

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085268.D
 Acq On : 8 Mar 2016 21:10
 Operator : UM/SJ
 Sample : H1707-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID5

Quant Time: Mar 09 00:06:13 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

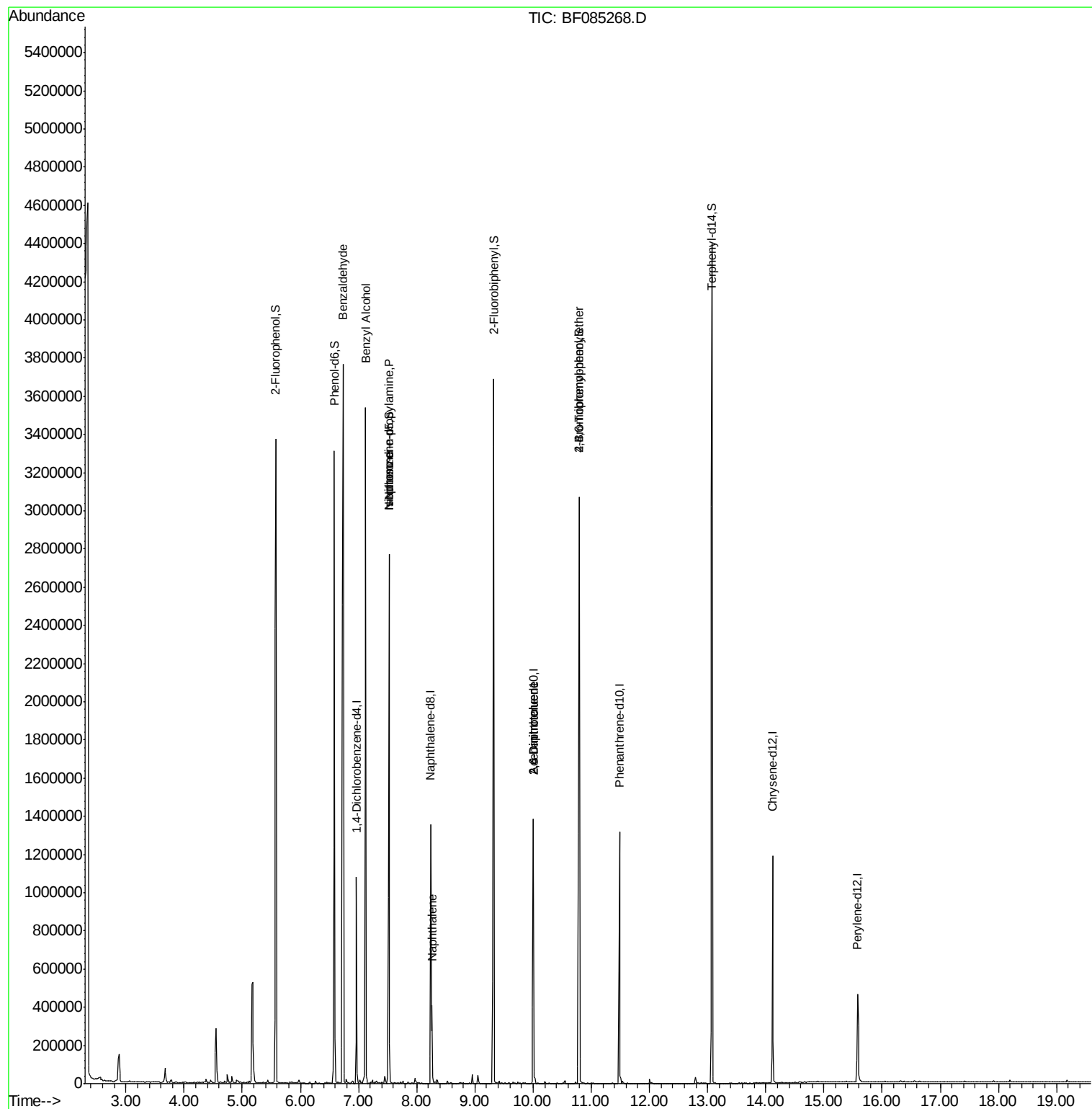
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	153168	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	586833	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	272712	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	535147	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	381838	20.00	ng	-0.03
86) Perylene-d12	15.58	264	212411	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1278306	139.99	ng	0.00
7) Phenol-d6	6.58	99	1251648	104.62	ng	-0.02
23) Nitrobenzene-d5	7.52	82	960503	87.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	387551	166.08	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1779161	99.22	ng	-0.02
78) Terphenyl-d14	13.08	244	1772863	107.78	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	29505	2.39	ng	89
15) Benzyl Alcohol	7.12	79	18130	2.06	ng	# 42
19) n-Nitroso-di-n-propylamine	7.52	70	130220	16.70	ng	# 78
25) Isophorone	7.52	82	715346	35.20	ng	# 67
31) Naphthalene	8.26	128	170996	5.93	ng	98
50) 2,6-Dinitrotoluene	10.00	165	35347	7.89	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	35348	6.17	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	27669	5.32	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085268.D
Acq On : 8 Mar 2016 21:10
Operator : UM/SJ
Sample : H1707-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID5

Quant Time: Mar 09 00:06:13 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

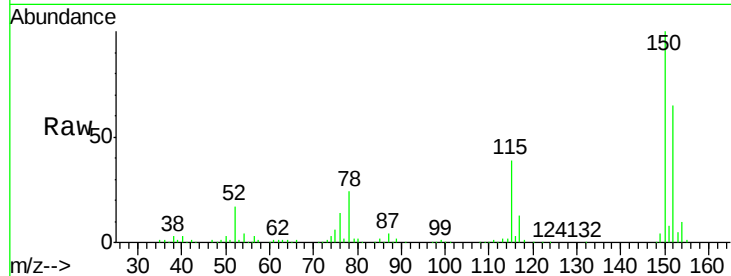
Tgt Ion:152 Resp: 153168

Ion Ratio Lower Upper

152 100

150 155.0 124.6 186.8

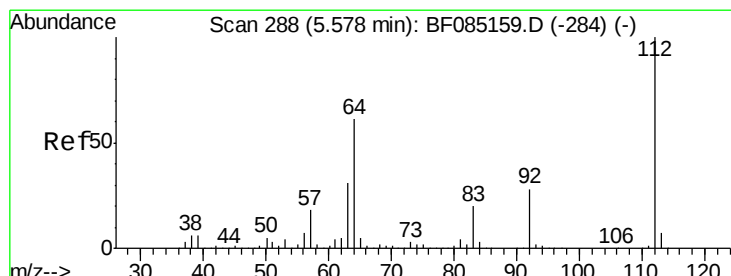
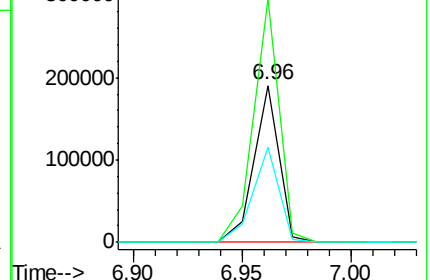
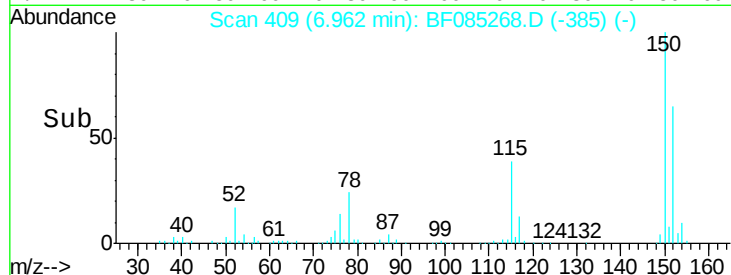
115 60.3 46.6 70.0



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: 139.99 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

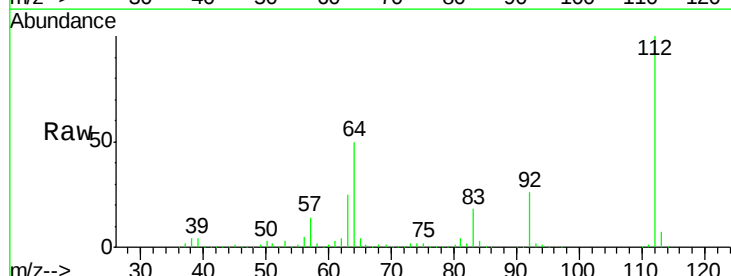
Tgt Ion:112 Resp: 1278306

Ion Ratio Lower Upper

112 100

64 50.2 49.0 73.4

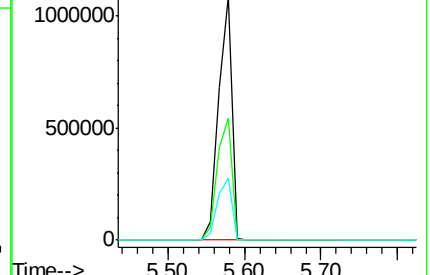
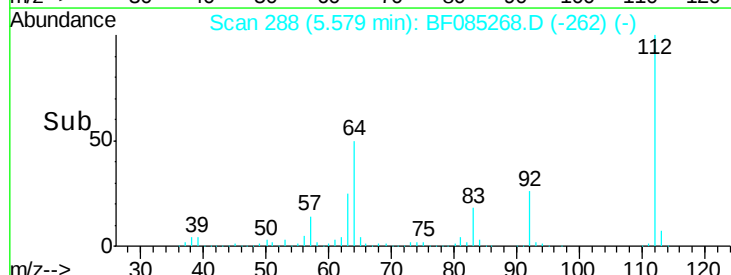
63 25.5 24.8 37.2

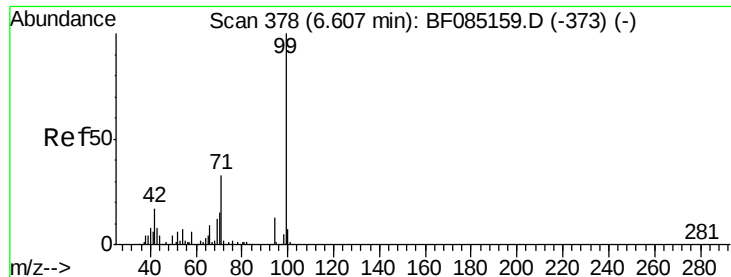


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.62 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

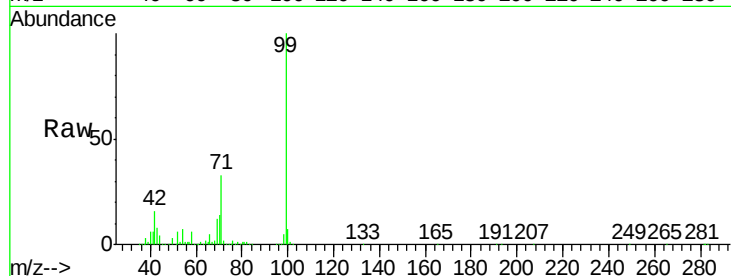
Tgt Ion: 99 Resp: 1251648

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

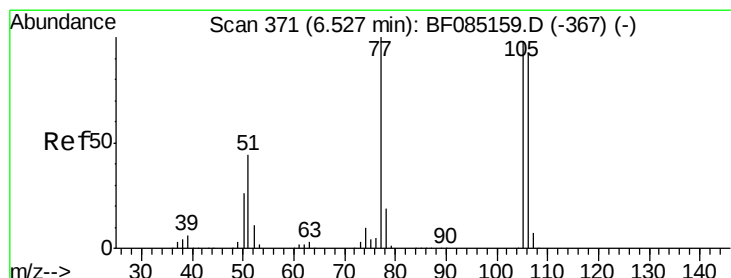
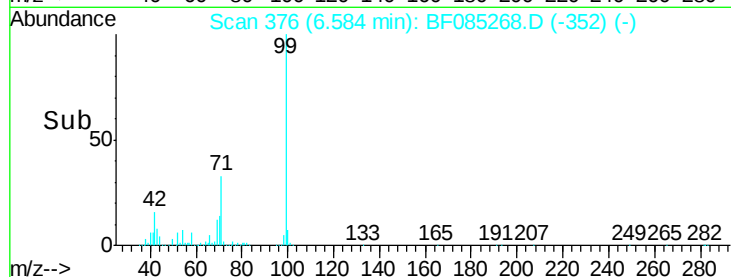
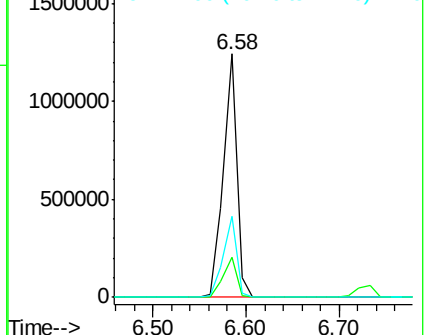
71 33.5 26.7 40.1



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: 2.39 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

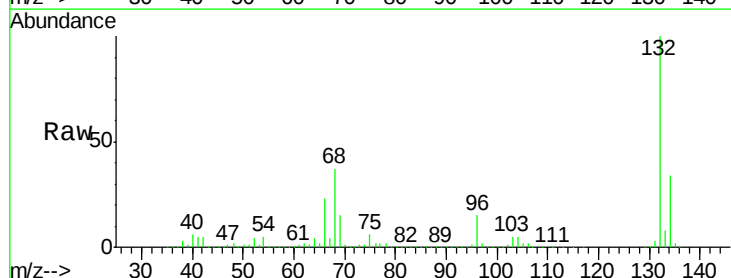
Tgt Ion: 77 Resp: 29505

Ion Ratio Lower Upper

77 100

105 89.0 78.2 118.2

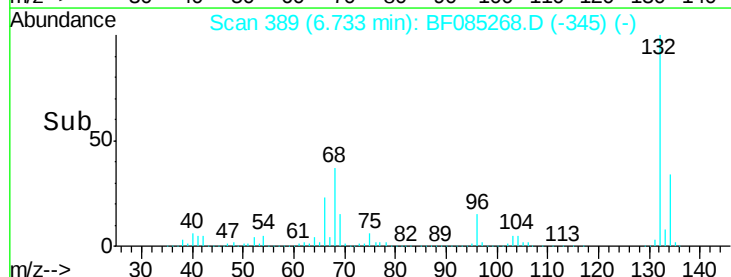
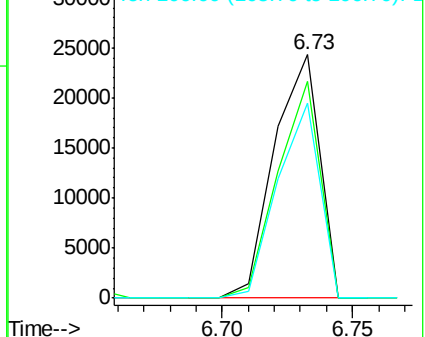
106 80.1 72.9 112.9

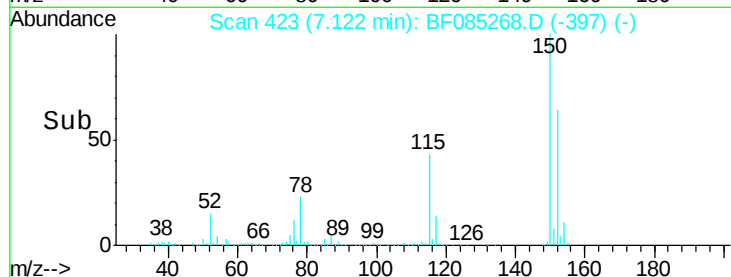
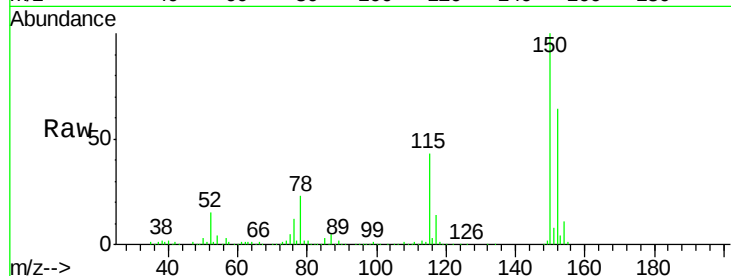
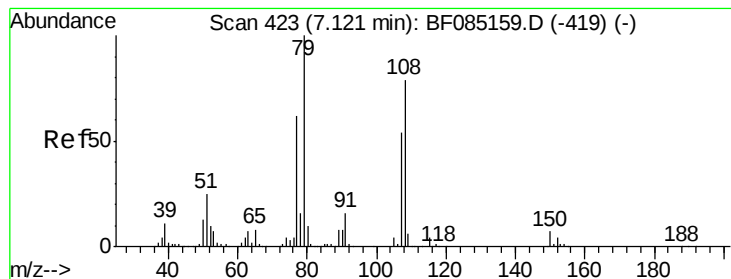


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

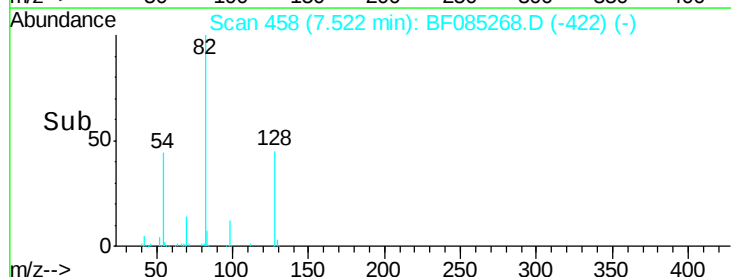
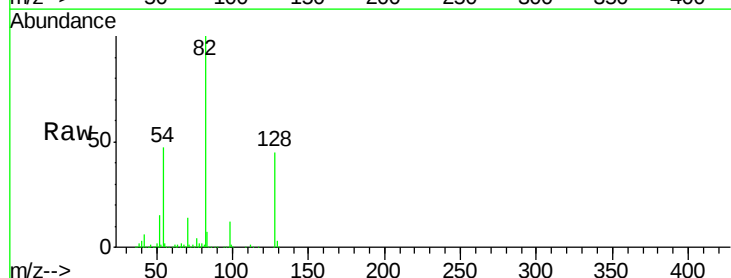
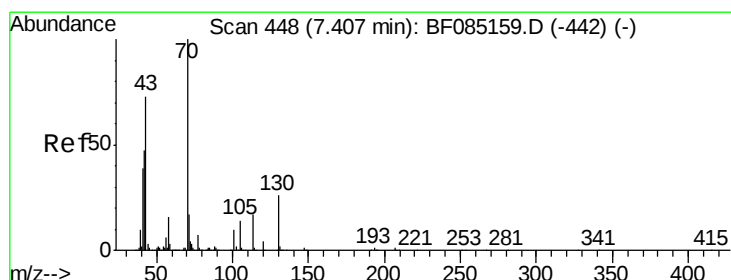
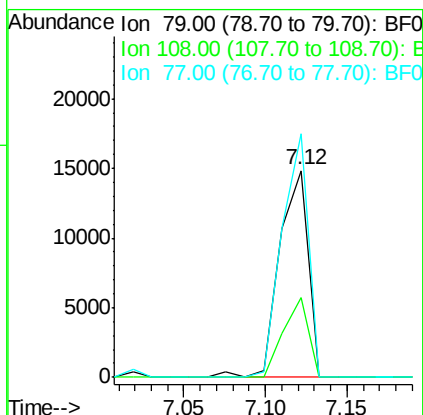
Tgt Ion: 79 Resp: 18130

Ion Ratio Lower Upper

79 100

108 38.5 62.9 94.3#

77 117.6 49.5 74.3#



#19

n-Nitroso-di-n-propylamine

Concen: 16.70 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

Tgt Ion: 70 Resp: 130220

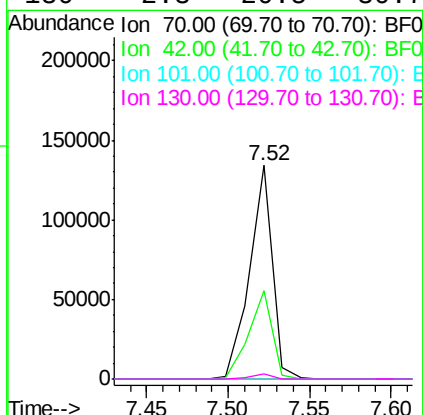
Ion Ratio Lower Upper

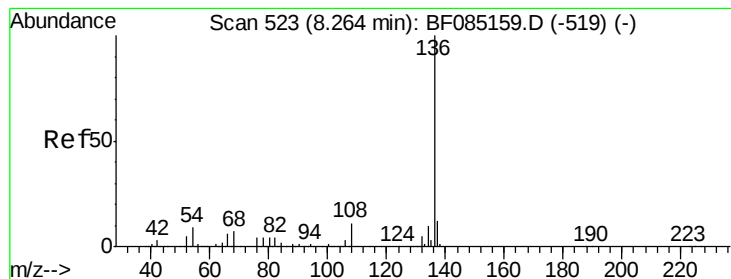
70 100

42 41.6 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

Tgt Ion:136 Resp: 586833

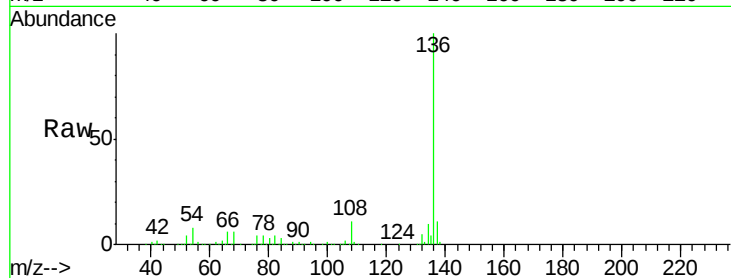
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.7 7.4 11.2

68 6.4 6.0 9.0

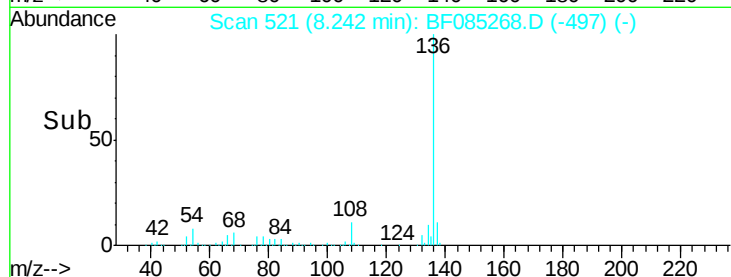


Abundance Ion 136.00 (135.70 to 136.70): E

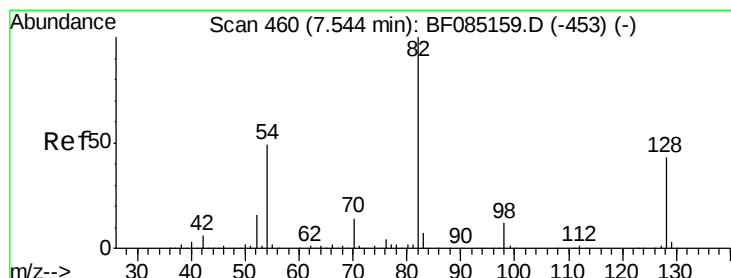
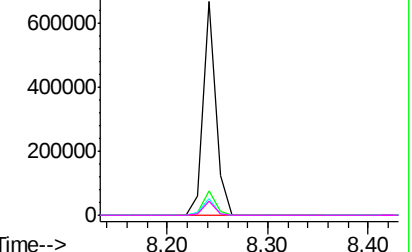
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 87.59 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

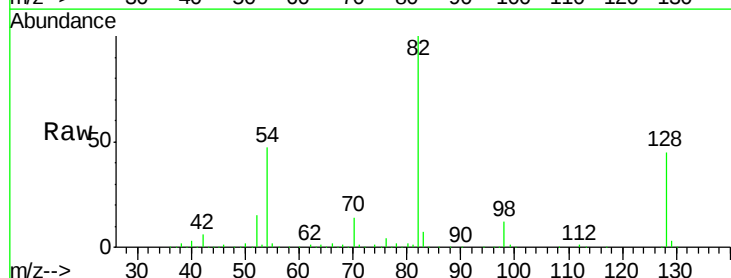
Tgt Ion: 82 Resp: 960503

Ion Ratio Lower Upper

82 100

128 45.3 34.5 51.7

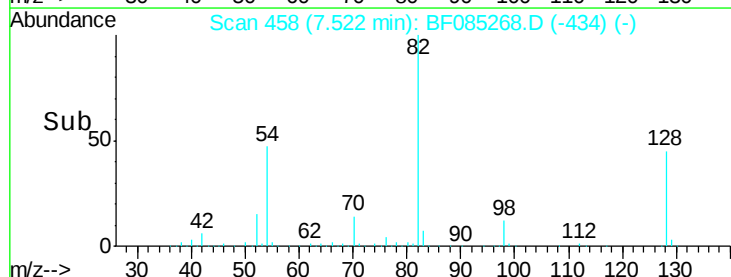
54 47.0 39.3 58.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

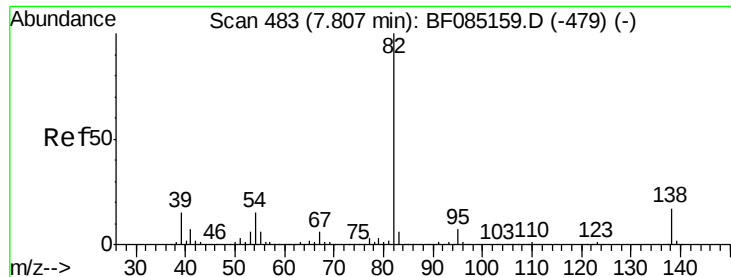
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 35.20 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

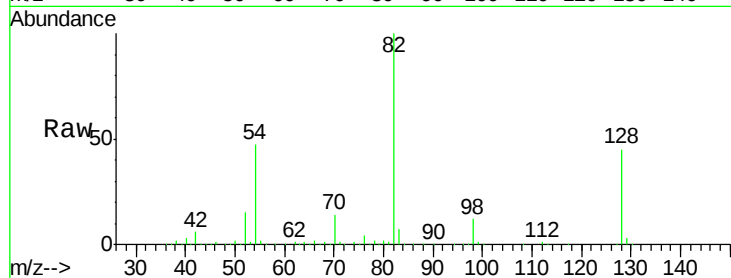
Tgt Ion: 82 Resp: 715346

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

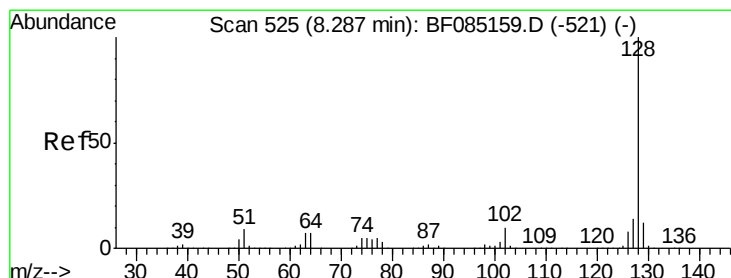
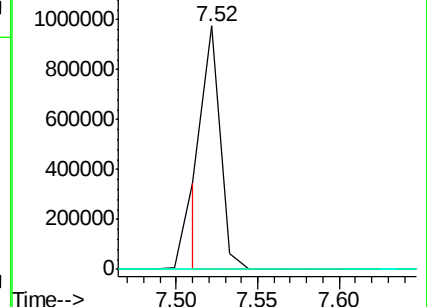
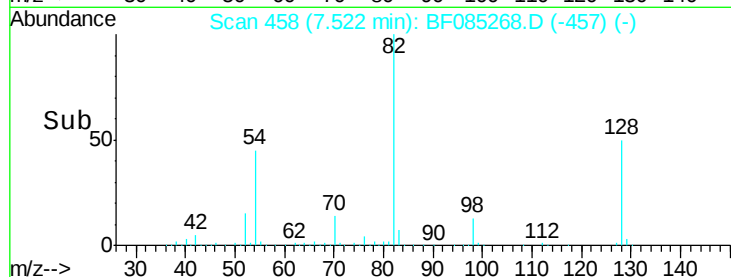
138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF085159.D (-479) (-)

Ion 95.00 (94.70 to 95.70): BF085159.D (-479) (-)

Ion 138.00 (137.70 to 138.70): BF085159.D (-479) (-)



#31

Naphthalene

Concen: 5.93 ng

RT: 8.26 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

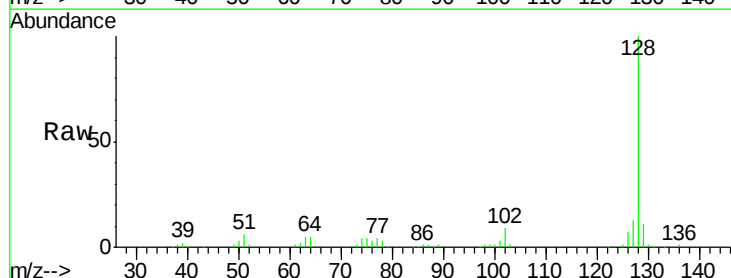
Tgt Ion: 128 Resp: 170996

Ion Ratio Lower Upper

128 100

129 11.0 9.7 14.5

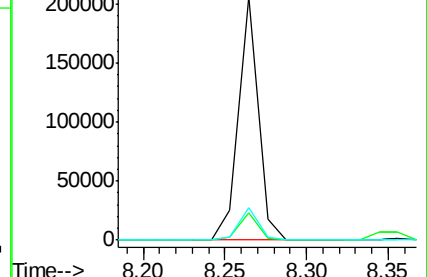
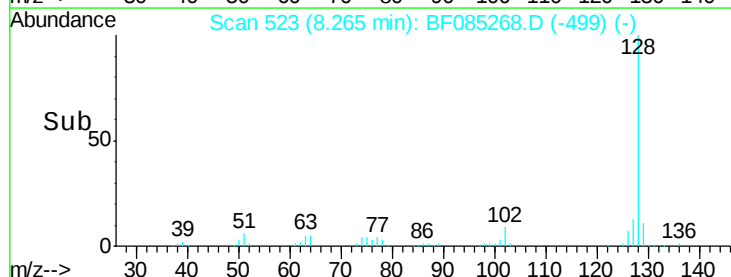
127 13.1 11.2 16.8

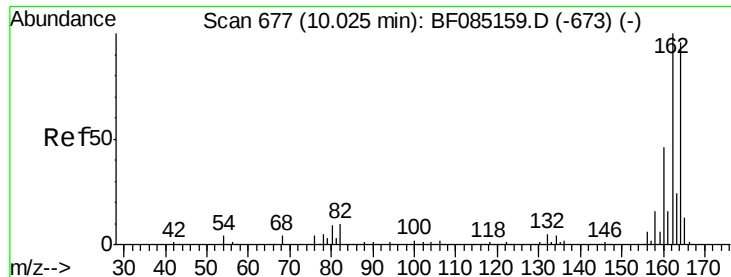


Abundance Ion 128.00 (127.70 to 128.70): BF085159.D (-521) (-)

Ion 129.00 (128.70 to 129.70): BF085159.D (-521) (-)

Ion 127.00 (126.70 to 127.70): BF085159.D (-521) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

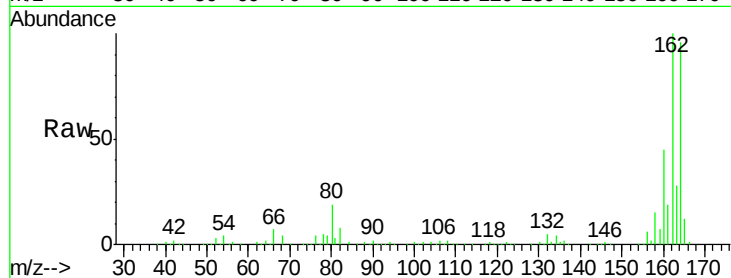
Tgt Ion:164 Resp: 272712

Ion Ratio Lower Upper

164 100

162 104.2 83.3 124.9

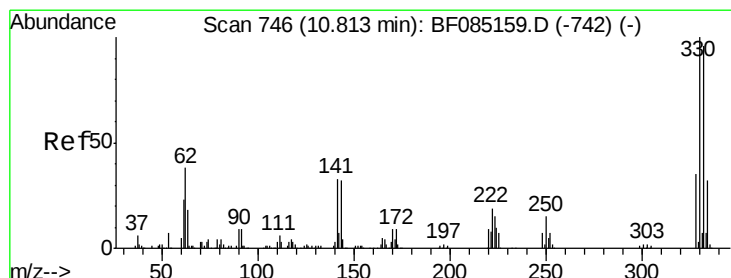
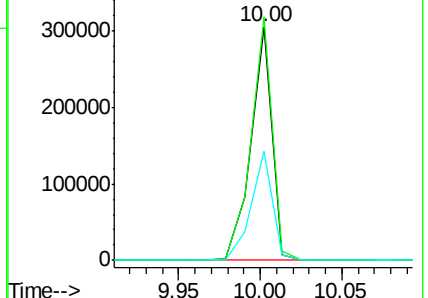
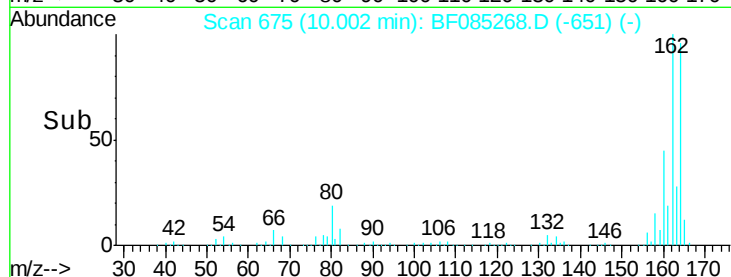
160 46.7 37.9 56.9



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: 166.08 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

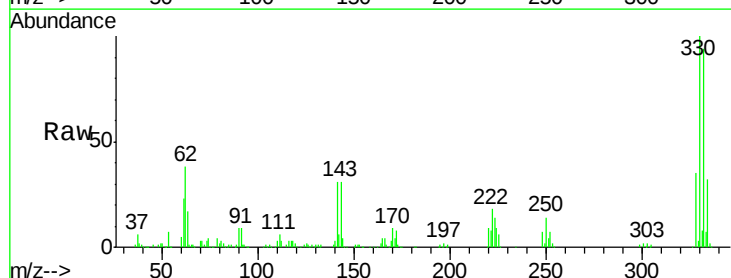
Tgt Ion:330 Resp: 387551

Ion Ratio Lower Upper

330 100

332 95.0 77.1 115.7

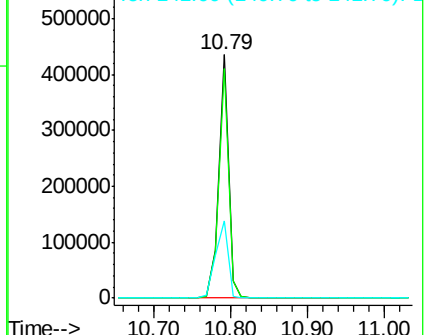
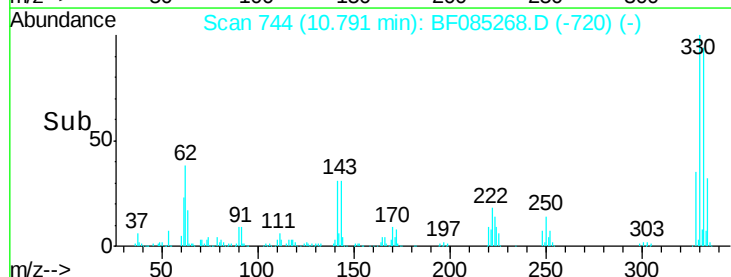
141 39.6 35.0 52.6

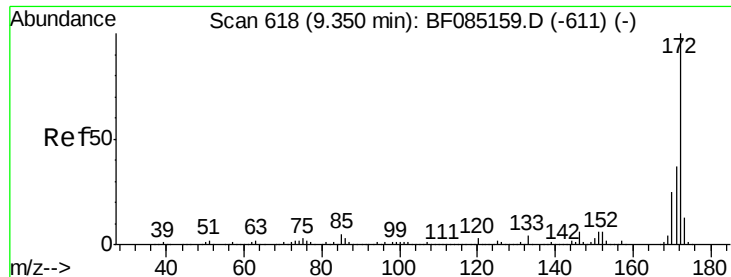


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

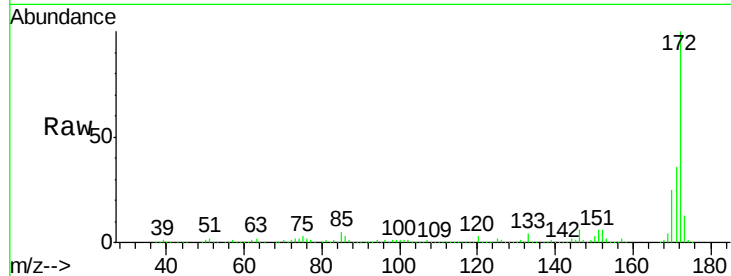




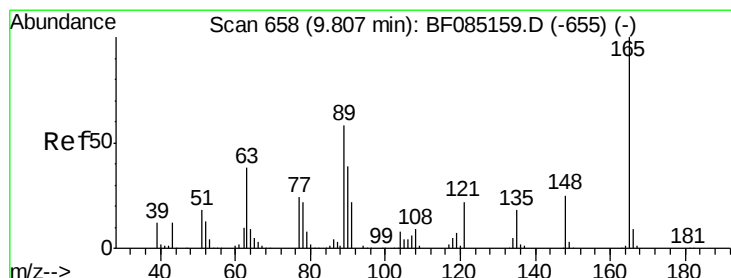
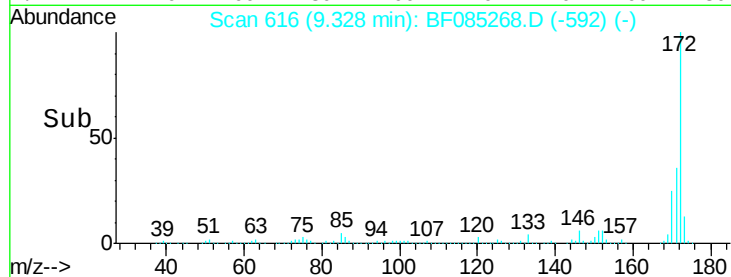
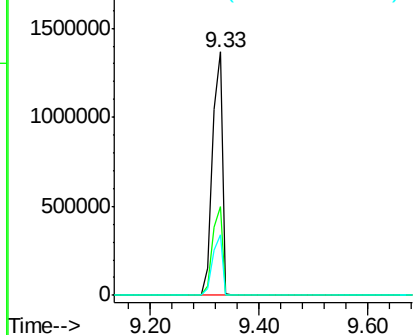
#44
 2-Fluorobiphenyl
 Concen: 99.22 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085268.D
 Acq: 8 Mar 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID5

Tgt Ion:172 Resp: 1779161
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 24.6 20.0 30.0

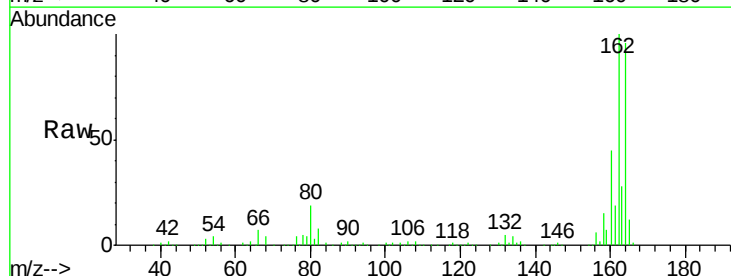


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

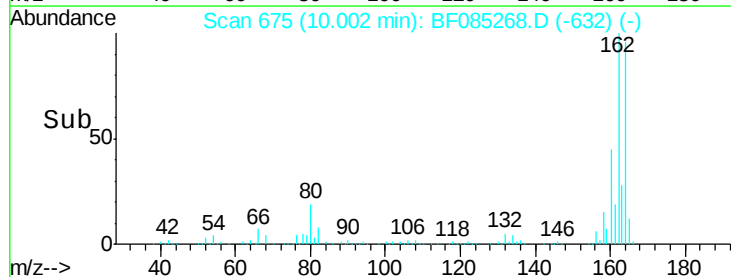
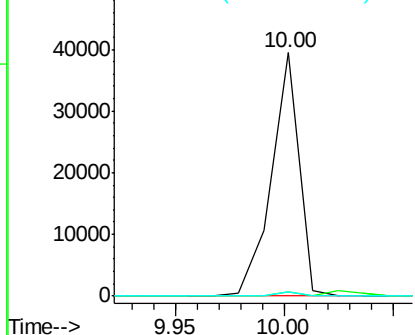


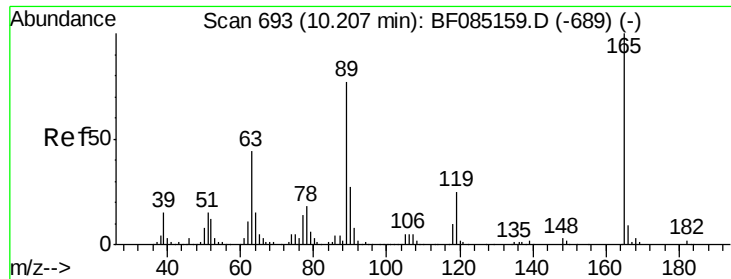
#50
 2,6-Dinitrotoluene
 Concen: 7.89 ng
 RT: 10.00 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF085268.D
 Acq: 8 Mar 2016 21:10

Tgt Ion:165 Resp: 35347
 Ion Ratio Lower Upper
 165 100
 63 1.6 41.8 62.8#
 89 1.5 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

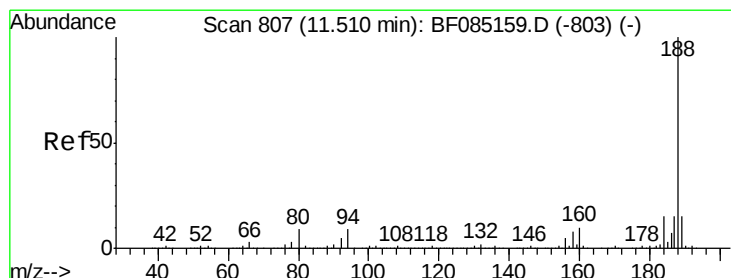
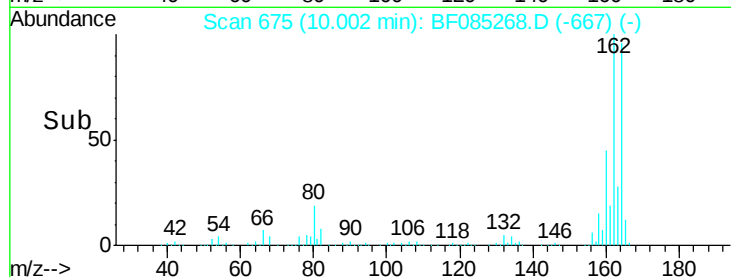
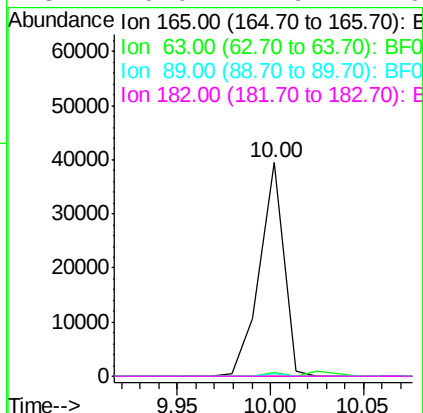
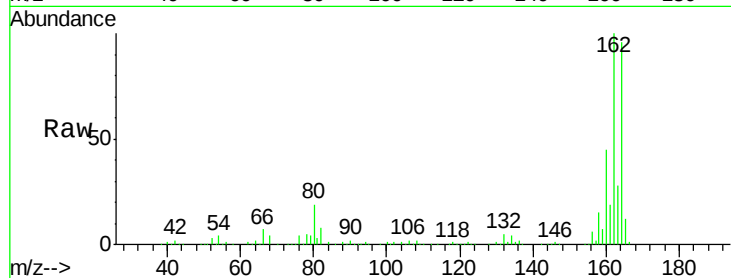




#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF085268.D
 Acq: 8 Mar 2016 21:10

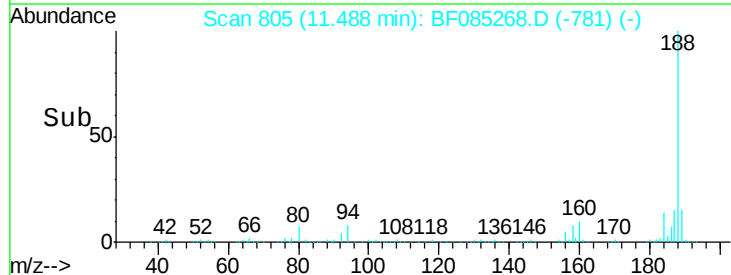
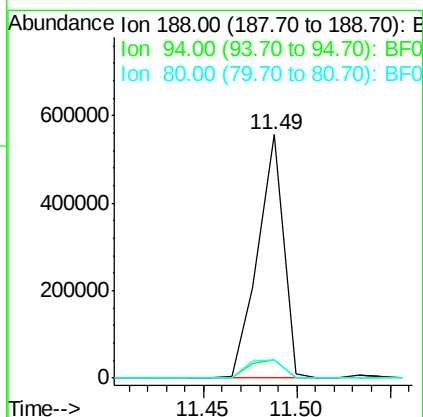
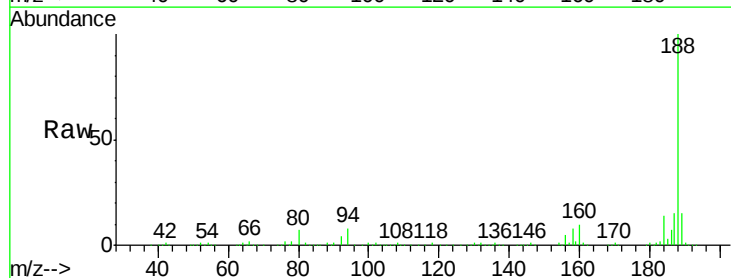
Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID5

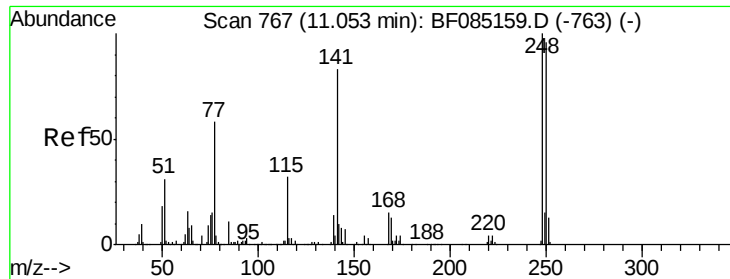
Tgt Ion:	165	Resp:	35348
Ion	Ratio	Lower	Upper
165	100		
63	1.6	35.4	53.0#
89	1.5	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF085268.D
 Acq: 8 Mar 2016 21:10

Tgt Ion:	188	Resp:	535147
Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.0	10.6
80	7.5	7.4	11.0





#66

4-Bromophenyl-phenylether

Concen: 5.32 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.26 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

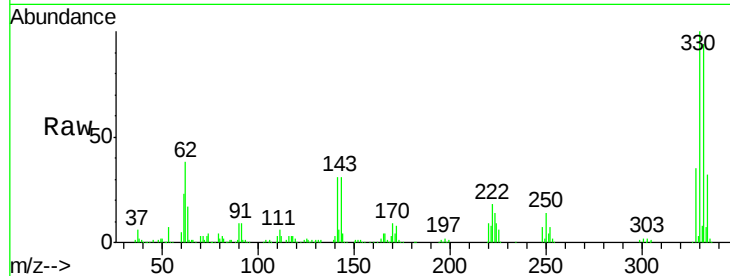
Tgt Ion:248 Resp: 27669

Ion Ratio Lower Upper

248 100

250 199.3 77.1 115.7#

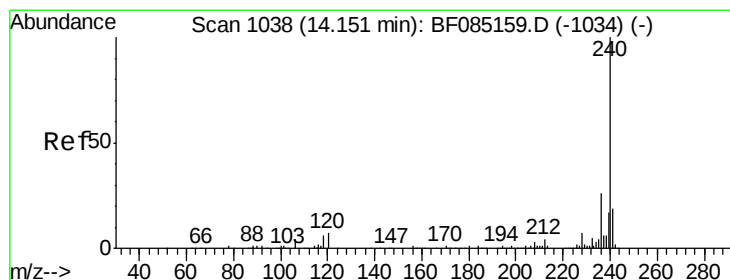
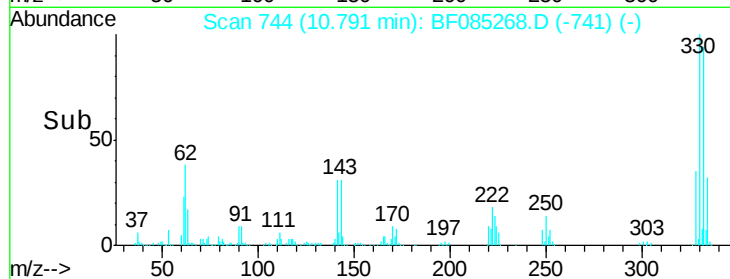
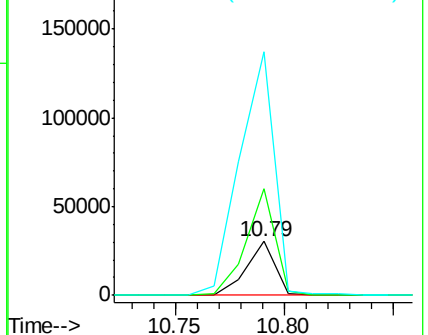
141 454.4 66.2 99.2#



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

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

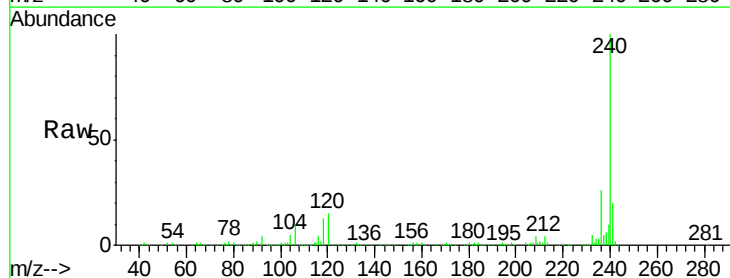
Tgt Ion:240 Resp: 381838

Ion Ratio Lower Upper

240 100

120 14.8 5.3 7.9#

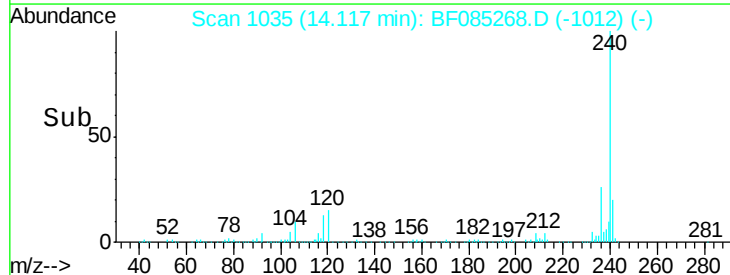
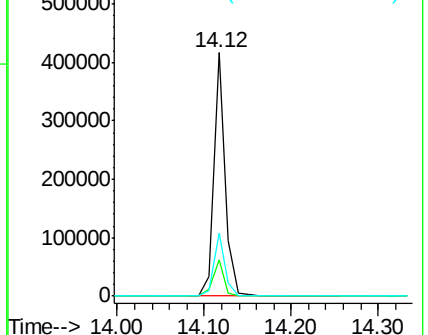
236 26.1 20.7 31.1

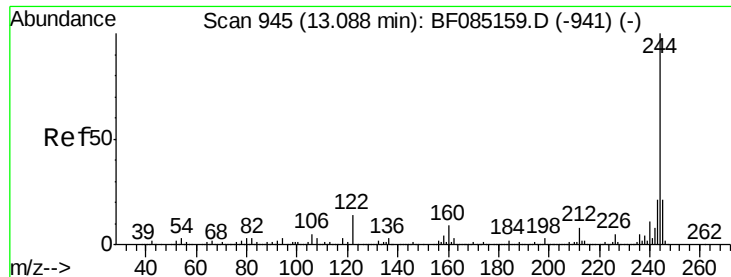


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.78 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

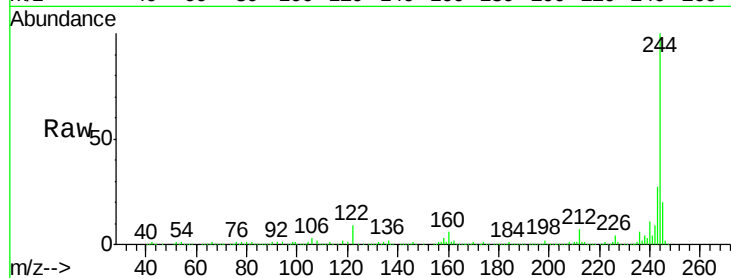
Tgt Ion:244 Resp: 1772863

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

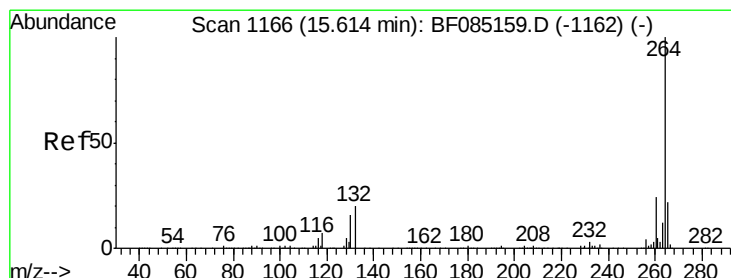
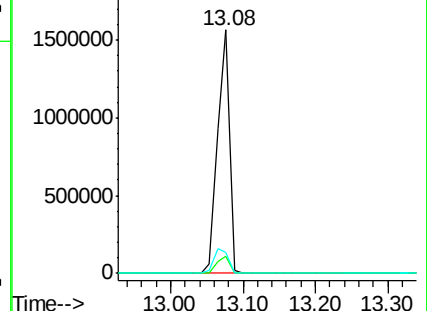
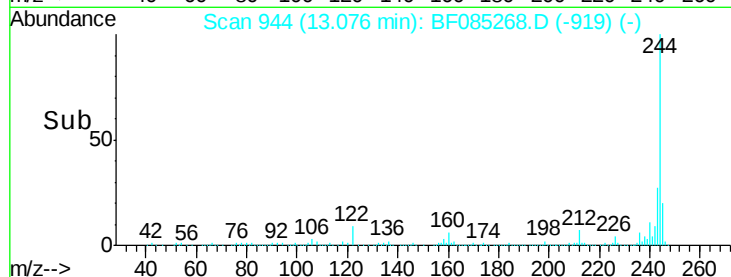
122 8.8 11.4 17.2#



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: BF085268.D

Acq: 8 Mar 2016 21:10

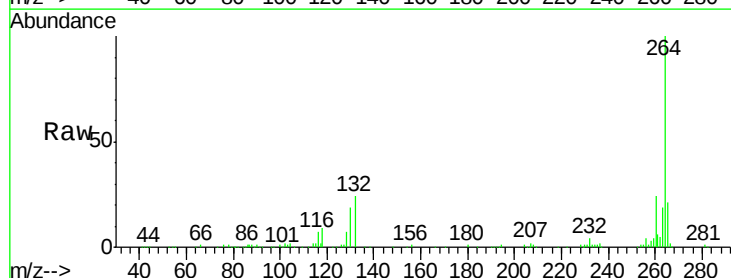
Tgt Ion:264 Resp: 212411

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.9 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

