

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085650.D
 Acq On : 22 Mar 2016 6:40
 Operator : UM/SJ
 Sample : H1837-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11B

Quant Time: Mar 22 06:53:18 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

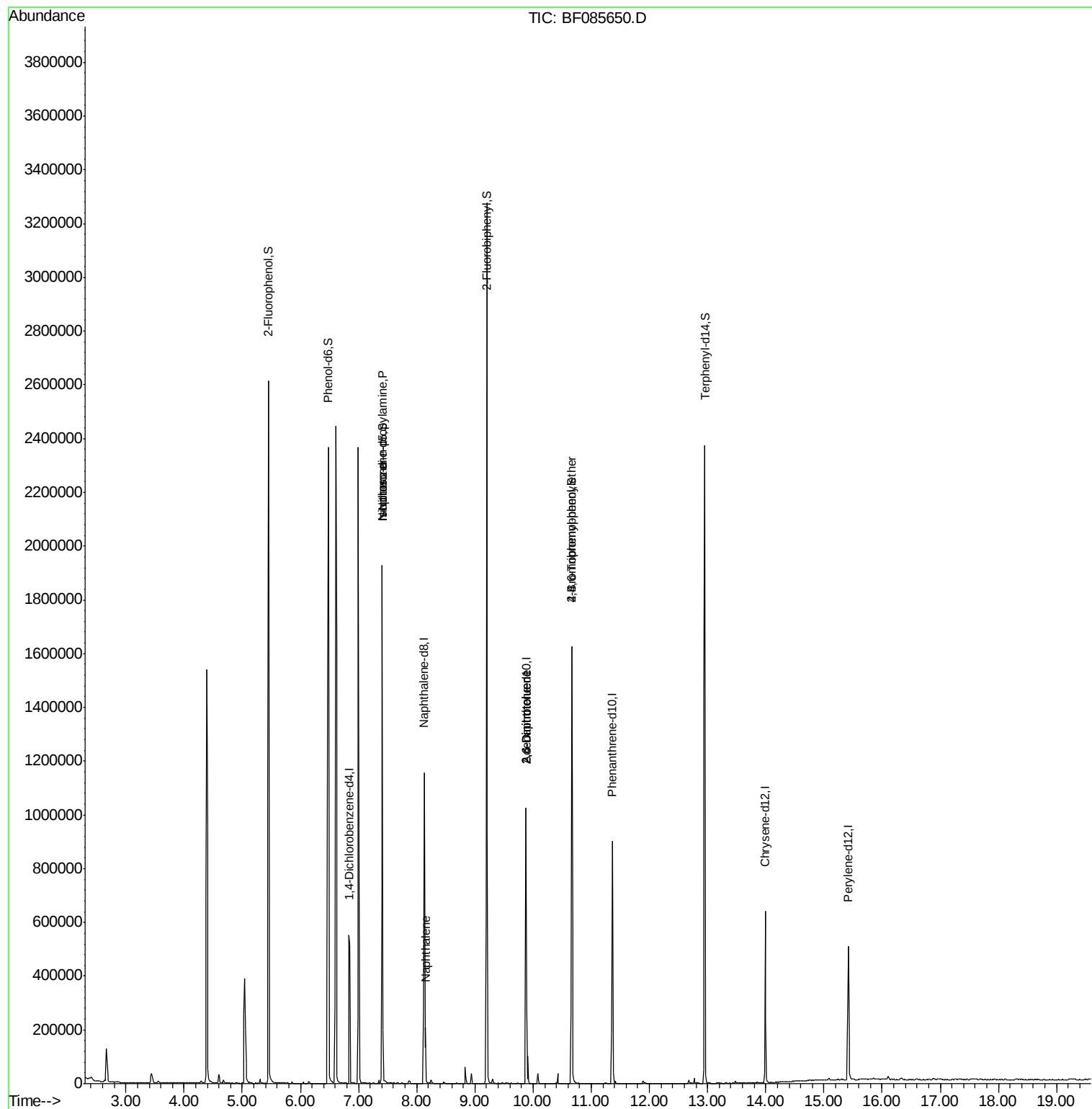
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	127302	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	520236	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	202016	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	320805	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	233088	20.00	ng	-0.02
86) Perylene-d12	15.42	264	227098	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	843641	111.31	ng	0.00
7) Phenol-d6	6.48	99	1082169	111.33	ng	-0.01
23) Nitrobenzene-d5	7.41	82	713941	79.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	223954	113.17	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1169740	104.87	ng	-0.02
78) Terphenyl-d14	12.95	244	914433	94.40	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	1456	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	94431	16.26 ng	#	78
25) Isophorone	7.41	82	529866	29.53 ng	#	68
31) Naphthalene	8.15	128	105844	4.03 ng	#	98
50) 2,6-Dinitrotoluene	9.88	165	25475	7.92 ng	#	19
56) 2,4-Dinitrotoluene	9.88	165	25477	6.05 ng	#	37
66) 4-Bromophenyl-phenylether	10.66	248	14855	4.64 ng	#	1

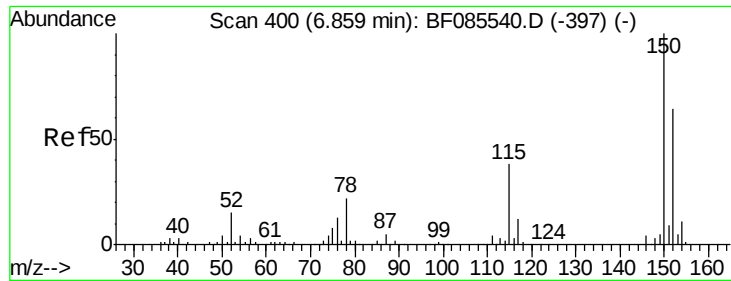
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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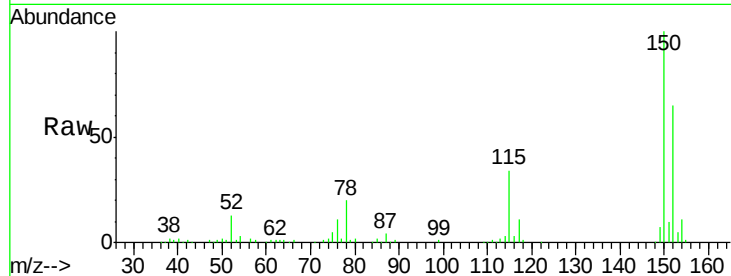




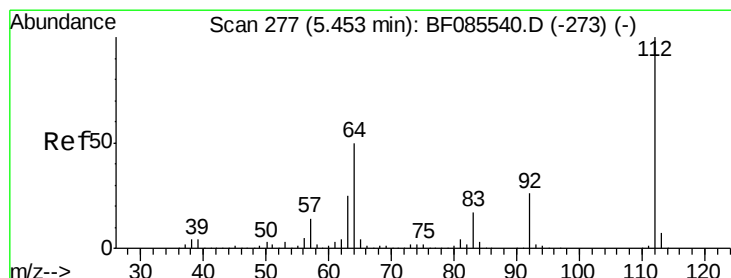
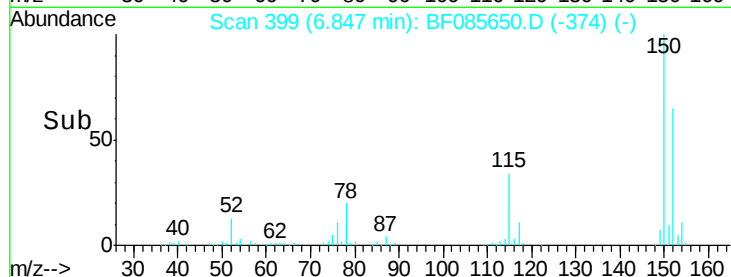
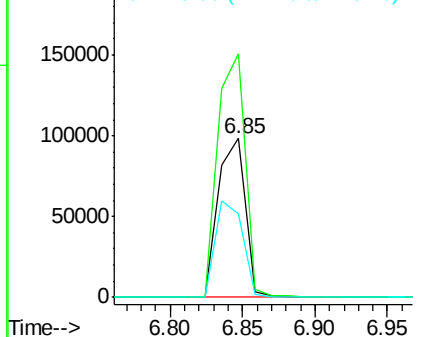
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF085650.D
 Acq: 22 Mar 2016 6:40

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11B

Tgt Ion:152 Resp: 127302
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.2 186.2
 115 52.7 47.0 70.6

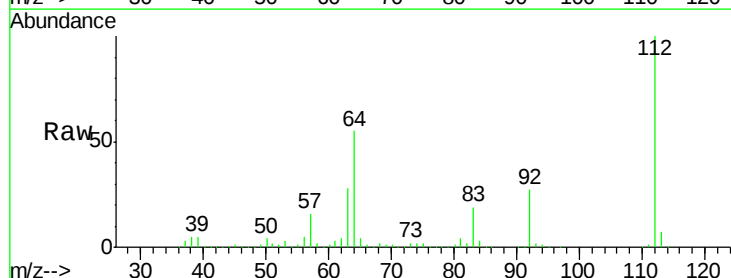


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

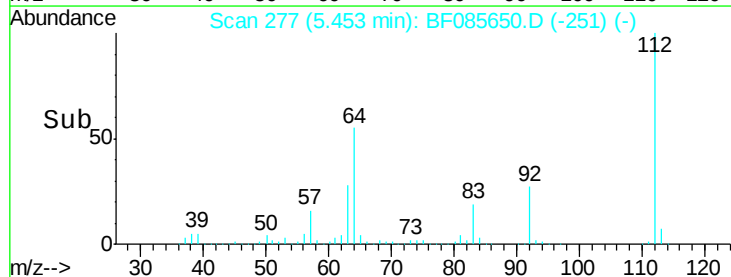
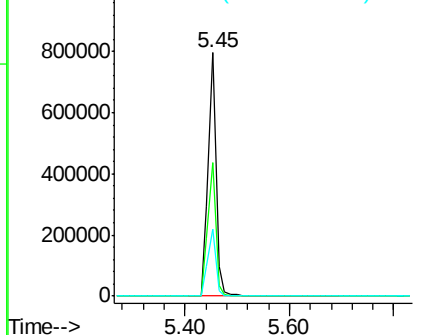


#5
 2-Fluorophenol
 Concen: 111.31 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.00 min
 Lab File: BF085650.D
 Acq: 22 Mar 2016 6:40

Tgt Ion:112 Resp: 843641
 Ion Ratio Lower Upper
 112 100
 64 54.6 39.9 59.9
 63 27.6 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: 111.33 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085650.D

Acq: 22 Mar 2016 6:40

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11B

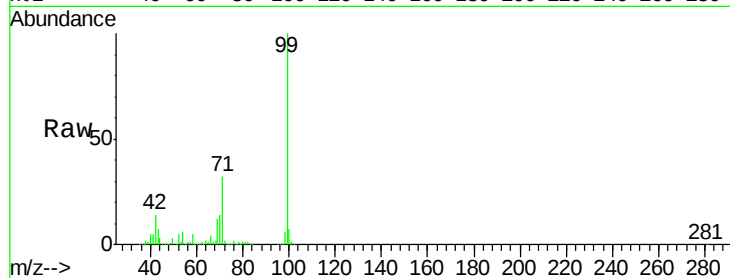
Tgt Ion: 99 Resp: 1082169

Ion Ratio Lower Upper

99 100

42 13.7 11.1 16.7

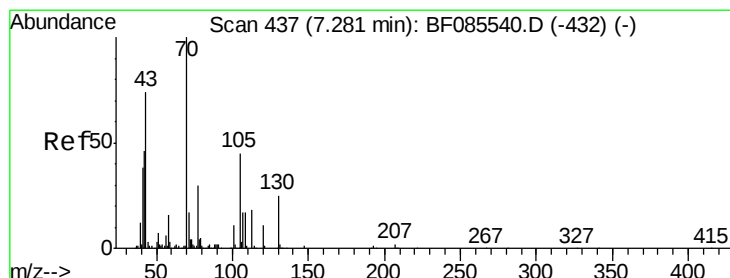
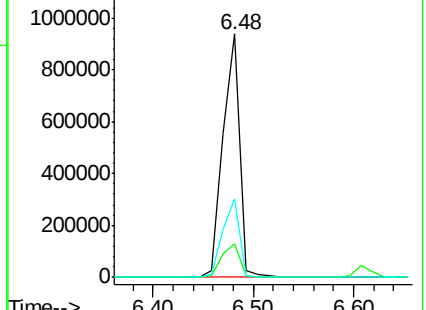
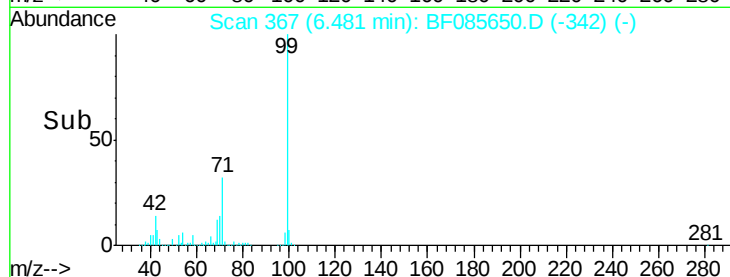
71 32.3 24.9 37.3



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: 16.26 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.13 min

Lab File: BF085650.D

Acq: 22 Mar 2016 6:40

Tgt Ion: 70 Resp: 94431

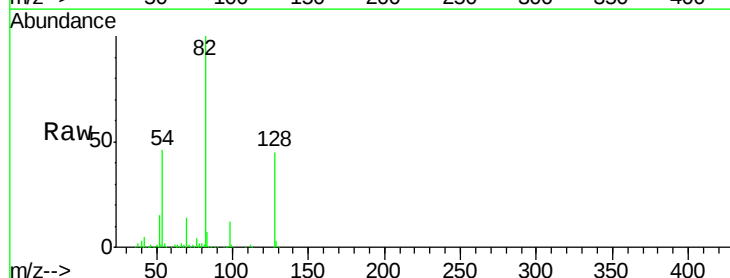
Ion Ratio Lower Upper

70 100

42 40.3 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

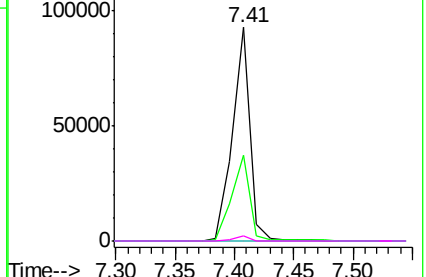
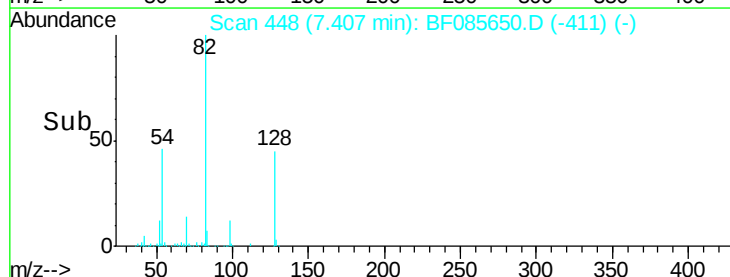


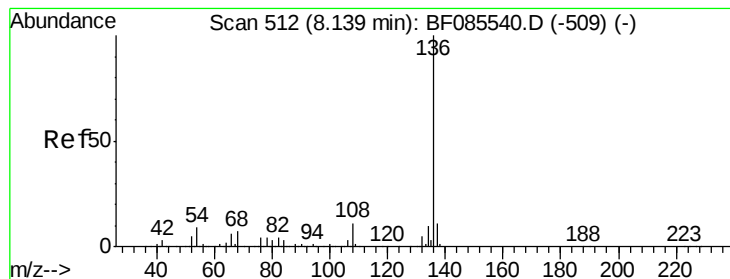
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085650.D

Acq: 22 Mar 2016 6:40

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11B

Tgt Ion: 136 Resp: 520236

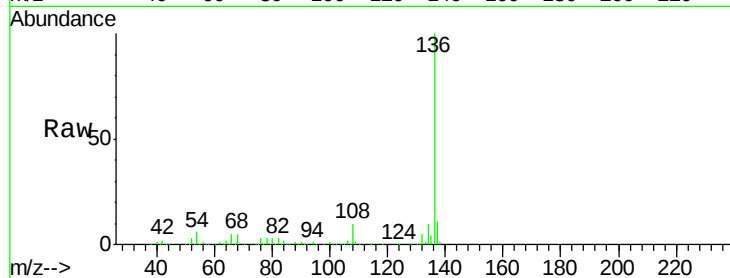
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.2 7.4 11.0#

68 5.4 5.8 8.8#

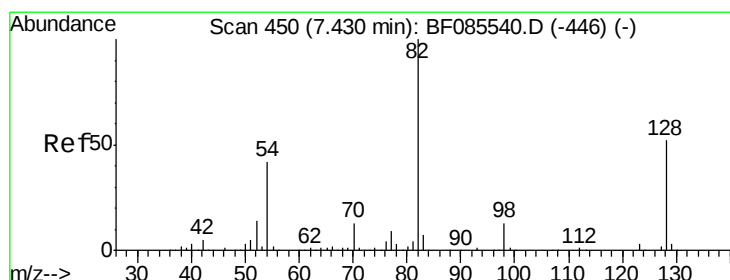
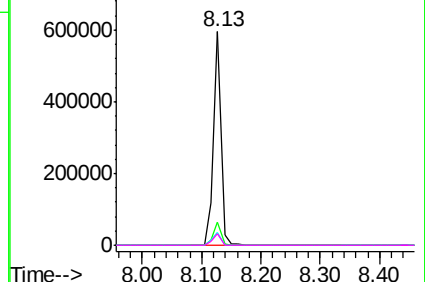
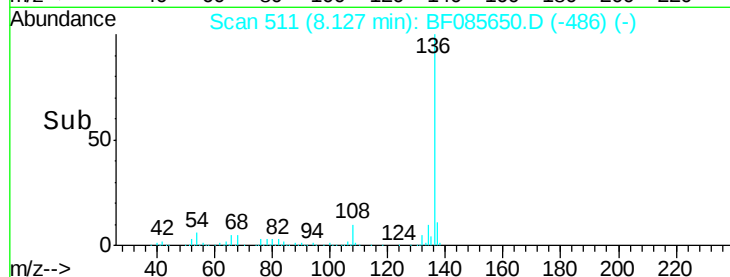


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.66 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085650.D

Acq: 22 Mar 2016 6:40

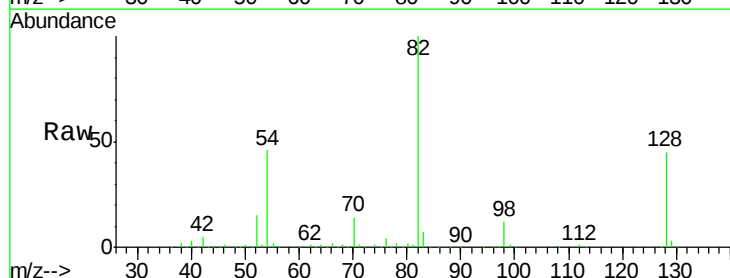
Tgt Ion: 82 Resp: 713941

Ion Ratio Lower Upper

82 100

128 45.0 41.8 62.8

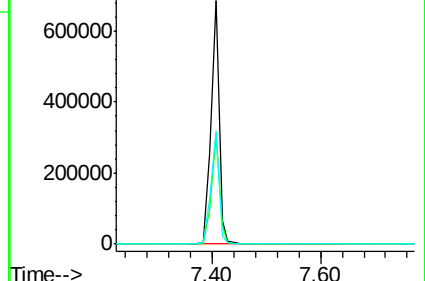
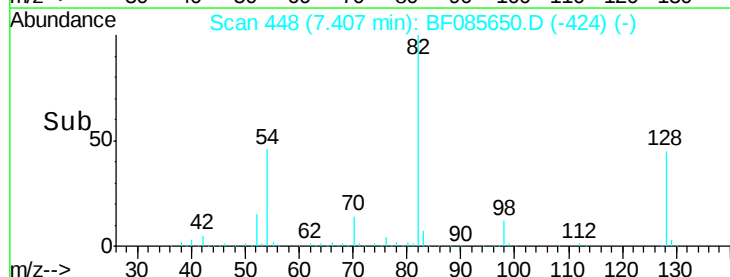
54 46.4 33.4 50.0

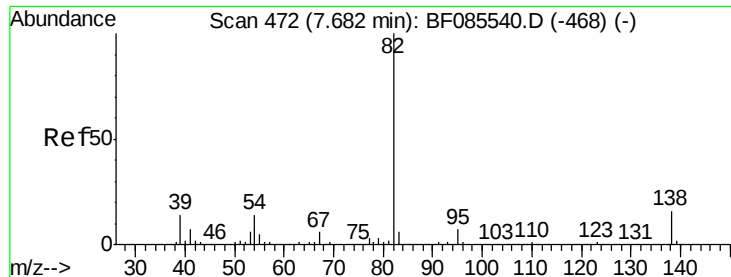


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.53 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.27 min

Lab File: BF085650.D

Acq: 22 Mar 2016 6:40

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11B

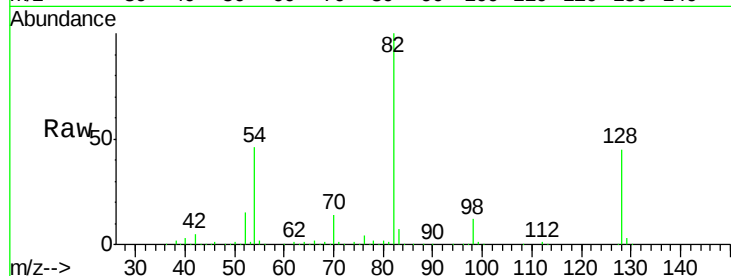
Tgt Ion: 82 Resp: 529866

Ion Ratio Lower Upper

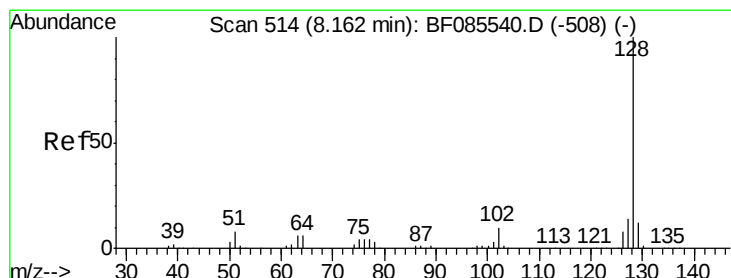
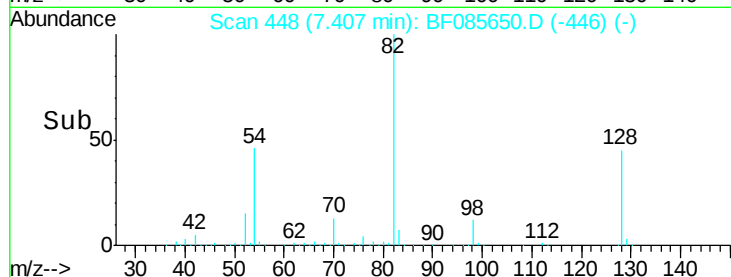
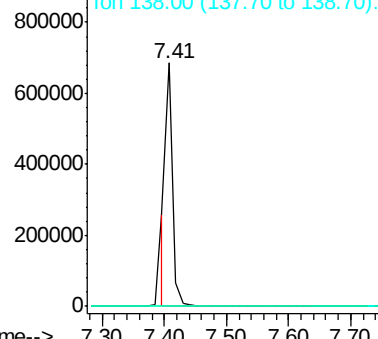
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 4.03 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF085650.D

Acq: 22 Mar 2016 6:40

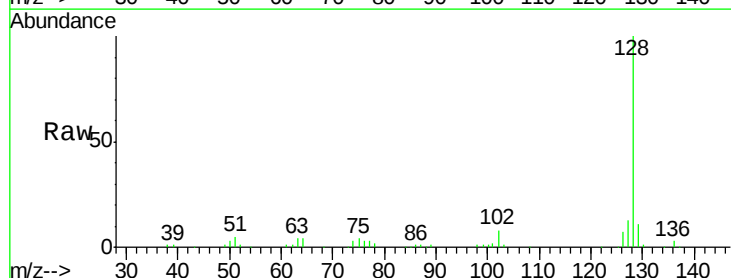
Tgt Ion: 128 Resp: 105844

Ion Ratio Lower Upper

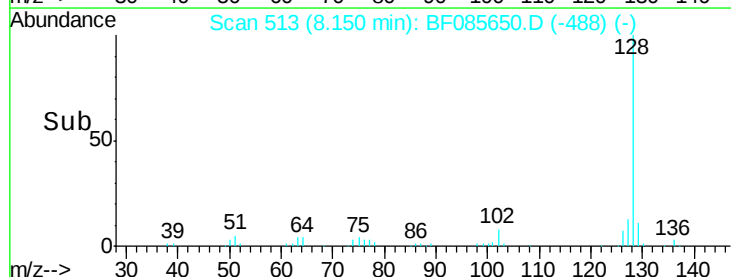
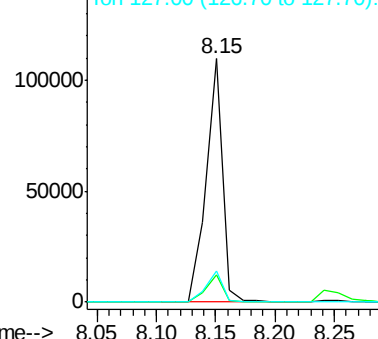
128 100

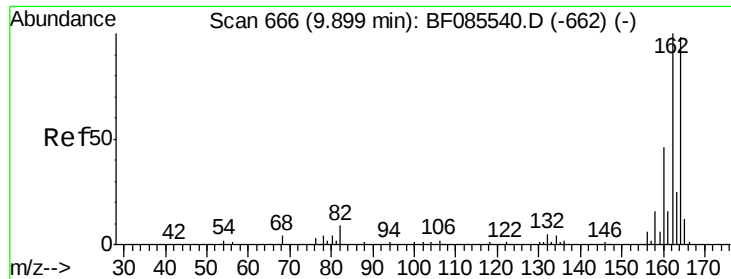
129 11.1 9.4 14.0

127 12.9 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

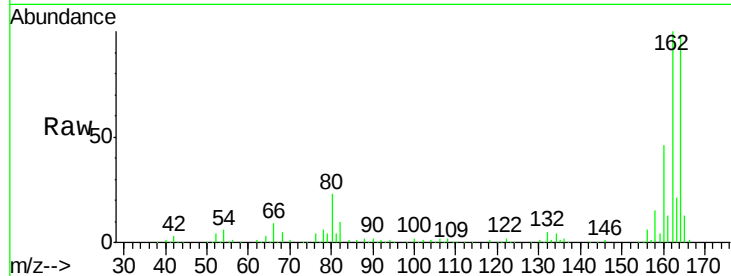




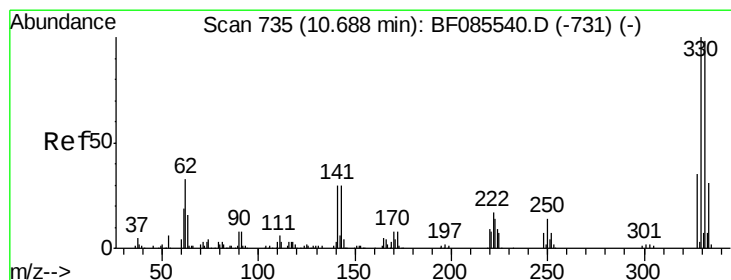
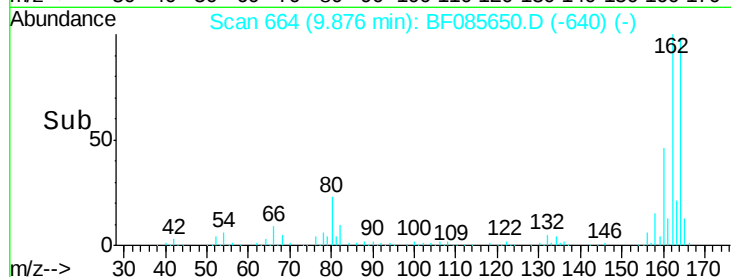
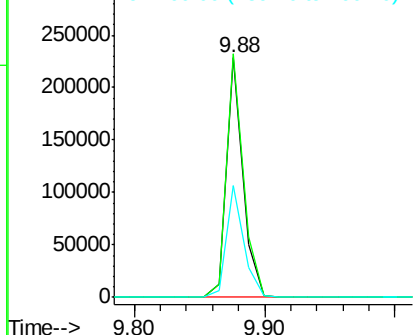
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF085650.D
 Acq: 22 Mar 2016 6:40

Instrument :
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 TRACK-D-GRID-11B

Tgt Ion:164 Resp: 202016
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.1 123.1
 160 46.6 37.4 56.2

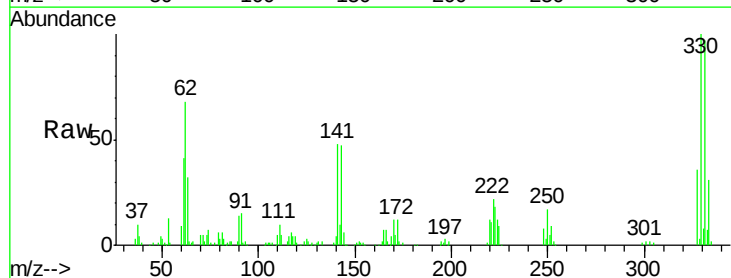


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

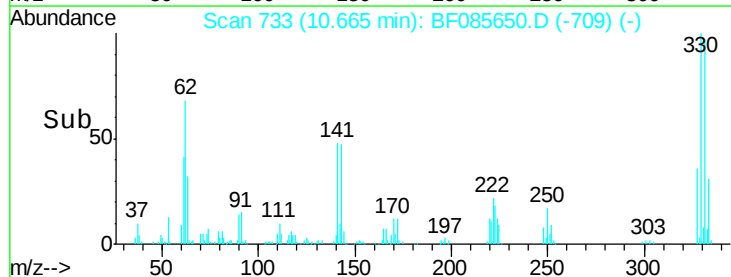
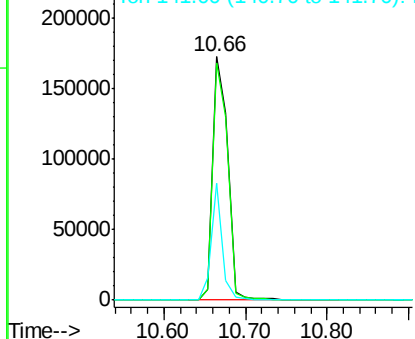


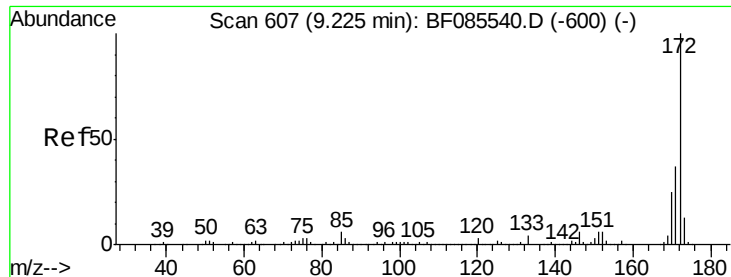
#41
 2,4,6-Tribromophenol
 Concen: 113.17 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085650.D
 Acq: 22 Mar 2016 6:40

Tgt Ion:330 Resp: 223954
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.2
 141 35.9 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

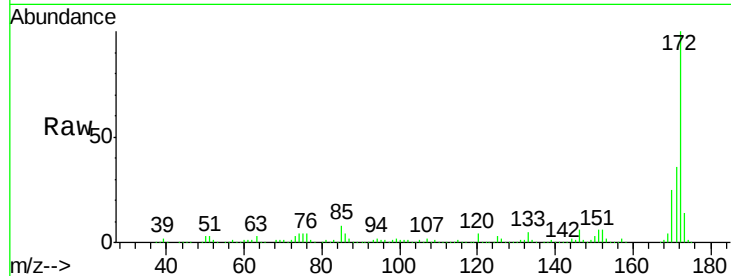




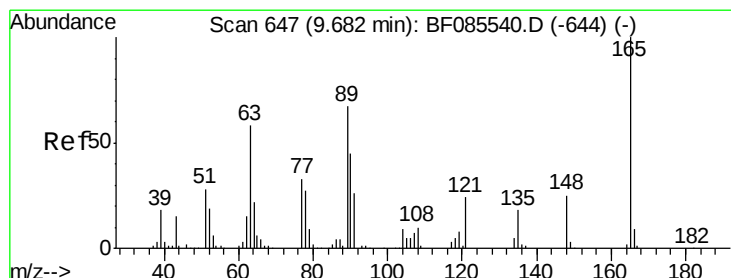
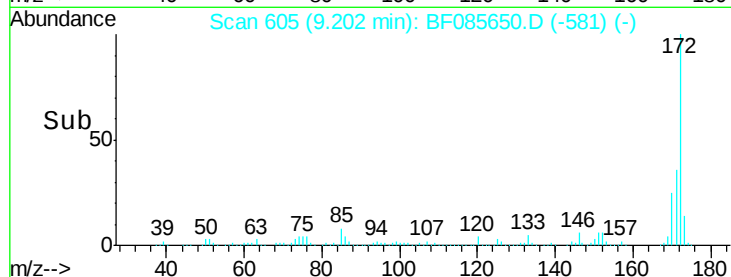
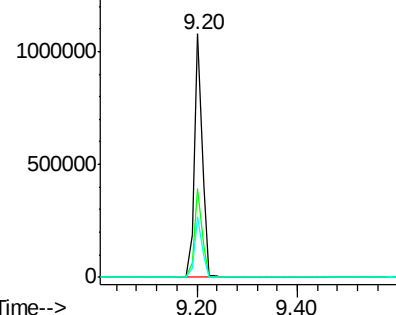
#44
 2-Fluorobiphenyl
 Concen: 104.87 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085650.D
 Acq: 22 Mar 2016 6:40

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11B

Tgt Ion:172 Resp: 1169740
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.7 19.8 29.6

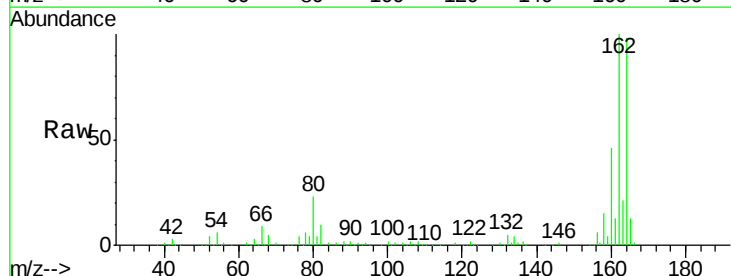


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

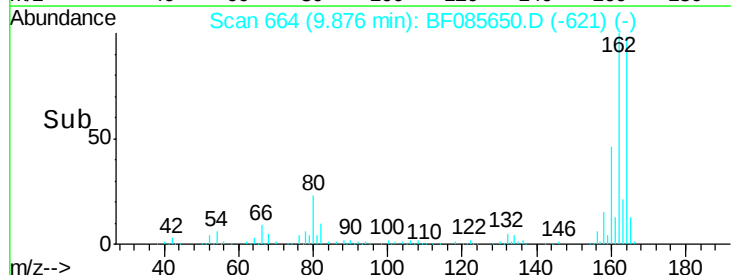
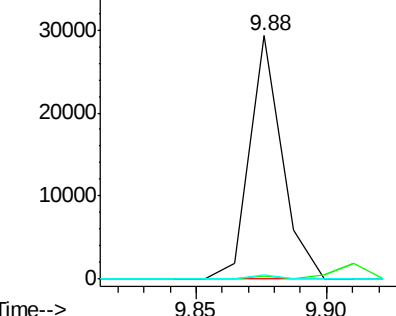


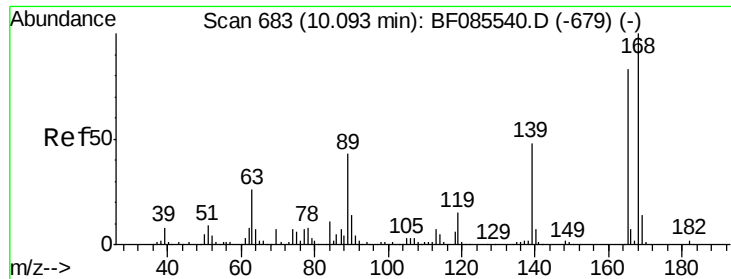
#50
 2,6-Dinitrotoluene
 Concen: 7.92 ng
 RT: 9.88 min Scan# 664
 Delta R.T. 0.19 min
 Lab File: BF085650.D
 Acq: 22 Mar 2016 6:40

Tgt Ion:165 Resp: 25475
 Ion Ratio Lower Upper
 165 100
 63 1.1 51.8 77.8#
 89 1.6 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

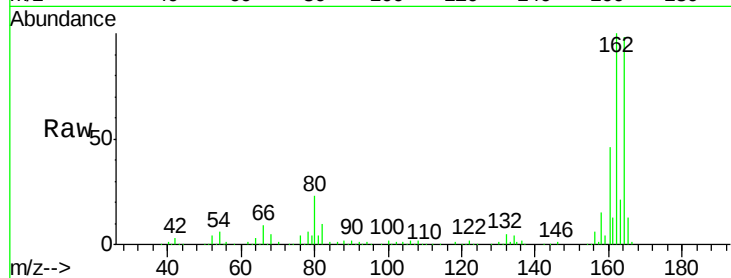




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.22 min
 Lab File: BF085650.D
 Acq: 22 Mar 2016 6:40

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11B

Tgt Ion:	165	Resp:	25477
Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#

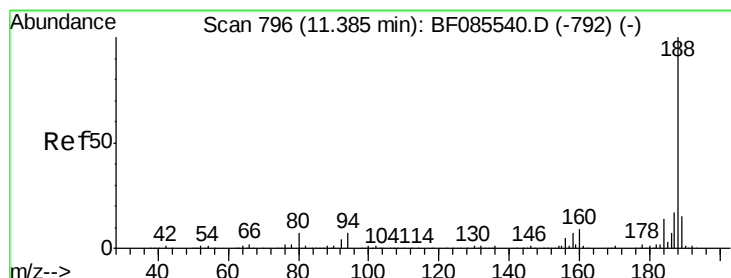
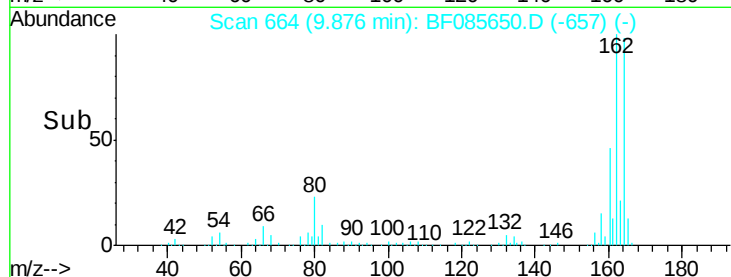
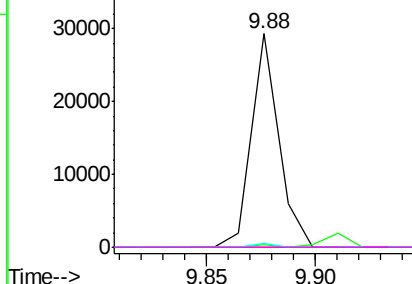


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

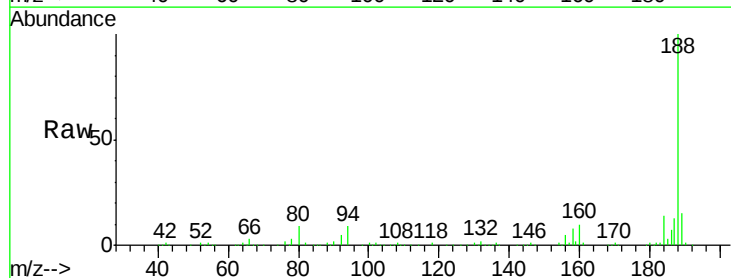
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF085650.D
 Acq: 22 Mar 2016 6:40

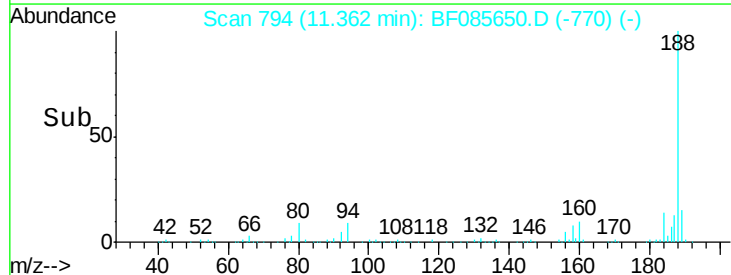
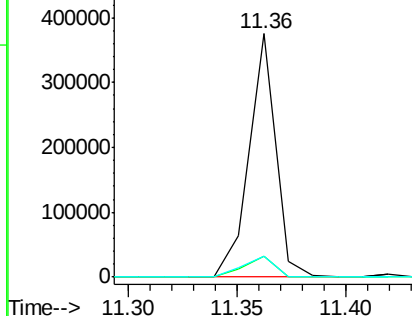
Tgt Ion:	188	Resp:	320805
Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.4	8.0#
80	8.7	5.5	8.3#

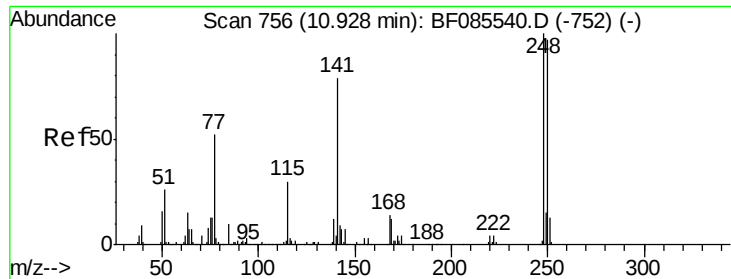


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

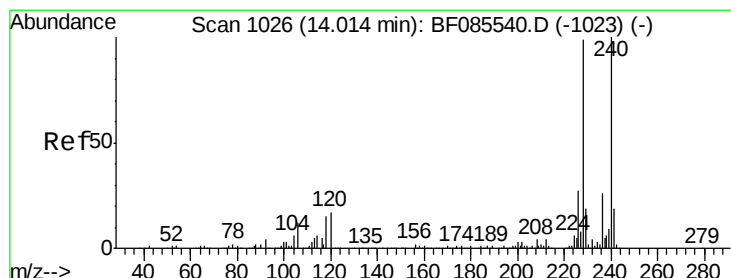
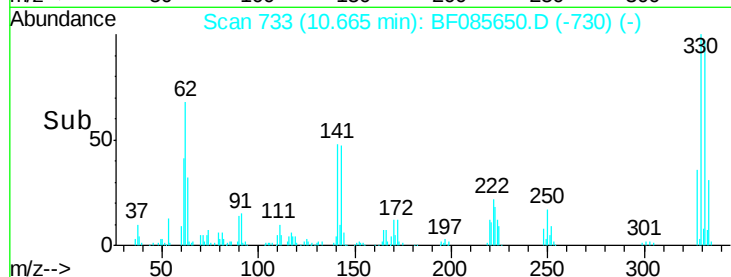
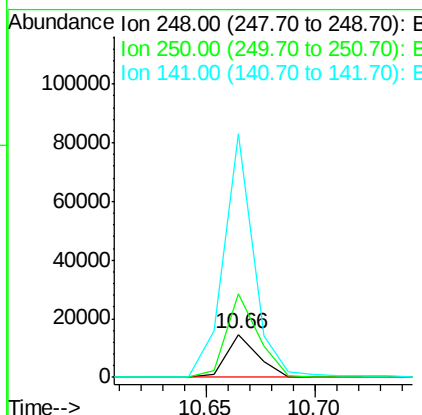
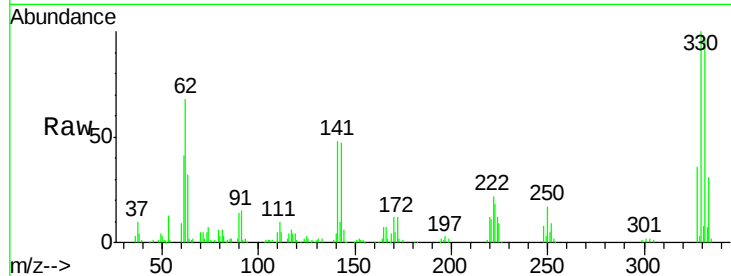




#66
 4-Bromophenyl-phenylether
 Concen: 4.64 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085650.D
 Acq: 22 Mar 2016 6:40

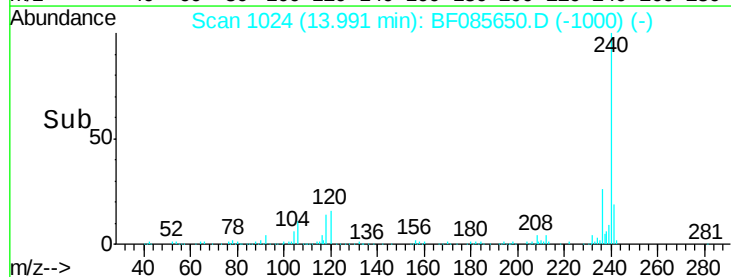
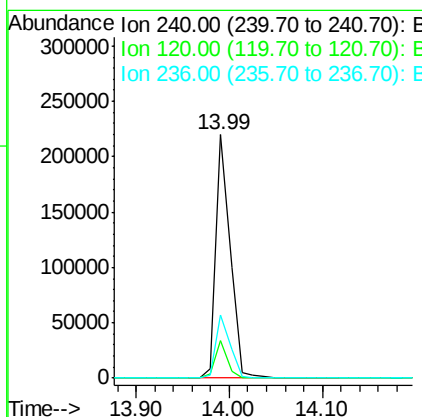
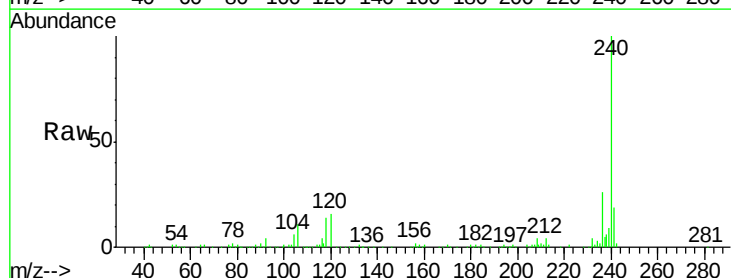
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11B

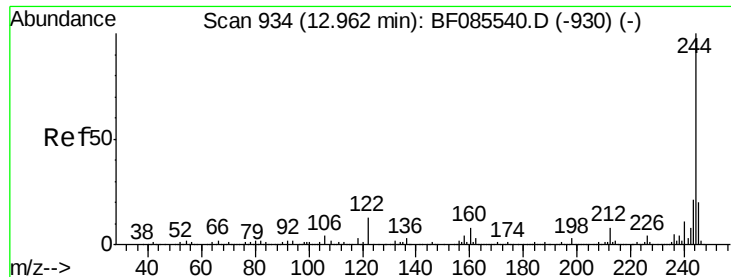
Tgt Ion:248 Resp: 14855
 Ion Ratio Lower Upper
 248 100
 250 195.9 77.4 116.0#
 141 566.1 63.6 95.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF085650.D
 Acq: 22 Mar 2016 6:40

Tgt Ion:240 Resp: 233088
 Ion Ratio Lower Upper
 240 100
 120 15.6 13.8 20.8
 236 25.8 20.6 30.8

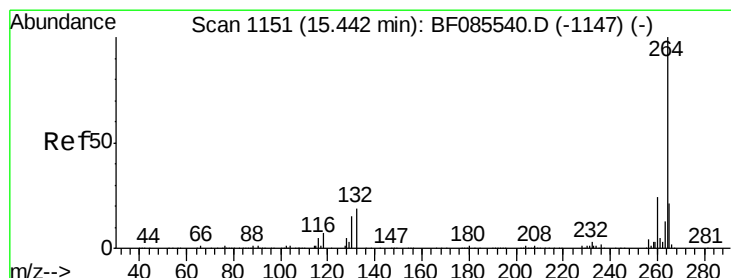
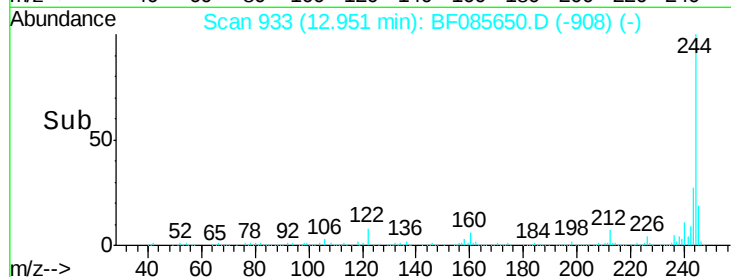
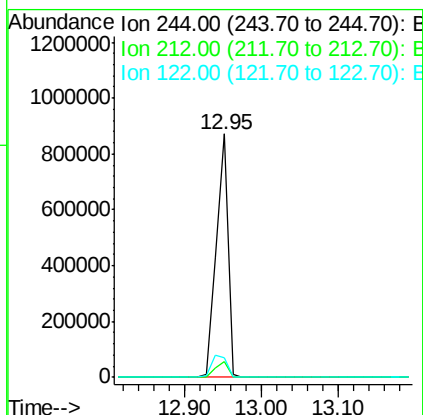
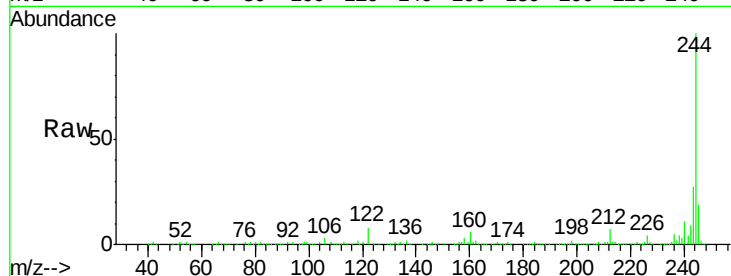




#78
 Terphenyl-d14
 Concen: 94.40 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085650.D
 Acq: 22 Mar 2016 6:40

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11B

Tgt Ion:244 Resp: 914433
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 8.1 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085650.D
 Acq: 22 Mar 2016 6:40

Tgt Ion:264 Resp: 227098
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.4 17.2 25.8

