

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082062.D
 Acq On : 6 Oct 2015 00:00
 Operator : UM/IZ
 Sample : G3891-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-4(0-2)

Quant Time: Oct 06 01:29:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

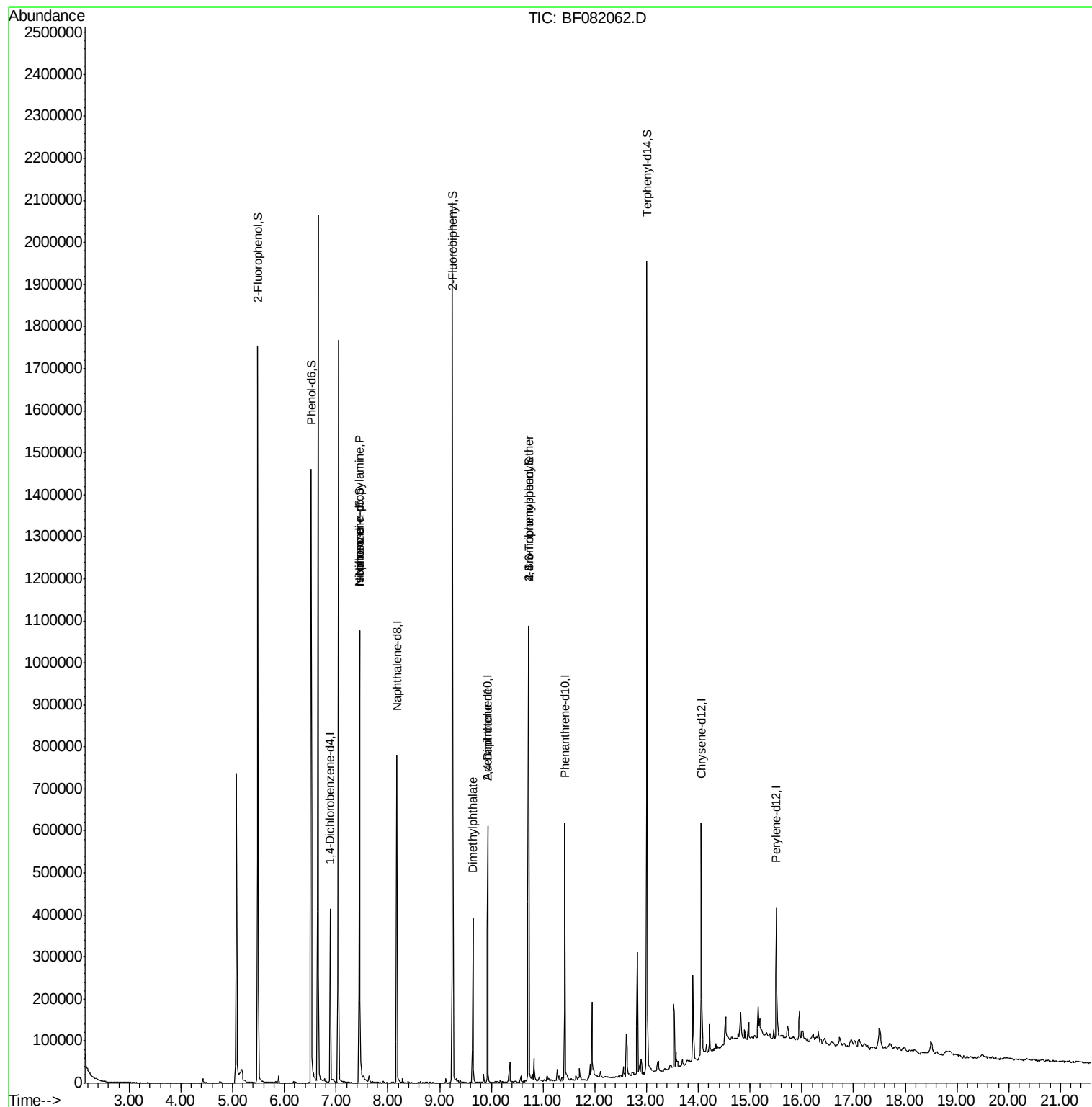
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	90157	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	357990	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	154462	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	259025	20.00	ng	0.00
75) Chrysene-d12	14.06	240	230818	20.00	ng	0.00
86) Perylene-d12	15.51	264	165745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	505818	101.85	ng	0.01
7) Phenol-d6	6.51	99	660284	105.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	397873	74.09	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	148796	95.12	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	755330	81.10	ng	0.00
78) Terphenyl-d14	13.01	244	687411	101.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	51904	13.67	ng	# 58
25) Isophorone	7.45	82	336785	31.64	ng	# 58
49) Dimethylphthalate	9.65	163	166542	15.62	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	19217	6.51	ng	# 33
57) Fluorene	10.72	166	6849	Below	Cal	# 75
66) 4-Bromophenyl-phenylether	10.72	248	10237	3.92	ng	# 1
70) Phenanthrene	11.44	178	2207	Below	Cal	# 95
73) Di-n-butylphthalate	11.98	149	3566	Below	Cal	# 92

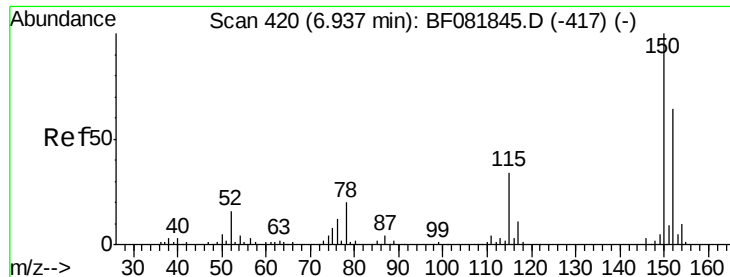
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082062.D

Acq: 6 Oct 2015 00:00

Instrument :

BNA_F

ClientSampleId :

SS-4(0-2)

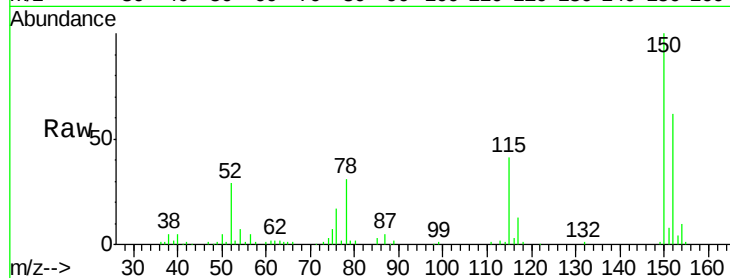
Tgt Ion:152 Resp: 90157

Ion Ratio Lower Upper

152 100

150 160.8 124.7 187.1

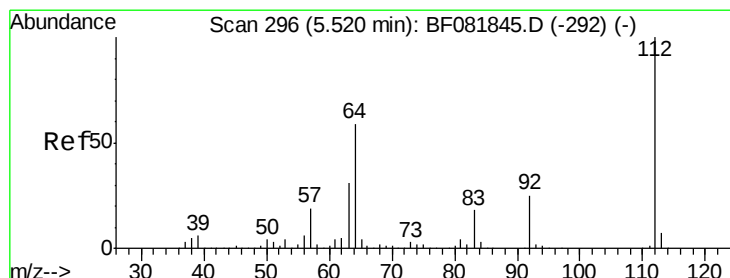
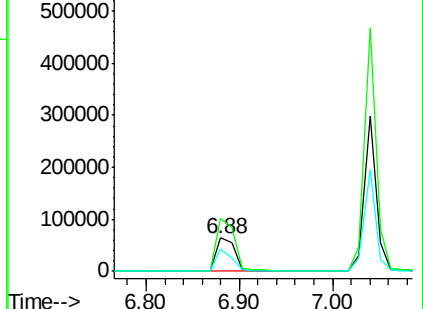
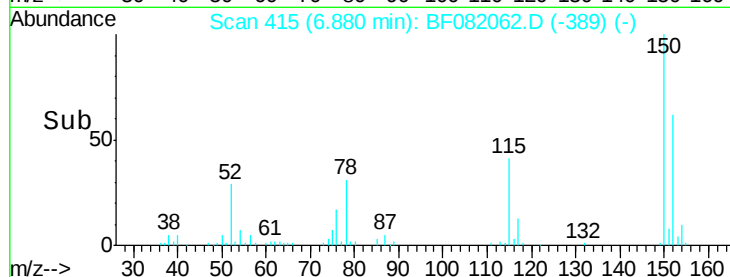
115 66.6 39.0 58.4#



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: 101.85 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082062.D

Acq: 6 Oct 2015 00:00

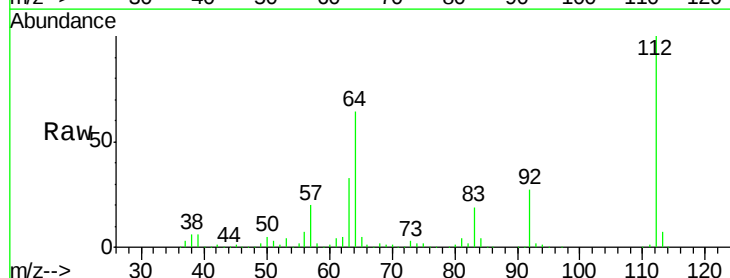
Tgt Ion:112 Resp: 505818

Ion Ratio Lower Upper

112 100

64 63.6 39.7 59.5#

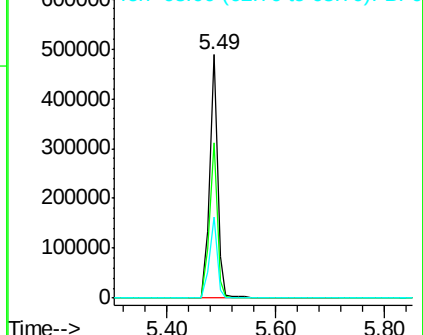
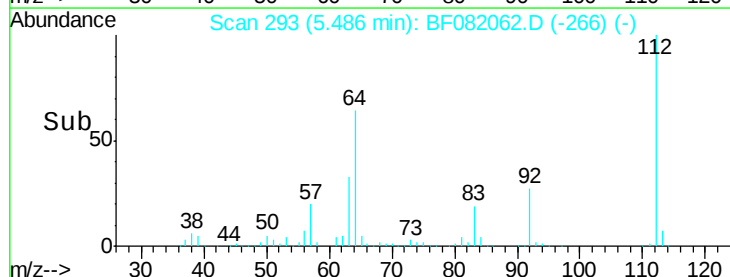
63 33.3 17.4 26.0#

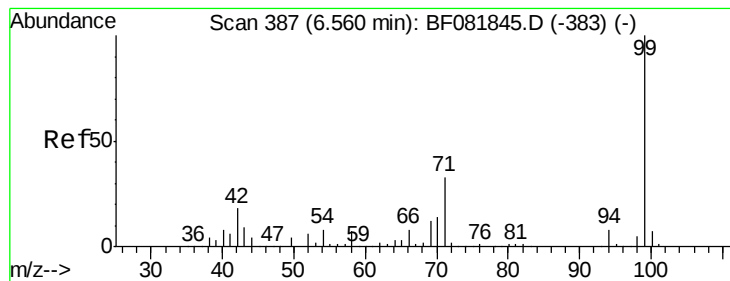


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.65 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082062.D

Acq: 6 Oct 2015 00:00

Instrument :

BNA_F

ClientSampleId :

SS-4(0-2)

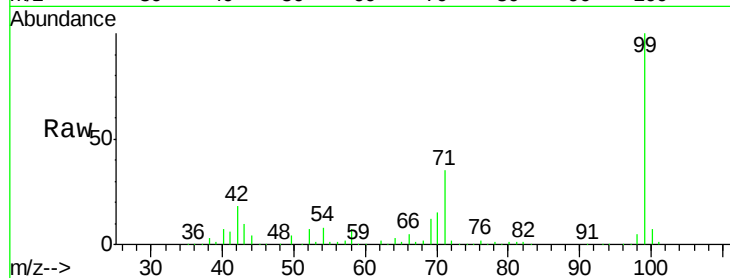
Tgt Ion: 99 Resp: 660284

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

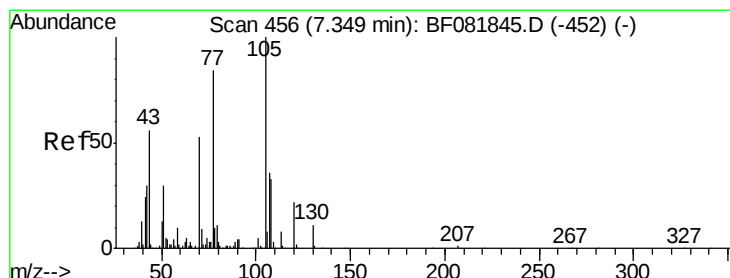
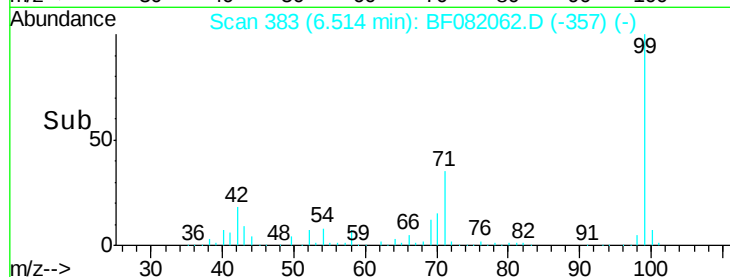
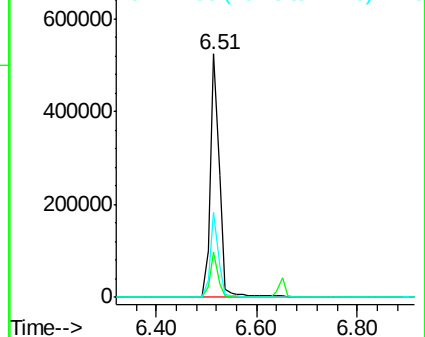
71 34.6 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.67 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.15 min

Lab File: BF082062.D

Acq: 6 Oct 2015 00:00

Tgt Ion: 70 Resp: 51904

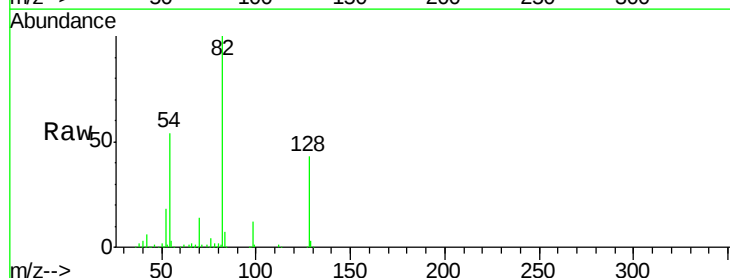
Ion Ratio Lower Upper

70 100

42 46.5 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

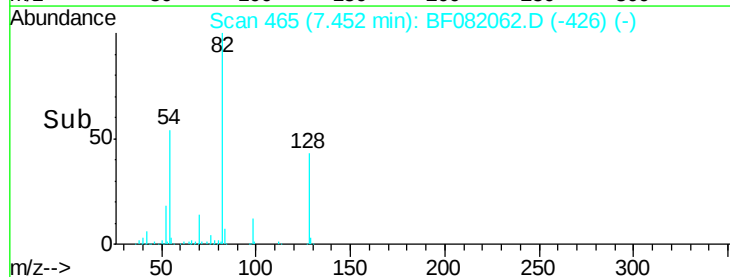
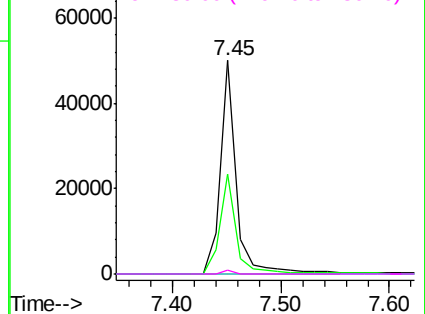


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

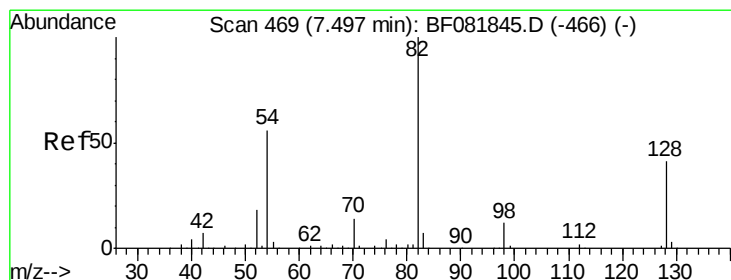
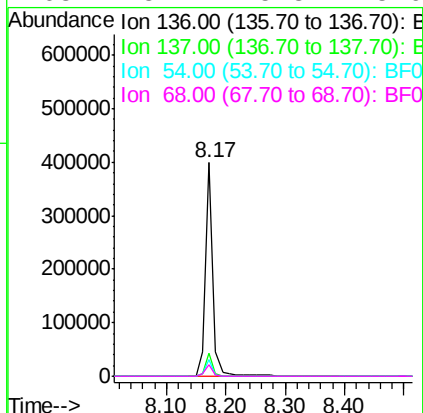
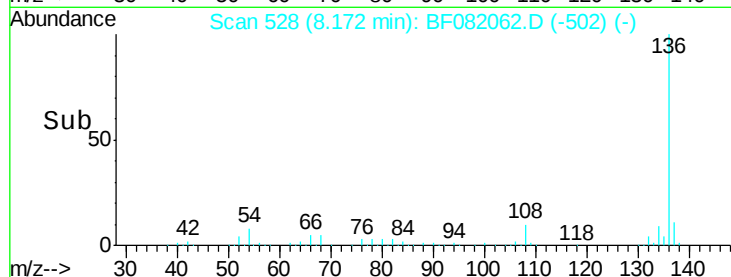
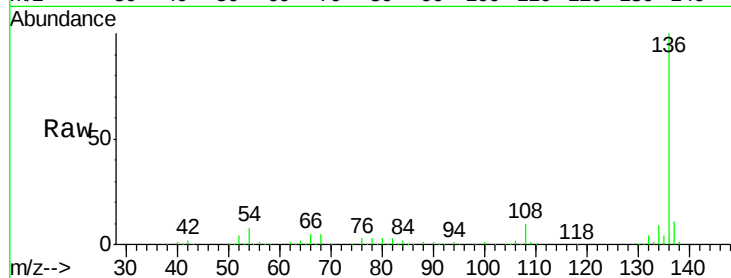




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082062.D
Acq: 6 Oct 2015 00:00

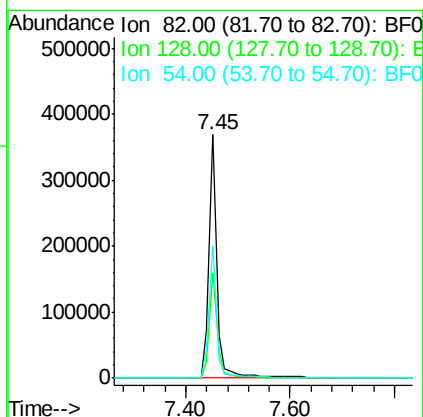
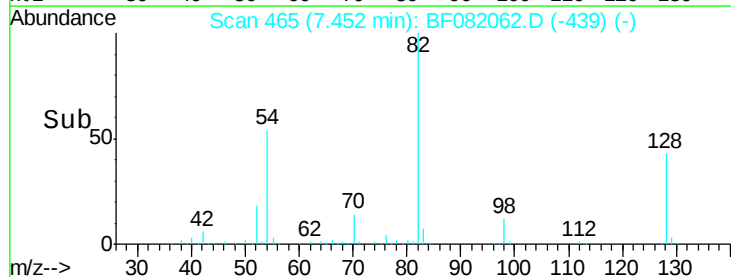
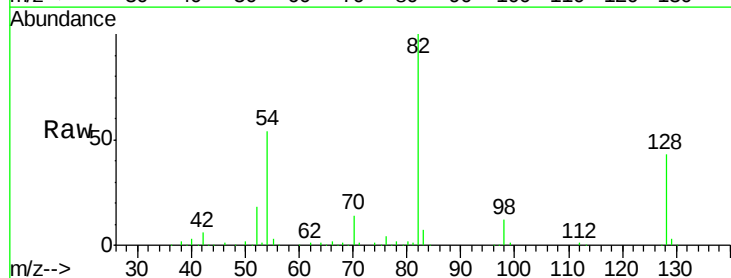
Instrument :
BNA_F
ClientSampleId :
SS-4(0-2)

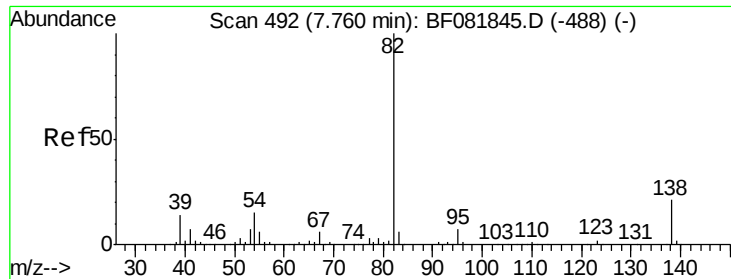
Tgt Ion:	136	Resp:	357990
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.8	8.2	12.2#
68	5.4	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 74.09 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082062.D
Acq: 6 Oct 2015 00:00

Tgt Ion:	82	Resp:	397873
Ion	Ratio	Lower	Upper
82	100		
128	43.2	51.0	76.6#
54	54.4	47.5	71.3





#25

Isophorone

Concen: 31.64 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF082062.D

Acq: 6 Oct 2015 00:00

Instrument :

BNA_F

ClientSampleId :

SS-4(0-2)

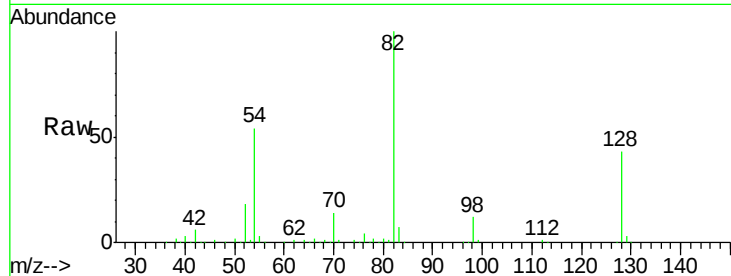
Tgt Ion: 82 Resp: 336785

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

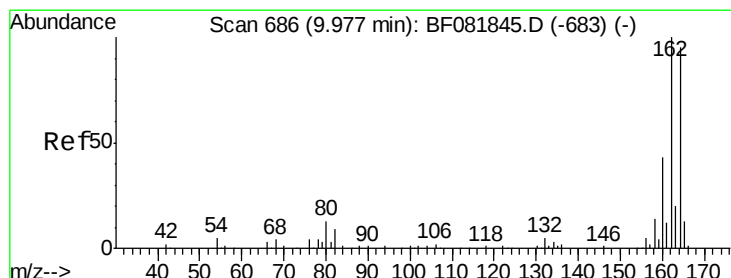
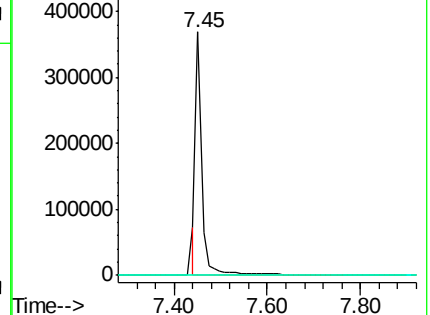
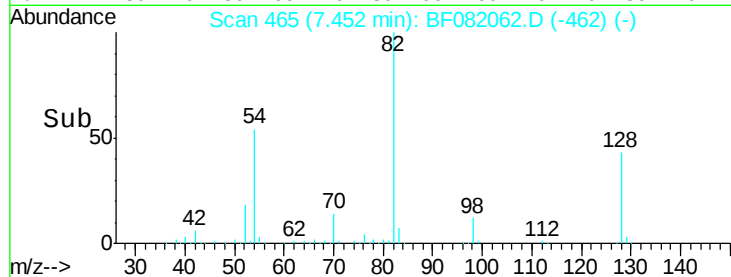
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF082062.D

Acq: 6 Oct 2015 00:00

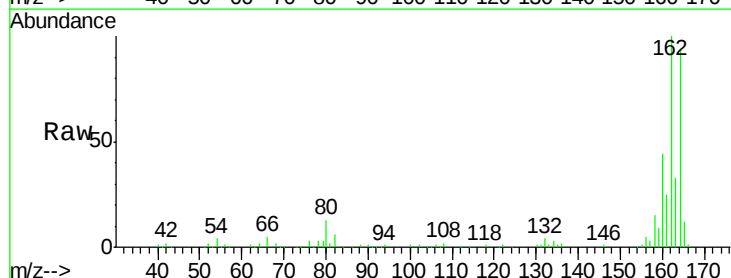
Tgt Ion: 164 Resp: 154462

Ion Ratio Lower Upper

164 100

162 106.0 75.2 112.8

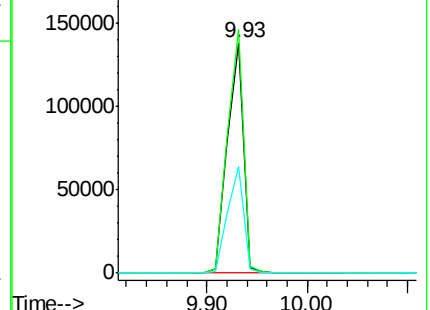
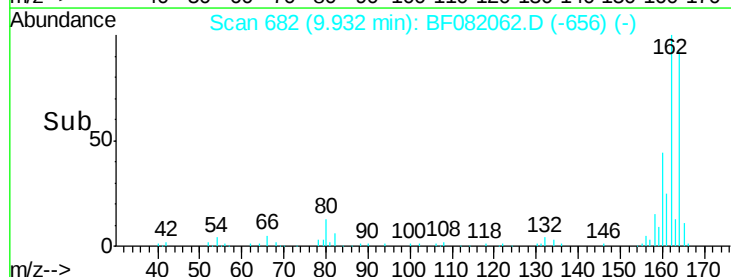
160 46.5 31.5 47.3



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

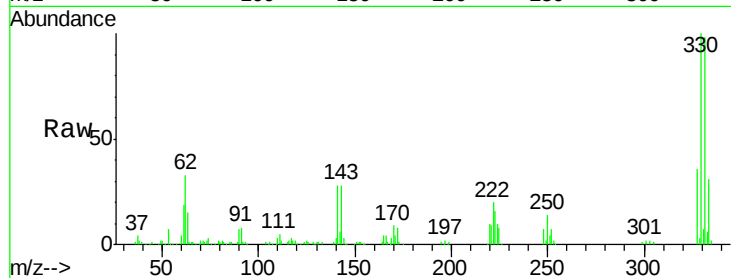




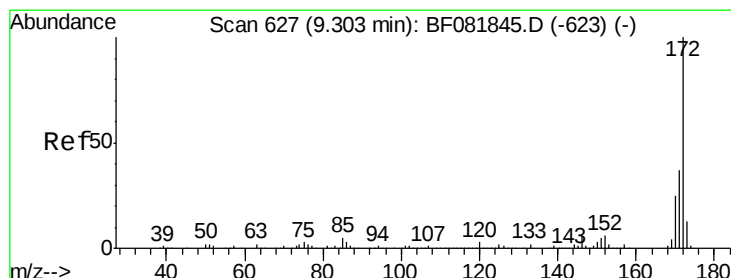
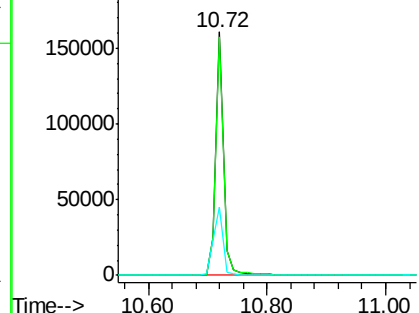
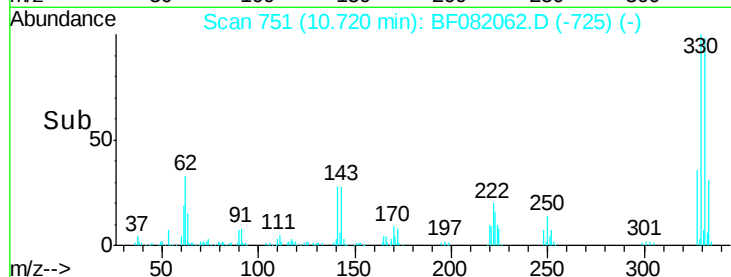
#41
 2,4,6-Tribromophenol
 Concen: 95.12 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082062.D
 Acq: 6 Oct 2015 00:00

Instrument :
 BNA_F
 ClientSampleId :
 SS-4(0-2)

Tgt Ion: 330 Resp: 148796
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 34.5 29.7 44.5

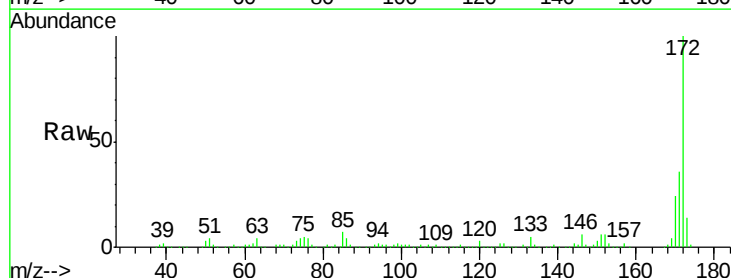


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

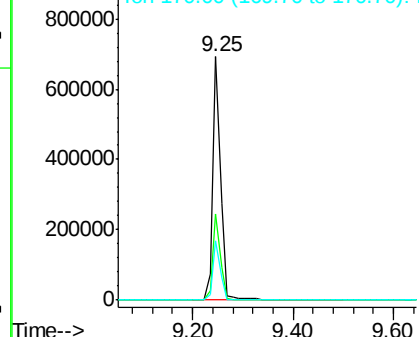
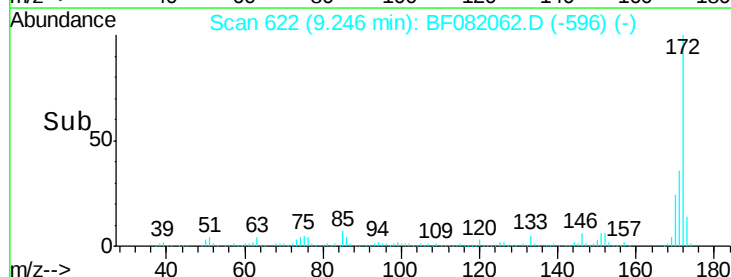


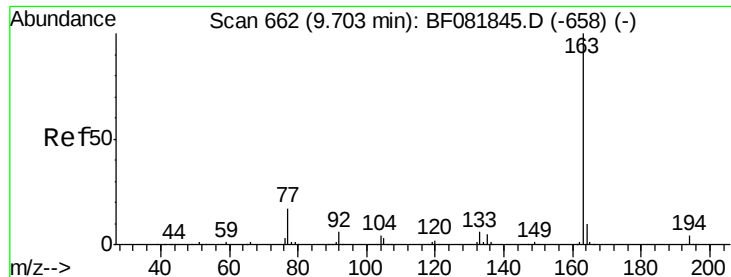
#44
 2-Fluorobiphenyl
 Concen: 81.10 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082062.D
 Acq: 6 Oct 2015 00:00

Tgt Ion: 172 Resp: 755330
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.3 17.4 26.2



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

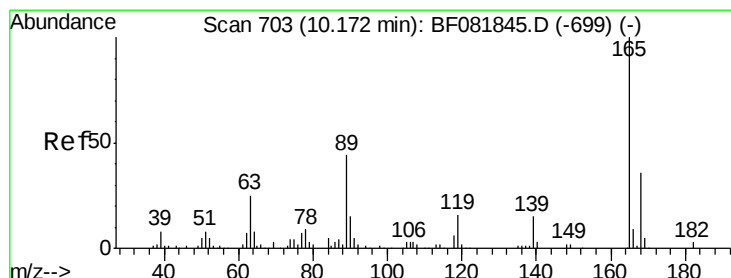
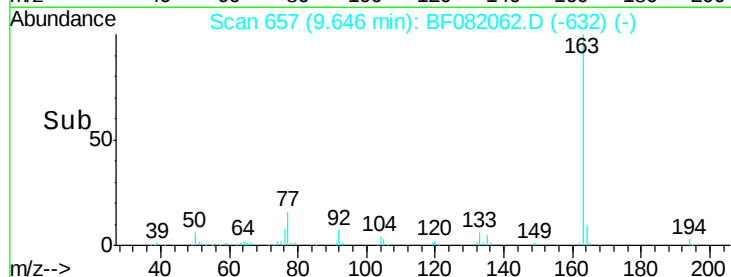
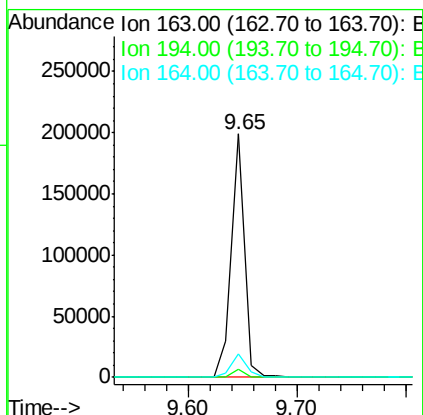
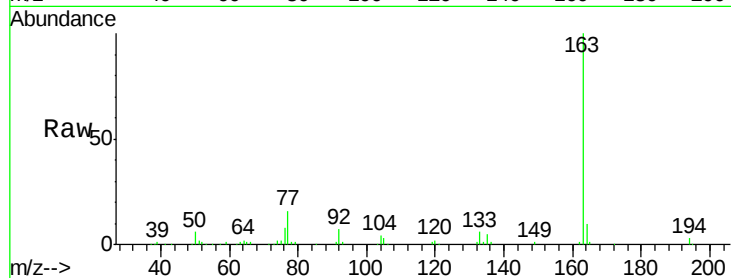




#49
Dimethylphthalate
Concen: 15.62 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082062.D
Acq: 6 Oct 2015 00:00

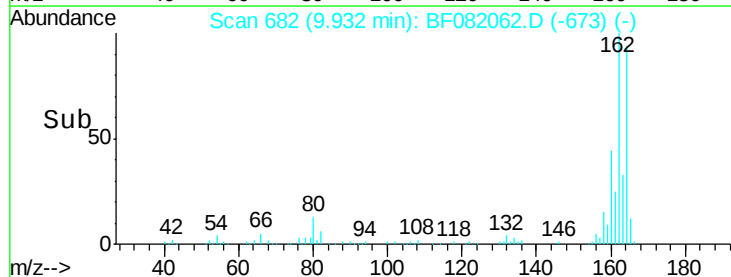
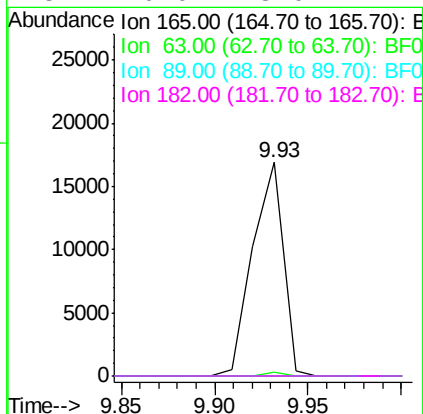
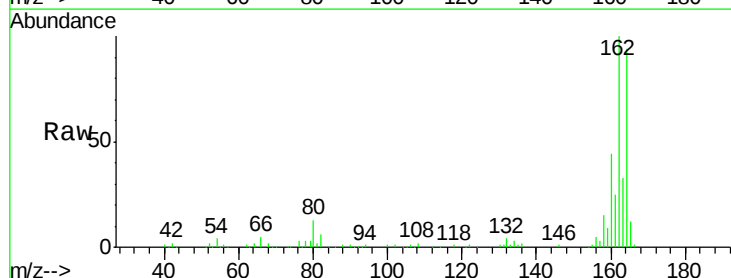
Instrument :
BNA_F
ClientSampleId :
SS-4(0-2)

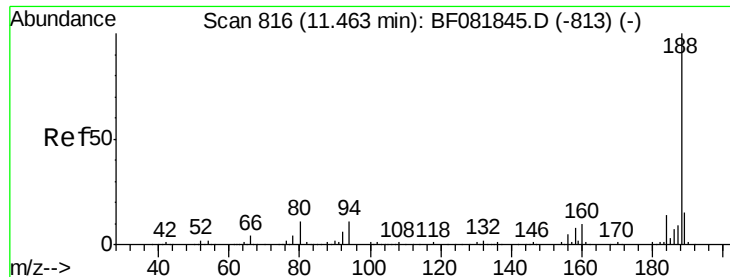
Tgt Ion:163 Resp: 166542
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 9.9 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082062.D
Acq: 6 Oct 2015 00:00

Tgt Ion:165 Resp: 19217
Ion Ratio Lower Upper
165 100
63 1.8 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

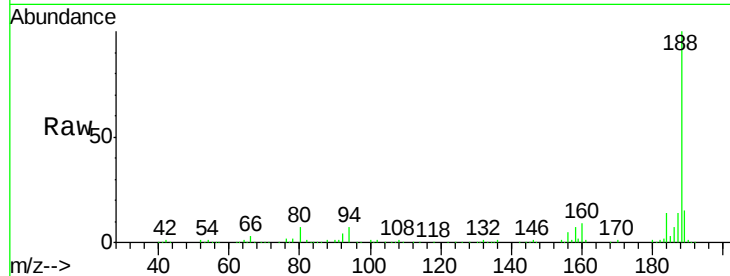




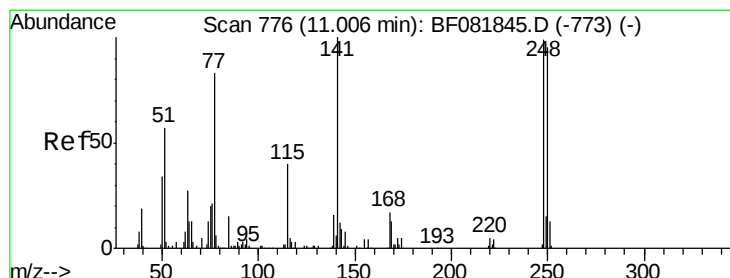
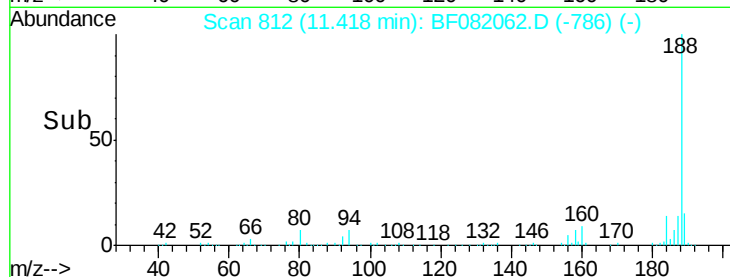
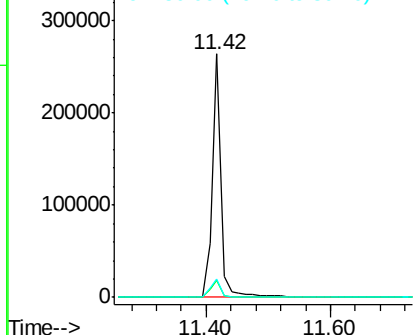
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082062.D
Acq: 6 Oct 2015 00:00

Instrument :
BNA_F
ClientSampleId :
SS-4(0-2)

Tgt Ion:188 Resp: 259025
Ion Ratio Lower Upper
188 100
94 7.1 11.1 16.7#
80 7.3 11.0 16.4#

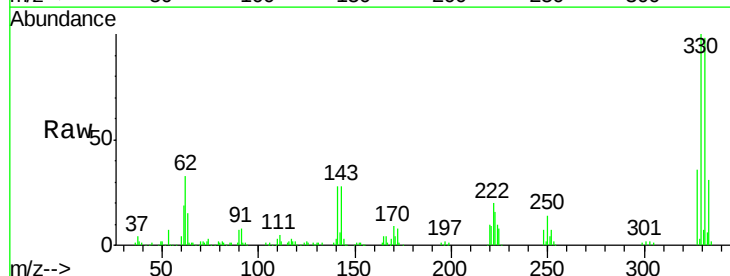


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

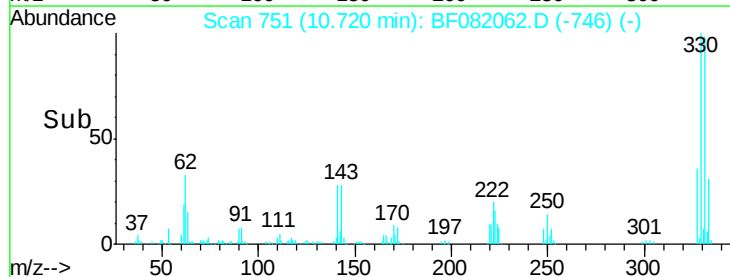
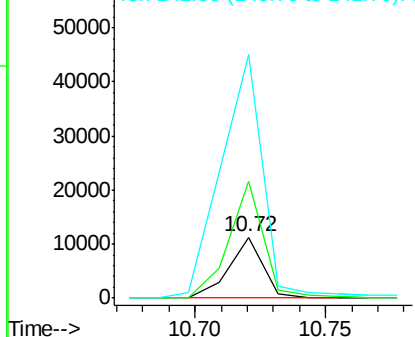


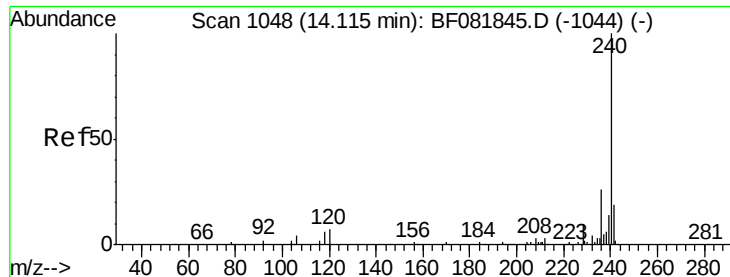
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF082062.D
Acq: 6 Oct 2015 00:00

Tgt Ion:248 Resp: 10237
Ion Ratio Lower Upper
248 100
250 192.4 78.5 117.7#
141 398.8 59.0 88.6#



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: 14.06 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF082062.D

Acq: 6 Oct 2015 00:00

Instrument :

BNA_F

ClientSampleId :

SS-4(0-2)

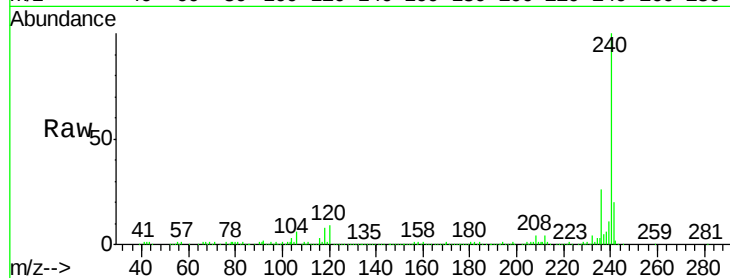
Tgt Ion:240 Resp: 230818

Ion Ratio Lower Upper

240 100

120 8.7 16.2 24.2#

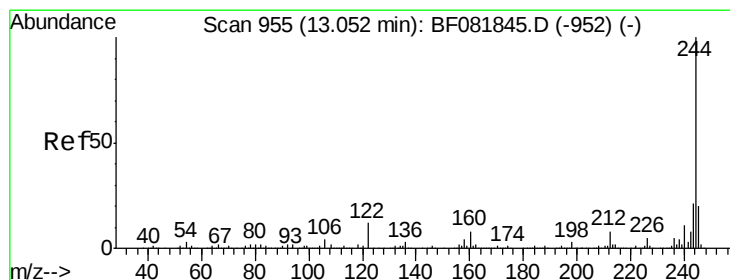
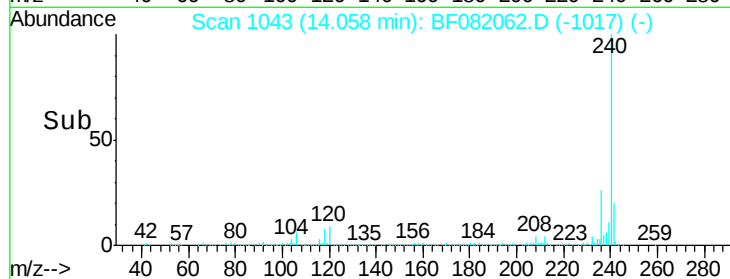
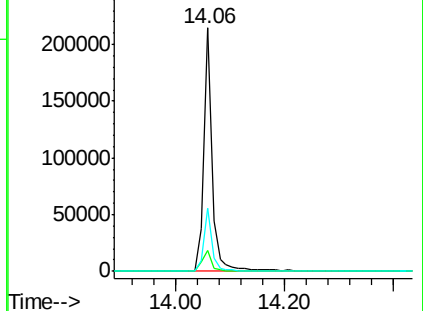
236 25.9 18.4 27.6



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: 101.58 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF082062.D

Acq: 6 Oct 2015 00:00

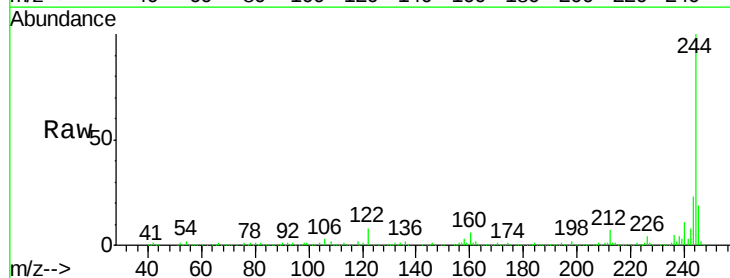
Tgt Ion:244 Resp: 687411

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

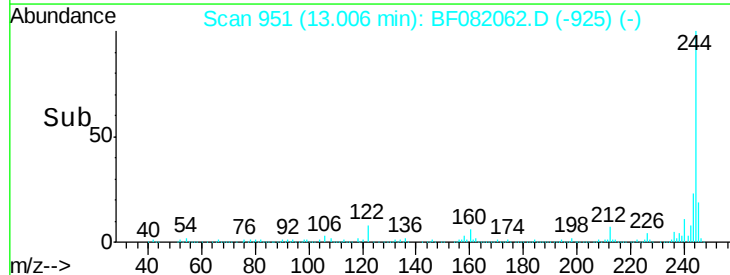
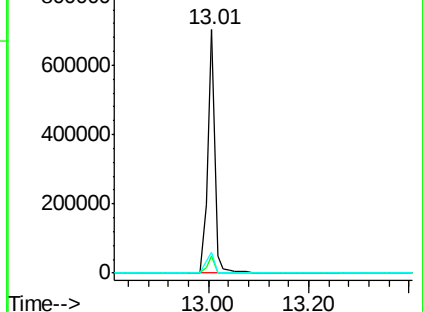
122 8.4 17.4 26.2#

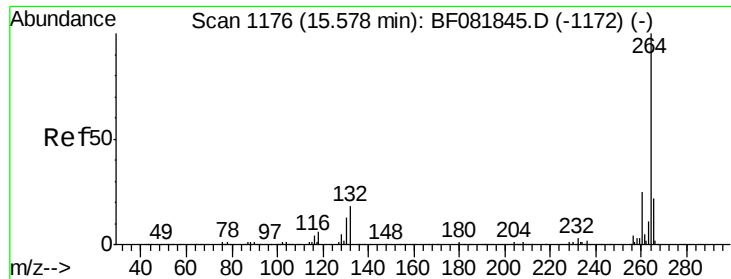


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

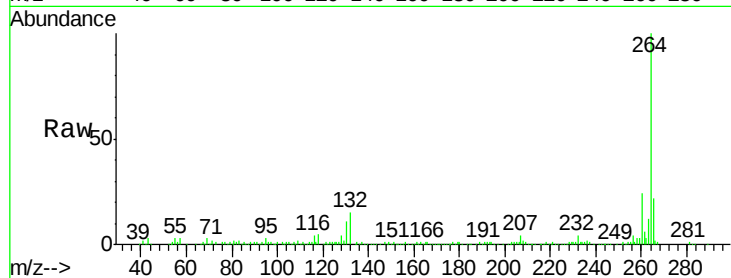




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF082062.D
 Acq: 6 Oct 2015 00:00

Instrument :
 BNA_F
 ClientSampleId :
 SS-4(0-2)

Tgt Ion: 264 Resp: 165745
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.6 17.2 25.8



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

