

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085561.D
 Acq On : 19 Mar 2016 8:27
 Operator : UM/SJ
 Sample : H1804-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-8C

Quant Time: Mar 21 00:09:27 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

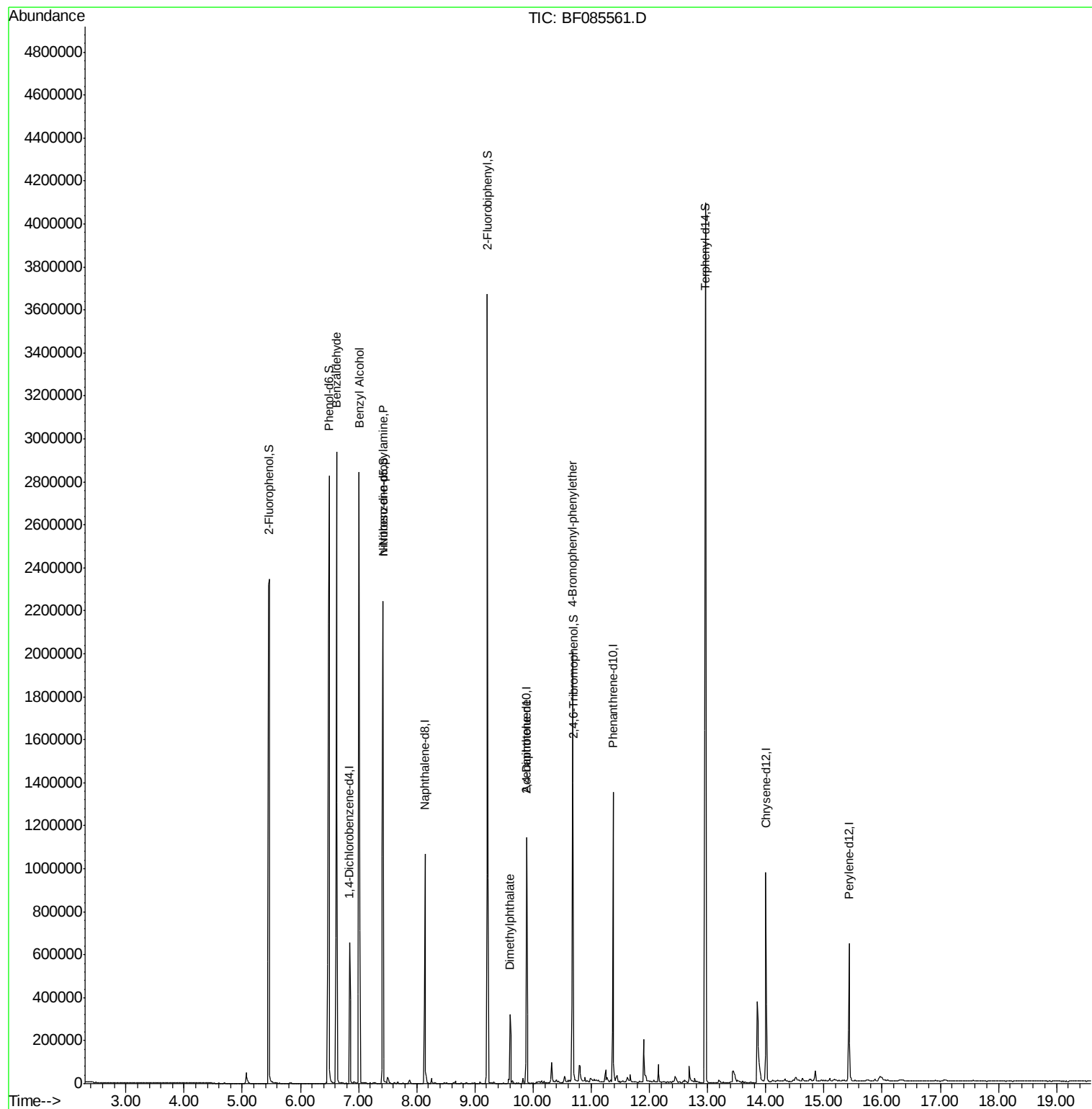
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123195	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	519715	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	226534	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	461387	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	352613	20.00	ng	-0.01
86) Perylene-d12	15.43	264	271484	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1147322	156.43	ng	0.01
7) Phenol-d6	6.49	99	1490050	158.40	ng	0.00
23) Nitrobenzene-d5	7.42	82	858668	95.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	387512	174.63	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1332222	107.31	ng	-0.01
78) Terphenyl-d14	12.96	244	1373130	93.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	21942	2.71	ng	Qvalue 81
15) Benzyl Alcohol	7.01	79	13438	2.09	ng	# 48
19) n-Nitroso-di-n-propylamine	7.42	70	115878	20.62	ng	# 77
49) Dimethylphthalate	9.60	163	174925	10.23	ng	99
56) 2,4-Dinitrotoluene	9.89	165	28969	6.13	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	23280	5.05	ng	# 1

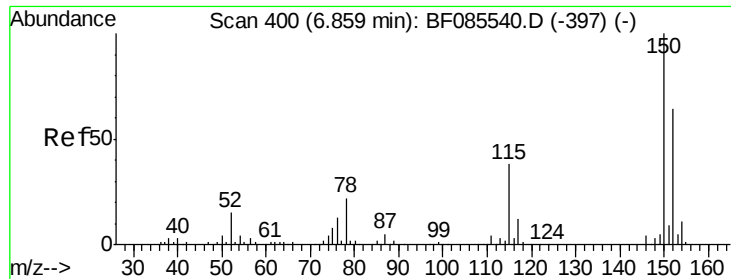
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085561.D
Acq On : 19 Mar 2016 8:27
Operator : UM/SJ
Sample : H1804-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-8C

Quant Time: Mar 21 00:09:27 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: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-8C

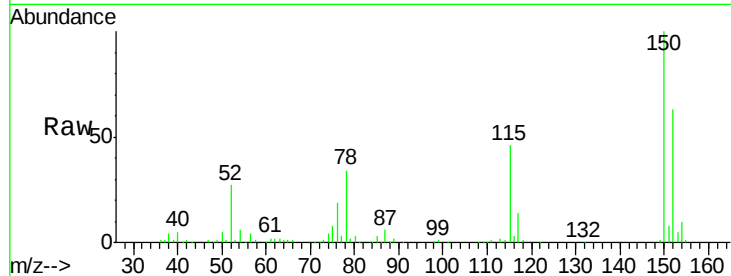
Tgt Ion:152 Resp: 123195

Ion Ratio Lower Upper

152 100

150 159.9 124.2 186.2

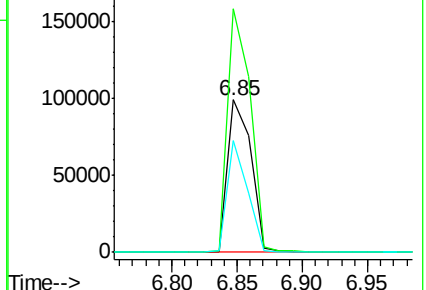
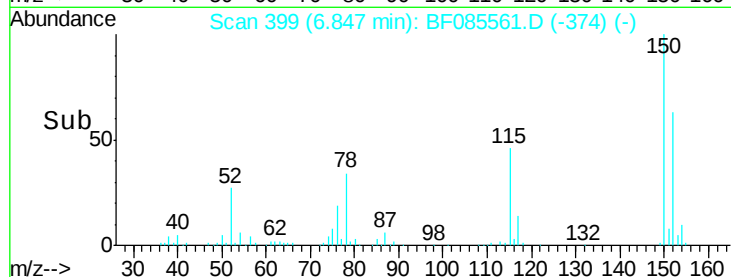
115 73.0 47.0 70.6#



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: 156.43 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

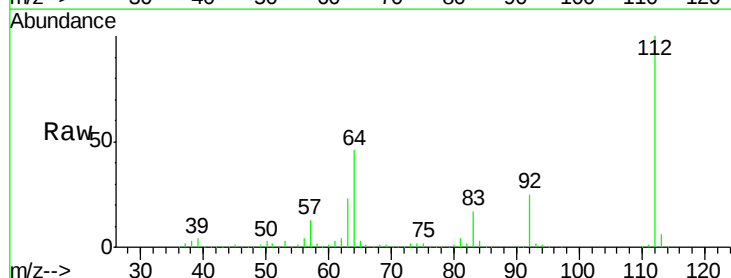
Tgt Ion:112 Resp: 1147322

Ion Ratio Lower Upper

112 100

64 45.6 39.9 59.9

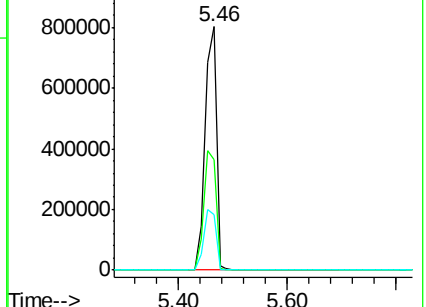
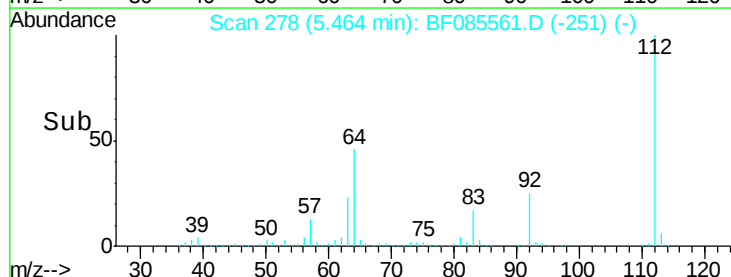
63 22.9 20.2 30.2

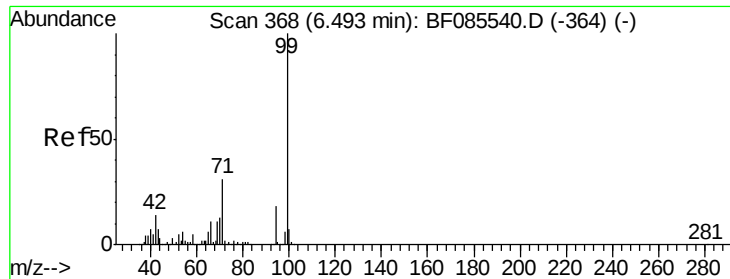


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 158.40 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-8C

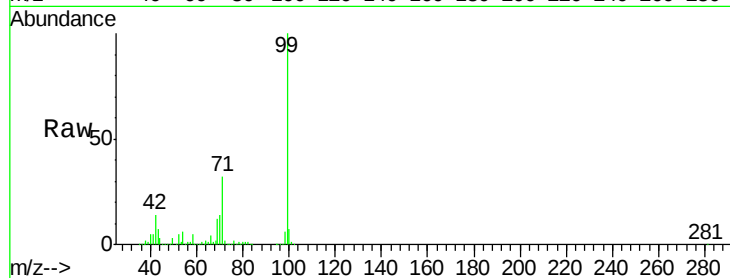
Tgt Ion: 99 Resp: 1490050

Ion Ratio Lower Upper

99 100

42 13.7 11.1 16.7

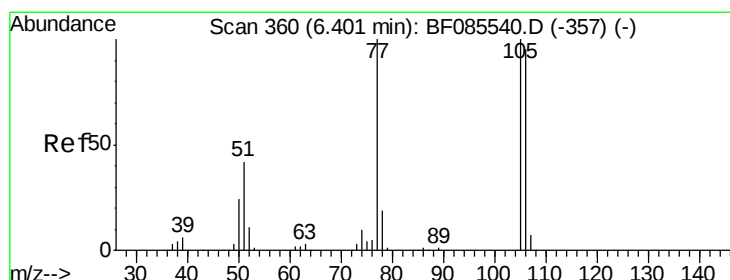
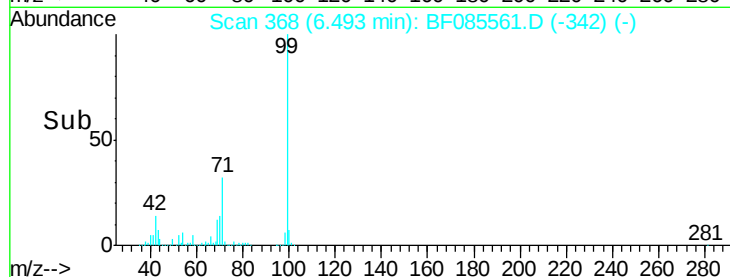
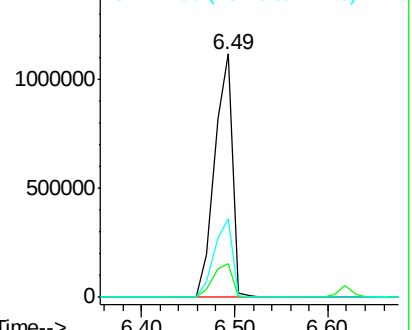
71 32.2 24.9 37.3



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: 2.71 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.22 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

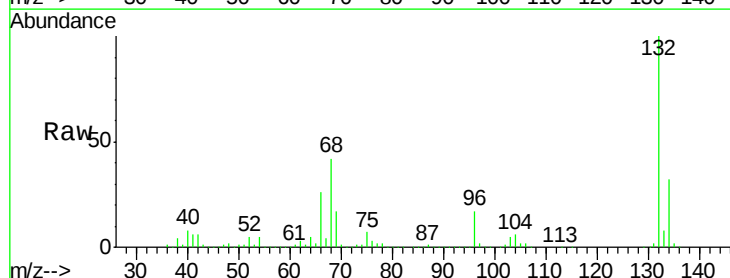
Tgt Ion: 77 Resp: 21942

Ion Ratio Lower Upper

77 100

105 81.1 80.1 120.1

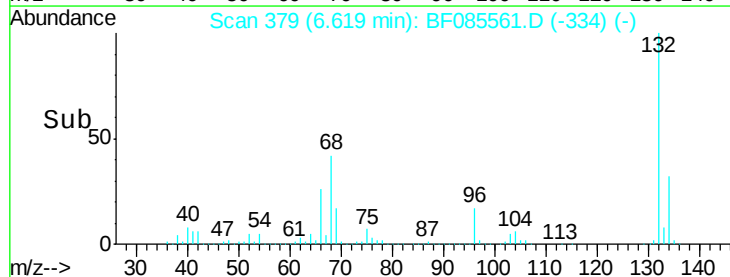
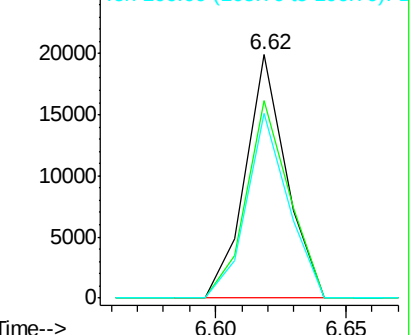
106 76.0 75.0 115.0

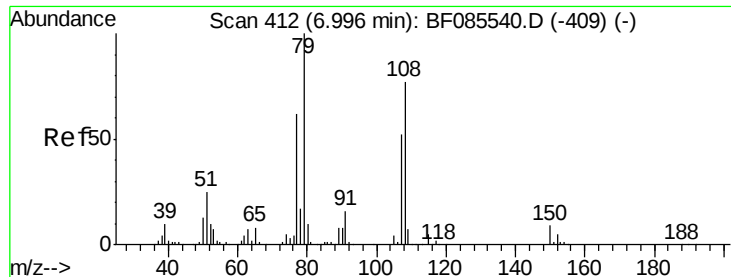


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-8C

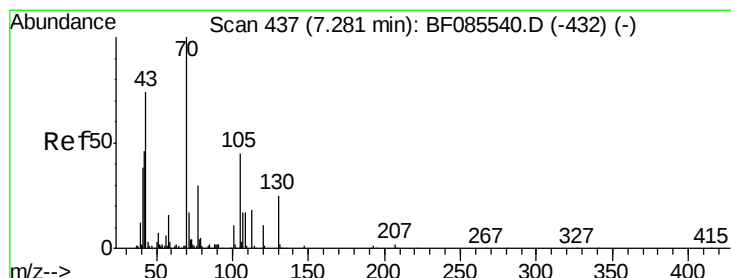
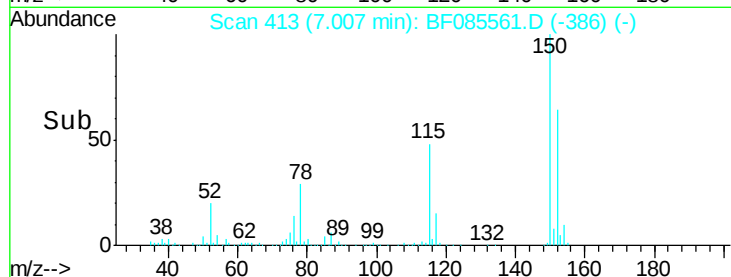
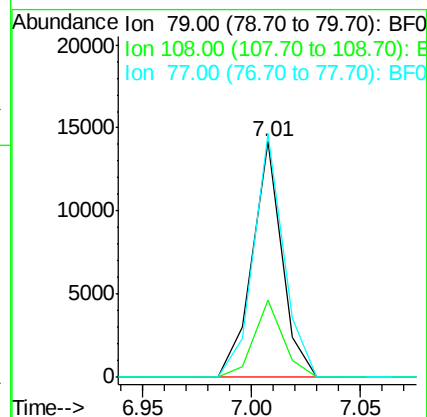
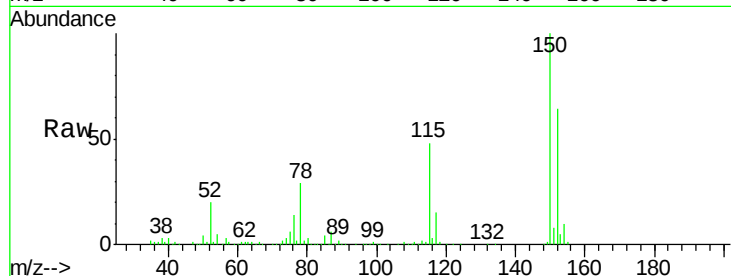
Tgt Ion: 79 Resp: 13438

Ion Ratio Lower Upper

79 100

108 32.9 61.8 92.6#

77 103.3 49.6 74.4#



#19

n-Nitroso-di-n-propylamine

Concen: 20.62 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

Tgt Ion: 70 Resp: 115878

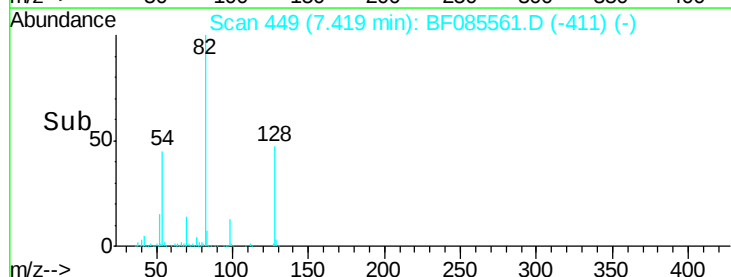
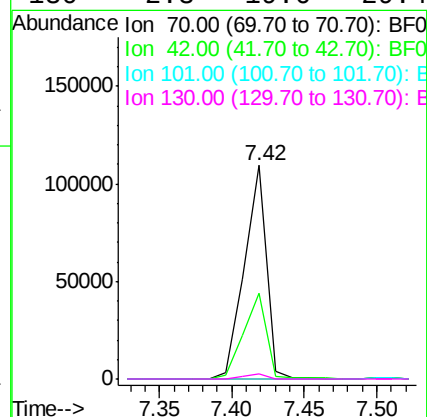
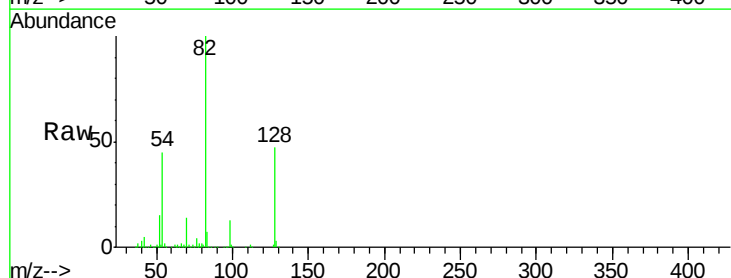
Ion Ratio Lower Upper

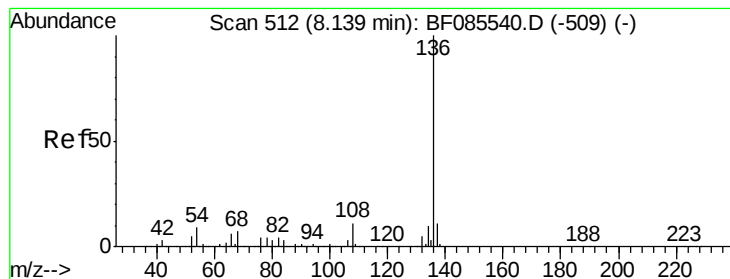
70 100

42 40.0 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 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: BF085561.D

Acq: 19 Mar 2016 8:27

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-8C

Tgt Ion:136 Resp: 519715

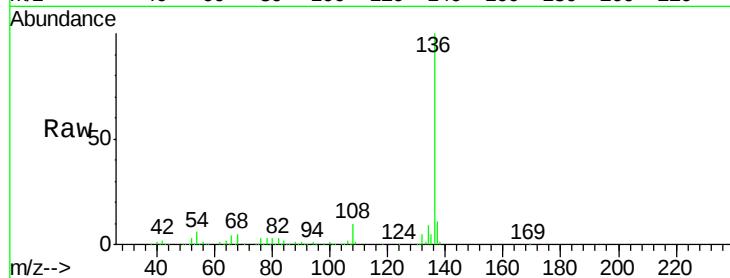
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.8 7.4 11.0#

68 5.1 5.8 8.8#

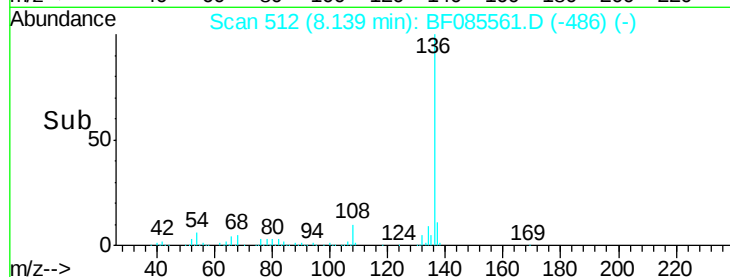


Abundance Ion 136.00 (135.70 to 136.70): E

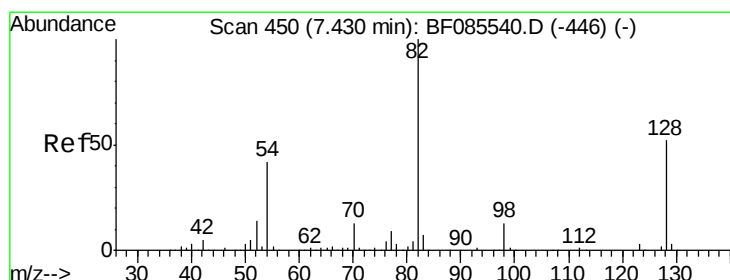
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20 8.30



#23

Nitrobenzene-d5

Concen: 95.90 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085561.D

Acq: 19 Mar 2016 8:27

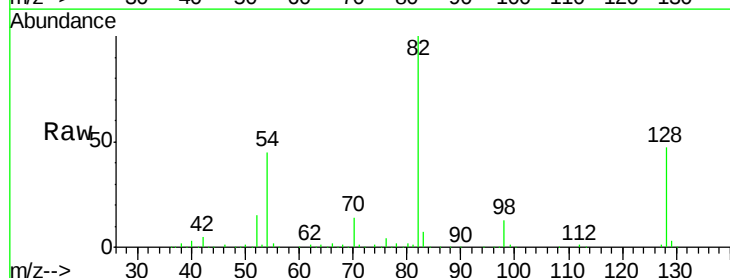
Tgt Ion: 82 Resp: 858668

Ion Ratio Lower Upper

82 100

128 46.8 41.8 62.8

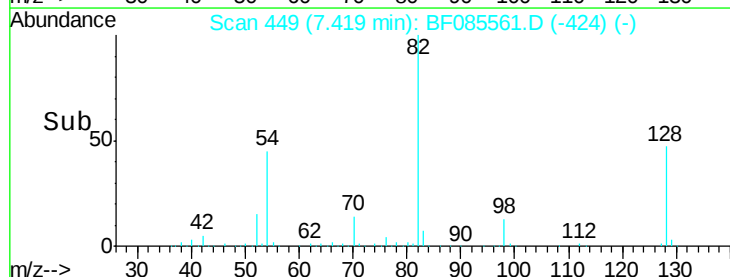
54 45.2 33.4 50.0



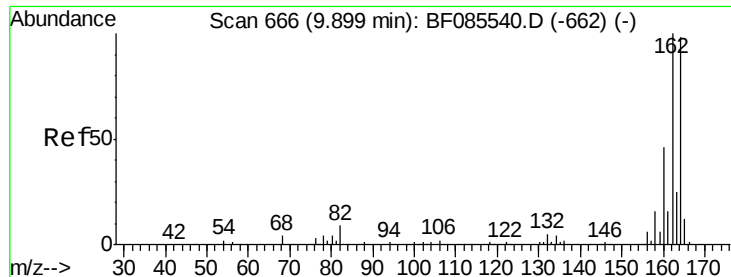
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



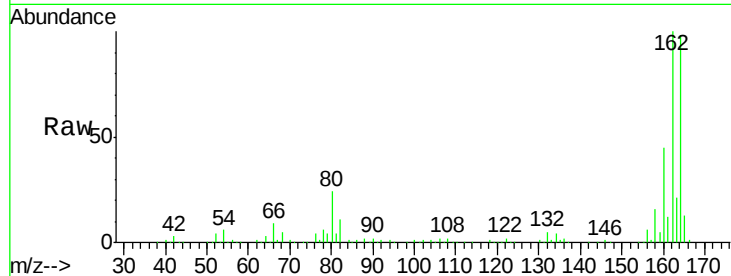
Time--> 7.30 7.40 7.50 7.60 7.70



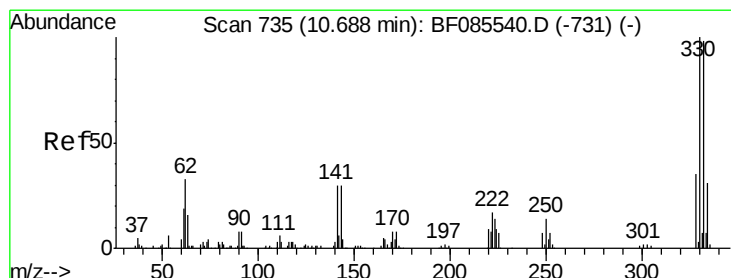
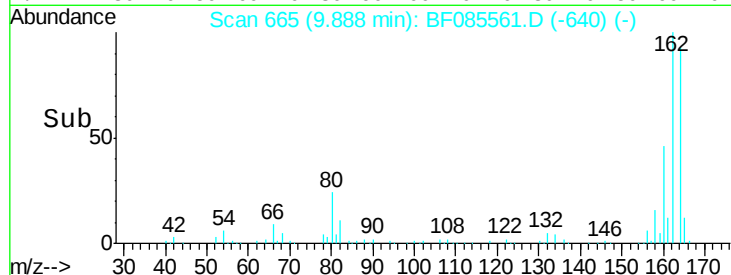
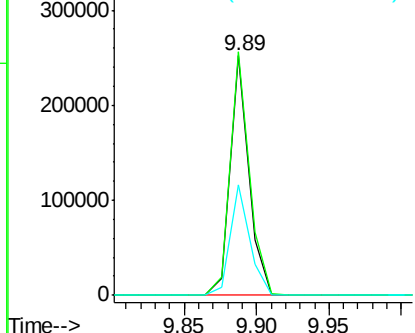
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-8C

Tgt Ion:164 Resp: 226534
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.1 123.1
 160 46.2 37.4 56.2

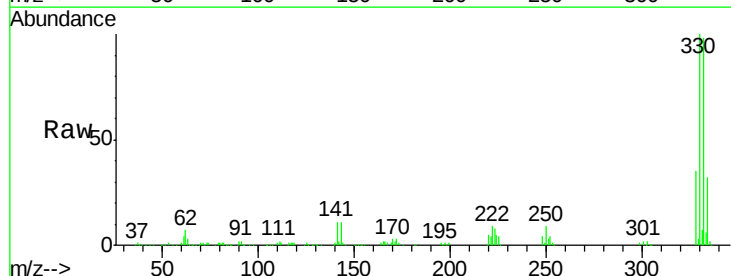


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

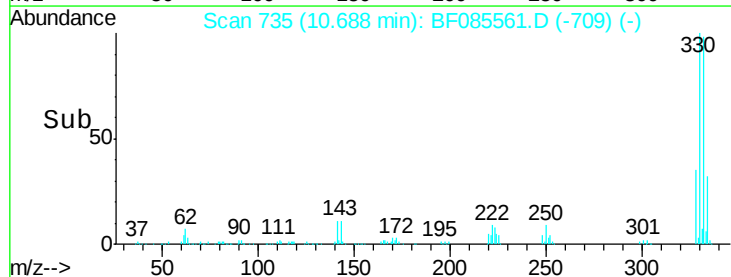
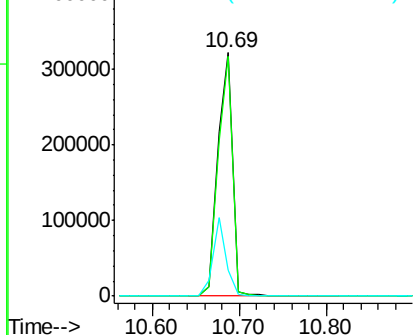


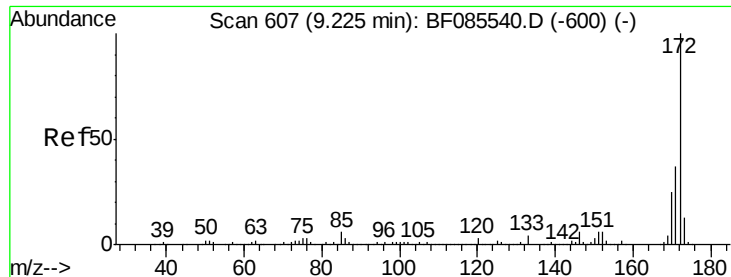
#41
 2,4,6-Tribromophenol
 Concen: 174.63 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

Tgt Ion:330 Resp: 387512
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.2 117.2
 141 28.8 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



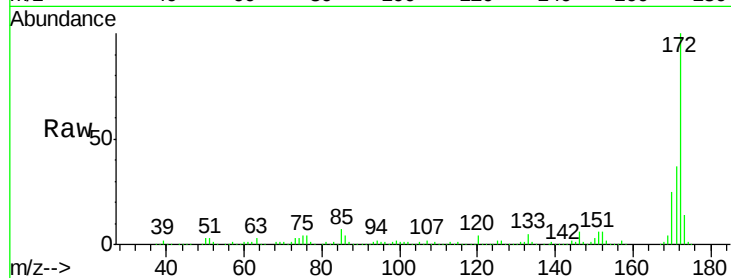


#44
 2-Fluorobiphenyl
 Concen: 107.31 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

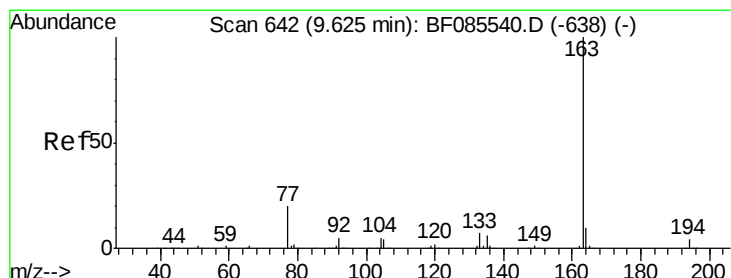
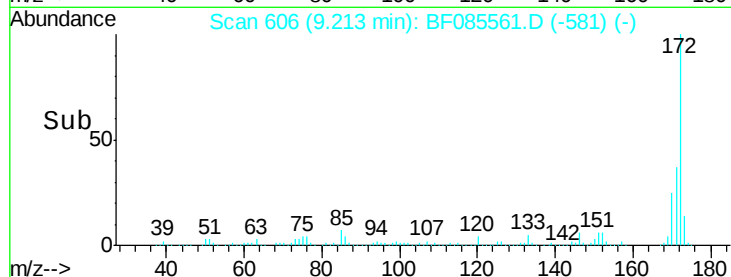
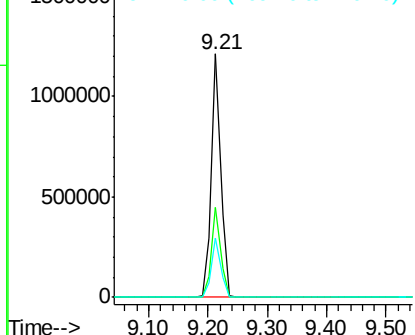
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-8C

Tgt Ion:172 Resp: 1332222

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	24.6	19.8	29.6



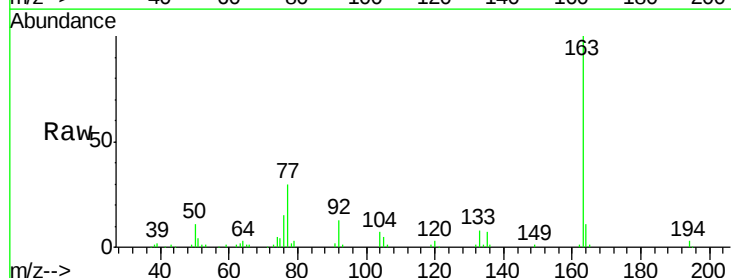
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



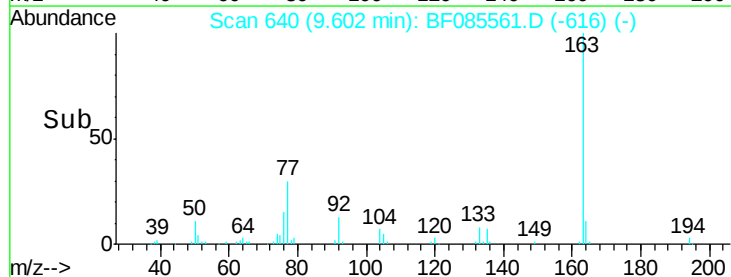
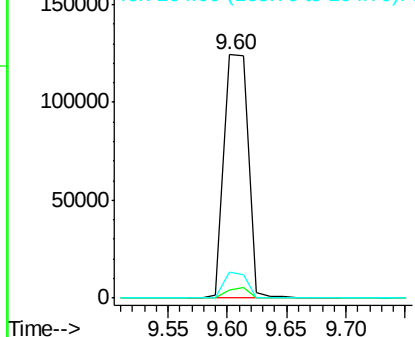
#49
 Dimethylphthalate
 Concen: 10.23 ng
 RT: 9.60 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

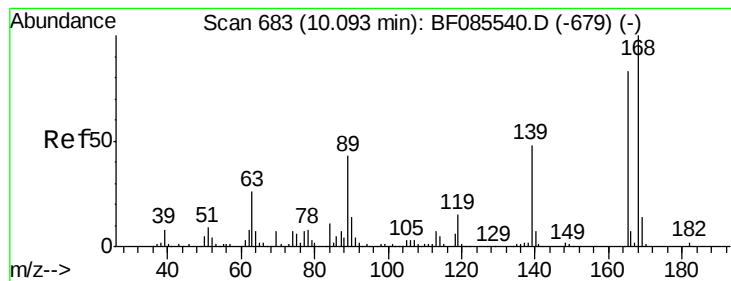
Tgt Ion:163 Resp: 174925

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.9	4.3
164	10.9	8.3	12.5



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

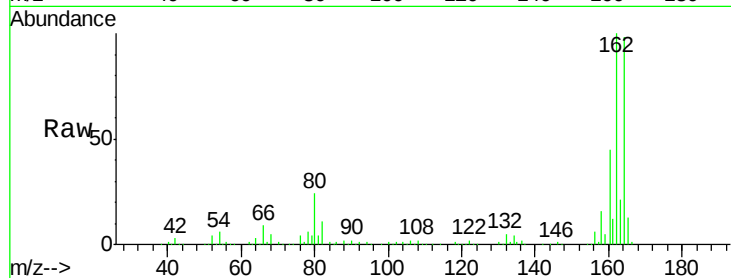




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-8C

Tgt Ion:	165	Resp:	28969
Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	1.8	41.0	61.6#
182	0.0	2.1	3.1#

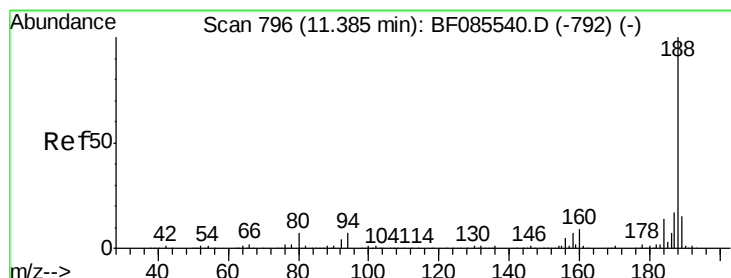
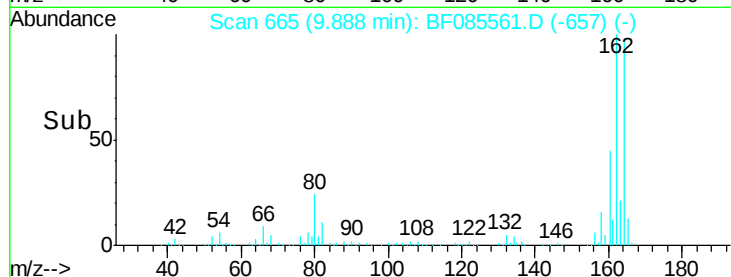
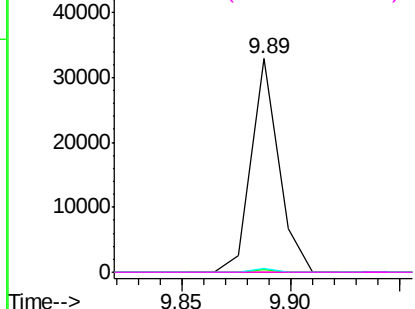


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

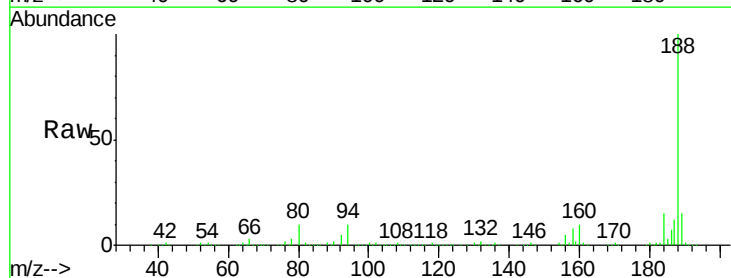
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

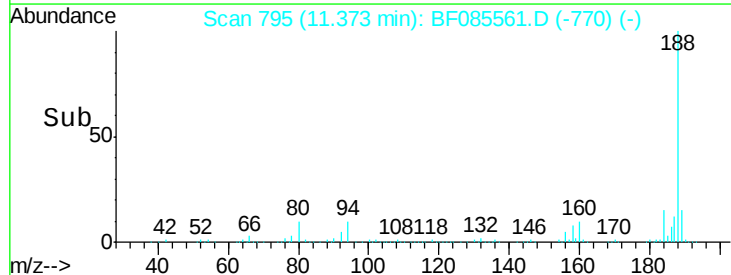
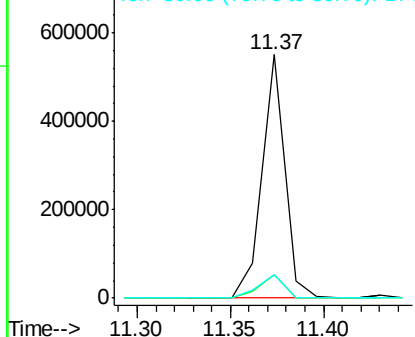
Tgt Ion:	188	Resp:	461387
Ion	Ratio	Lower	Upper
188	100		
94	9.6	5.4	8.0#
80	9.8	5.5	8.3#

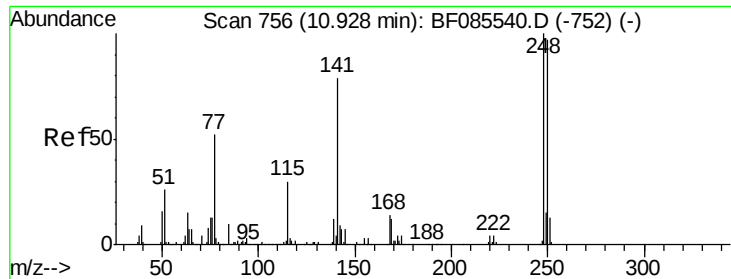


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

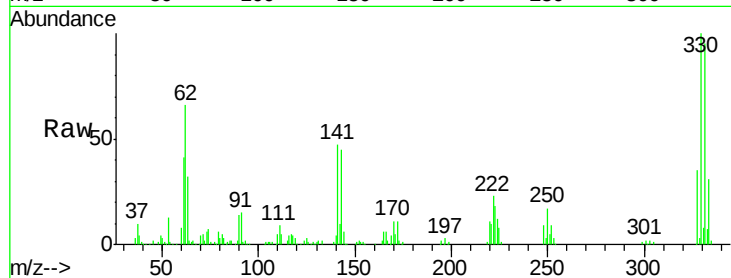




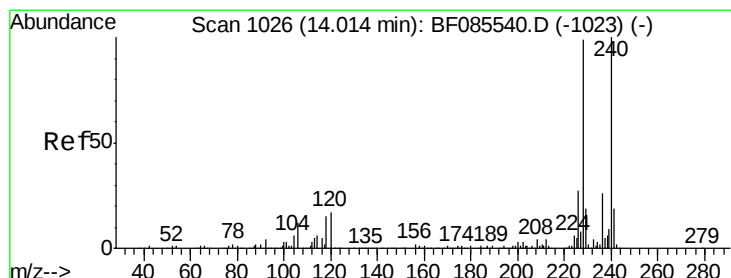
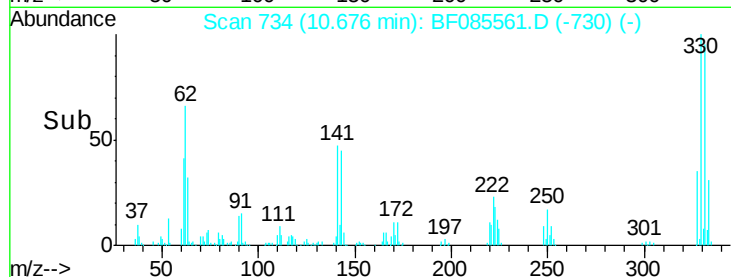
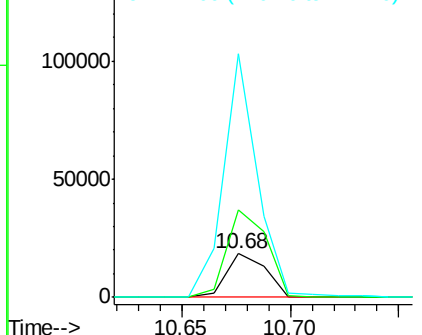
#66
 4-Bromophenyl-phenylether
 Concen: 5.05 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.25 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-8C

Tgt Ion:248 Resp: 23280
 Ion Ratio Lower Upper
 248 100
 250 199.1 77.4 116.0#
 141 557.1 63.6 95.4#

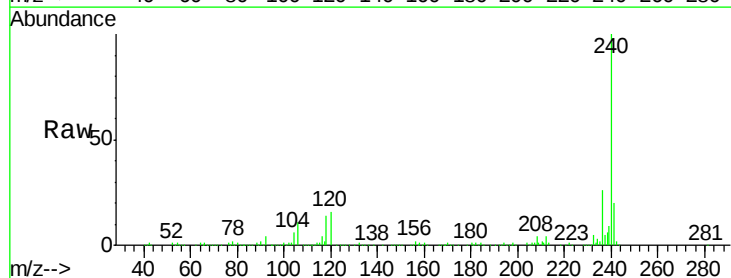


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

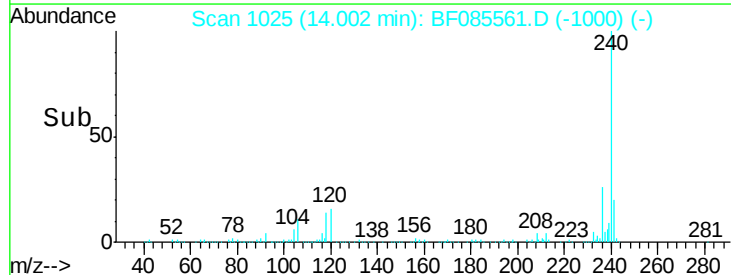
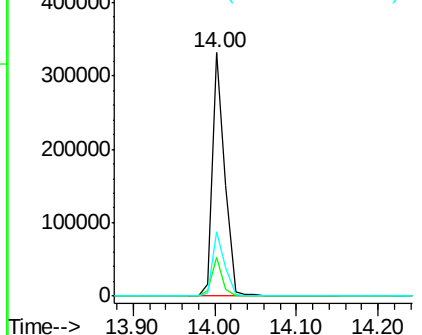


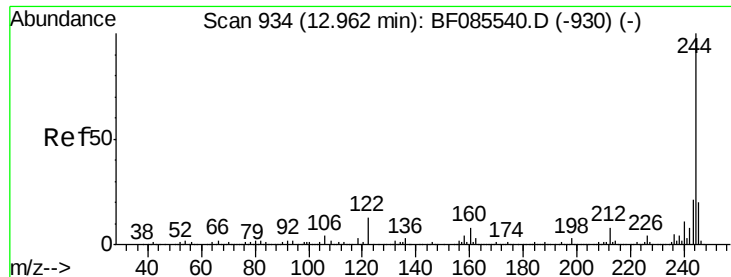
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

Tgt Ion:240 Resp: 352613
 Ion Ratio Lower Upper
 240 100
 120 16.2 13.8 20.8
 236 26.4 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

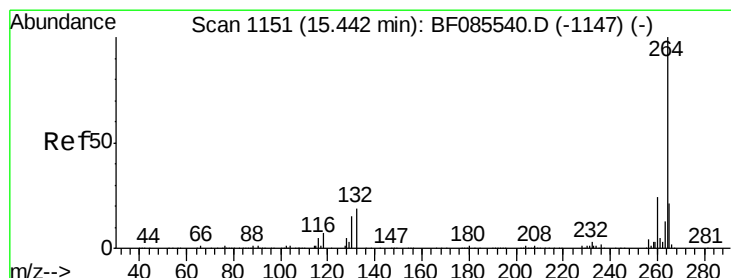
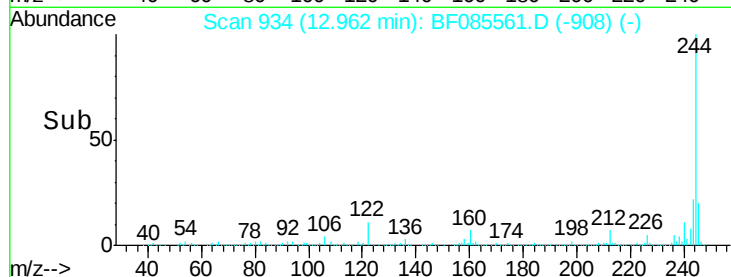
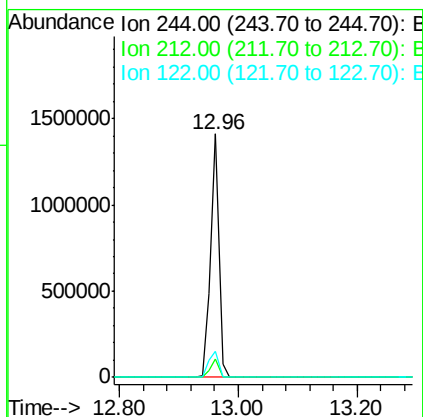
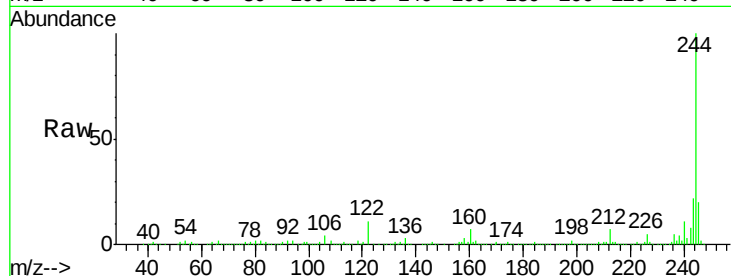




#78
 Terphenyl-d14
 Concen: 93.71 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085561.D
 Acq: 19 Mar 2016 8:27

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-8C

Tgt Ion:244 Resp: 1373130
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.8 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: BF085561.D
 Acq: 19 Mar 2016 8:27

Tgt Ion:264 Resp: 271484
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.8 17.2 25.8

