

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085395.D
 Acq On : 12 Mar 2016 3:25
 Operator : UM/SJ
 Sample : PB88821BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BL

Quant Time: Mar 12 03:51:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

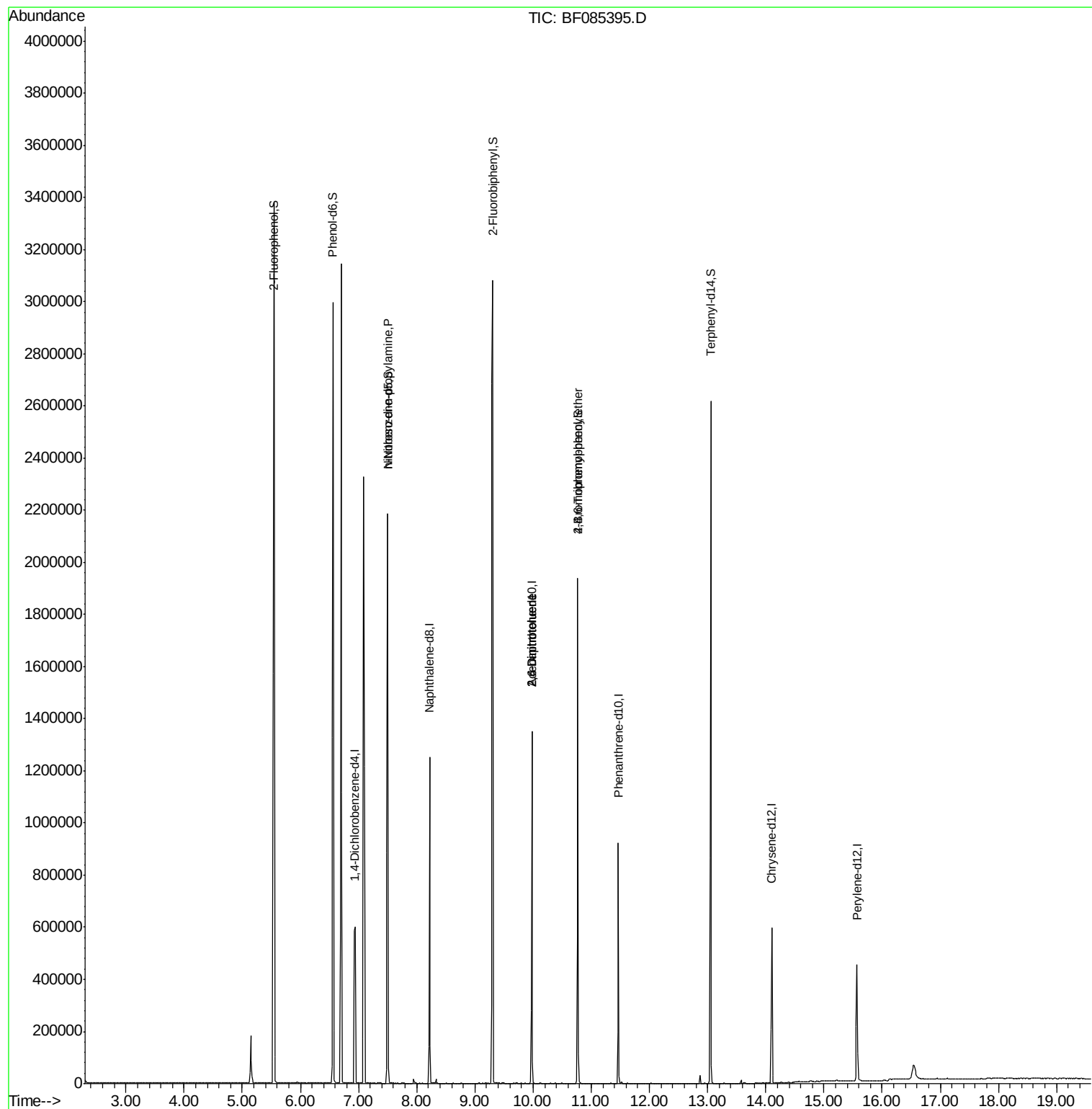
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	141161	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	535135	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	255131	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	329761	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	214379	20.00	ng	-0.05
86) Perylene-d12	15.57	264	203628	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1058851	125.82	ng	-0.03
7) Phenol-d6	6.56	99	1190916	108.01	ng	-0.05
23) Nitrobenzene-d5	7.50	82	782390	78.24	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	218990	100.31	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1442433	85.98	ng	-0.05
78) Terphenyl-d14	13.05	244	815547	88.31	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.56	77	1730	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.50	70	105427	14.67	ng	# 75
50) 2,6-Dinitrotoluene	9.98	165	32418	7.74	ng	# 26
56) 2,4-Dinitrotoluene	9.98	165	32420	6.05	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	16322	5.10	ng	# 1

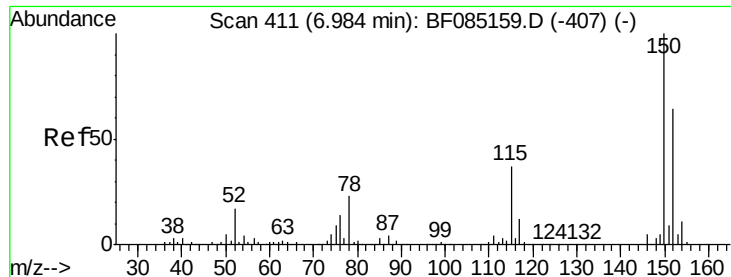
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085395.D
Acq On : 12 Mar 2016 3:25
Operator : UM/SJ
Sample : PB88821BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88821BL

Quant Time: Mar 12 03:51:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

Instrument :

BNA_F

ClientSampleId :

PB88821BL

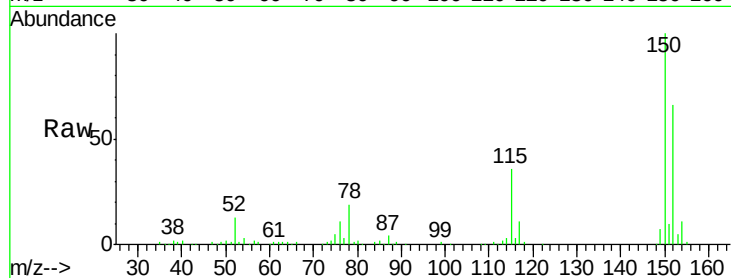
Tgt Ion:152 Resp: 141161

Ion Ratio Lower Upper

152 100

150 152.7 124.6 186.8

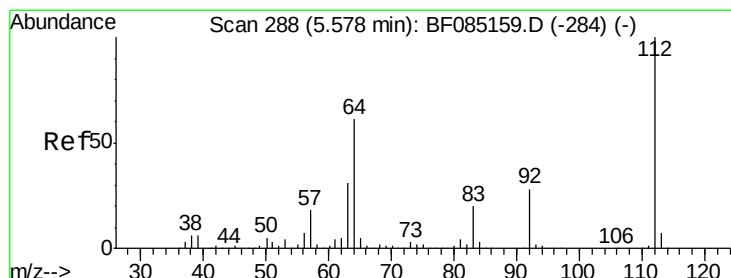
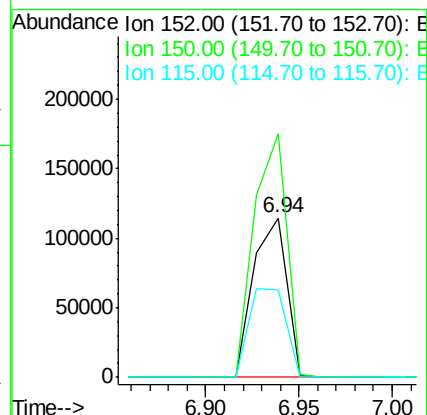
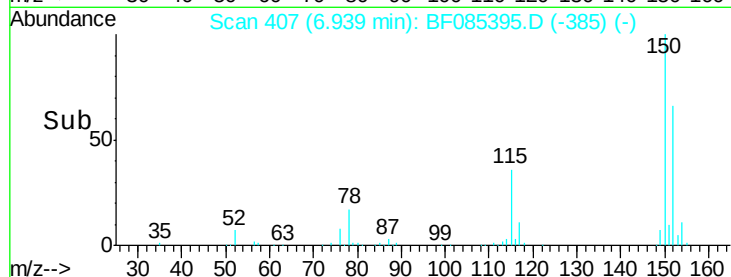
115 54.6 46.6 70.0



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: 125.82 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

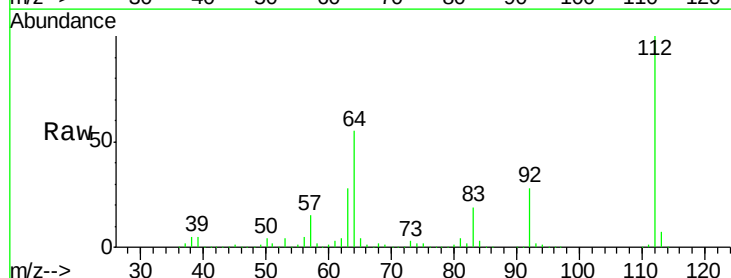
Tgt Ion:112 Resp: 1058851

Ion Ratio Lower Upper

112 100

64 54.9 49.0 73.4

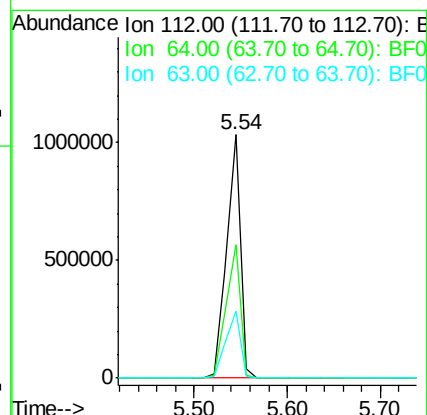
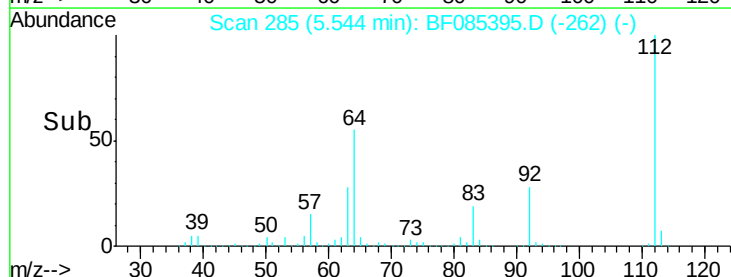
63 27.6 24.8 37.2

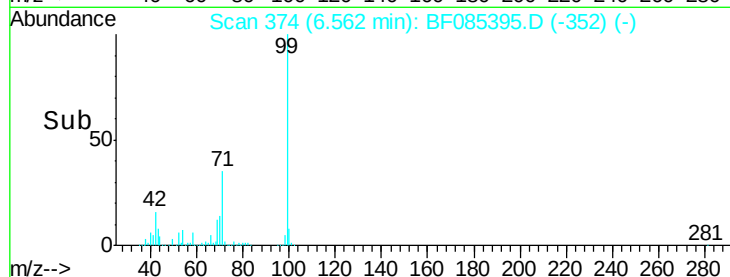
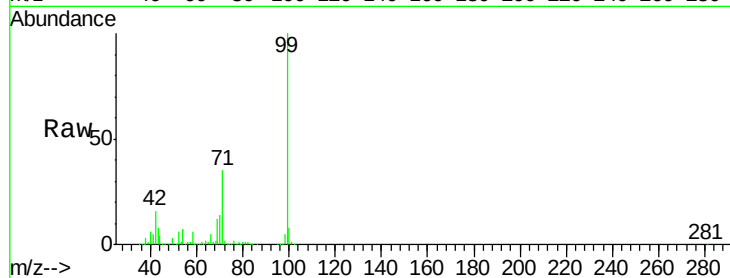
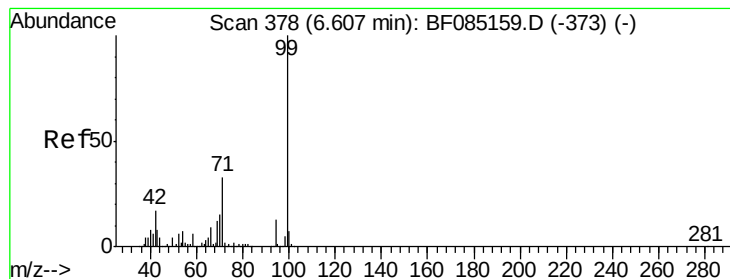


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.01 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

Instrument :

BNA_F

ClientSampleId :

PB88821BL

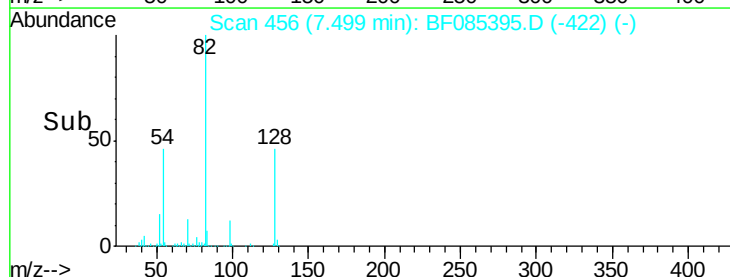
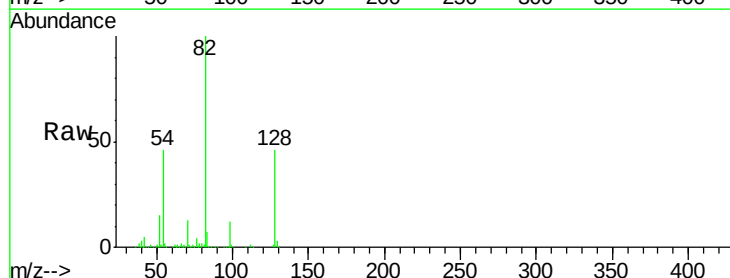
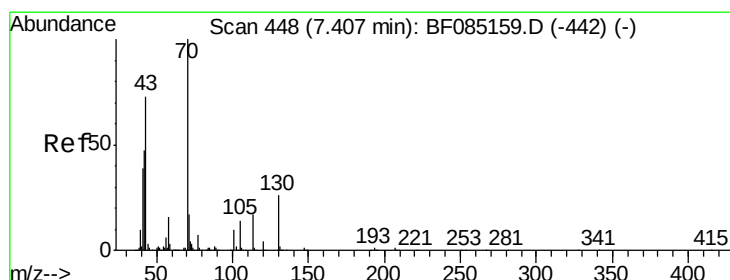
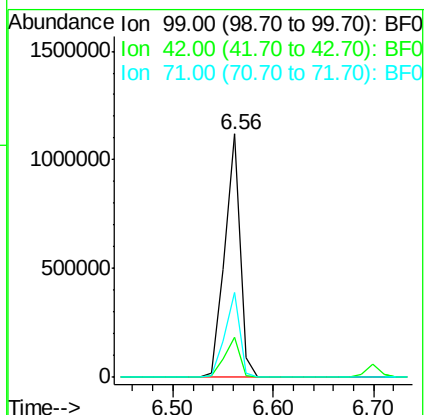
Tgt Ion: 99 Resp: 1190916

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

71 35.1 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.67 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

Tgt Ion: 70 Resp: 105427

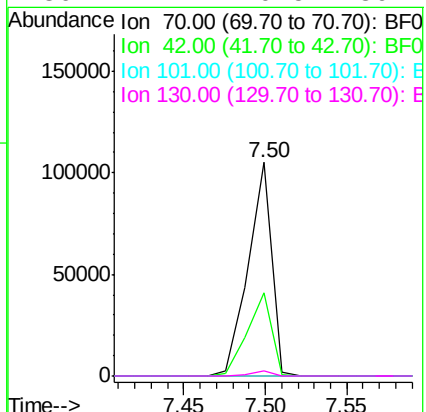
Ion Ratio Lower Upper

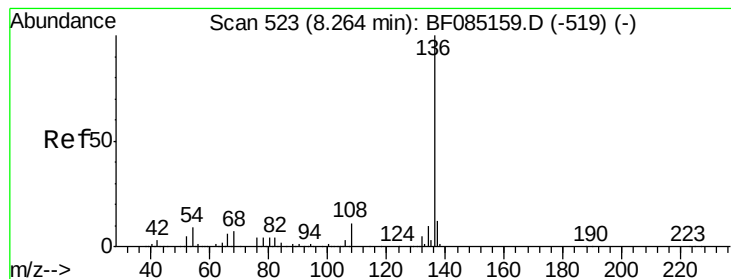
70 100

42 38.7 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

Instrument :

BNA_F

ClientSampleId :

PB88821BL

Tgt Ion: 136 Resp: 535135

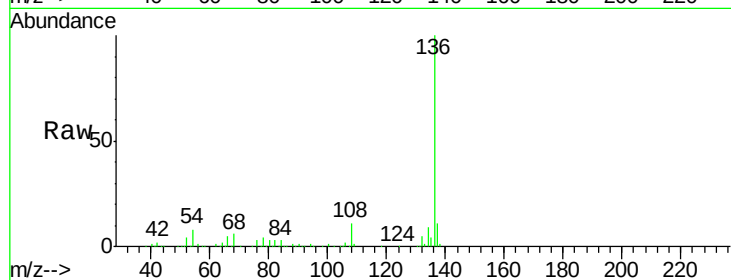
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.8 7.4 11.2

68 6.3 6.0 9.0

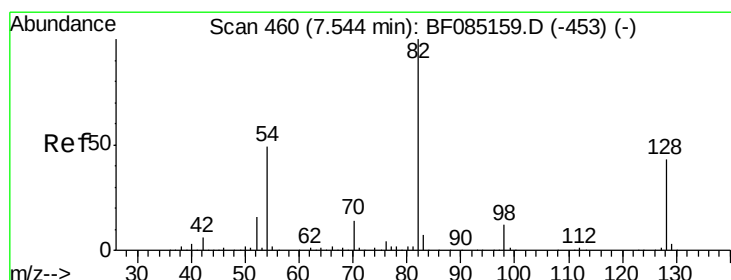
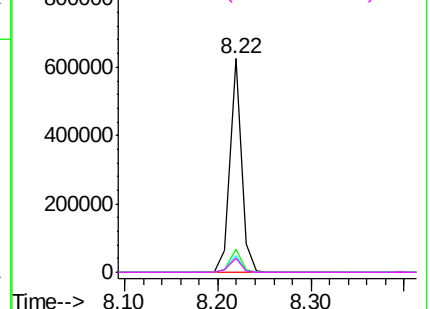
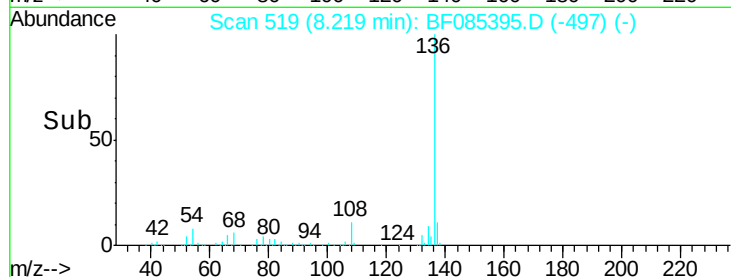


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.24 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

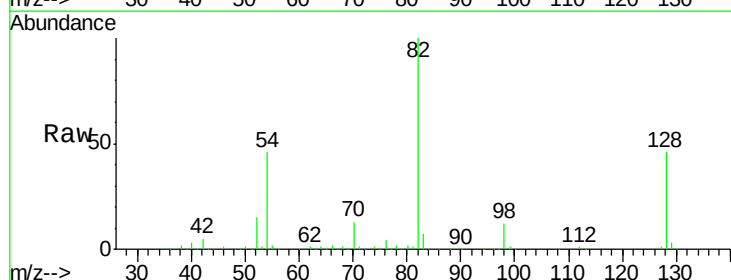
Tgt Ion: 82 Resp: 782390

Ion Ratio Lower Upper

82 100

128 46.3 34.5 51.7

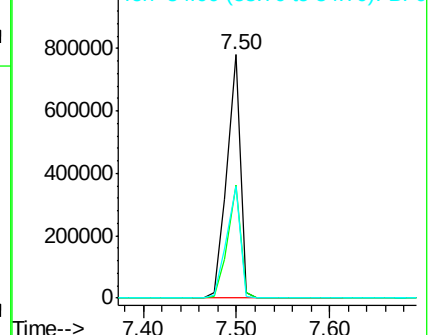
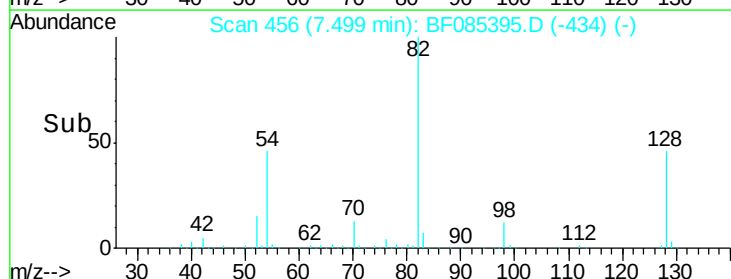
54 45.8 39.3 58.9

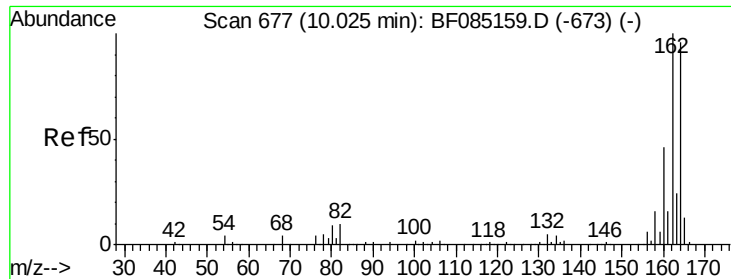


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

Instrument :

BNA_F

ClientSampleId :

PB88821BL

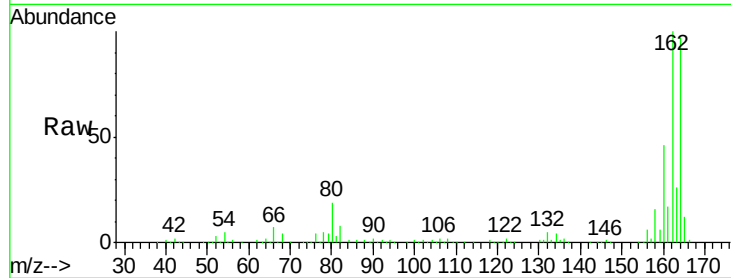
Tgt Ion:164 Resp: 255131

Ion Ratio Lower Upper

164 100

162 102.8 83.3 124.9

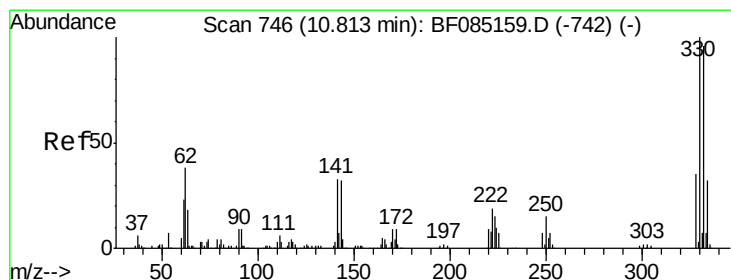
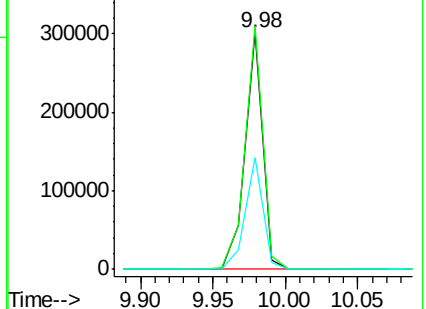
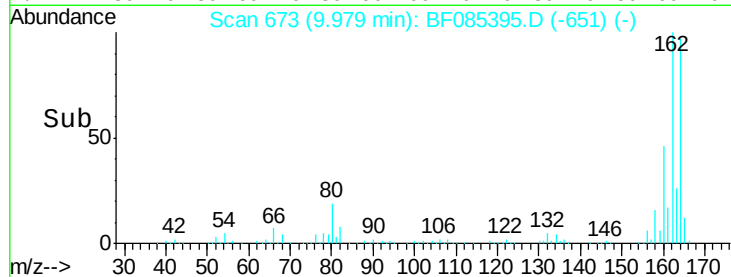
160 47.2 37.9 56.9



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: 100.31 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.05 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

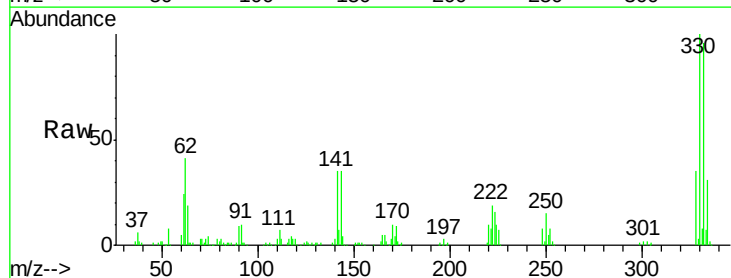
Tgt Ion:330 Resp: 218990

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

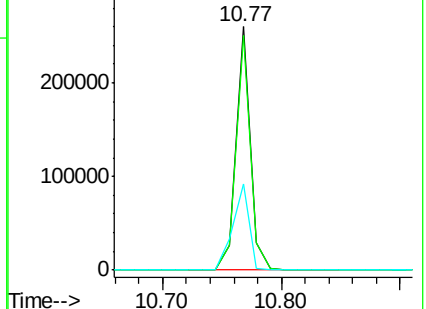
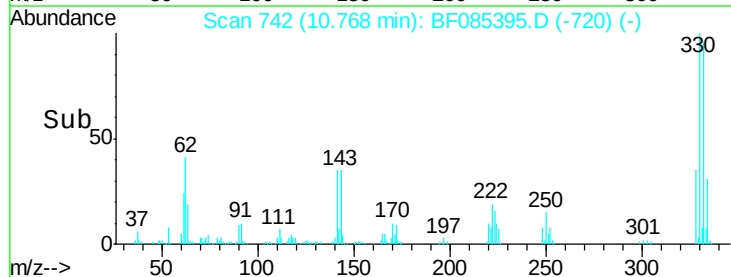
141 40.2 35.0 52.6

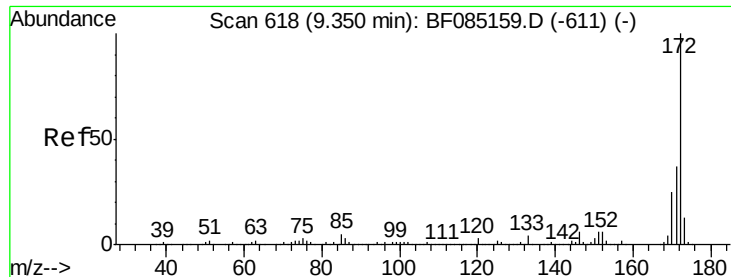


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

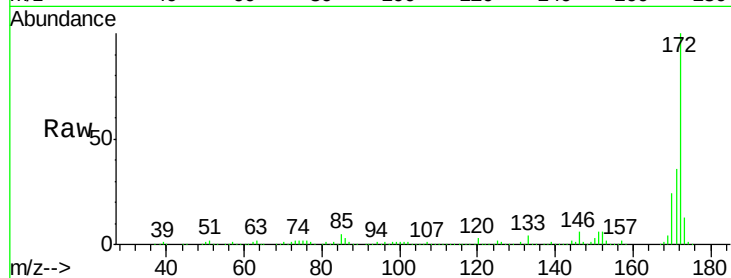




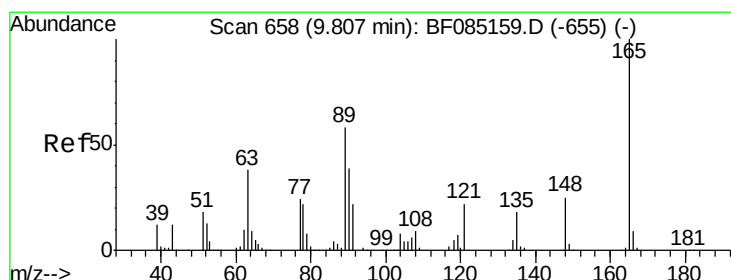
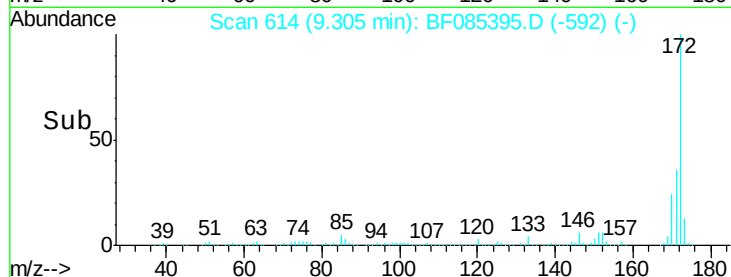
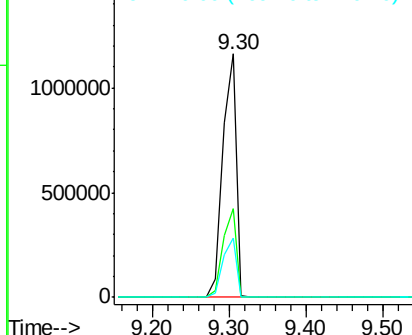
#44
 2-Fluorobiphenyl
 Concen: 85.98 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085395.D
 Acq: 12 Mar 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BL

Tgt Ion:172 Resp: 1442433
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 24.4 20.0 30.0

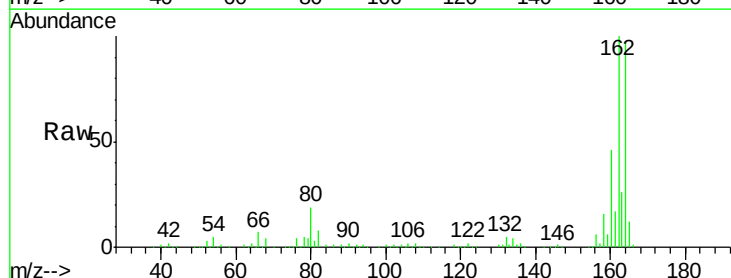


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

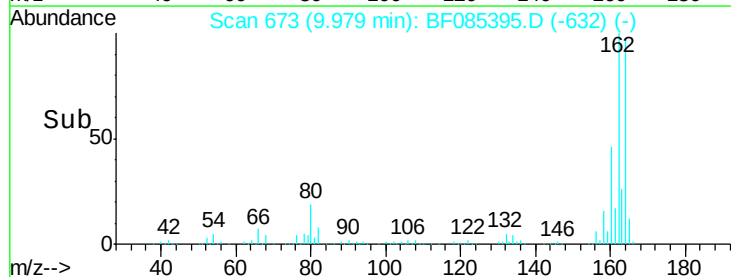
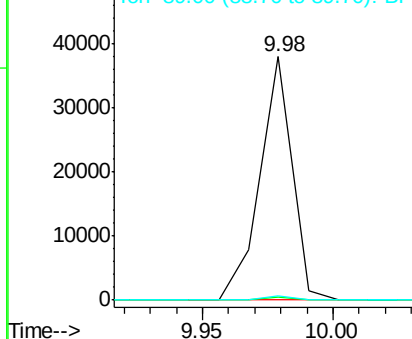


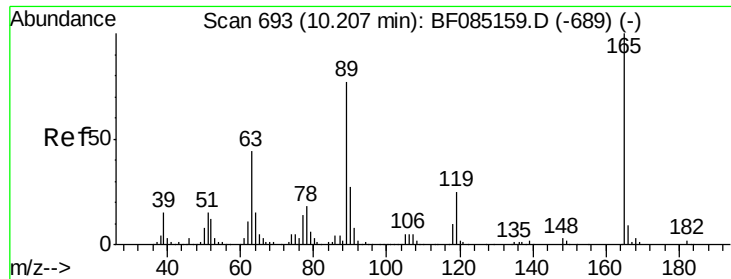
#50
 2,6-Dinitrotoluene
 Concen: 7.74 ng
 RT: 9.98 min Scan# 673
 Delta R.T. 0.17 min
 Lab File: BF085395.D
 Acq: 12 Mar 2016 3:25

Tgt Ion:165 Resp: 32418
 Ion Ratio Lower Upper
 165 100
 63 1.4 41.8 62.8#
 89 1.7 46.7 70.1#



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

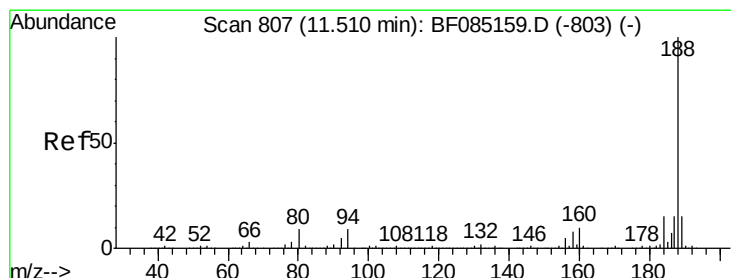
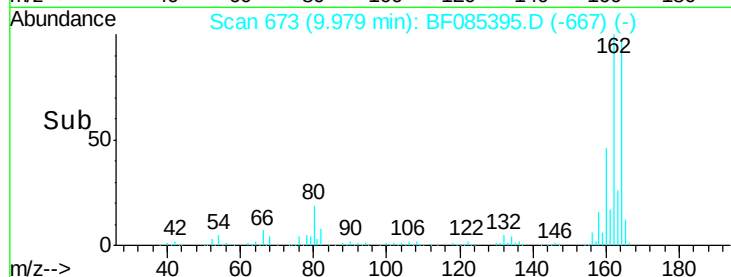
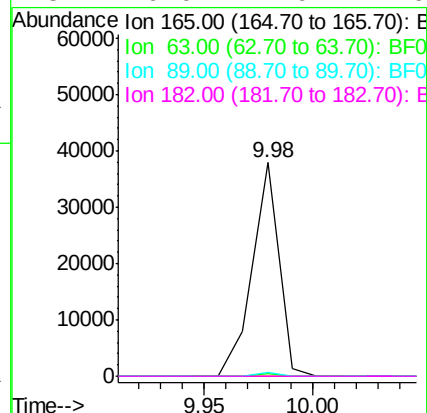
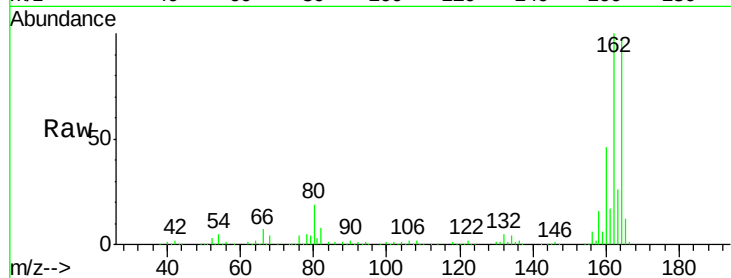




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.23 min
 Lab File: BF085395.D
 Acq: 12 Mar 2016 3:25

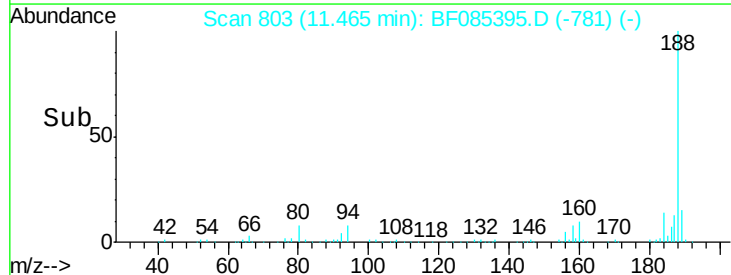
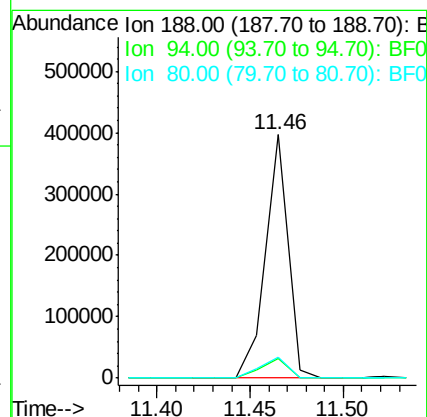
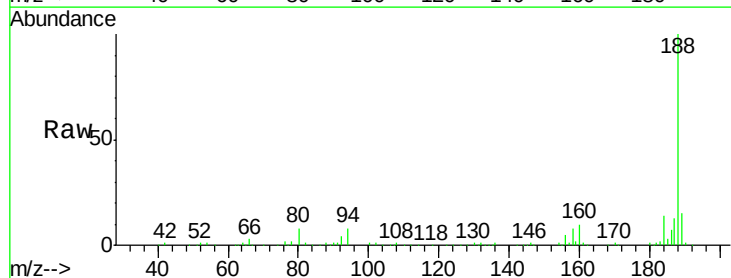
Instrument :
 BNA_F
 ClientSampleId :
 PB88821BL

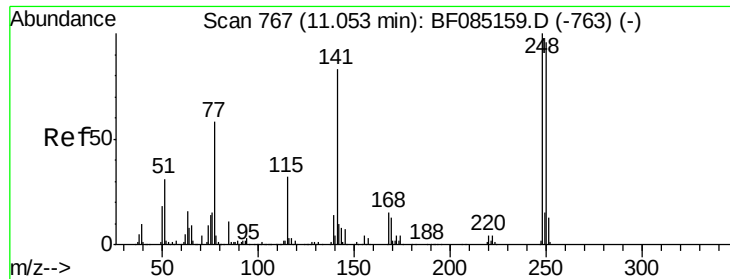
Tgt Ion:	165	Resp:	32420
Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.4	53.0#
89	1.7	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.05 min
 Lab File: BF085395.D
 Acq: 12 Mar 2016 3:25

Tgt Ion:	188	Resp:	329761
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	8.5	7.4	11.0

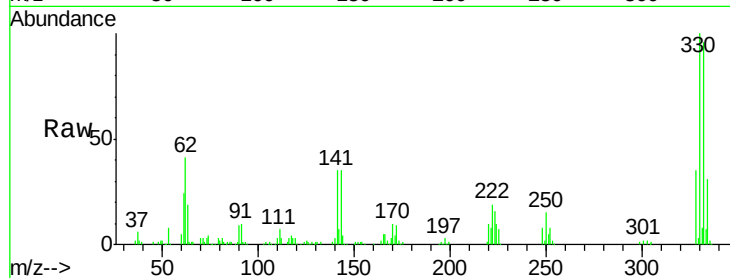




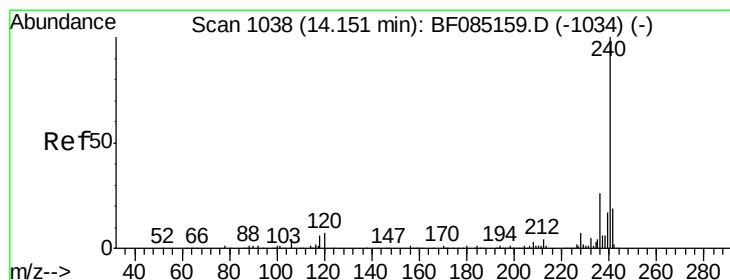
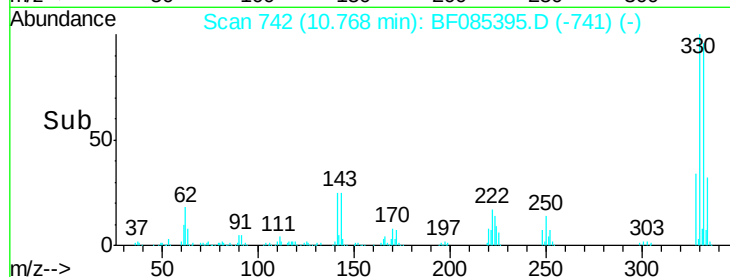
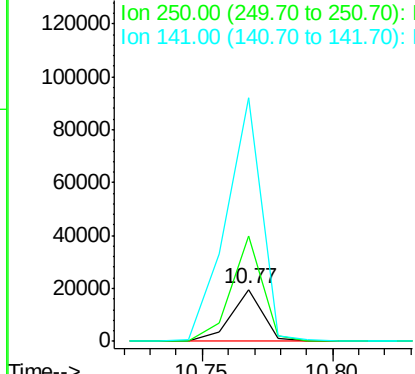
#66
 4-Bromophenyl-phenylether
 Concen: 5.10 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.29 min
 Lab File: BF085395.D
 Acq: 12 Mar 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BL

Tgt Ion:248 Resp: 16322
 Ion Ratio Lower Upper
 248 100
 250 204.3 77.1 115.7#
 141 471.2 66.2 99.2#

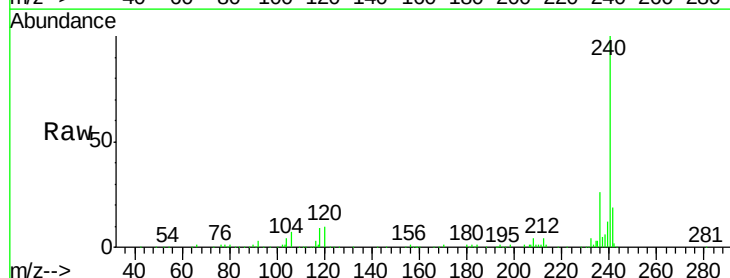


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

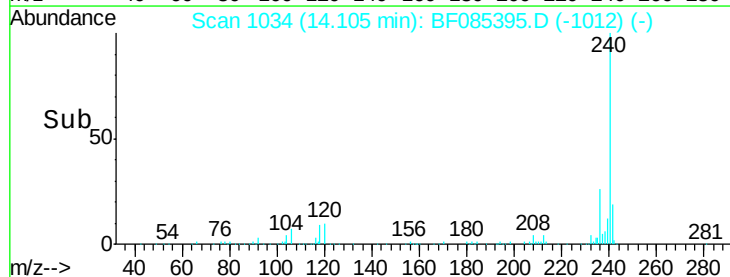
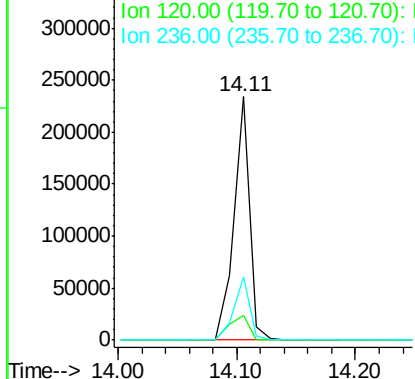


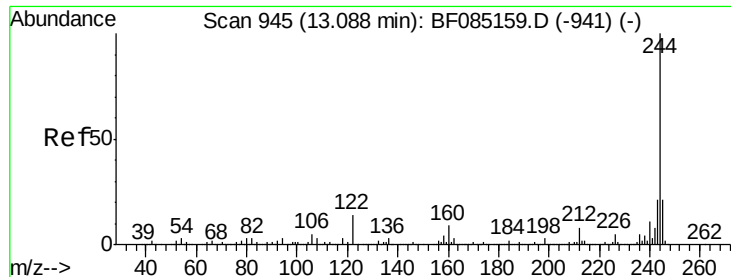
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF085395.D
 Acq: 12 Mar 2016 3:25

Tgt Ion:240 Resp: 214379
 Ion Ratio Lower Upper
 240 100
 120 10.1 5.3 7.9#
 236 26.2 20.7 31.1



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: 88.31 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

Instrument :

BNA_F

ClientSampleId :

PB88821BL

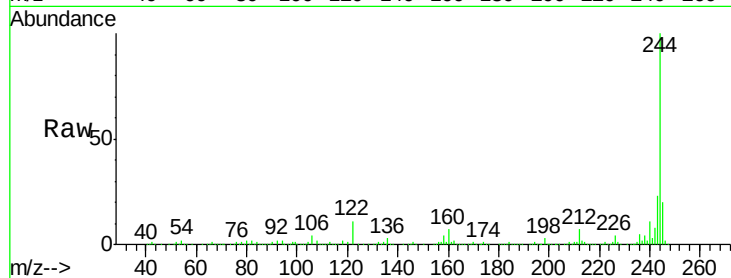
Tgt Ion:244 Resp: 815547

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

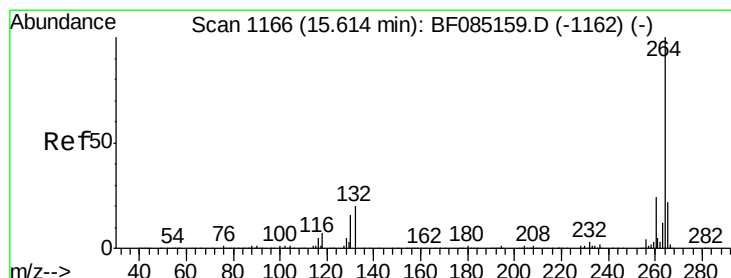
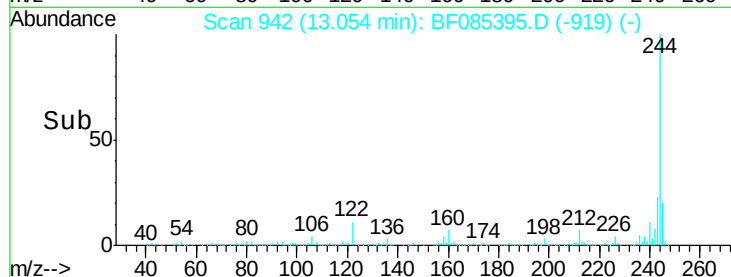
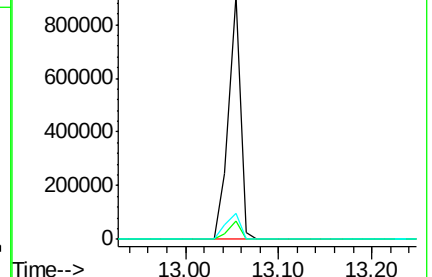
122 10.7 11.4 17.2#



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: 15.57 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BF085395.D

Acq: 12 Mar 2016 3:25

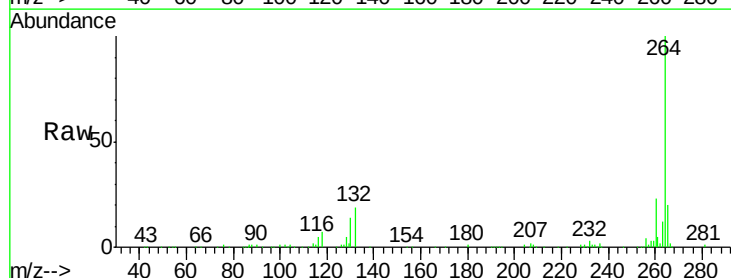
Tgt Ion:264 Resp: 203628

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.4 17.3 25.9



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

