

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032416\
 Data File : BF085753.D
 Acq On : 25 Mar 2016 10:22
 Operator : UM/SJ
 Sample : H1857-04 DL 10X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 25 14:10:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

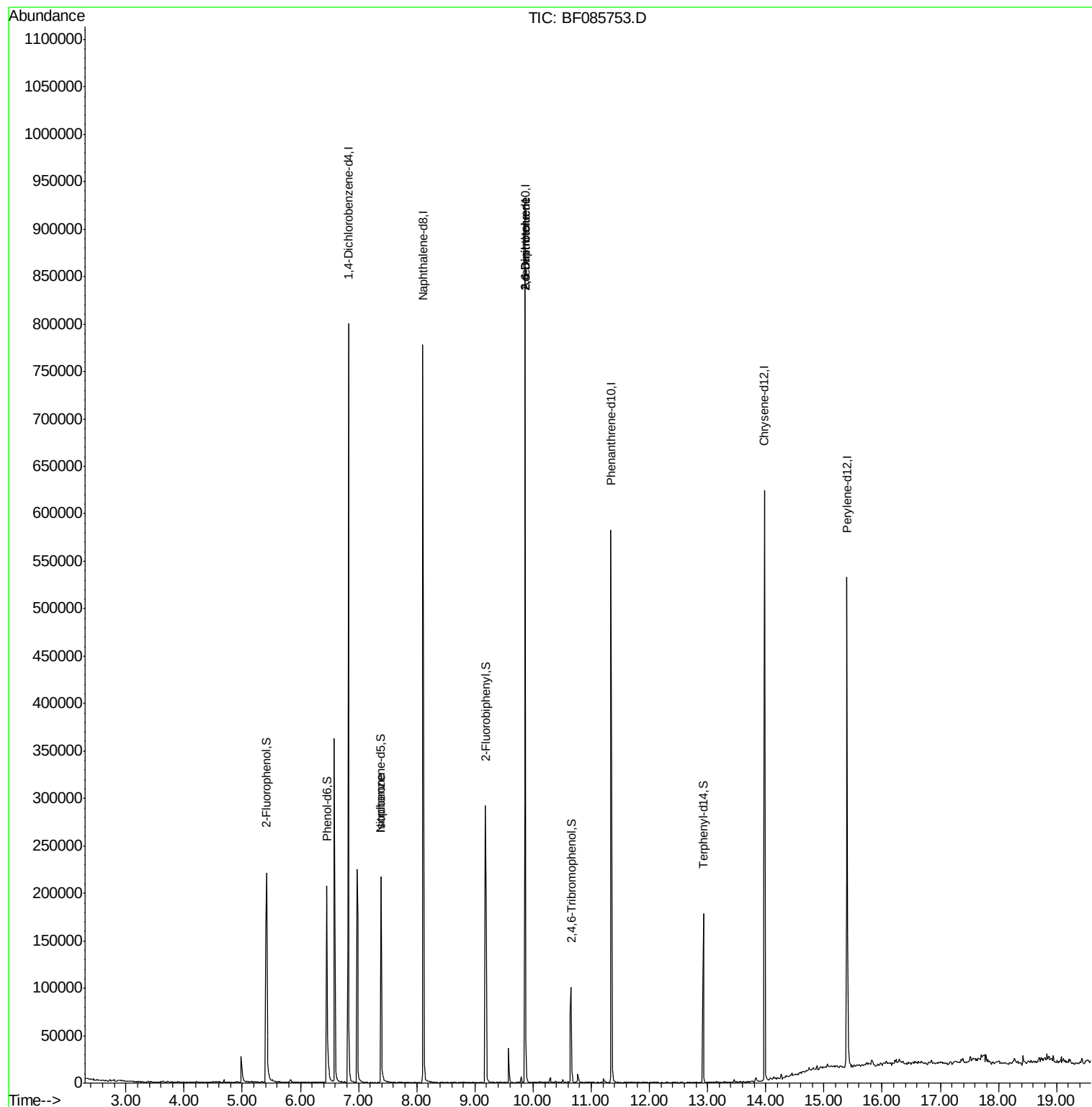
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	118372	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	439718	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	190265	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	268691	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	225660	20.00	ng	0.00
86) Perylene-d12	15.40	264	223929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	102526	14.42	ng	0.01
7) Phenol-d6	6.46	99	131105	14.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	80615	10.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	15283	8.45	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	122988	10.80	ng	-0.01
78) Terphenyl-d14	12.93	244	69918	6.37	ng	0.00
Target Compounds						
25) Isophorone	7.38	82	79944	5.31	ng	# 68
50) 2,6-Dinitrotoluene	9.86	165	23380	7.52	ng	# 19
56) 2,4-Dinitrotoluene	9.86	165	23380	5.92	ng	# 37

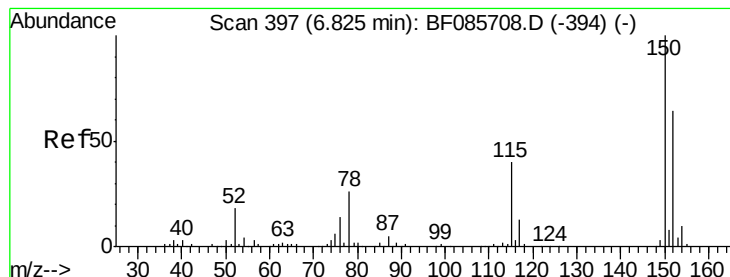
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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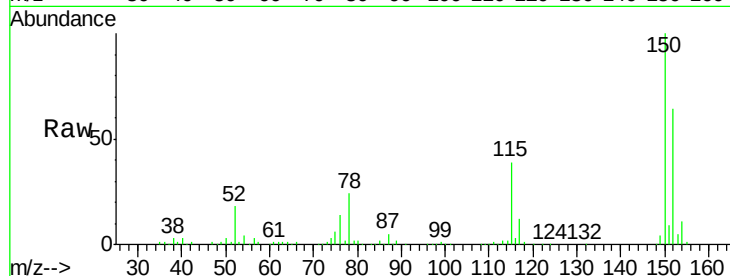


#1

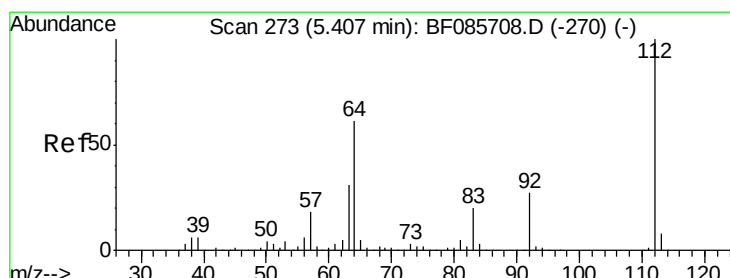
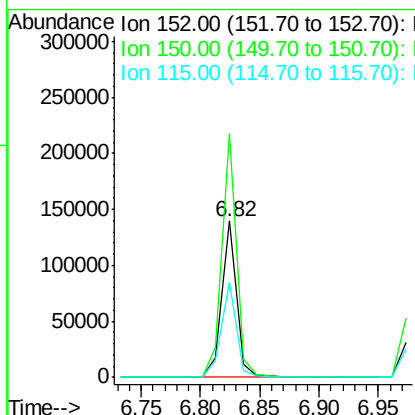
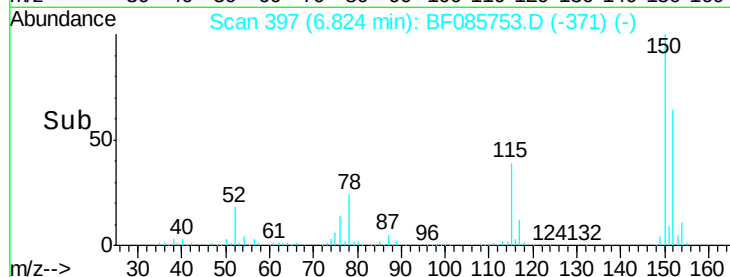
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085753.D
Acq: 25 Mar 2016 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118372
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 60.5 47.0 70.6



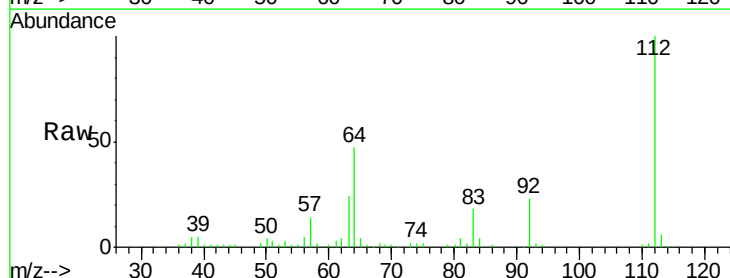
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



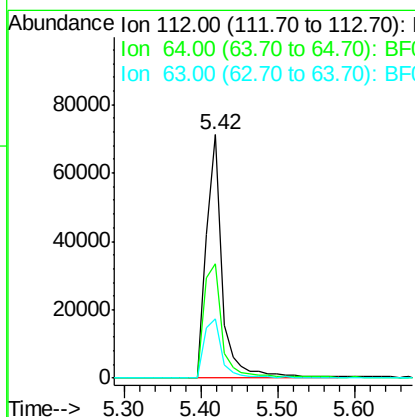
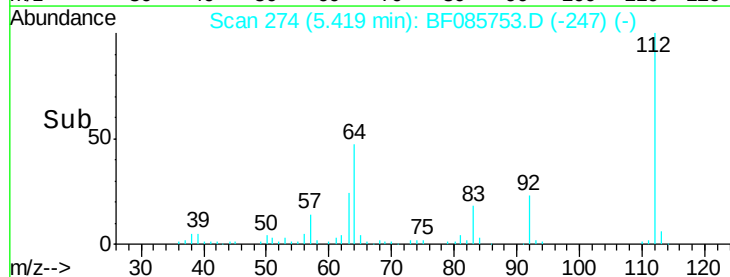
#5

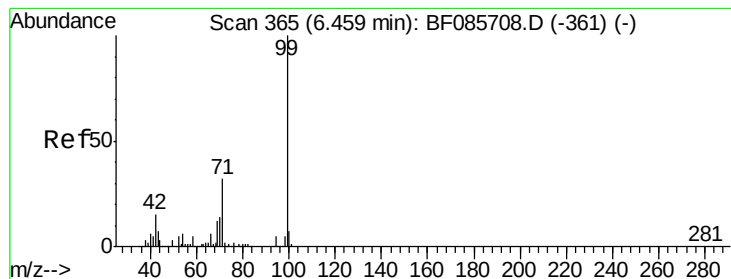
2-Fluorophenol
Concen: 14.42 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085753.D
Acq: 25 Mar 2016 10:22

Tgt Ion:112 Resp: 102526
Ion Ratio Lower Upper
112 100
64 47.1 39.9 59.9
63 24.3 20.2 30.2



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: 14.51 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085753.D

Acq: 25 Mar 2016 10:22

Instrument :

BNA_F

ClientSampled :

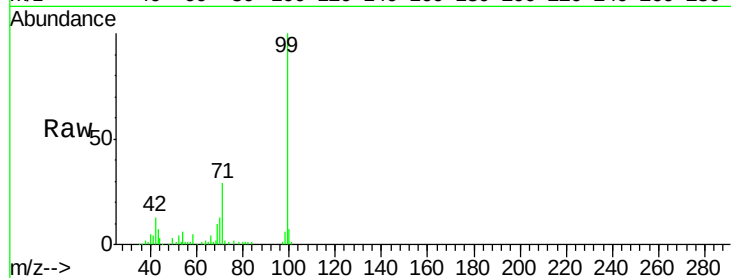
Tot Ion: 99 Resp: 131105

Ion Ratio Lower Upper

99 100

42 13.0 11.1 16.7

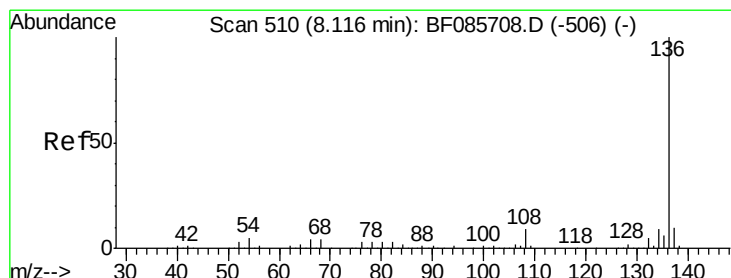
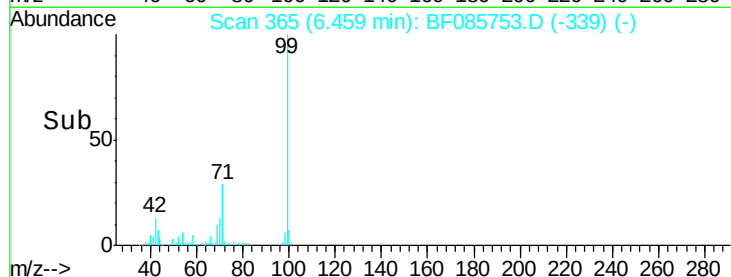
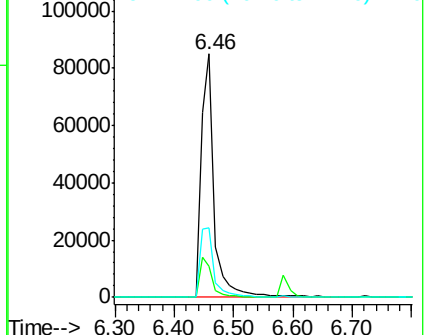
71 28.7 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085753.D

Acq: 25 Mar 2016 10:22

Tgt Ion: 136 Resp: 439718

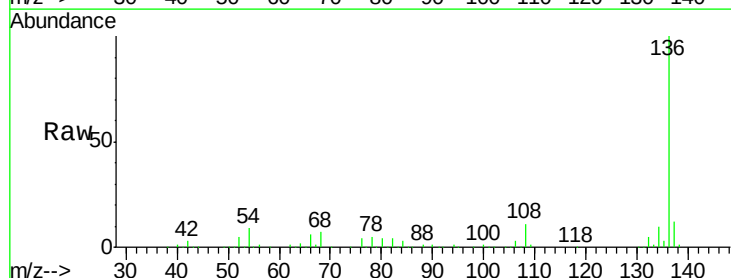
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.1 7.4 11.0

68 7.1 5.8 8.8

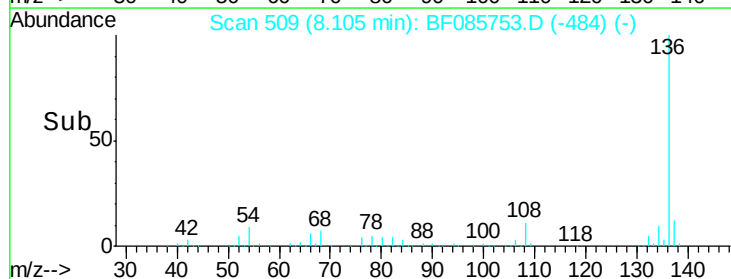
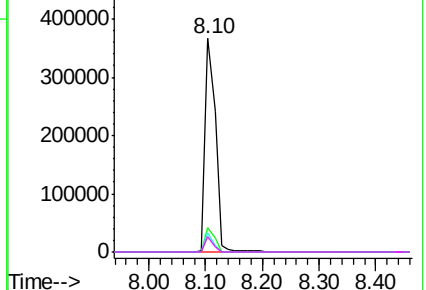


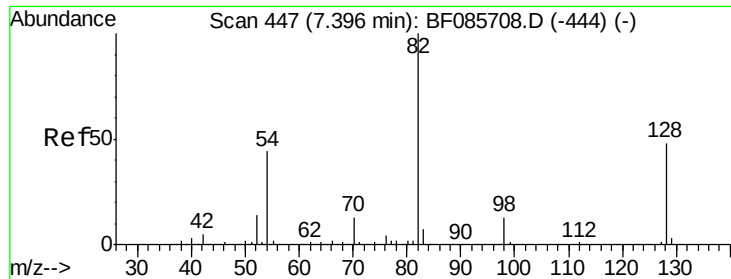
Abundance Ion 136.00 (135.70 to 136.70): E

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

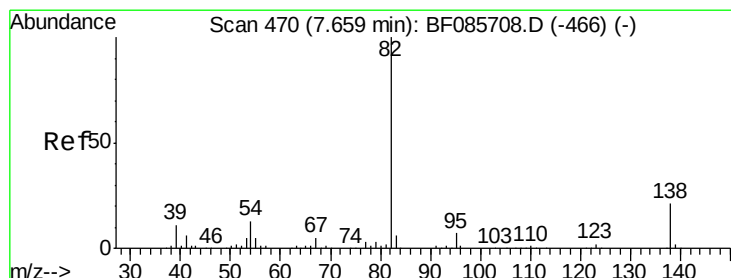
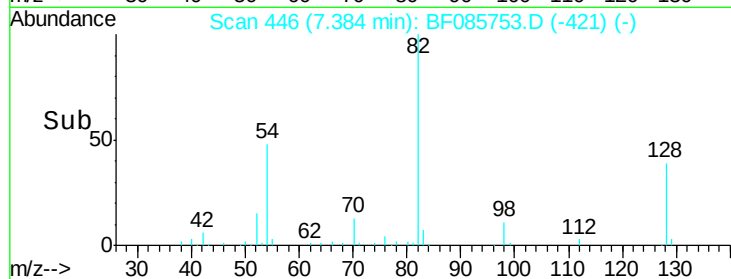
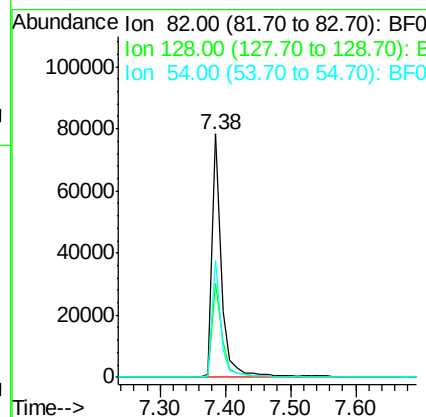
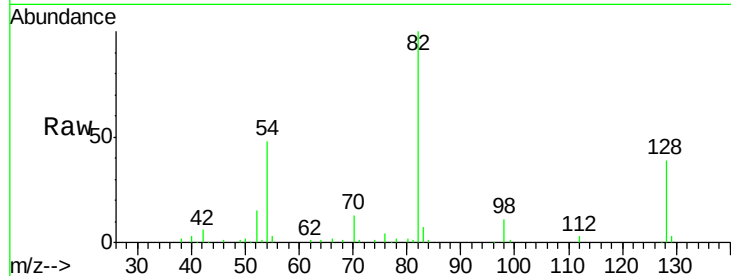




#23
 Nitrobenzene-d5
 Concen: 10.32 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085753.D
 Acq: 25 Mar 2016 10:22

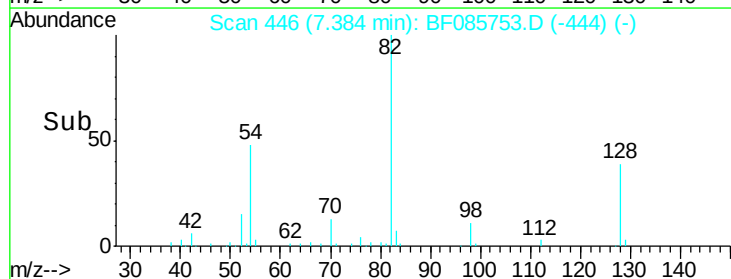
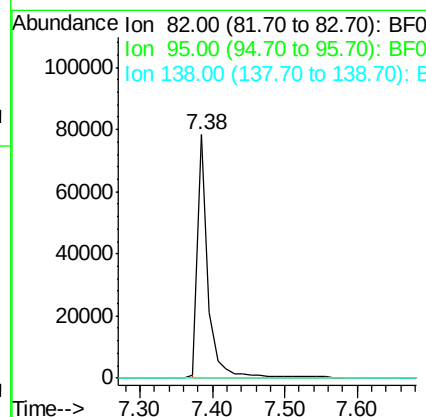
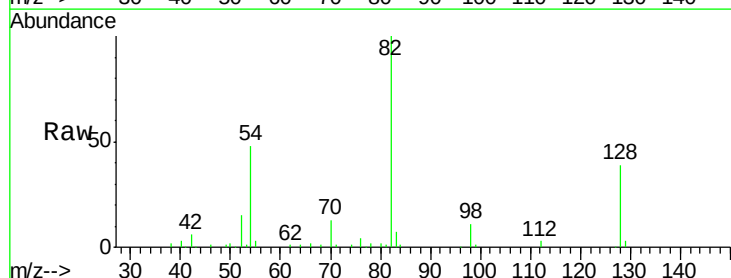
Instrument :
 BNA_F
 ClientSampleID :

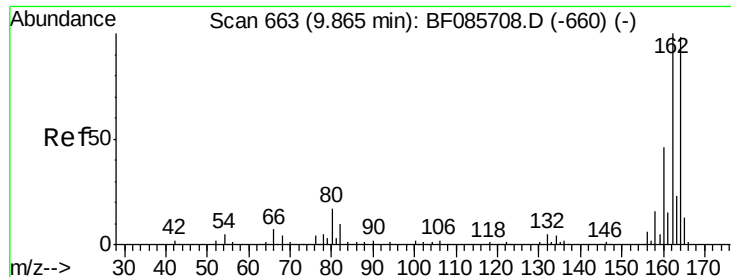
Tot Ion: 82 Resp: 80615
 Ion Ratio Lower Upper
 82 100
 128 38.6 41.8 62.8#
 54 48.3 33.4 50.0



#25
 Isophorone
 Concen: 5.31 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.27 min
 Lab File: BF085753.D
 Acq: 25 Mar 2016 10:22

Tgt Ion: 82 Resp: 79944
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085753.D

Acq: 25 Mar 2016 10:22

Instrument :

BNA_F

ClientSampled :

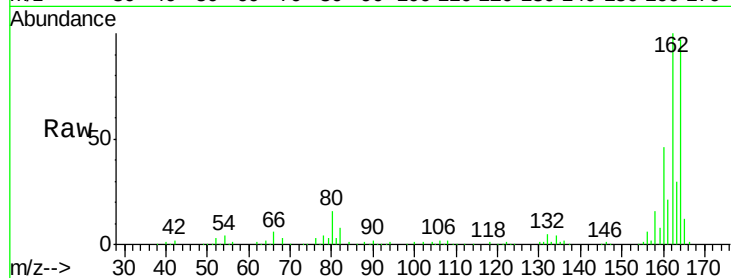
Tot Ion:164 Resp: 190265

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

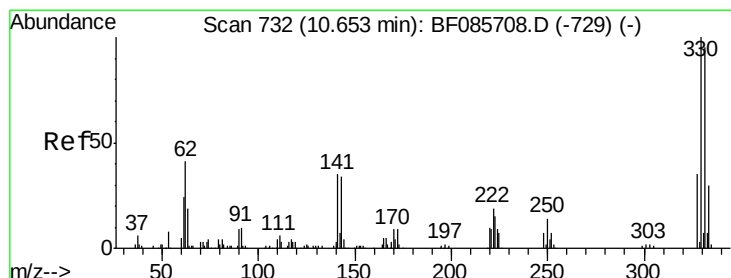
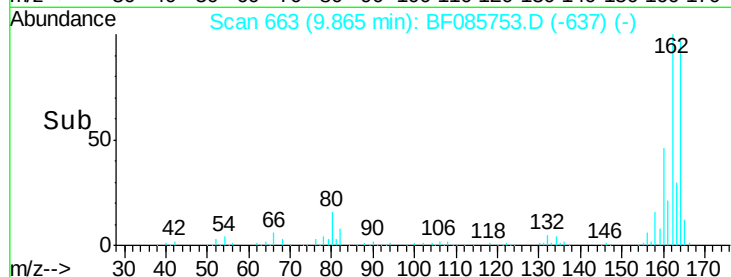
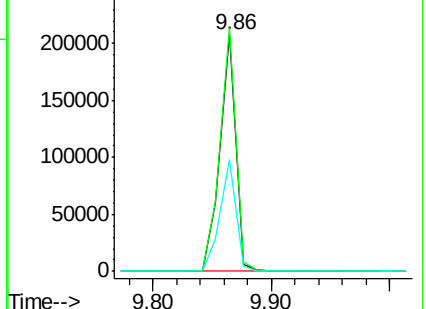
160 47.4 37.4 56.2



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: 8.45 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085753.D

Acq: 25 Mar 2016 10:22

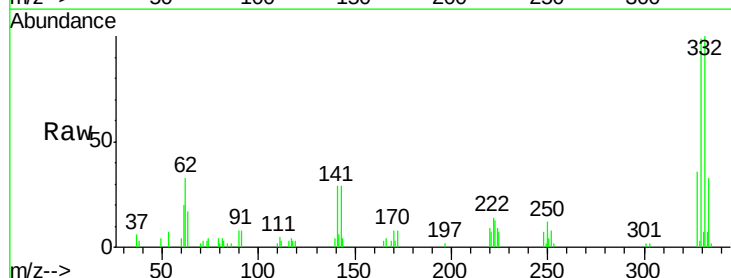
Tgt Ion:330 Resp: 15283

Ion Ratio Lower Upper

330 100

332 100.0 78.2 117.2

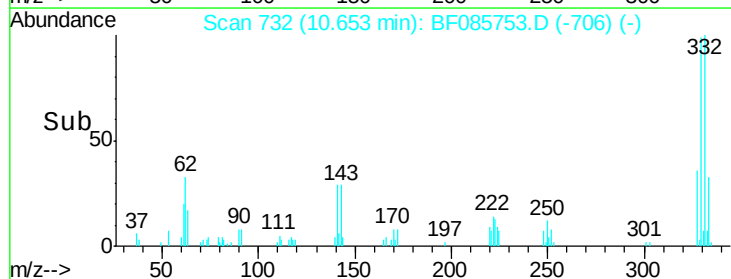
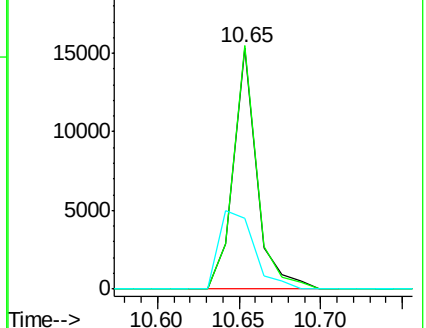
141 48.0 31.5 47.3#

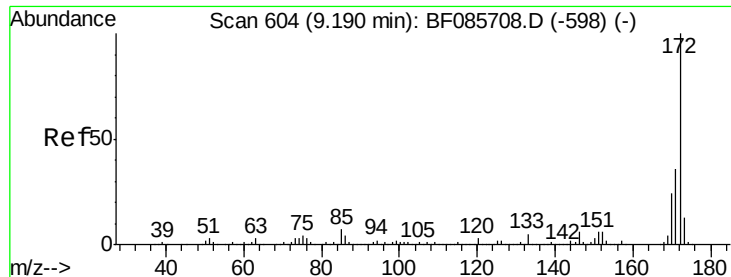


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

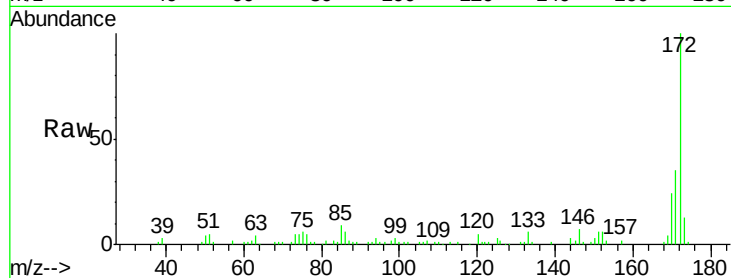




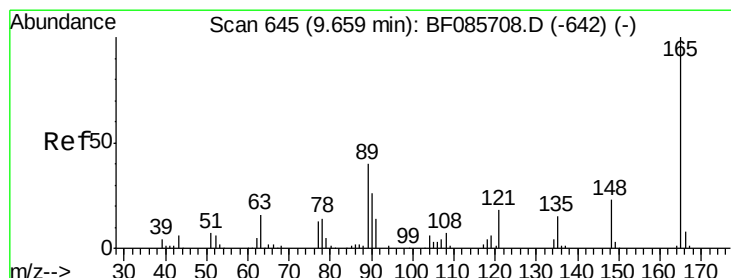
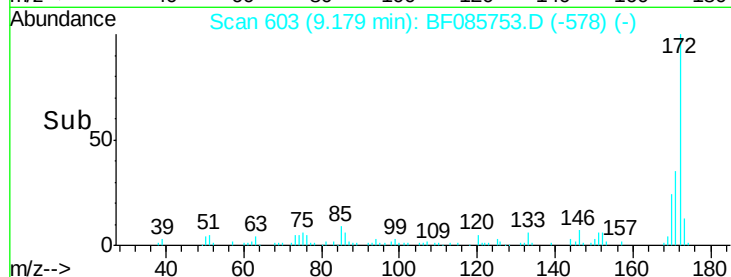
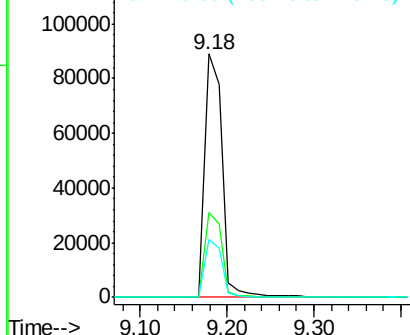
#44
 2-Fluorobiphenyl
 Concen: 10.80 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085753.D
 Acq: 25 Mar 2016 10:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.4	44.2
170	23.6	19.8	29.6

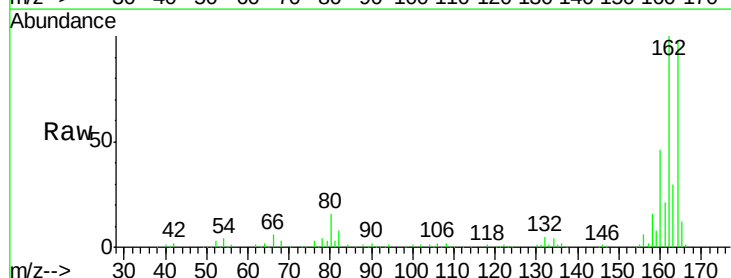


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

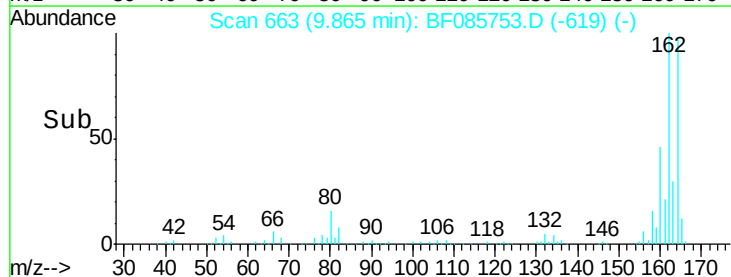
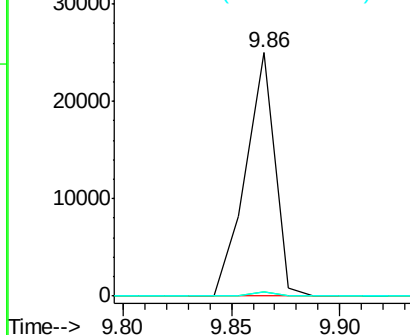


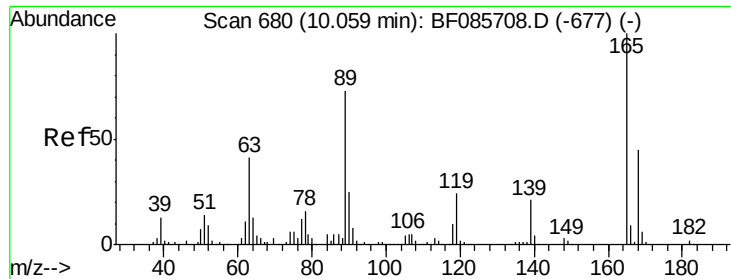
#50
 2,6-Dinitrotoluene
 Concen: 7.52 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.21 min
 Lab File: BF085753.D
 Acq: 25 Mar 2016 10:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.8	77.8#
89	1.7	53.7	80.5#



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

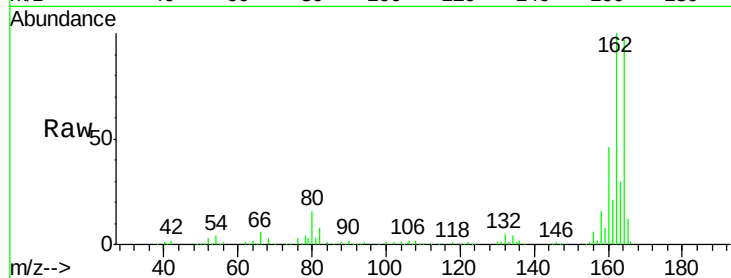




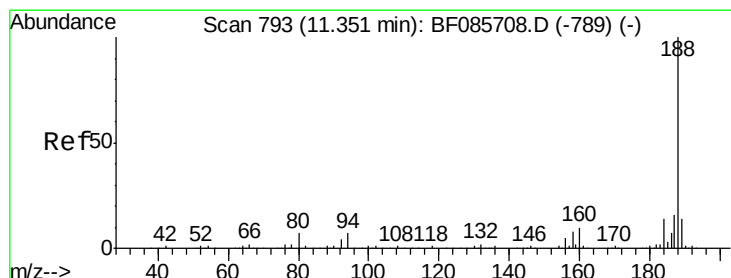
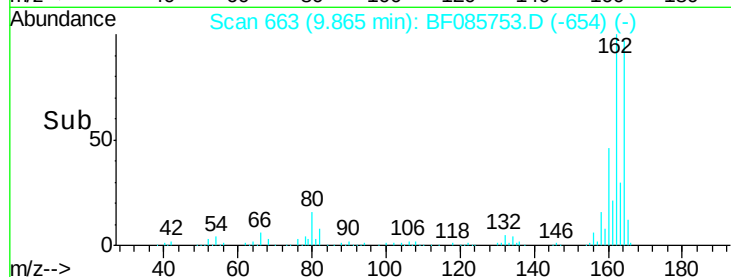
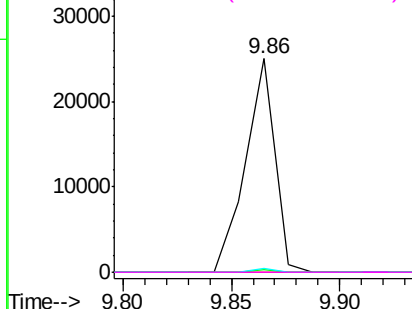
#56
 2,4-Dinitrotoluene
 Concen: 5.92 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF085753.D
 Acq: 25 Mar 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	1.7	41.0	61.6#
182	0.0	2.1	3.1#

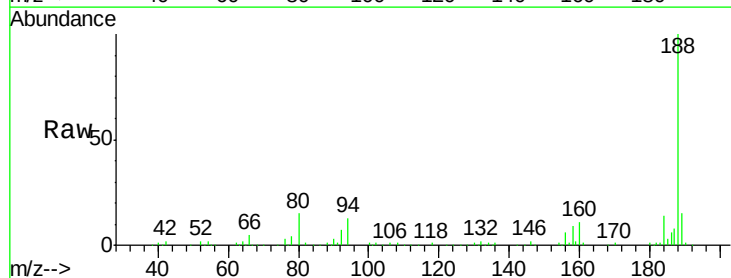


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

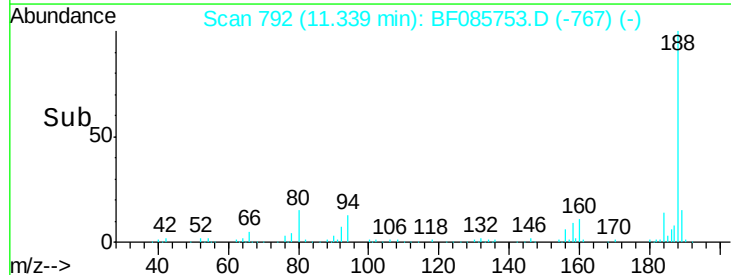
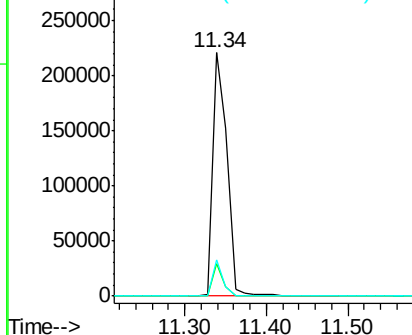


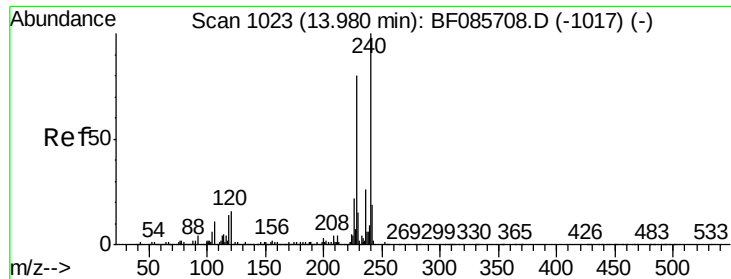
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085753.D
 Acq: 25 Mar 2016 10:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.2	5.4	8.0#
80	14.8	5.5	8.3#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085753.D

Acq: 25 Mar 2016 10:22

Instrument :

BNA_F

ClientSampleId :

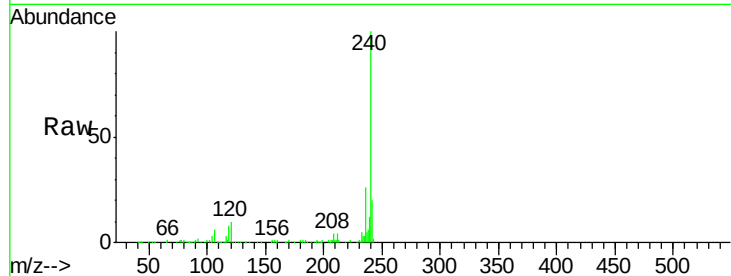
Tot Ion:240 Resp: 225660

Ion Ratio Lower Upper

240 100

120 10.1 13.8 20.8#

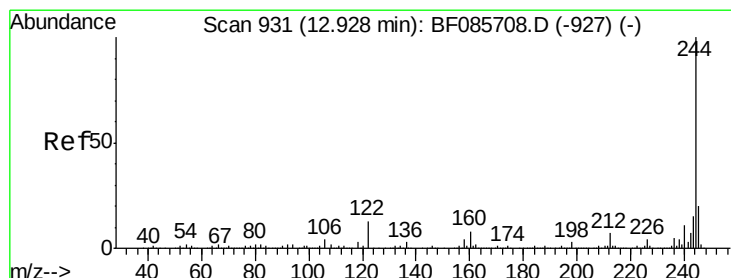
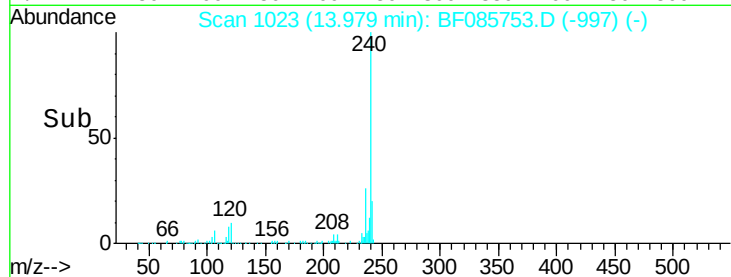
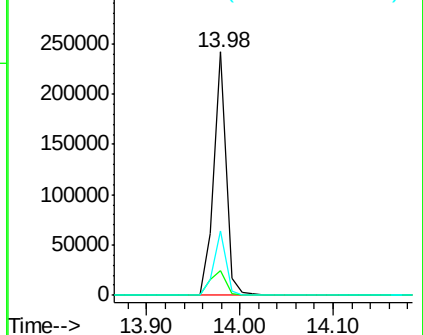
236 26.5 20.6 30.8



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: 6.37 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085753.D

Acq: 25 Mar 2016 10:22

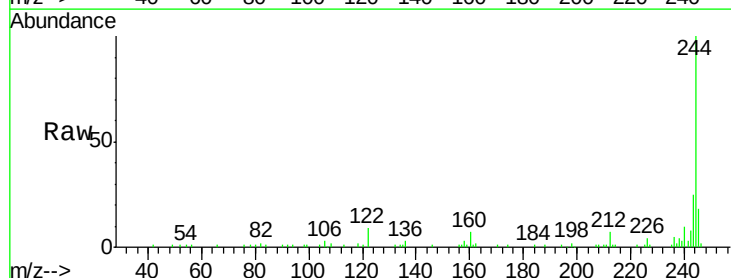
Tgt Ion:244 Resp: 69918

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

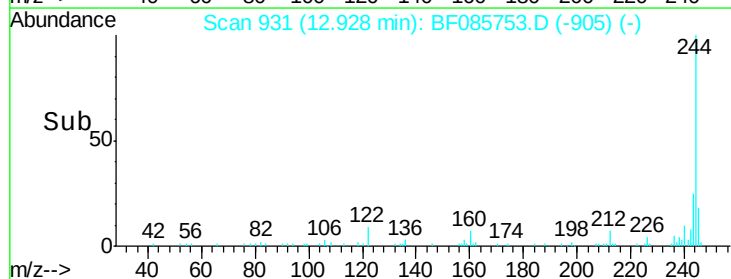
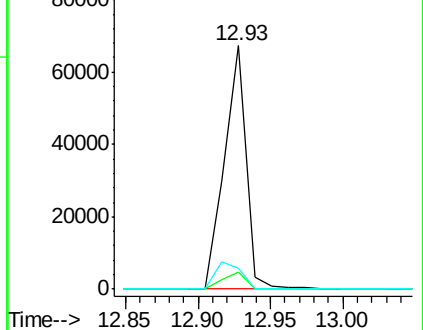
122 8.6 10.2 15.4#

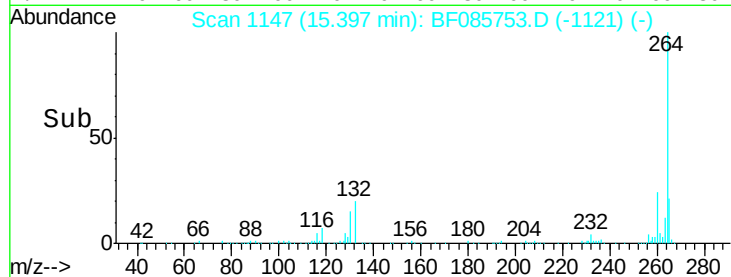
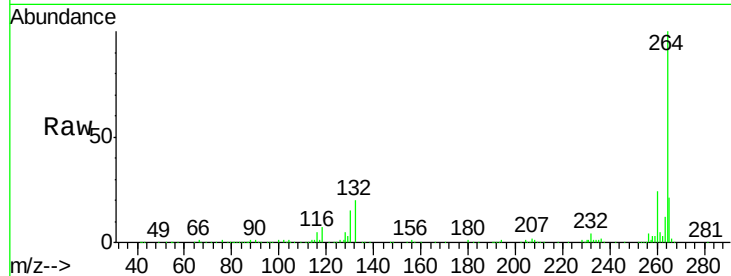
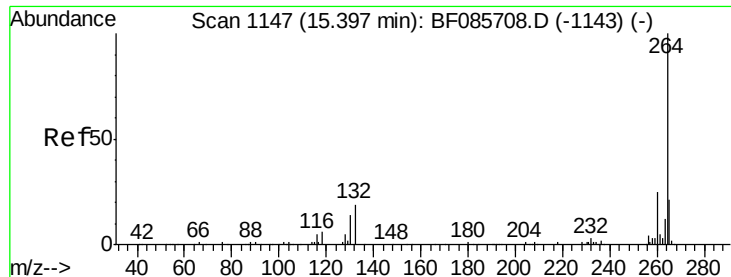


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085753.D
Acq: 25 Mar 2016 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.2	17.2	25.8

