

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085558.D
 Acq On : 19 Mar 2016 7:03
 Operator : UM/SJ
 Sample : H1788-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Quant Time: Mar 21 00:08:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

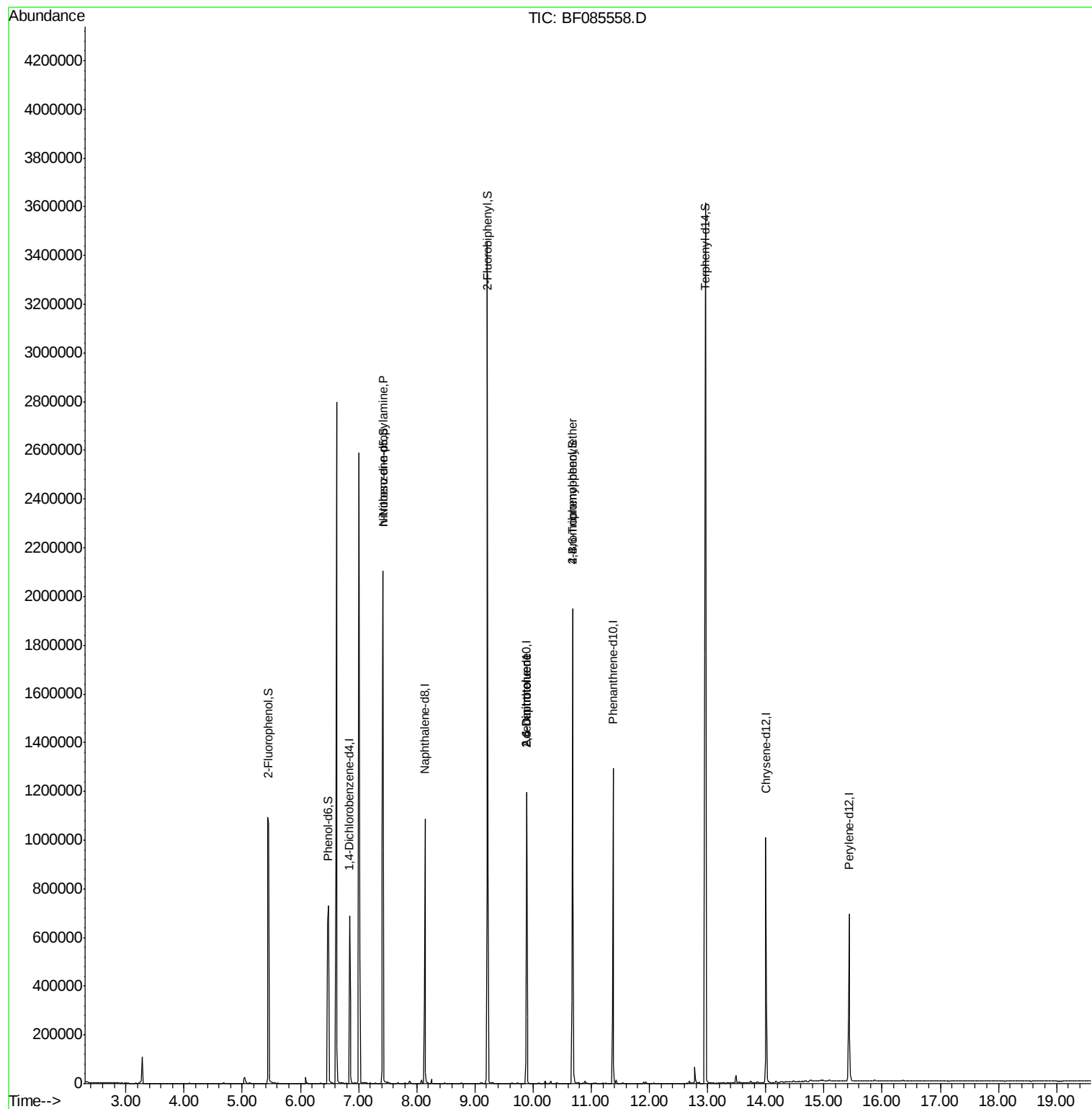
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	119843	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	520819	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	231288	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	452376	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	351406	20.00	ng	-0.01
86) Perylene-d12	15.43	264	295516	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	495368	69.43	ng	0.00
7) Phenol-d6	6.48	99	402860	44.02	ng	-0.01
23) Nitrobenzene-d5	7.42	82	791603	88.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	312676	138.01	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1212581	91.06	ng	-0.01
78) Terphenyl-d14	12.96	244	1282441	87.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	105260	19.26	ng	# 77
50) 2,6-Dinitrotoluene	9.89	165	29500	8.01	ng	# 19
56) 2,4-Dinitrotoluene	9.89	165	29502	6.12	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	19007	4.21	ng	# 1

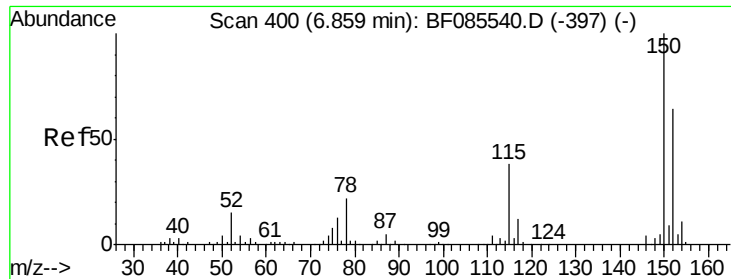
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085558.D

Acq: 19 Mar 2016 7:03

Instrument :

BNA_F

ClientSampleId :

TW-5

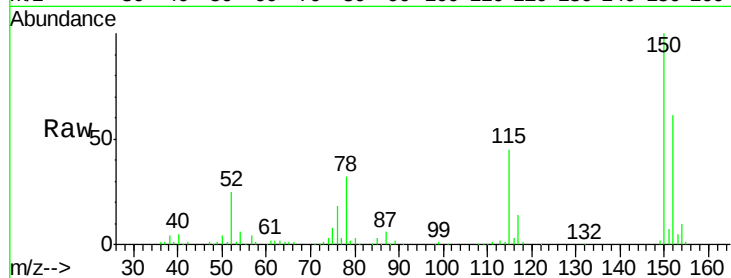
Tgt Ion:152 Resp: 119843

Ion Ratio Lower Upper

152 100

150 163.1 124.2 186.2

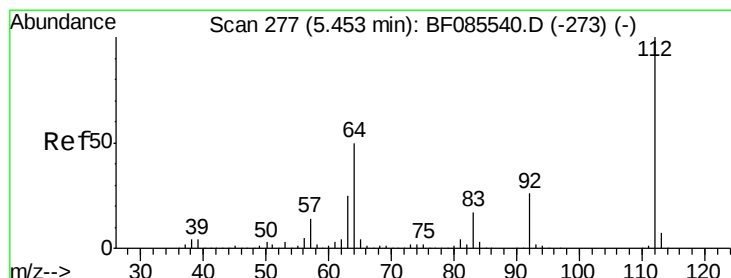
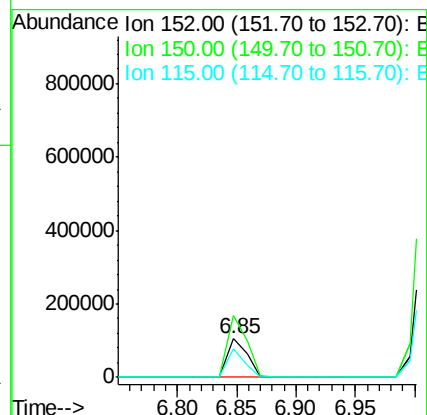
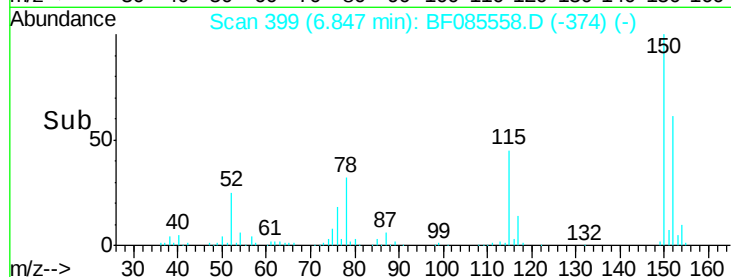
115 73.6 47.0 70.6#



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: 69.43 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085558.D

Acq: 19 Mar 2016 7:03

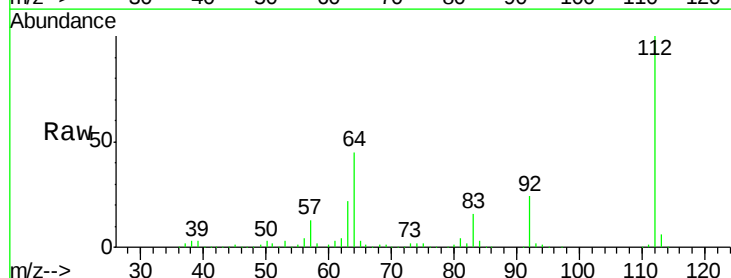
Tgt Ion:112 Resp: 495368

Ion Ratio Lower Upper

112 100

64 44.6 39.9 59.9

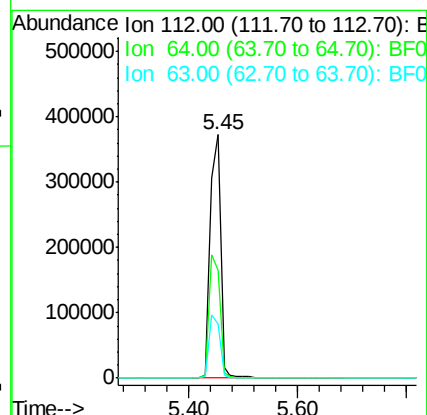
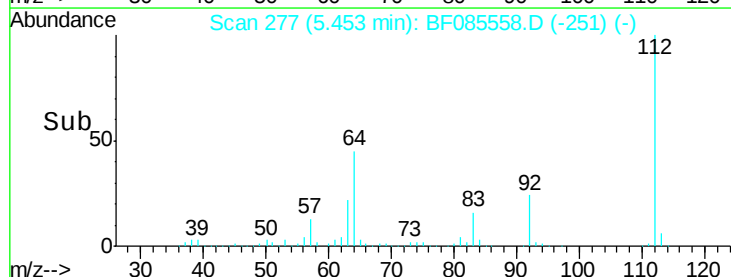
63 22.2 20.2 30.2

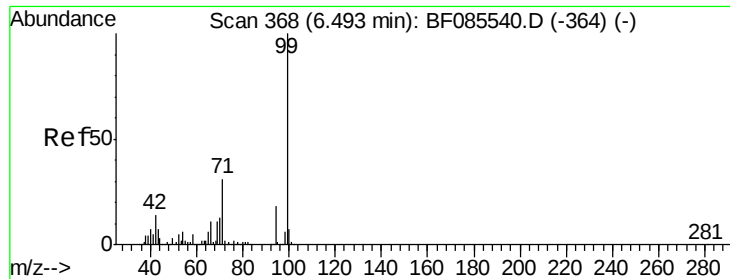


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.02 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085558.D

Acq: 19 Mar 2016 7:03

Instrument :

BNA_F

ClientSampleId :

TW-5

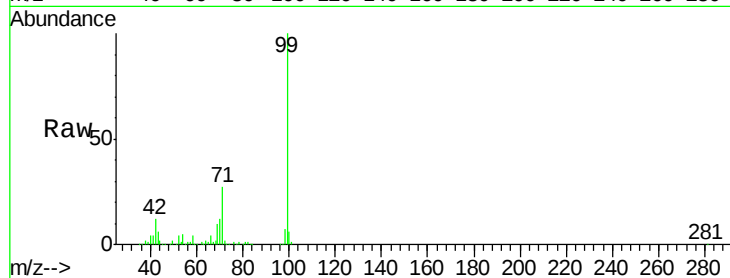
Tgt Ion: 99 Resp: 402860

Ion Ratio Lower Upper

99 100

42 11.6 11.1 16.7

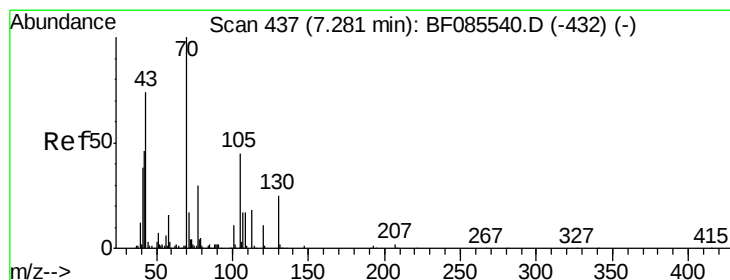
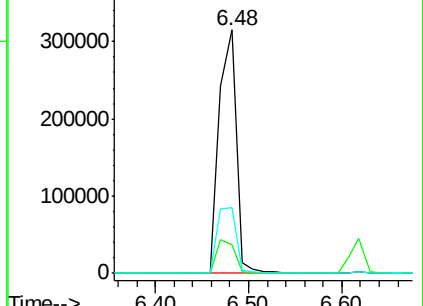
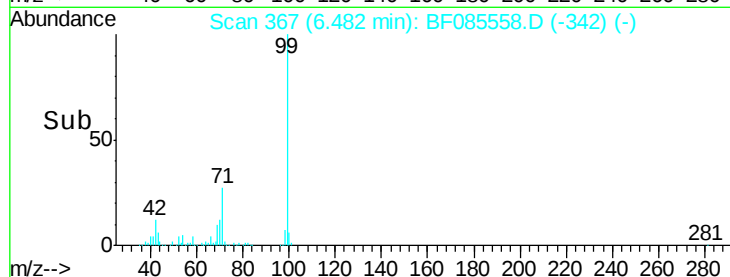
71 26.8 24.9 37.3



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: 19.26 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085558.D

Acq: 19 Mar 2016 7:03

Tgt Ion: 70 Resp: 105260

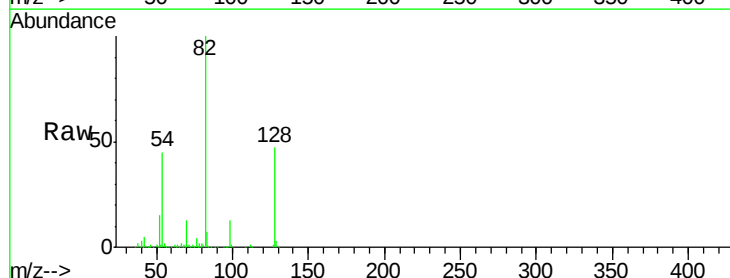
Ion Ratio Lower Upper

70 100

42 39.5 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

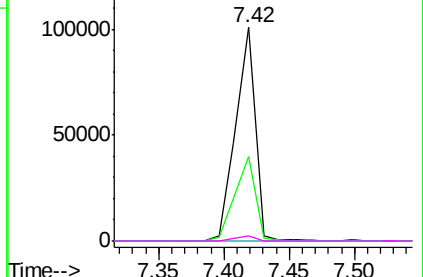
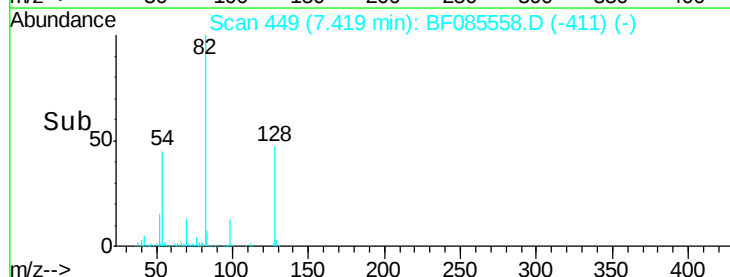


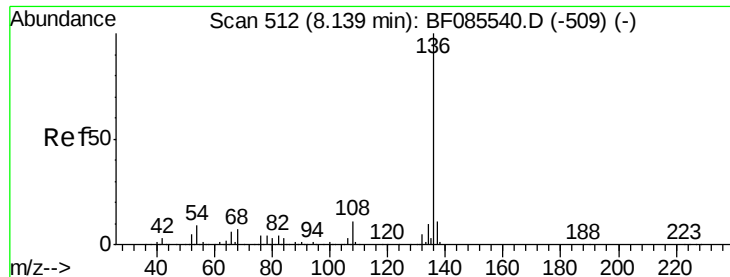
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085558.D

Acq: 19 Mar 2016 7:03

Instrument :

BNA_F

ClientSampleId :

TW-5

Tgt Ion:136 Resp: 520819

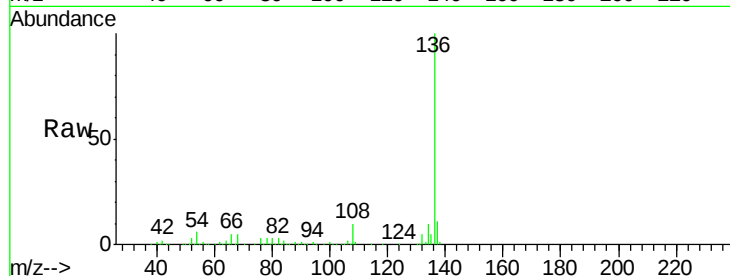
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 5.8 7.4 11.0#

68 5.1 5.8 8.8#

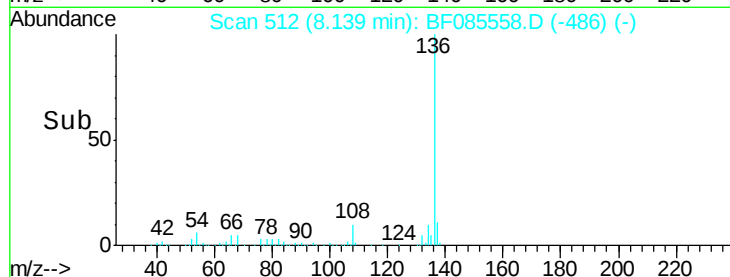


Abundance Ion 136.00 (135.70 to 136.70): E

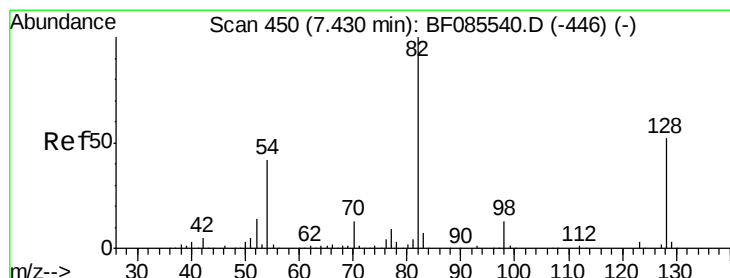
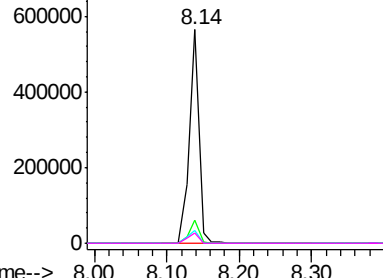
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 88.23 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085558.D

Acq: 19 Mar 2016 7:03

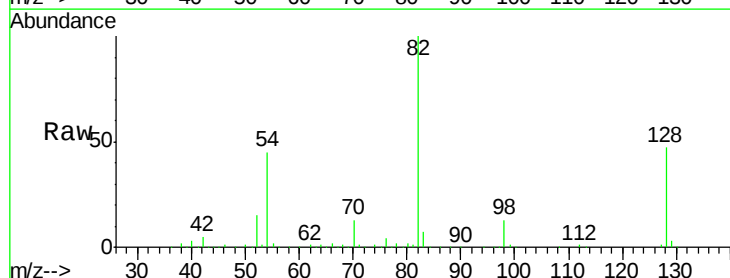
Tgt Ion: 82 Resp: 791603

Ion Ratio Lower Upper

82 100

128 46.8 41.8 62.8

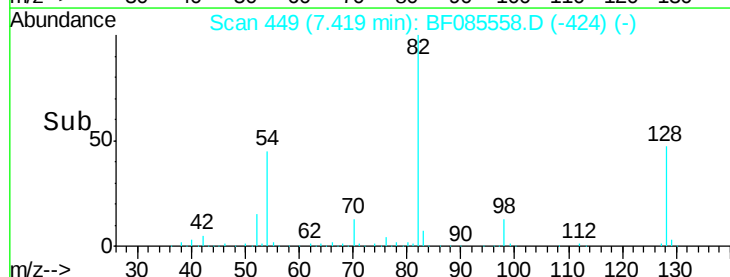
54 45.2 33.4 50.0



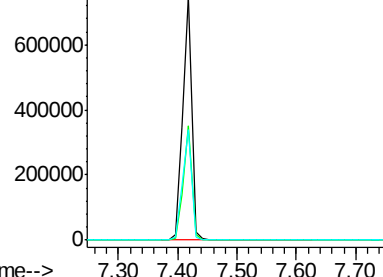
Abundance Ion 82.00 (81.70 to 82.70): BF0

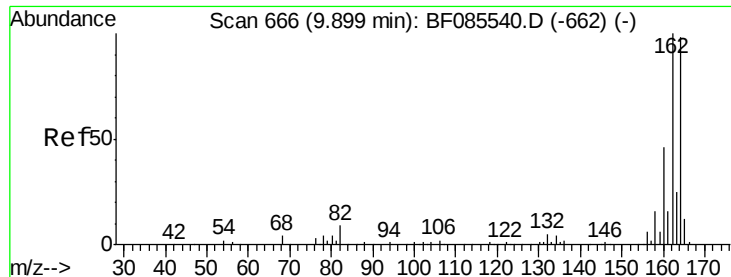
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

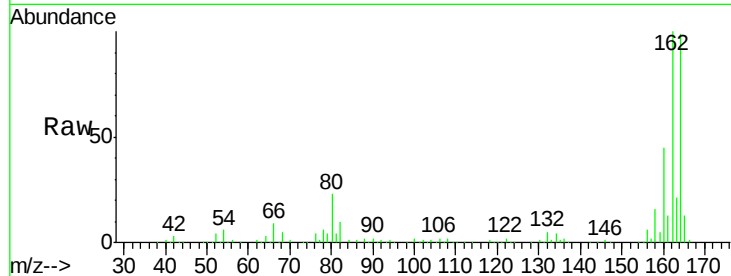




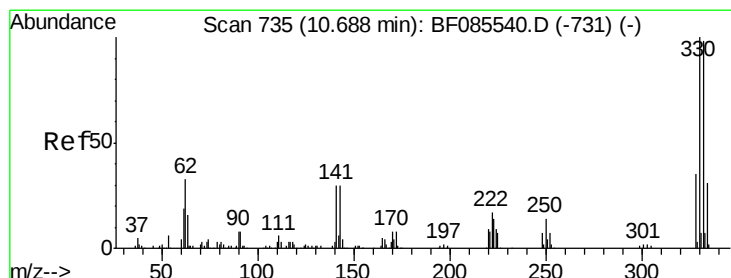
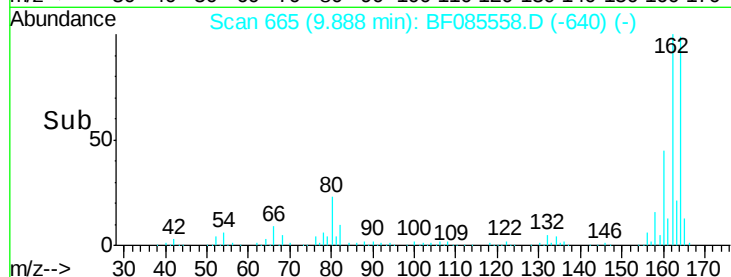
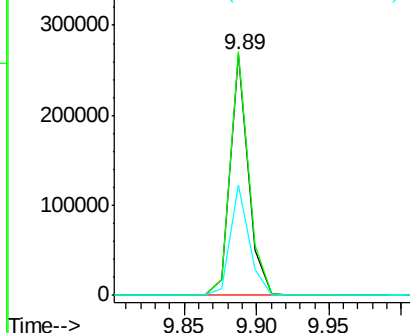
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085558.D
 Acq: 19 Mar 2016 7:03

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Tgt Ion:164 Resp: 231288
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.1 123.1
 160 46.0 37.4 56.2

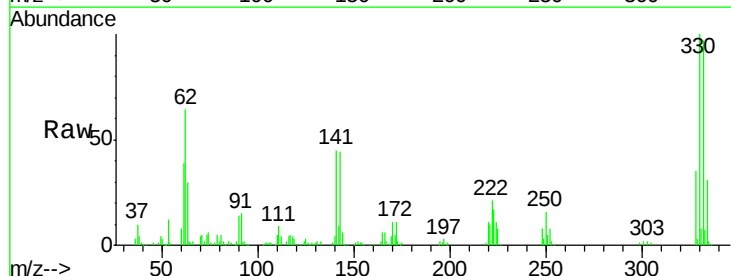


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

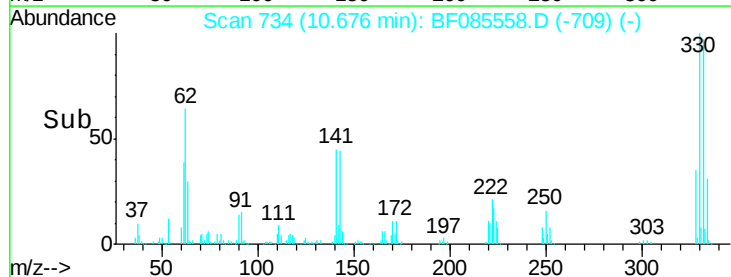
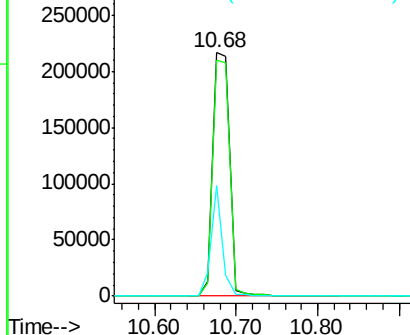


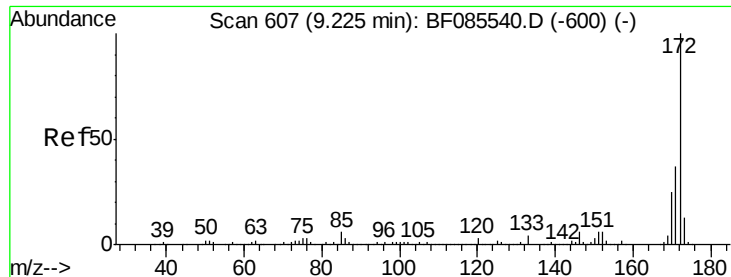
#41
 2,4,6-Tribromophenol
 Concen: 138.01 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085558.D
 Acq: 19 Mar 2016 7:03

Tgt Ion:330 Resp: 312676
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.2 117.2
 141 31.2 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

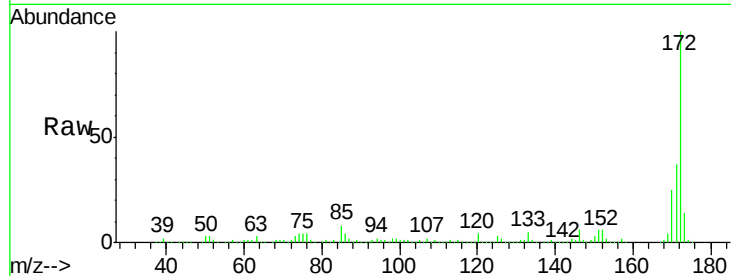




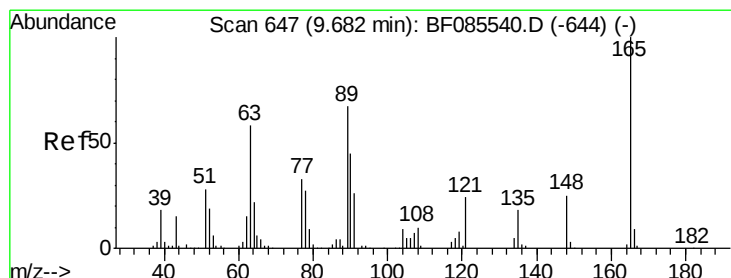
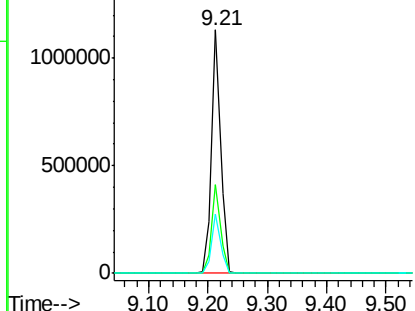
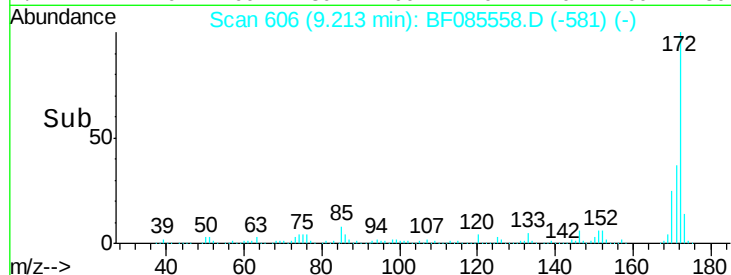
#44
 2-Fluorobiphenyl
 Concen: 91.06 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085558.D
 Acq: 19 Mar 2016 7:03

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Tgt Ion:172 Resp: 1212581
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.6 19.8 29.6

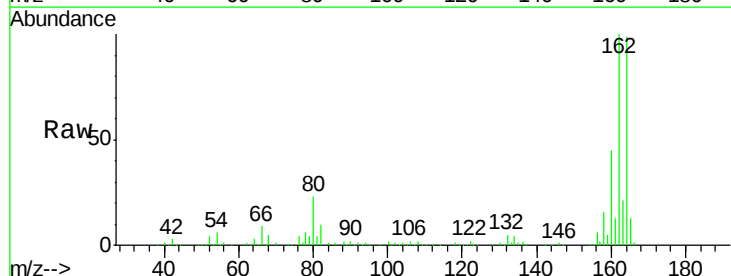


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

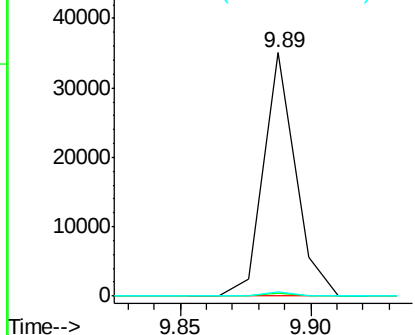
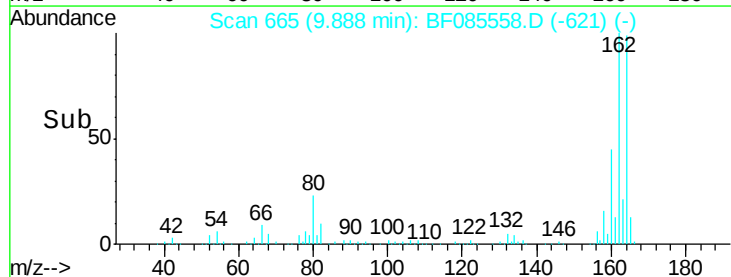


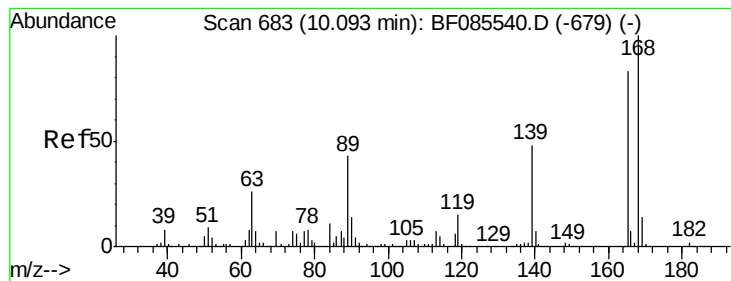
#50
 2,6-Dinitrotoluene
 Concen: 8.01 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.21 min
 Lab File: BF085558.D
 Acq: 19 Mar 2016 7:03

Tgt Ion:165 Resp: 29500
 Ion Ratio Lower Upper
 165 100
 63 1.2 51.8 77.8#
 89 1.5 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

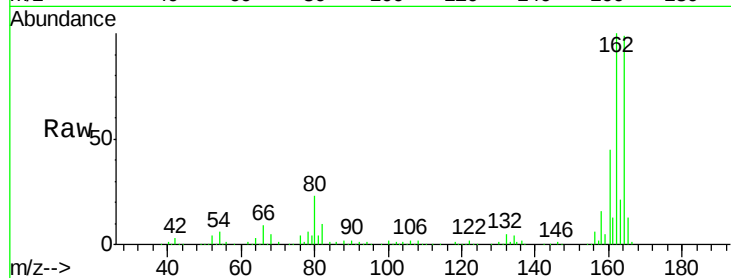




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085558.D
 Acq: 19 Mar 2016 7:03

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#

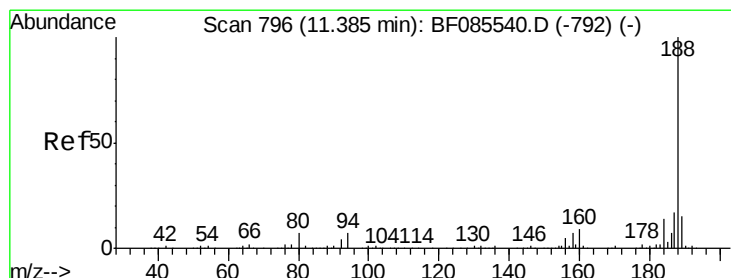
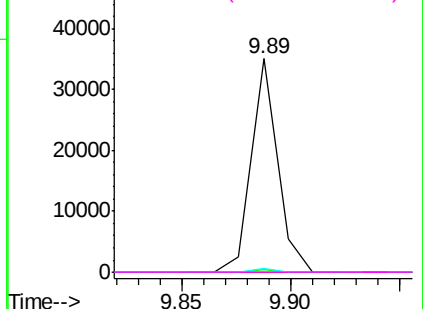
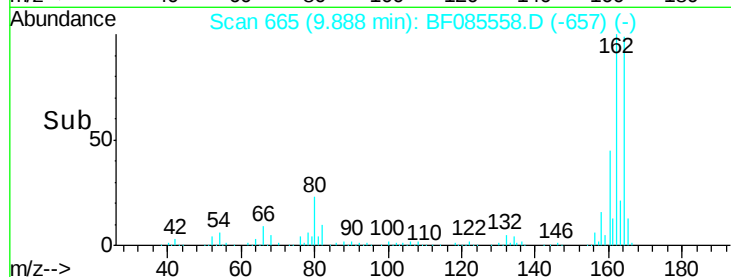


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

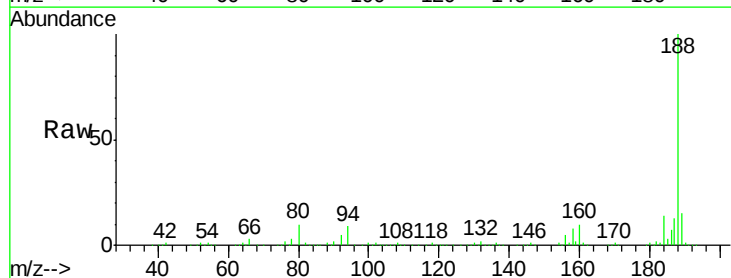
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085558.D
 Acq: 19 Mar 2016 7:03

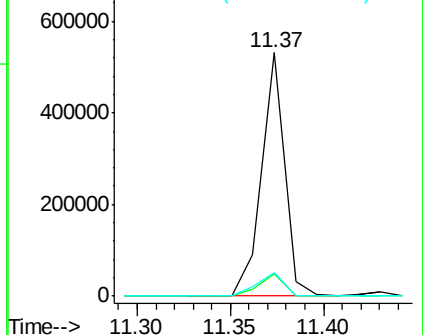
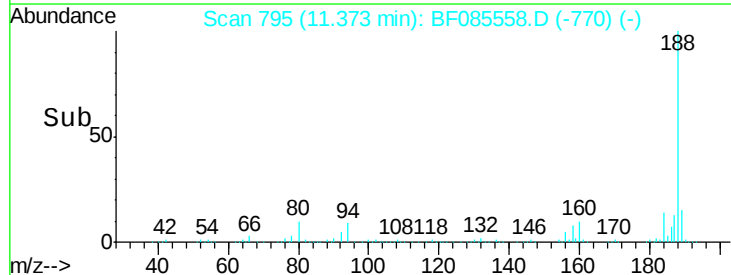
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.4	8.0#
80	9.6	5.5	8.3#

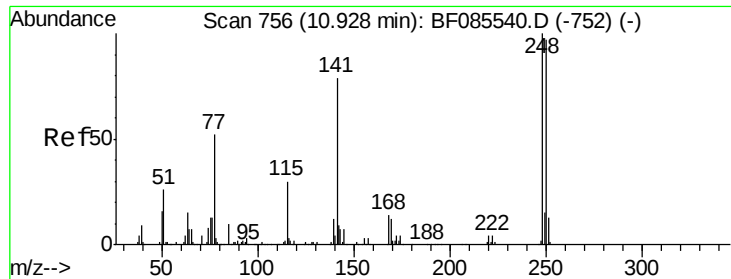


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

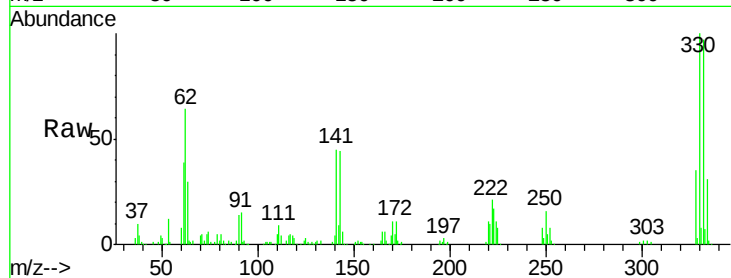




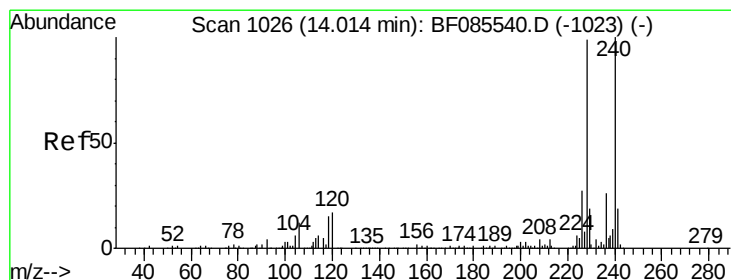
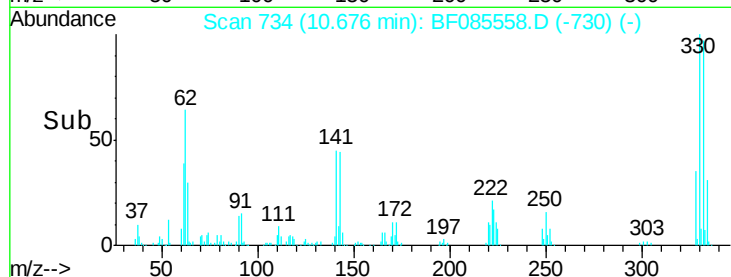
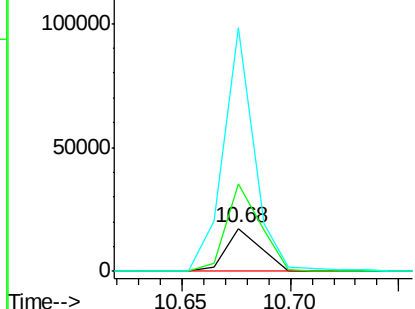
#66
 4-Bromophenyl-phenylether
 Concen: 4.21 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.25 min
 Lab File: BF085558.D
 Acq: 19 Mar 2016 7:03

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Tgt Ion:248 Resp: 19007
 Ion Ratio Lower Upper
 248 100
 250 201.9 77.4 116.0#
 141 565.0 63.6 95.4#

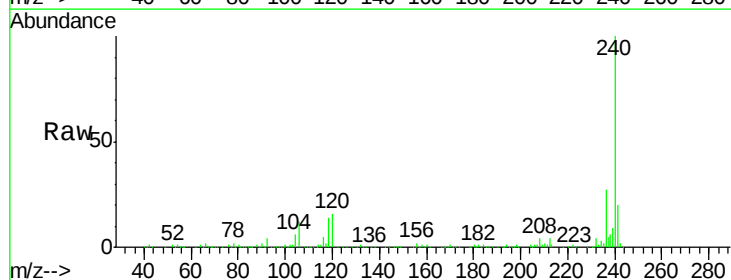


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

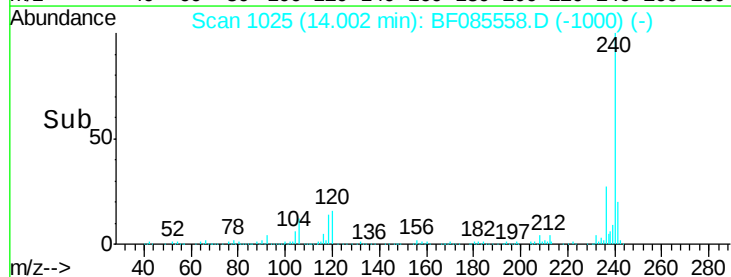
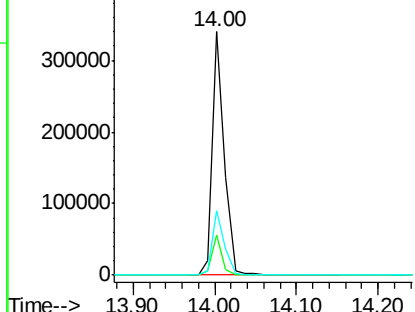


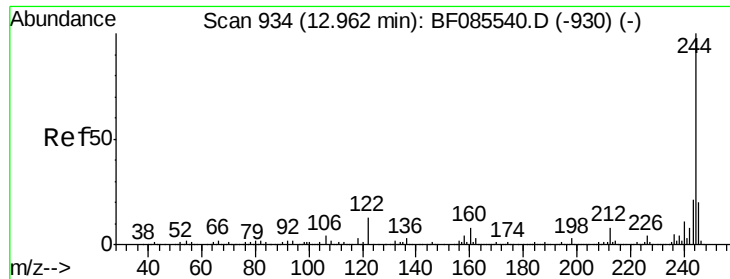
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085558.D
 Acq: 19 Mar 2016 7:03

Tgt Ion:240 Resp: 351406
 Ion Ratio Lower Upper
 240 100
 120 16.5 13.8 20.8
 236 26.6 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

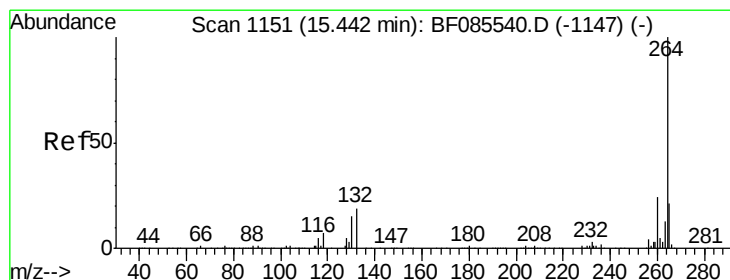
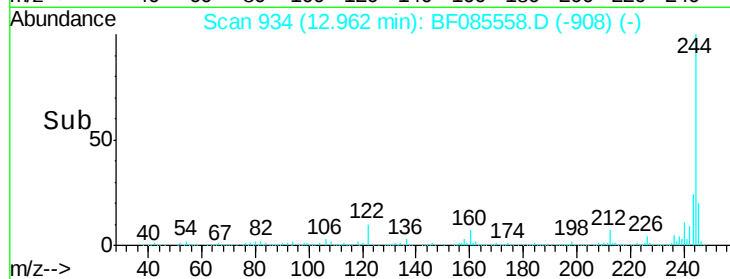
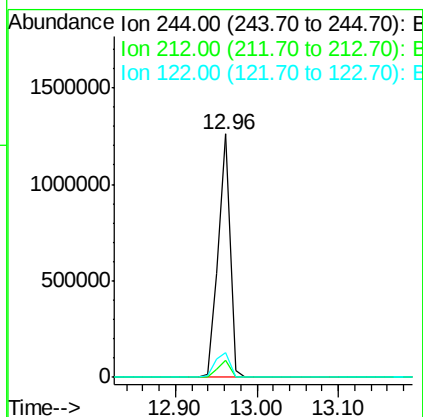
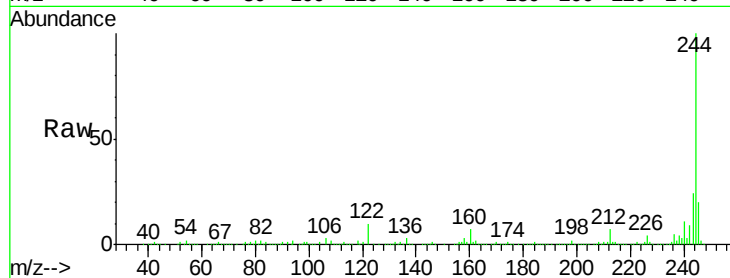




#78
 Terphenyl-d14
 Concen: 87.82 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085558.D
 Acq: 19 Mar 2016 7:03

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Tgt Ion:244 Resp: 1282441
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.2 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085558.D
 Acq: 19 Mar 2016 7:03

Tgt Ion:264 Resp: 295516
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.3 17.2 25.8

