

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085288.D
 Acq On : 9 Mar 2016 6:30
 Operator : UM/SJ
 Sample : H1712-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-COMP-0.5-2.0

Quant Time: Mar 09 06:56:11 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

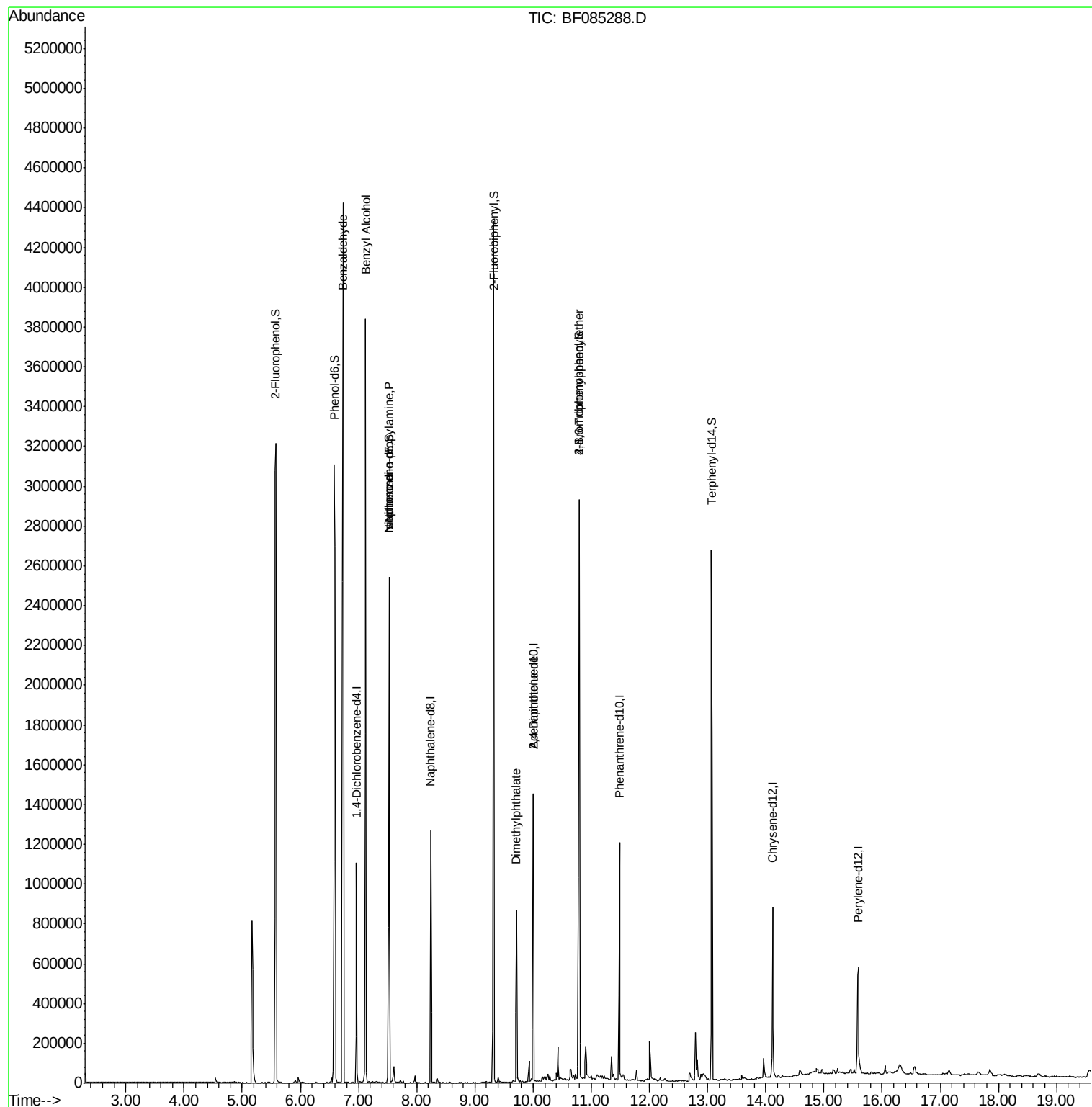
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	159733	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	581250	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	264409	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	453953	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	279843	20.00	ng	-0.03
86) Perylene-d12	15.59	264	289109	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1519683	159.59	ng	0.00
7) Phenol-d6	6.58	99	1881725	150.83	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1019914	93.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	340650	150.57	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1697957	97.66	ng	-0.02
78) Terphenyl-d14	13.07	244	1066839	88.50	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.73	77	33225	2.76	ng	Qvalue 86
15) Benzyl Alcohol	7.12	79	19237	2.10	ng	# 43
19) n-Nitroso-di-n-propylamine	7.52	70	134268	16.51	ng	# 79
25) Isophorone	7.52	82	819694	40.72	ng	# 67
49) Dimethylphthalate	9.72	163	393671	19.40	ng	99
56) 2,4-Dinitrotoluene	10.00	165	34010	6.12	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	25518	5.79	ng	# 1

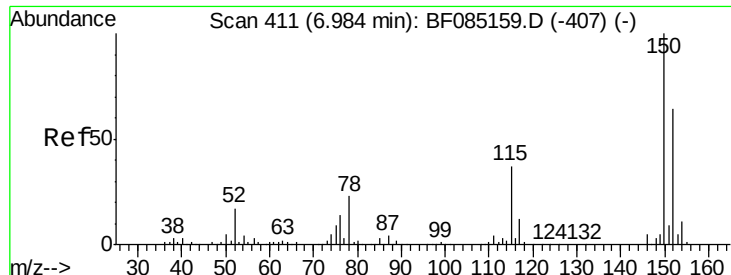
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085288.D

Acq: 9 Mar 2016 6:30

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP-0.5-2.0

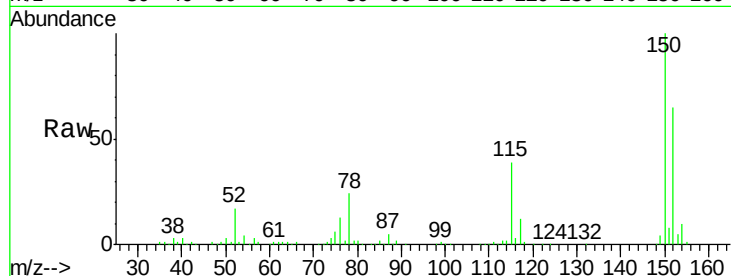
Tgt Ion:152 Resp: 159733

Ion Ratio Lower Upper

152 100

150 153.7 124.6 186.8

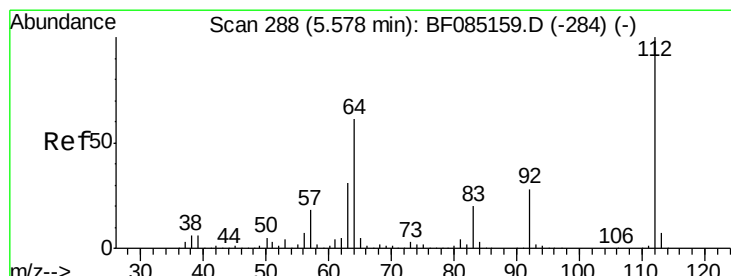
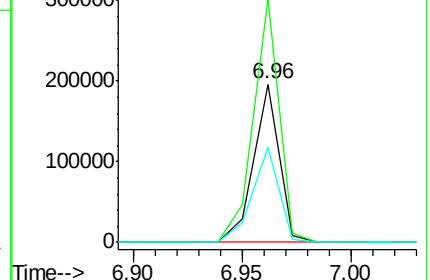
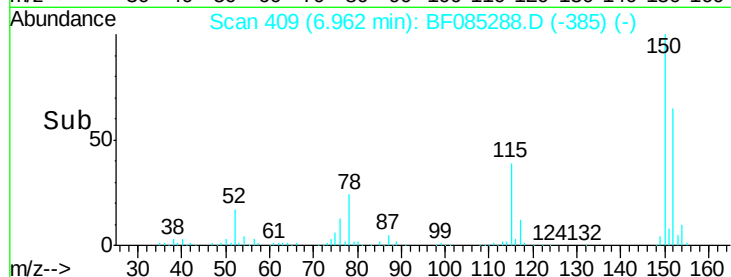
115 60.1 46.6 70.0



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: 159.59 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085288.D

Acq: 9 Mar 2016 6:30

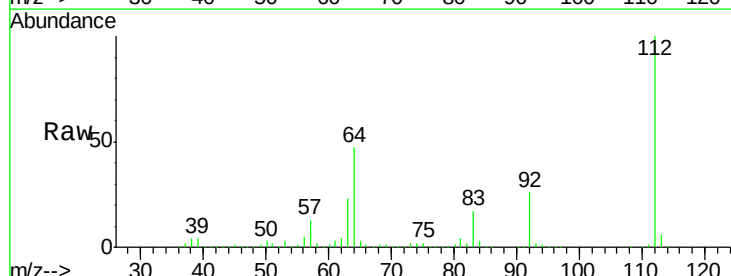
Tgt Ion:112 Resp: 1519683

Ion Ratio Lower Upper

112 100

64 46.6 49.0 73.4#

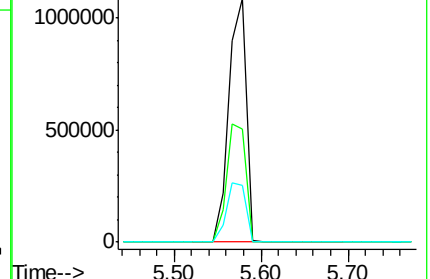
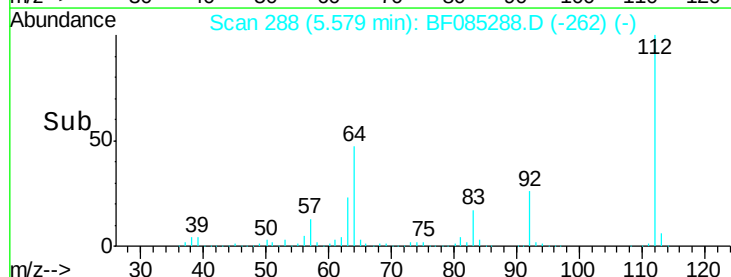
63 23.3 24.8 37.2#

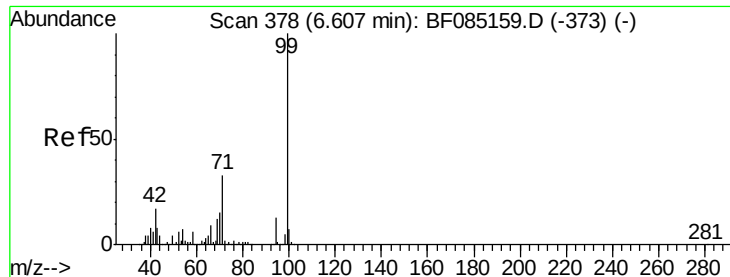


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 150.83 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085288.D

Acq: 9 Mar 2016 6:30

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP-0.5-2.0

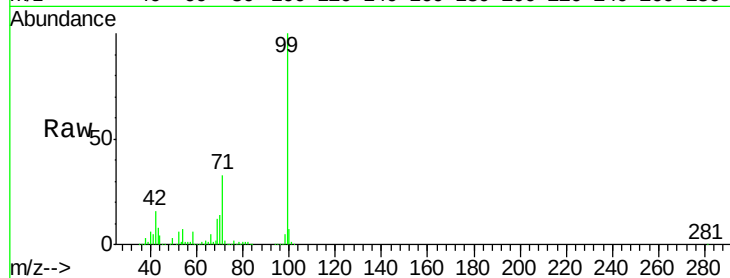
Tgt Ion: 99 Resp: 1881725

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

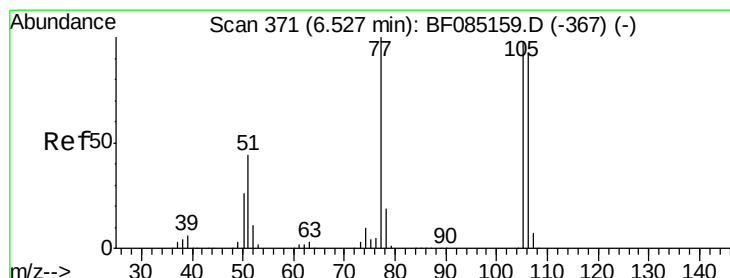
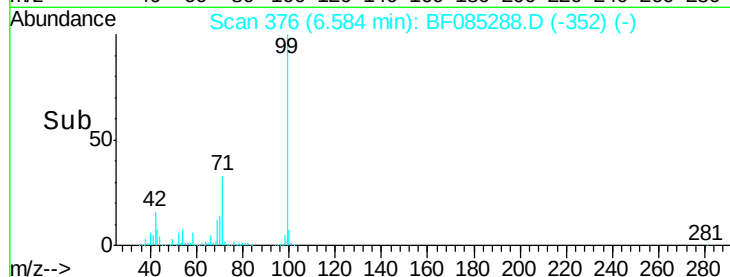
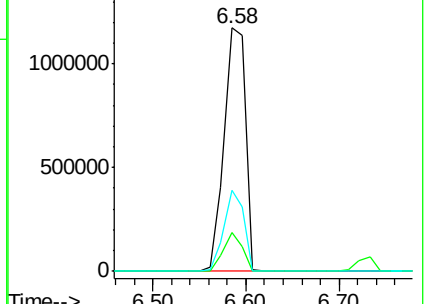
71 33.1 26.7 40.1



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: 2.76 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF085288.D

Acq: 9 Mar 2016 6:30

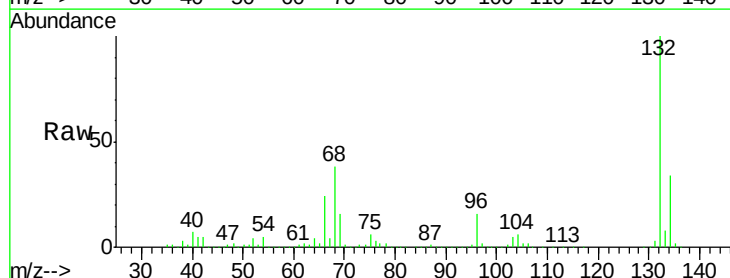
Tgt Ion: 77 Resp: 33225

Ion Ratio Lower Upper

77 100

105 86.0 78.2 118.2

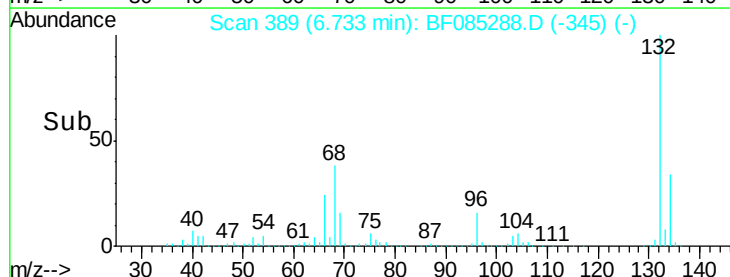
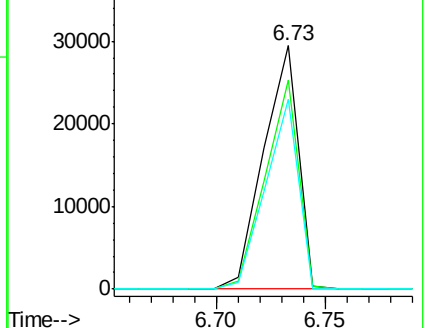
106 78.1 72.9 112.9

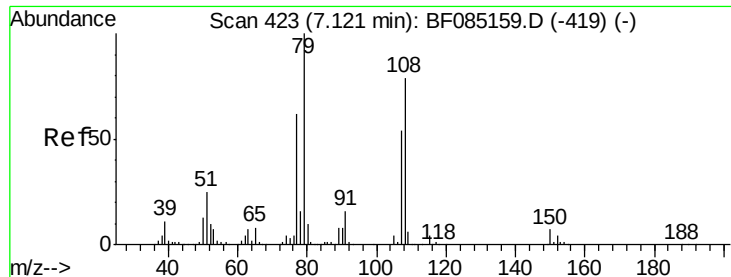


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085288.D

Acq: 9 Mar 2016 6:30

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP-0.5-2.0

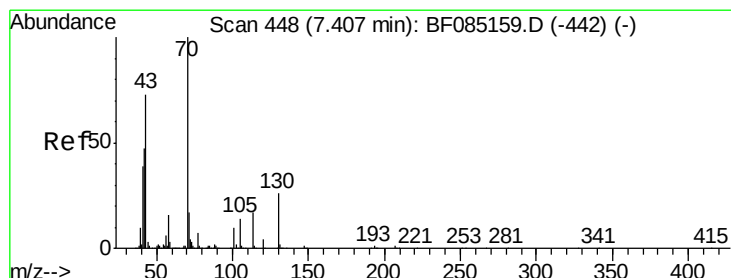
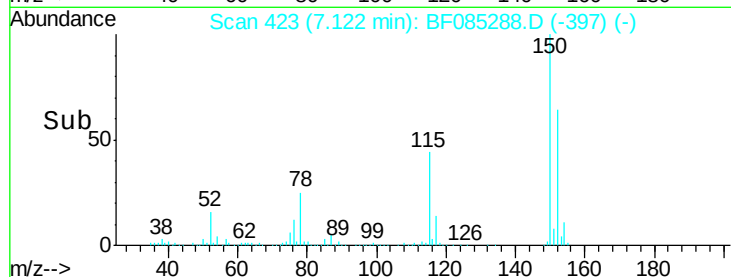
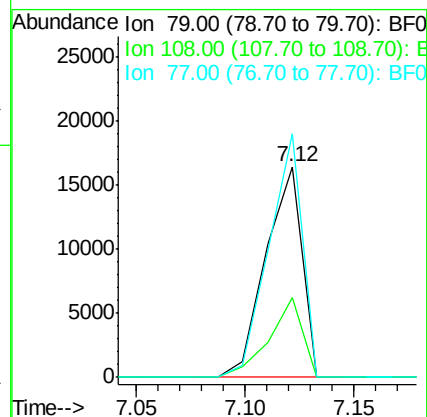
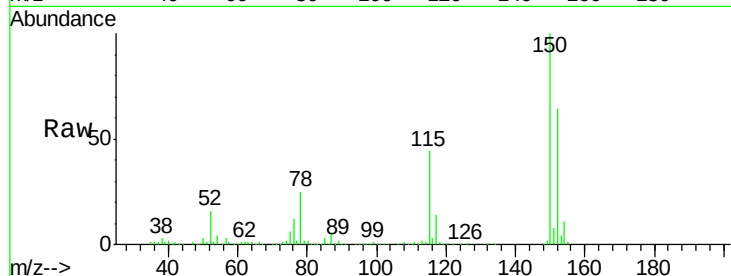
Tgt Ion: 79 Resp: 19237

Ion Ratio Lower Upper

79 100

108 37.8 62.9 94.3#

77 115.4 49.5 74.3#



#19

n-Nitroso-di-n-propylamine

Concen: 16.51 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085288.D

Acq: 9 Mar 2016 6:30

Tgt Ion: 70 Resp: 134268

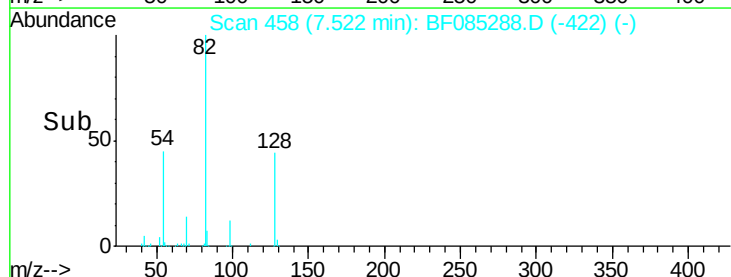
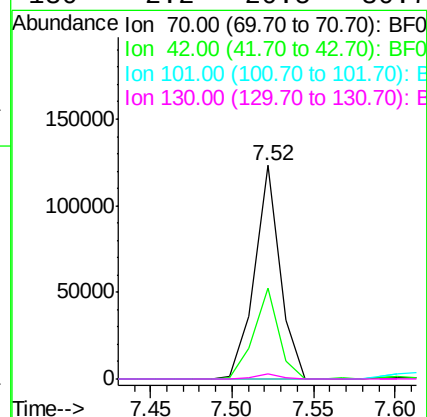
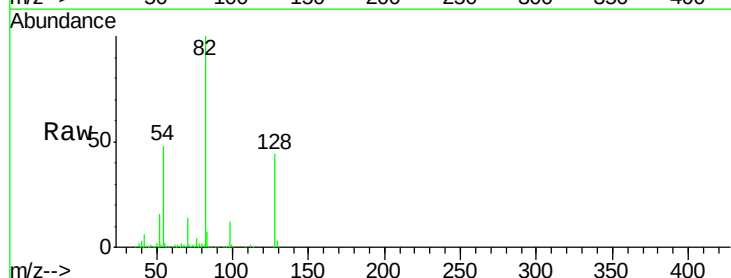
Ion Ratio Lower Upper

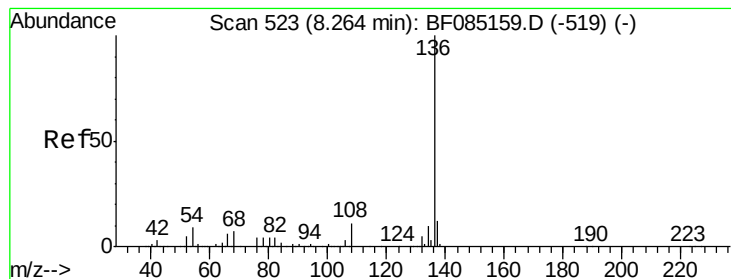
70 100

42 42.7 37.7 56.5

101 0.0 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: BF085288.D

Acq: 9 Mar 2016 6:30

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP-0.5-2.0

Tgt Ion: 136 Resp: 581250

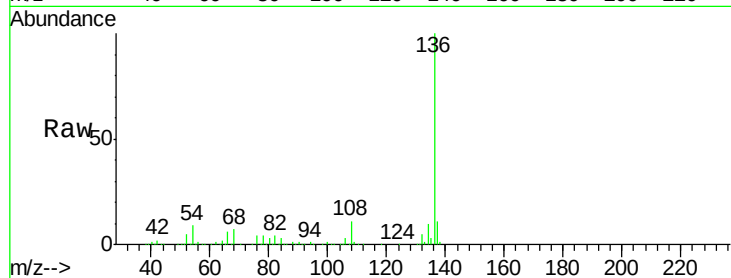
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.7 7.4 11.2

68 7.3 6.0 9.0

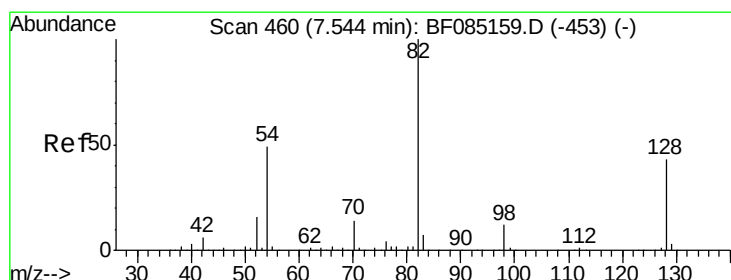
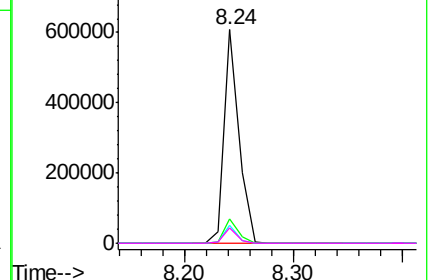
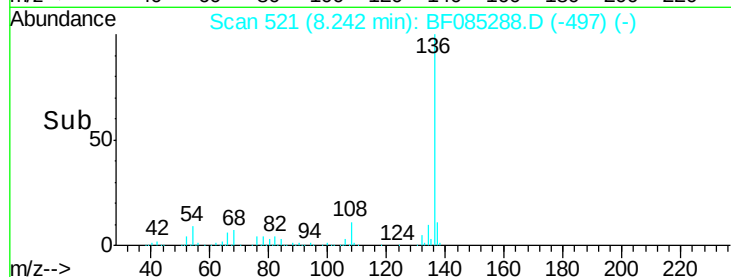


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.90 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085288.D

Acq: 9 Mar 2016 6:30

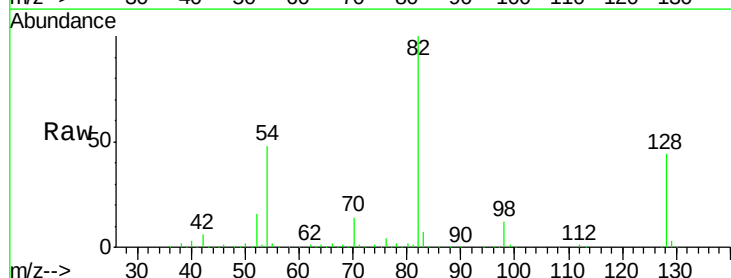
Tgt Ion: 82 Resp: 1019914

Ion Ratio Lower Upper

82 100

128 44.2 34.5 51.7

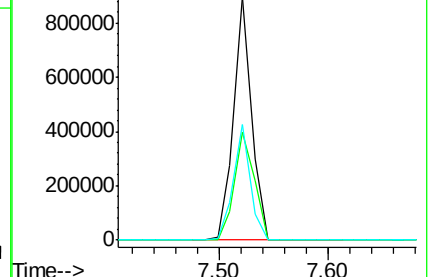
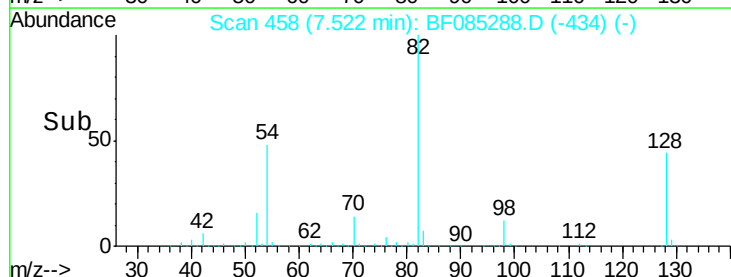
54 47.7 39.3 58.9

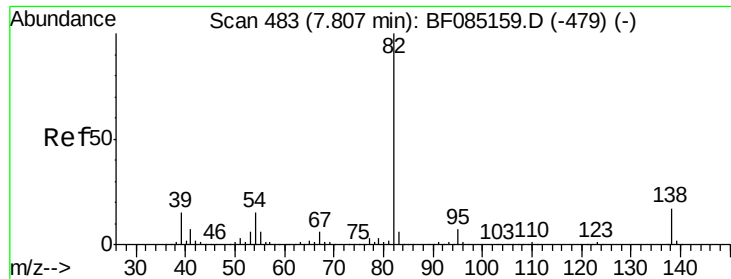


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.72 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF085288.D

Acq: 9 Mar 2016 6:30

Instrument :

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ClientSampleId :

SB-44-COMP-0.5-2.0

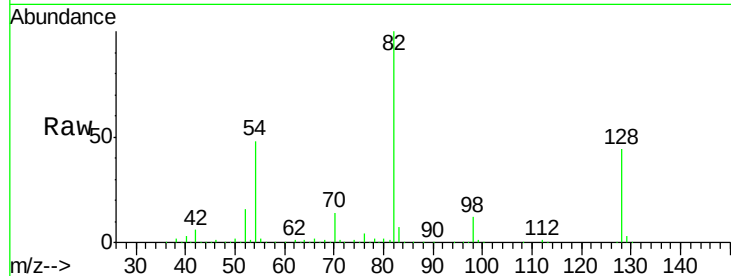
Tgt Ion: 82 Resp: 819694

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

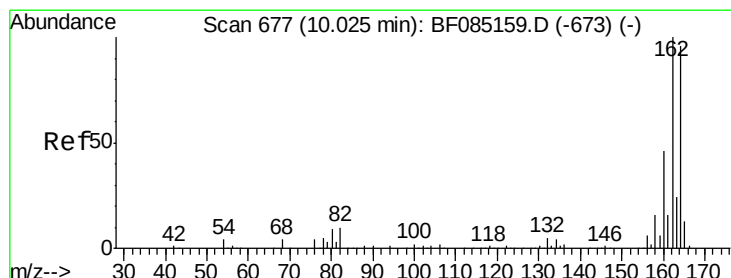
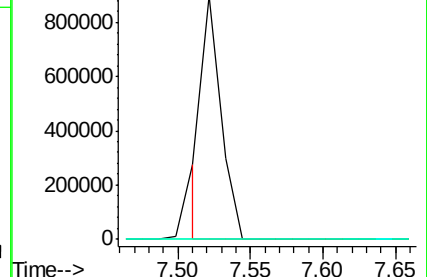
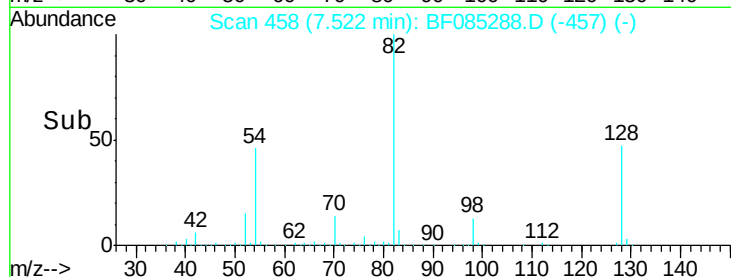
138 0.0 13.3 19.9#



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) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085288.D

Acq: 9 Mar 2016 6:30

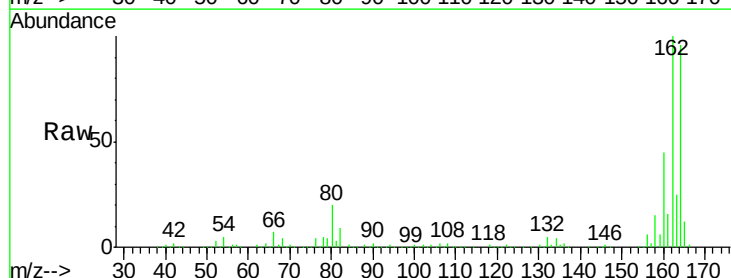
Tgt Ion: 164 Resp: 264409

Ion Ratio Lower Upper

164 100

162 104.1 83.3 124.9

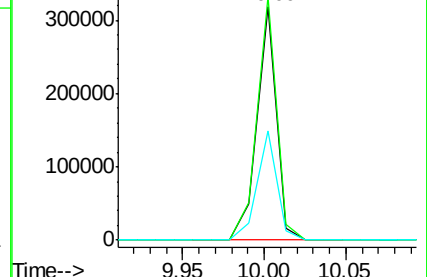
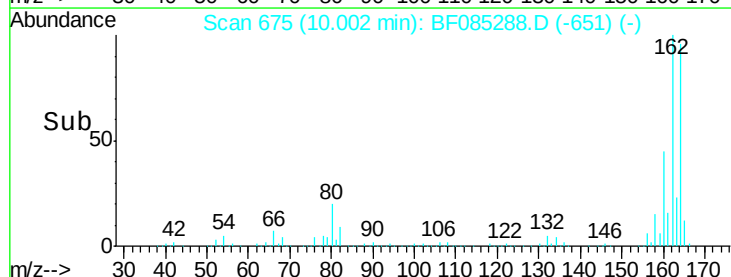
160 46.7 37.9 56.9

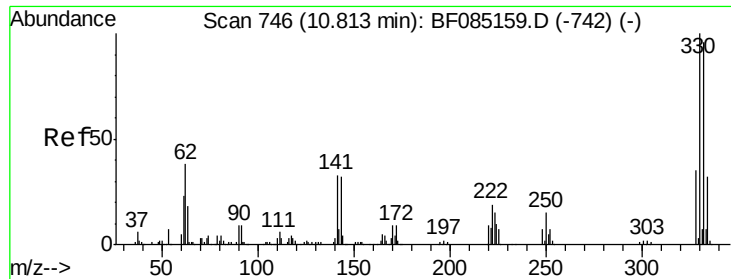


Abundance Ion 164.00 (163.70 to 164.70): BF085159.D (-673) (-)

Ion 162.00 (161.70 to 162.70): BF085159.D (-673) (-)

Ion 160.00 (159.70 to 160.70): BF085159.D (-673) (-)

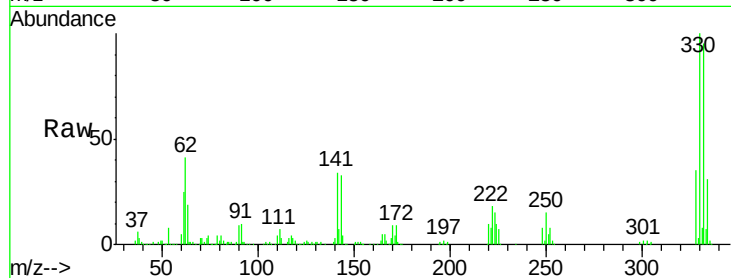




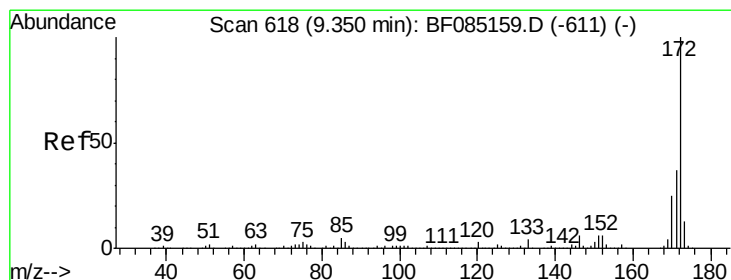
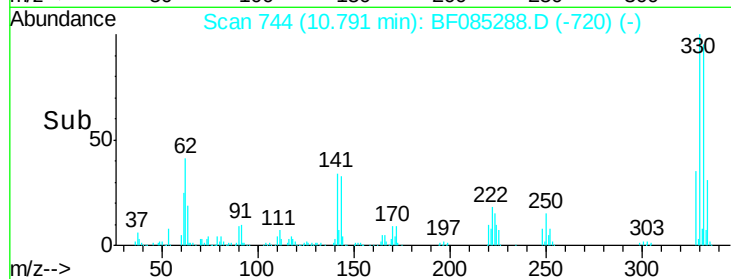
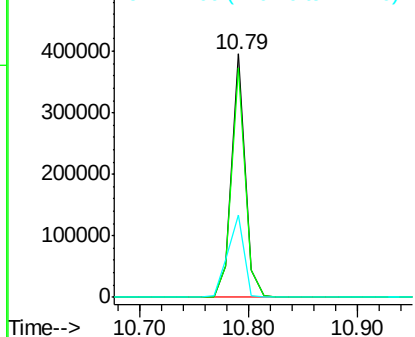
#41
 2,4,6-Tribromophenol
 Concen: 150.57 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085288.D
 Acq: 9 Mar 2016 6:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-COMP-0.5-2.0

Tgt Ion:330 Resp: 340650
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.1 115.7
 141 40.8 35.0 52.6

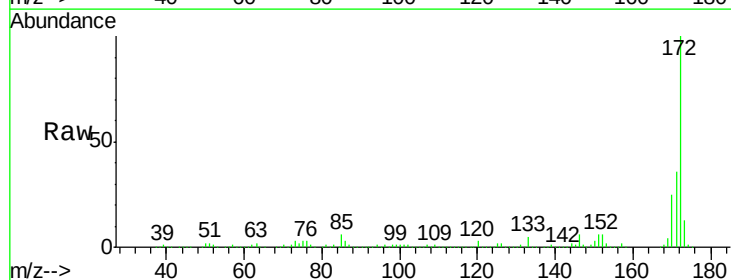


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

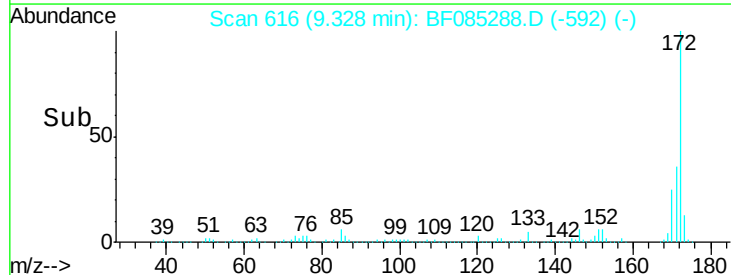
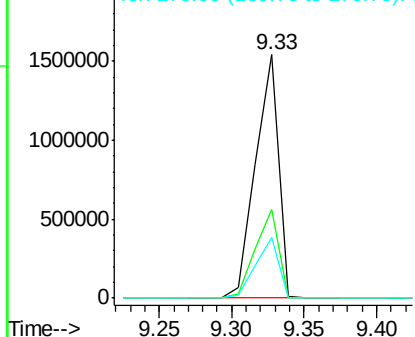


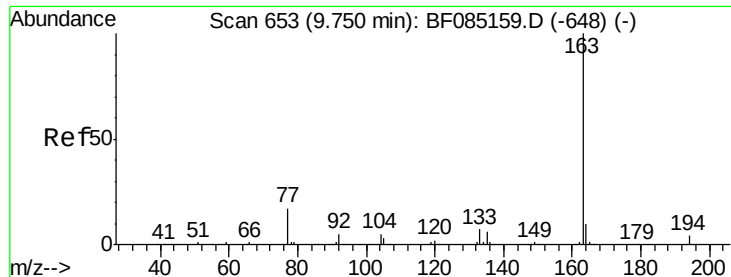
#44
 2-Fluorobiphenyl
 Concen: 97.66 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085288.D
 Acq: 9 Mar 2016 6:30

Tgt Ion:172 Resp: 1697957
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 24.9 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: 19.40 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085288.D

Acq: 9 Mar 2016 6:30

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP-0.5-2.0

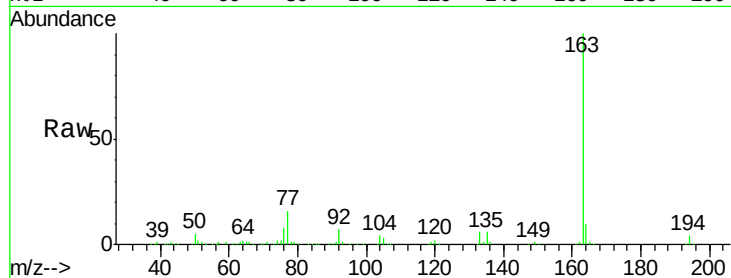
Tgt Ion:163 Resp: 393671

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

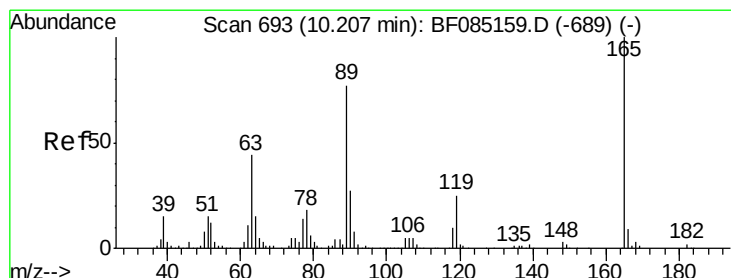
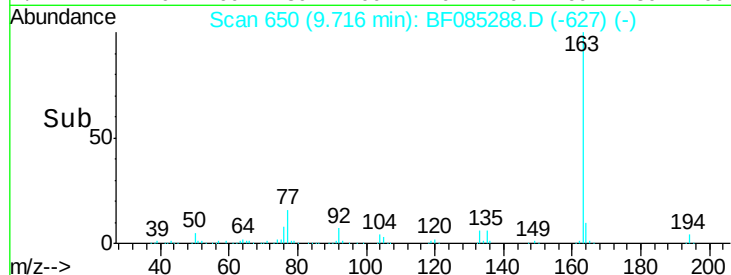
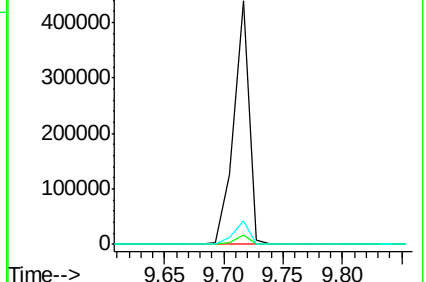
164 9.7 8.2 12.4



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: 6.12 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF085288.D

Acq: 9 Mar 2016 6:30

Tgt Ion:165 Resp: 34010

Ion Ratio Lower Upper

165 100

63 1.1 35.4 53.0#

89 1.5 61.9 92.9#

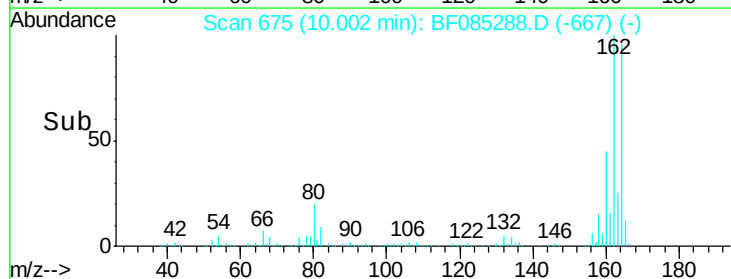
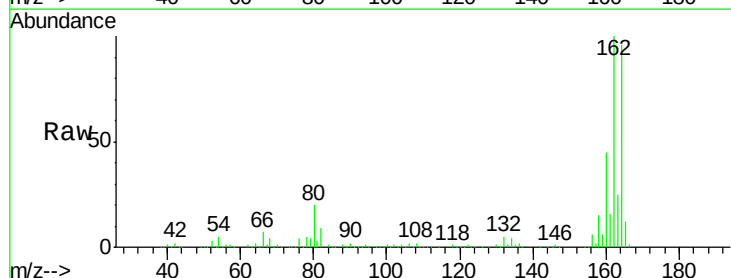
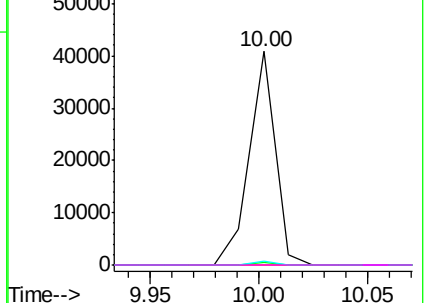
182 0.0 1.9 2.9#

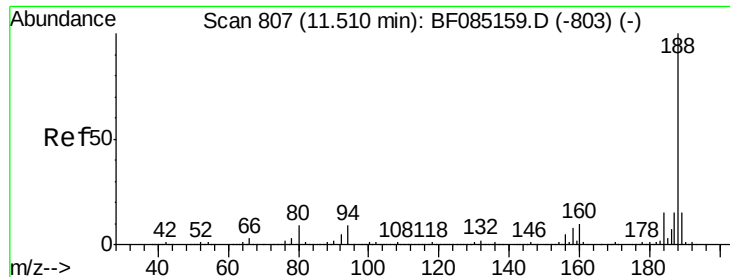
Abundance Ion 165.00 (164.70 to 165.70): E

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

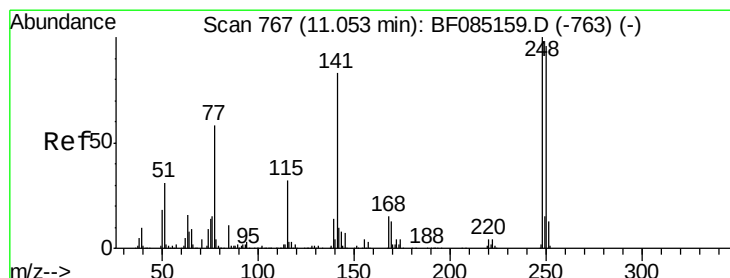
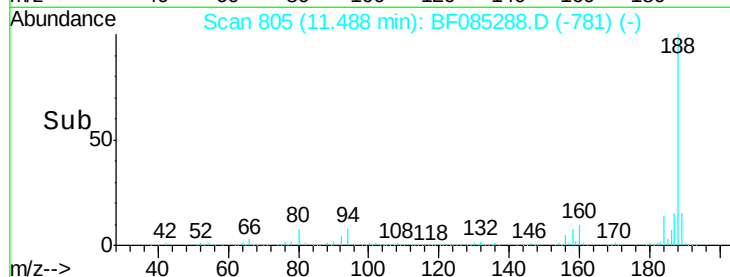
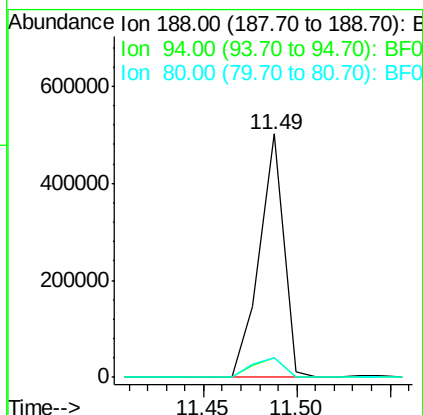
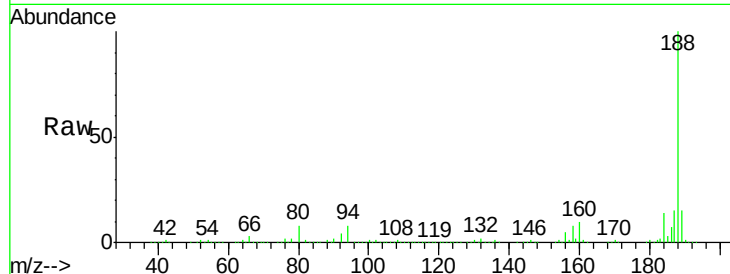




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085288.D
Acq: 9 Mar 2016 6:30

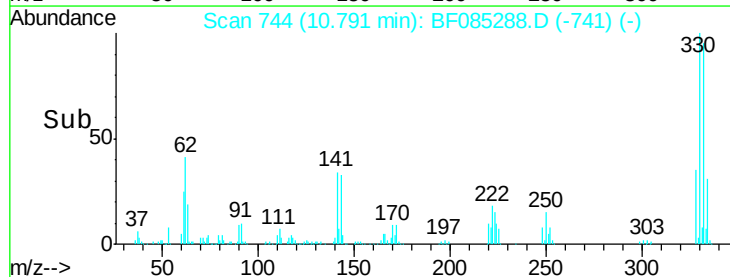
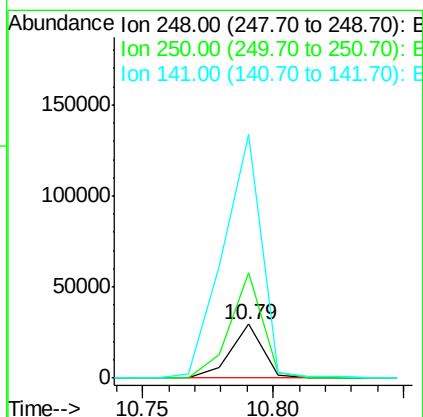
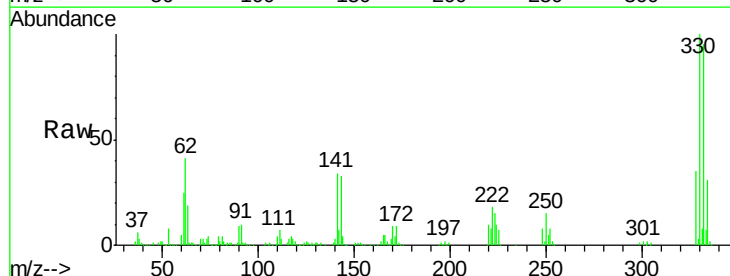
Instrument :
BNA_F
ClientSampleId :
SB-44-COMP-0.5-2.0

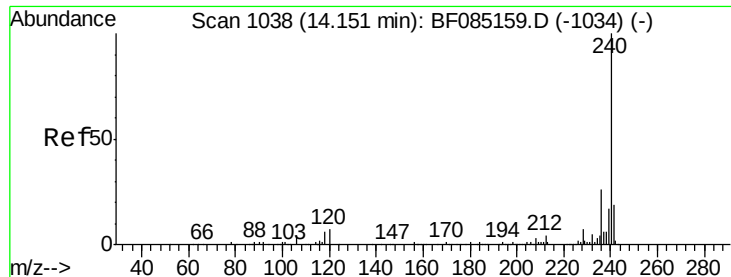
Tgt Ion:188 Resp: 453953
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.1 7.4 11.0



#66
4-Bromophenyl-phenylether
Concen: 5.79 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085288.D
Acq: 9 Mar 2016 6:30

Tgt Ion:248 Resp: 25518
Ion Ratio Lower Upper
248 100
250 195.3 77.1 115.7#
141 449.9 66.2 99.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085288.D

Acq: 9 Mar 2016 6:30

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP-0.5-2.0

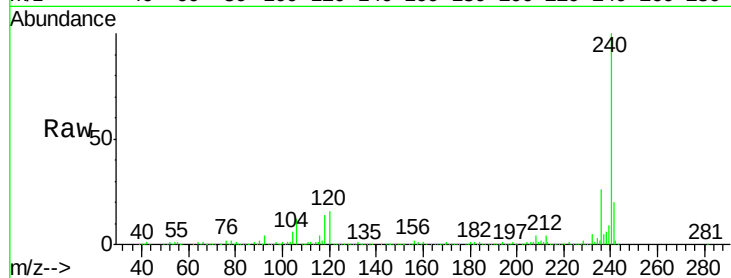
Tgt Ion:240 Resp: 279843

Ion Ratio Lower Upper

240 100

120 15.6 5.3 7.9#

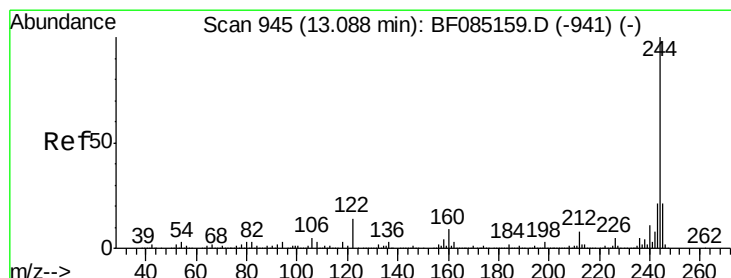
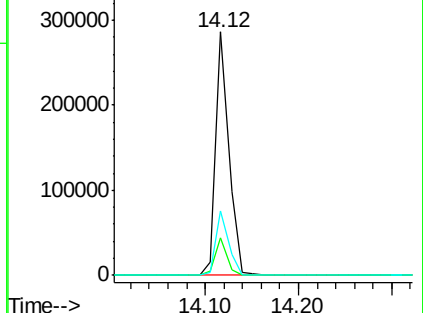
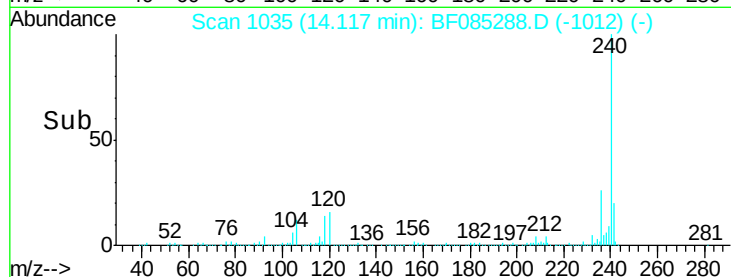
236 26.3 20.7 31.1



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: 88.50 ng

RT: 13.07 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085288.D

Acq: 9 Mar 2016 6:30

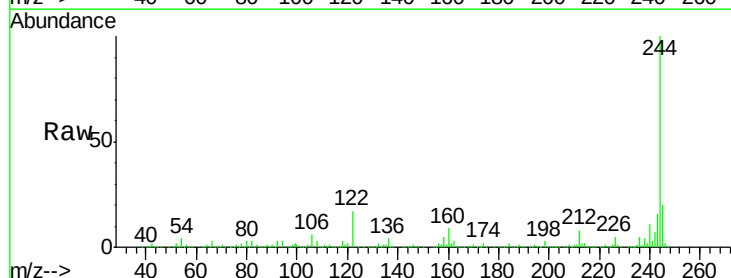
Tgt Ion:244 Resp: 1066839

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

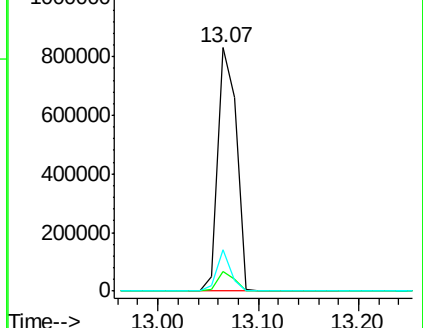
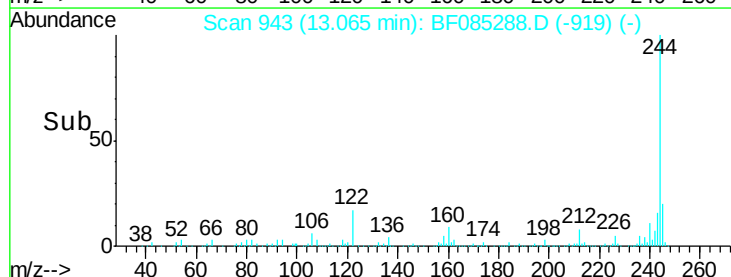
122 16.7 11.4 17.2

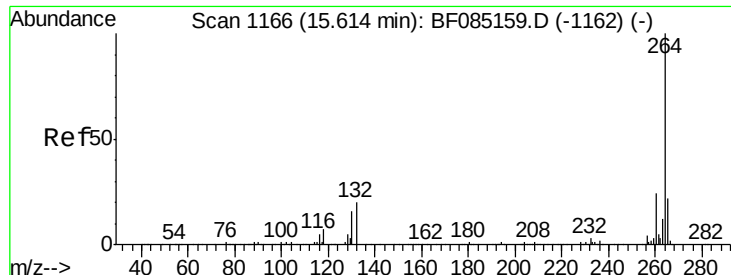


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.59 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF085288.D
Acq: 9 Mar 2016 6:30

Instrument :
BNA_F
ClientSampleId :
SB-44-COMP-0.5-2.0

Tgt Ion: 264 Resp: 289109
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.4 17.3 25.9

