

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085599.D
 Acq On : 20 Mar 2016 5:44
 Operator : UM/SJ
 Sample : H1790-06
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Quant Time: Mar 21 00:18:52 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

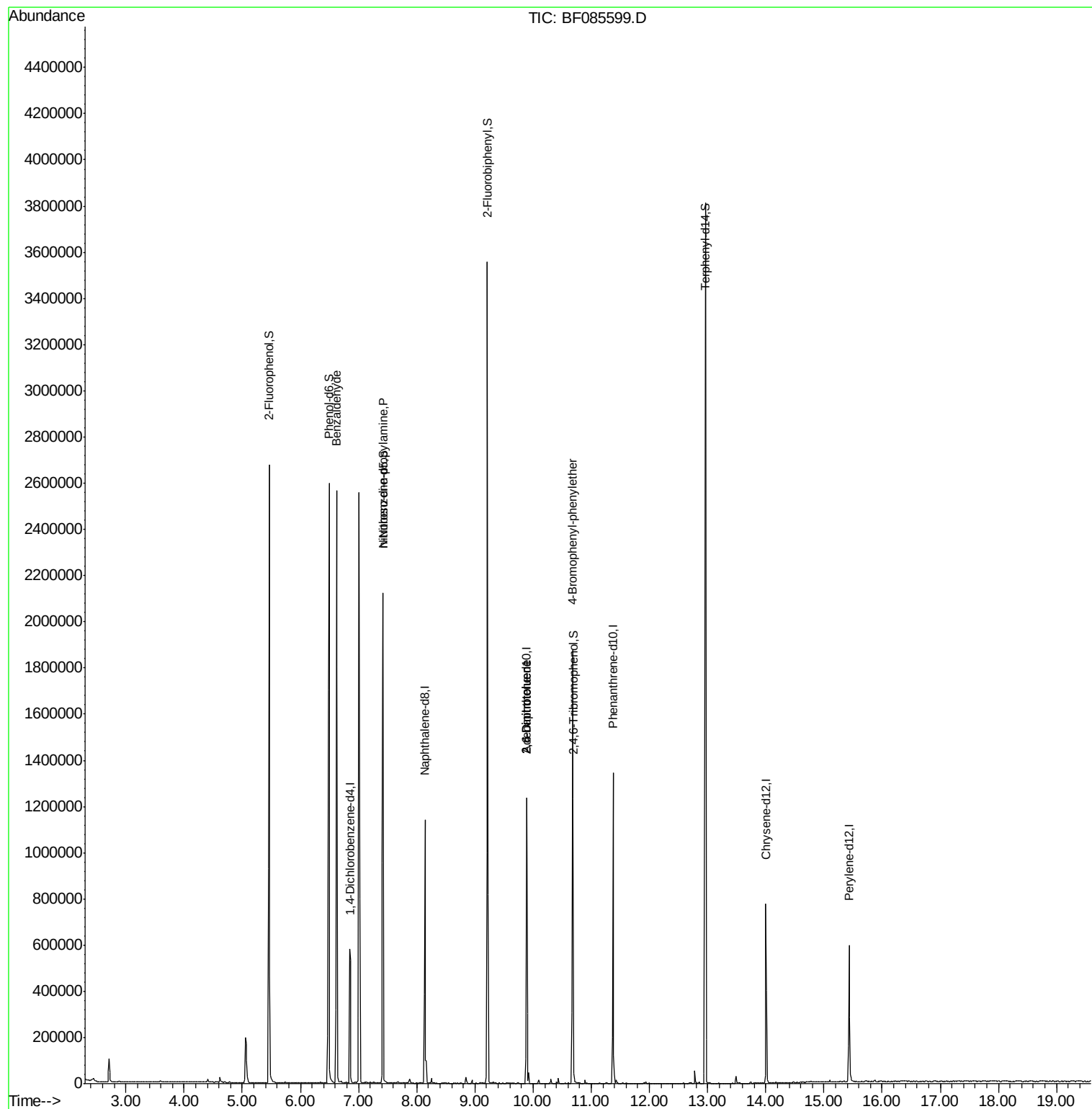
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131483	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	555667	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	241605	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	458678	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	301693	20.00	ng	-0.01
86) Perylene-d12	15.43	264	268249	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	880513	112.48	ng	0.01
7) Phenol-d6	6.49	99	1235510	123.06	ng	0.00
23) Nitrobenzene-d5	7.42	82	801048	83.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	353577	149.40	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1268559	91.25	ng	-0.01
78) Terphenyl-d14	12.96	244	1256449	100.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	21457	2.34	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.42	70	105632	17.61	ng	# 77
50) 2,6-Dinitrotoluene	9.89	165	30407	7.90	ng	# 19
56) 2,4-Dinitrotoluene	9.89	165	30401	6.03	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	20559	4.49	ng	# 1

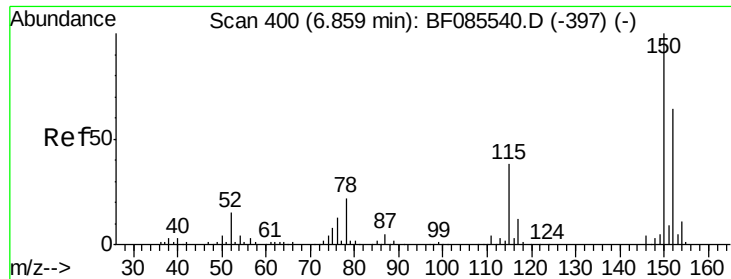
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085599.D
Acq On : 20 Mar 2016 5:44
Operator : UM/SJ
Sample : H1790-06
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)

Quant Time: Mar 21 00:18:52 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

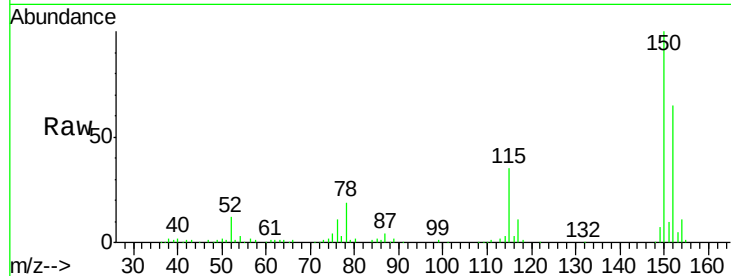




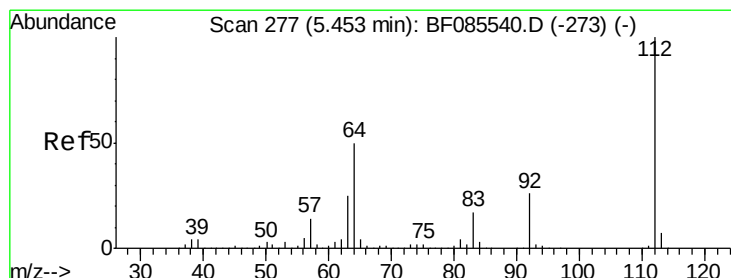
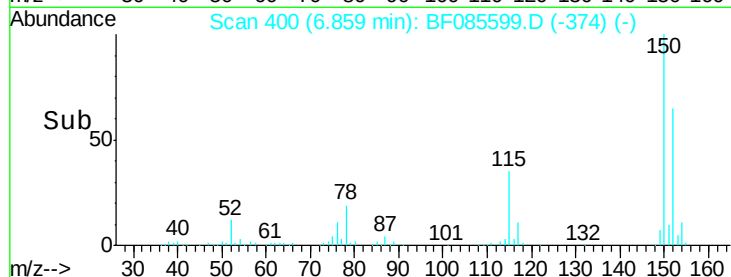
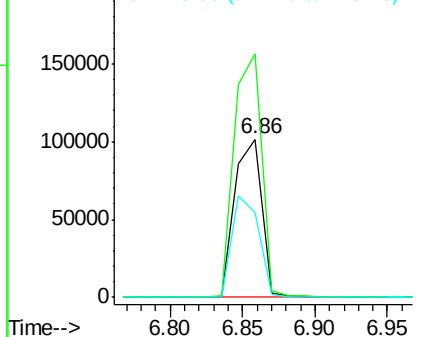
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Tgt Ion:152 Resp: 131483
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.2 186.2
 115 53.2 47.0 70.6

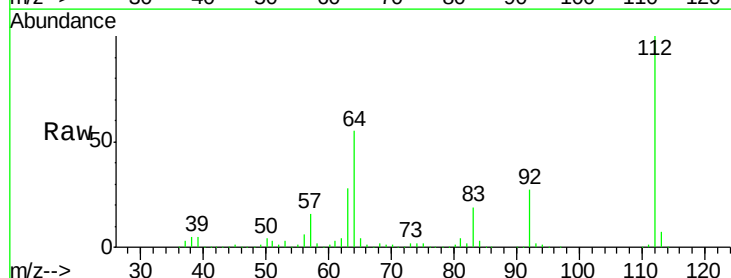


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

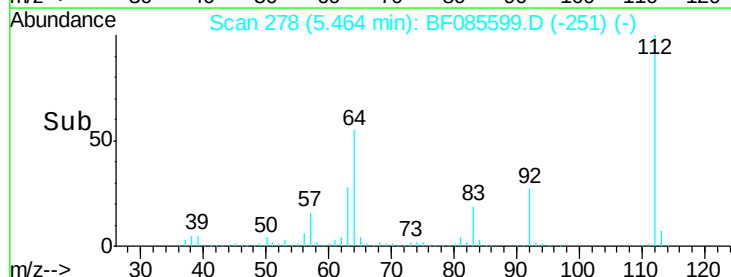
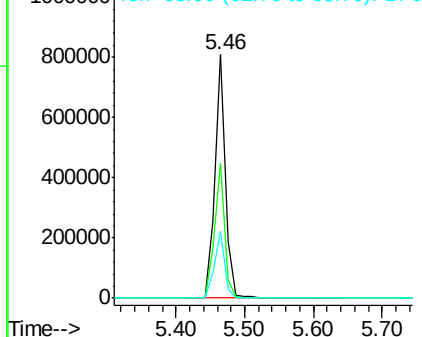


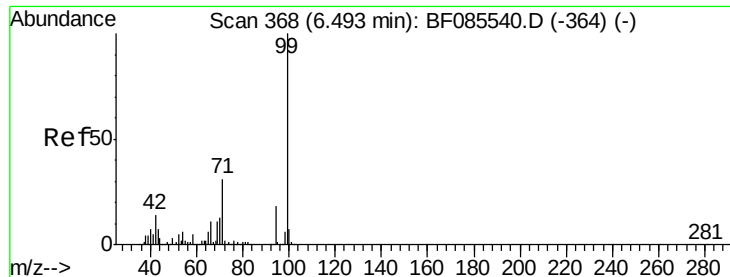
#5
 2-Fluorophenol
 Concen: 112.48 ng
 RT: 5.46 min Scan# 278
 Delta R.T. 0.01 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Tgt Ion:112 Resp: 880513
 Ion Ratio Lower Upper
 112 100
 64 55.4 39.9 59.9
 63 27.7 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: 123.06 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085599.D

Acq: 20 Mar 2016 5:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

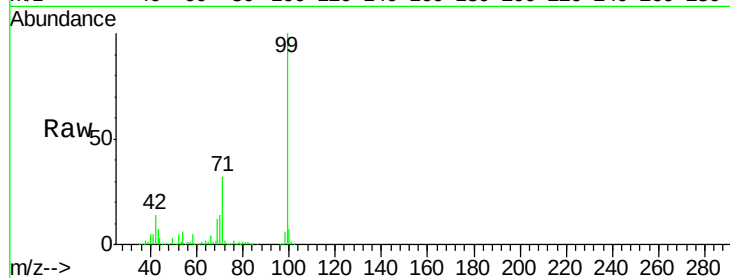
Tgt Ion: 99 Resp: 1235510

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

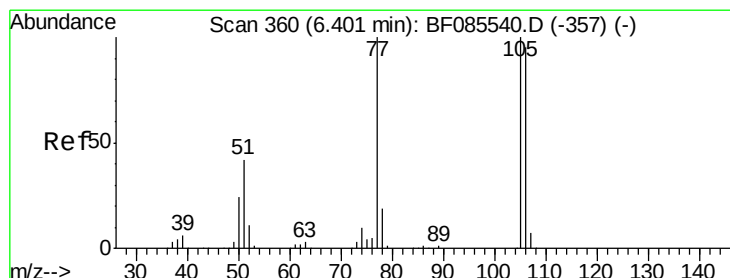
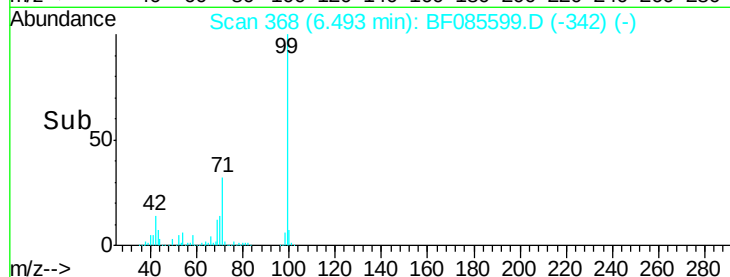
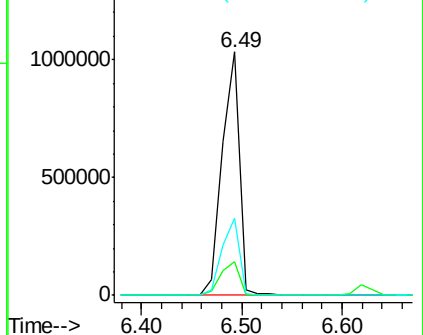
71 31.8 24.9 37.3



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



#9

Benzaldehyde

Concen: 2.34 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.22 min

Lab File: BF085599.D

Acq: 20 Mar 2016 5:44

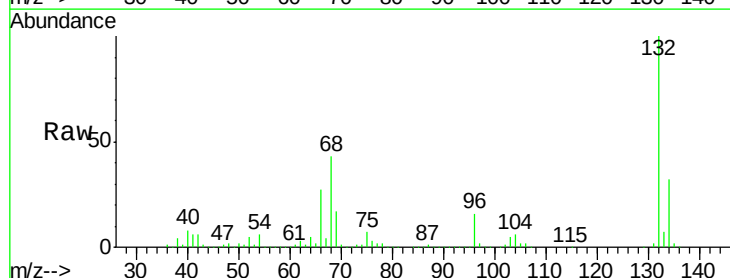
Tgt Ion: 77 Resp: 21457

Ion Ratio Lower Upper

77 100

105 81.6 80.1 120.1

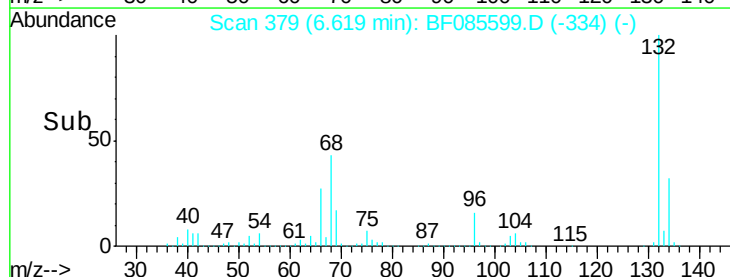
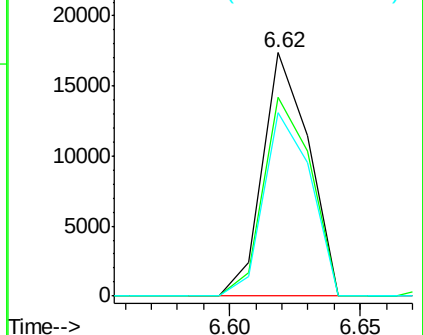
106 75.2 75.0 115.0

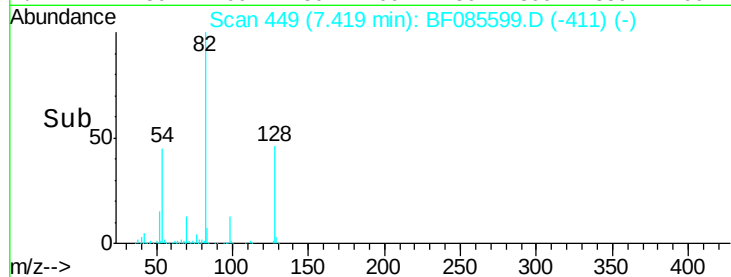
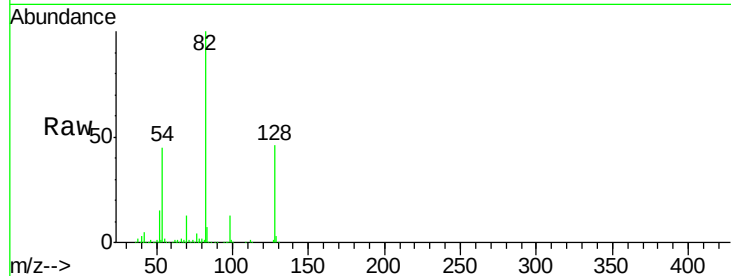
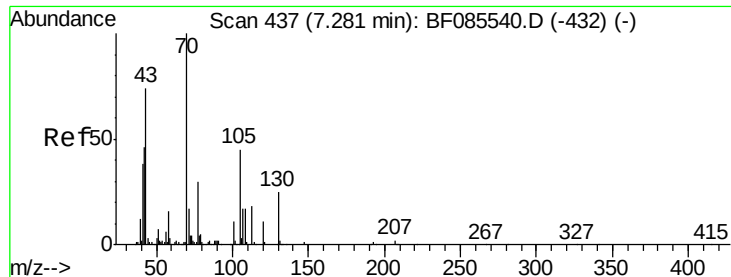


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

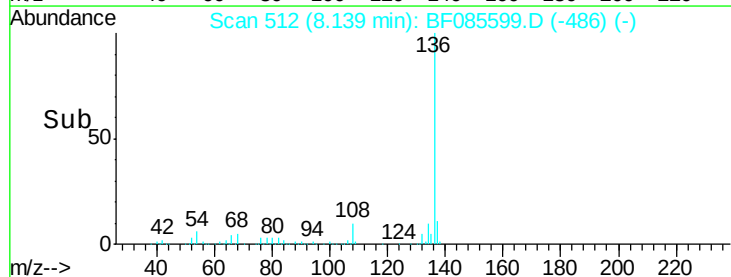
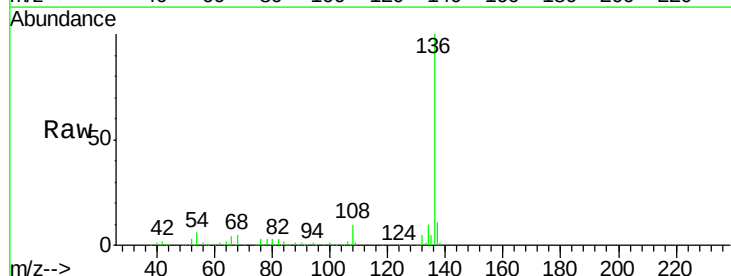
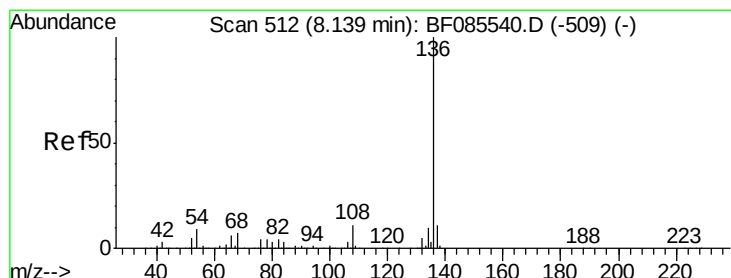
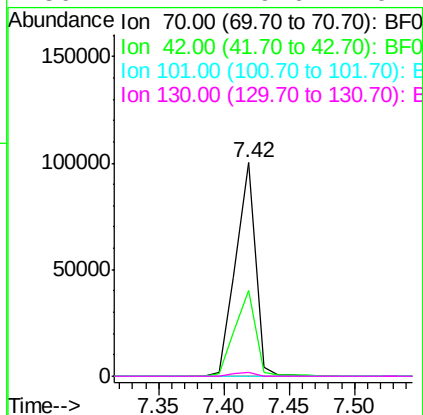




#19
n-Nitroso-di-n-propylamine
Concen: 17.61 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085599.D
Acq: 20 Mar 2016 5:44

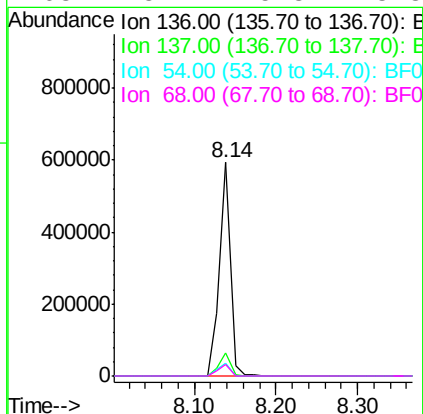
Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)

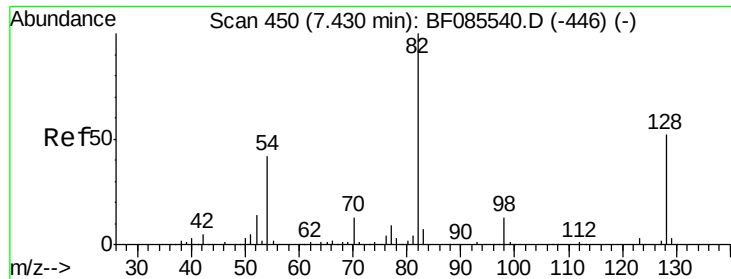
Tgt Ion:	70	Resp:	105632
Ion	Ratio	Lower	Upper
70	100		
42	40.0	37.1	55.7
101	0.0	8.6	12.8#
130	2.1	19.6	29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085599.D
Acq: 20 Mar 2016 5:44

Tgt Ion:	136	Resp:	555667
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.0	7.4	11.0#
68	5.1	5.8	8.8#

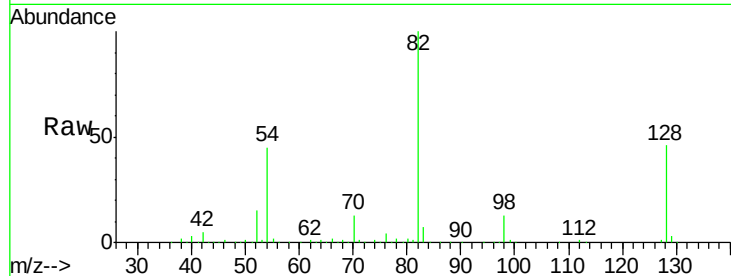




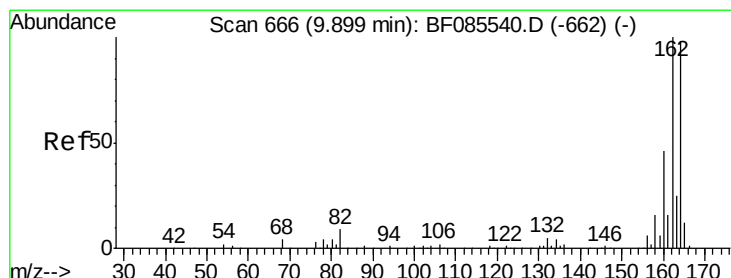
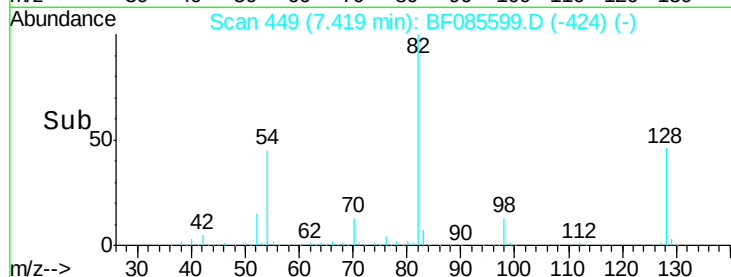
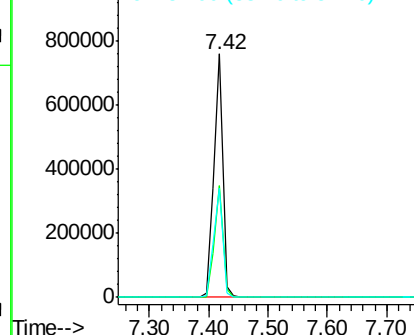
#23
 Nitrobenzene-d5
 Concen: 83.68 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Tgt Ion: 82 Resp: 801048
 Ion Ratio Lower Upper
 82 100
 128 45.7 41.8 62.8
 54 44.7 33.4 50.0

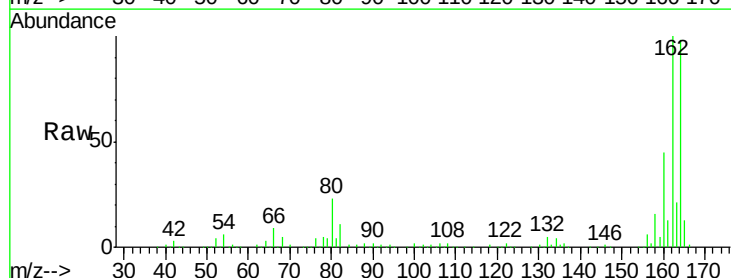


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

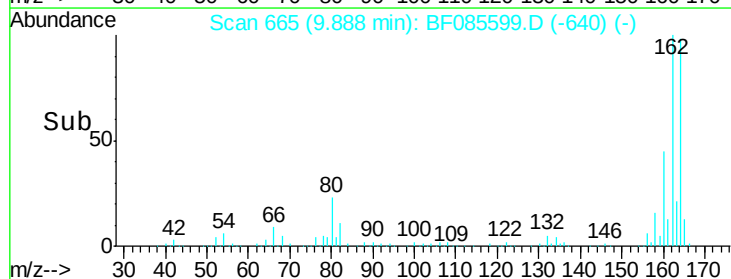
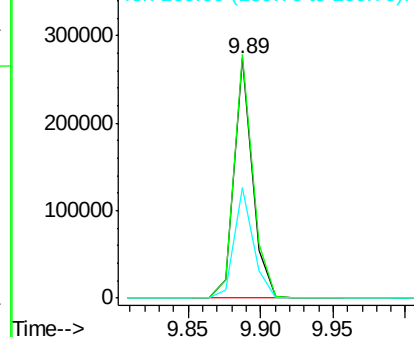


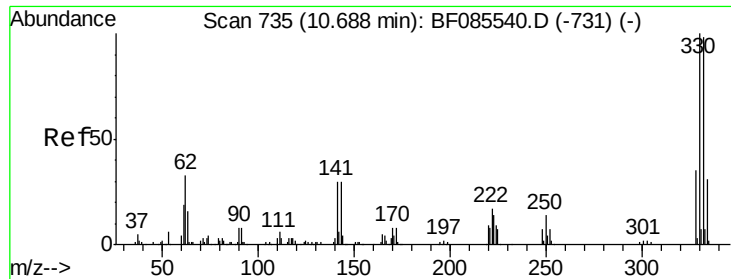
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Tgt Ion: 164 Resp: 241605
 Ion Ratio Lower Upper
 164 100
 162 101.7 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

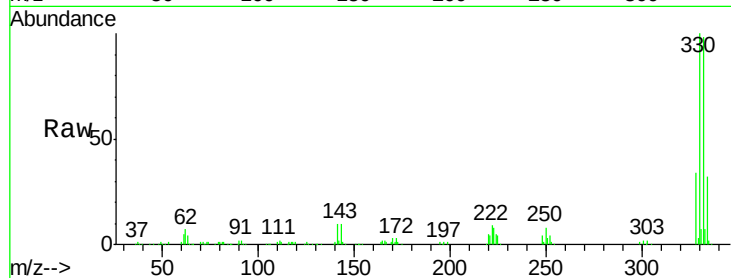




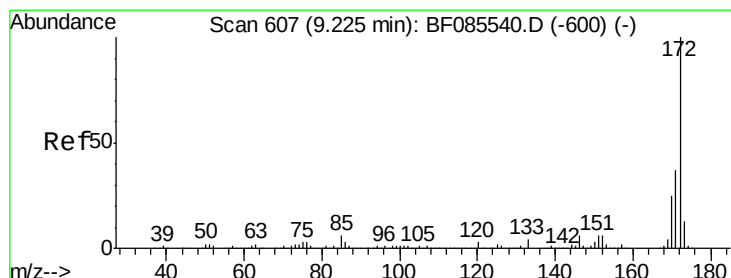
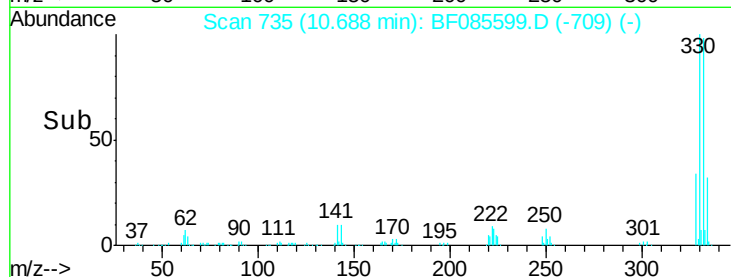
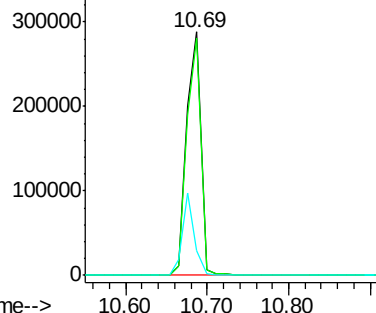
#41
 2,4,6-Tribromophenol
 Concen: 149.40 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Tgt Ion:330 Resp: 353577
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 28.9 31.5 47.3#

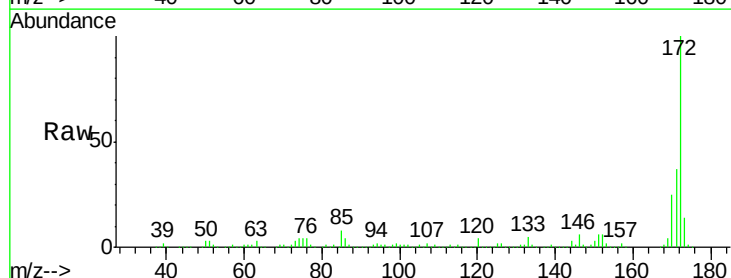


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

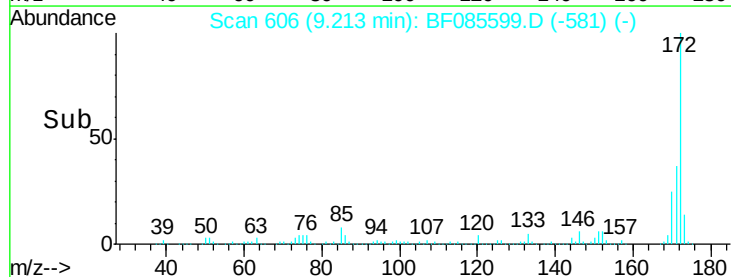
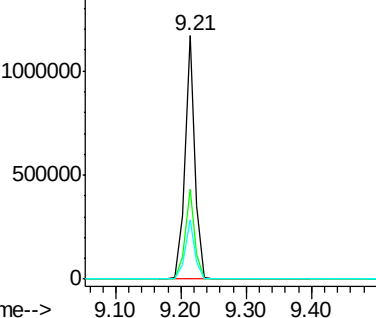


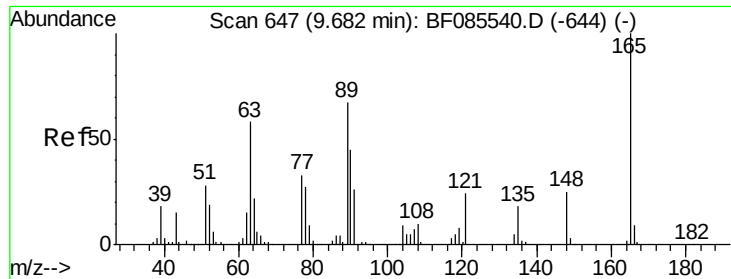
#44
 2-Fluorobiphenyl
 Concen: 91.25 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Tgt Ion:172 Resp: 1268559
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

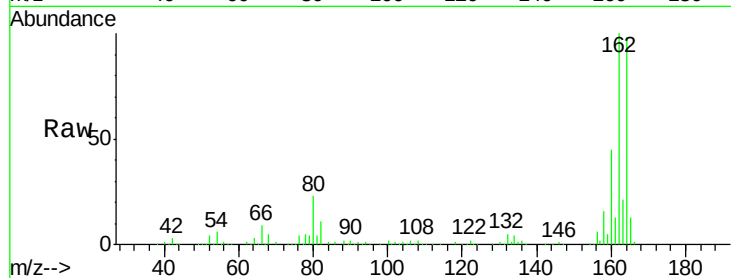




#50
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.21 min
Lab File: BF085599.D
Acq: 20 Mar 2016 5:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)

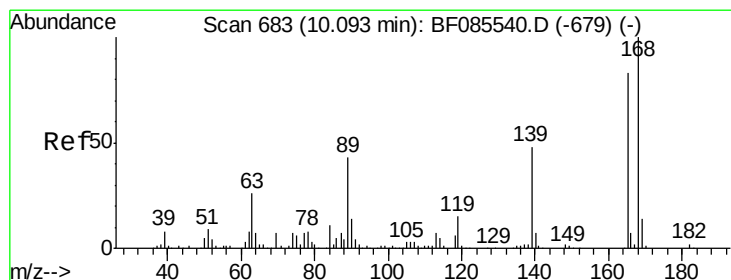
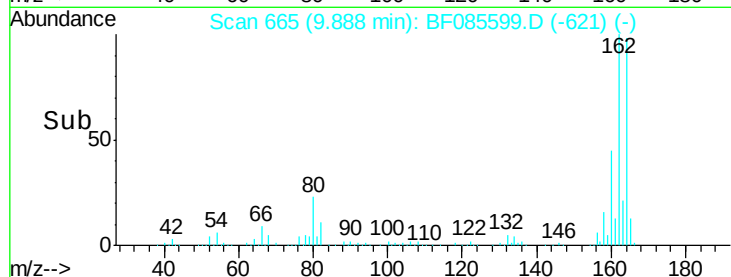
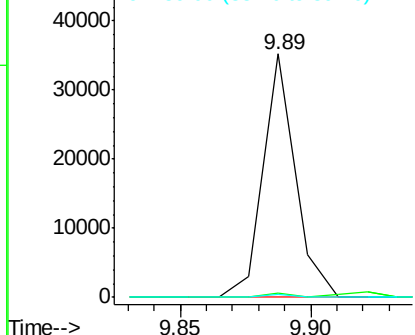
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.8	77.8#
89	1.3	53.7	80.5#



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: 6.03 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF085599.D
Acq: 20 Mar 2016 5:44

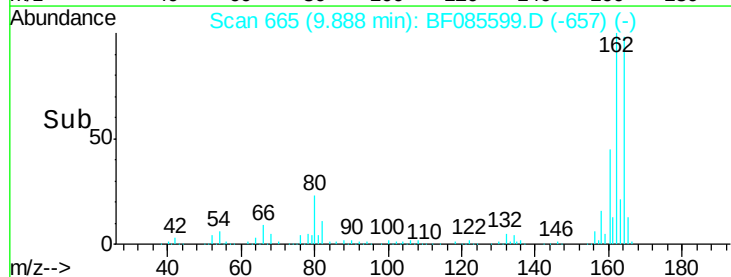
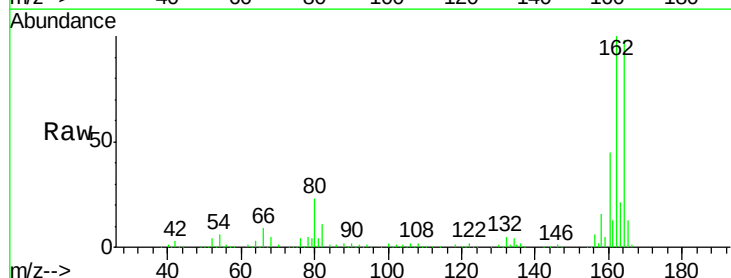
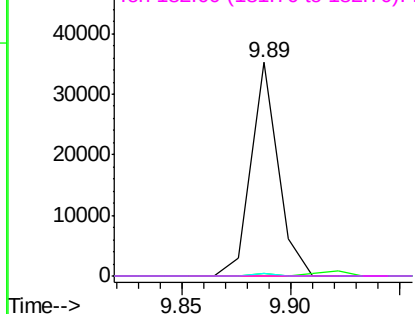
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	1.3	41.0	61.6#
182	0.0	2.1	3.1#

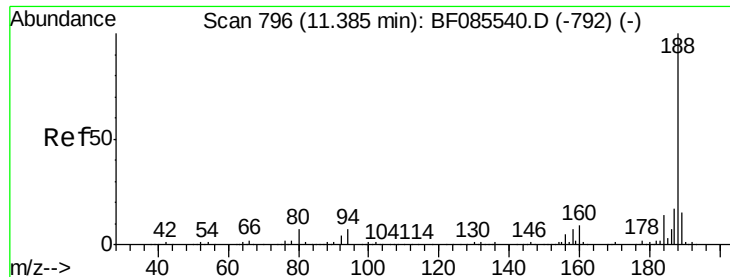
Abundance Ion 165.00 (164.70 to 165.70): E

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

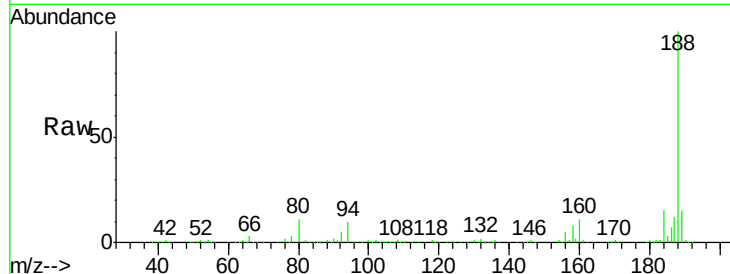




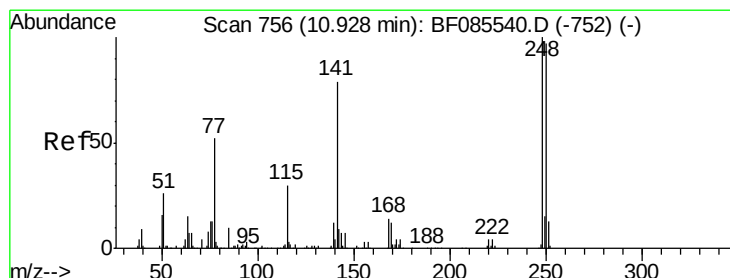
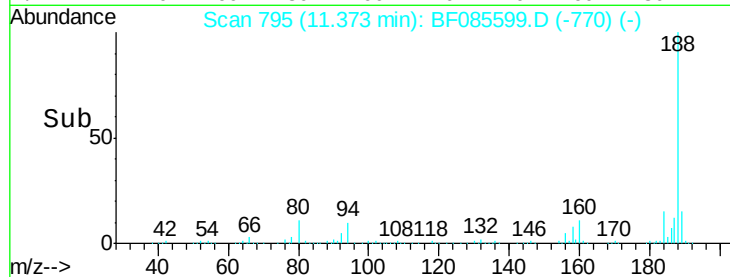
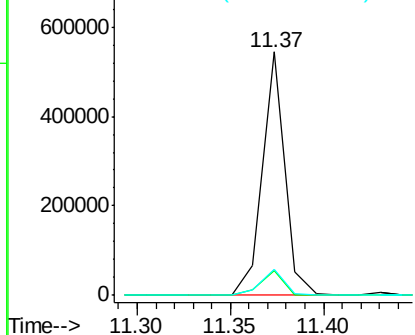
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085599.D
Acq: 20 Mar 2016 5:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)

Tgt Ion:188 Resp: 458678
Ion Ratio Lower Upper
188 100
94 10.1 5.4 8.0#
80 10.6 5.5 8.3#

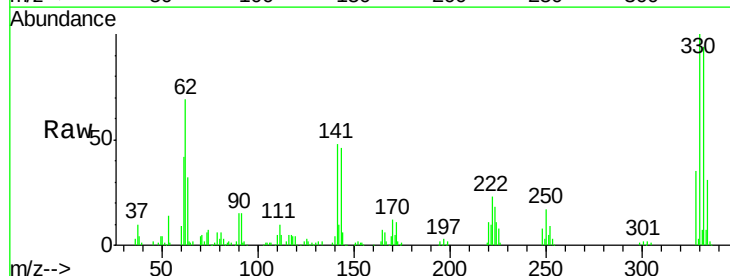


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

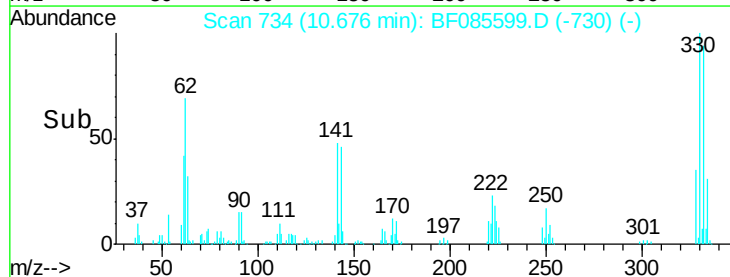
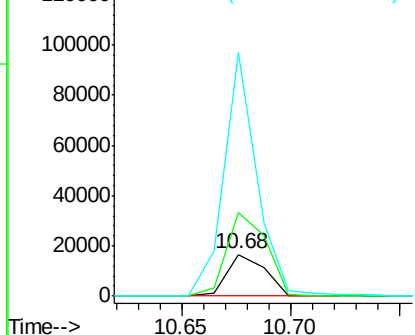


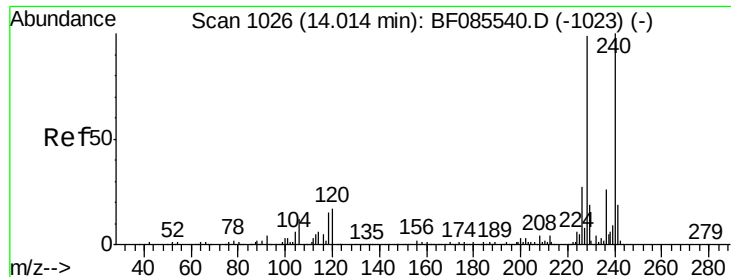
#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.25 min
Lab File: BF085599.D
Acq: 20 Mar 2016 5:44

Tgt Ion:248 Resp: 20559
Ion Ratio Lower Upper
248 100
250 198.6 77.4 116.0#
141 581.3 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: BF085599.D

Acq: 20 Mar 2016 5:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

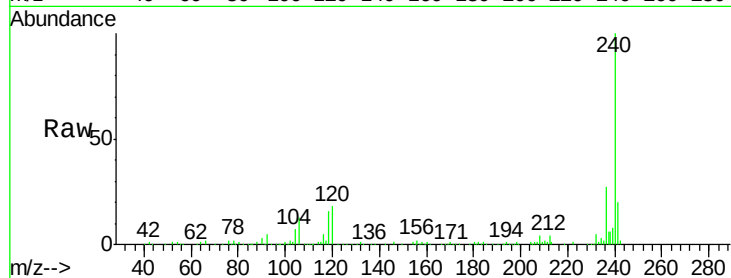
Tgt Ion:240 Resp: 301693

Ion Ratio Lower Upper

240 100

120 18.0 13.8 20.8

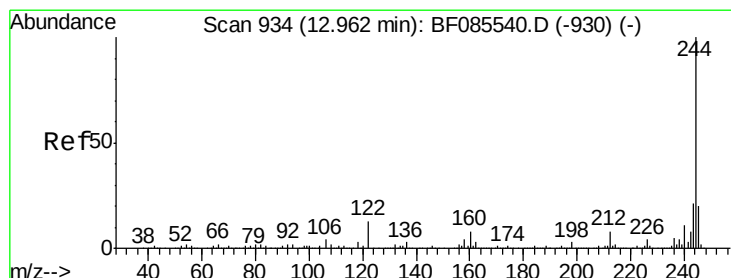
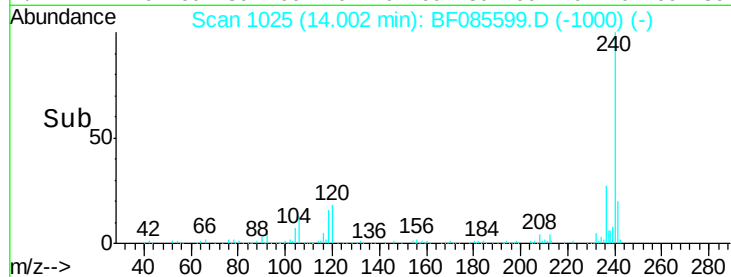
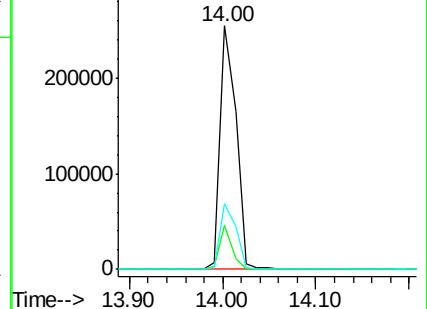
236 27.0 20.6 30.8



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: 100.22 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085599.D

Acq: 20 Mar 2016 5:44

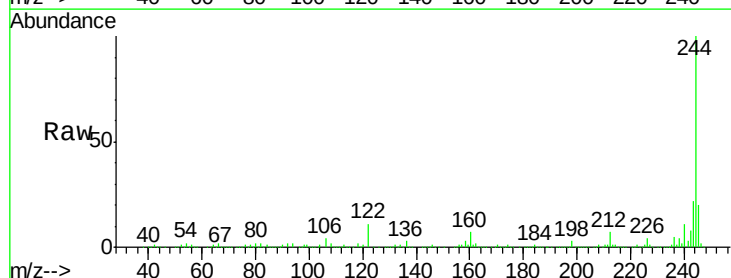
Tgt Ion:244 Resp: 1256449

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

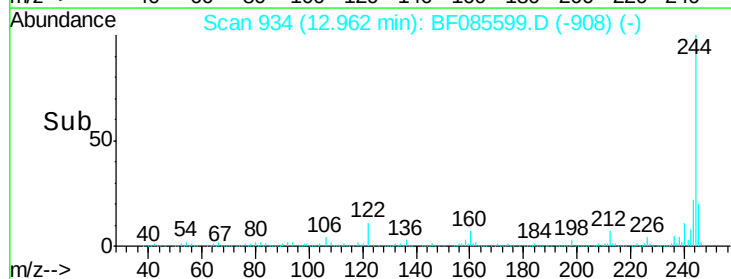
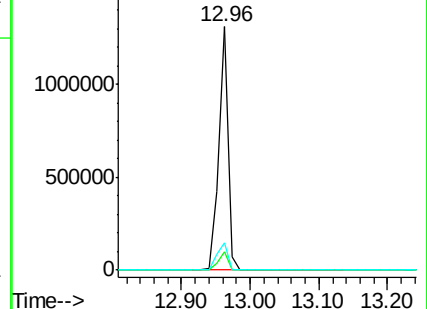
122 11.1 10.2 15.4

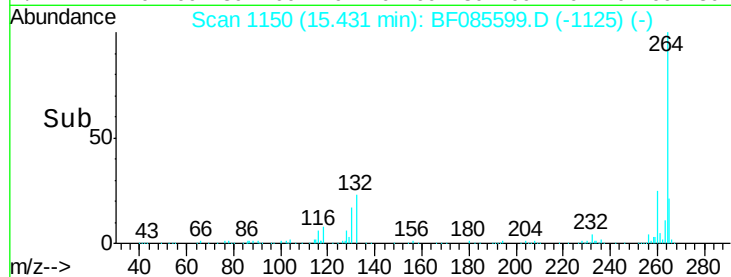
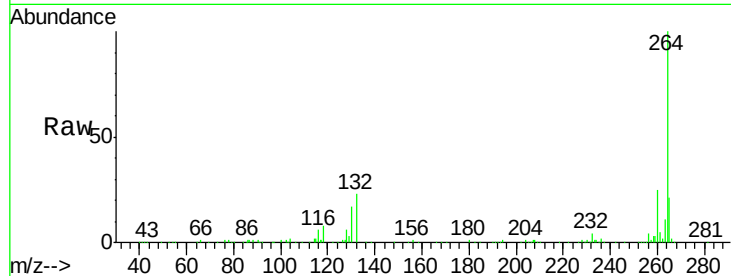
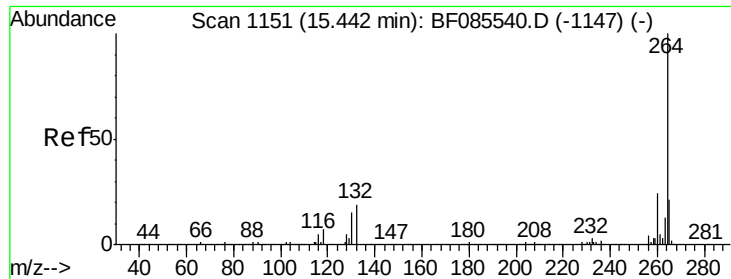


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF085599.D

Acq: 20 Mar 2016 5:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

Tgt Ion: 264 Resp: 268249

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 21.5 17.2 25.8

