

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030816\
 Data File : BF085292.D
 Acq On : 9 Mar 2016 8:22
 Operator : UM/SJ
 Sample : H1712-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 10:00:12 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

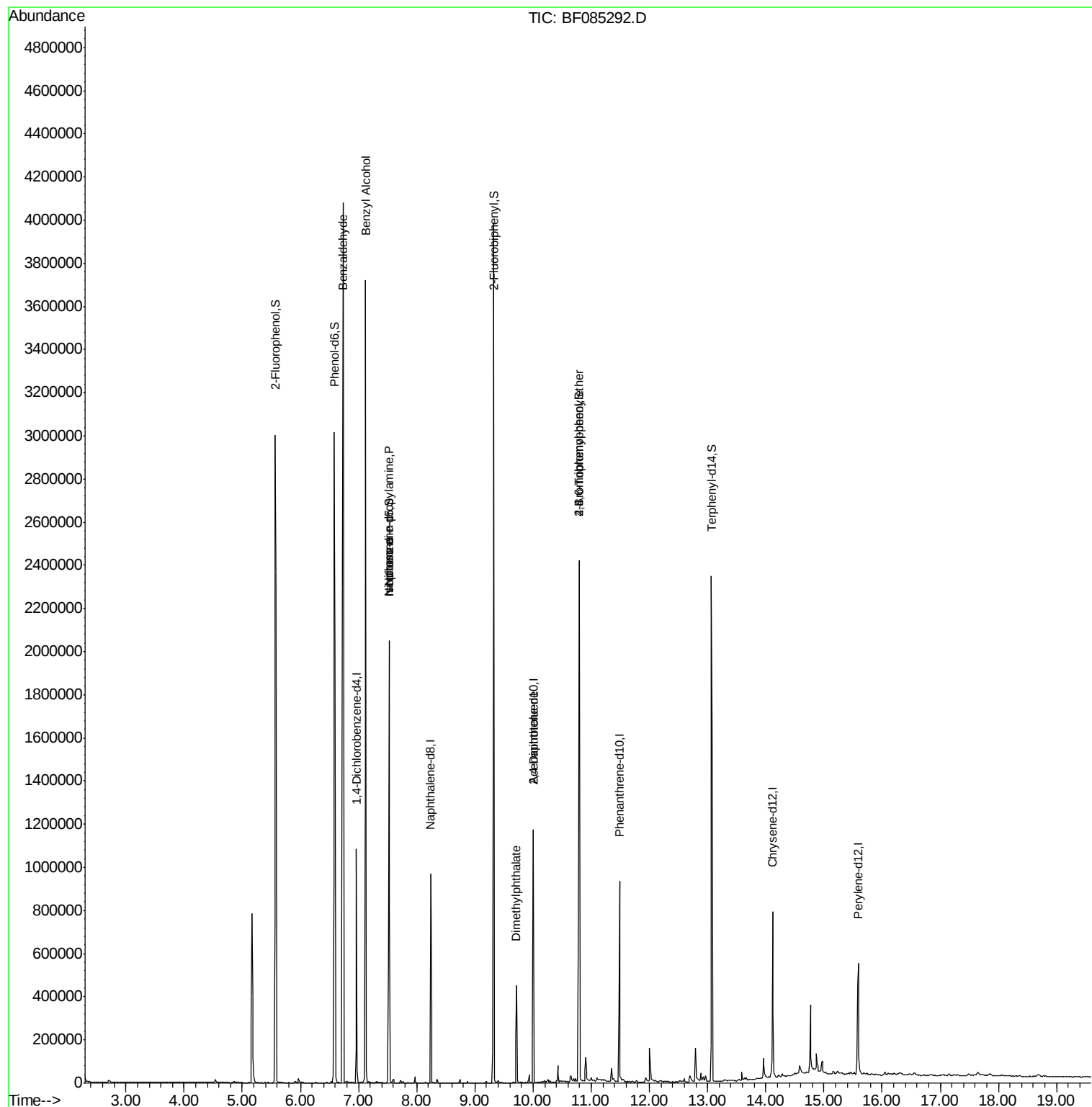
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	147899	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	478101	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	215965	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	354416	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	267634	20.00	ng	-0.03
86) Perylene-d12	15.59	264	269085	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1330477	150.90	ng	-0.01
7) Phenol-d6	6.58	99	1645364	142.43	ng	-0.02
23) Nitrobenzene-d5	7.52	82	832043	93.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	274635	148.62	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1511690	106.45	ng	-0.02
78) Terphenyl-d14	13.07	244	966244	83.81	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	29474	2.55	ng	91
15) Benzyl Alcohol	7.12	79	17435	2.06	ng	# 44
19) n-Nitroso-di-n-propylamine	7.52	70	108770	14.45	ng	# 79
25) Isophorone	7.52	82	695400	42.00	ng	# 67
49) Dimethylphthalate	9.72	163	218510	13.18	ng	99
56) 2,4-Dinitrotoluene	10.00	165	27064	5.96	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	20328	5.91	ng	# 1

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

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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085292.D

Acq: 9 Mar 2016 8:22

Instrument :

BNA_F

ClientSampleId :

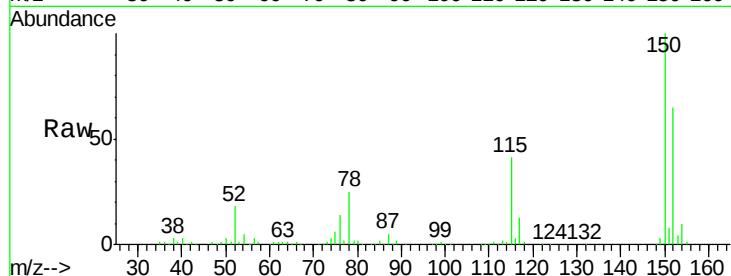
Tot Ion:152 Resp: 147899

Ion Ratio Lower Upper

152 100

150 154.4 124.6 186.8

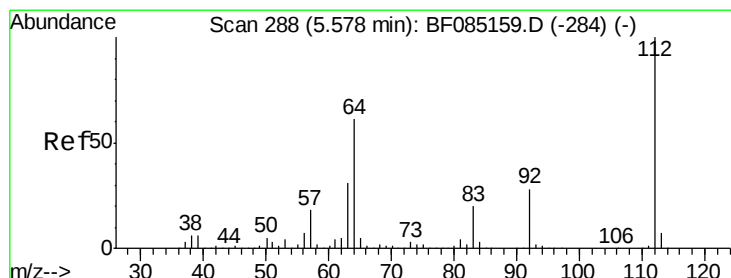
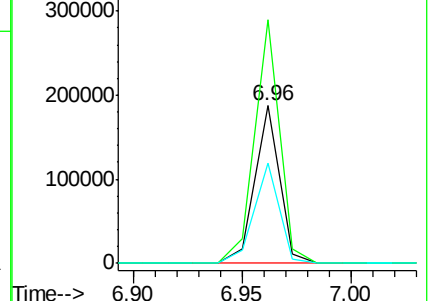
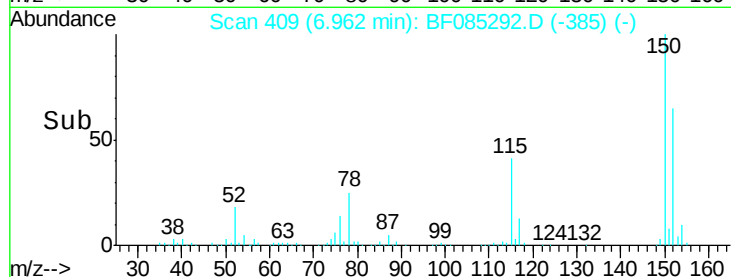
115 63.3 46.6 70.0



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: 150.90 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085292.D

Acq: 9 Mar 2016 8:22

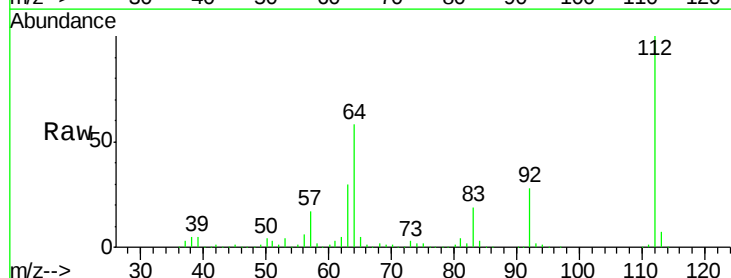
Tgt Ion:112 Resp: 1330477

Ion Ratio Lower Upper

112 100

64 58.4 49.0 73.4

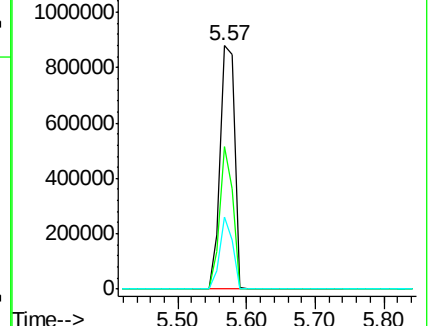
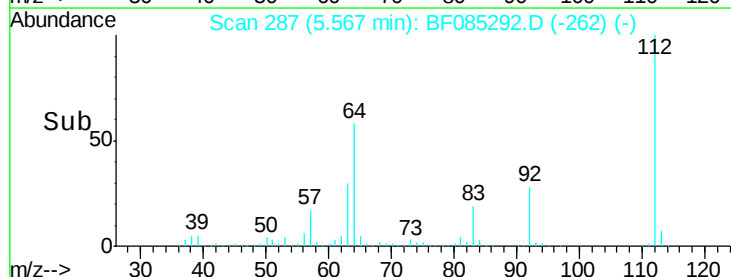
63 29.5 24.8 37.2

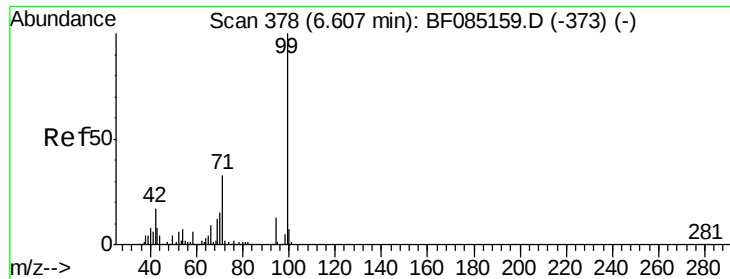


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.43 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085292.D

Acq: 9 Mar 2016 8:22

Instrument :

BNA_F

ClientSampleId :

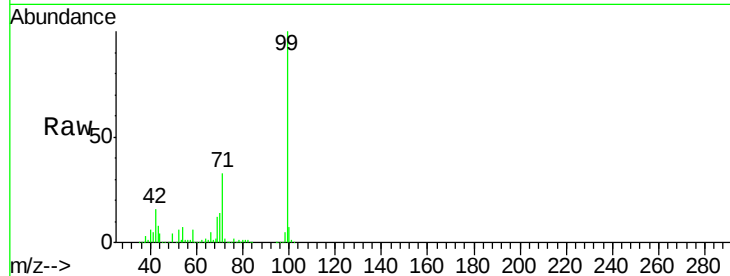
Tot Ion: 99 Resp: 1645364

Ion Ratio Lower Upper

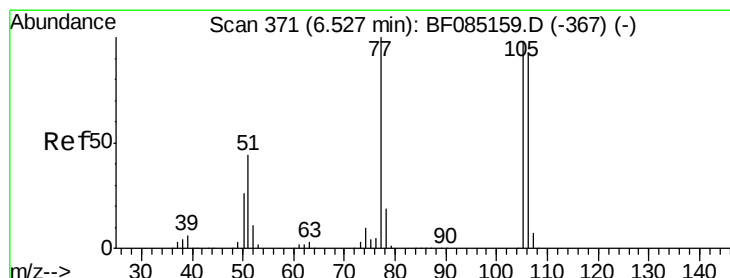
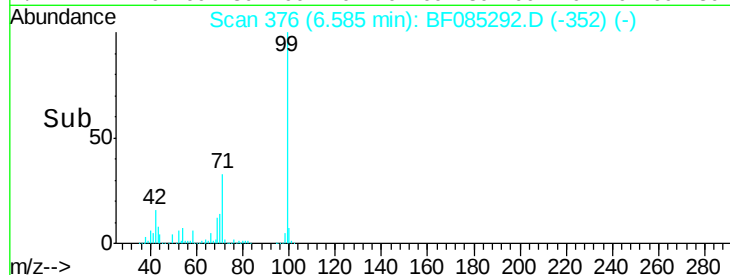
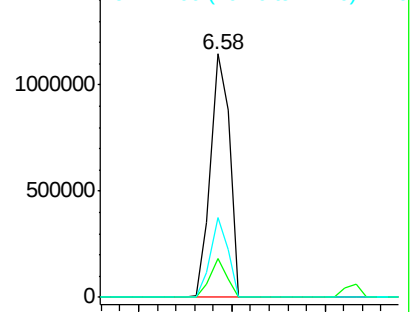
99 100

42 16.0 13.6 20.4

71 32.9 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: 2.55 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF085292.D

Acq: 9 Mar 2016 8:22

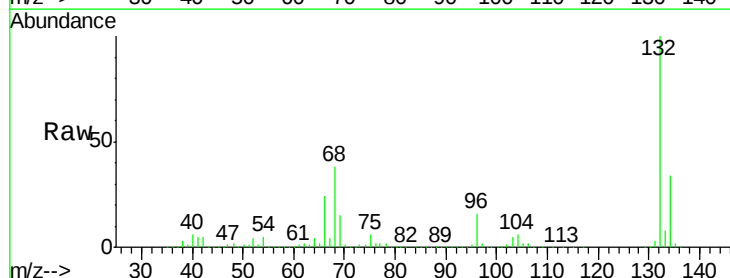
Tgt Ion: 77 Resp: 29474

Ion Ratio Lower Upper

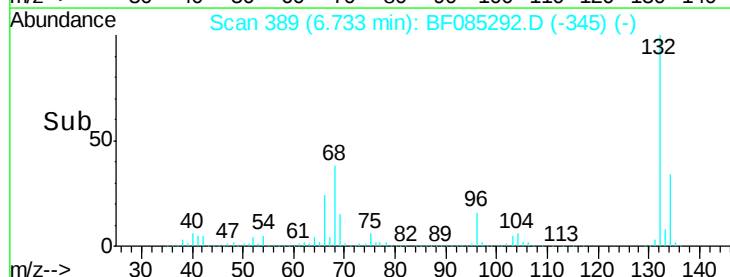
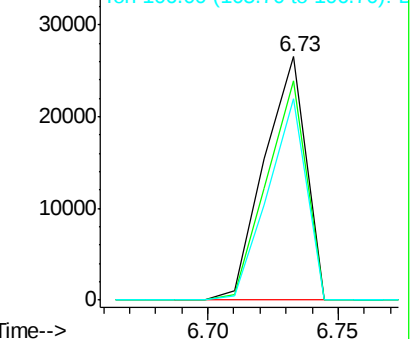
77 100

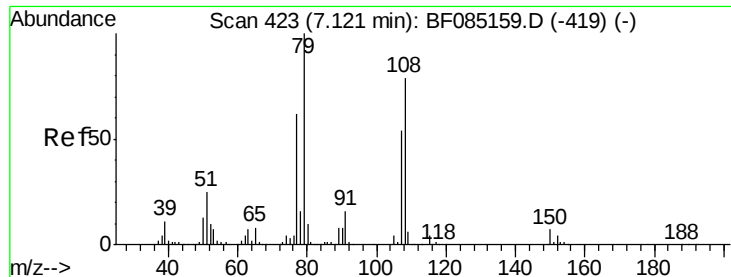
105 90.1 78.2 118.2

106 82.8 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085292.D

Acq: 9 Mar 2016 8:22

Instrument :

BNA_F

ClientSampled :

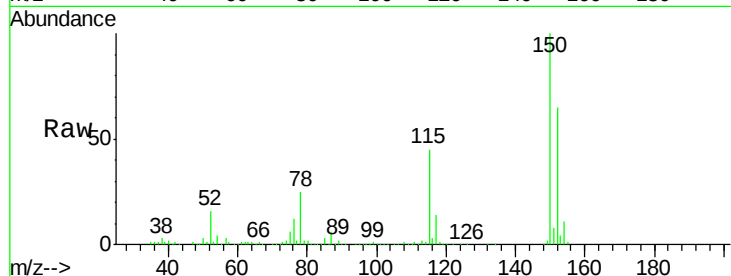
Tot Ion: 79 Resp: 17435

Ion Ratio Lower Upper

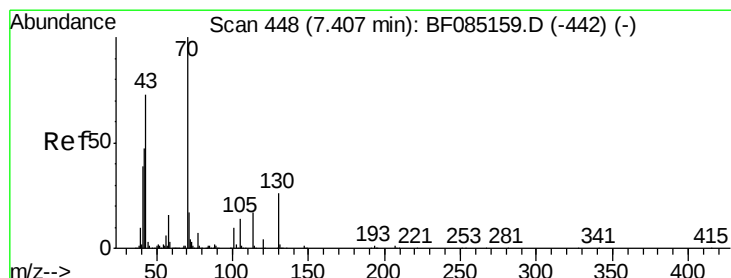
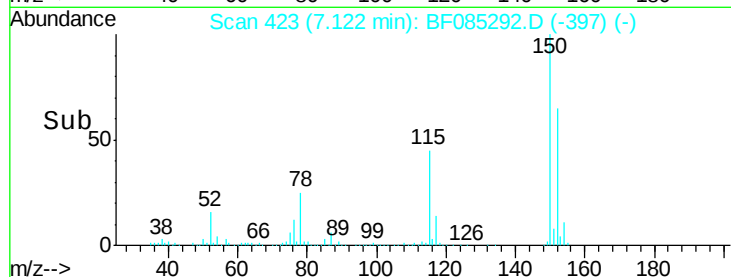
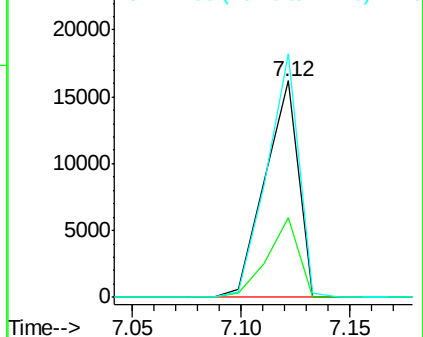
79 100

108 36.6 62.9 94.3#

77 112.4 49.5 74.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.45 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085292.D

Acq: 9 Mar 2016 8:22

Tgt Ion: 70 Resp: 108770

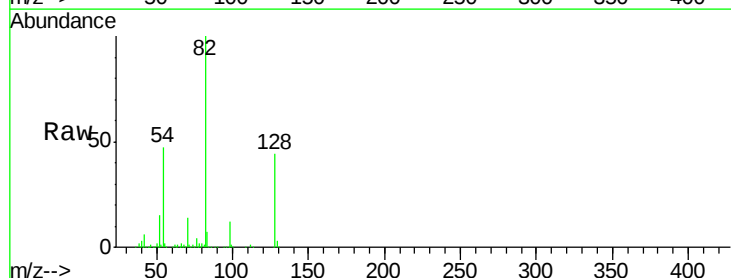
Ion Ratio Lower Upper

70 100

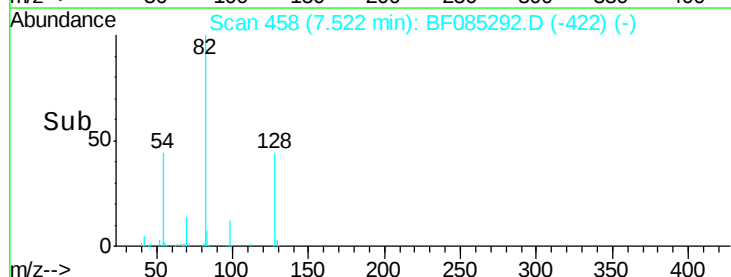
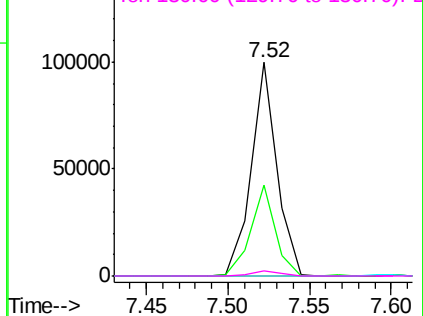
42 42.6 37.7 56.5

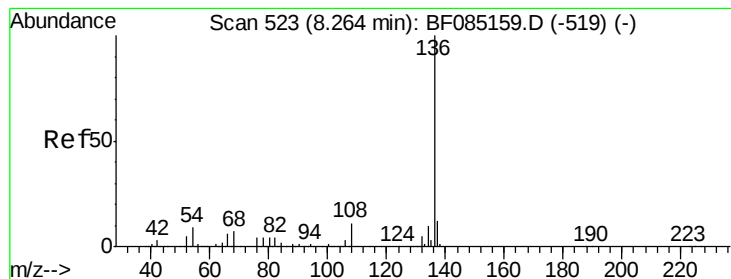
101 0.0 8.2 12.4#

130 2.4 20.5 30.7#



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): B
Ion 130.00 (129.70 to 130.70): B





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085292.D

Acq: 9 Mar 2016 8:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 478101

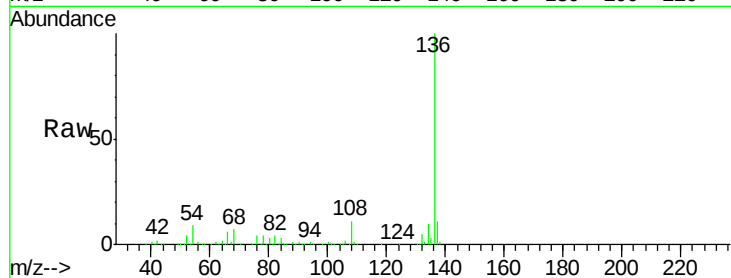
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 8.8 7.4 11.2

68 7.3 6.0 9.0

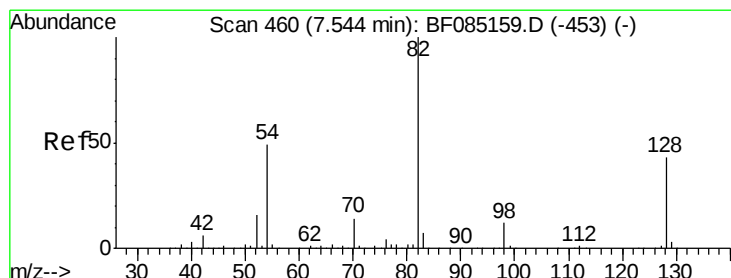
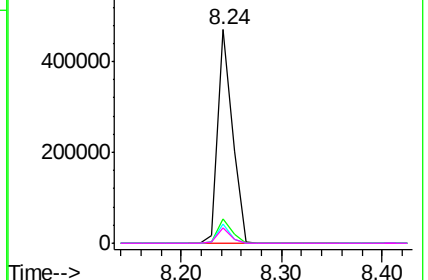
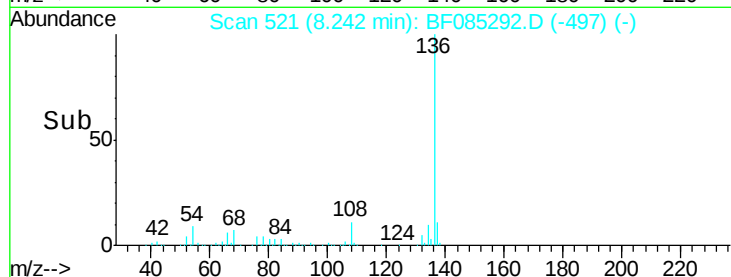


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.13 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085292.D

Acq: 9 Mar 2016 8:22

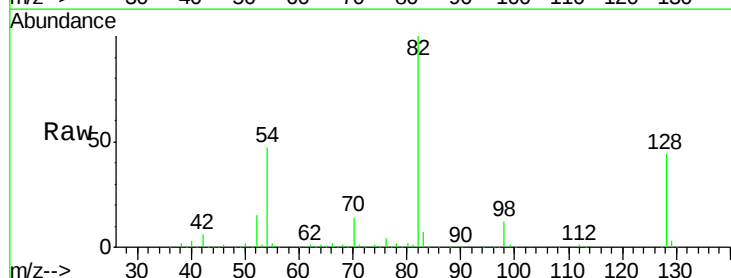
Tgt Ion: 82 Resp: 832043

Ion Ratio Lower Upper

82 100

128 44.2 34.5 51.7

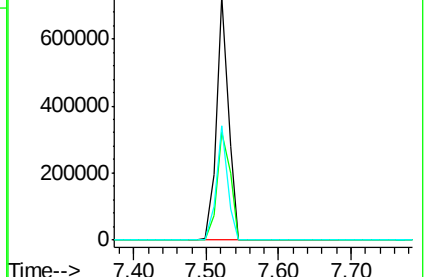
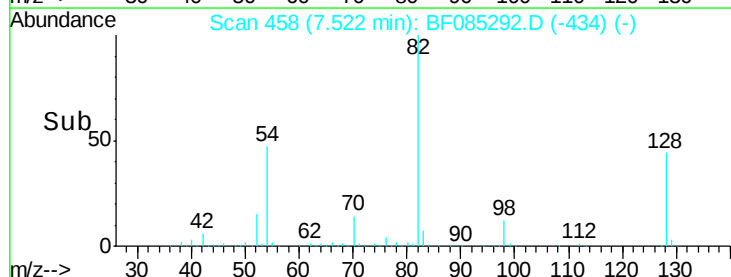
54 47.1 39.3 58.9

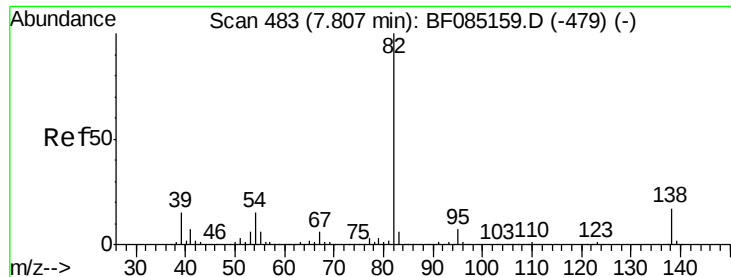


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.00 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF085292.D

Acq: 9 Mar 2016 8:22

Instrument :

BNA_F

ClientSampled :

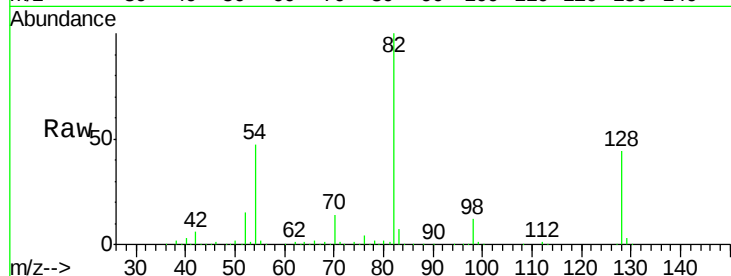
Tot Ion: 82 Resp: 695400

Ion Ratio Lower Upper

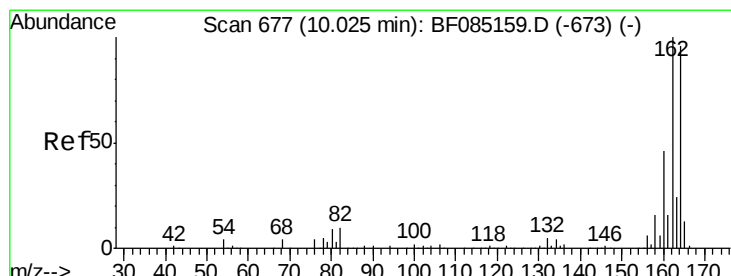
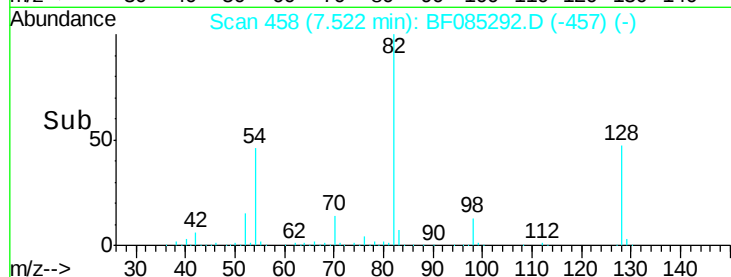
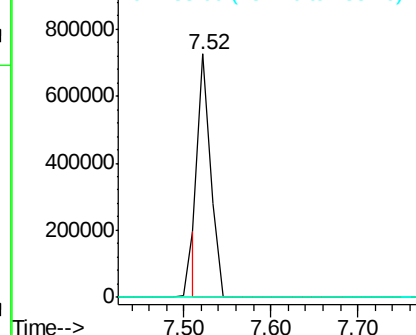
82 100

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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085292.D

Acq: 9 Mar 2016 8:22

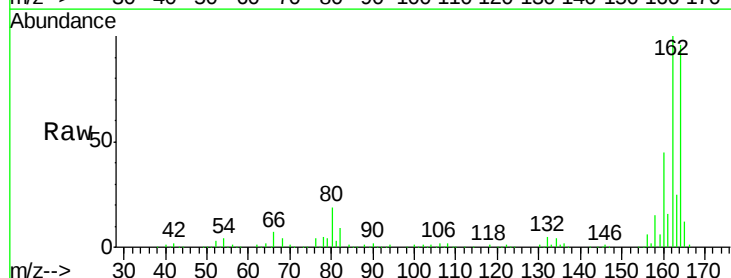
Tgt Ion: 164 Resp: 215965

Ion Ratio Lower Upper

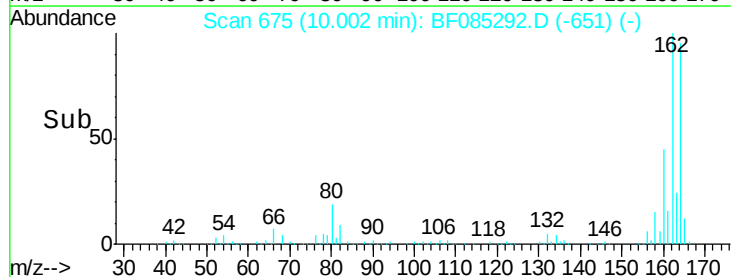
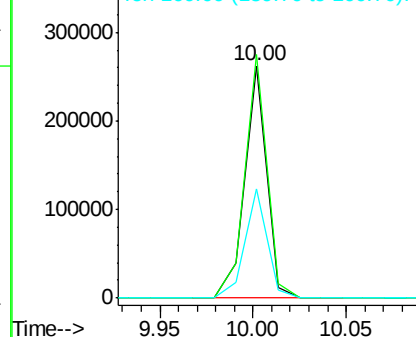
164 100

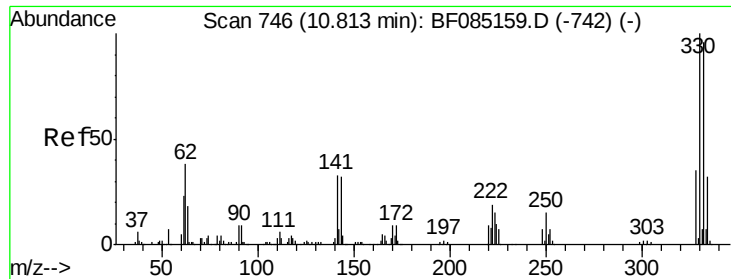
162 104.6 83.3 124.9

160 46.8 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

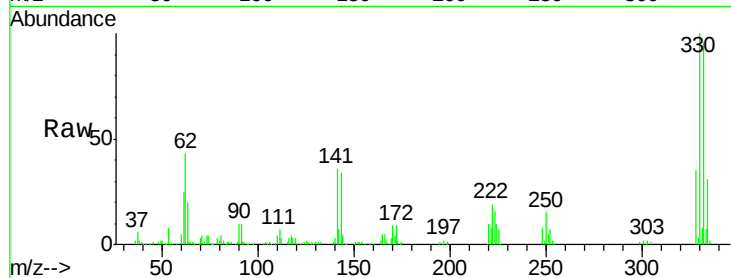




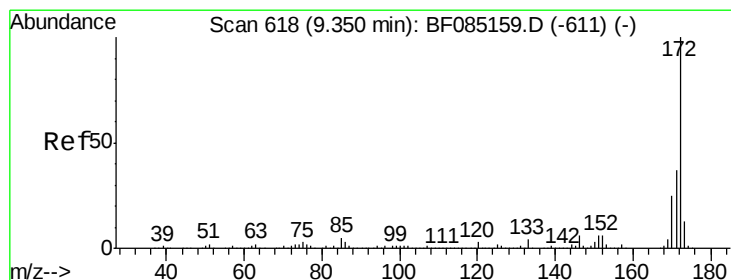
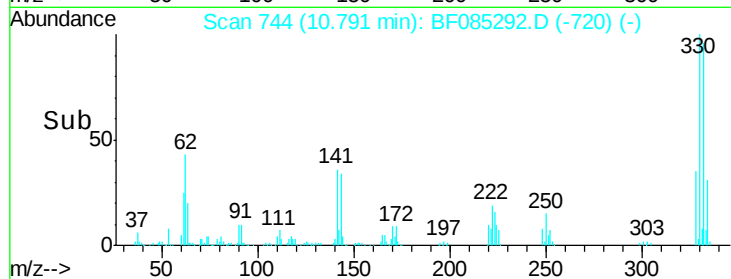
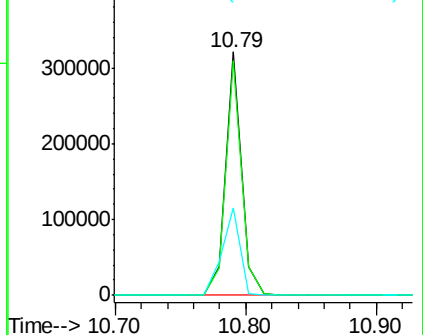
#41
 2,4,6-Tribromophenol
 Concen: 148.62 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085292.D
 Acq: 9 Mar 2016 8:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 274635
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 41.1 35.0 52.6

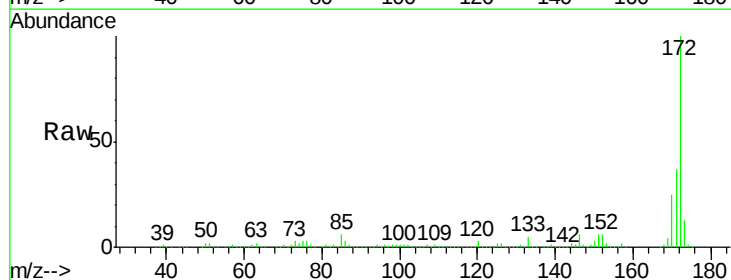


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

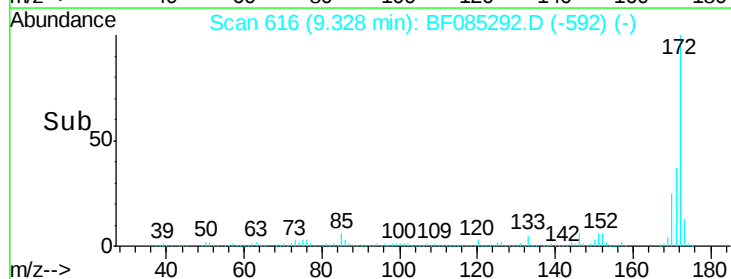
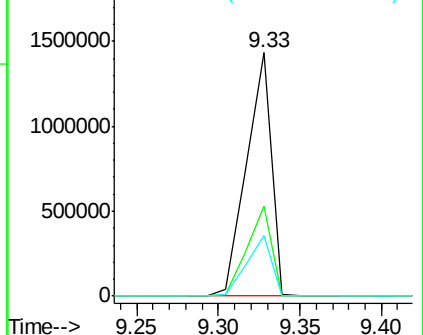


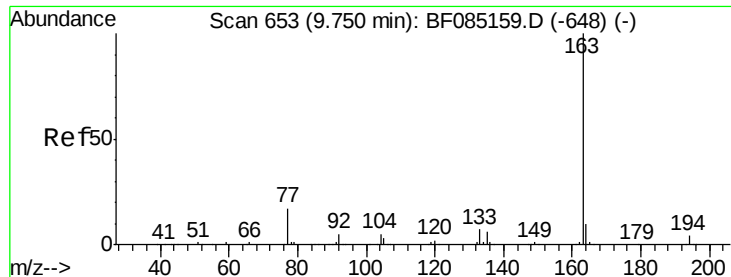
#44
 2-Fluorobiphenyl
 Concen: 106.45 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085292.D
 Acq: 9 Mar 2016 8:22

Tgt Ion:172 Resp: 1511690
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.3 43.9
 170 25.0 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

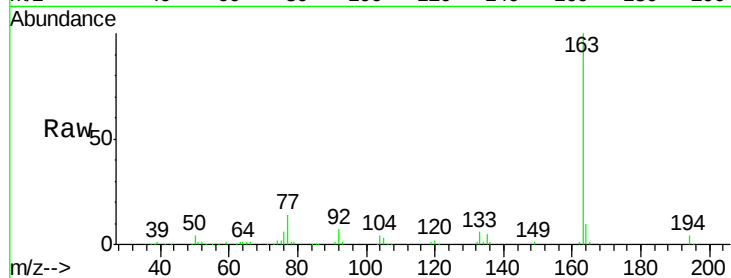




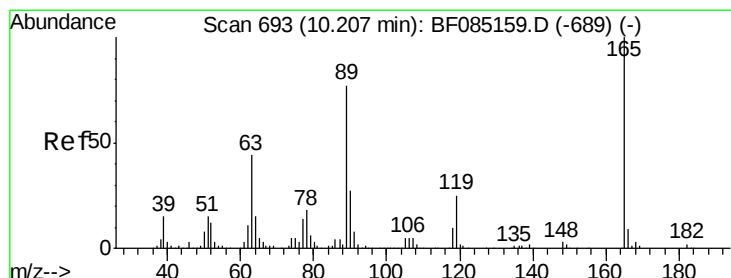
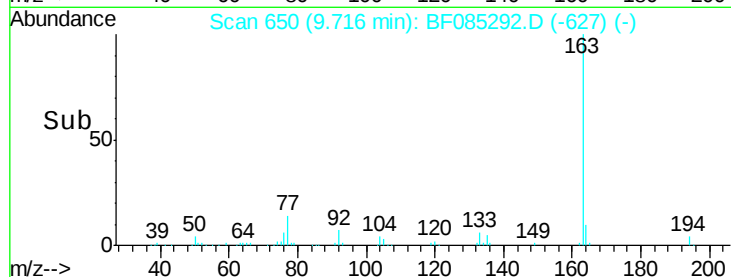
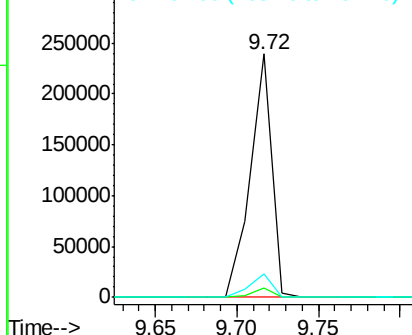
#49
Dimethylphthalate
Concen: 13.18 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085292.D
Acq: 9 Mar 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 218510
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.6 8.2 12.4

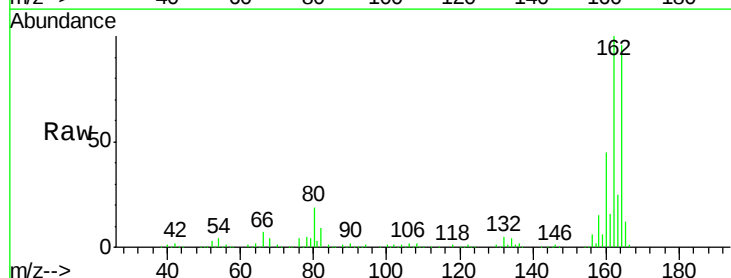


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

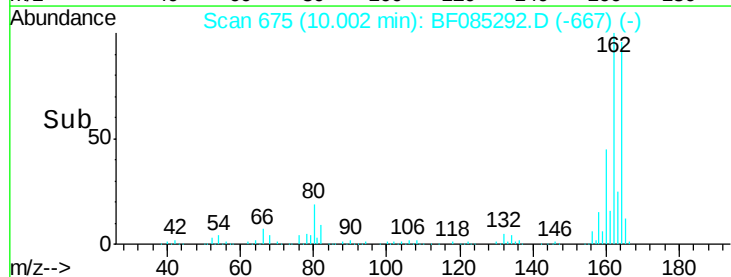
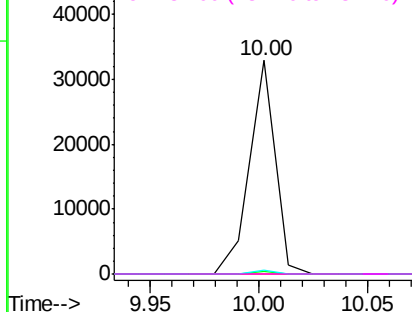


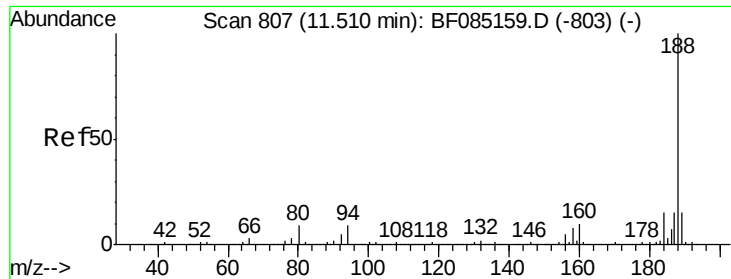
#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF085292.D
Acq: 9 Mar 2016 8:22

Tgt Ion:165 Resp: 27064
Ion Ratio Lower Upper
165 100
63 1.1 35.4 53.0#
89 1.8 61.9 92.9#
182 0.0 1.9 2.9#



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

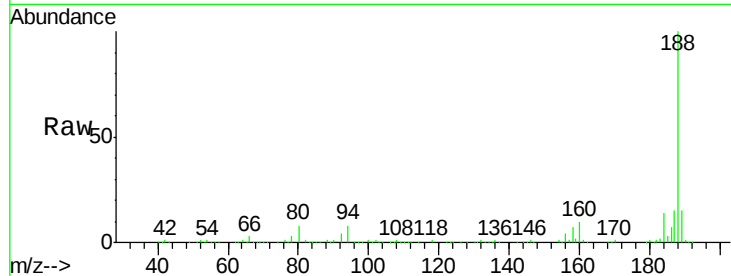




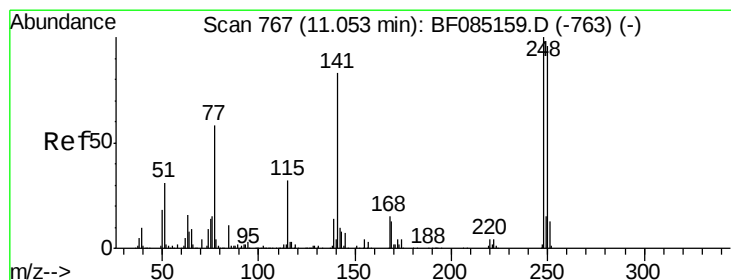
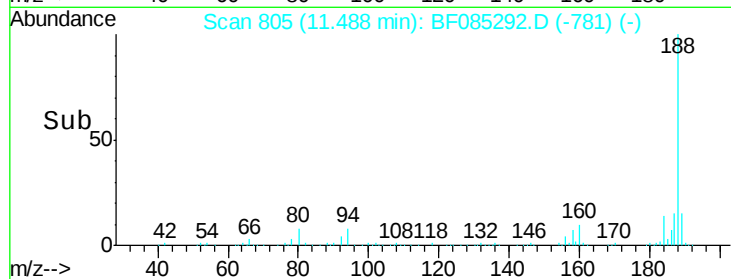
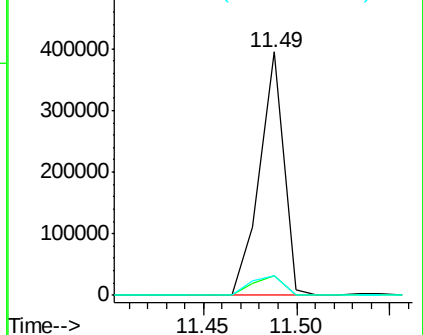
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085292.D
Acq: 9 Mar 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 354416
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.3 7.4 11.0

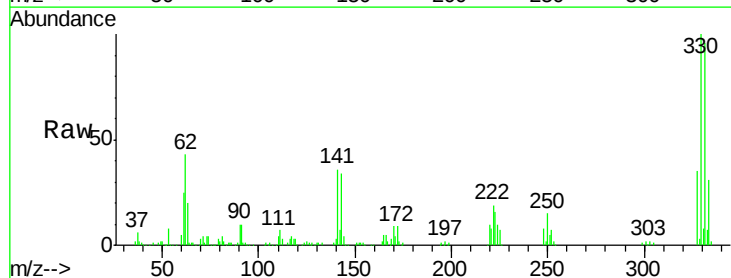


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

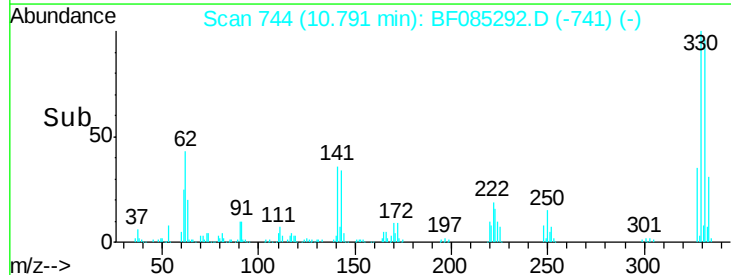
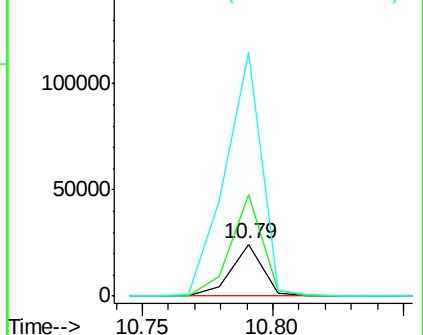


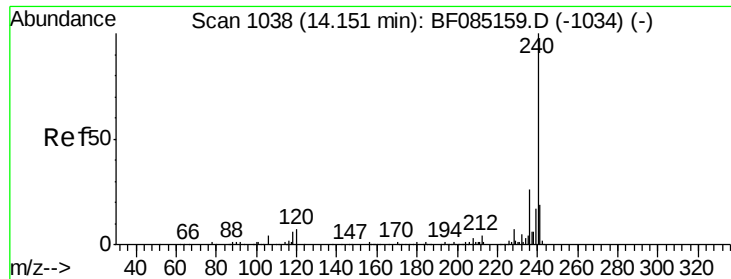
#66
4-Bromophenyl-phenylether
Concen: 5.91 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085292.D
Acq: 9 Mar 2016 8:22

Tgt Ion:248 Resp: 20328
Ion Ratio Lower Upper
248 100
250 195.5 77.1 115.7#
141 471.4 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

Chrvsene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085292.D

Acq: 9 Mar 2016 8:22

Instrument :

BNA_F

ClientSampleId :

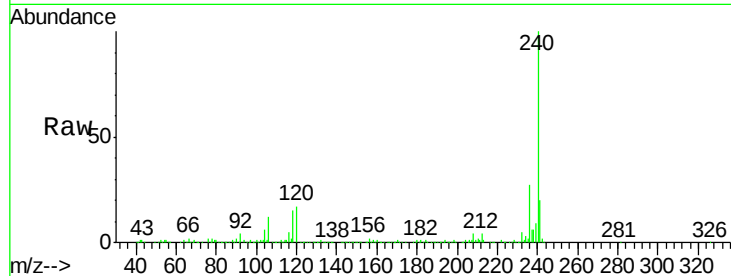
Tot Ion:240 Resp: 267634

Ion Ratio Lower Upper

240 100

120 17.1 5.3 7.9#

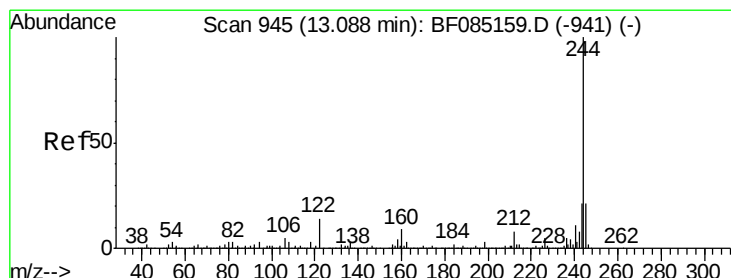
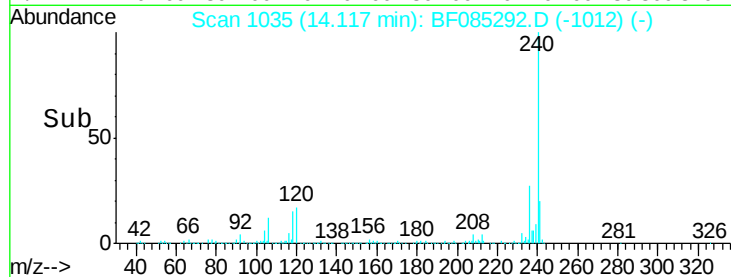
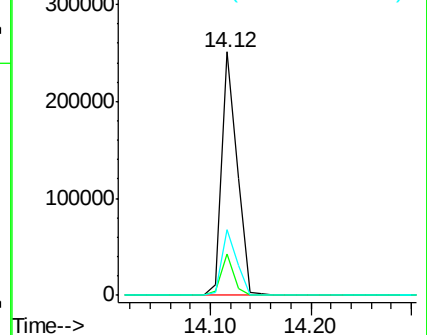
236 26.8 20.7 31.1



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: 83.81 ng

RT: 13.07 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085292.D

Acq: 9 Mar 2016 8:22

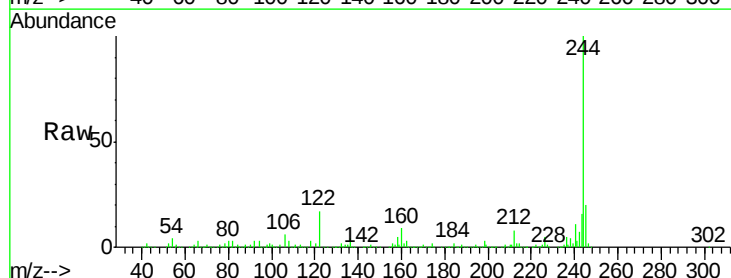
Tgt Ion:244 Resp: 966244

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

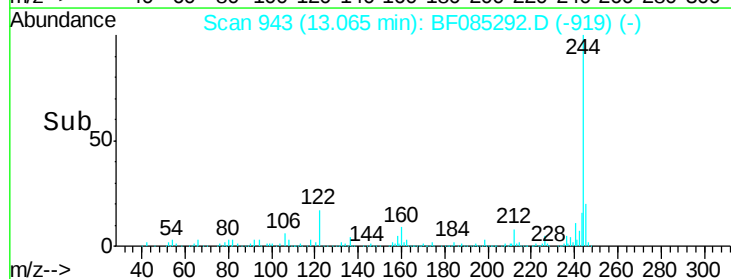
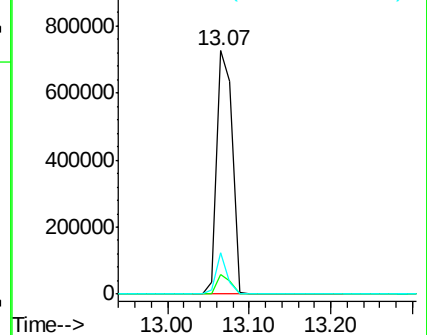
122 16.9 11.4 17.2

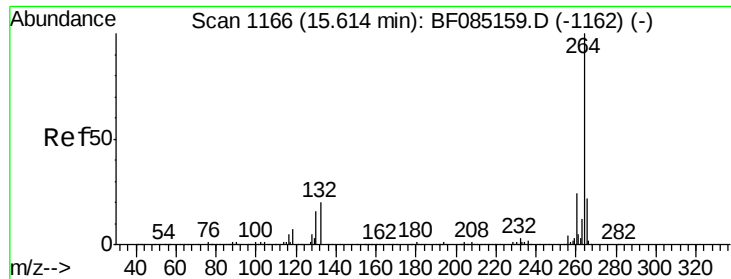


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

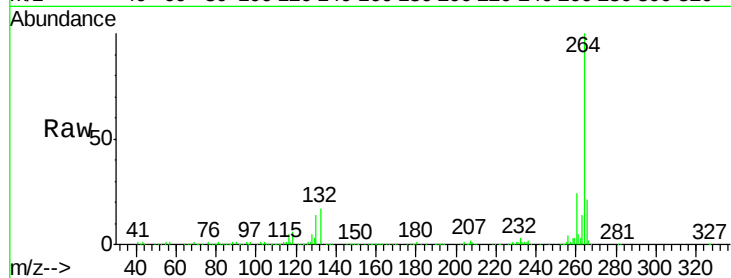




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF085292.D
Acq: 9 Mar 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	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

