

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085885.D
 Acq On : 30 Mar 2016 14:43
 Operator : UM/SJ
 Sample : PB89280BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BL

Quant Time: Mar 31 00:03:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

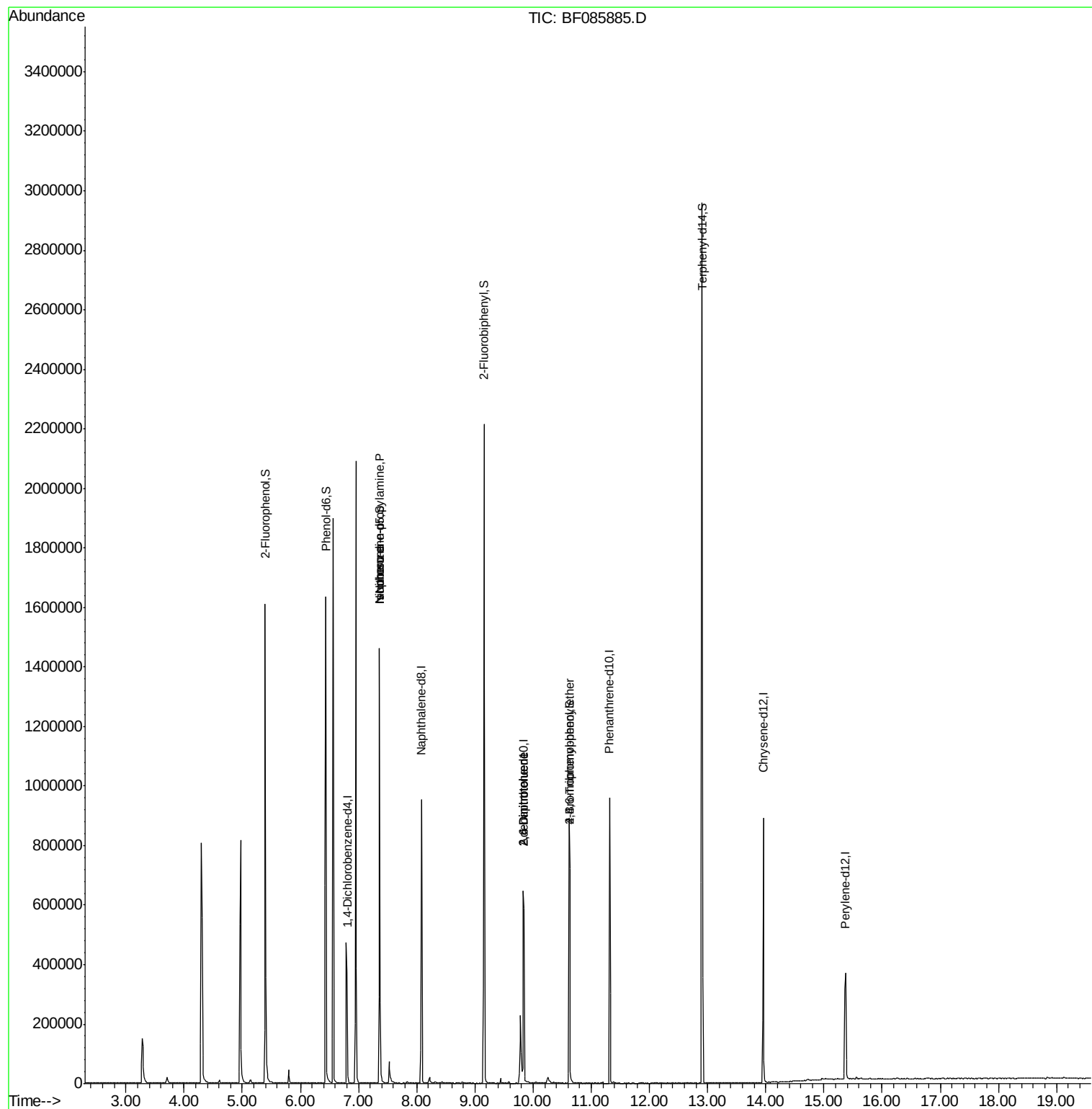
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99951	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	419719	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	184268	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	358556	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	300174	20.00	ng	-0.01
86) Perylene-d12	15.37	264	182981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	484805	80.78	ng	0.00
7) Phenol-d6	6.44	99	665844	87.26	ng	-0.01
23) Nitrobenzene-d5	7.36	82	508740	68.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	153934	87.92	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	941368	85.35	ng	-0.01
78) Terphenyl-d14	12.90	244	911530	62.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	67646	14.81	ng	# 79
25) Isophorone	7.36	82	437964	30.50	ng	# 68
50) 2,6-Dinitrotoluene	9.83	165	22909	7.61	ng	# 18
56) 2,4-Dinitrotoluene	9.83	165	22910	5.99	ng	# 36
66) 4-Bromophenyl-phenylether	10.63	248	9736	2.65	ng	# 1

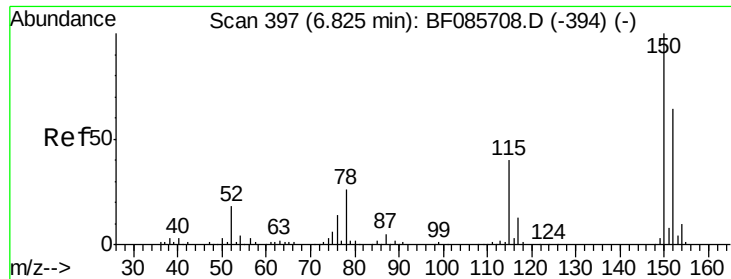
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 30 12:31:18 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085885.D

Acq: 30 Mar 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB89280BL

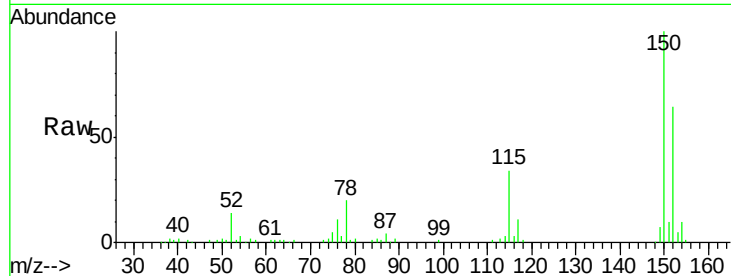
Tgt Ion:152 Resp: 99951

Ion Ratio Lower Upper

152 100

150 156.5 124.2 186.2

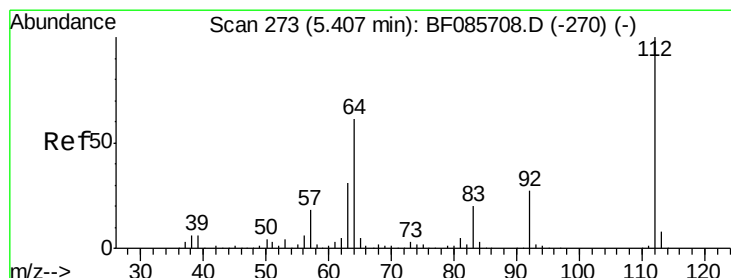
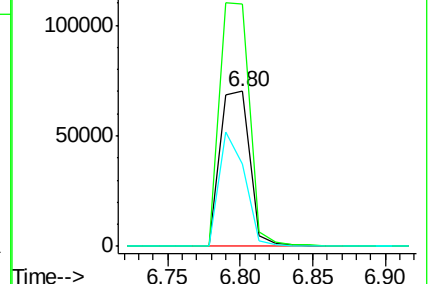
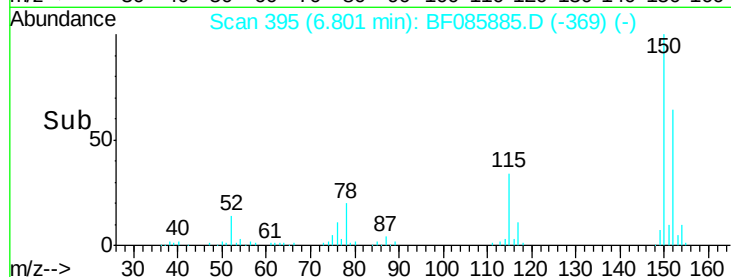
115 53.0 47.0 70.6



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: 80.78 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085885.D

Acq: 30 Mar 2016 14:43

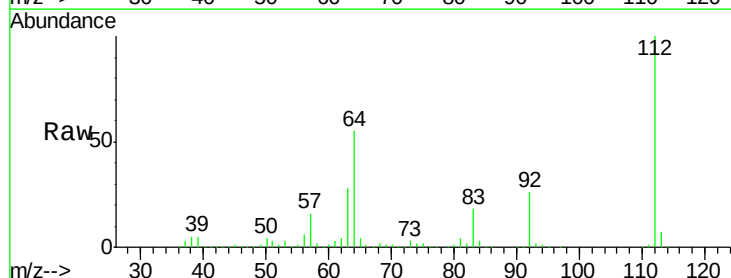
Tgt Ion:112 Resp: 484805

Ion Ratio Lower Upper

112 100

64 55.2 39.9 59.9

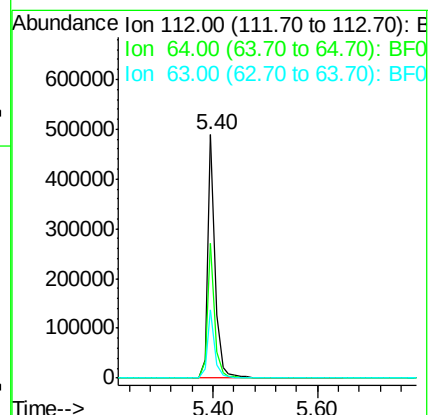
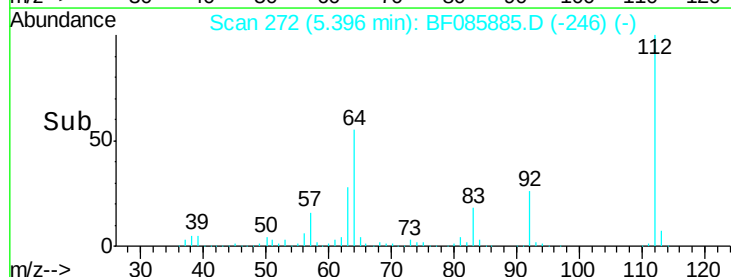
63 28.2 20.2 30.2

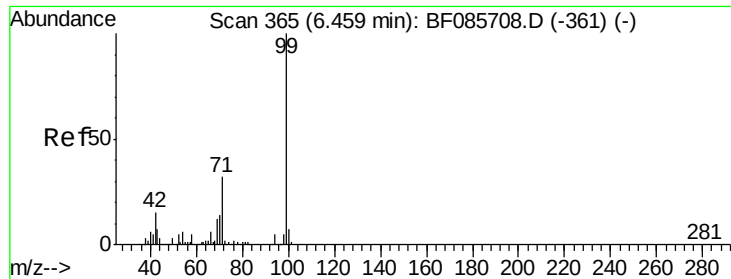


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.26 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085885.D

Acq: 30 Mar 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB89280BL

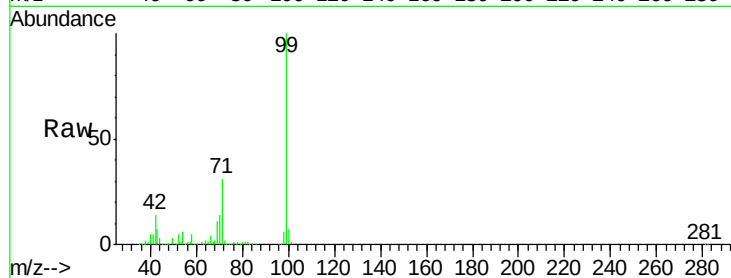
Tgt Ion: 99 Resp: 665844

Ion Ratio Lower Upper

99 100

42 13.7 11.1 16.7

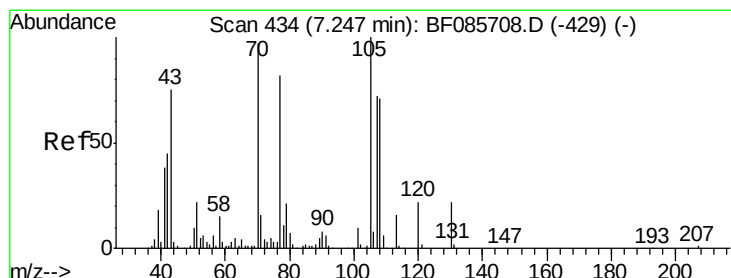
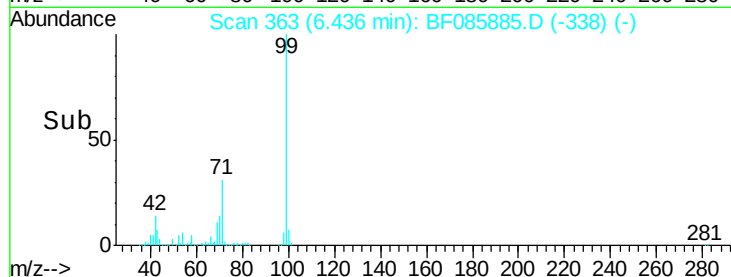
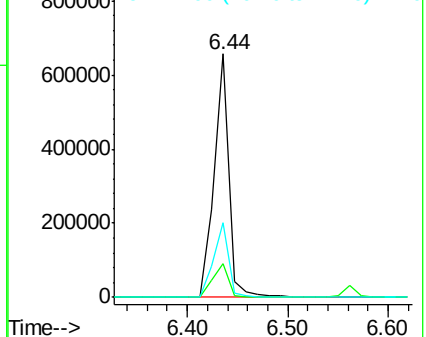
71 30.9 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.81 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085885.D

Acq: 30 Mar 2016 14:43

Tgt Ion: 70 Resp: 67646

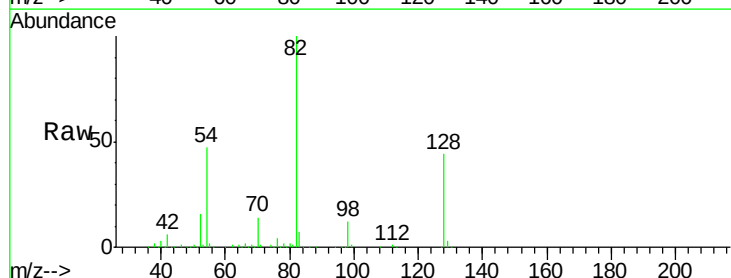
Ion Ratio Lower Upper

70 100

42 41.8 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

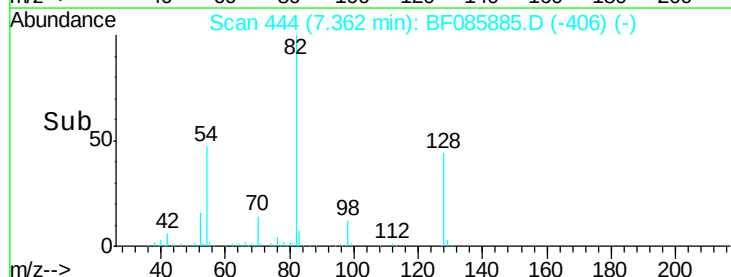
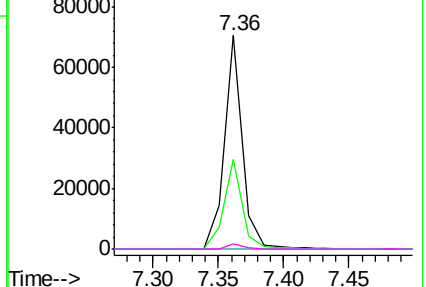


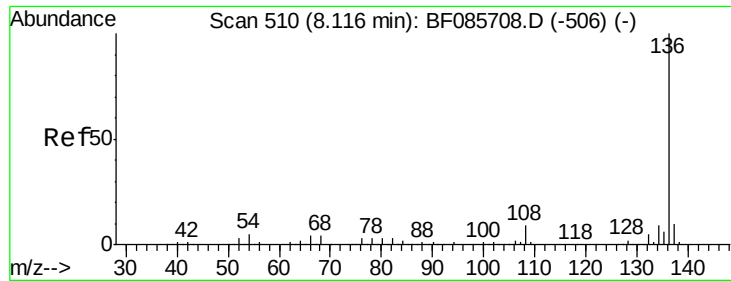
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

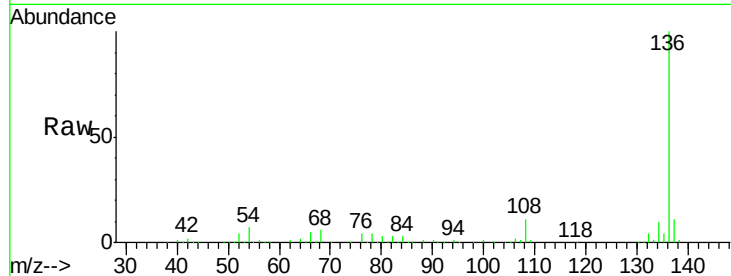




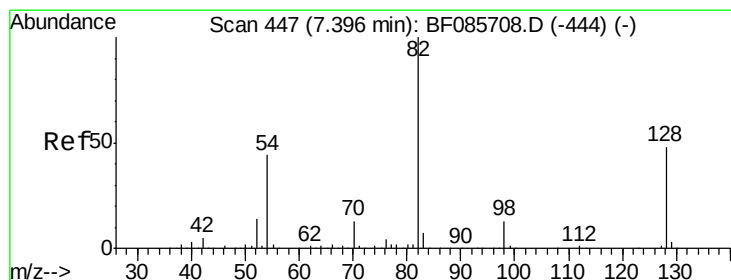
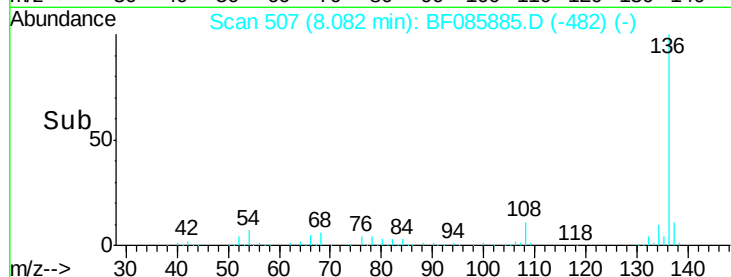
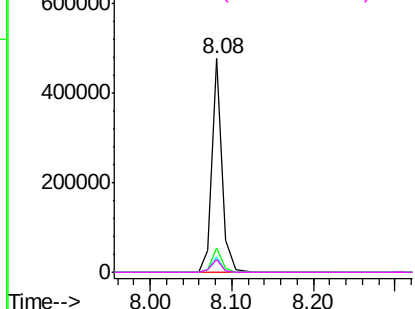
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Tgt Ion:	136	Resp:	419719
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.2	7.4	11.0#
68	5.8	5.8	8.8

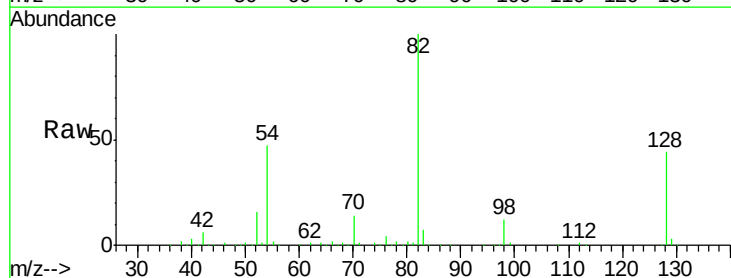


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

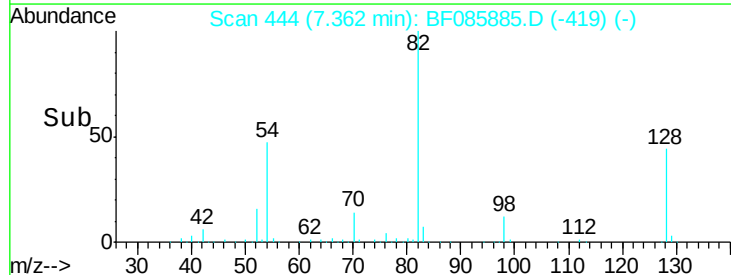
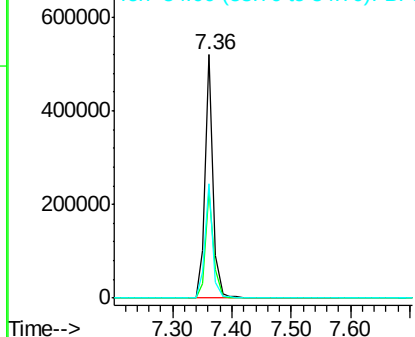


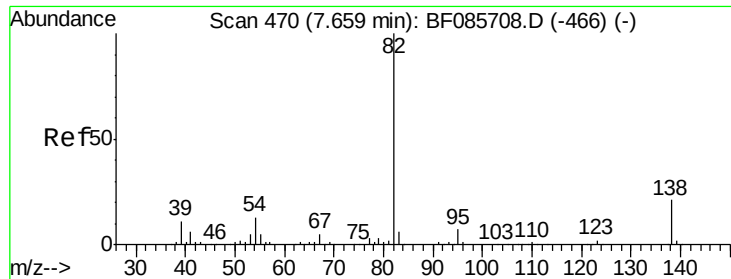
#23
Nitrobenzene-d5
Concen: 68.26 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Tgt Ion:	82	Resp:	508740
Ion	Ratio	Lower	Upper
82	100		
128	43.8	41.8	62.8
54	46.8	33.4	50.0



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





#25

Isophorone

Concen: 30.50 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085885.D

Acq: 30 Mar 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB89280BL

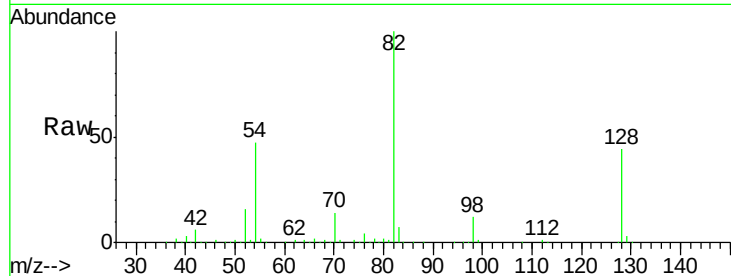
Tgt Ion: 82 Resp: 437964

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

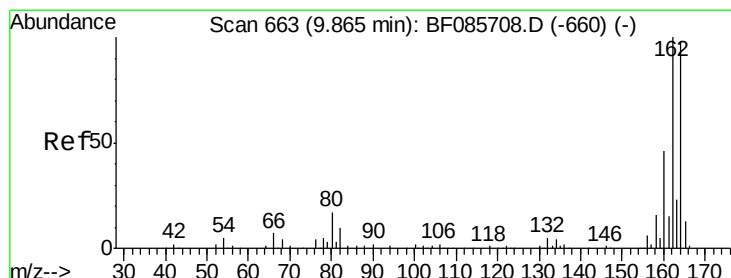
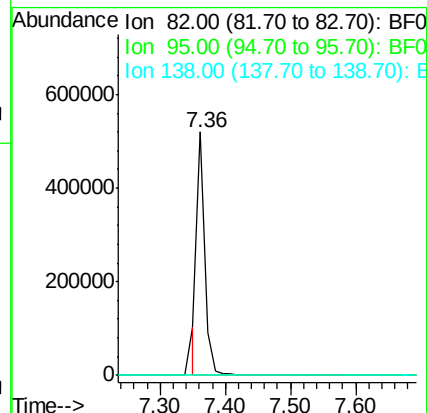
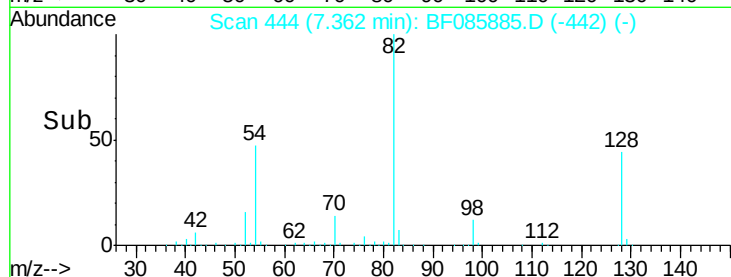
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF085708.D (-466) (-)

Ion 95.00 (94.70 to 95.70): BF085708.D (-466) (-)

Ion 138.00 (137.70 to 138.70): BF085708.D (-466) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085885.D

Acq: 30 Mar 2016 14:43

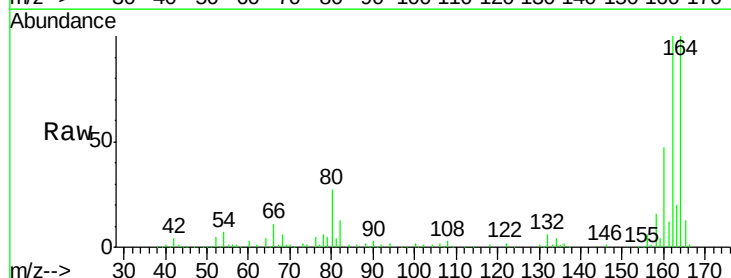
Tgt Ion: 164 Resp: 184268

Ion Ratio Lower Upper

164 100

162 100.4 82.1 123.1

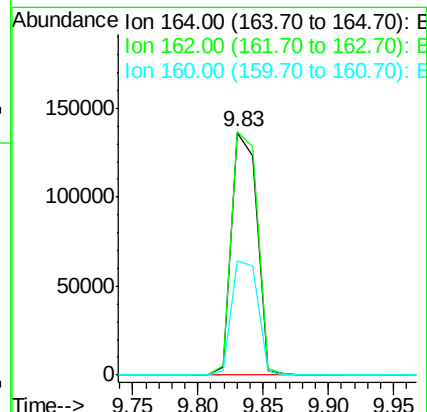
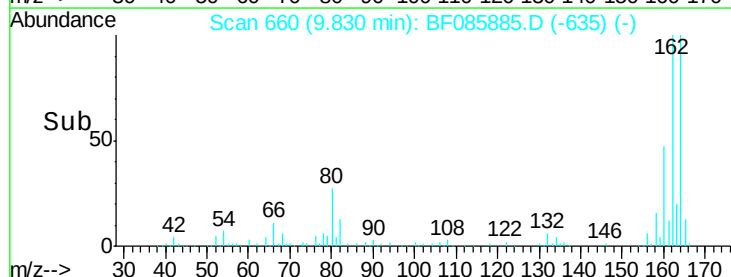
160 47.0 37.4 56.2

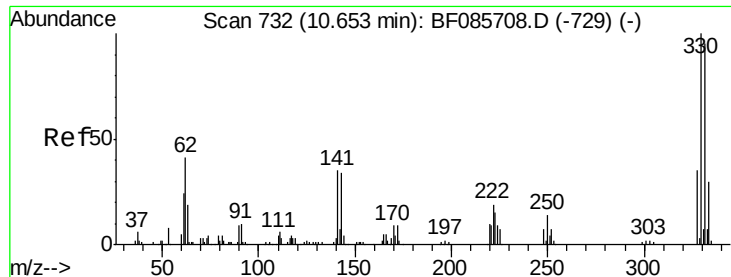


Abundance Ion 164.00 (163.70 to 164.70): BF085708.D (-660) (-)

Ion 162.00 (161.70 to 162.70): BF085708.D (-660) (-)

Ion 160.00 (159.70 to 160.70): BF085708.D (-660) (-)

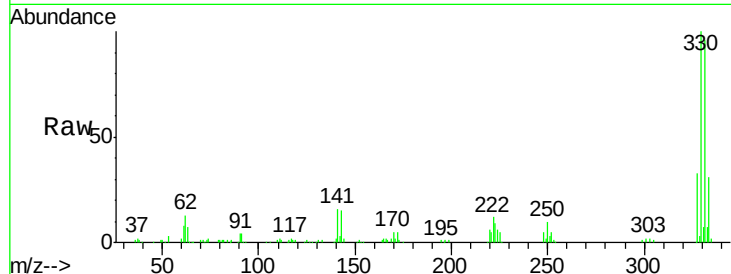




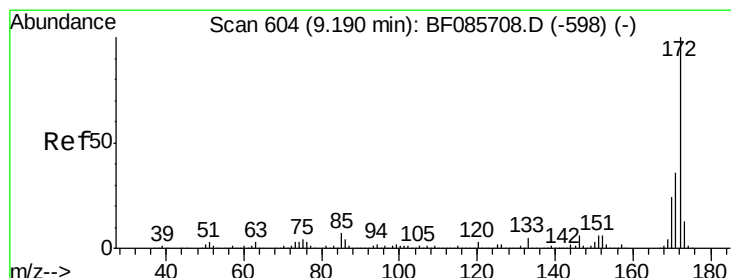
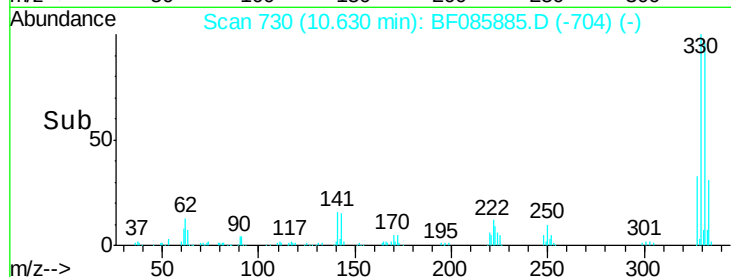
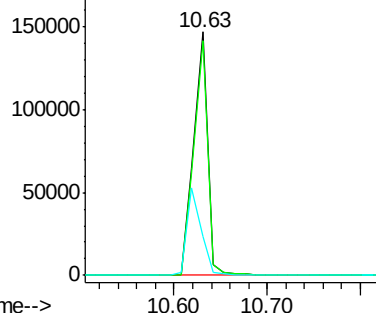
#41
 2,4,6-Tribromophenol
 Concen: 87.92 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085885.D
 Acq: 30 Mar 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.2	117.2
141	36.5	31.5	47.3

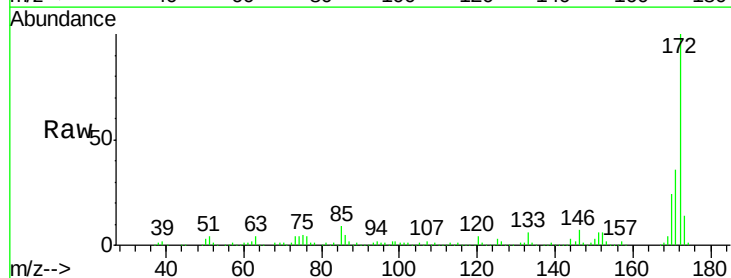


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

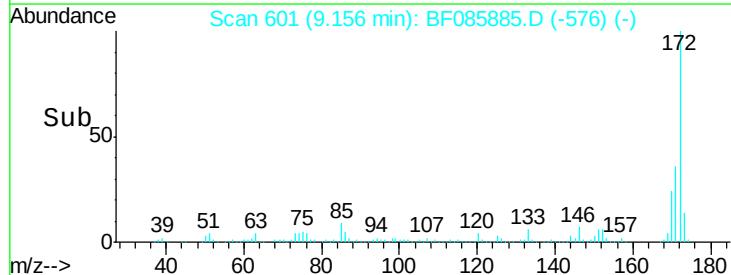
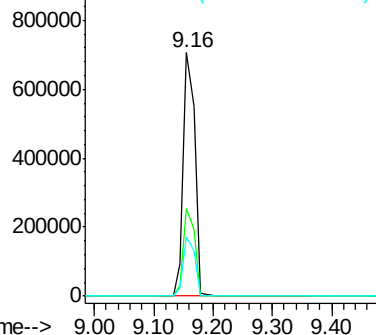


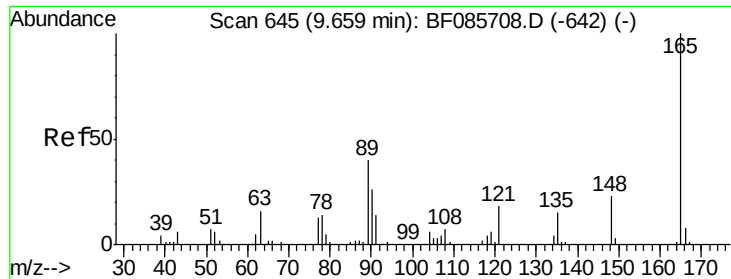
#44
 2-Fluorobiphenyl
 Concen: 85.35 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085885.D
 Acq: 30 Mar 2016 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.2
170	24.4	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

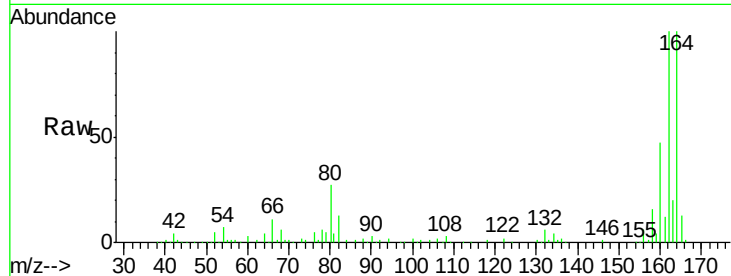




#50
 2,6-Dinitrotoluene
 Concen: 7.61 ng
 RT: 9.83 min Scan# 660
 Delta R.T. 0.19 min
 Lab File: BF085885.D
 Acq: 30 Mar 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BL

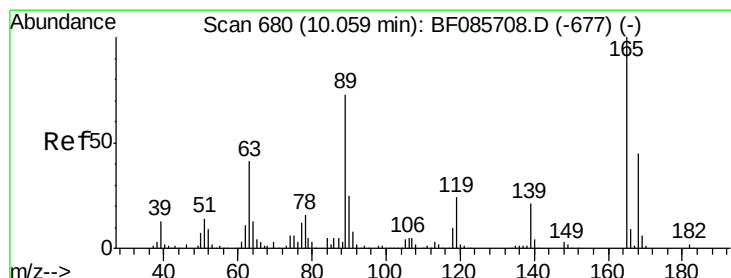
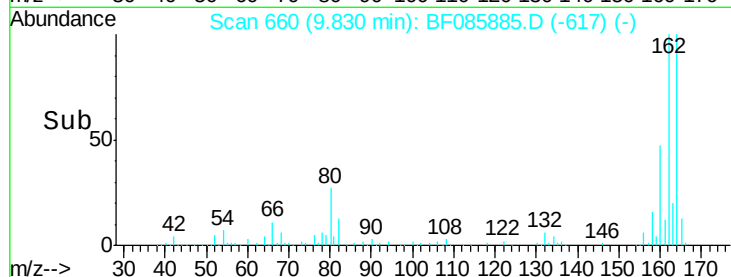
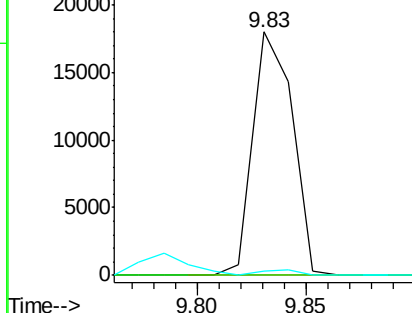
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.8#
89	1.8	53.7	80.5#



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: 5.99 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085885.D
 Acq: 30 Mar 2016 14:43

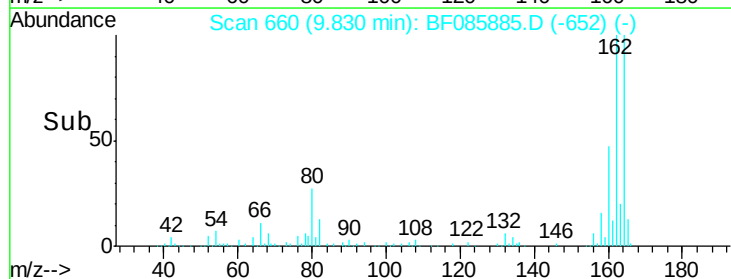
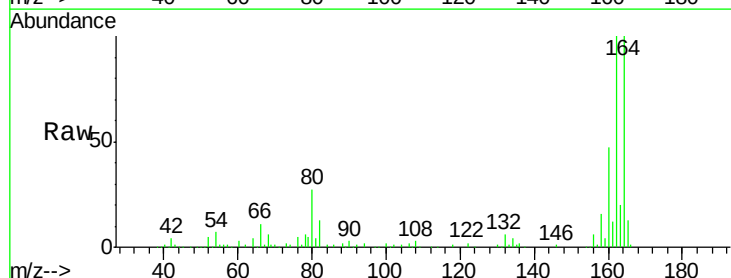
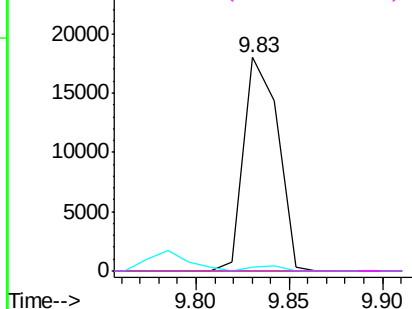
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	1.8	41.0	61.6#
182	0.0	2.1	3.1#

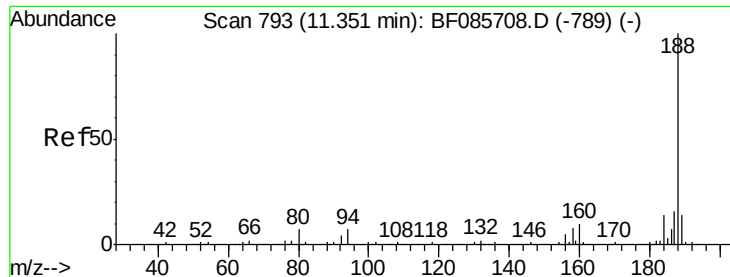
Abundance Ion 165.00 (164.70 to 165.70): E

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

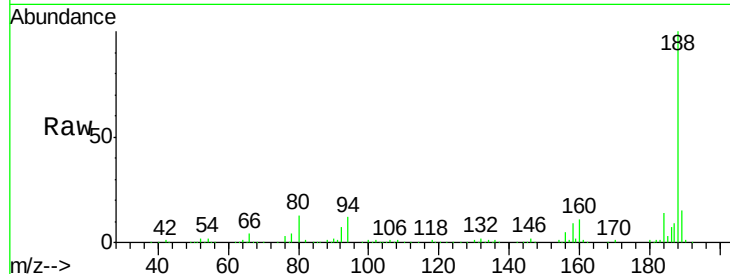




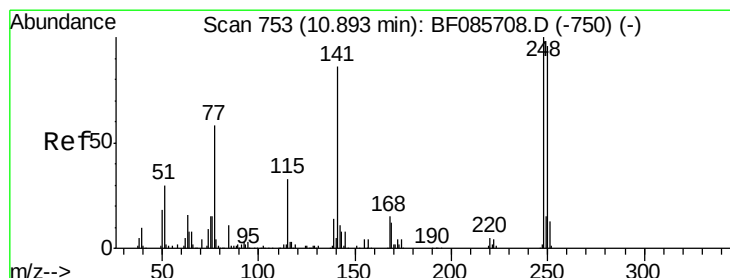
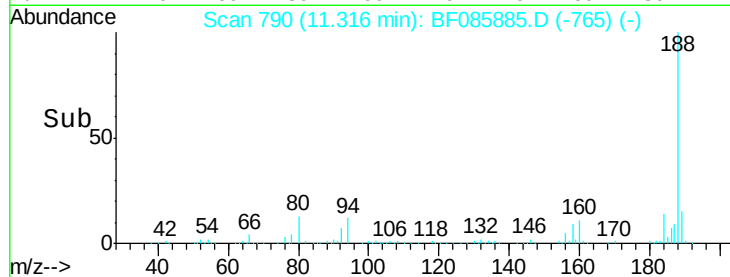
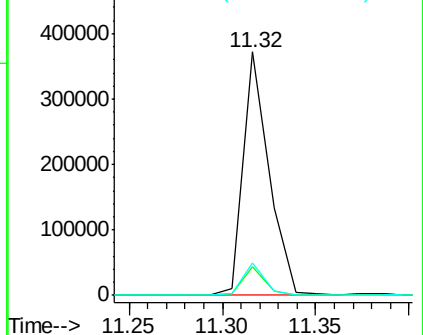
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085885.D
 Acq: 30 Mar 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BL

Tgt Ion:188 Resp: 358556
 Ion Ratio Lower Upper
 188 100
 94 11.8 5.4 8.0#
 80 13.1 5.5 8.3#

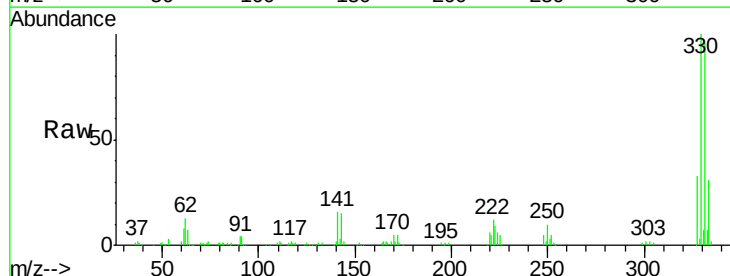


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

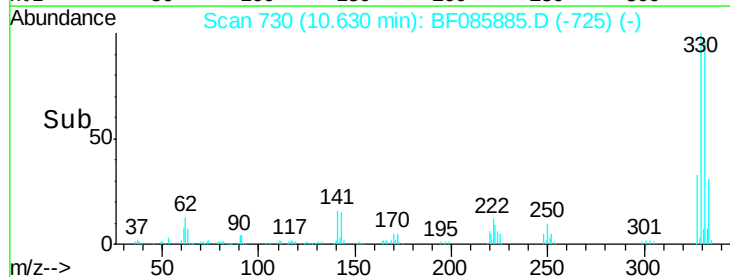
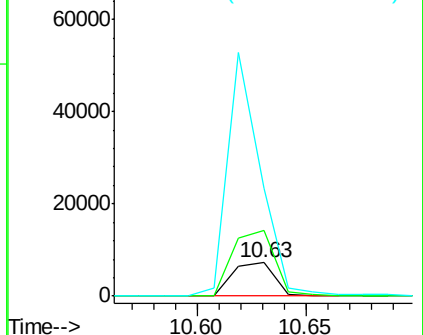


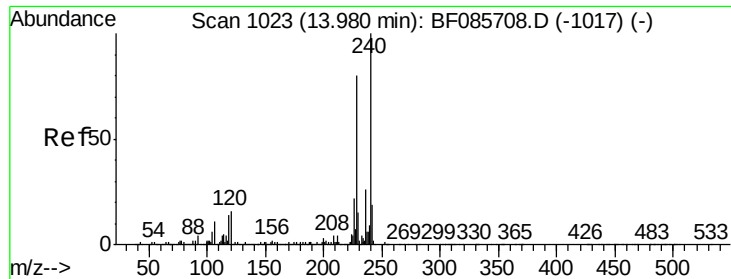
#66
 4-Bromophenyl-phenylether
 Concen: 2.65 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.24 min
 Lab File: BF085885.D
 Acq: 30 Mar 2016 14:43

Tgt Ion:248 Resp: 9736
 Ion Ratio Lower Upper
 248 100
 250 194.1 77.4 116.0#
 141 322.6 63.6 95.4#



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: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085885.D

Acq: 30 Mar 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB89280BL

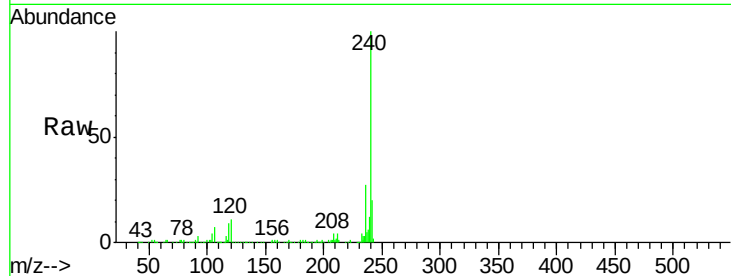
Tgt Ion:240 Resp: 300174

Ion Ratio Lower Upper

240 100

120 10.7 13.8 20.8#

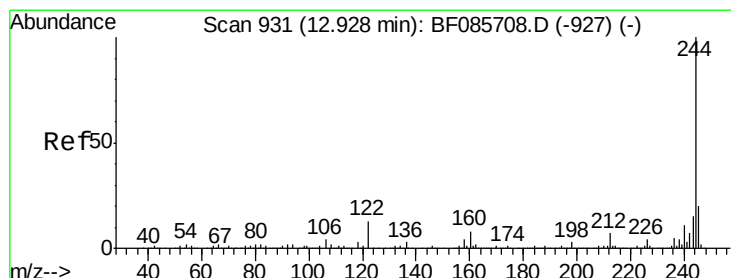
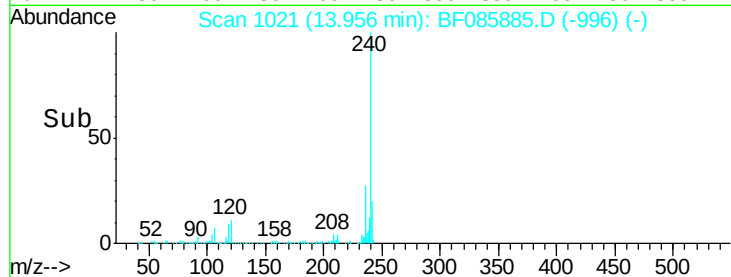
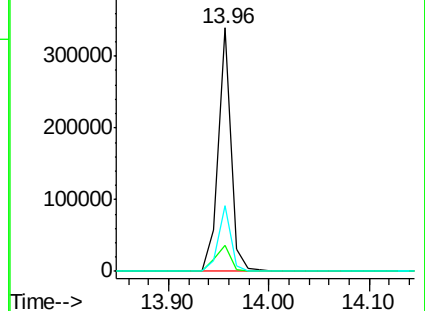
236 26.7 20.6 30.8



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: 62.45 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085885.D

Acq: 30 Mar 2016 14:43

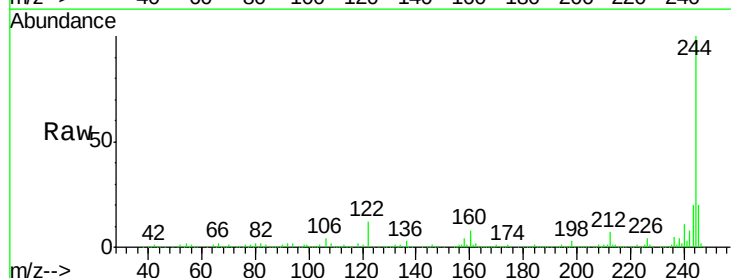
Tgt Ion:244 Resp: 911530

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

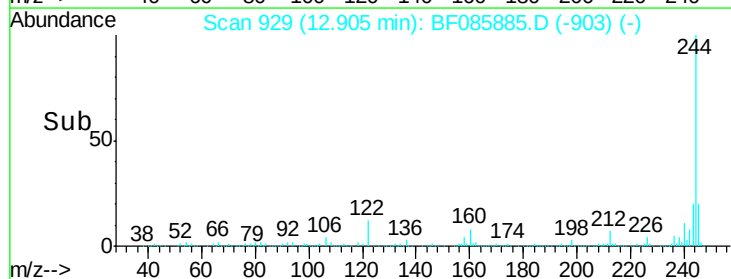
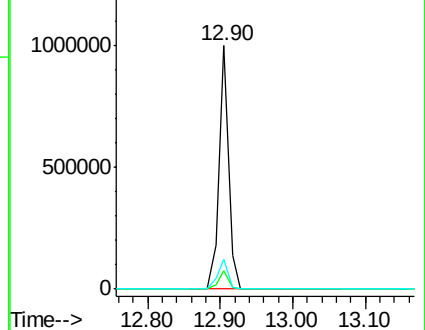
122 12.4 10.2 15.4

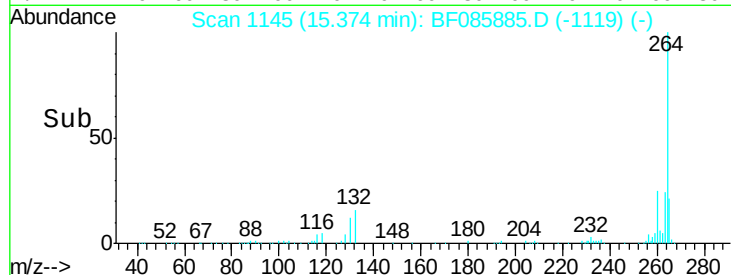
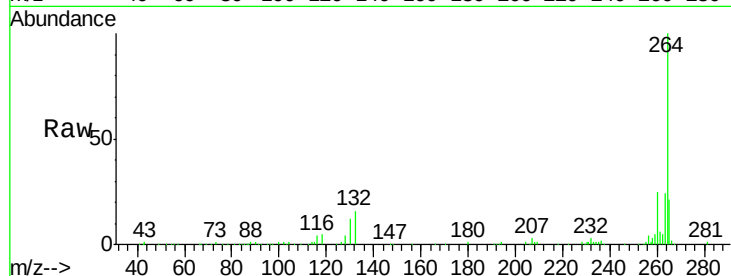
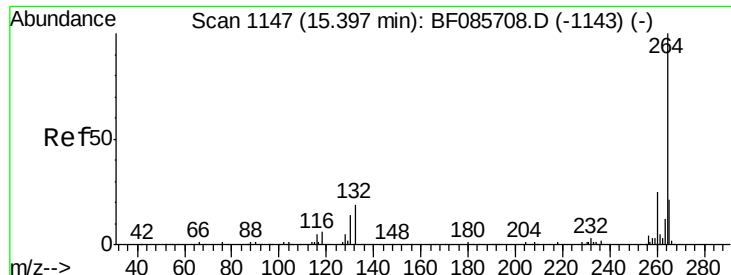


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Tgt Ion:	264	Resp:	182981
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.4	29.2
265	21.1	17.2	25.8

