

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089242.D
 Acq On : 23 Jul 2016 17:40
 Operator : UM/SJ
 Sample : H4154-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GCF-EB-1

Quant Time: Jul 25 01:10:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

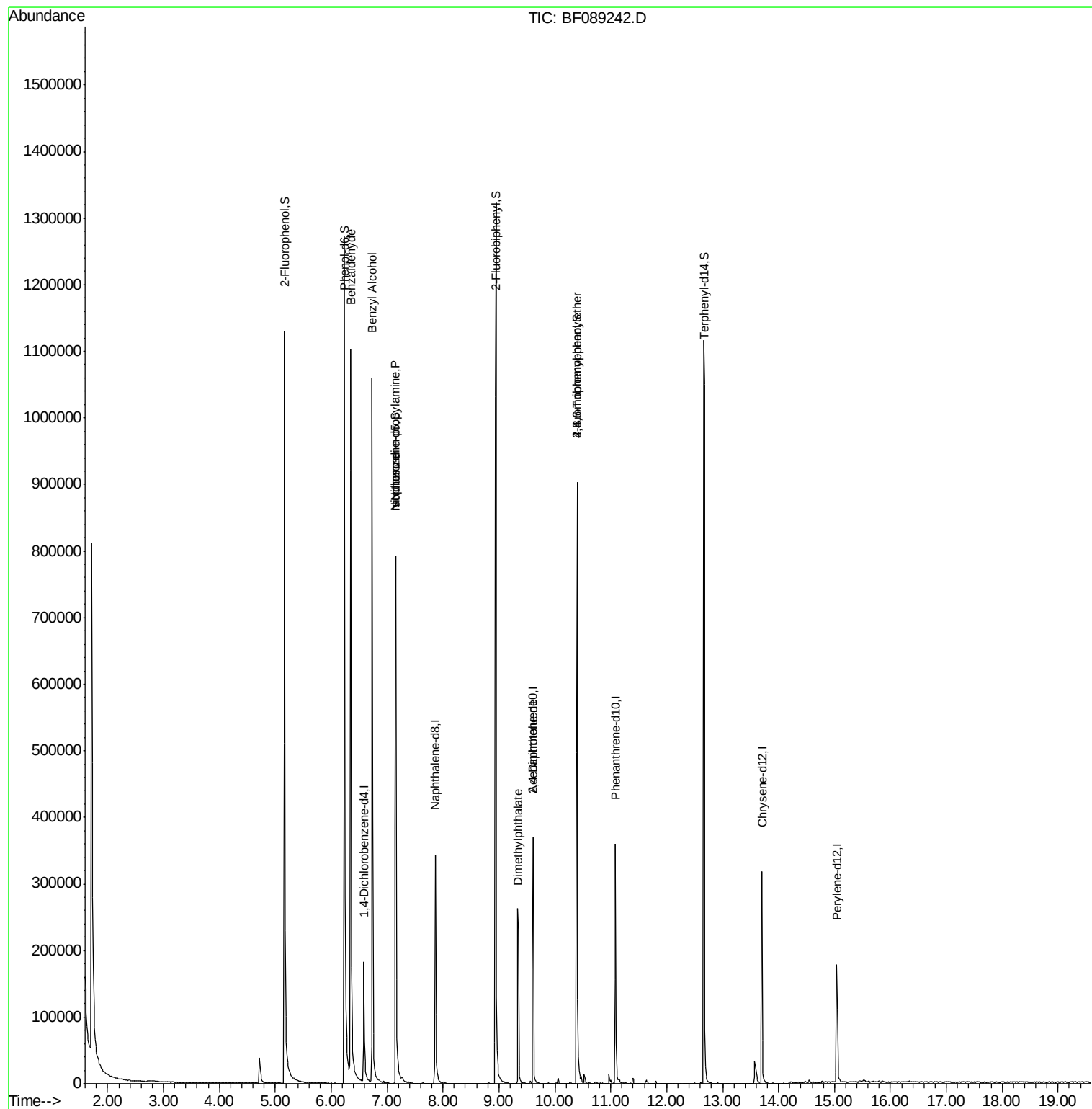
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	43459	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	197612	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	92172	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	179605	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	125950	20.00	ng	-0.02
86) Perylene-d12	15.04	264	89768	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	455427	159.38	ng	-0.02
7) Phenol-d6	6.24	99	603778	163.85	ng	-0.03
23) Nitrobenzene-d5	7.15	82	386780	104.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	125001	150.63	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	646342	96.62	ng	-0.02
78) Terphenyl-d14	12.67	244	540484	93.08	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	10706	4.22	ng	85
15) Benzyl Alcohol	6.73	79	5608	2.08	ng	# 54
19) n-Nitroso-di-n-propylamine	7.15	70	51189	21.24	ng	# 78
25) Isophorone	7.15	82	290018	42.31	ng	# 66
49) Dimethylphthalate	9.35	163	177050	25.03	ng	100
56) 2,4-Dinitrotoluene	9.61	165	11481	5.58	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	9358	5.27	ng	# 1

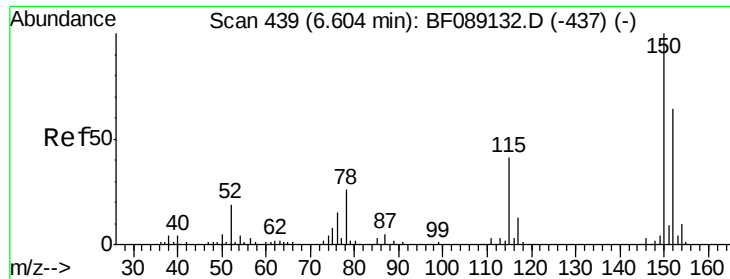
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF089242.D

Acq: 23 Jul 2016 17:40

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

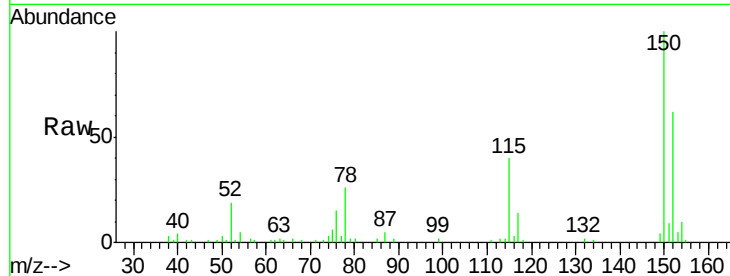
Tgt Ion:152 Resp: 43459

Ion Ratio Lower Upper

152 100

150 160.5 125.1 187.7

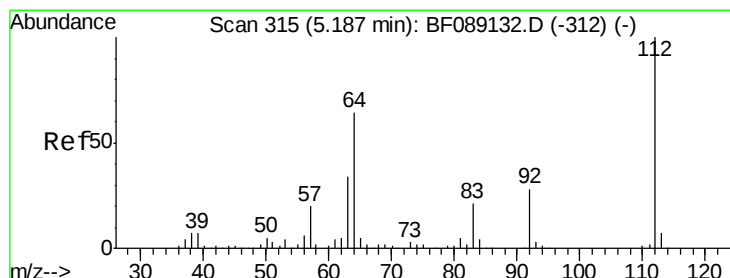
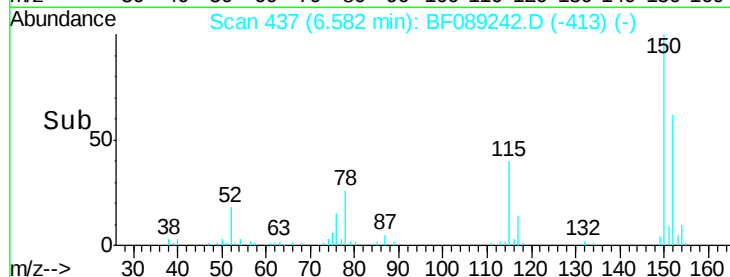
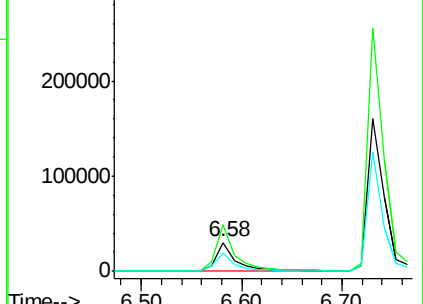
115 64.9 51.1 76.7



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: 159.38 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF089242.D

Acq: 23 Jul 2016 17:40

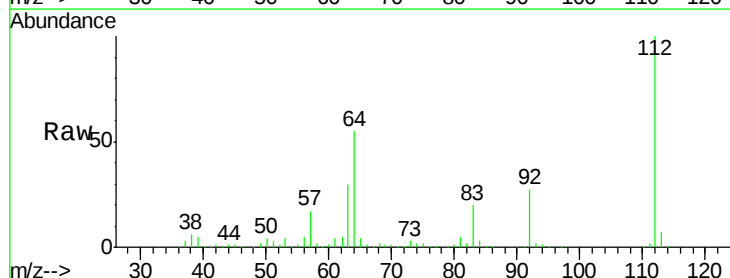
Tgt Ion:112 Resp: 455427

Ion Ratio Lower Upper

112 100

64 54.9 51.0 76.4

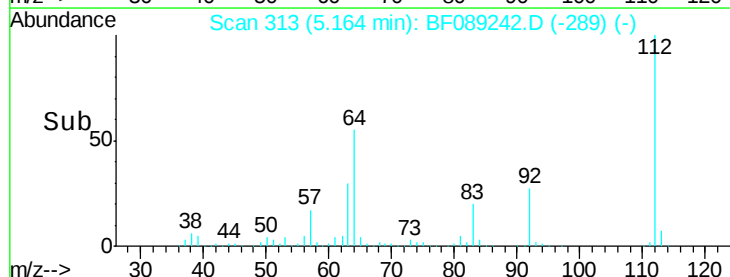
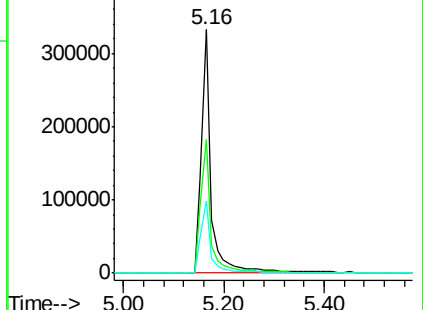
63 29.7 27.3 40.9

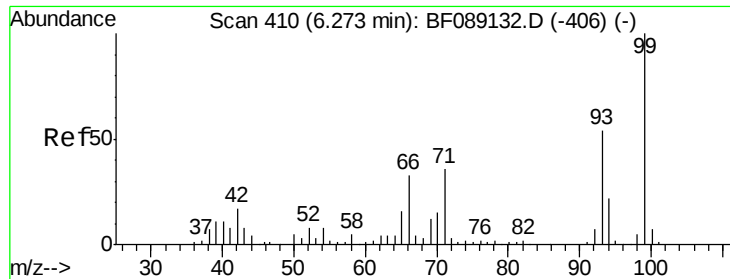


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 163.85 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089242.D

Acq: 23 Jul 2016 17:40

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

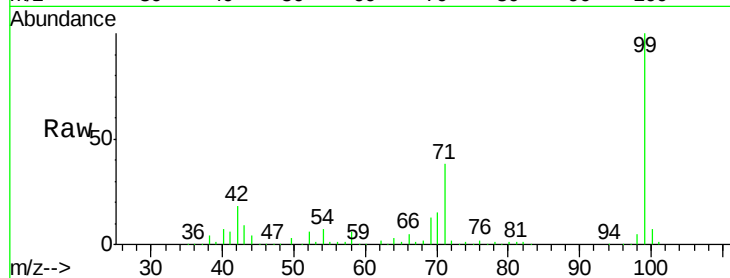
Tgt Ion: 99 Resp: 603778

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

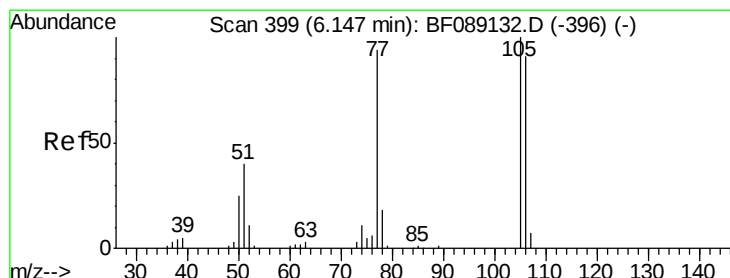
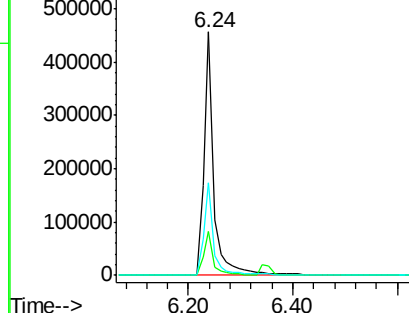
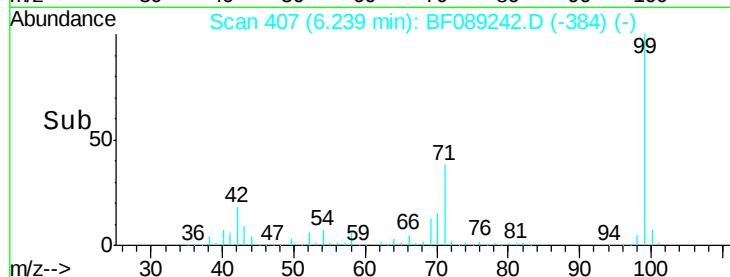
71 38.0 28.9 43.3



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: 4.22 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF089242.D

Acq: 23 Jul 2016 17:40

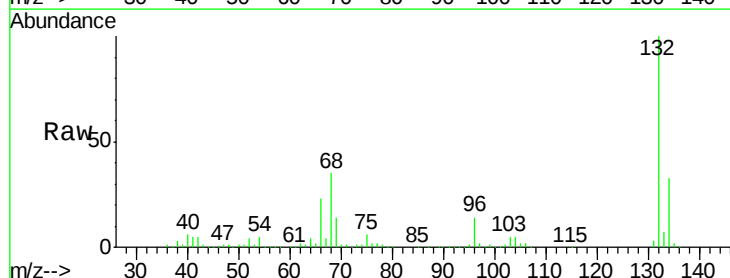
Tgt Ion: 77 Resp: 10706

Ion Ratio Lower Upper

77 100

105 90.2 86.2 126.2

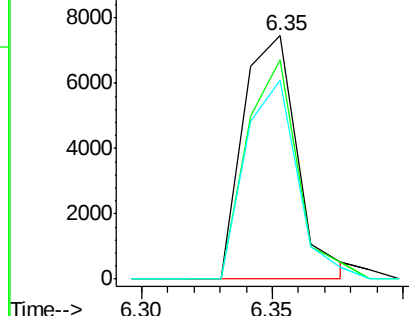
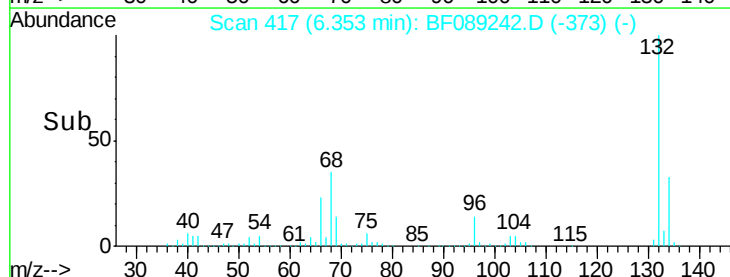
106 81.4 76.3 116.3

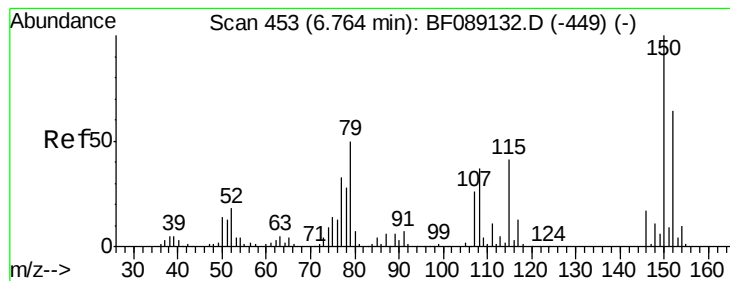


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF089242.D

Acq: 23 Jul 2016 17:40

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

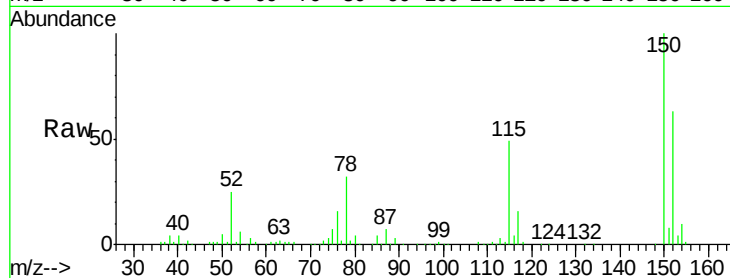
Tgt Ion: 79 Resp: 5608

Ion Ratio Lower Upper

79 100

108 28.7 58.2 87.4#

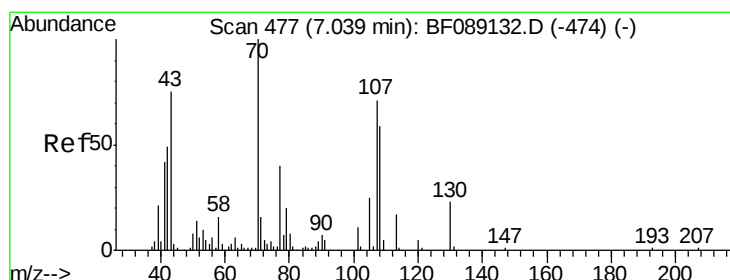
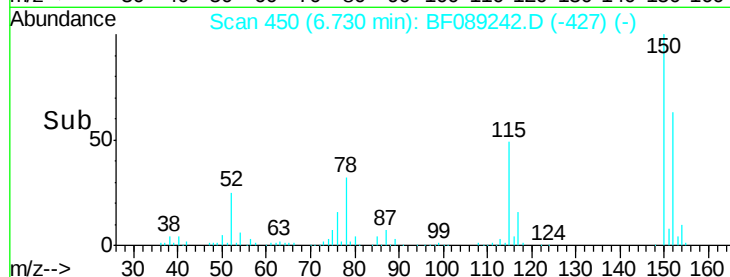
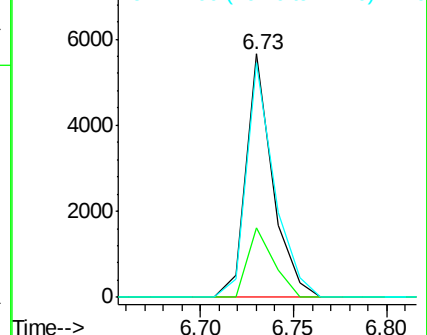
77 96.6 52.2 78.4#



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: 21.24 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089242.D

Acq: 23 Jul 2016 17:40

Tgt Ion: 70 Resp: 51189

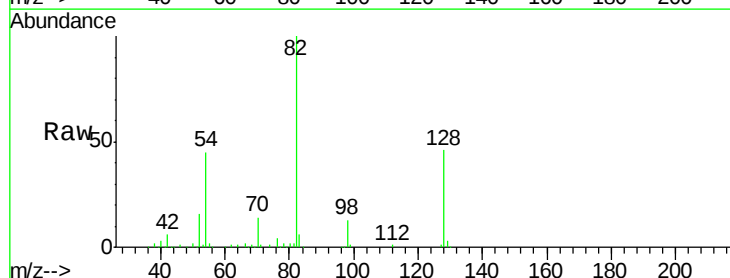
Ion Ratio Lower Upper

70 100

42 41.8 39.2 58.8

101 0.0 8.5 12.7#

130 2.4 18.4 27.6#

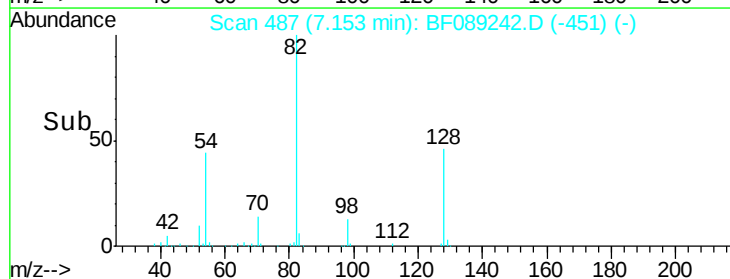
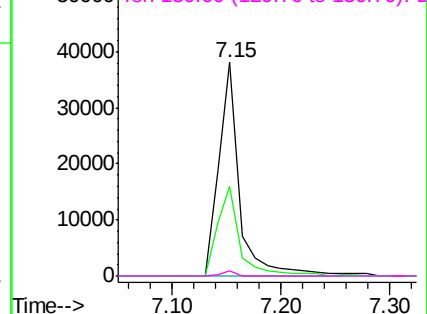


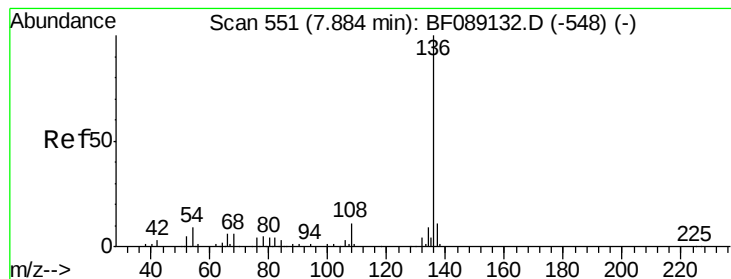
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089242.D

Acq: 23 Jul 2016 17:40

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

Tgt Ion:136 Resp: 197612

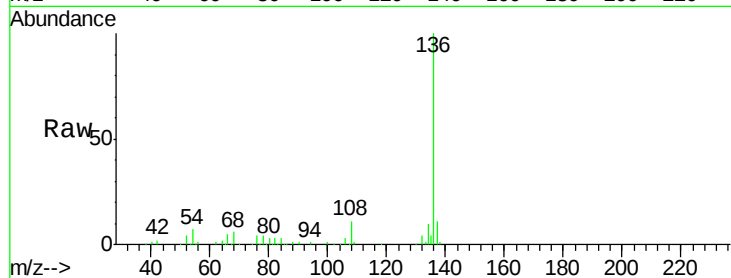
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.5 7.0 10.4

68 6.0 5.0 7.6

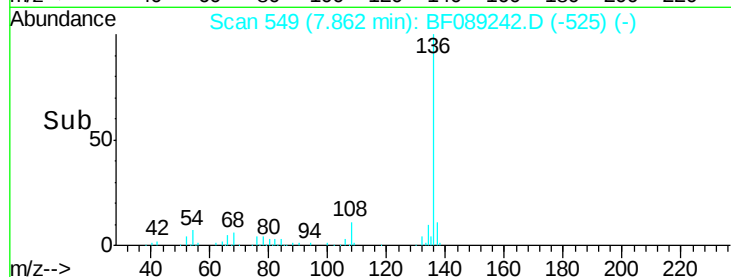


Abundance Ion 136.00 (135.70 to 136.70): E

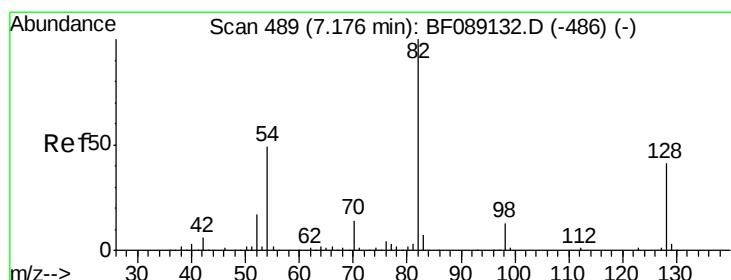
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 104.00 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089242.D

Acq: 23 Jul 2016 17:40

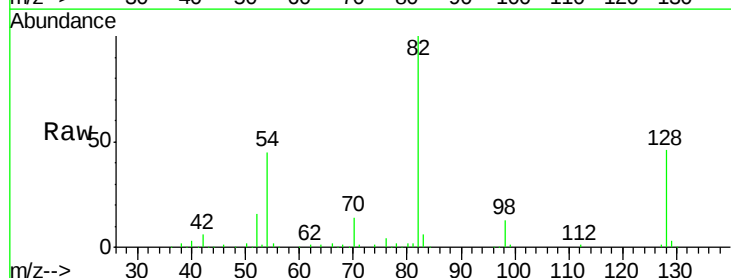
Tgt Ion: 82 Resp: 386780

Ion Ratio Lower Upper

82 100

128 45.5 33.0 49.6

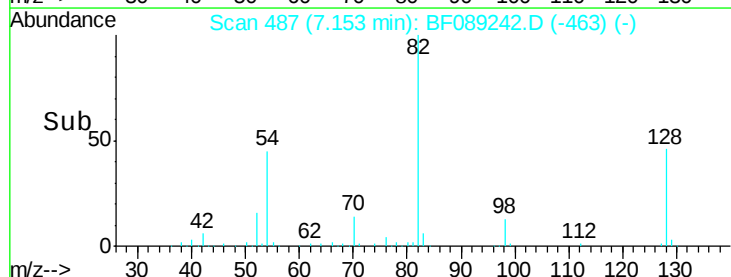
54 45.0 39.0 58.4



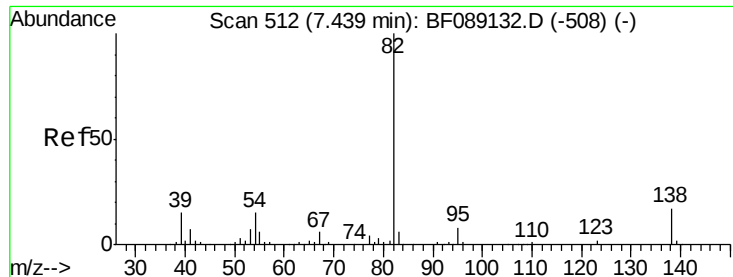
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 42.31 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.29 min

Lab File: BF089242.D

Acq: 23 Jul 2016 17:40

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

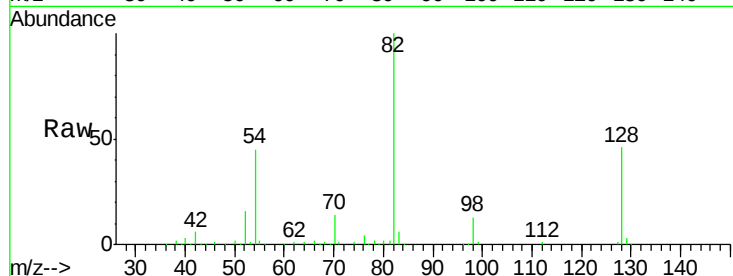
Tgt Ion: 82 Resp: 290018

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

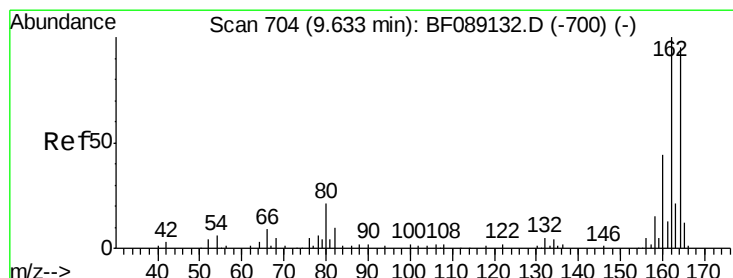
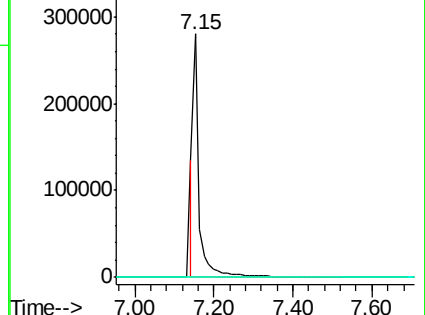
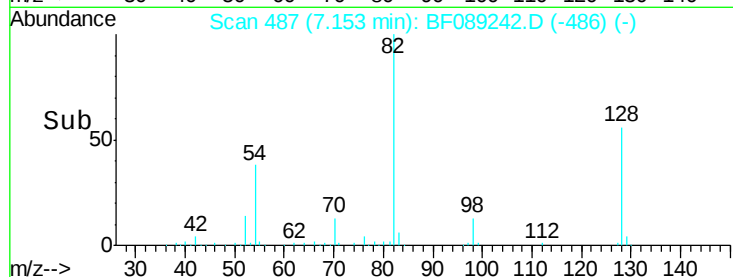
138 0.0 13.6 20.4#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089242.D

Acq: 23 Jul 2016 17:40

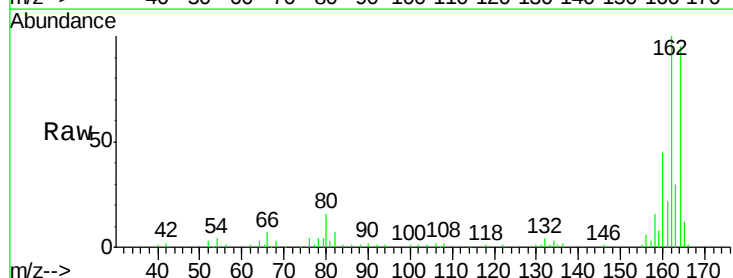
Tgt Ion: 164 Resp: 92172

Ion Ratio Lower Upper

164 100

162 105.1 84.1 126.1

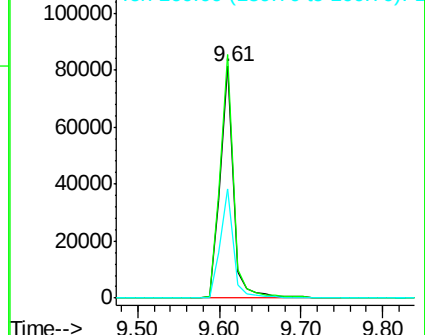
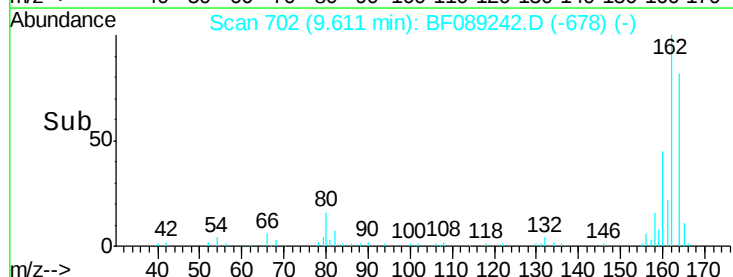
160 47.1 37.1 55.7

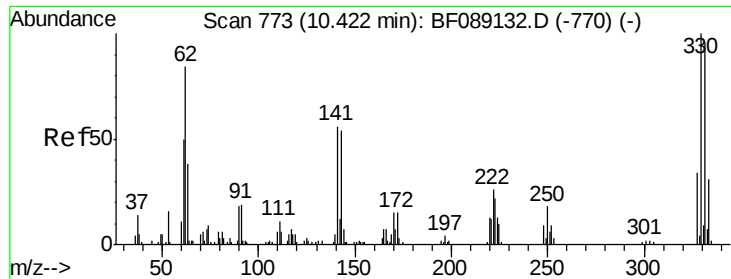


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

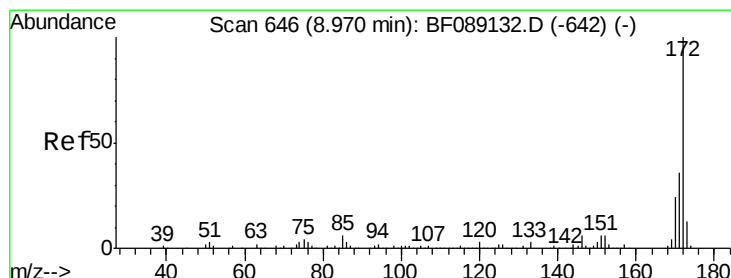
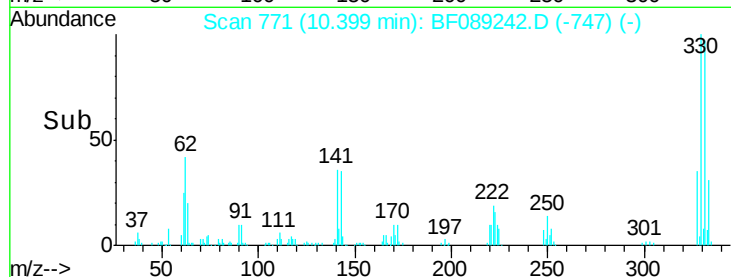
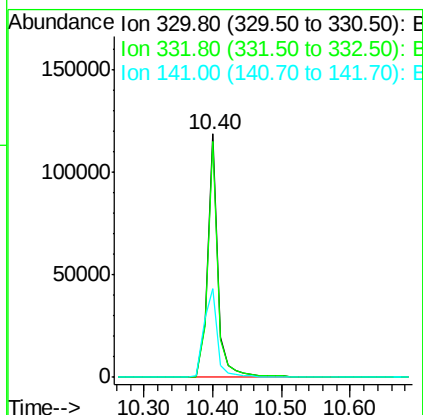
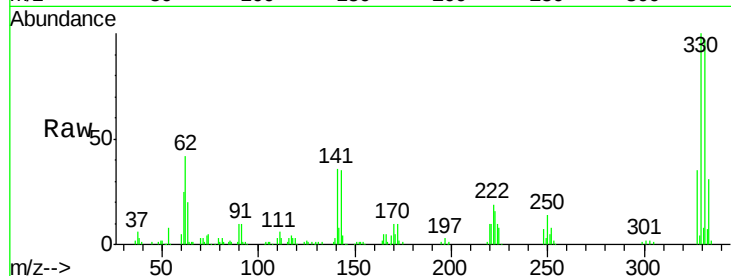




#41
 2,4,6-Tribromophenol
 Concen: 150.63 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089242.D
 Acq: 23 Jul 2016 17:40

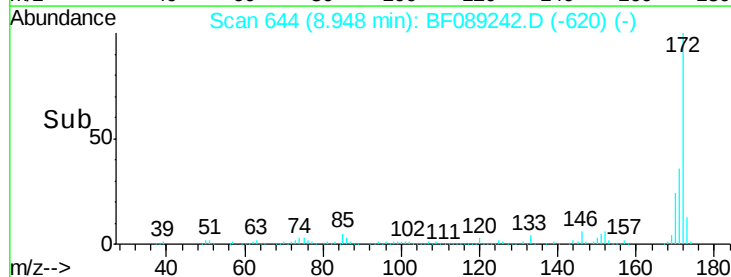
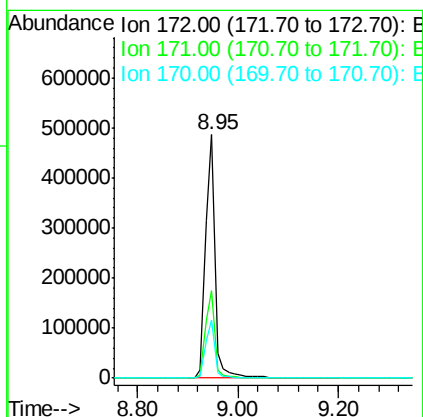
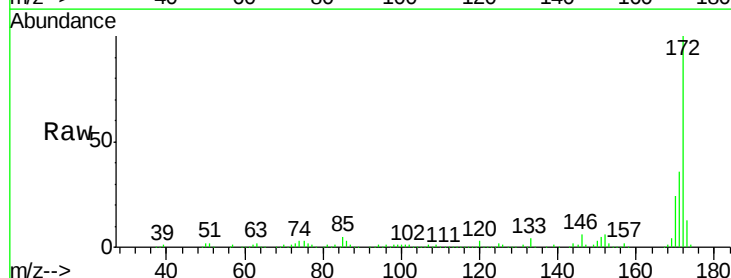
Instrument :
 BNA_F
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 GCF-EB-1

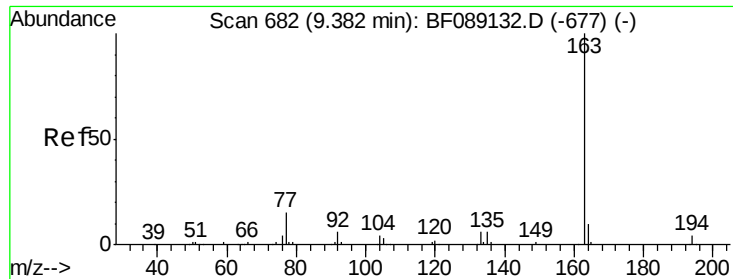
Tgt Ion:330 Resp: 125001
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.2 115.8
 141 46.6 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 96.62 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089242.D
 Acq: 23 Jul 2016 17:40

Tgt Ion:172 Resp: 646342
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.7 19.1 28.7

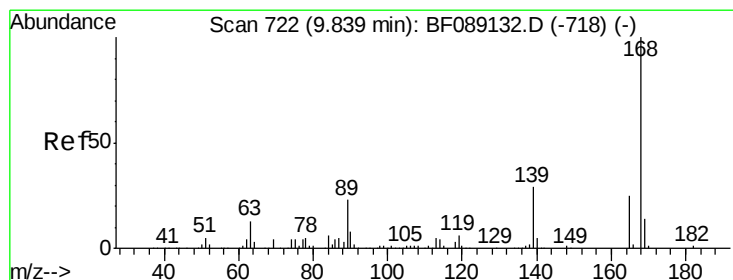
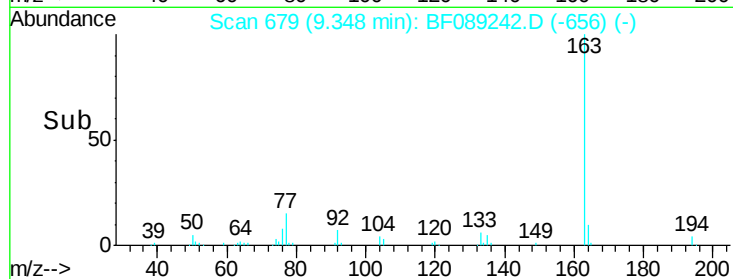
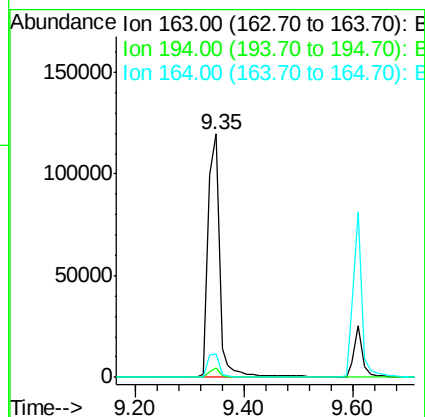
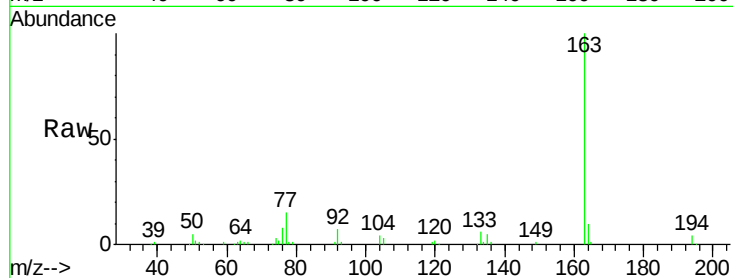




#49
Dimethylphthalate
Concen: 25.03 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089242.D
Acq: 23 Jul 2016 17:40

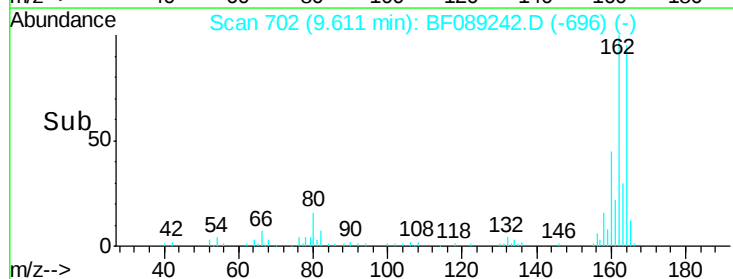
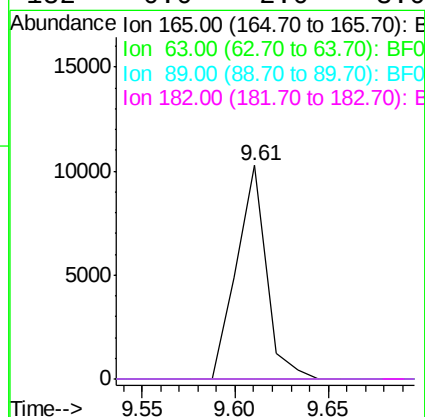
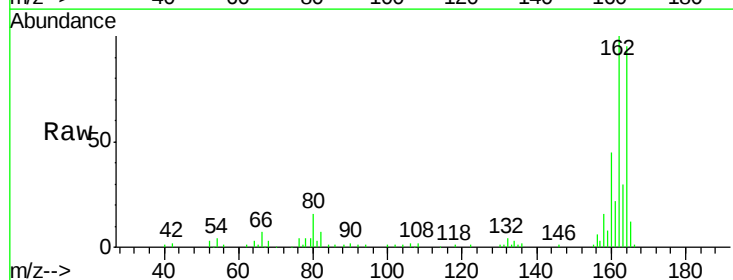
Instrument :
BNA_F
ClientSampleId :
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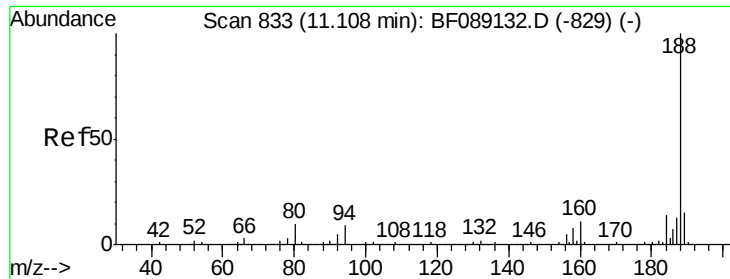
Tgt Ion:163 Resp: 177050
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.5 7.6 11.4



#56
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.23 min
Lab File: BF089242.D
Acq: 23 Jul 2016 17:40

Tgt Ion:165 Resp: 11481
Ion Ratio Lower Upper
165 100
63 0.0 55.4 83.2#
89 0.0 74.3 111.5#
182 0.0 2.0 3.0#

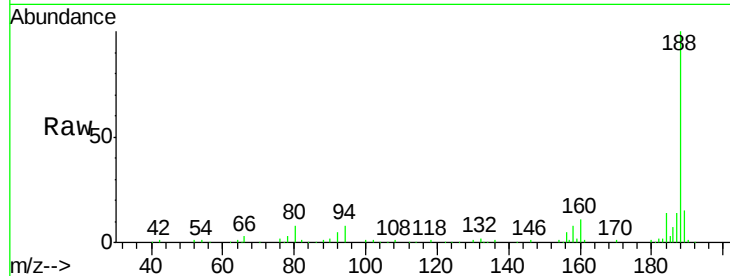




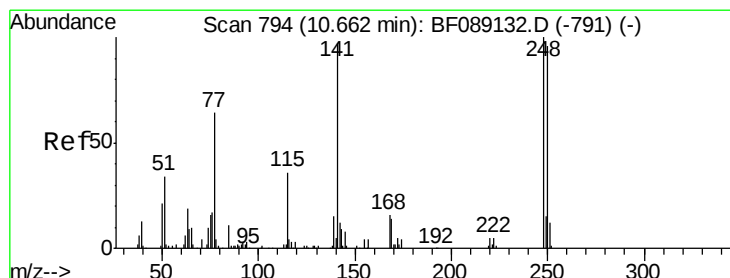
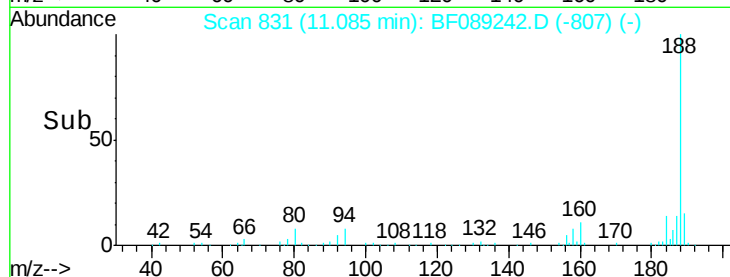
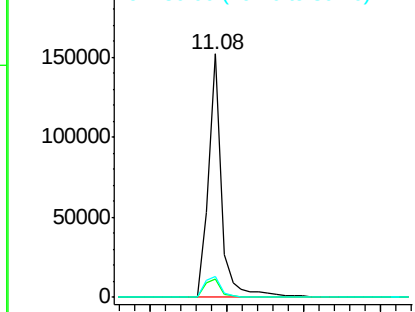
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089242.D
 Acq: 23 Jul 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 GCF-EB-1

Tgt Ion:188 Resp: 179605
 Ion Ratio Lower Upper
 188 100
 94 7.6 7.0 10.4
 80 8.3 7.7 11.5

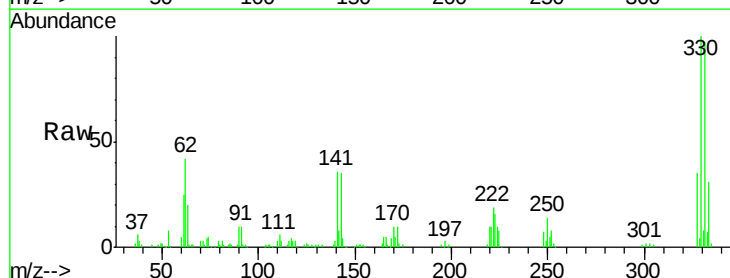


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

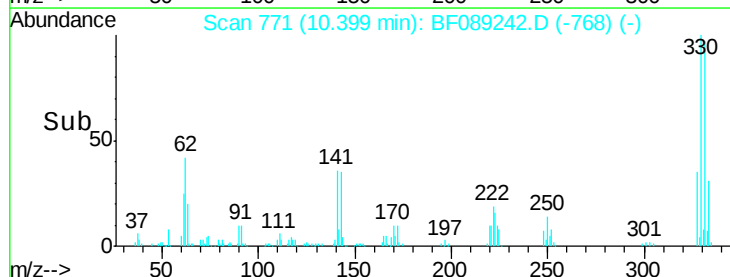
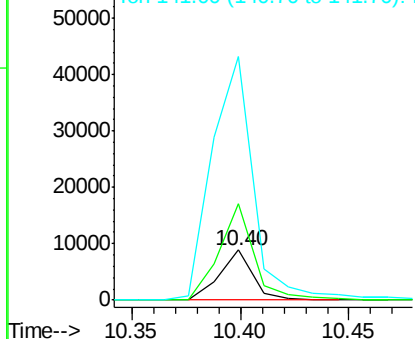


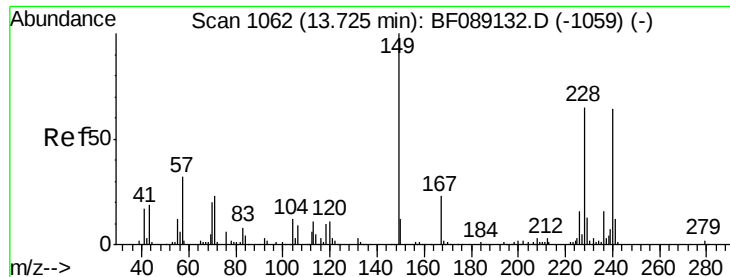
#66
 4-Bromophenyl-phenylether
 Concen: 5.27 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.26 min
 Lab File: BF089242.D
 Acq: 23 Jul 2016 17:40

Tgt Ion:248 Resp: 9358
 Ion Ratio Lower Upper
 248 100
 250 194.5 76.9 115.3#
 141 488.3 77.4 116.2#



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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089242.D

Acq: 23 Jul 2016 17:40

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

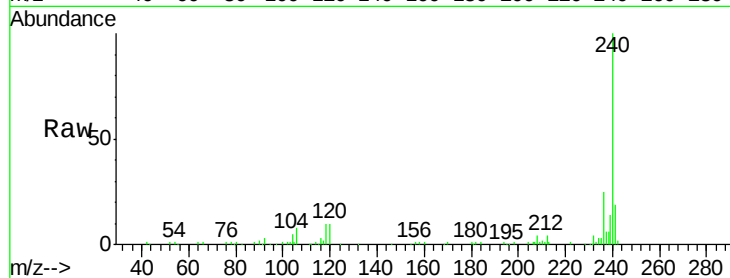
Tgt Ion:240 Resp: 125950

Ion Ratio Lower Upper

240 100

120 10.5 13.6 20.4#

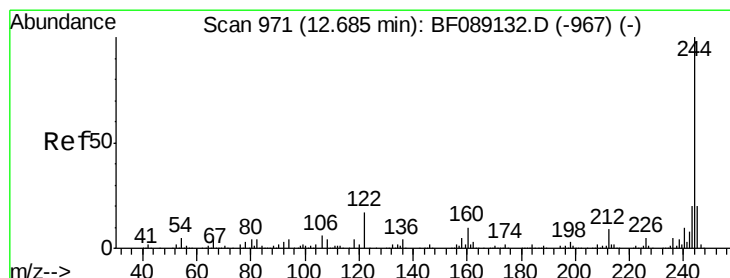
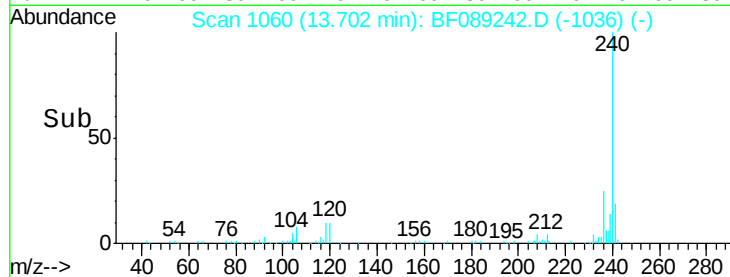
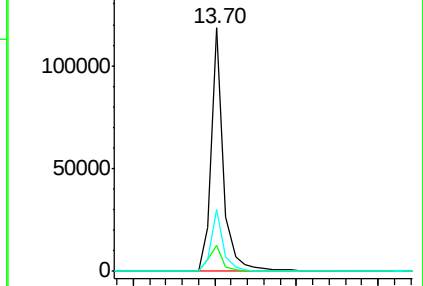
236 25.2 20.5 30.7



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: 93.08 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089242.D

Acq: 23 Jul 2016 17:40

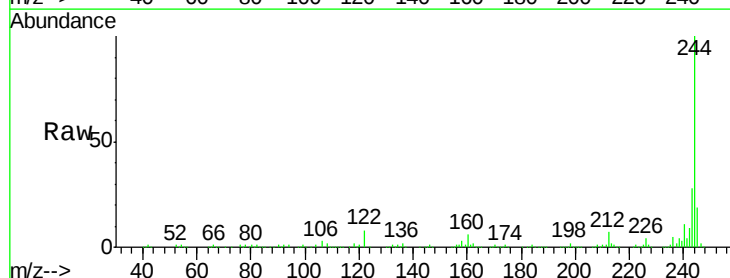
Tgt Ion:244 Resp: 540484

Ion Ratio Lower Upper

244 100

212 7.1 7.0 10.4

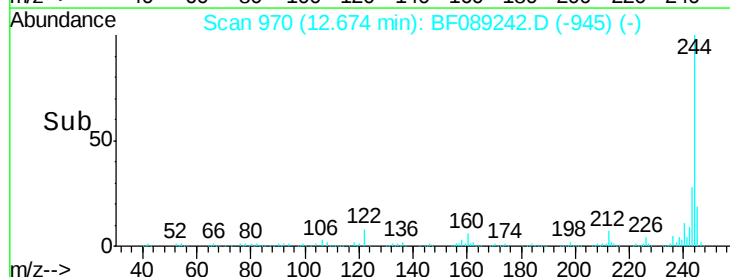
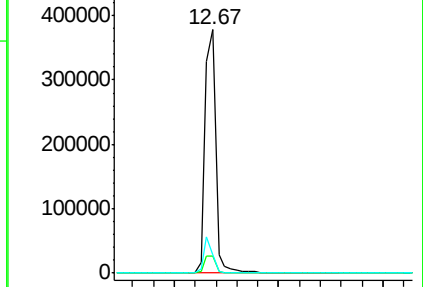
122 7.5 13.8 20.8#

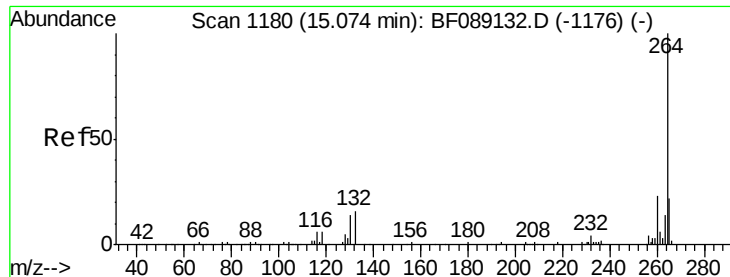


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.04 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BF089242.D
Acq: 23 Jul 2016 17:40

Instrument :
BNA_F
ClientSampleId :
GCF-EB-1

Tgt Ion:264 Resp: 89768
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 20.5 17.3 25.9

