

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085216.D
 Acq On : 4 Mar 2016 21:34
 Operator : SJ/IZ
 Sample : H1684-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID-3

Quant Time: Mar 04 22:10:57 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

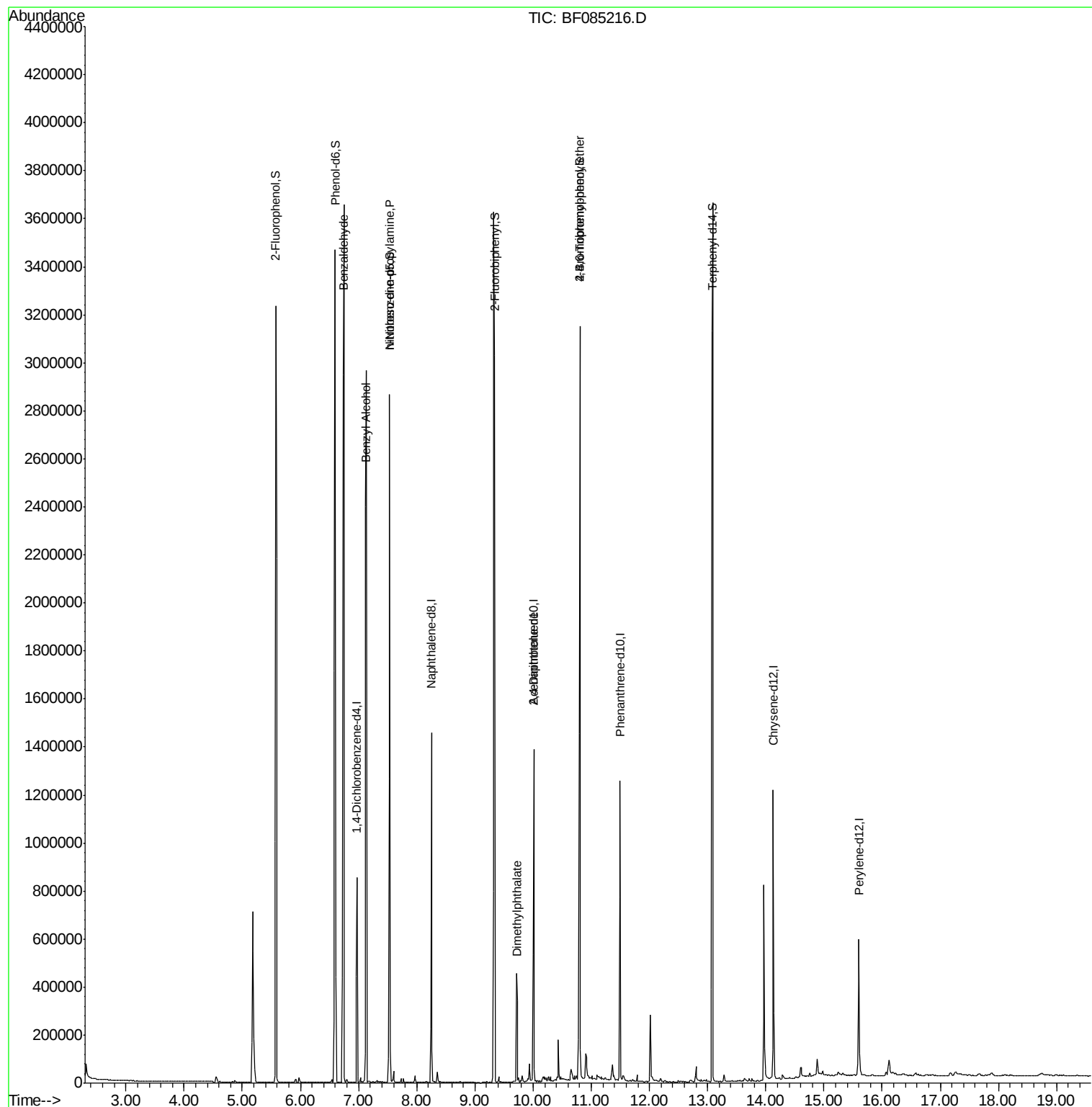
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150813	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	614216	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	288459	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	561096	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	387149	20.00	ng	-0.02
86) Perylene-d12	15.60	264	269708	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1378567	153.33	ng	0.00
7) Phenol-d6	6.60	99	1509643	128.16	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1052491	91.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	406008	164.49	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1762050	92.90	ng	-0.01
78) Terphenyl-d14	13.09	244	1666765	99.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	31469	2.78	ng	Qvalue 91
15) Benzyl Alcohol	7.12	79	18258	2.11	ng	# 47
19) n-Nitroso-di-n-propylamine	7.53	70	142735	18.59	ng	# 78
49) Dimethylphthalate	9.73	163	251331	11.35	ng	98
56) 2,4-Dinitrotoluene	10.01	165	36919	6.09	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	30622	5.62	ng	# 1

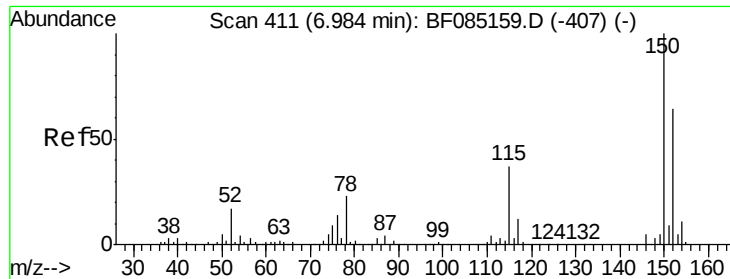
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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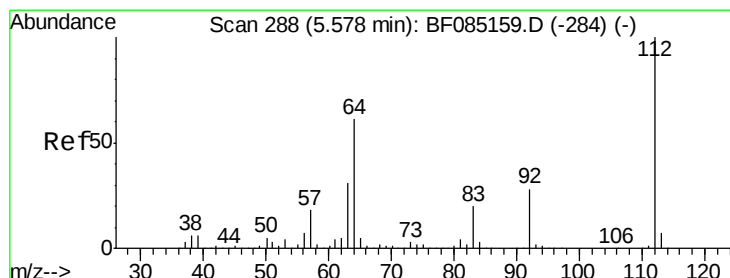
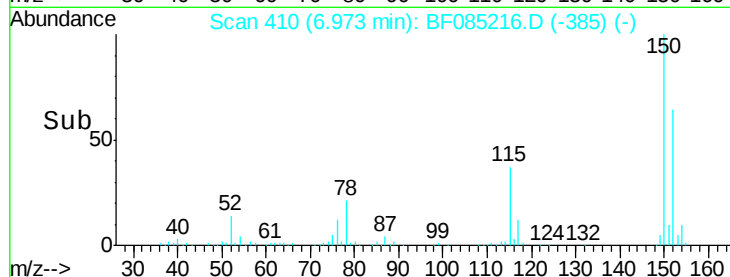
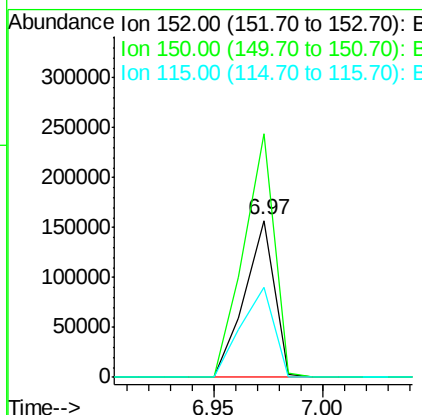
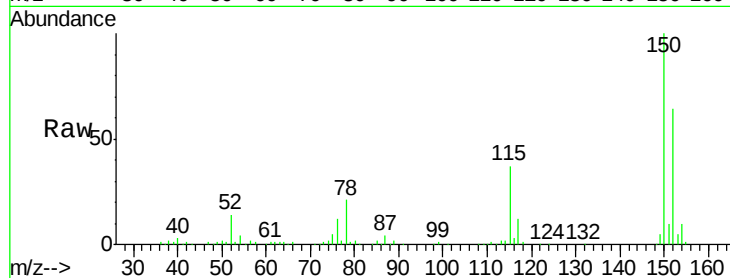




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF085216.D
 Acq: 4 Mar 2016 21:34

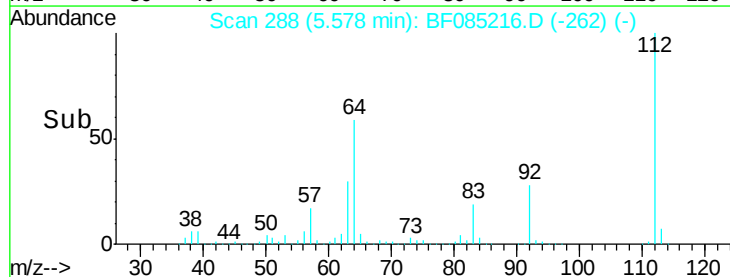
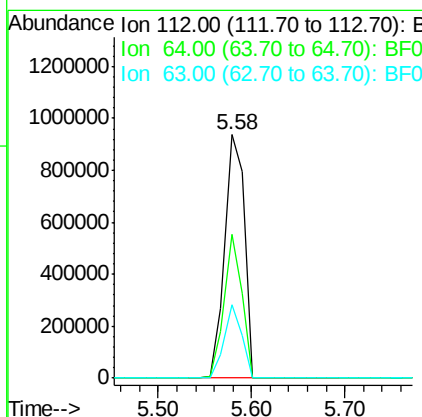
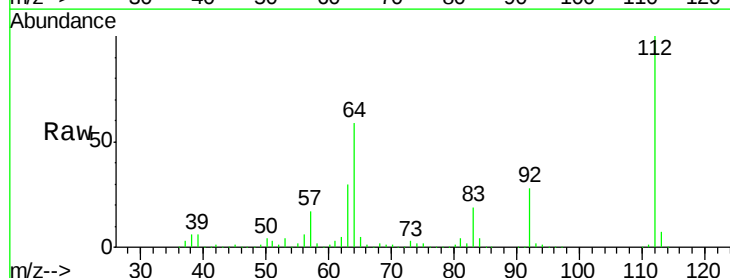
Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID-3

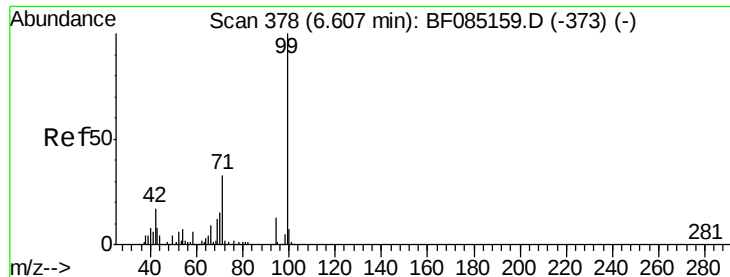
Tgt Ion:152 Resp: 150813
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 57.2 46.6 70.0



#5
 2-Fluorophenol
 Concen: 153.33 ng
 RT: 5.58 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF085216.D
 Acq: 4 Mar 2016 21:34

Tgt Ion:112 Resp: 1378567
 Ion Ratio Lower Upper
 112 100
 64 59.1 49.0 73.4
 63 29.9 24.8 37.2





#7

Phenol-d6

Concen: 128.16 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085216.D

Acq: 4 Mar 2016 21:34

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID-3

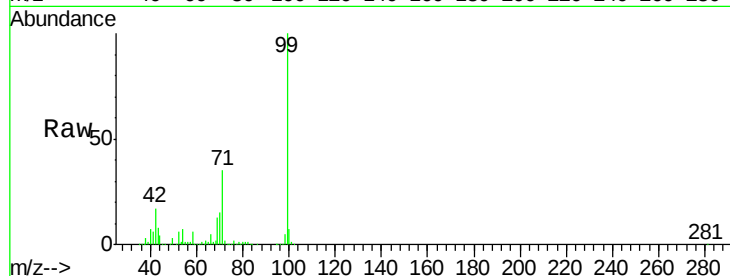
Tgt Ion: 99 Resp: 1509643

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

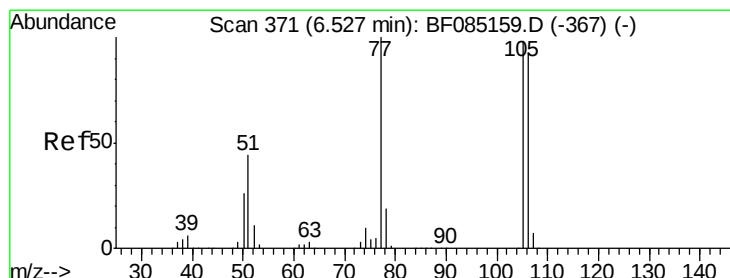
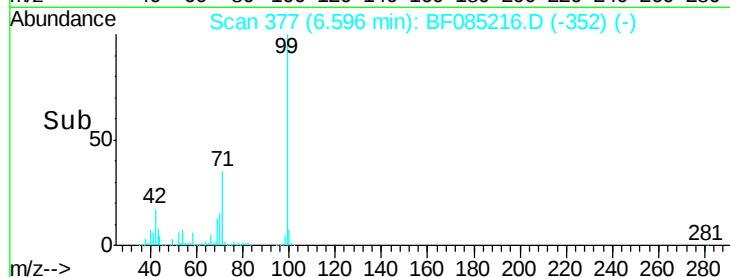
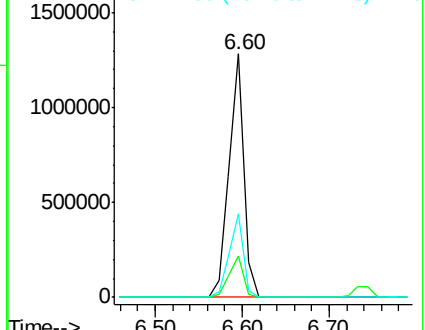
71 34.5 26.7 40.1



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: 2.78 ng

RT: 6.74 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF085216.D

Acq: 4 Mar 2016 21:34

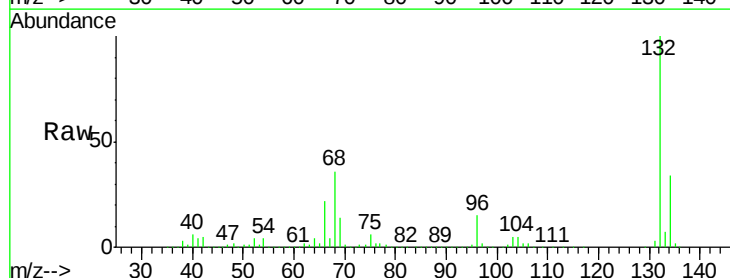
Tgt Ion: 77 Resp: 31469

Ion Ratio Lower Upper

77 100

105 87.1 78.2 118.2

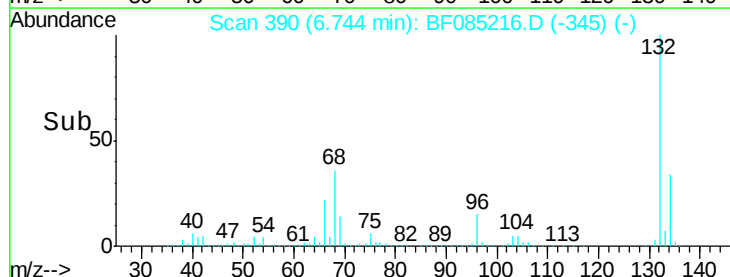
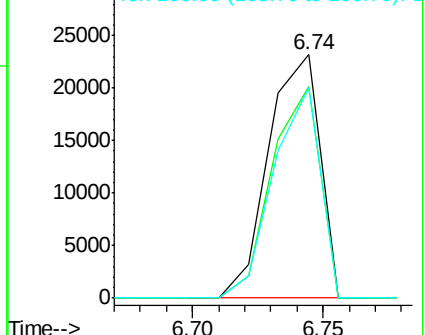
106 86.3 72.9 112.9

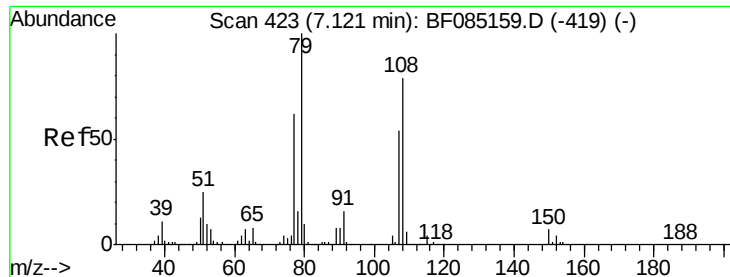


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF085216.D

Acq: 4 Mar 2016 21:34

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID-3

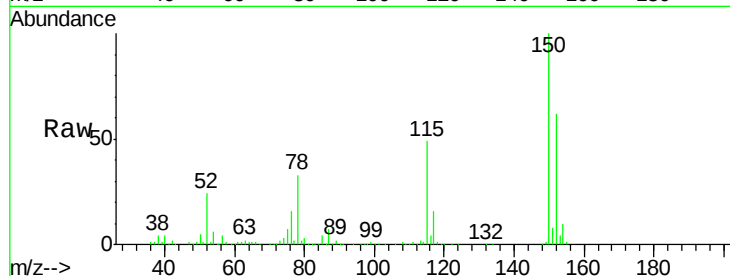
Tgt Ion: 79 Resp: 18258

Ion Ratio Lower Upper

79 100

108 26.4 62.9 94.3#

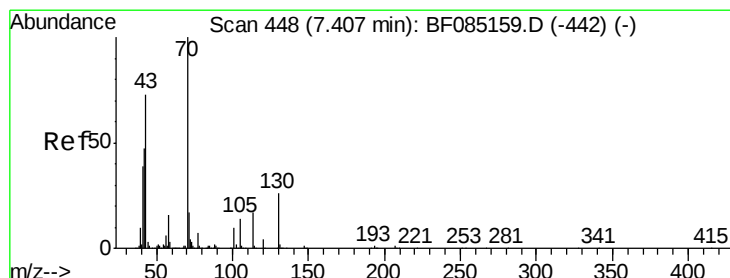
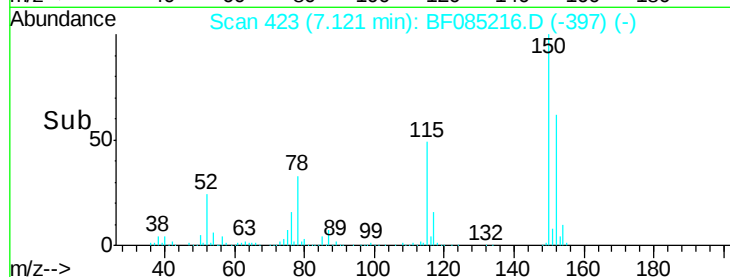
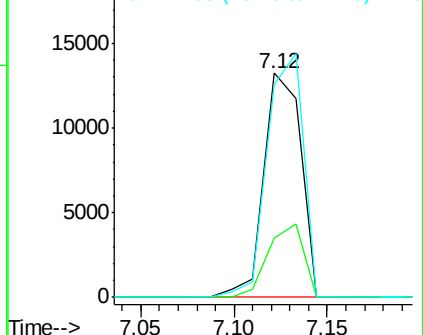
77 95.2 49.5 74.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.59 ng

RT: 7.53 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF085216.D

Acq: 4 Mar 2016 21:34

Tgt Ion: 70 Resp: 142735

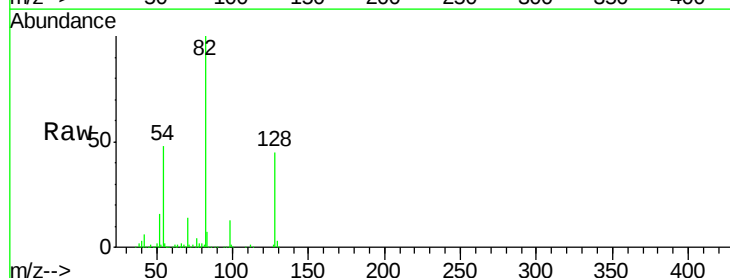
Ion Ratio Lower Upper

70 100

42 41.6 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

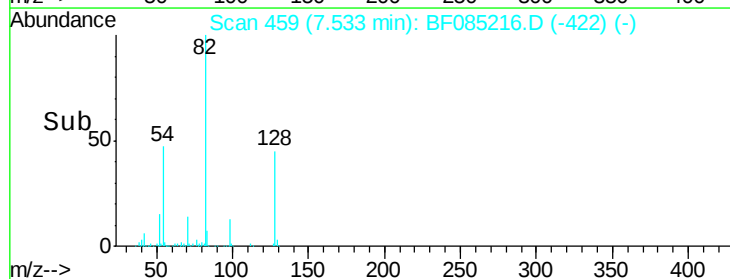
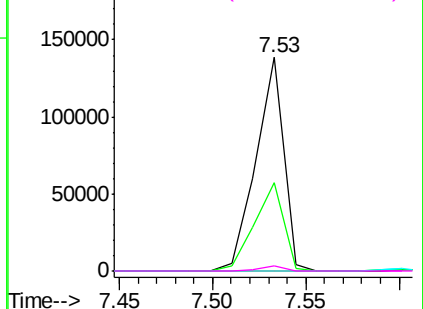


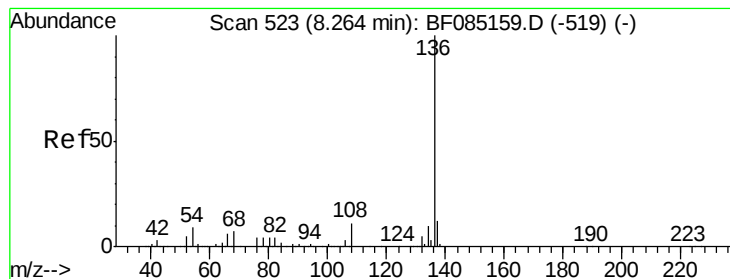
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085216.D

Acq: 4 Mar 2016 21:34

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID-3

Tgt Ion:136 Resp: 614216

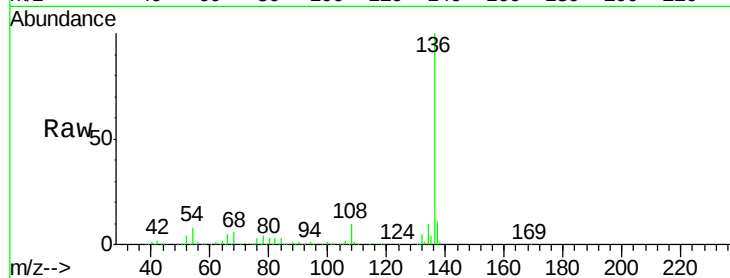
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 8.0 7.4 11.2

68 6.4 6.0 9.0

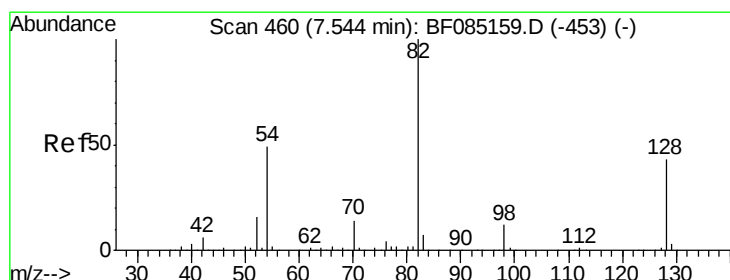
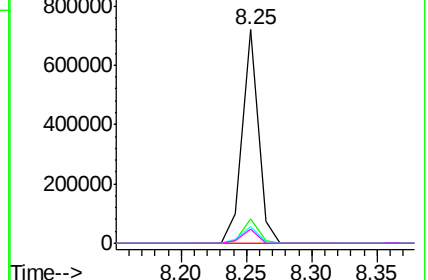
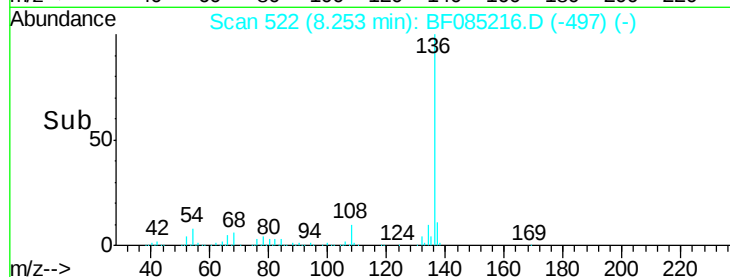


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.70 ng

RT: 7.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF085216.D

Acq: 4 Mar 2016 21:34

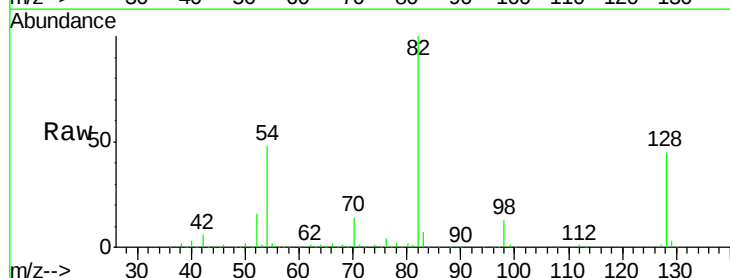
Tgt Ion: 82 Resp: 1052491

Ion Ratio Lower Upper

82 100

128 45.4 34.5 51.7

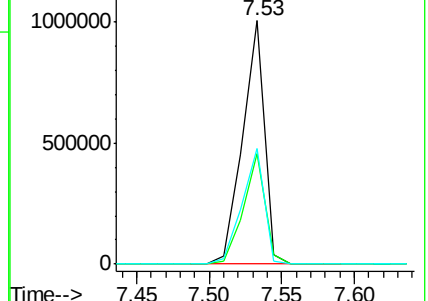
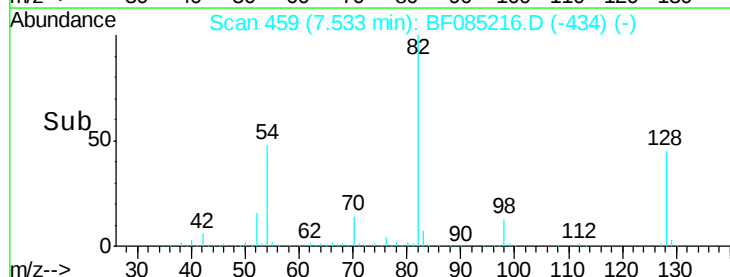
54 47.6 39.3 58.9

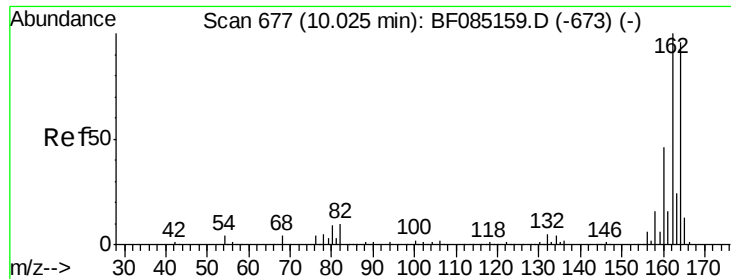


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

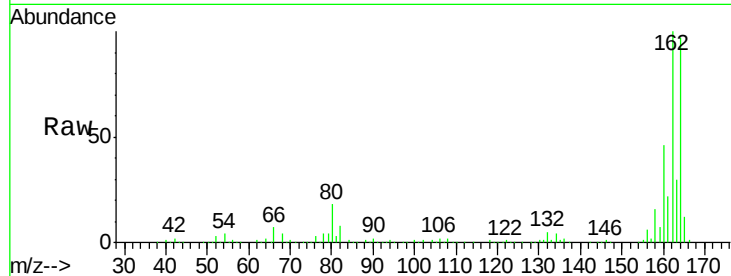




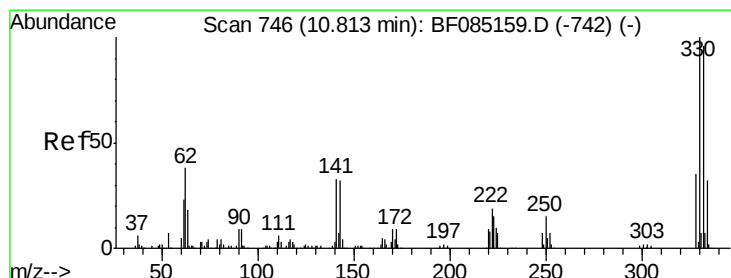
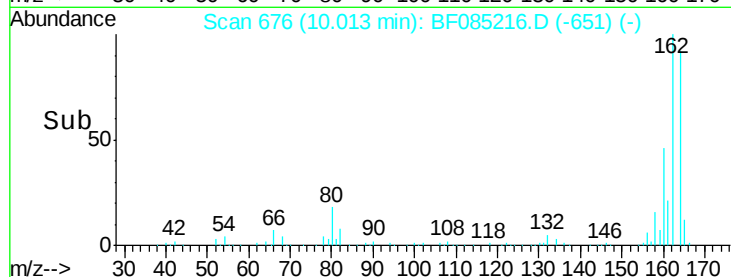
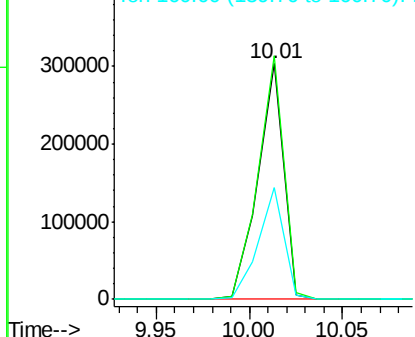
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085216.D
Acq: 4 Mar 2016 21:34

Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID-3

Tgt Ion:164 Resp: 288459
Ion Ratio Lower Upper
164 100
162 103.2 83.3 124.9
160 47.5 37.9 56.9

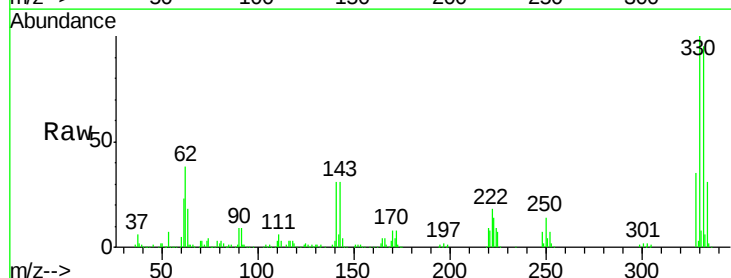


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

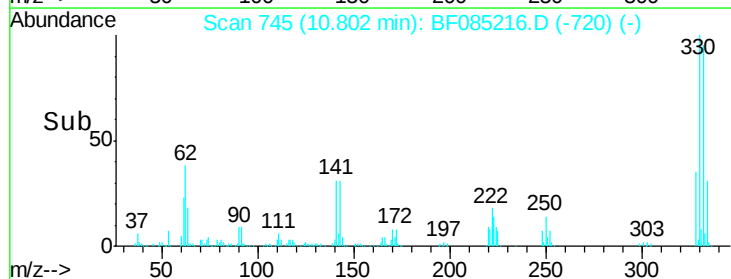
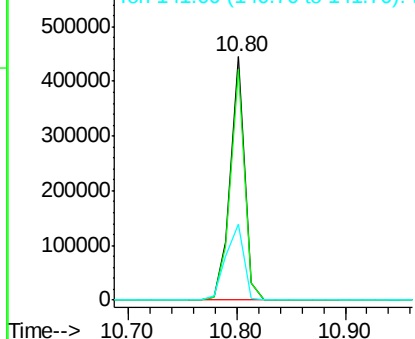


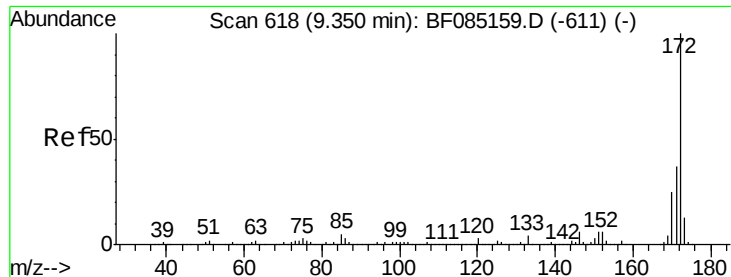
#41
2,4,6-Tribromophenol
Concen: 164.49 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085216.D
Acq: 4 Mar 2016 21:34

Tgt Ion:330 Resp: 406008
Ion Ratio Lower Upper
330 100
332 94.7 77.1 115.7
141 39.3 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

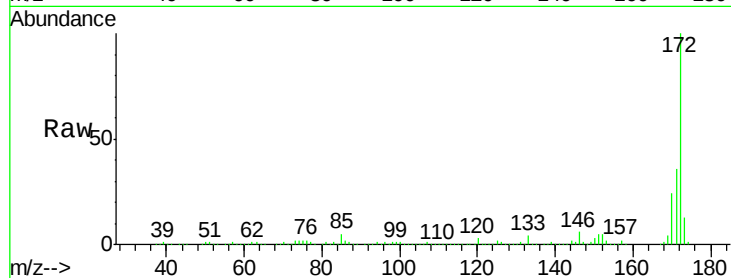




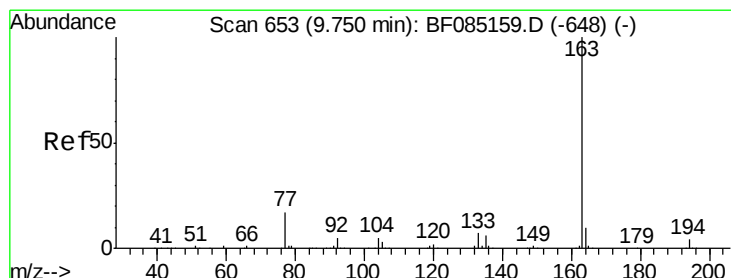
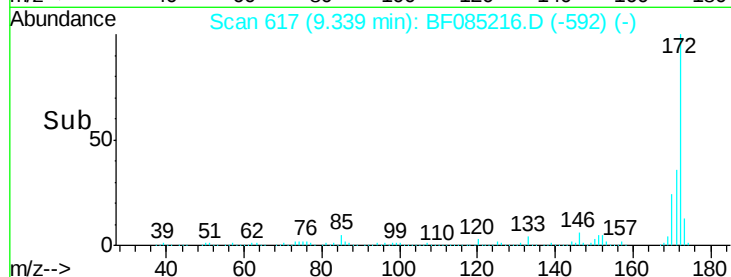
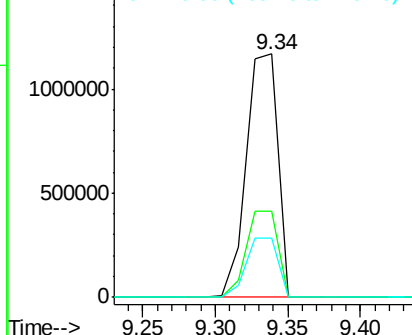
#44
2-Fluorobiphenyl
Concen: 92.90 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085216.D
Acq: 4 Mar 2016 21:34

Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID-3

Tgt Ion:172 Resp: 1762050
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 24.4 20.0 30.0

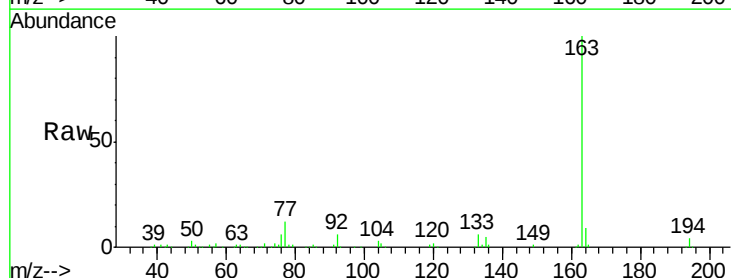


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

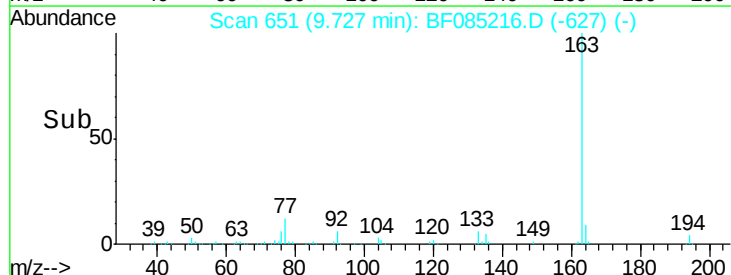
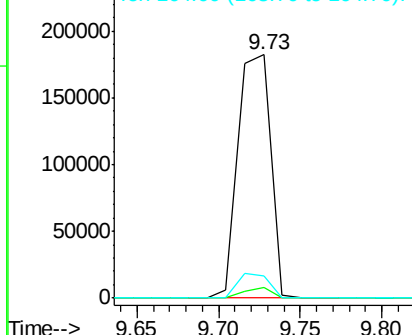


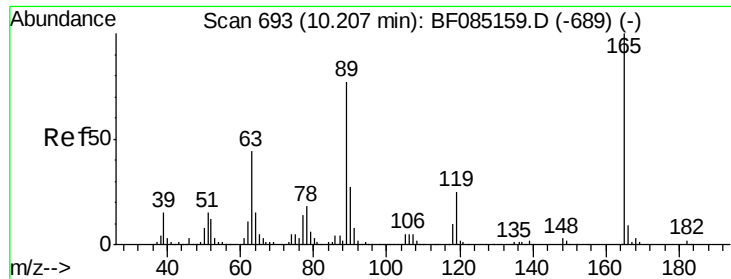
#49
Dimethylphthalate
Concen: 11.35 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085216.D
Acq: 4 Mar 2016 21:34

Tgt Ion:163 Resp: 251331
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.1 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

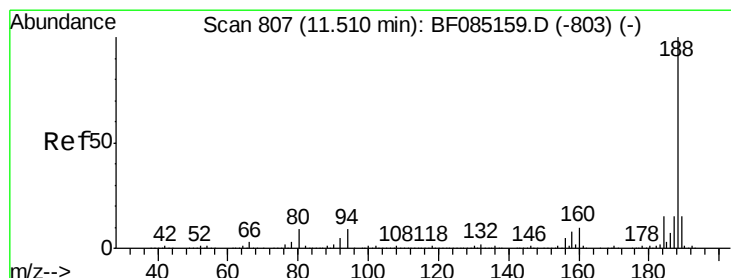
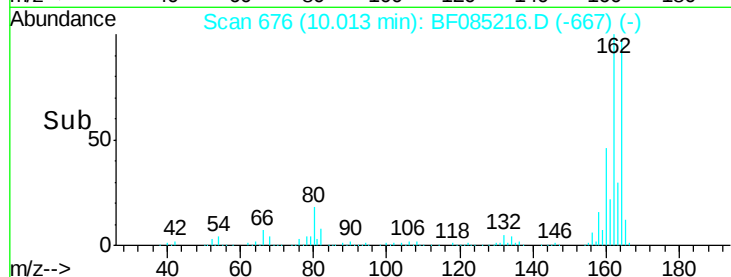
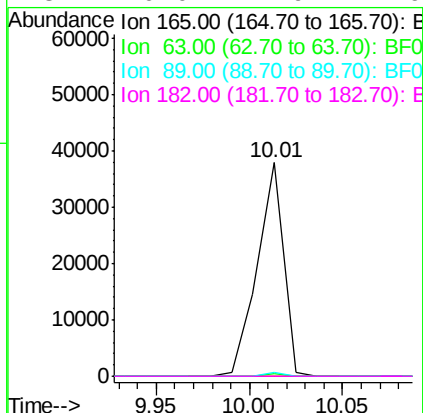
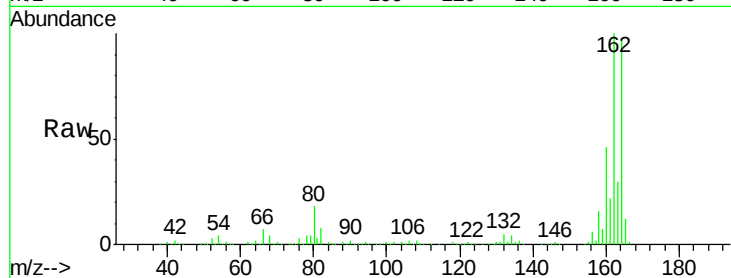




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.19 min
 Lab File: BF085216.D
 Acq: 4 Mar 2016 21:34

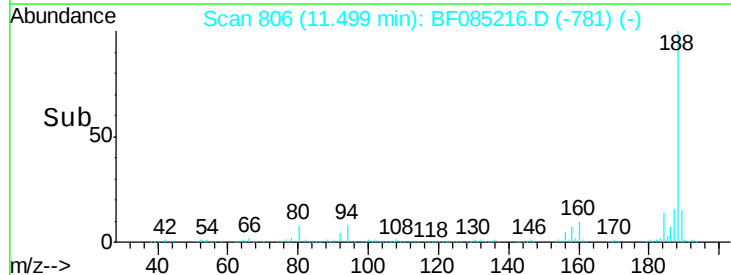
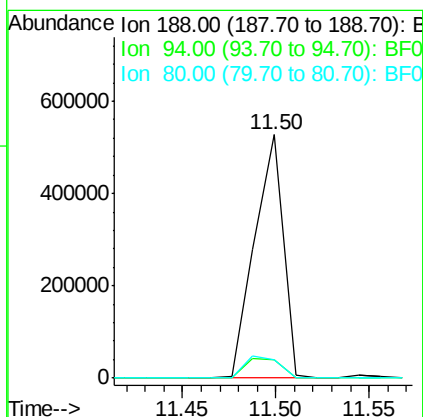
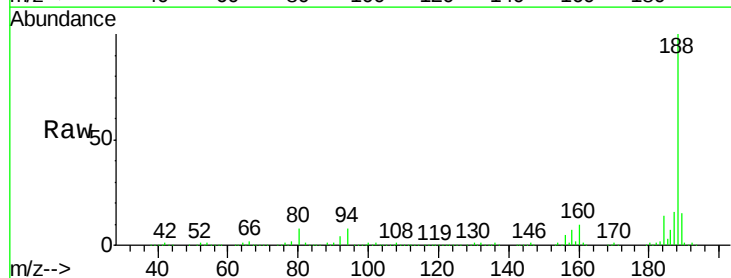
Instrument :
 BNA_F
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 RW-48-S2-GRID-3

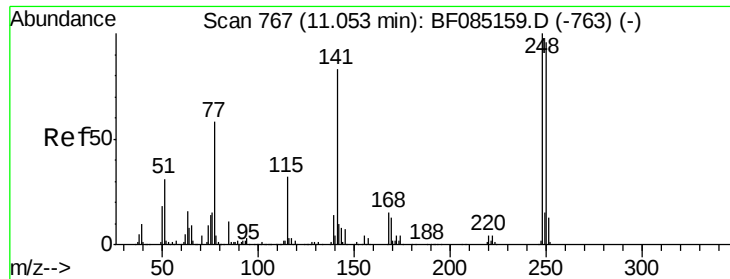
Tgt Ion:	165	Resp:	36919
Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF085216.D
 Acq: 4 Mar 2016 21:34

Tgt Ion:	188	Resp:	561096
Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.0	10.6
80	7.7	7.4	11.0





#66

4-Bromophenyl-phenylether

Concen: 5.62 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.25 min

Lab File: BF085216.D

Acq: 4 Mar 2016 21:34

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID-3

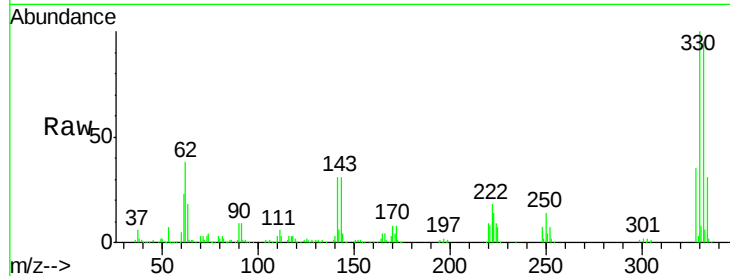
Tgt Ion:248 Resp: 30622

Ion Ratio Lower Upper

248 100

250 193.4 77.1 115.7#

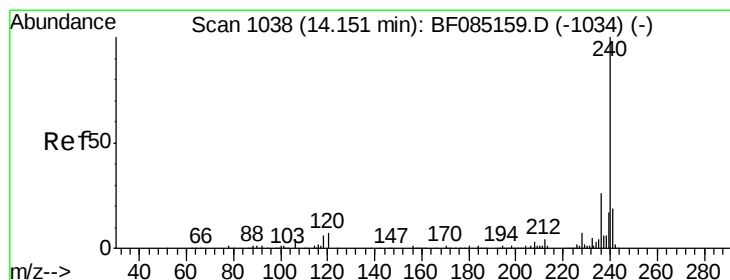
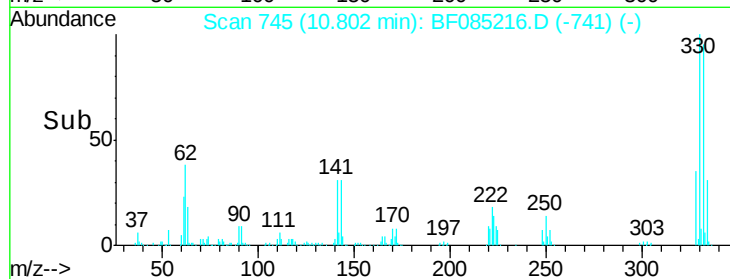
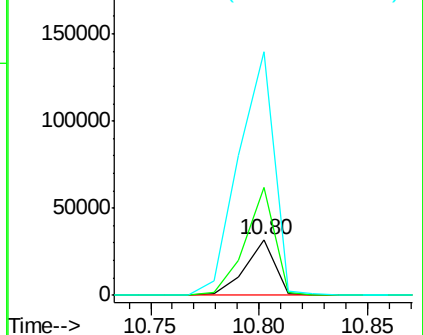
141 434.3 66.2 99.2#



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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085216.D

Acq: 4 Mar 2016 21:34

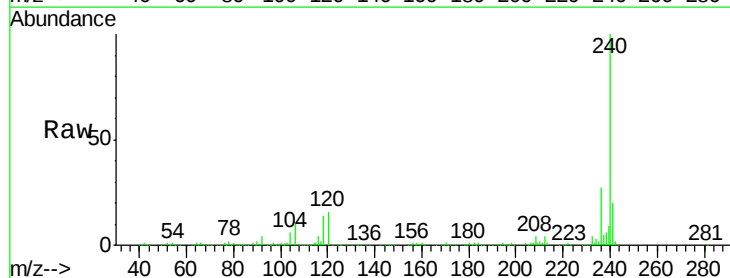
Tgt Ion:240 Resp: 387149

Ion Ratio Lower Upper

240 100

120 16.0 5.3 7.9#

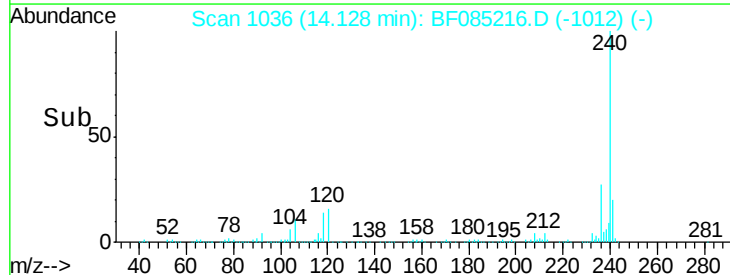
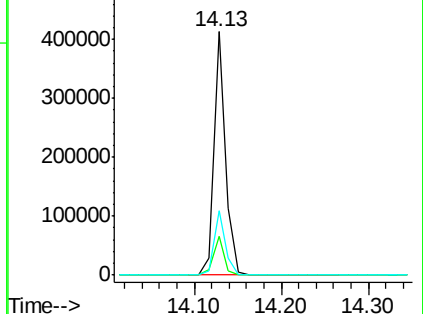
236 26.6 20.7 31.1

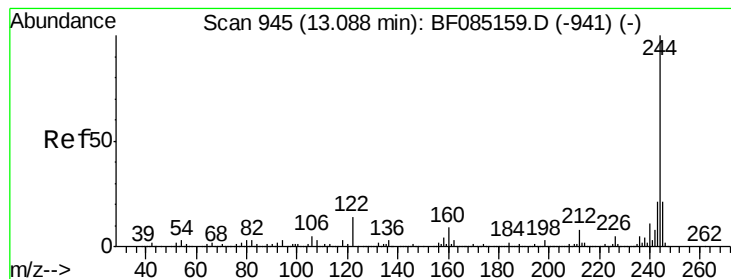


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.94 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085216.D

Acq: 4 Mar 2016 21:34

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID-3

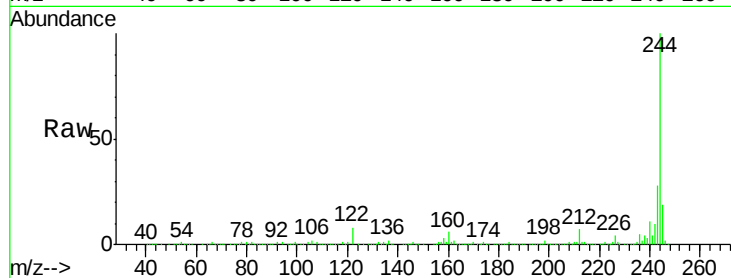
Tgt Ion:244 Resp: 1666765

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

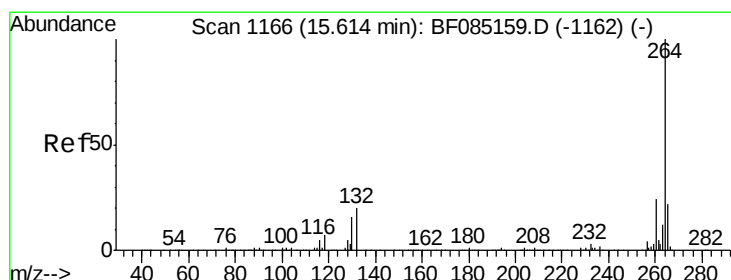
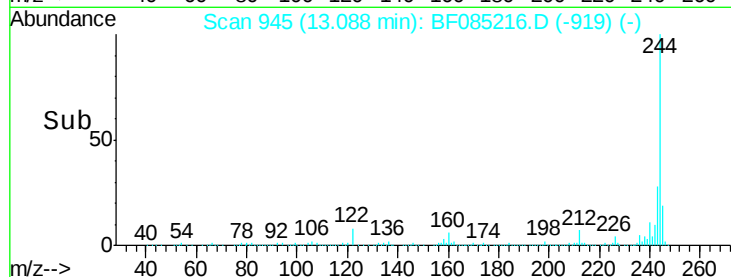
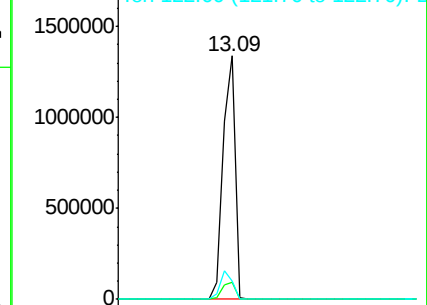
122 7.5 11.4 17.2#



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: 15.60 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF085216.D

Acq: 4 Mar 2016 21:34

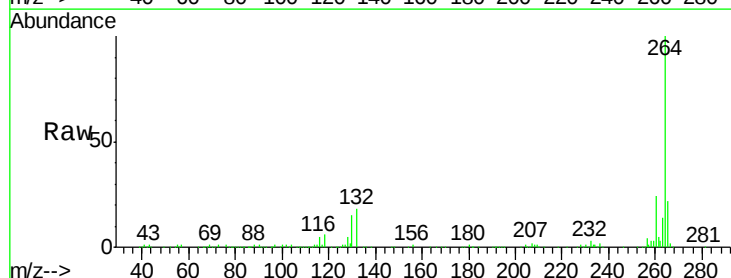
Tgt Ion:264 Resp: 269708

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.0 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

