

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085265.D
 Acq On : 8 Mar 2016 19:45
 Operator : UM/SJ
 Sample : H1684-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-2

Quant Time: Mar 09 00:05:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

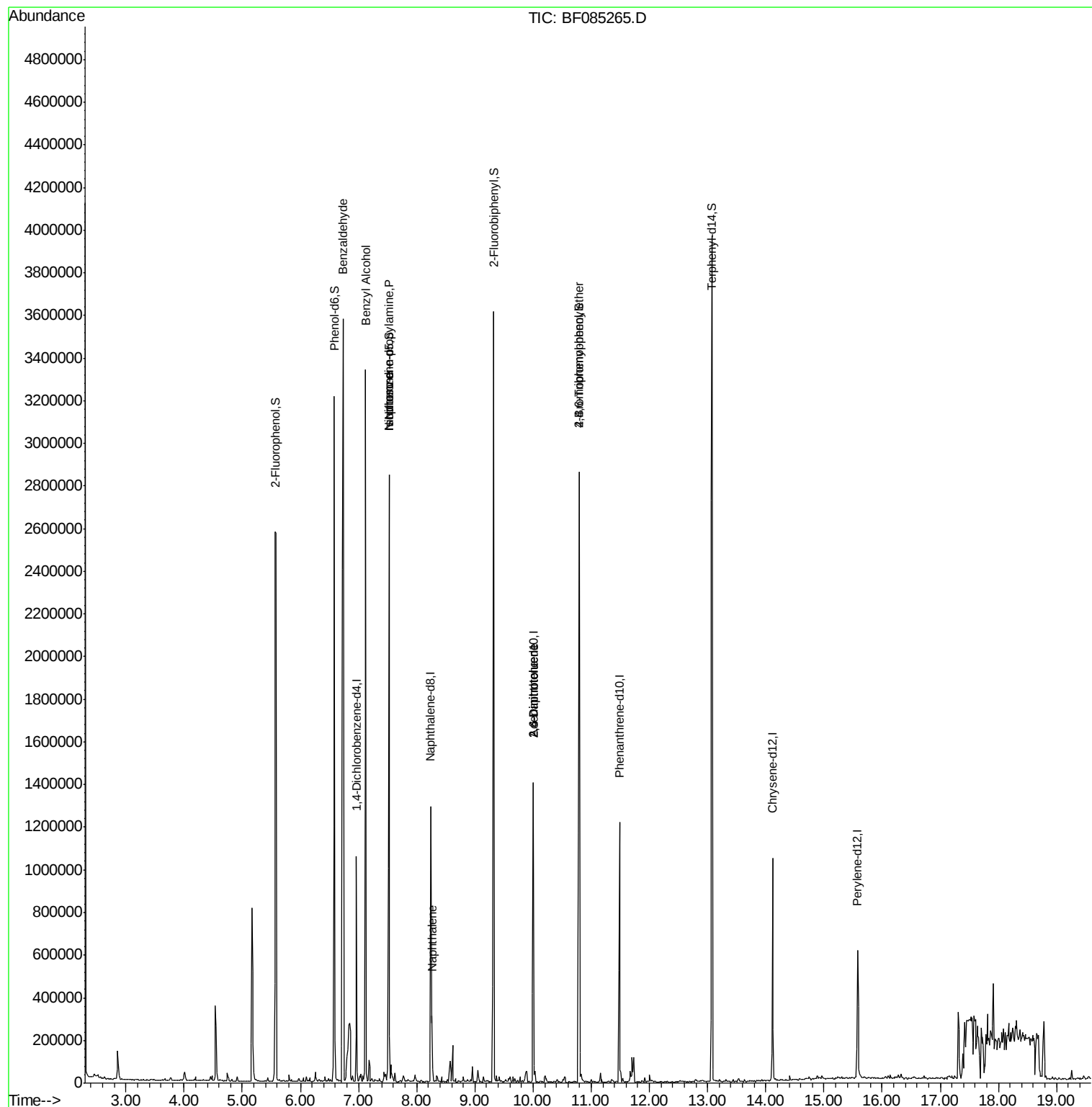
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	148740	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	553125	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	281418	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	481616	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	337450	20.00	ng	-0.03
86) Perylene-d12	15.58	264	269207	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1198589	135.17	ng	0.00
7) Phenol-d6	6.58	99	1199523	103.25	ng	-0.02
23) Nitrobenzene-d5	7.52	82	914203	88.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	355681	147.71	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1723668	93.15	ng	-0.02
78) Terphenyl-d14	13.08	244	1603711	110.32	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	27694	2.23	ng	Qvalue 88
15) Benzyl Alcohol	7.12	79	18362	2.15	ng	# 45
19) n-Nitroso-di-n-propylamine	7.52	70	124248	16.41	ng	# 79
25) Isophorone	7.52	82	684609	35.74	ng	# 67
31) Naphthalene	8.26	128	102198	3.76	ng	98
50) 2,6-Dinitrotoluene	10.00	165	35384	7.66	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	35590	6.02	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	26941	5.76	ng	# 1

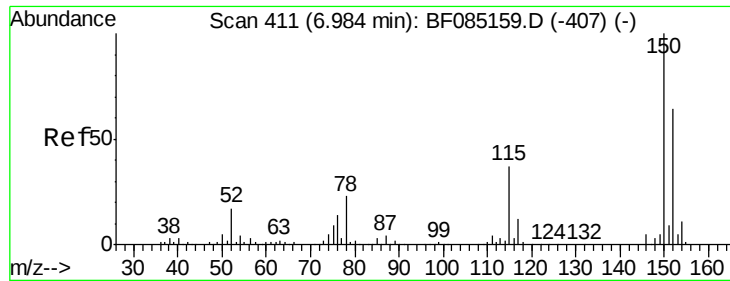
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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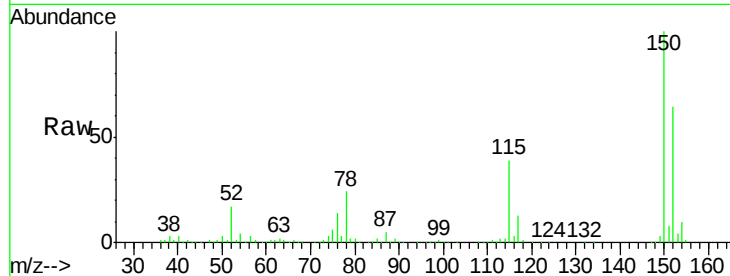




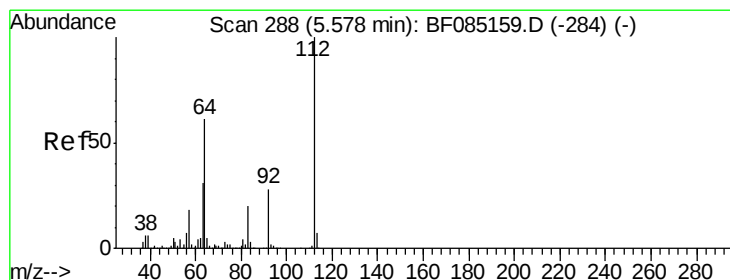
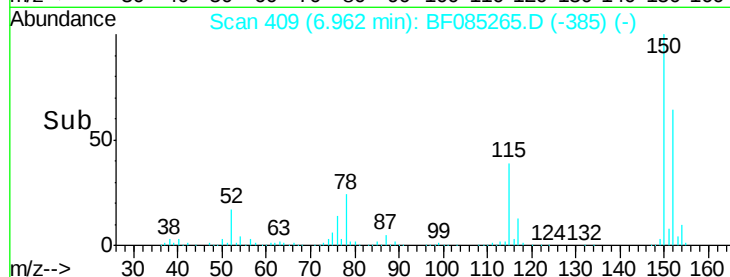
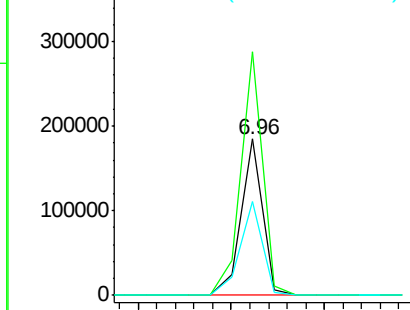
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085265.D
 Acq: 8 Mar 2016 19:45

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-2

Tgt Ion:152 Resp: 148740
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 60.4 46.6 70.0

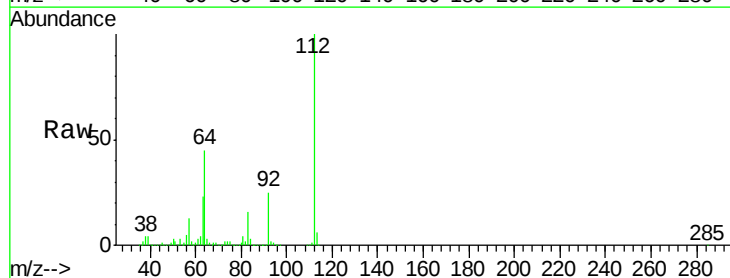


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

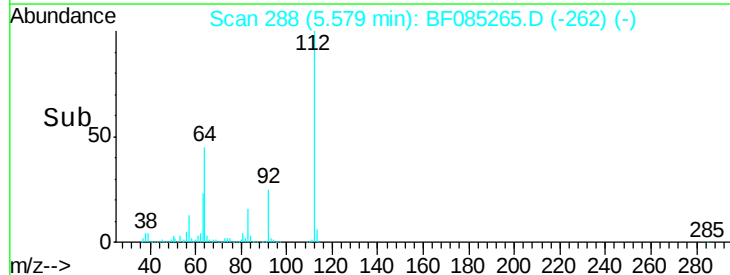
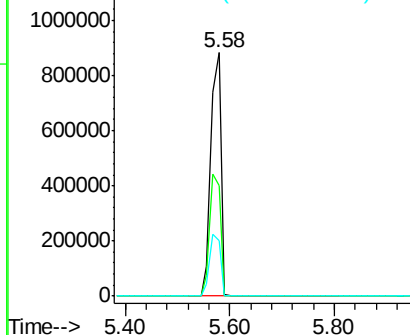


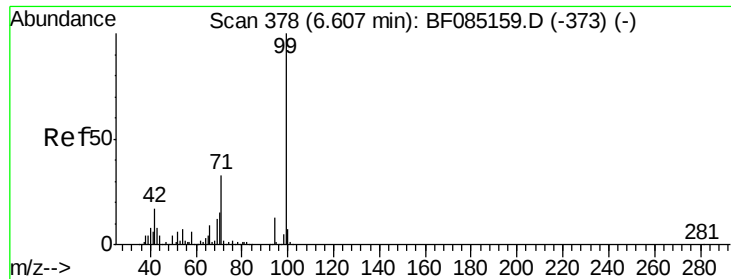
#5
 2-Fluorophenol
 Concen: 135.17 ng
 RT: 5.58 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF085265.D
 Acq: 8 Mar 2016 19:45

Tgt Ion:112 Resp: 1198589
 Ion Ratio Lower Upper
 112 100
 64 45.3 49.0 73.4#
 63 22.7 24.8 37.2#



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: 103.25 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-2

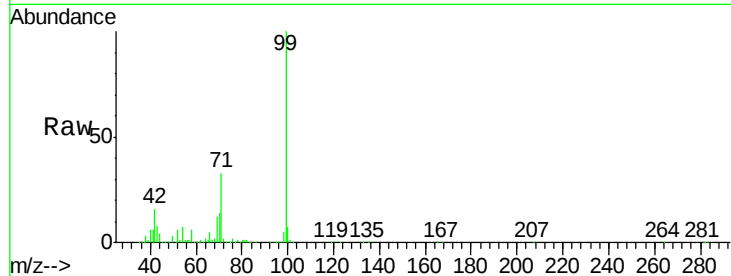
Tgt Ion: 99 Resp: 1199523

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

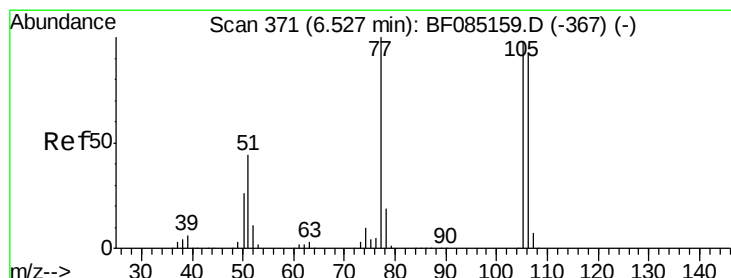
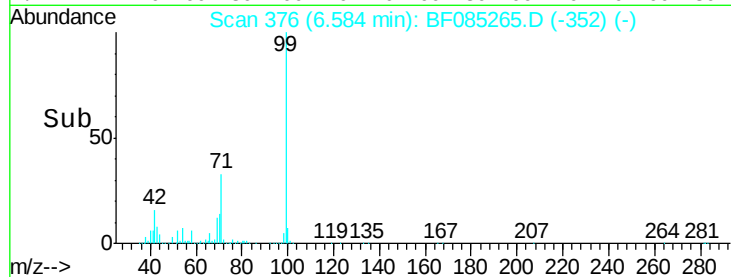
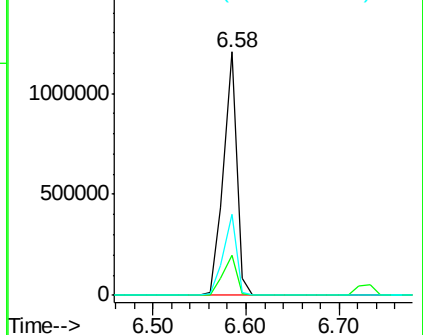
71 33.4 26.7 40.1



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: 2.23 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

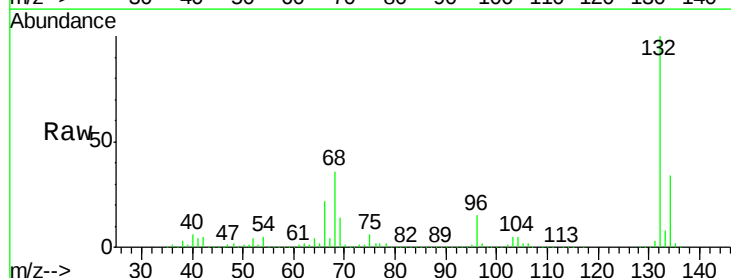
Tgt Ion: 77 Resp: 27694

Ion Ratio Lower Upper

77 100

105 87.4 78.2 118.2

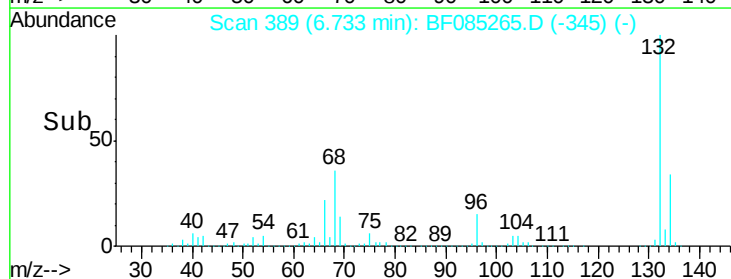
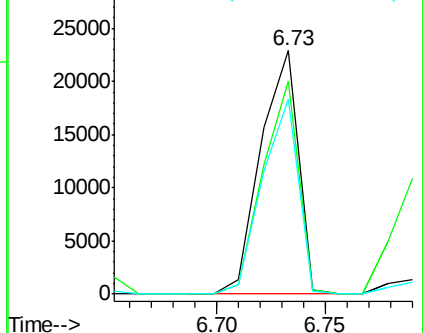
106 80.1 72.9 112.9

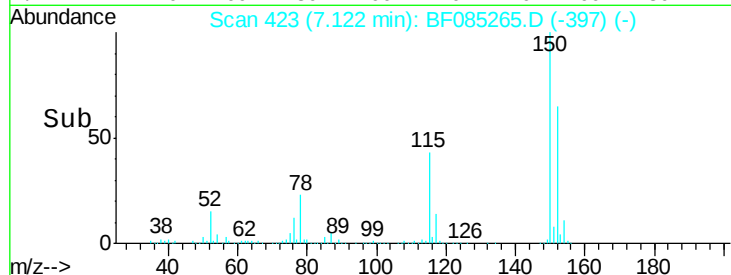
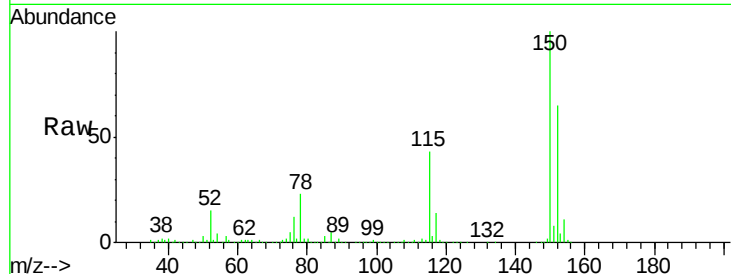
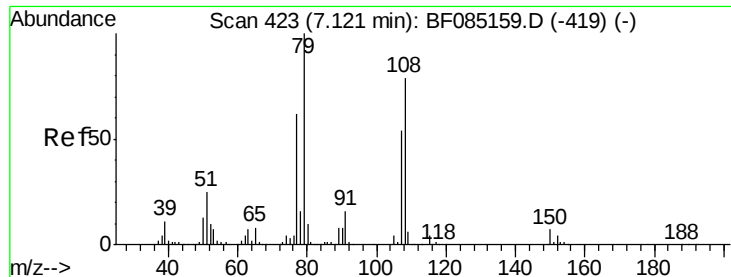


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-2

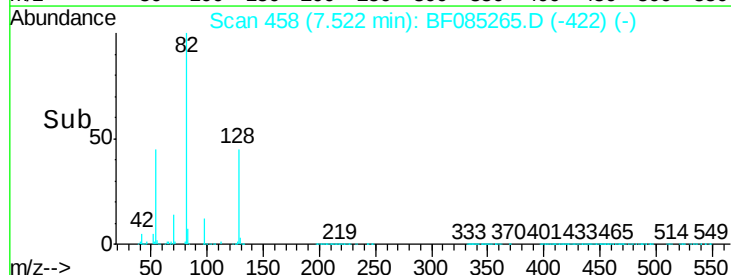
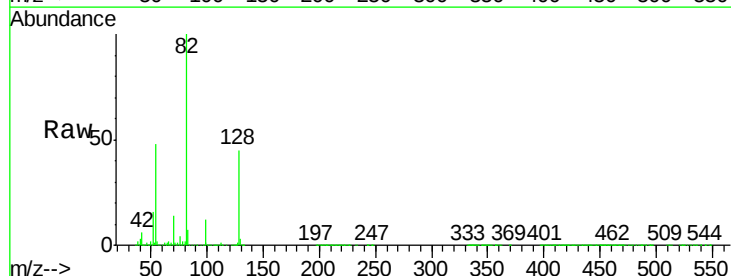
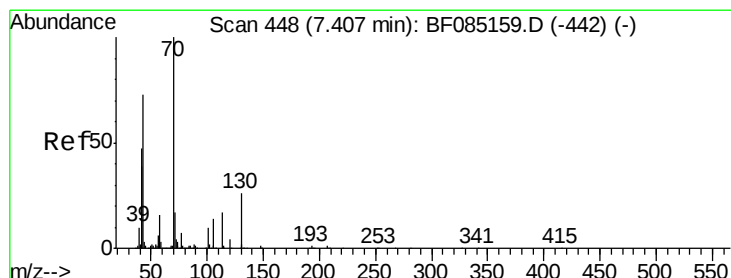
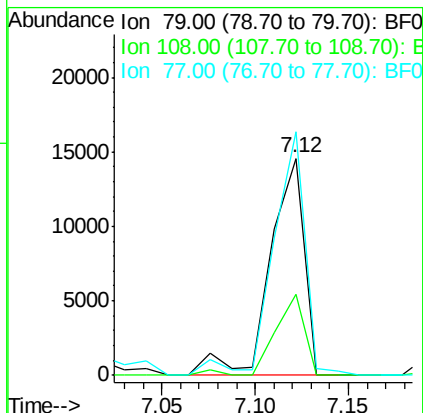
Tgt Ion: 79 Resp: 18362

Ion Ratio Lower Upper

79 100

108 37.2 62.9 94.3#

77 112.3 49.5 74.3#



#19

n-Nitroso-di-n-propylamine

Concen: 16.41 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

Tgt Ion: 70 Resp: 124248

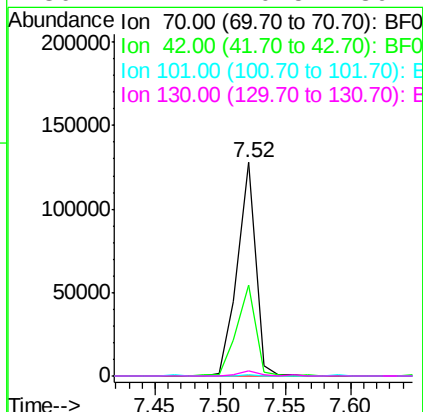
Ion Ratio Lower Upper

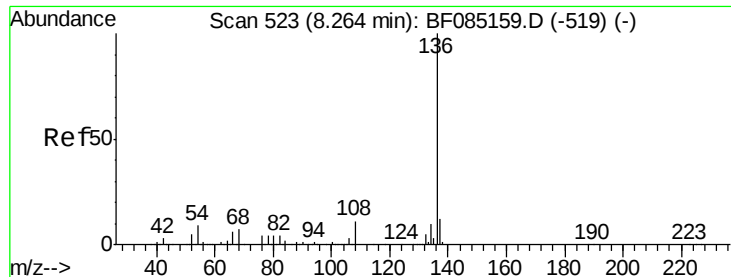
70 100

42 42.4 37.7 56.5

101 0.9 8.2 12.4#

130 2.2 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-2

Tgt Ion:136 Resp: 553125

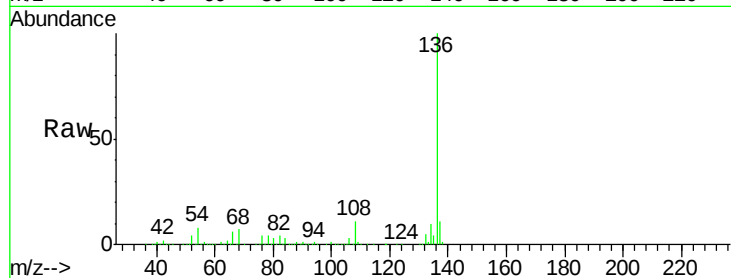
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.4 7.4 11.2

68 6.8 6.0 9.0

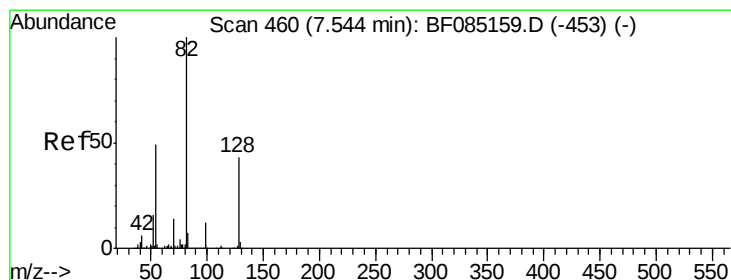
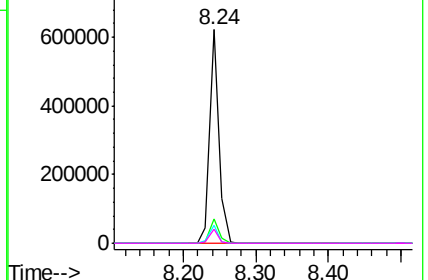
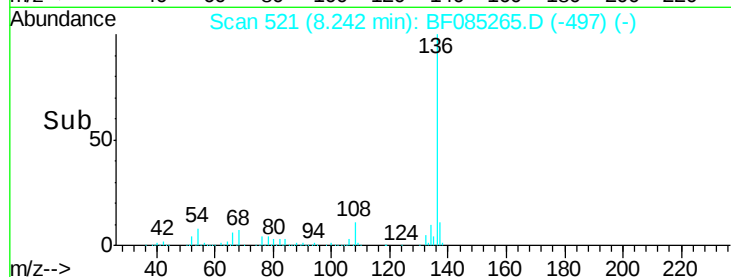


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.44 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

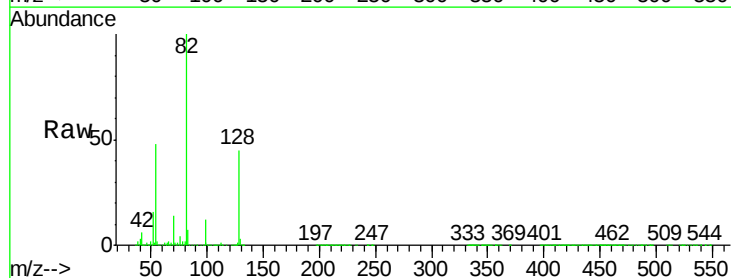
Tgt Ion: 82 Resp: 914203

Ion Ratio Lower Upper

82 100

128 45.2 34.5 51.7

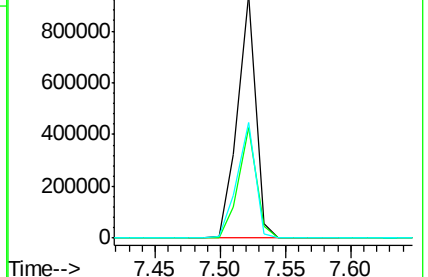
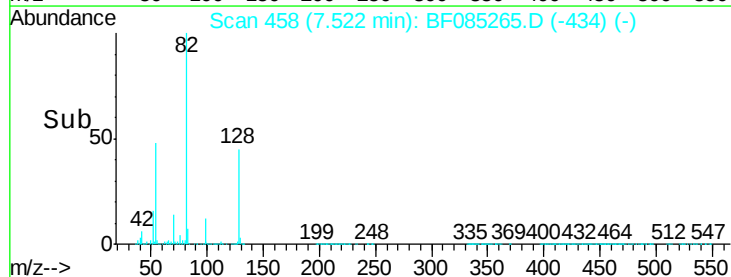
54 47.6 39.3 58.9

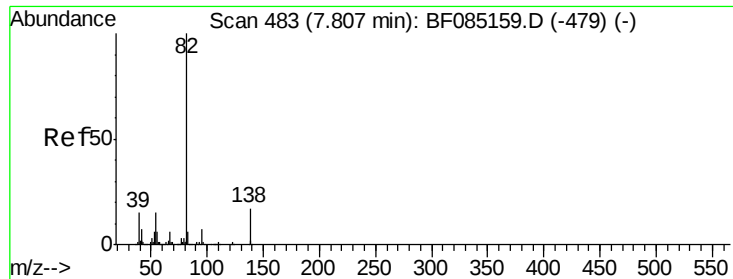


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.74 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-2

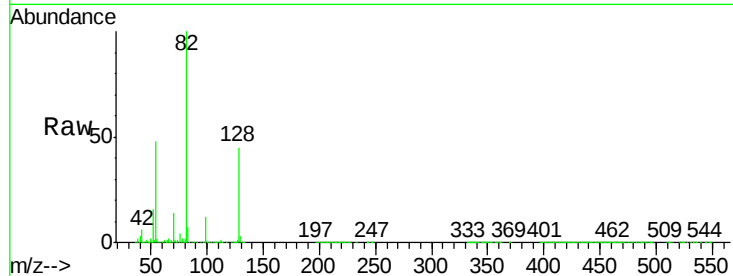
Tgt Ion: 82 Resp: 684609

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

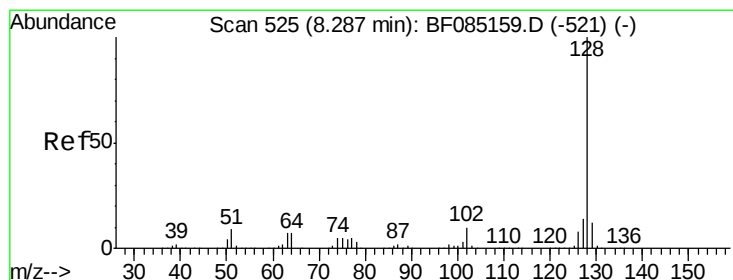
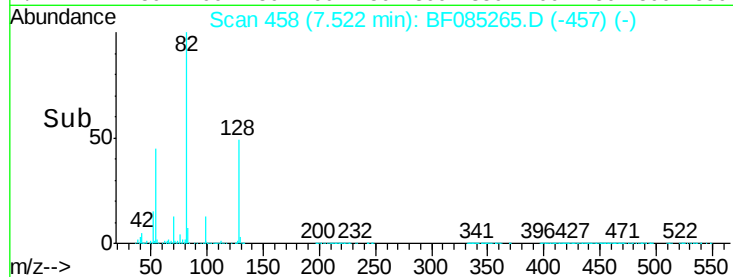
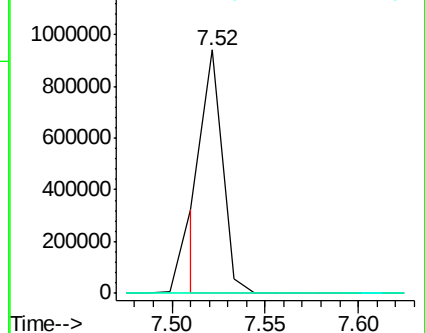
138 0.0 13.3 19.9#



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): BF0



#31

Naphthalene

Concen: 3.76 ng

RT: 8.26 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

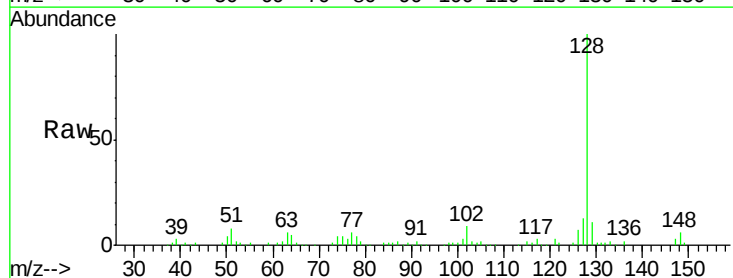
Tgt Ion: 128 Resp: 102198

Ion Ratio Lower Upper

128 100

129 10.9 9.7 14.5

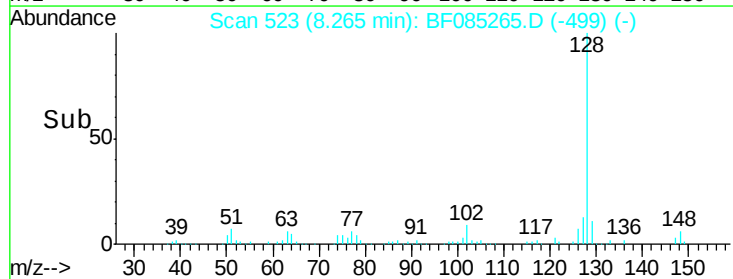
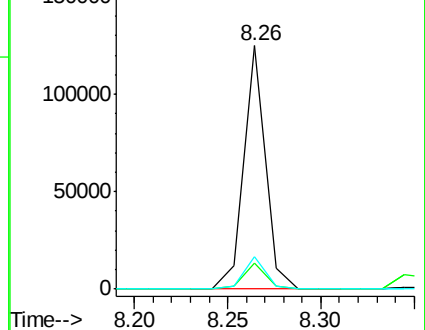
127 13.2 11.2 16.8

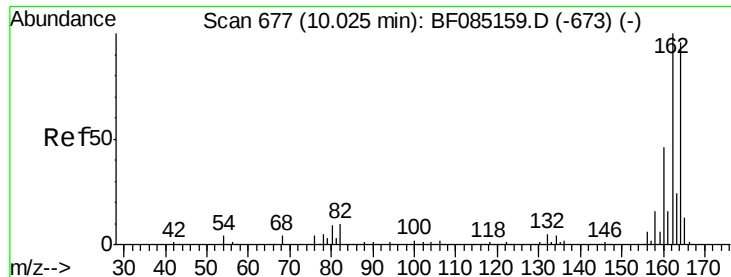


Abundance Ion 128.00 (127.70 to 128.70): E

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: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-2

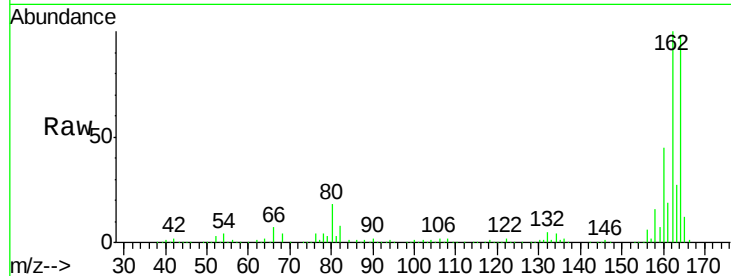
Tgt Ion:164 Resp: 281418

Ion Ratio Lower Upper

164 100

162 101.8 83.3 124.9

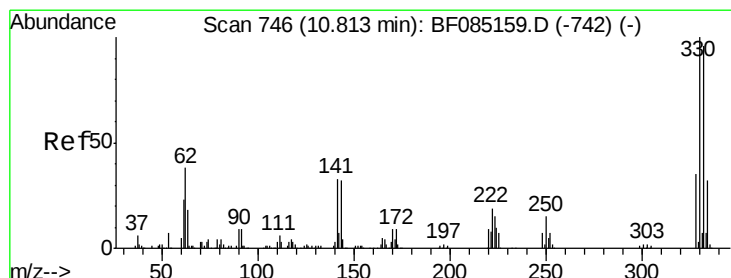
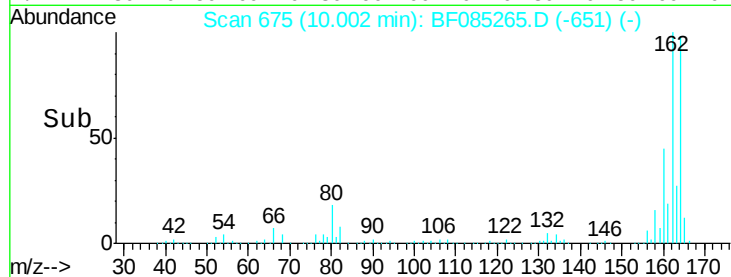
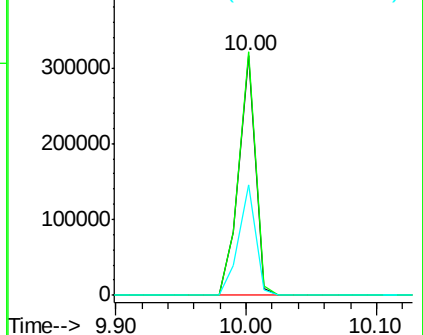
160 46.3 37.9 56.9



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: 147.71 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

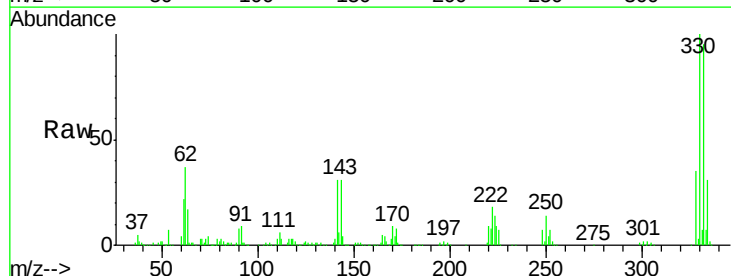
Tgt Ion:330 Resp: 355681

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

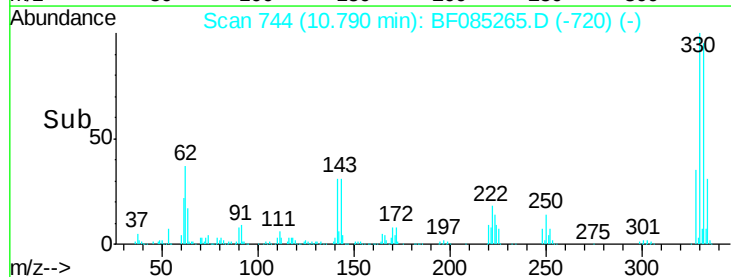
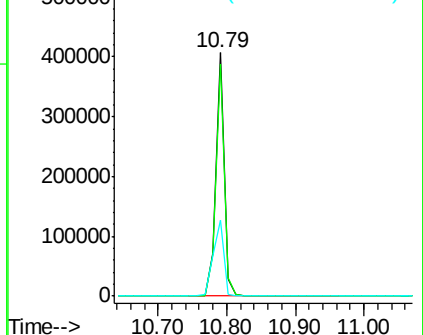
141 39.4 35.0 52.6

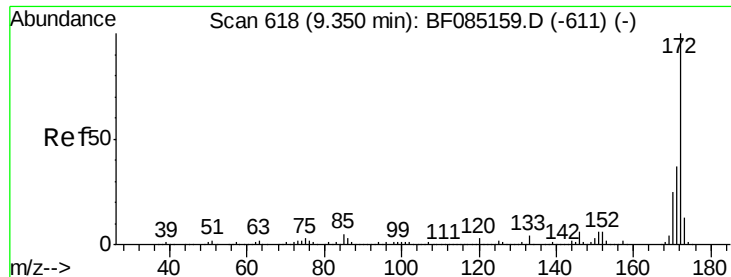


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

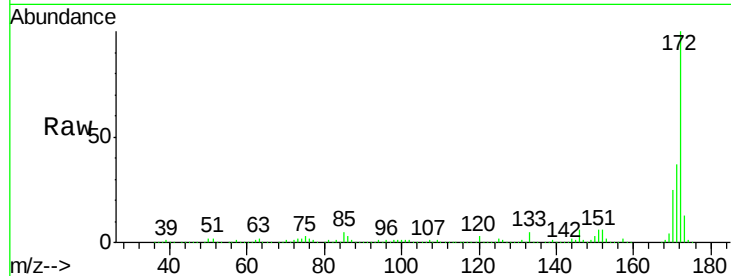




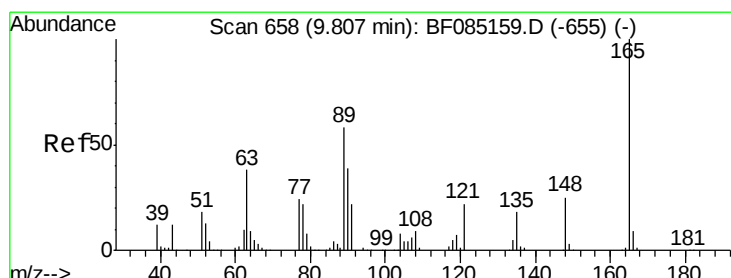
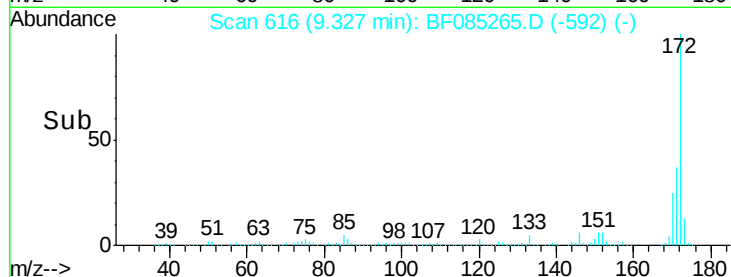
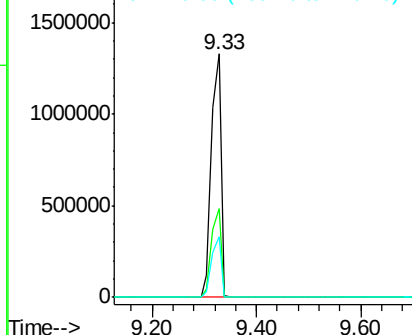
#44
 2-Fluorobiphenyl
 Concen: 93.15 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085265.D
 Acq: 8 Mar 2016 19:45

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-2

Tgt Ion:172 Resp: 1723668
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 24.6 20.0 30.0

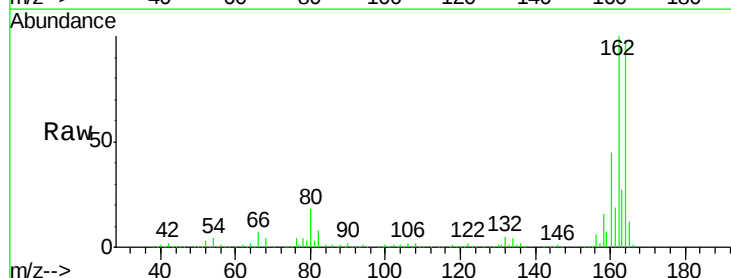


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

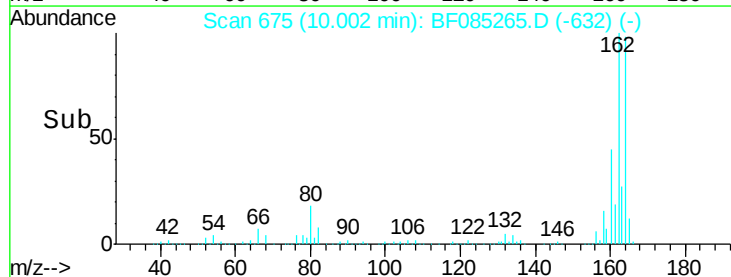
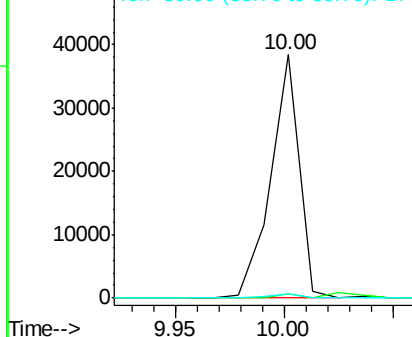


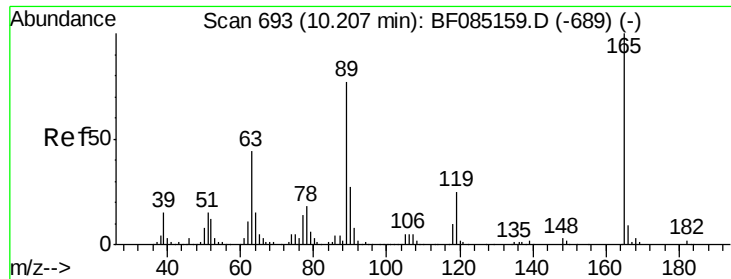
#50
 2,6-Dinitrotoluene
 Concen: 7.66 ng
 RT: 10.00 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF085265.D
 Acq: 8 Mar 2016 19:45

Tgt Ion:165 Resp: 35384
 Ion Ratio Lower Upper
 165 100
 63 1.6 41.8 62.8#
 89 1.8 46.7 70.1#



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

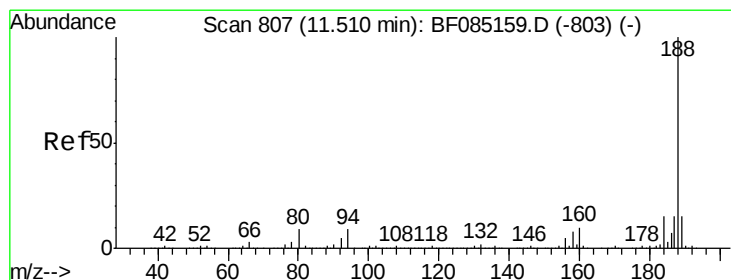
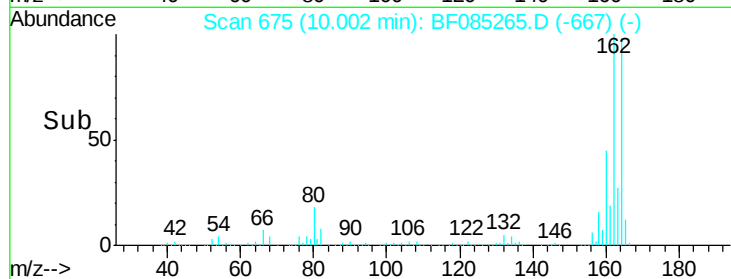
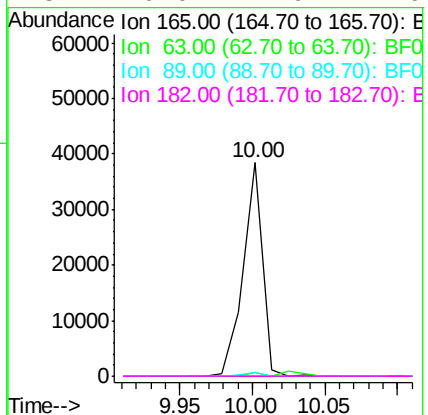
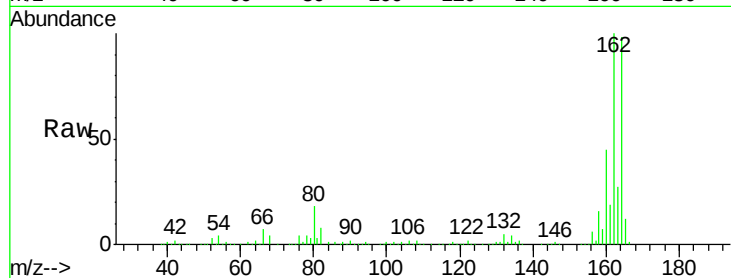




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF085265.D
 Acq: 8 Mar 2016 19:45

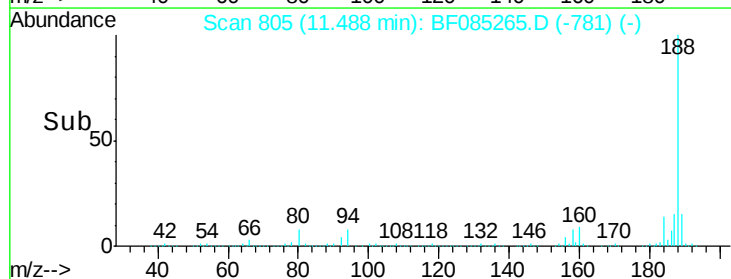
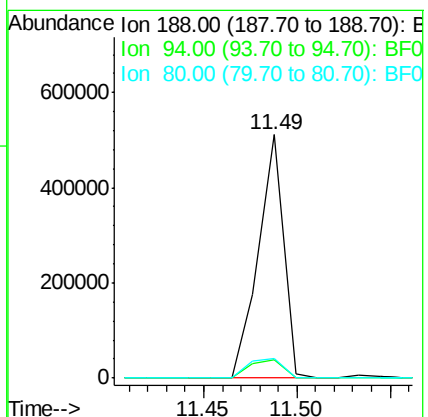
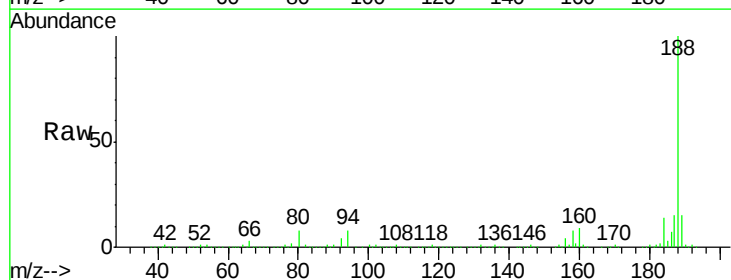
Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-2

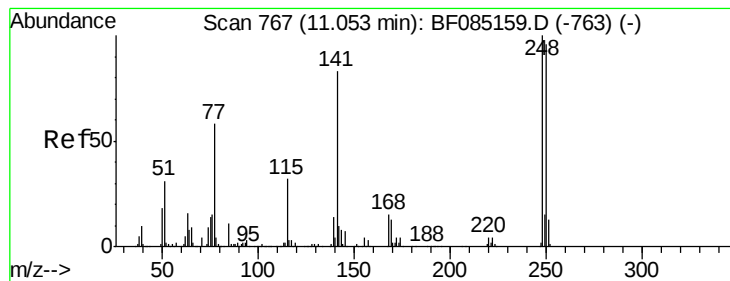
Tgt Ion:	165	Resp:	35590
Ion	Ratio	Lower	Upper
165	100		
63	1.6	35.4	53.0#
89	1.8	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF085265.D
 Acq: 8 Mar 2016 19:45

Tgt Ion:	188	Resp:	481616
Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.0	10.6
80	7.8	7.4	11.0





#66

4-Bromophenyl-phenylether

Concen: 5.76 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.26 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-2

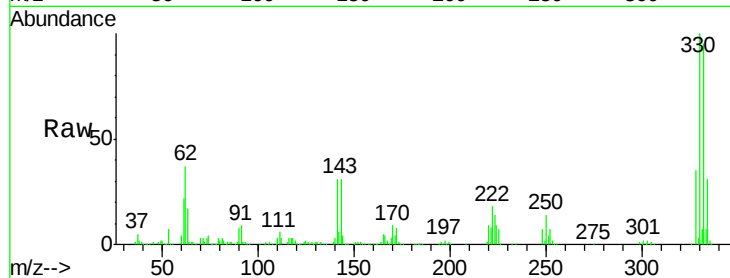
Tgt Ion:248 Resp: 26941

Ion Ratio Lower Upper

248 100

250 192.0 77.1 115.7#

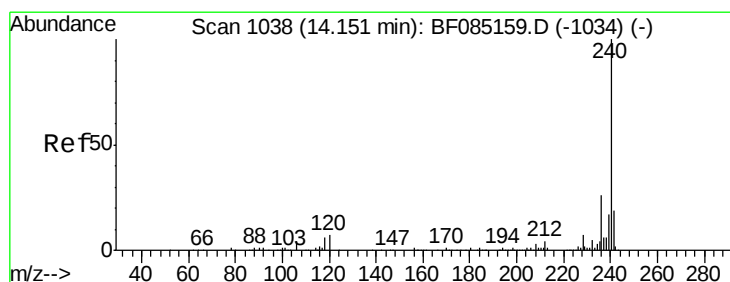
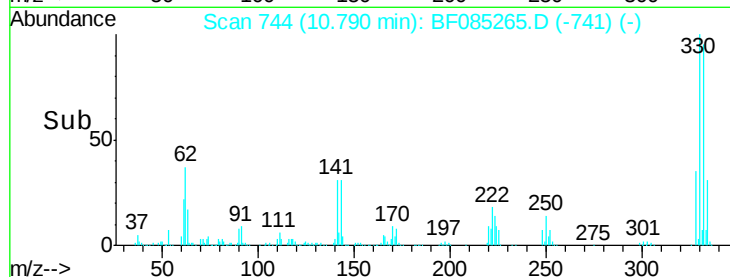
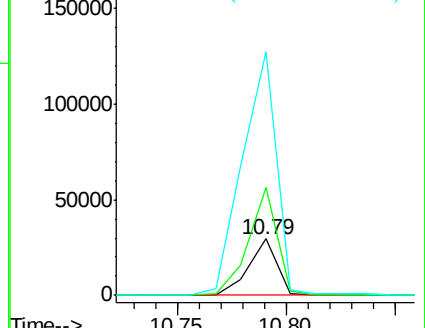
141 431.1 66.2 99.2#



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: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

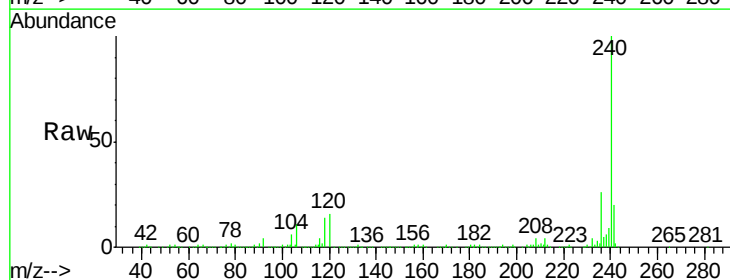
Tgt Ion:240 Resp: 337450

Ion Ratio Lower Upper

240 100

120 15.6 5.3 7.9#

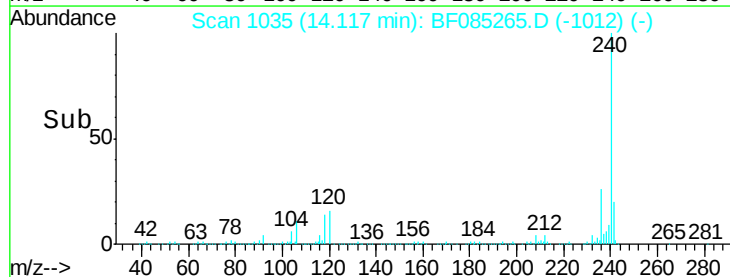
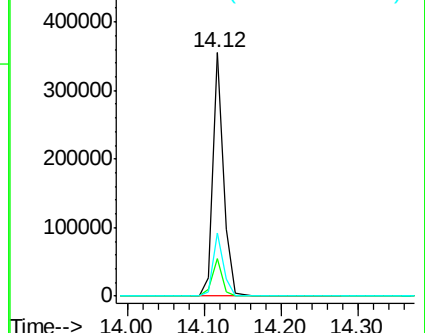
236 26.2 20.7 31.1

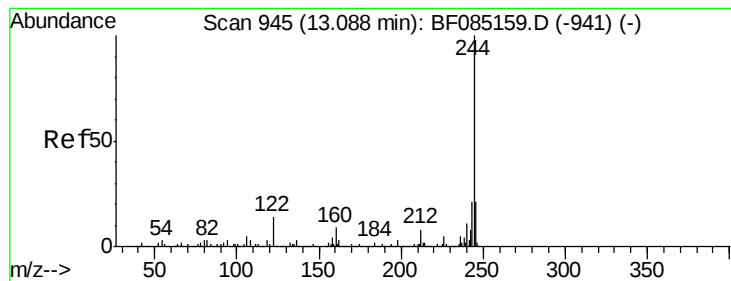


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 110.32 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-2

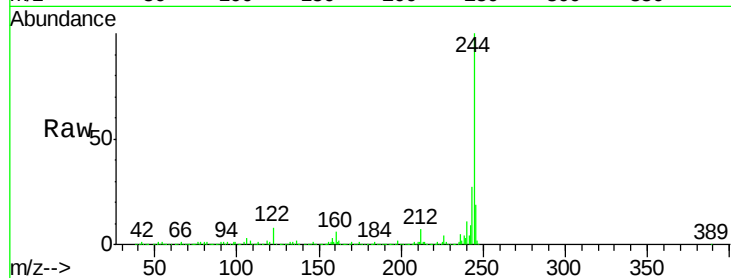
Tgt Ion:244 Resp: 1603711

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

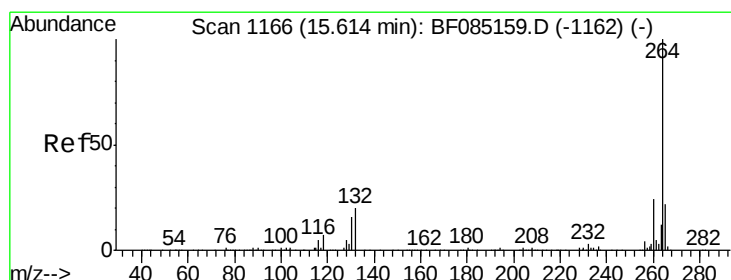
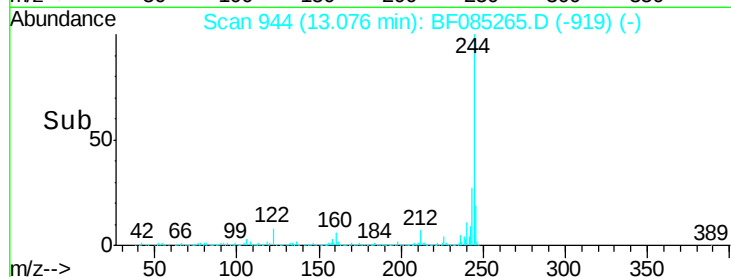
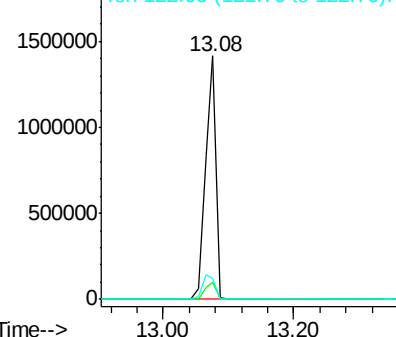
122 8.5 11.4 17.2#



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: 15.58 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

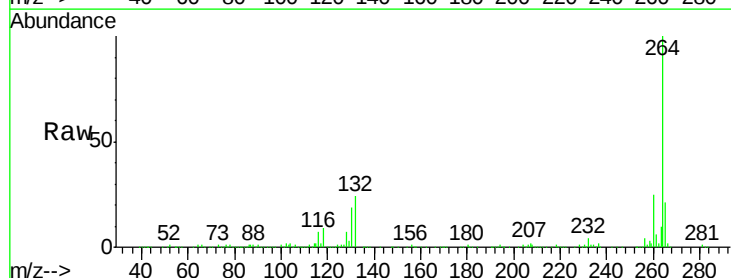
Tgt Ion:264 Resp: 269207

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

