

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082045.D
 Acq On : 5 Oct 2015 14:52
 Operator : UM/IZ
 Sample : PB85905BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BL

Quant Time: Oct 05 18:26:17 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 18:00:00 2015
 Response via : Initial Calibration

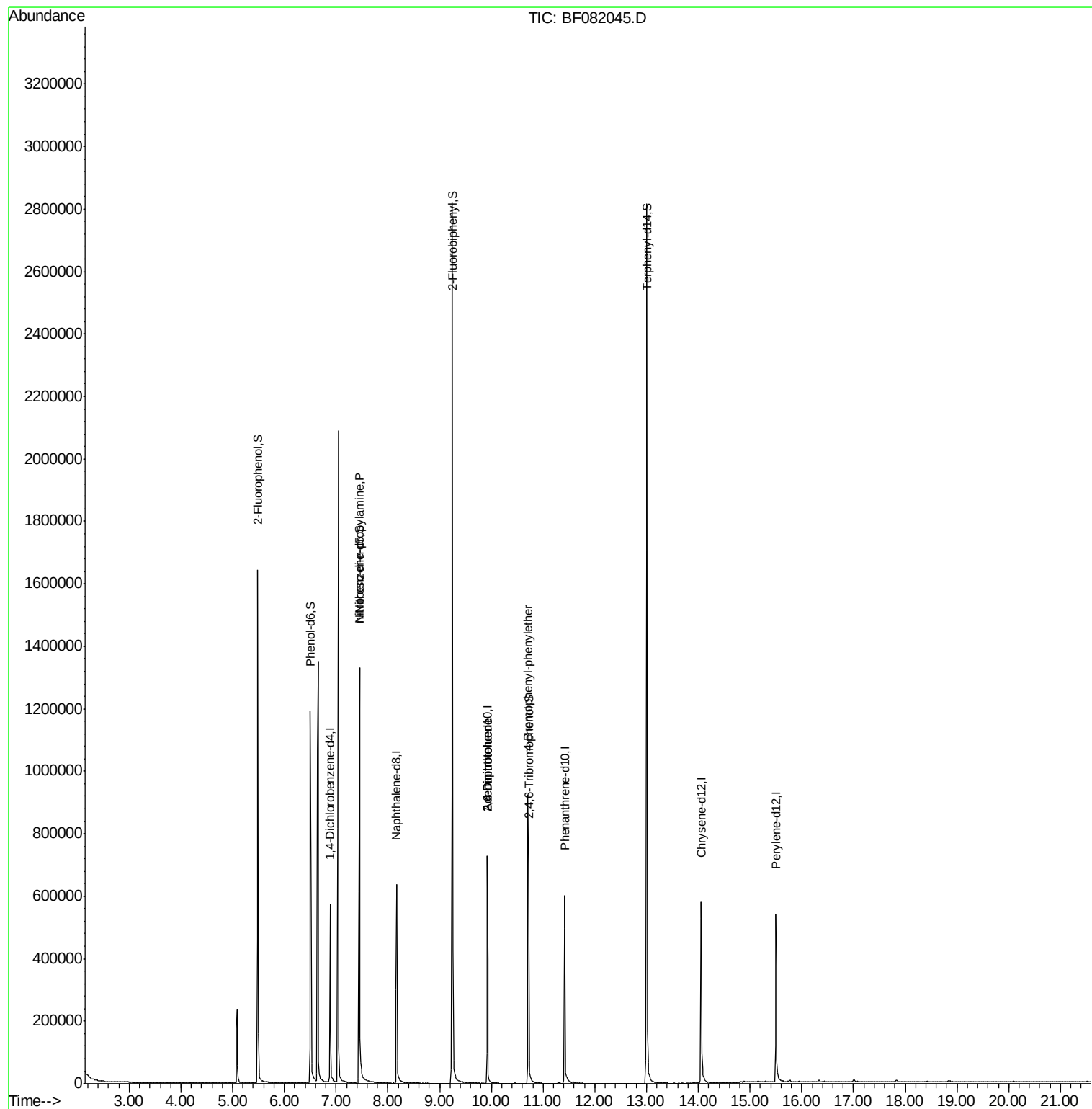
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	107142	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	416662	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	197378	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	394100	20.00	ng	0.00
75) Chrysene-d12	14.06	240	378372	20.00	ng	0.00
86) Perylene-d12	15.50	264	327886	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	471690	79.92	ng	0.01
7) Phenol-d6	6.50	99	580746	78.20	ng	-0.01
23) Nitrobenzene-d5	7.45	82	579732	92.75	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	177080	88.59	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1084429	93.82	ng	0.00
78) Terphenyl-d14	13.01	244	1202499	112.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	72861	16.14	ng	# 56
50) 2,6-Dinitrotoluene	9.92	165	24366	8.24	ng	# 37
56) 2,4-Dinitrotoluene	9.92	165	24362	6.46	ng	# 31
57) Fluorene	10.71	166	7093	Below Cal		# 86
66) 4-Bromophenyl-phenylether	10.71	248	10827	2.72	ng	# 1
73) Di-n-butylphthalate	11.98	149	256	Below Cal		# 78

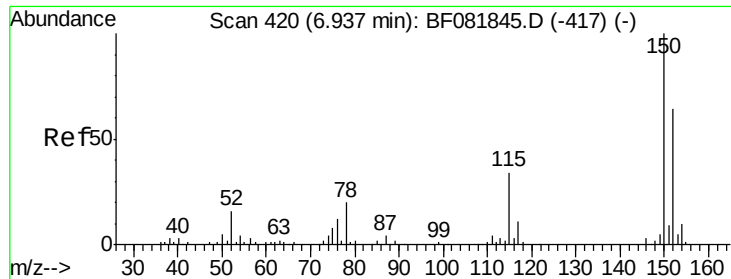
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082045.D
Acq On : 5 Oct 2015 14:52
Operator : UM/IZ
Sample : PB85905BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85905BL

Quant Time: Oct 05 18:26:17 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 18:00:00 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082045.D

Acq: 5 Oct 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85905BL

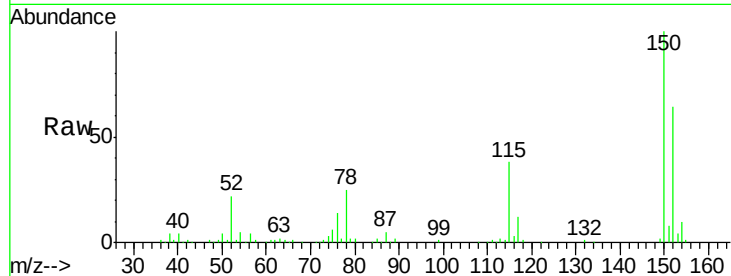
Tgt Ion:152 Resp: 107142

Ion Ratio Lower Upper

152 100

150 157.2 124.7 187.1

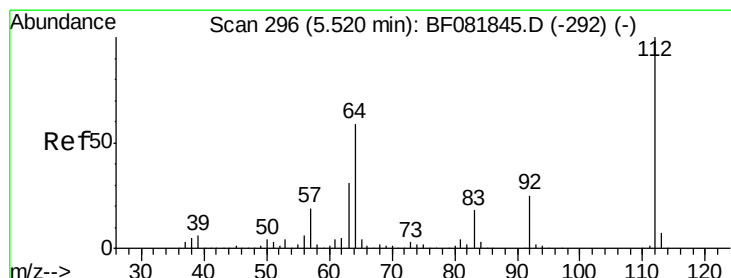
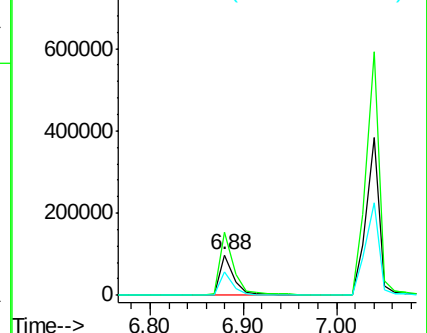
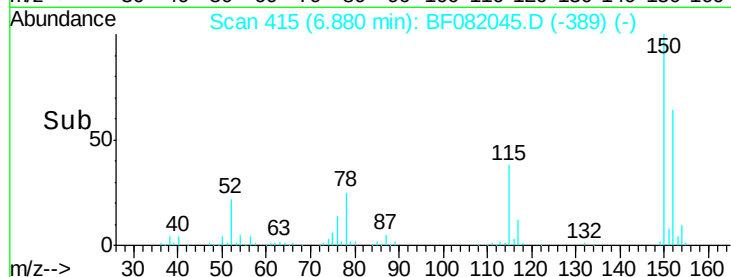
115 59.7 39.0 58.4#



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: 79.92 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082045.D

Acq: 5 Oct 2015 14:52

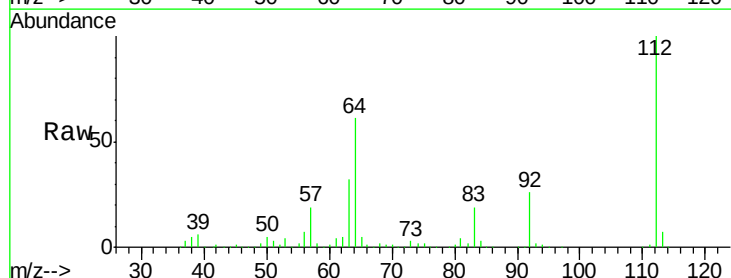
Tgt Ion:112 Resp: 471690

Ion Ratio Lower Upper

112 100

64 61.2 39.7 59.5#

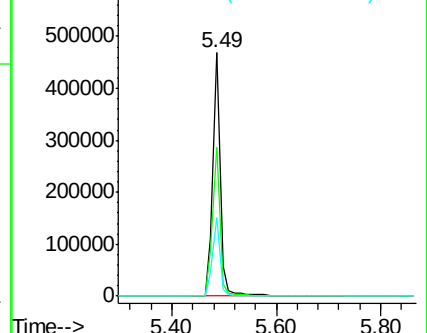
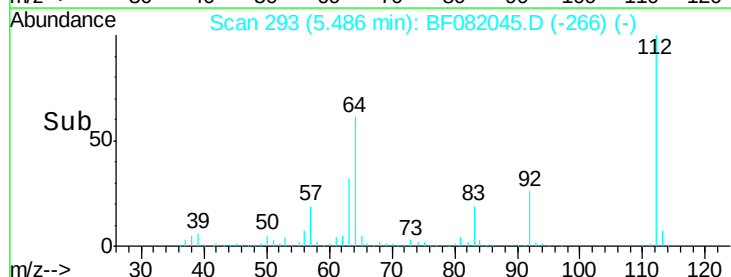
63 32.4 17.4 26.0#

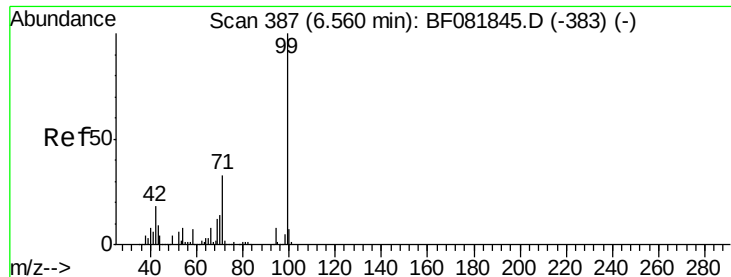


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.20 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082045.D

Acq: 5 Oct 2015 14:52

Instrument :

BNA_F

ClientSampled :

PB85905BL

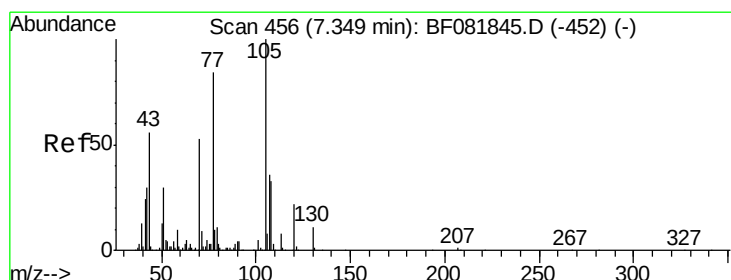
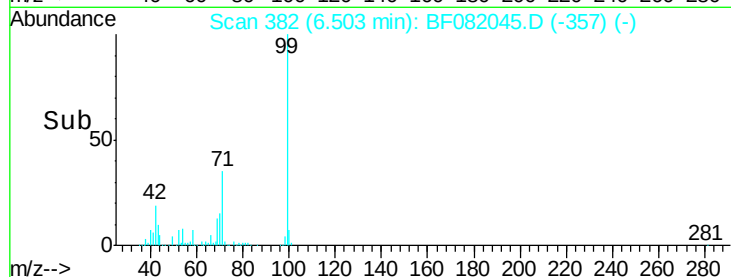
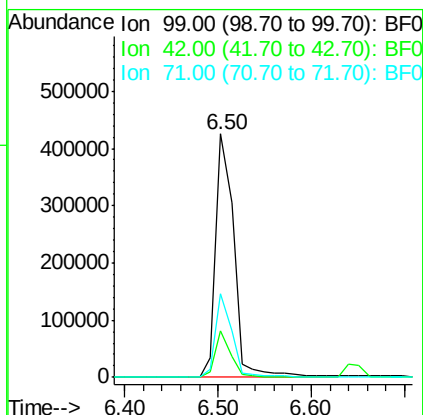
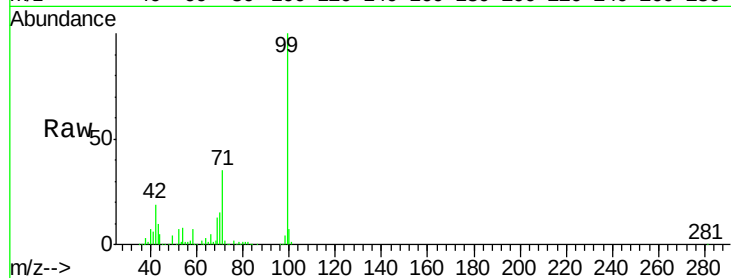
Tgt Ion: 99 Resp: 580746

Ion Ratio Lower Upper

99 100

42 19.2 13.7 20.5

71 34.5 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 16.14 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.15 min

Lab File: BF082045.D

Acq: 5 Oct 2015 14:52

Tgt Ion: 70 Resp: 72861

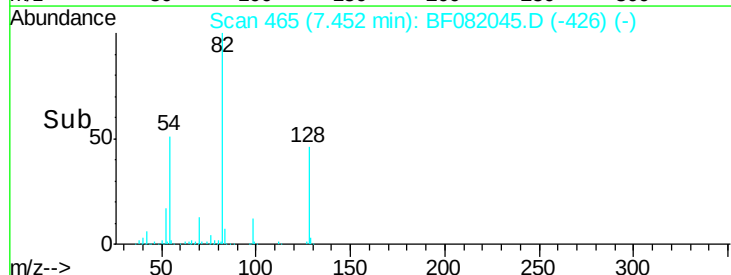
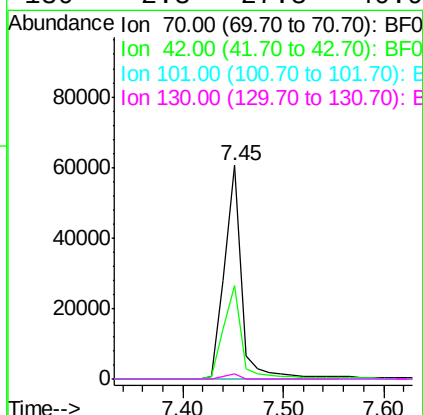
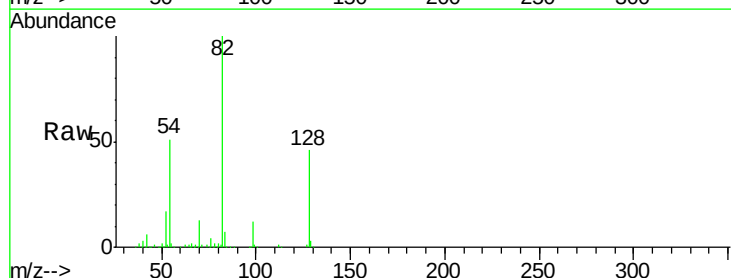
Ion Ratio Lower Upper

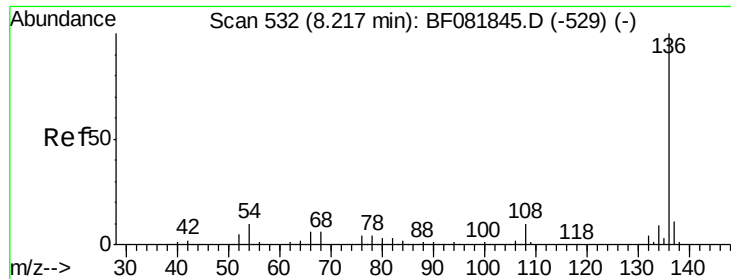
70 100

42 44.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

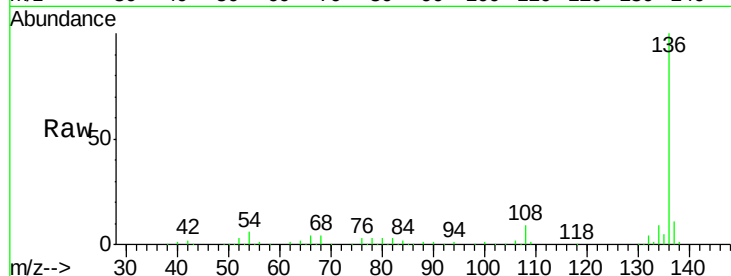




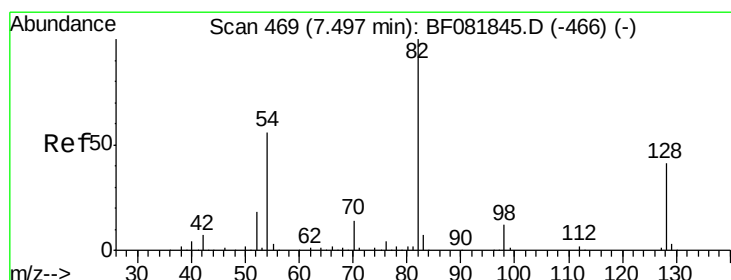
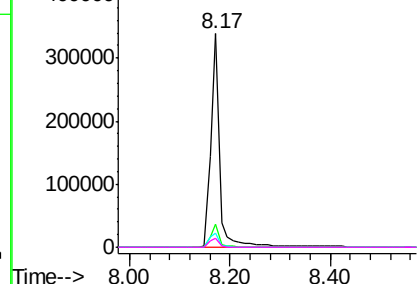
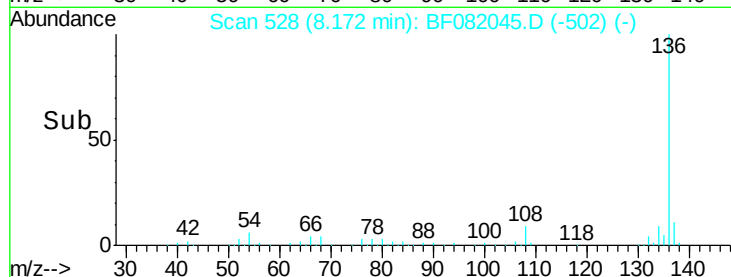
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082045.D
Acq: 5 Oct 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85905BL

Tgt Ion:136 Resp: 416662
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 6.5 8.2 12.2#
68 4.3 5.8 8.6#

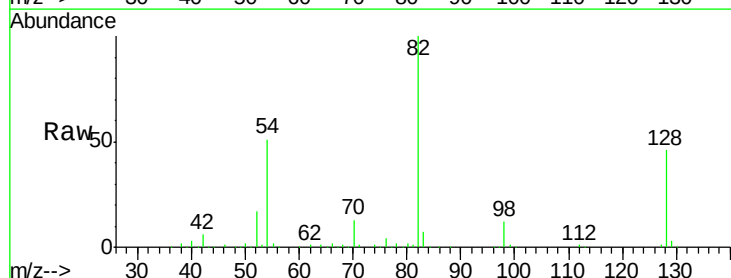


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

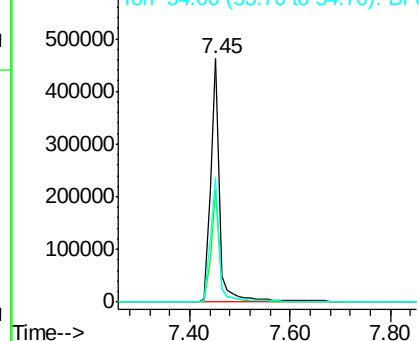
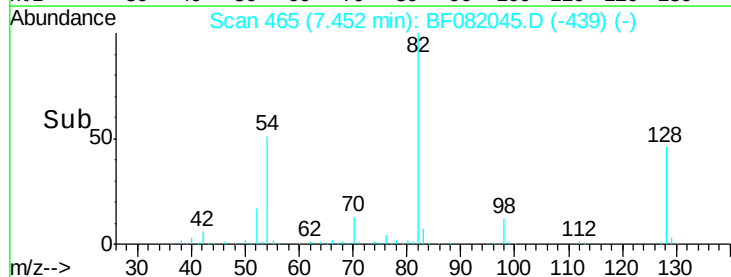


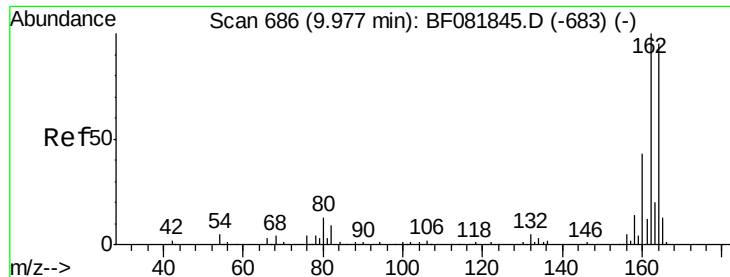
#23
Nitrobenzene-d5
Concen: 92.75 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082045.D
Acq: 5 Oct 2015 14:52

Tgt Ion: 82 Resp: 579732
Ion Ratio Lower Upper
82 100
128 45.9 51.0 76.6#
54 51.2 47.5 71.3



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

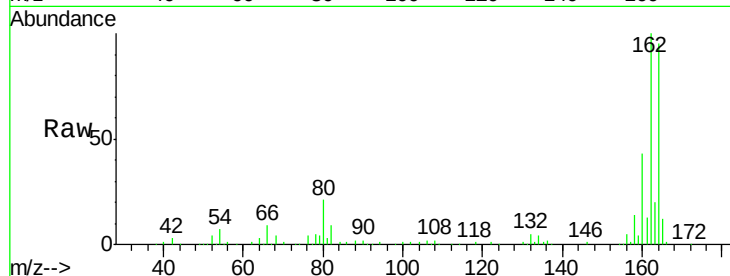




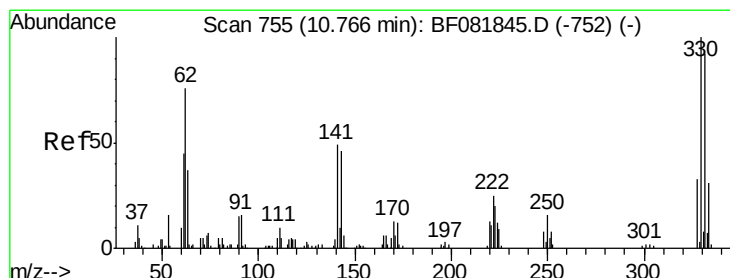
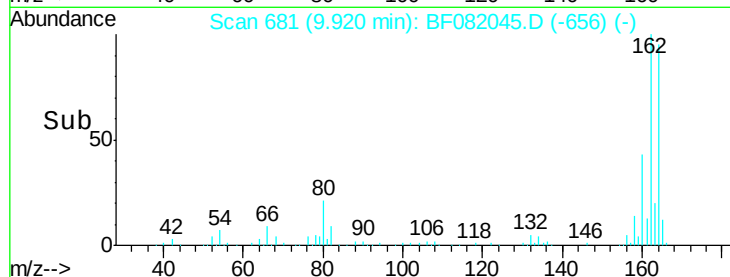
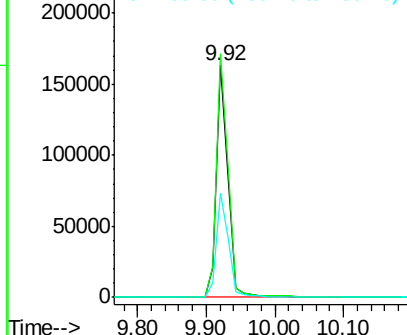
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF082045.D
 Acq: 5 Oct 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BL

Tgt Ion:164 Resp: 197378
 Ion Ratio Lower Upper
 164 100
 162 105.0 75.2 112.8
 160 44.7 31.5 47.3

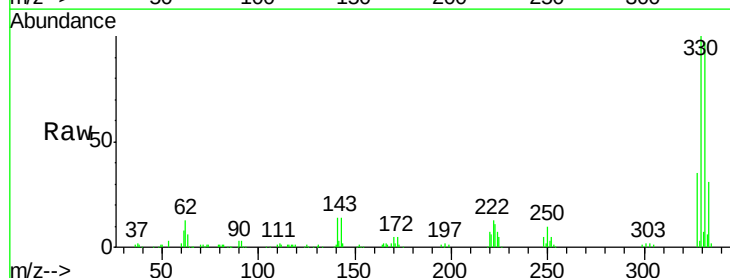


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

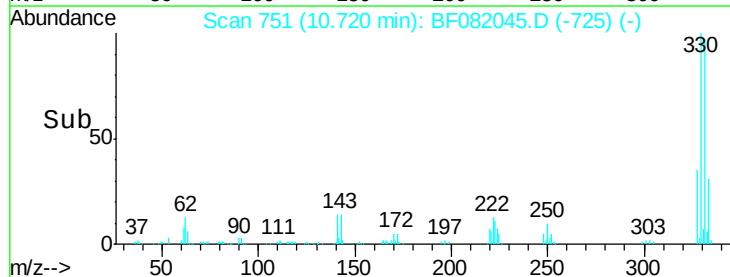
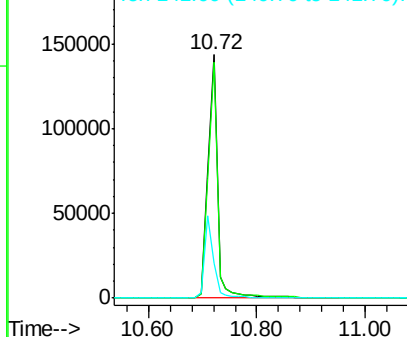


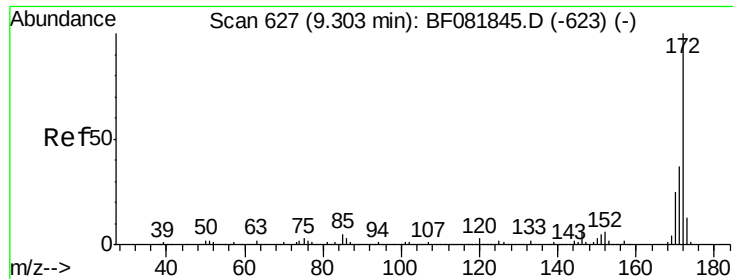
#41
 2,4,6-Tribromophenol
 Concen: 88.59 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082045.D
 Acq: 5 Oct 2015 14:52

Tgt Ion:330 Resp: 177080
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 32.0 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

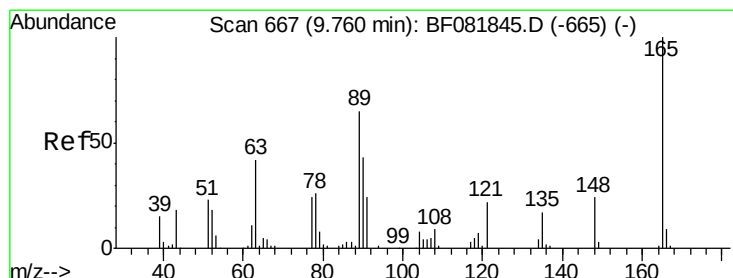
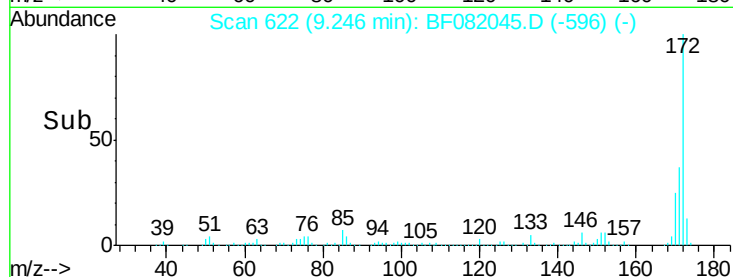
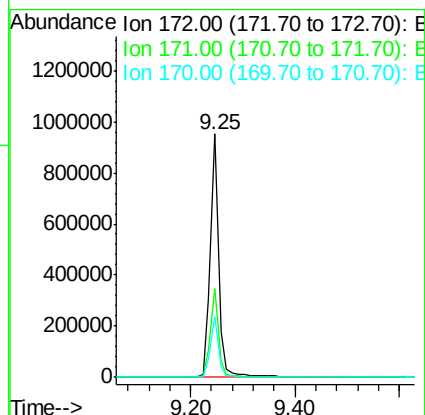
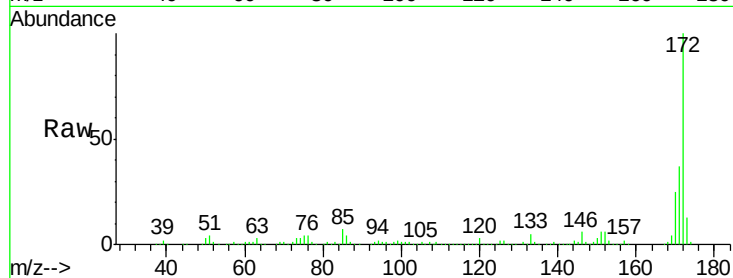




#44
 2-Fluorobiphenyl
 Concen: 93.82 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082045.D
 Acq: 5 Oct 2015 14:52

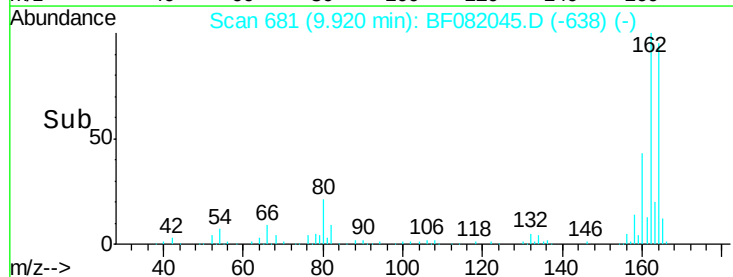
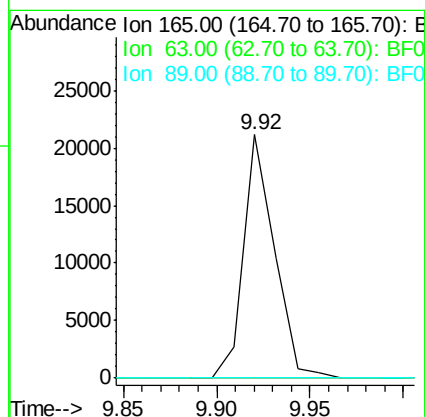
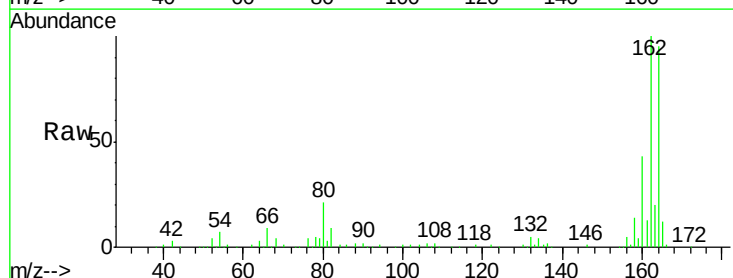
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BL

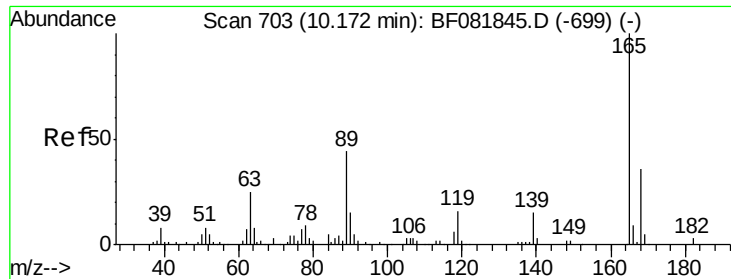
Tgt Ion:172 Resp: 1084429
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.7 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 9.92 min Scan# 681
 Delta R.T. 0.19 min
 Lab File: BF082045.D
 Acq: 5 Oct 2015 14:52

Tgt Ion:165 Resp: 24366
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#

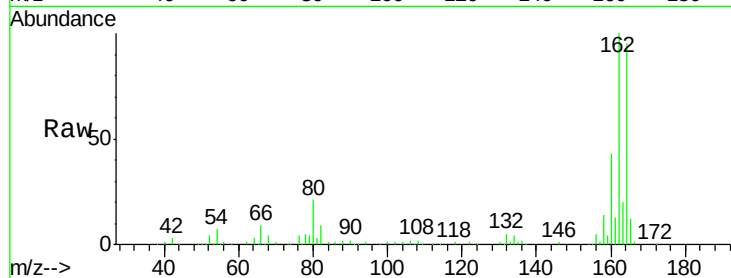




#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.21 min
 Lab File: BF082045.D
 Acq: 5 Oct 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BL

Tgt Ion:	165	Resp:	24362
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

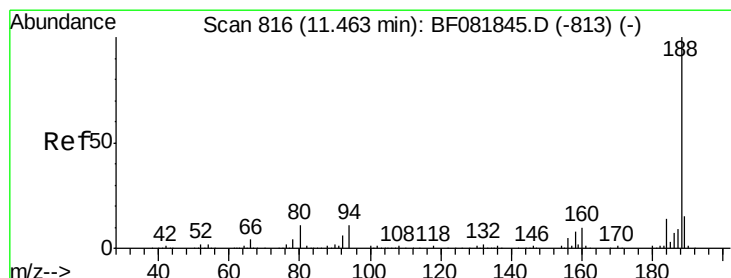
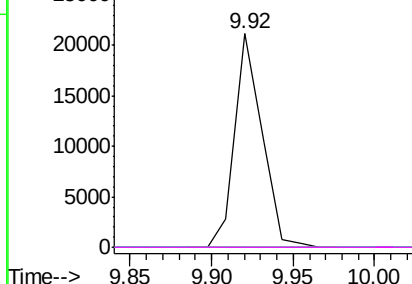
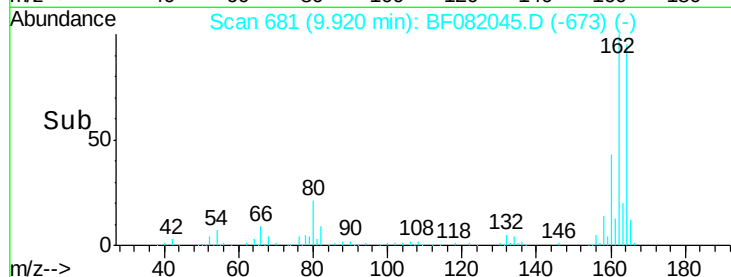


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

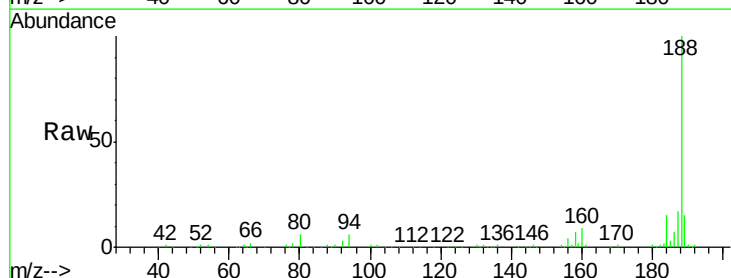
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF082045.D
 Acq: 5 Oct 2015 14:52

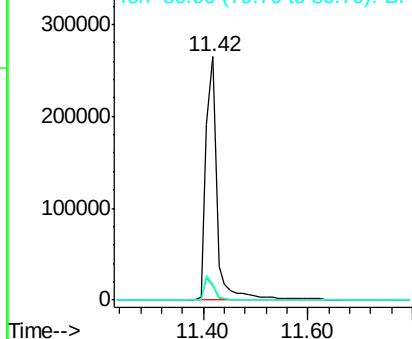
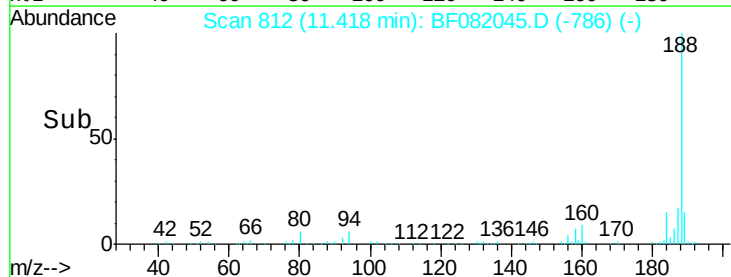
Tgt Ion:	188	Resp:	394100
Ion	Ratio	Lower	Upper
188	100		
94	6.0	11.1	16.7#
80	6.2	11.0	16.4#

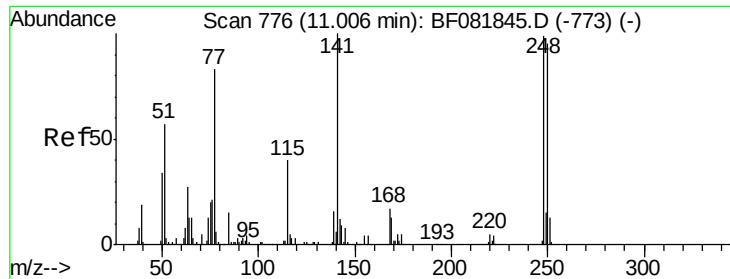


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

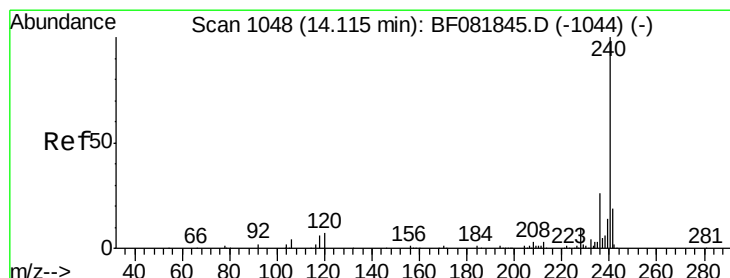
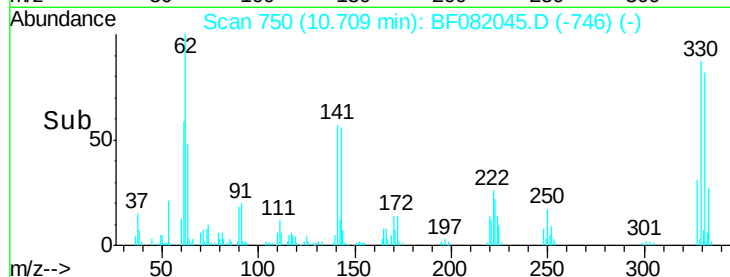
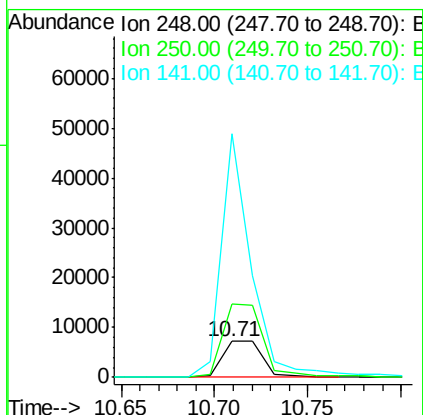
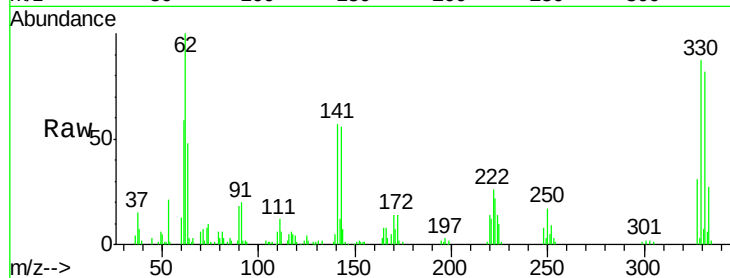




#66
 4-Bromophenyl-phenylether
 Concen: 2.72 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF082045.D
 Acq: 5 Oct 2015 14:52

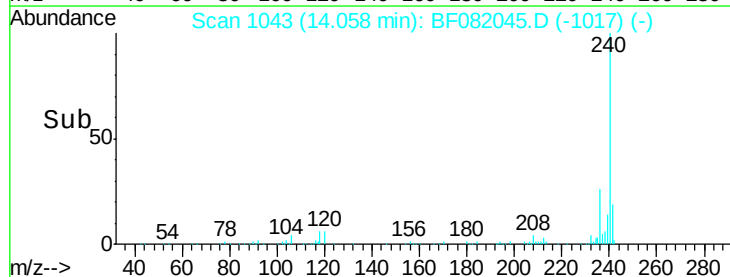
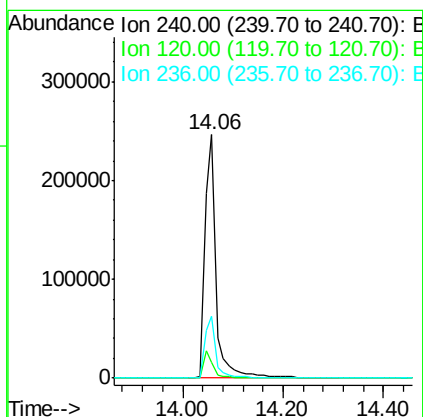
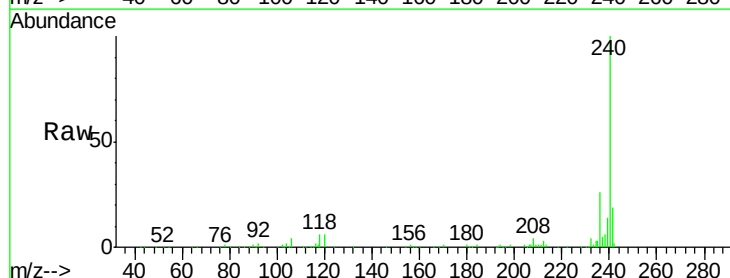
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BL

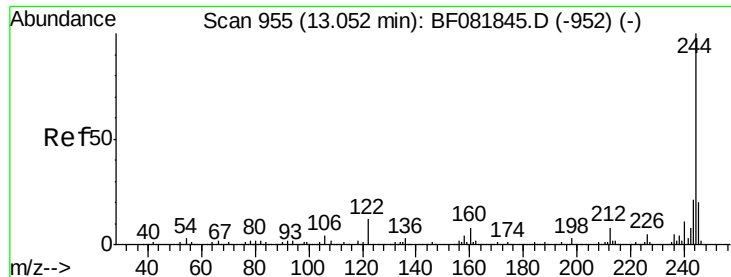
Tgt Ion:248 Resp: 10827
 Ion Ratio Lower Upper
 248 100
 250 202.8 78.5 117.7#
 141 672.6 59.0 88.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF082045.D
 Acq: 5 Oct 2015 14:52

Tgt Ion:240 Resp: 378372
 Ion Ratio Lower Upper
 240 100
 120 6.4 16.2 24.2#
 236 25.7 18.4 27.6





#78

Terphenyl-d14

Concen: 112.45 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF082045.D

Acq: 5 Oct 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85905BL

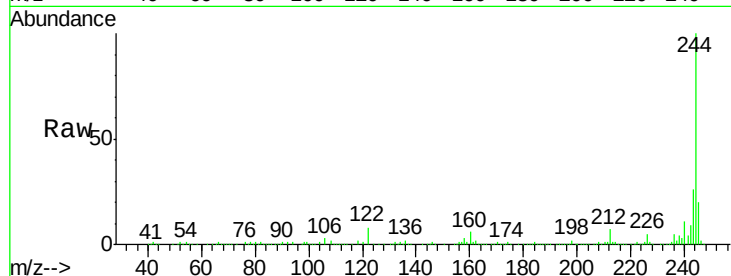
Tgt Ion:244 Resp: 1202499

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

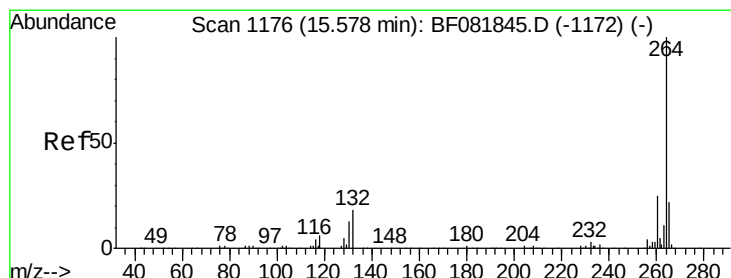
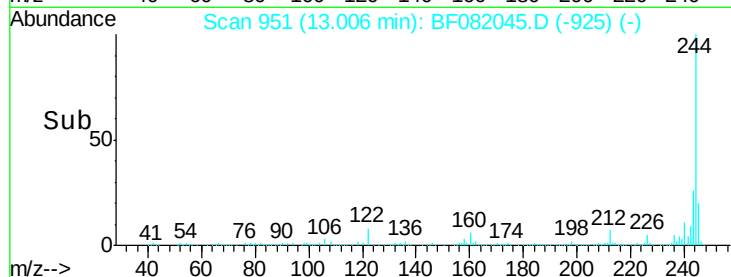
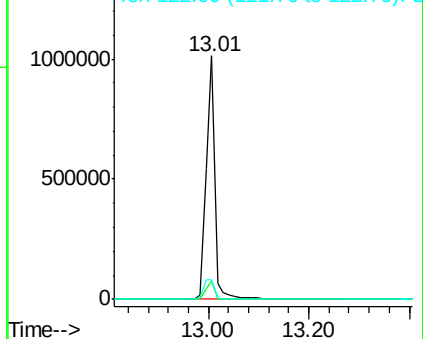
122 8.1 17.4 26.2#



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: 15.50 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF082045.D

Acq: 5 Oct 2015 14:52

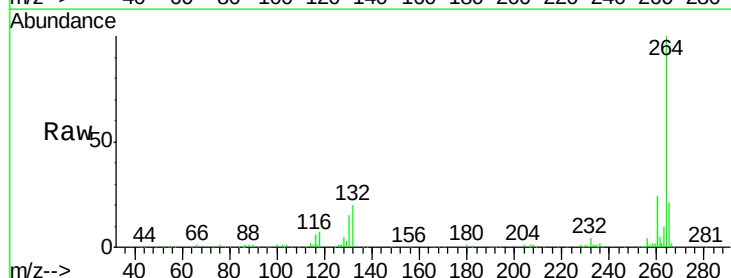
Tgt Ion:264 Resp: 327886

Ion Ratio Lower Upper

264 100

260 24.0 16.7 25.1

265 21.3 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

