

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089290.D
 Acq On : 25 Jul 2016 21:43
 Operator : UM/SJ
 Sample : H4207-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-N

Quant Time: Jul 26 00:59:08 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

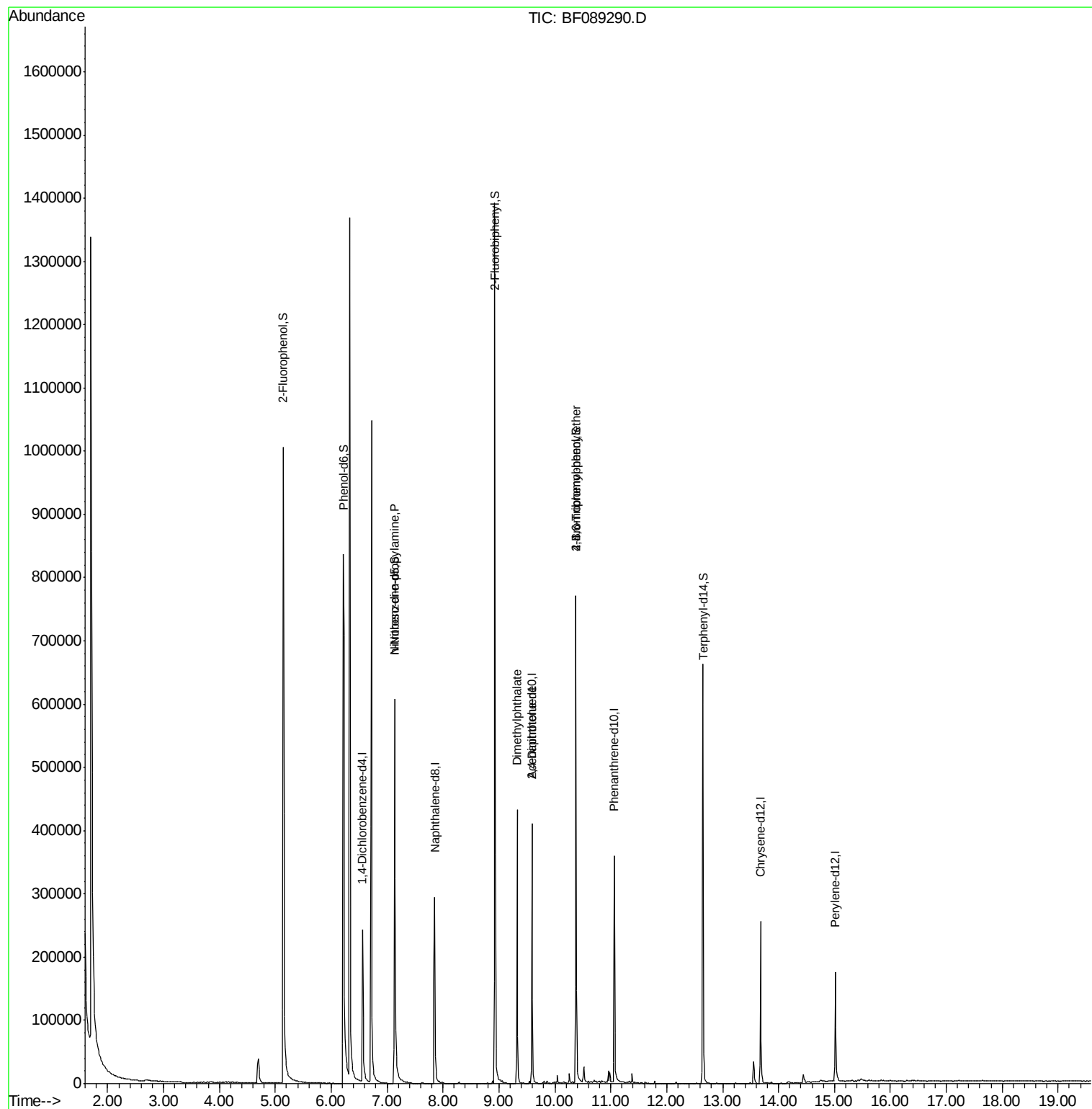
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	50634	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	198429	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	85594	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	146071	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	98815	20.00	ng	-0.01
86) Perylene-d12	15.02	264	81301	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	374823	112.58	ng	0.00
7) Phenol-d6	6.22	99	513251	119.55	ng	-0.01
23) Nitrobenzene-d5	7.13	82	308292	82.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	79731	103.46	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	481270	77.47	ng	-0.01
78) Terphenyl-d14	12.65	244	311910	68.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.22	77	640	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	40611	14.46 ng	#	82
49) Dimethylphthalate	9.32	163	170349	25.94 ng		98
56) 2,4-Dinitrotoluene	9.59	165	10535	5.52 ng	#	10
66) 4-Bromophenyl-phenylether	10.38	248	6151	4.26 ng	#	1

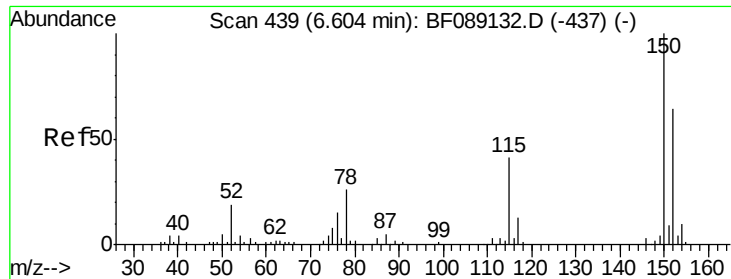
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF089290.D

Acq: 25 Jul 2016 21:43

Instrument :

BNA_F

ClientSampleId :

B1-N

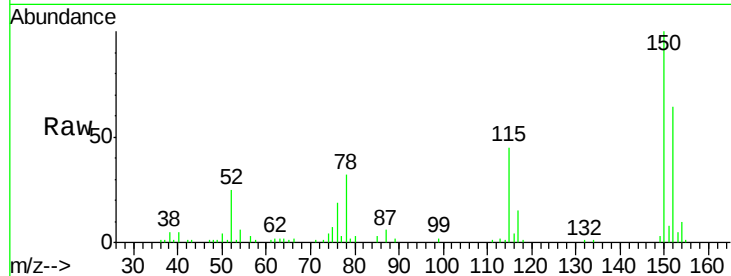
Tgt Ion:152 Resp: 50634

Ion Ratio Lower Upper

152 100

150 155.8 125.1 187.7

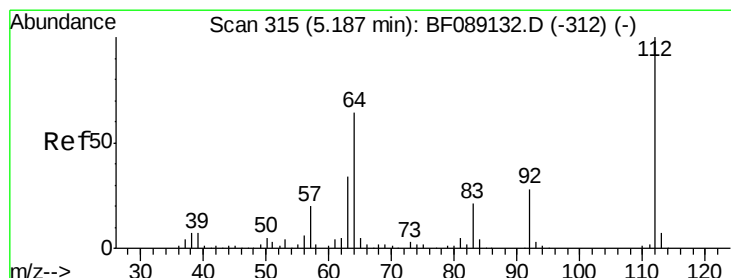
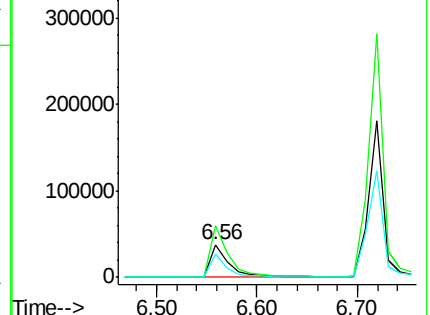
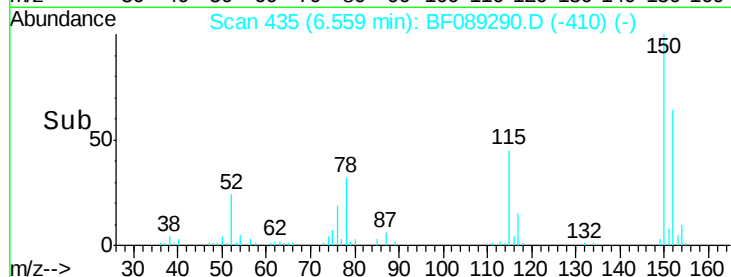
115 70.8 51.1 76.7



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: 112.58 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF089290.D

Acq: 25 Jul 2016 21:43

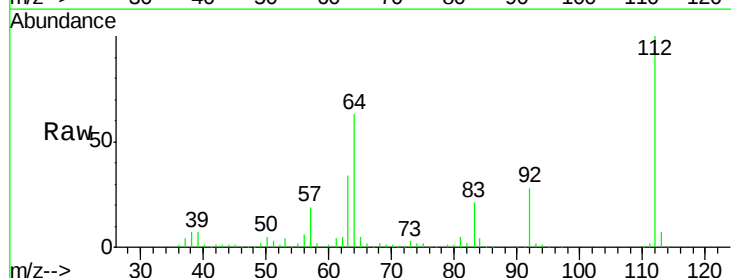
Tgt Ion:112 Resp: 374823

Ion Ratio Lower Upper

112 100

64 62.5 51.0 76.4

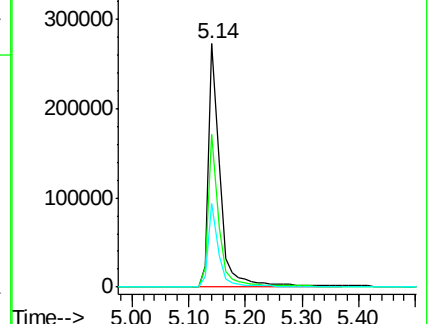
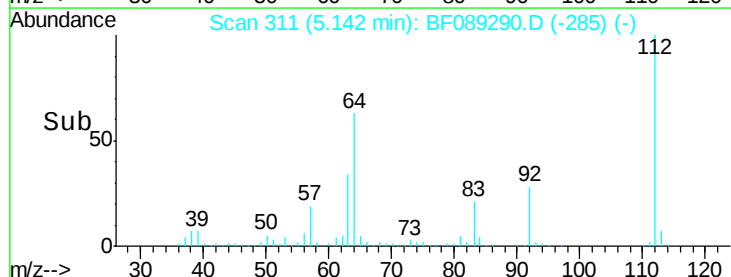
63 34.3 27.3 40.9

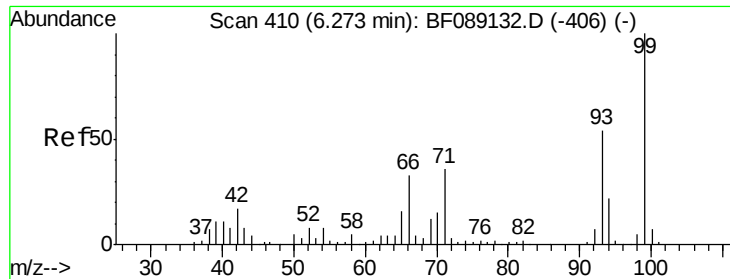


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.55 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089290.D

Acq: 25 Jul 2016 21:43

Instrument :

BNA_F

ClientSampleId :

B1-N

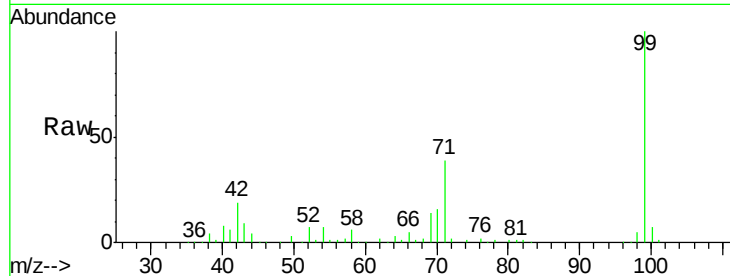
Tgt Ion: 99 Resp: 513251

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

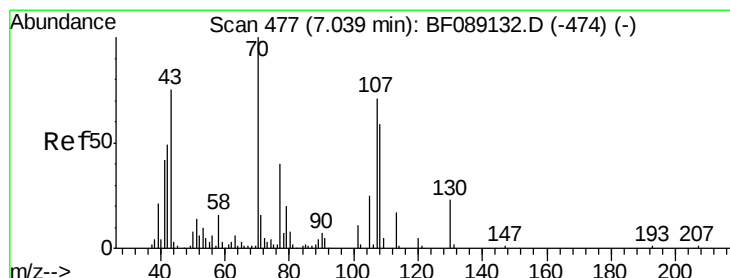
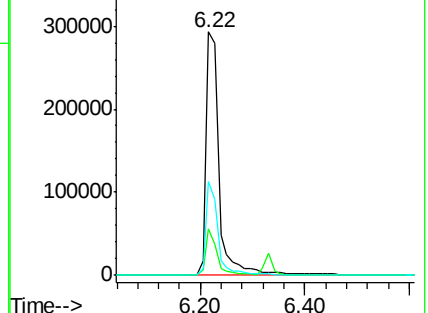
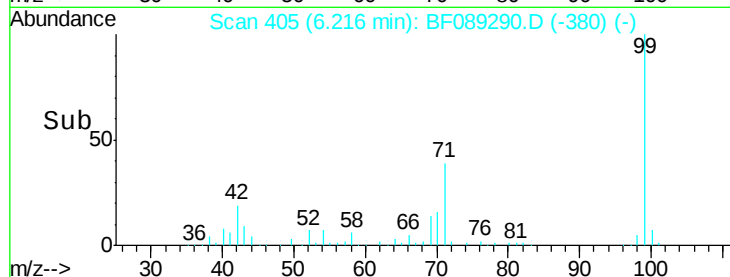
71 38.8 28.9 43.3



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: 14.46 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089290.D

Acq: 25 Jul 2016 21:43

Tgt Ion: 70 Resp: 40611

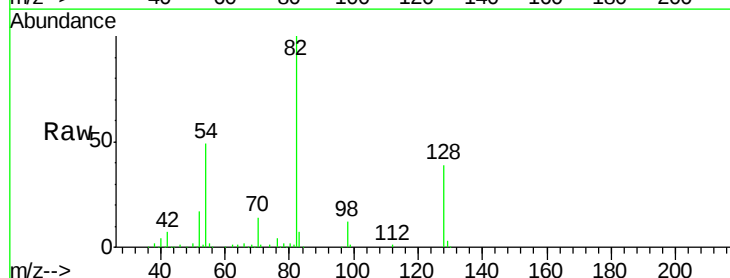
Ion Ratio Lower Upper

70 100

42 46.2 39.2 58.8

101 0.0 8.5 12.7#

130 2.0 18.4 27.6#

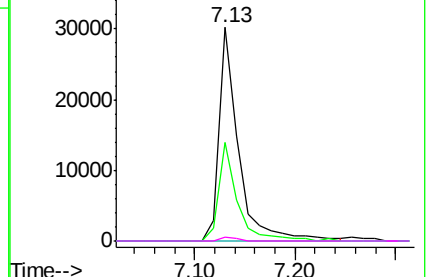
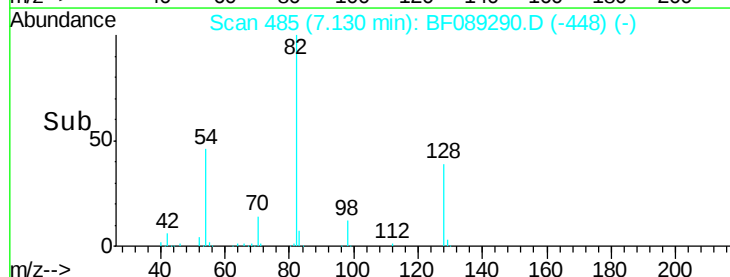


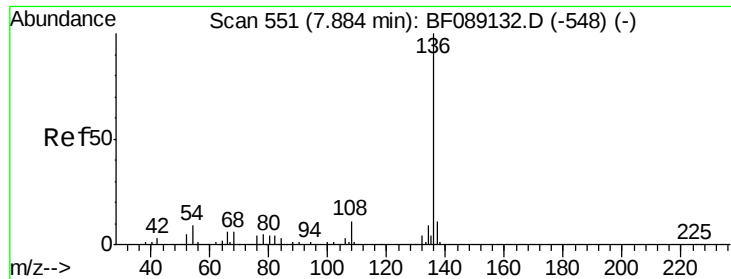
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF089290.D

Acq: 25 Jul 2016 21:43

Instrument :

BNA_F

ClientSampleId :

B1-N

Tgt Ion:136 Resp: 198429

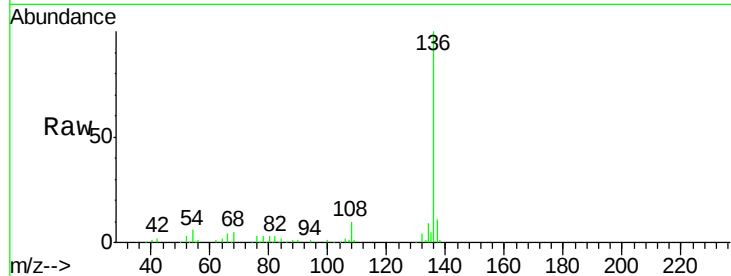
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 5.9 7.0 10.4#

68 4.7 5.0 7.6#

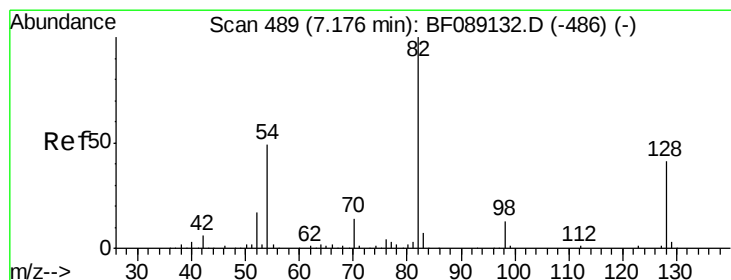
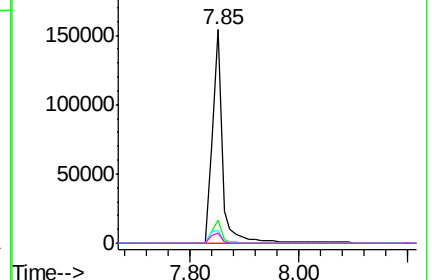
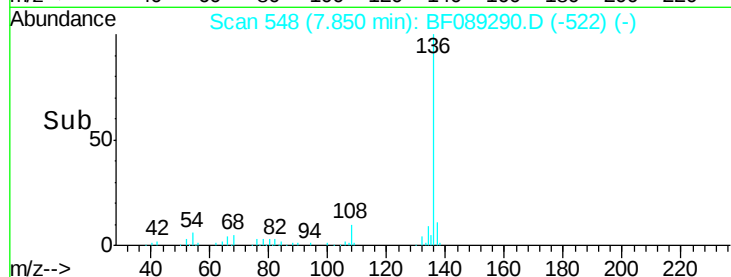


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.55 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089290.D

Acq: 25 Jul 2016 21:43

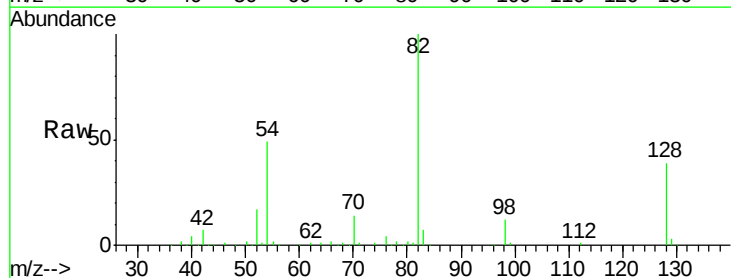
Tgt Ion: 82 Resp: 308292

Ion Ratio Lower Upper

82 100

128 38.8 33.0 49.6

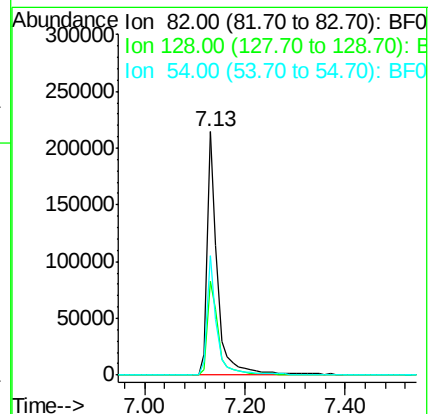
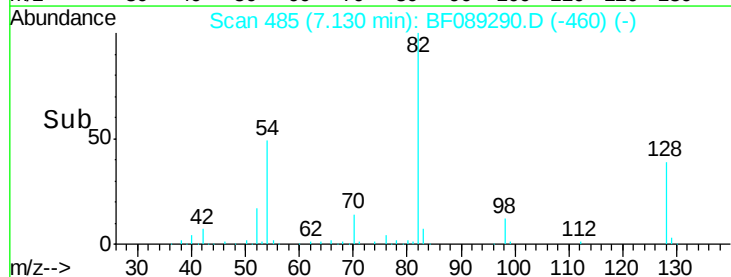
54 49.3 39.0 58.4

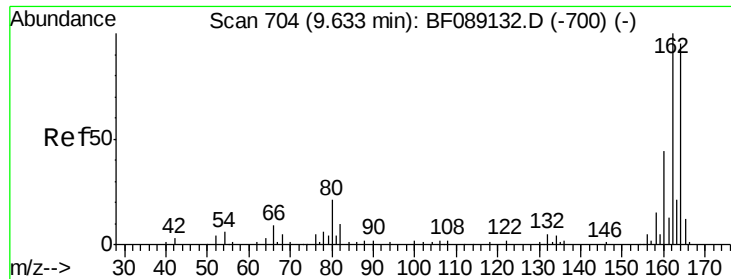


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

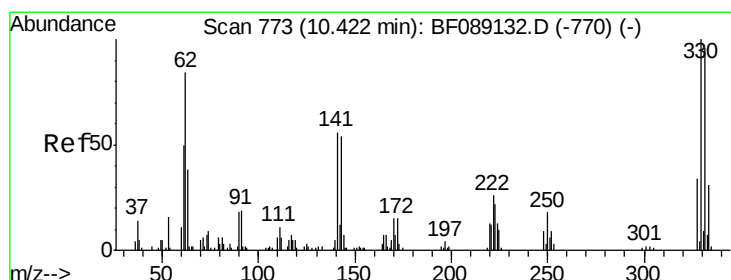
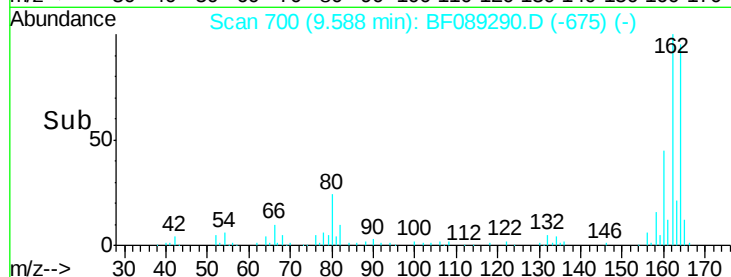
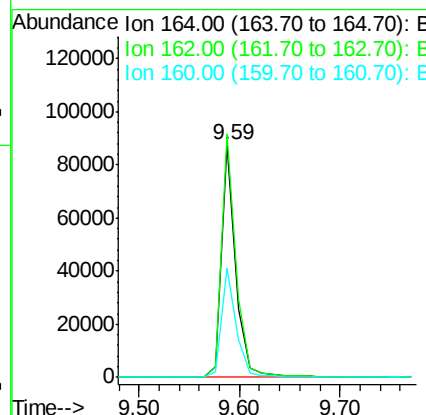
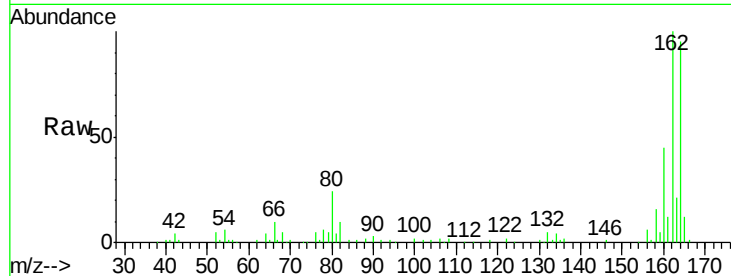




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

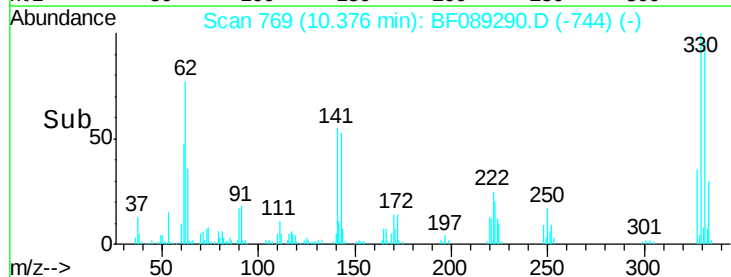
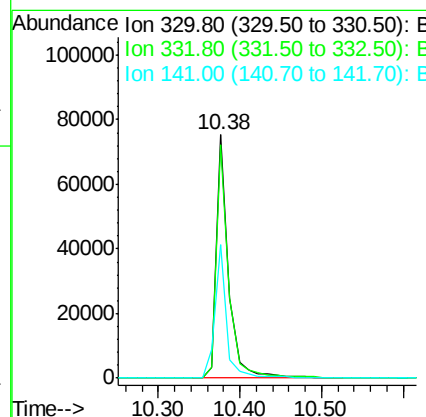
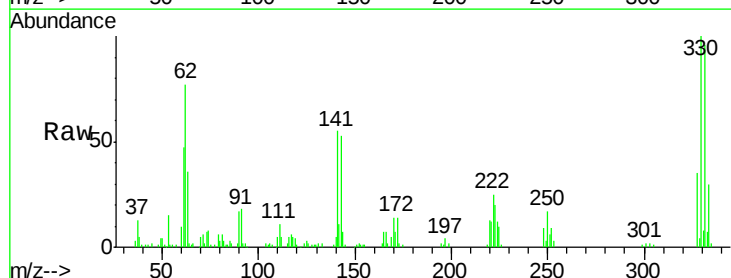
Instrument :
 BNA_F
 ClientSampleId :
 B1-N

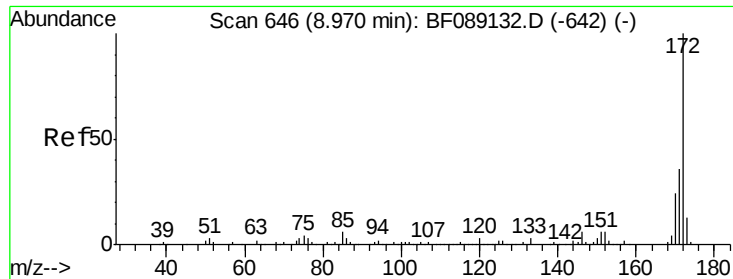
Tgt Ion:164 Resp: 85594
 Ion Ratio Lower Upper
 164 100
 162 104.8 84.1 126.1
 160 47.2 37.1 55.7



#41
 2,4,6-Tribromophenol
 Concen: 103.46 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

Tgt Ion:330 Resp: 79731
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.2 115.8
 141 52.7 42.2 63.2

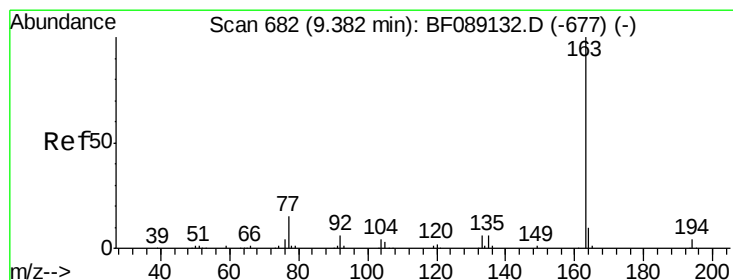
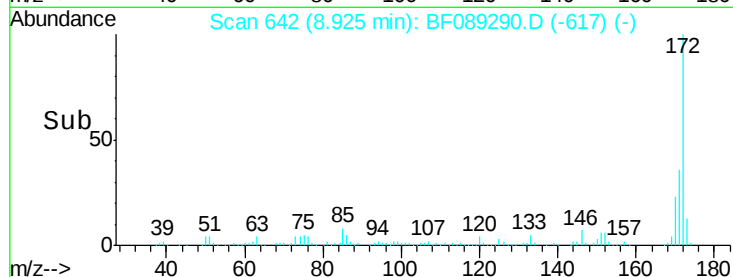
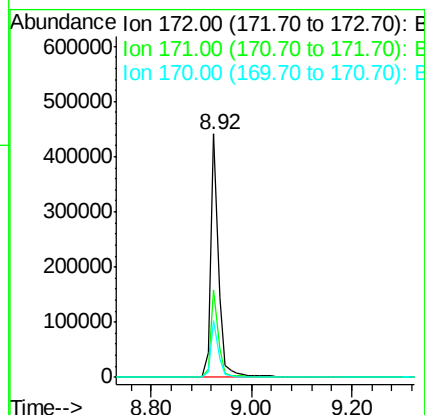
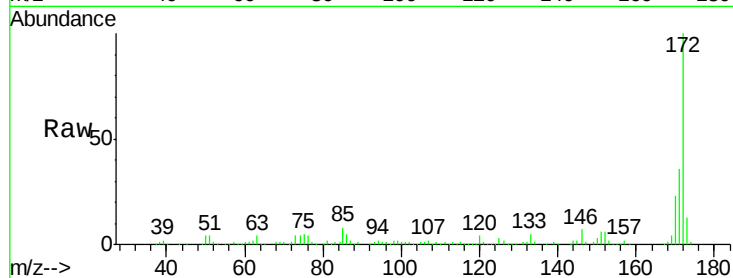




#44
2-Fluorobiphenyl
Concen: 77.47 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF089290.D
Acq: 25 Jul 2016 21:43

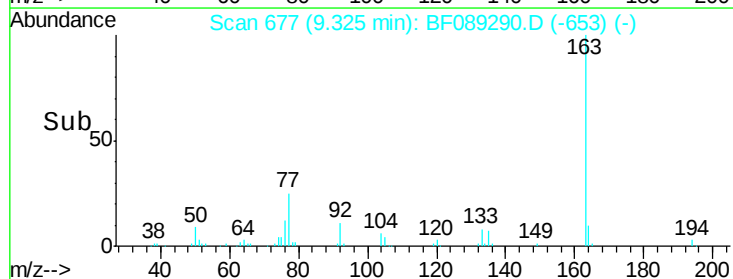
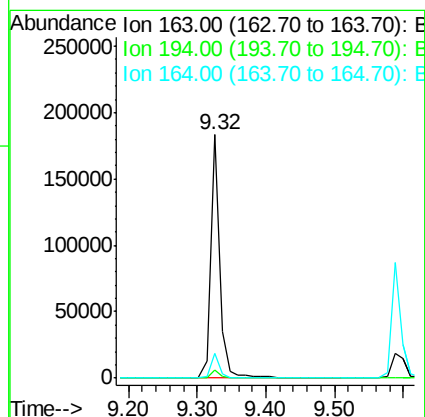
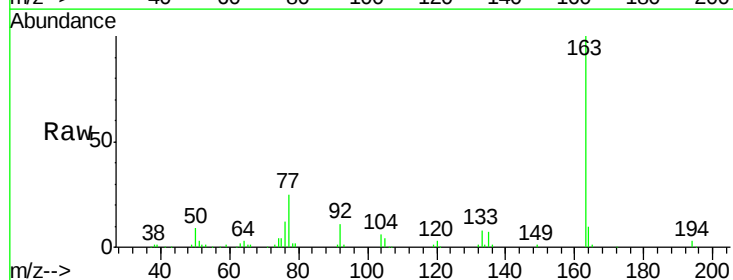
Instrument :
BNA_F
ClientSampleId :
B1-N

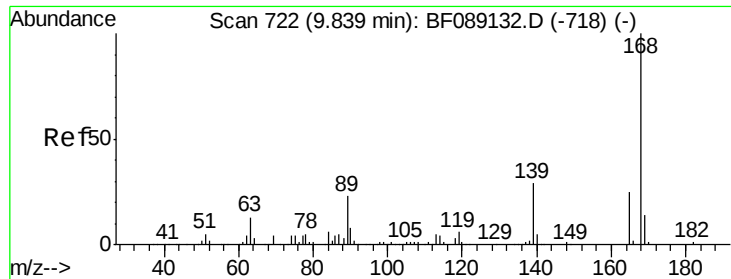
Tgt Ion:172 Resp: 481270
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 23.5 19.1 28.7



#49
Dimethylphthalate
Concen: 25.94 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089290.D
Acq: 25 Jul 2016 21:43

Tgt Ion:163 Resp: 170349
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.2 7.6 11.4

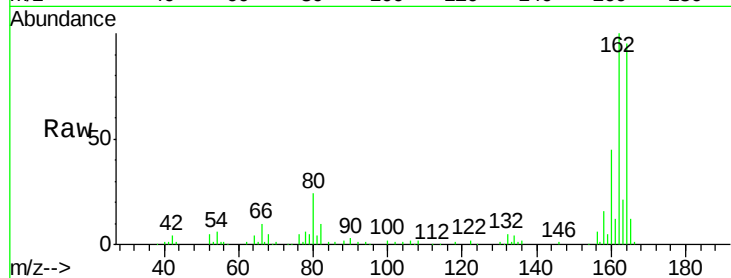




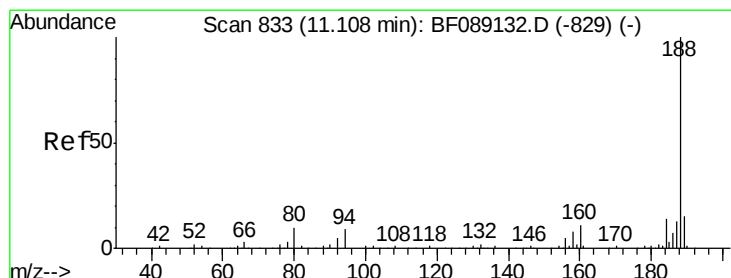
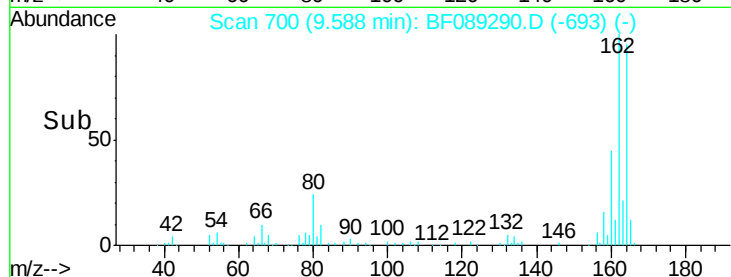
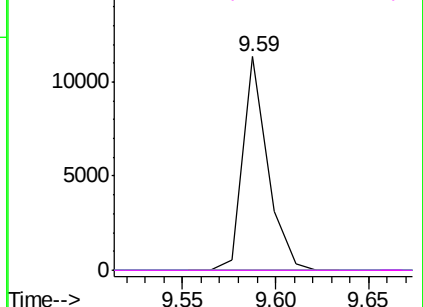
#56
 2,4-Dinitrotoluene
 Concen: 5.52 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 B1-N

Tgt Ion:165 Resp: 10535
 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#

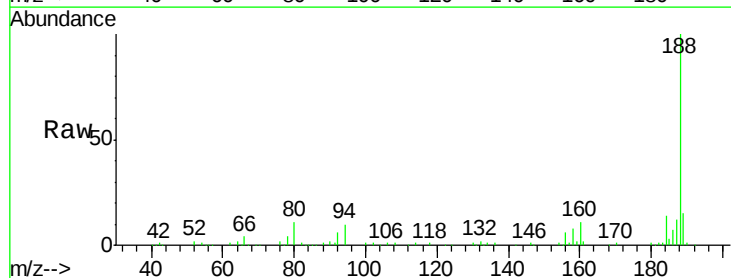


Abundance Ion 165.00 (164.70 to 165.70): E

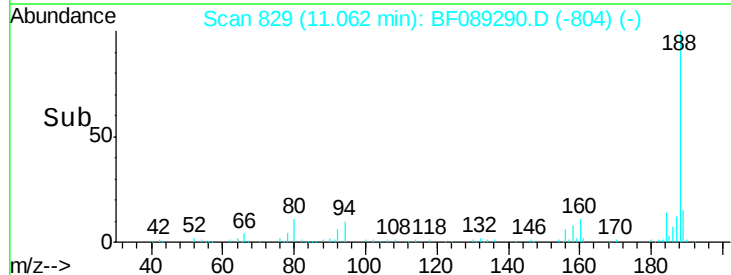
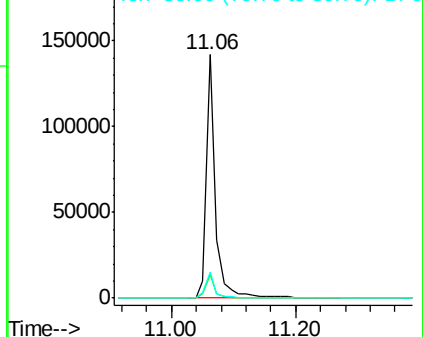


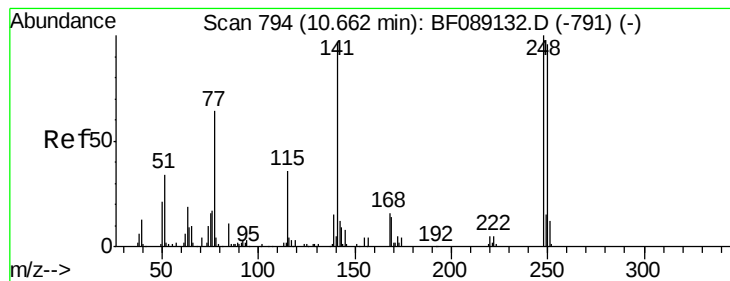
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

Tgt Ion:188 Resp: 146071
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.0 10.4
 80 10.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.26 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.25 min

Lab File: BF089290.D

Acq: 25 Jul 2016 21:43

Instrument :

BNA_F

ClientSampled :

B1-N

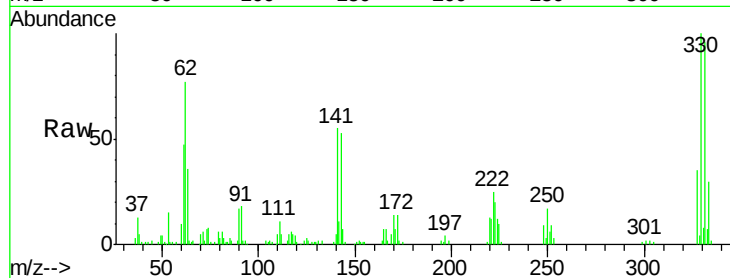
Tgt Ion:248 Resp: 6151

Ion Ratio Lower Upper

248 100

250 190.2 76.9 115.3#

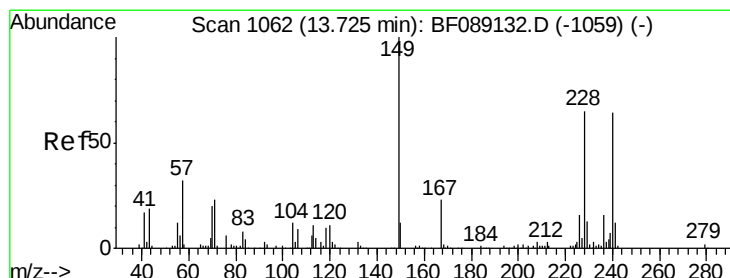
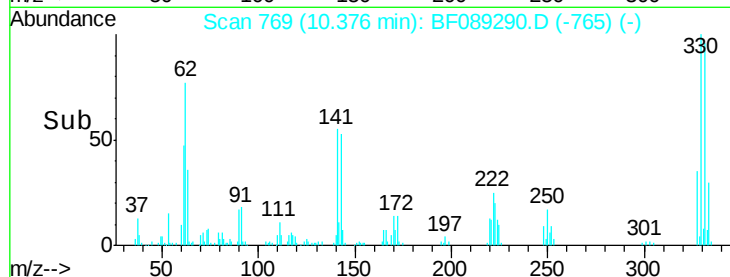
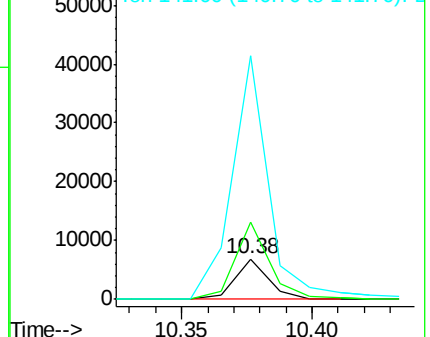
141 600.8 77.4 116.2#



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: BF089290.D

Acq: 25 Jul 2016 21:43

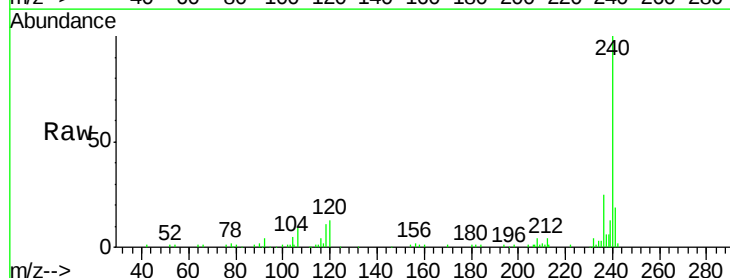
Tgt Ion:240 Resp: 98815

Ion Ratio Lower Upper

240 100

120 12.9 13.6 20.4#

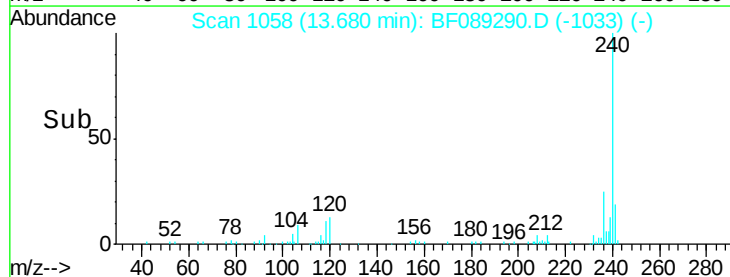
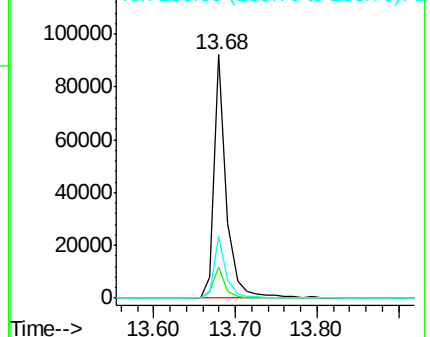
236 25.2 20.5 30.7

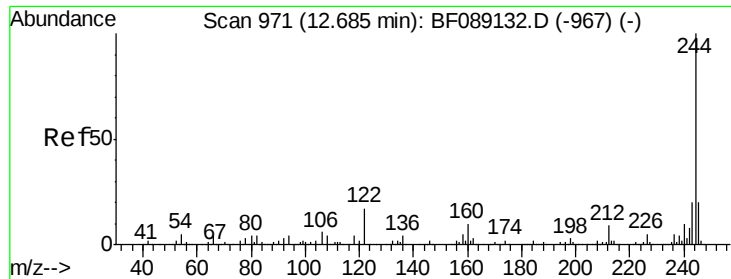


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

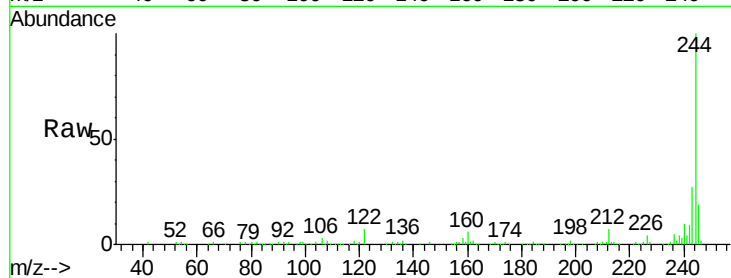




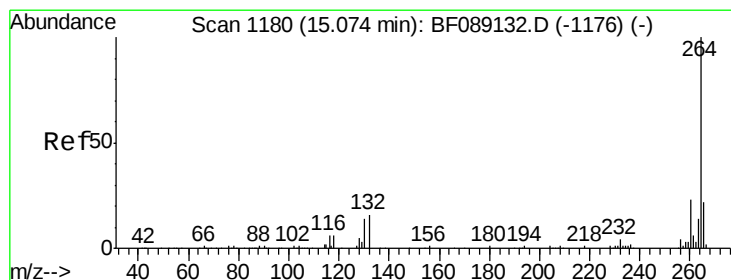
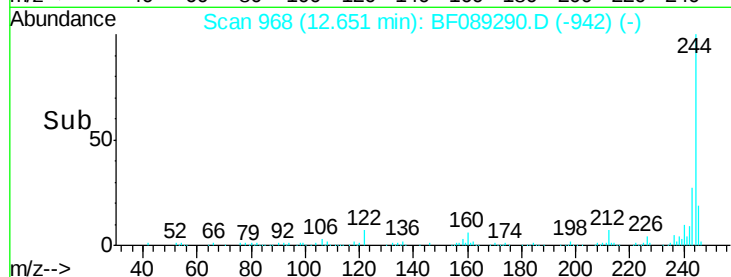
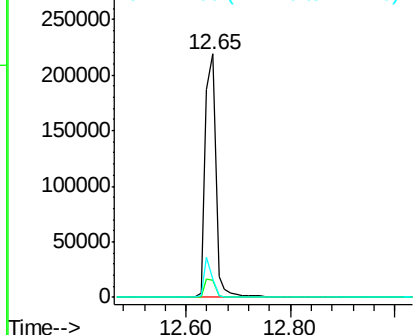
#78
 Terphenyl-d14
 Concen: 68.46 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

Instrument :
 BNA_F
 ClientSampleId :
 B1-N

Tgt Ion:244 Resp: 311910
 Ion Ratio Lower Upper
 244 100
 212 6.7 7.0 10.4#
 122 7.5 13.8 20.8#

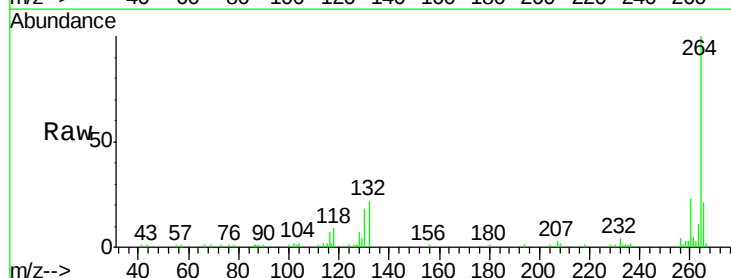


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089290.D
 Acq: 25 Jul 2016 21:43

Tgt Ion:264 Resp: 81301
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.2 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

