

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089291.D
 Acq On : 25 Jul 2016 22:13
 Operator : UM/SJ
 Sample : H4207-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NW-1

Quant Time: Jul 26 00:59:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

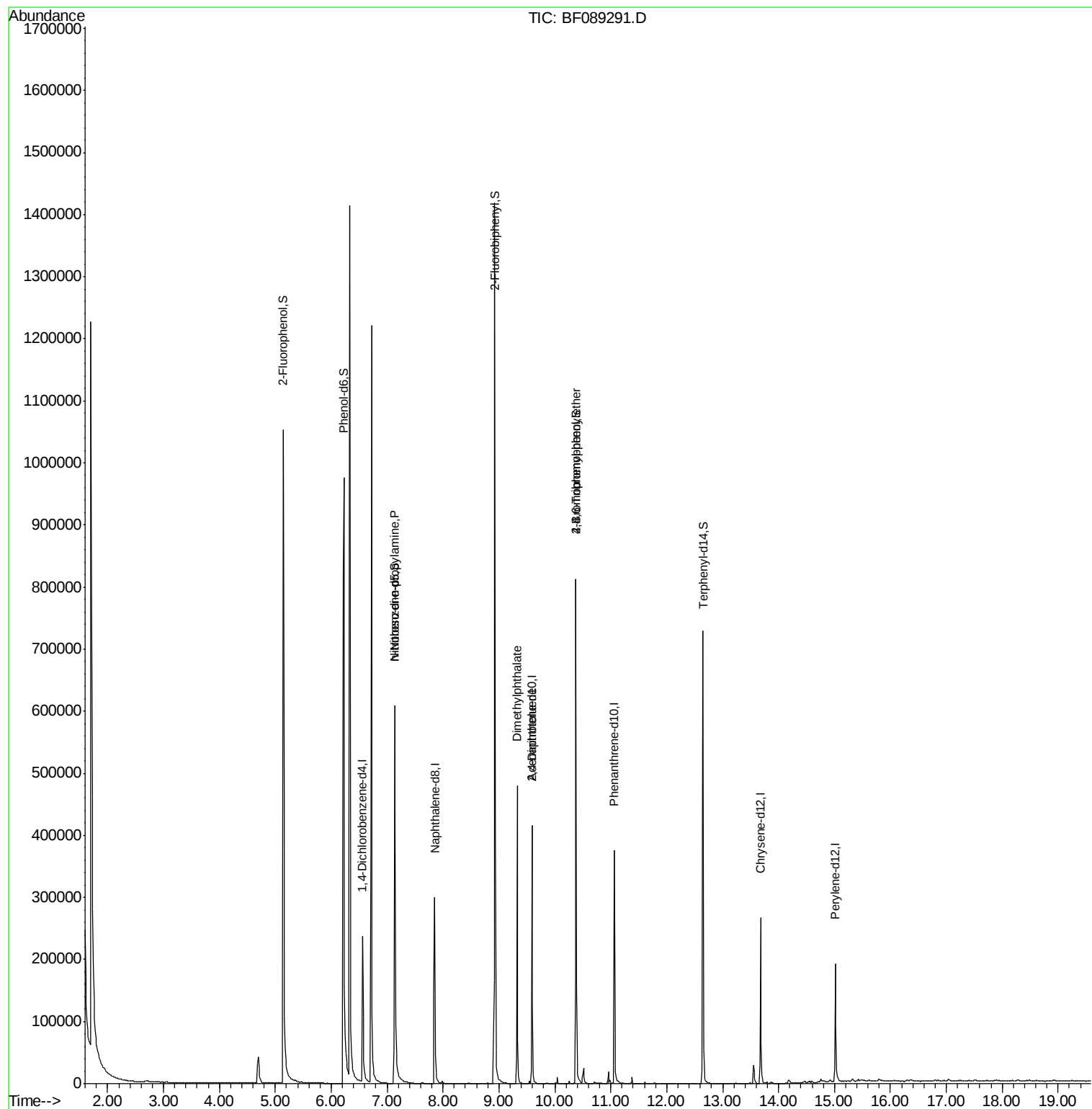
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	50036	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	195116	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	86849	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	154270	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	100809	20.00	ng	-0.01
86) Perylene-d12	15.02	264	85716	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	398300	121.07	ng	0.00
7) Phenol-d6	6.23	99	583375	137.50	ng	0.00
23) Nitrobenzene-d5	7.13	82	345173	94.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	85176	108.93	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	499554	79.25	ng	-0.01
78) Terphenyl-d14	12.65	244	348500	74.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	691	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	45378	16.35	ng	# 83
49) Dimethylphthalate	9.32	163	188290	28.25	ng	98
56) 2,4-Dinitrotoluene	9.59	165	10888	5.62	ng	# 10
66) 4-Bromophenyl-phenylether	10.38	248	6629	4.34	ng	# 1

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

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QLast Update : Mon Jul 25 16:56:43 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF089291.D

Acq: 25 Jul 2016 22:13

Instrument :

BNA_F

ClientSampleId :

NW-1

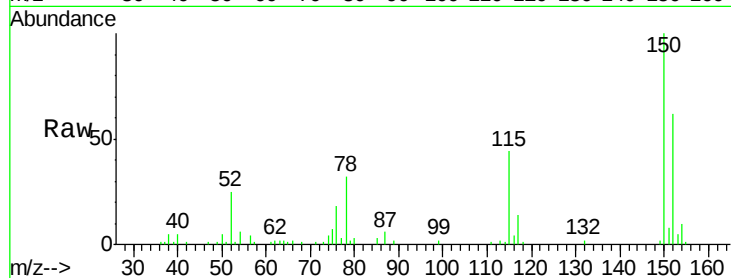
Tgt Ion:152 Resp: 50036

Ion Ratio Lower Upper

152 100

150 160.4 125.1 187.7

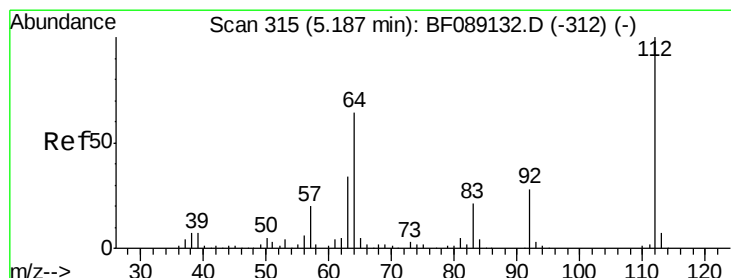
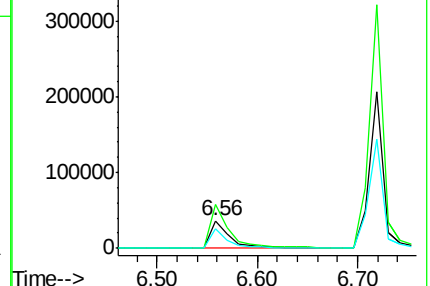
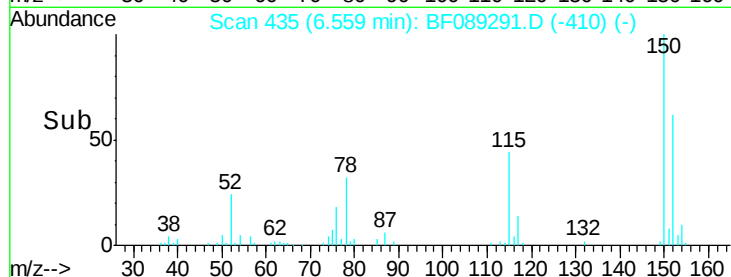
115 71.0 51.1 76.7



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: 121.07 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF089291.D

Acq: 25 Jul 2016 22:13

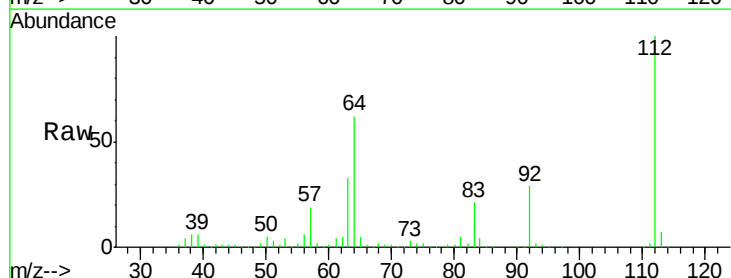
Tgt Ion:112 Resp: 398300

Ion Ratio Lower Upper

112 100

64 61.7 51.0 76.4

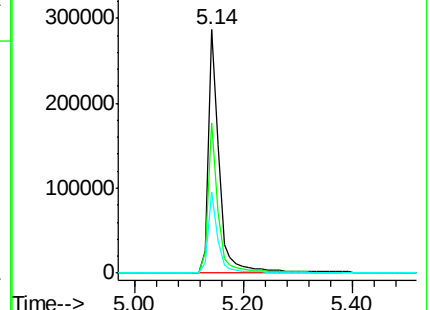
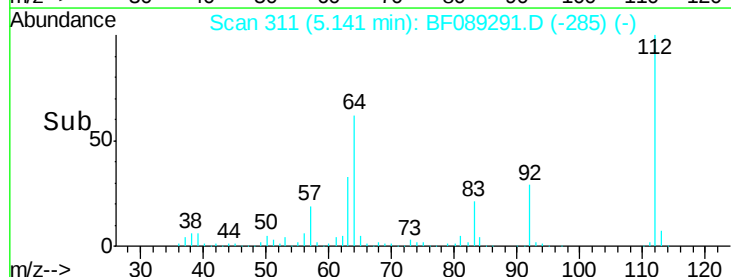
63 33.2 27.3 40.9

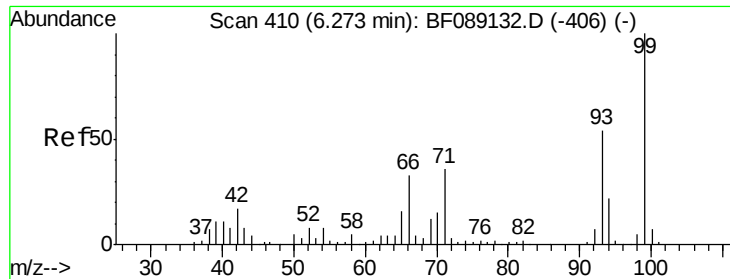


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.50 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF089291.D

Acq: 25 Jul 2016 22:13

Instrument :

BNA_F

ClientSampled :

NW-1

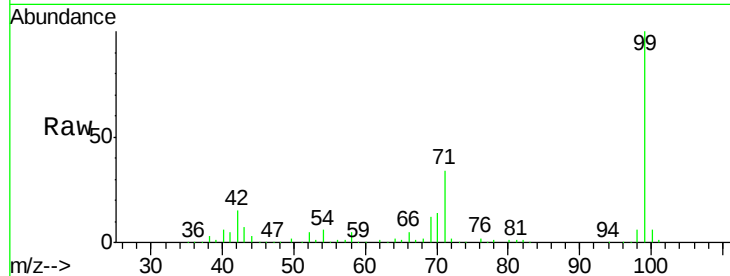
Tgt Ion: 99 Resp: 583375

Ion Ratio Lower Upper

99 100

42 14.6 13.5 20.3

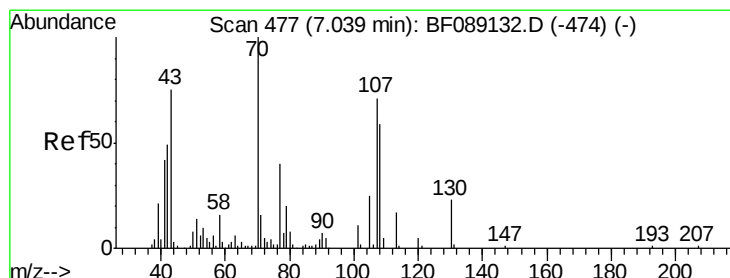
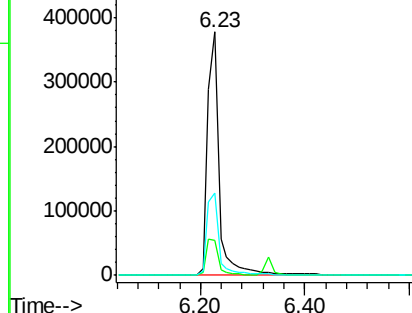
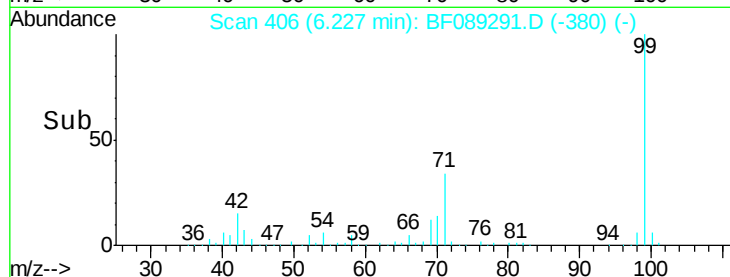
71 33.9 28.9 43.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.35 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089291.D

Acq: 25 Jul 2016 22:13

Tgt Ion: 70 Resp: 45378

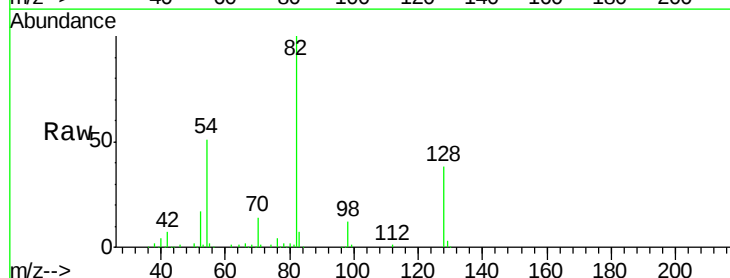
Ion Ratio Lower Upper

70 100

42 47.6 39.2 58.8

101 0.0 8.5 12.7#

130 2.0 18.4 27.6#

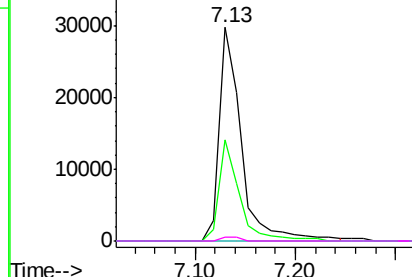
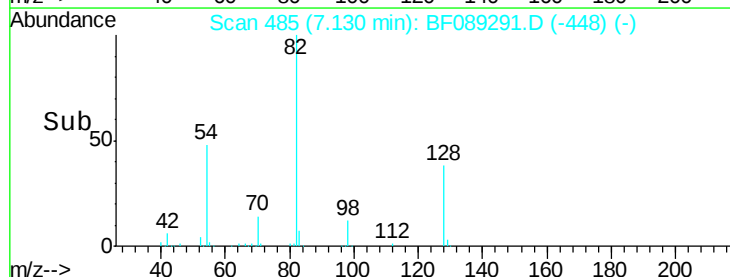


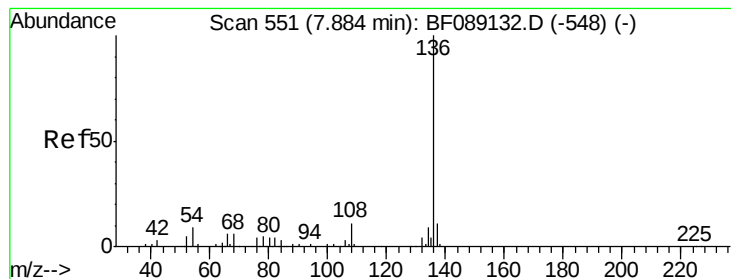
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.85 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF089291.D

Acq: 25 Jul 2016 22:13

Instrument :

BNA_F

ClientSampleId :

NW-1

Tgt Ion: 136 Resp: 195116

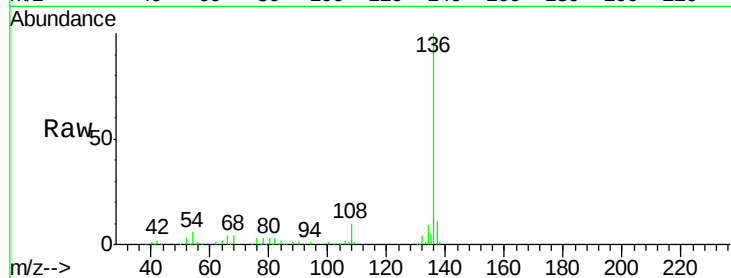
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.2 7.0 10.4#

68 4.4 5.0 7.6#

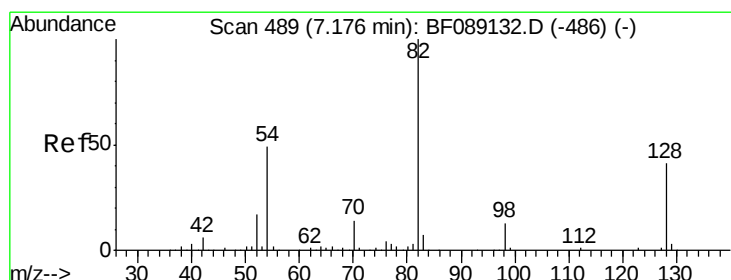
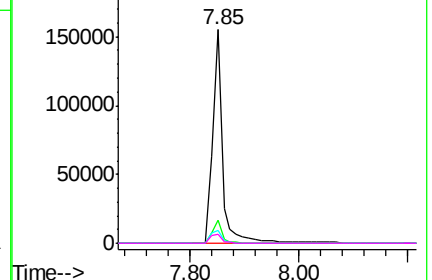
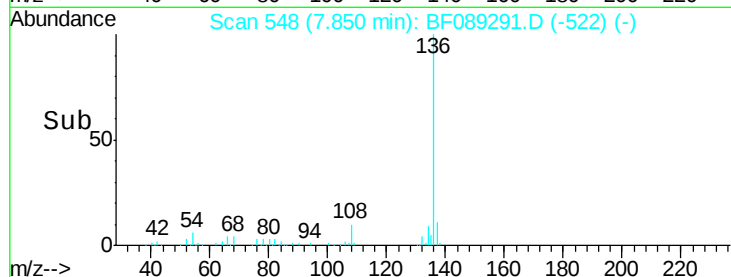


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 94.00 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089291.D

Acq: 25 Jul 2016 22:13

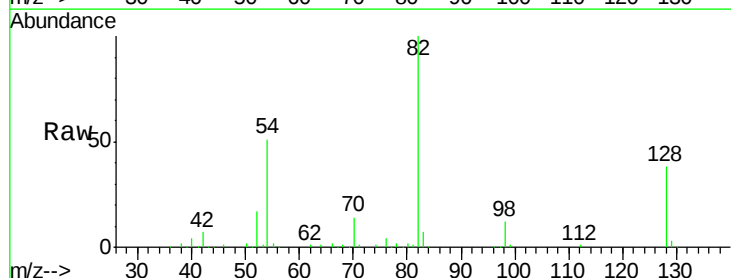
Tgt Ion: 82 Resp: 345173

Ion Ratio Lower Upper

82 100

128 37.9 33.0 49.6

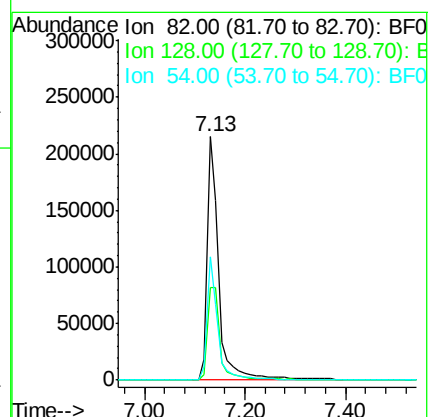
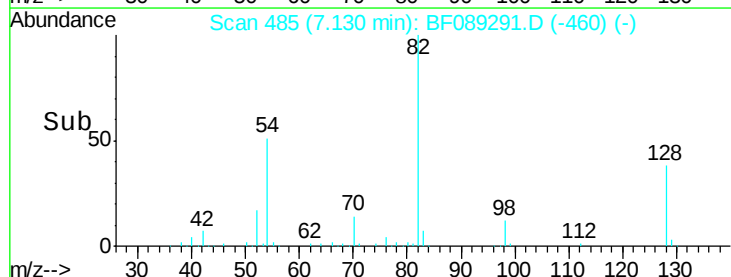
54 50.6 39.0 58.4

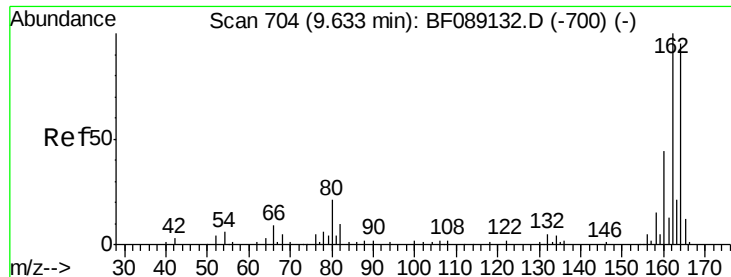


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF089291.D

Acq: 25 Jul 2016 22:13

Instrument :

BNA_F

ClientSampleId :

NW-1

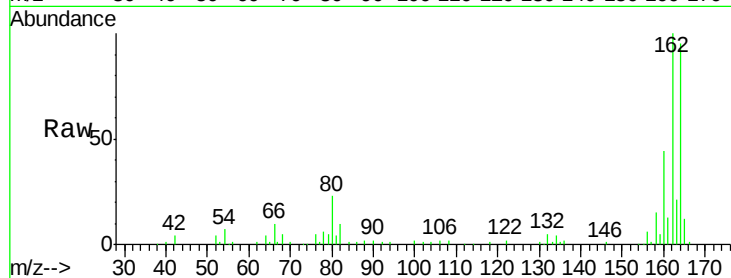
Tgt Ion:164 Resp: 86849

Ion Ratio Lower Upper

164 100

162 105.6 84.1 126.1

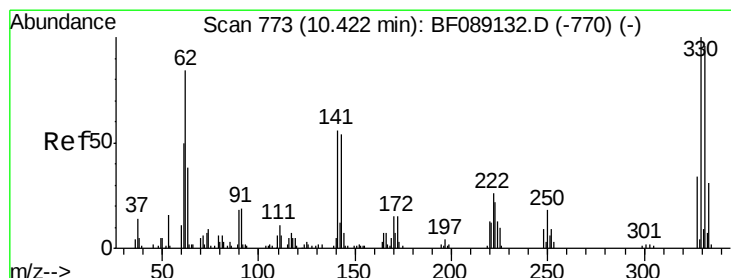
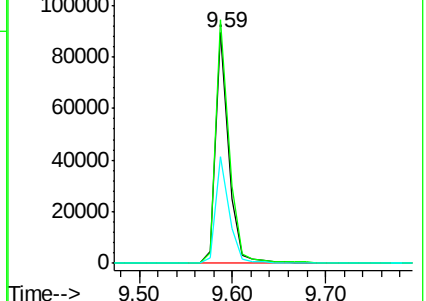
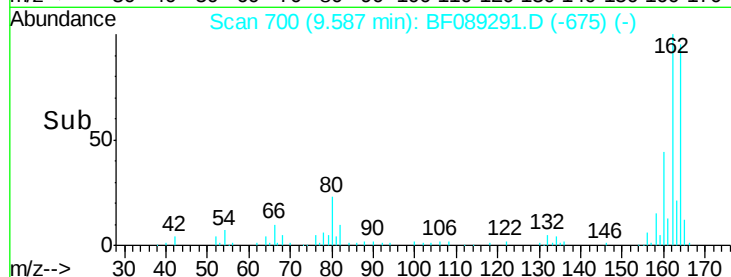
160 46.3 37.1 55.7



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: 108.93 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF089291.D

Acq: 25 Jul 2016 22:13

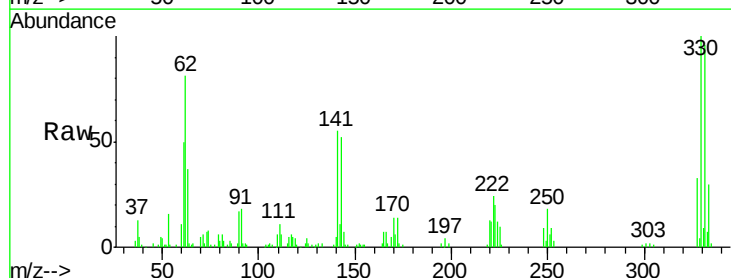
Tgt Ion:330 Resp: 85176

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

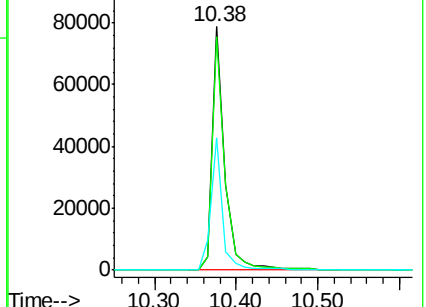
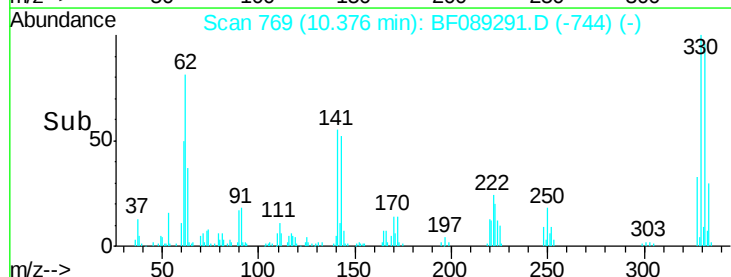
141 51.4 42.2 63.2

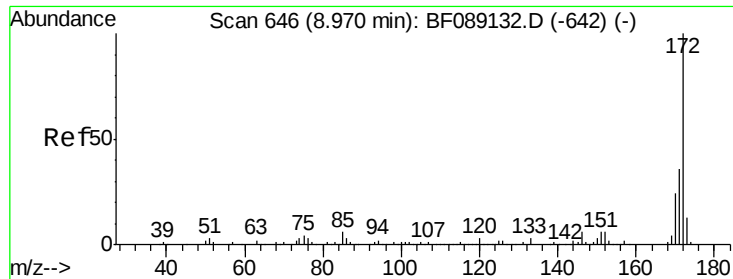


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

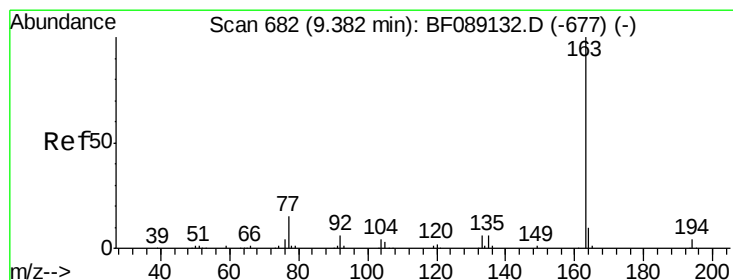
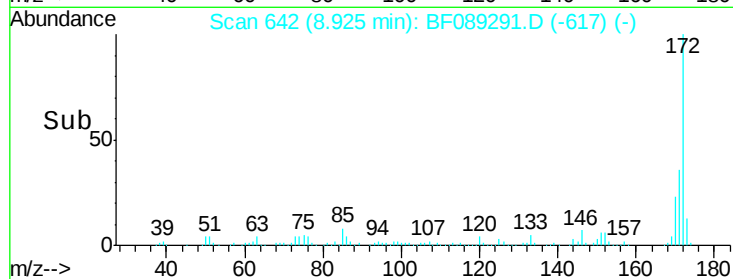
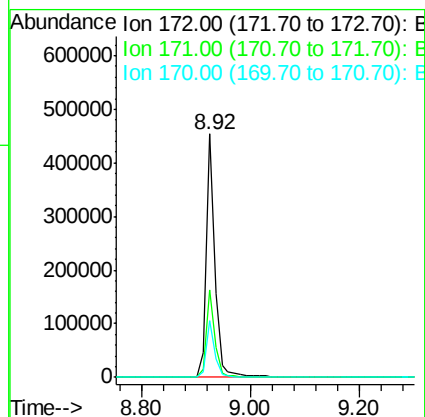
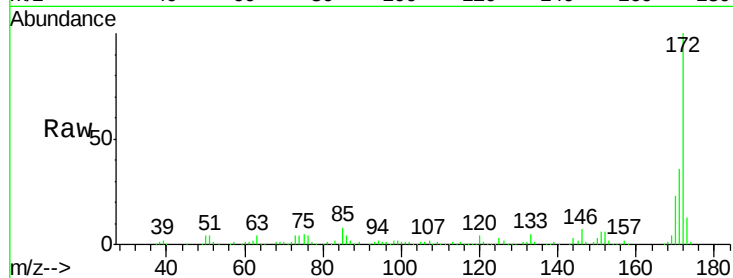




#44
 2-Fluorobiphenyl
 Concen: 79.25 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089291.D
 Acq: 25 Jul 2016 22:13

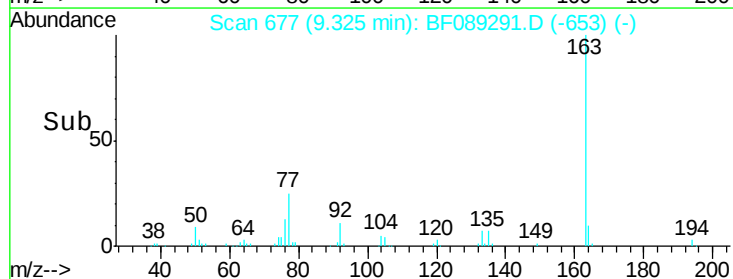
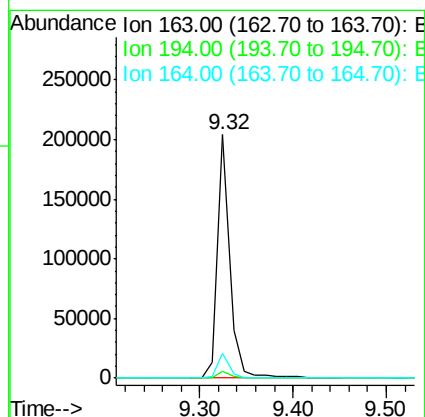
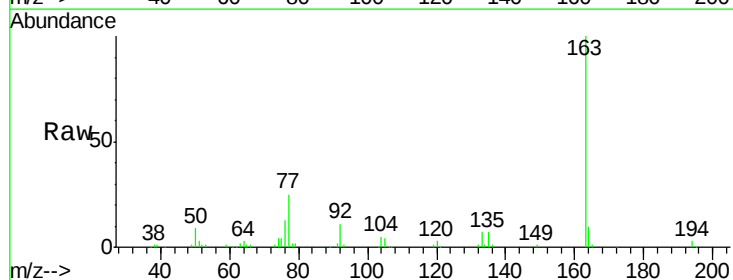
Instrument :
 BNA_F
 ClientSampleId :
 NW-1

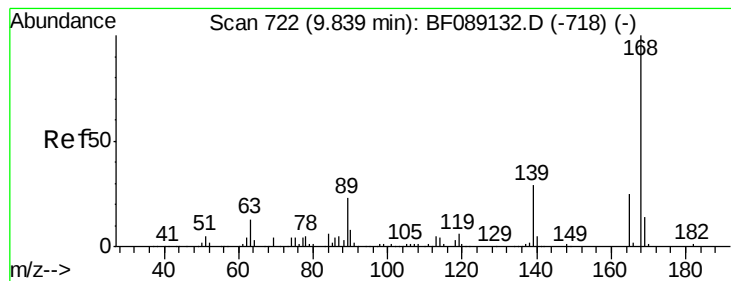
Tgt Ion:172 Resp: 499554
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.5 19.1 28.7



#49
 Dimethylphthalate
 Concen: 28.25 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF089291.D
 Acq: 25 Jul 2016 22:13

Tgt Ion:163 Resp: 188290
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.9 4.3
 164 10.2 7.6 11.4





#56

2,4-Dinitrotoluene

Concen: 5.62 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.22 min

Lab File: BF089291.D

Acq: 25 Jul 2016 22:13

Instrument :

BNA_F

ClientSampleId :

NW-1

Tgt Ion:165 Resp: 10888

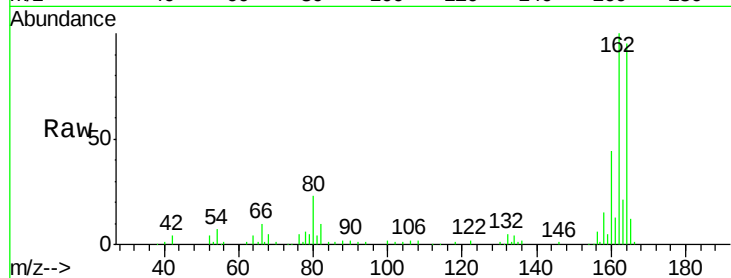
Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

182 0.0 2.0 3.0#

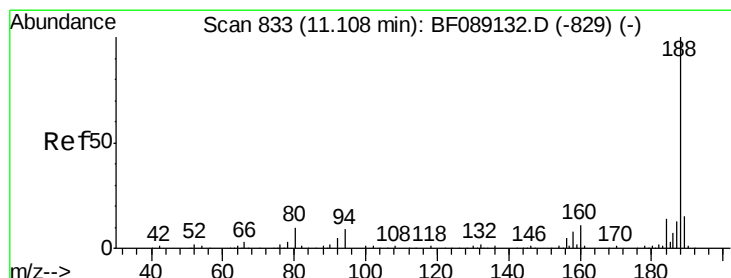
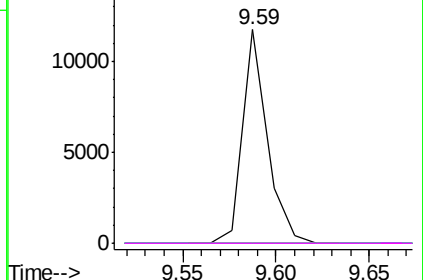
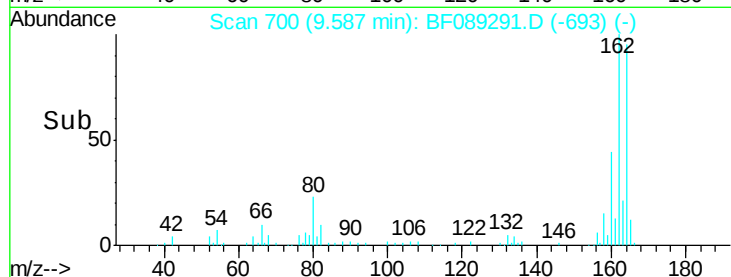


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.06 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF089291.D

Acq: 25 Jul 2016 22:13

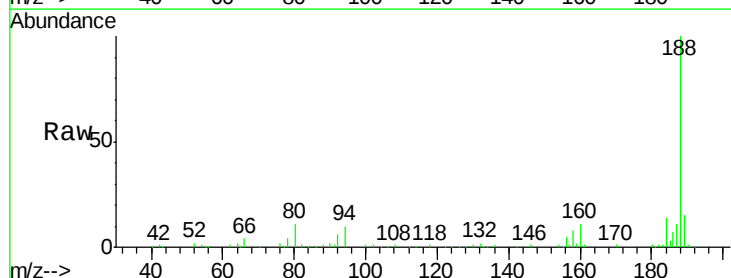
Tgt Ion:188 Resp: 154270

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.4

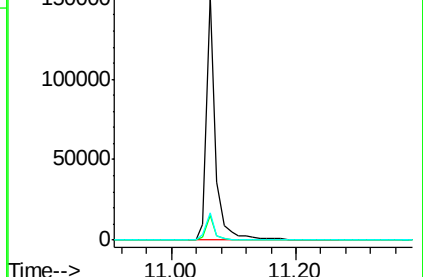
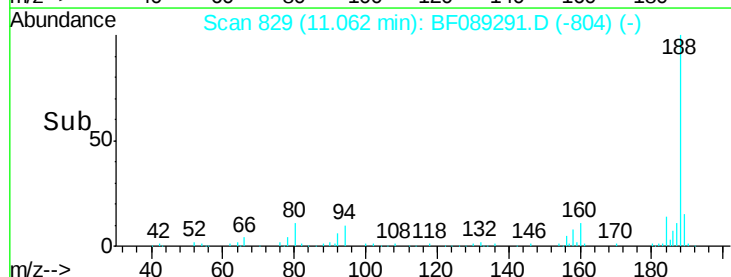
80 11.1 7.7 11.5

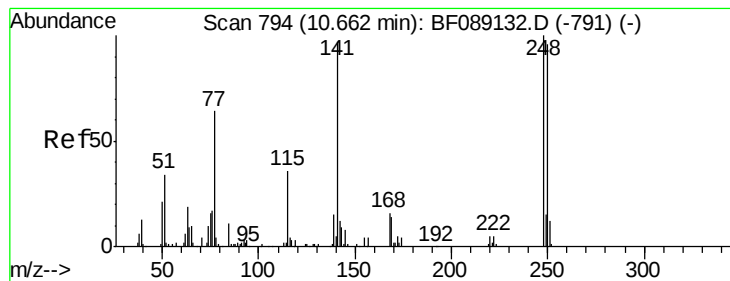


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.34 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.25 min

Lab File: BF089291.D

Acq: 25 Jul 2016 22:13

Instrument :

BNA_F

ClientSampled :

NW-1

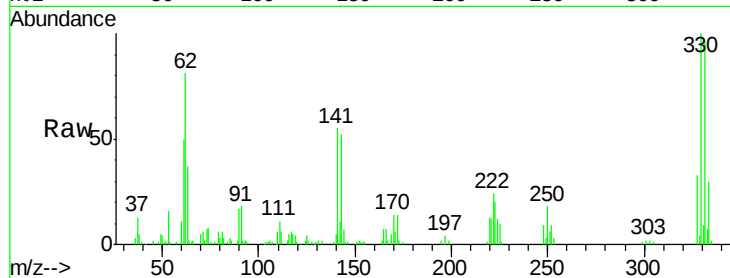
Tgt Ion:248 Resp: 6629

Ion Ratio Lower Upper

248 100

250 199.4 76.9 115.3#

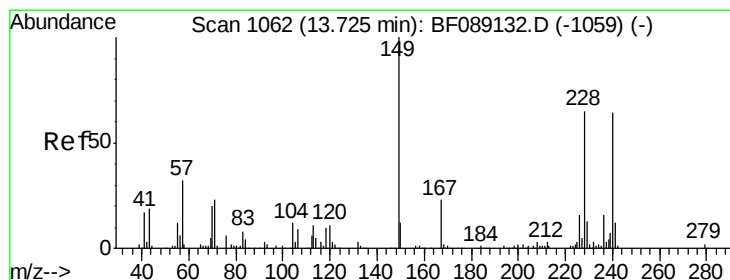
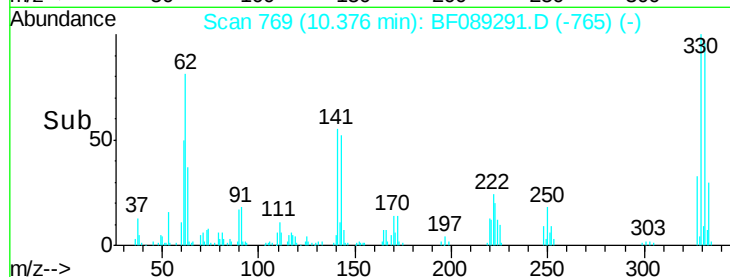
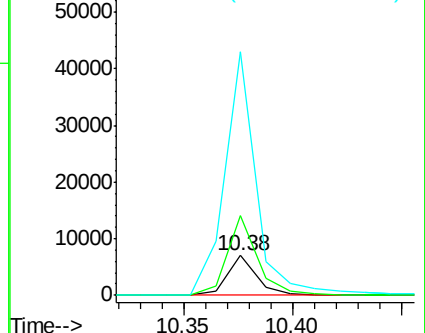
141 608.9 77.4 116.2#



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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089291.D

Acq: 25 Jul 2016 22:13

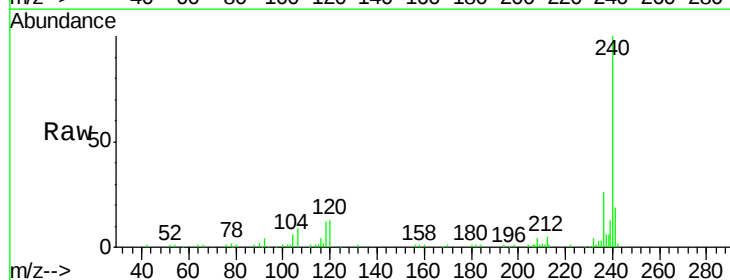
Tgt Ion:240 Resp: 100809

Ion Ratio Lower Upper

240 100

120 12.8 13.6 20.4#

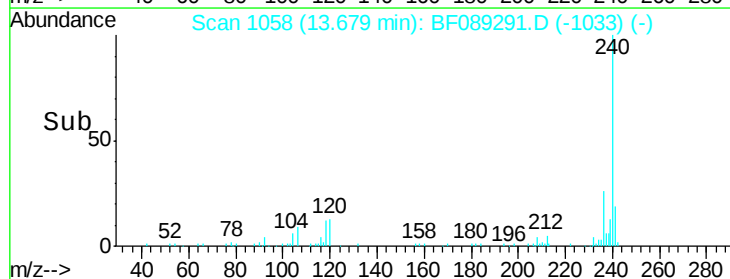
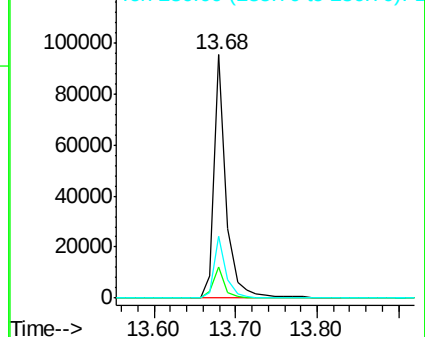
236 25.6 20.5 30.7

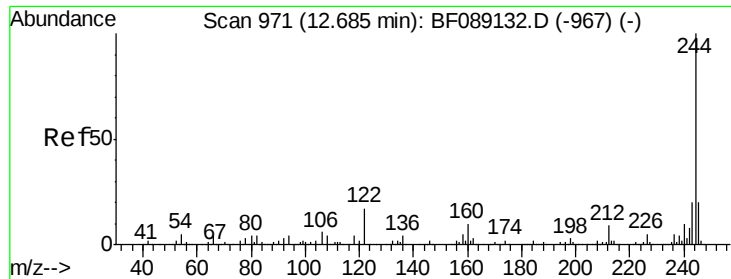


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

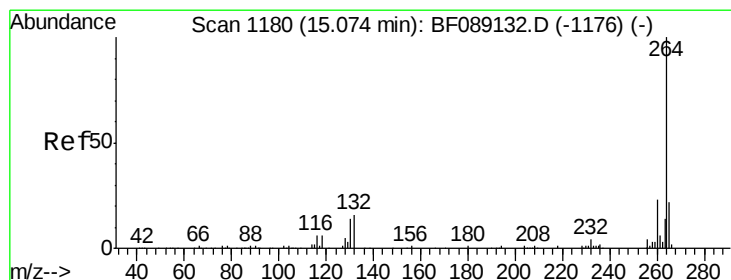
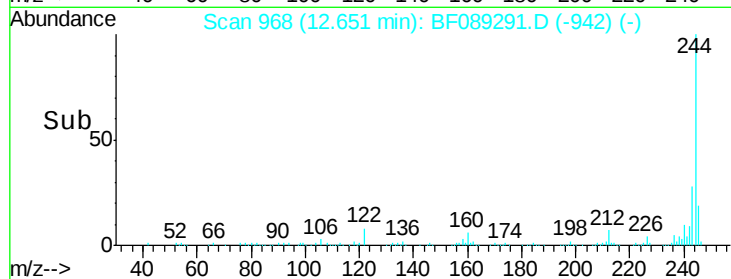
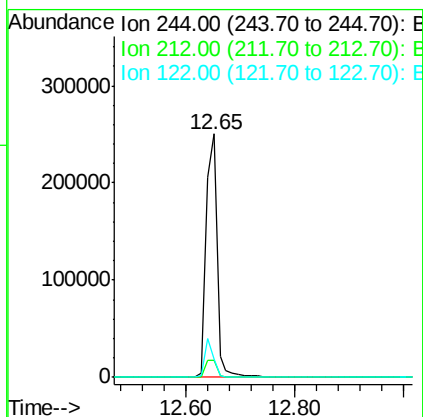
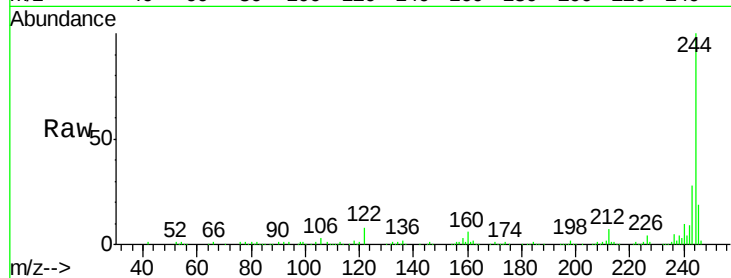




#78
 Terphenyl-d14
 Concen: 74.98 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF089291.D
 Acq: 25 Jul 2016 22:13

Instrument :
 BNA_F
 ClientSampleId :
 NW-1

Tgt Ion:244 Resp: 348500
 Ion Ratio Lower Upper
 244 100
 212 7.0 7.0 10.4
 122 7.7 13.8 20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089291.D
 Acq: 25 Jul 2016 22:13

Tgt Ion:264 Resp: 85716
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 21.6 17.3 25.9

