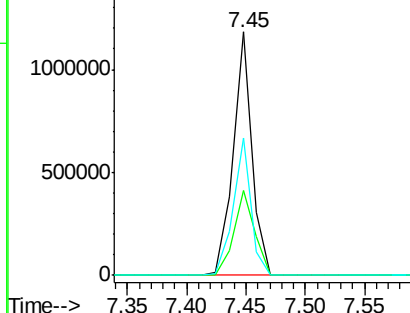
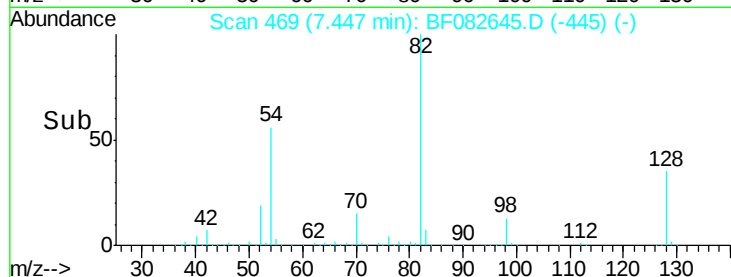
#23
 Nitrobenzene-d5
 Concen: 77.90 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF082645.D
 Acq: 2 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampled :
 T-16L

Tgt Ion: 82 Resp: 1297038
 Ion Ratio Lower Upper
 82 100
 128 34.8 26.8 40.2
 54 56.2 45.7 68.5

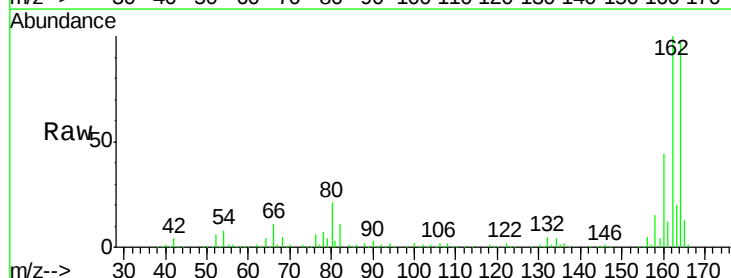


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

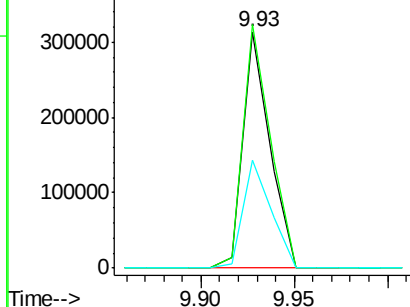
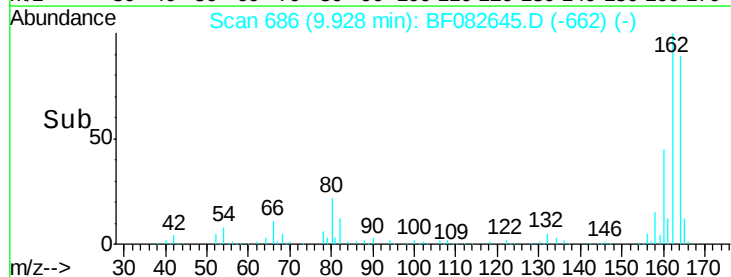


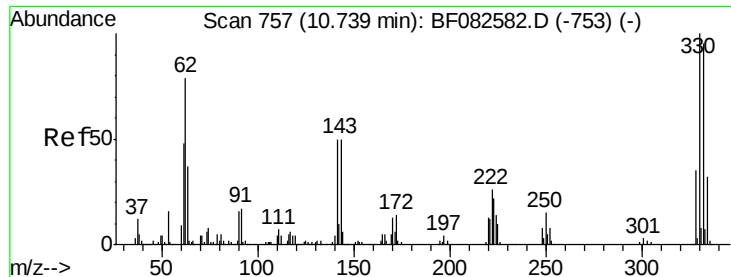
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF082645.D
 Acq: 2 Nov 2015 22:02

Tgt Ion: 164 Resp: 312492
 Ion Ratio Lower Upper
 164 100
 162 103.0 84.9 127.3
 160 45.8 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

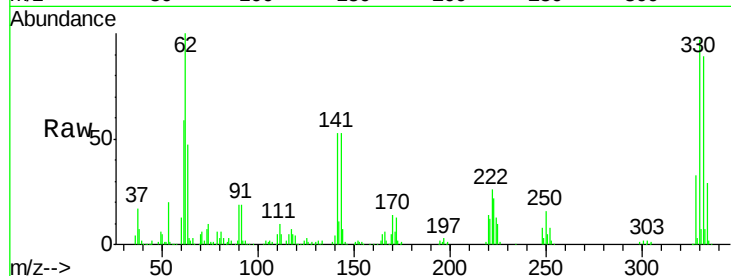




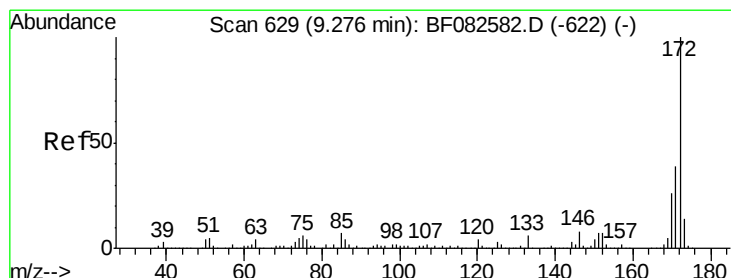
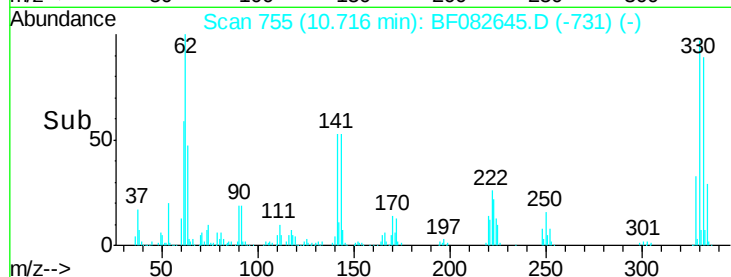
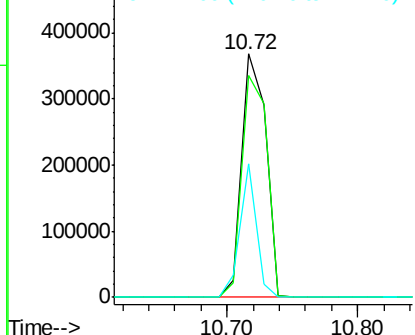
#41
 2,4,6-Tribromophenol
 Concen: 138.31 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF082645.D
 Acq: 2 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampled :
 T-16L

Tgt Ion:330 Resp: 473017
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 37.1 41.2 61.8#

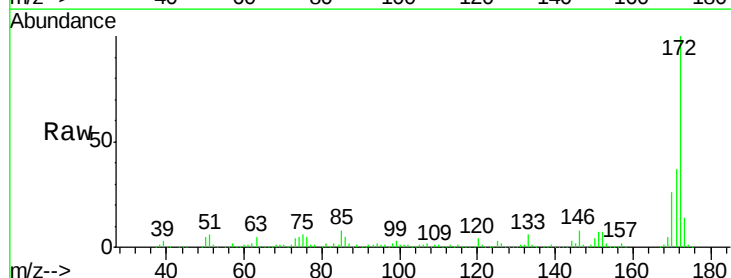


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

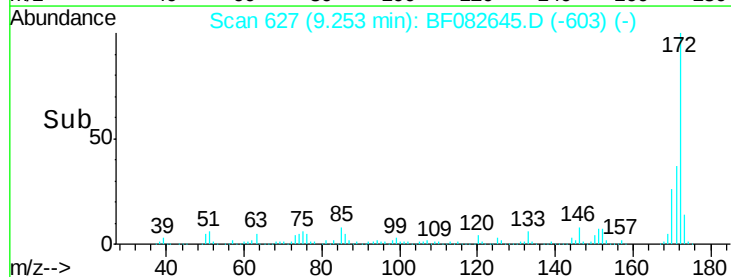
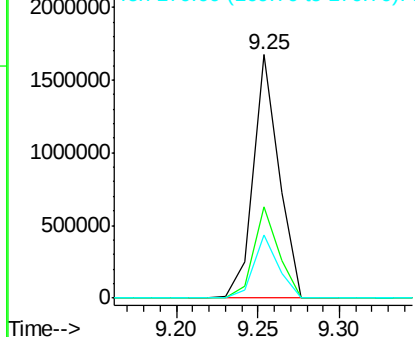


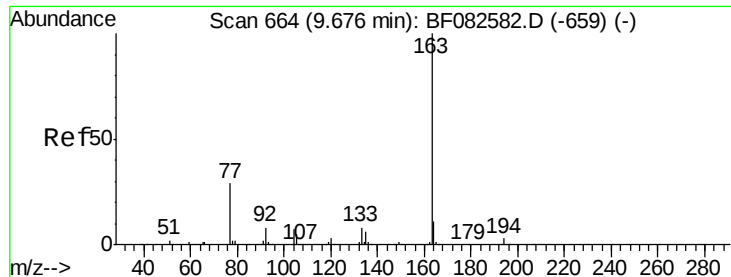
#44
 2-Fluorobiphenyl
 Concen: 82.81 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF082645.D
 Acq: 2 Nov 2015 22:02

Tgt Ion:172 Resp: 1822691
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.9 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

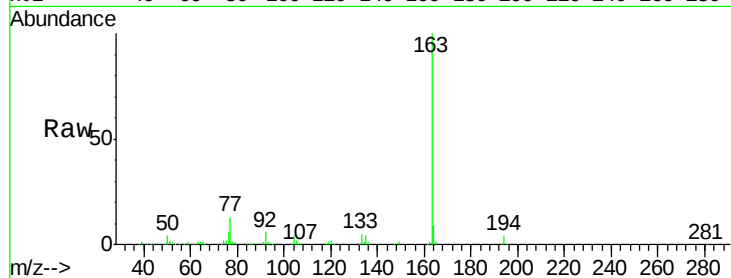




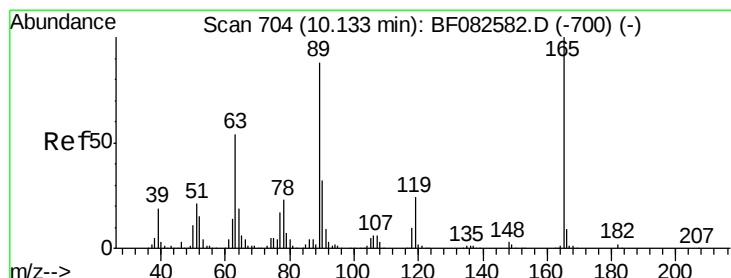
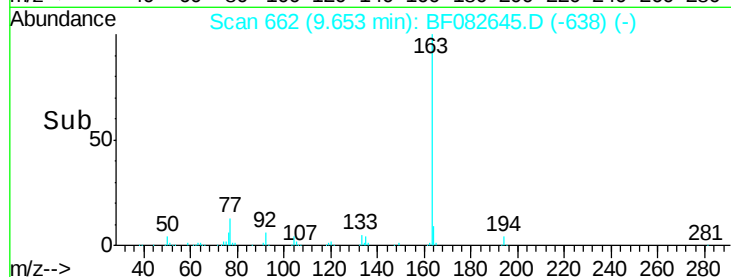
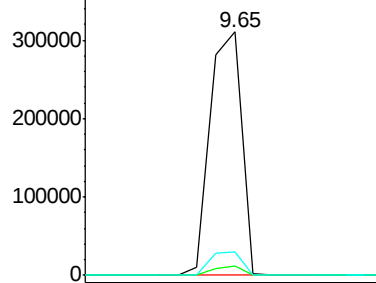
#49
Dimethylphthalate
Concen: 16.23 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF082645.D
Acq: 2 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
T-16L

Tgt Ion:163 Resp: 414298
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 9.4 8.7 13.1

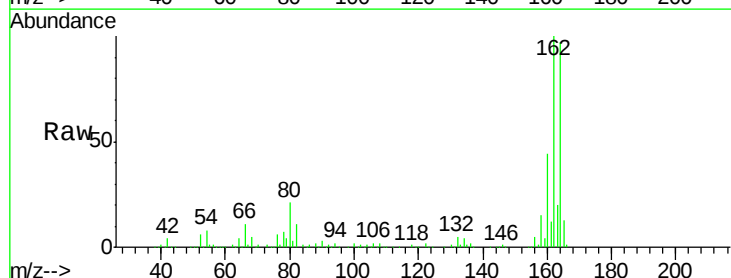


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

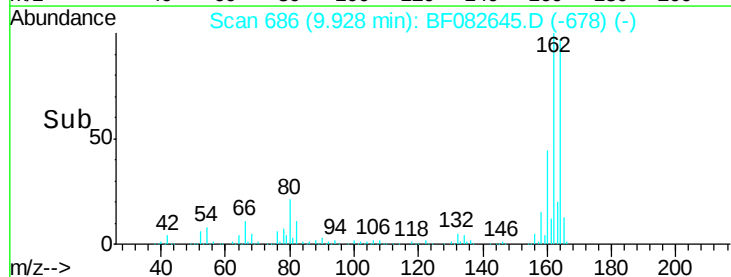
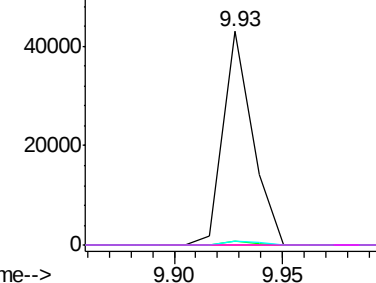


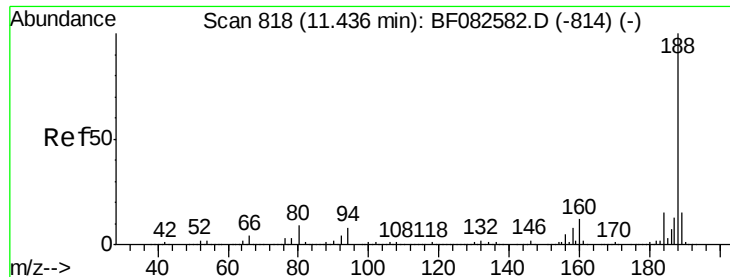
#56
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.21 min
Lab File: BF082645.D
Acq: 2 Nov 2015 22:02

Tgt Ion:165 Resp: 40472
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.0#
89 1.9 70.6 106.0#
182 0.0 1.5 2.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

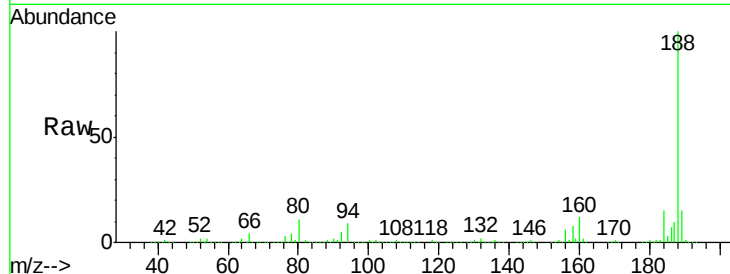




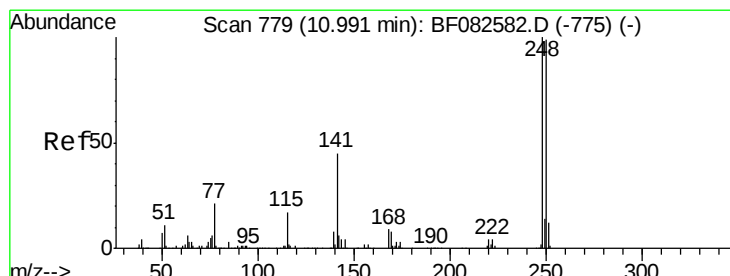
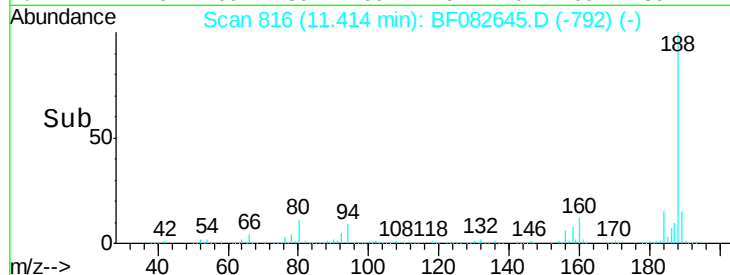
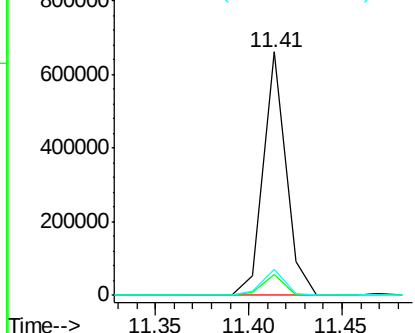
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF082645.D
Acq: 2 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
T-16L

Tgt Ion:188 Resp: 553188
Ion Ratio Lower Upper
188 100
94 8.8 6.1 9.1
80 10.6 7.0 10.6#

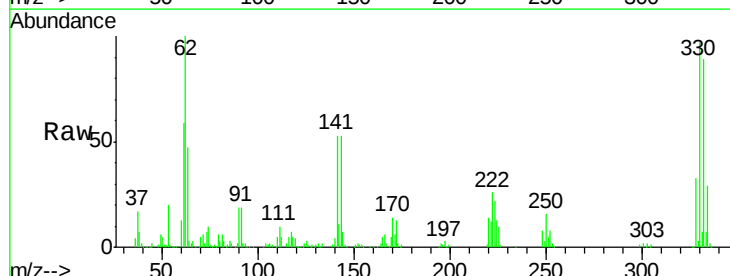


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

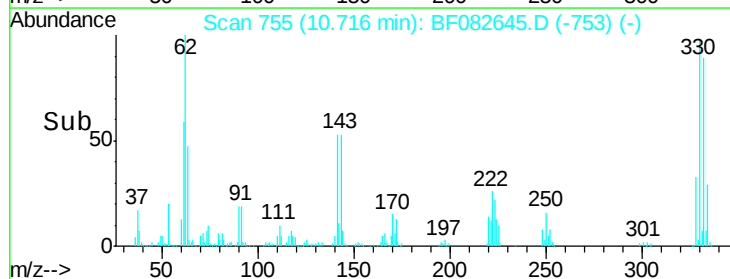
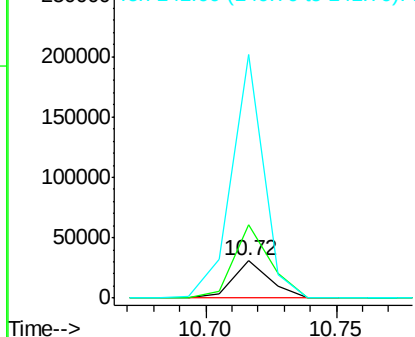


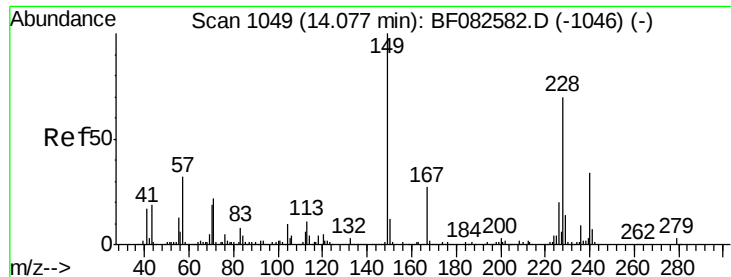
#66
4-Bromophenyl-phenylether
Concen: 4.79 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.27 min
Lab File: BF082645.D
Acq: 2 Nov 2015 22:02

Tgt Ion:248 Resp: 30001
Ion Ratio Lower Upper
248 100
250 198.3 79.4 119.2#
141 655.1 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: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF082645.D

Acq: 2 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

T-16L

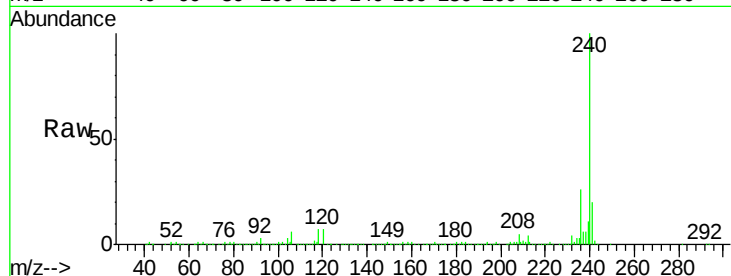
Tgt Ion:240 Resp: 437326

Ion Ratio Lower Upper

240 100

120 7.5 10.9 16.3#

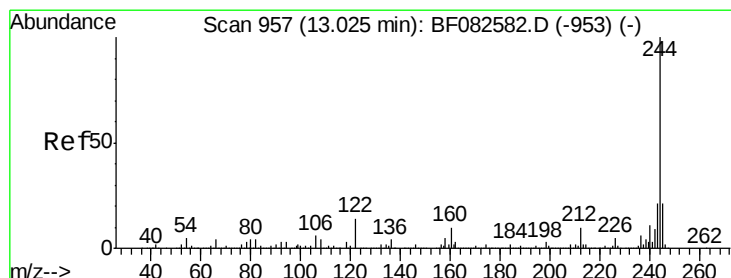
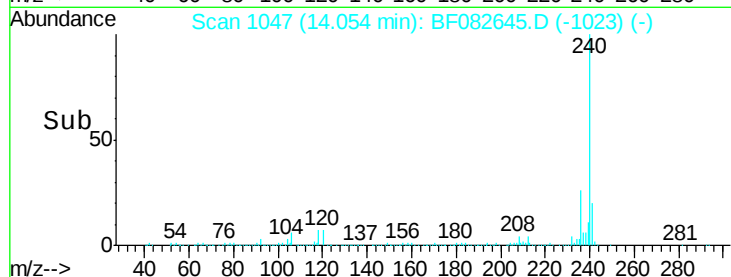
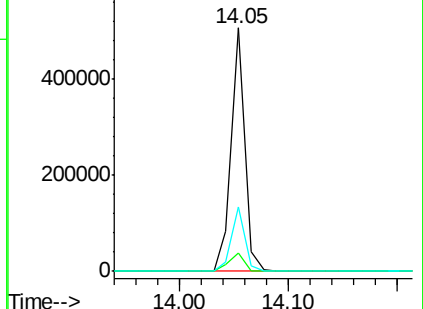
236 26.2 21.6 32.4



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: 70.93 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF082645.D

Acq: 2 Nov 2015 22:02

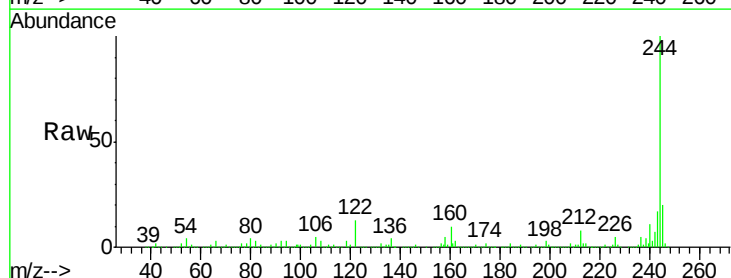
Tgt Ion:244 Resp: 1417384

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

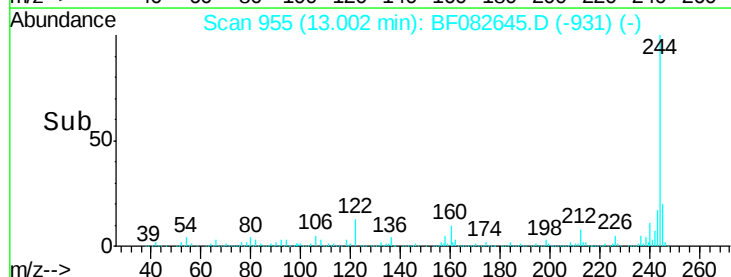
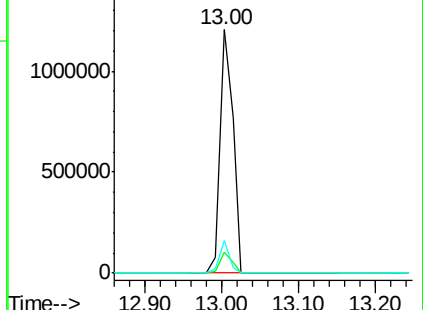
122 13.2 11.3 16.9

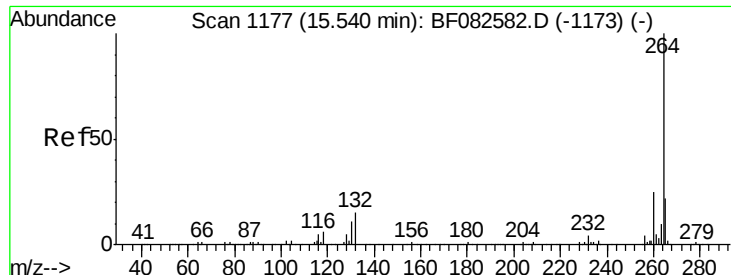


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

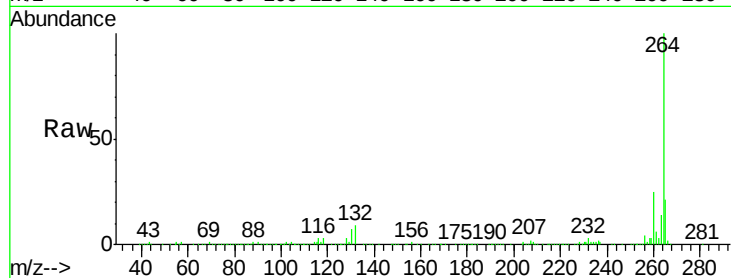




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.03 min
Lab File: BF082645.D
Acq: 2 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
T-16L

Tgt Ion:	264	Resp:	374957
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.6
265	20.7	17.4	26.0



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

