

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089226.D
 Acq On : 23 Jul 2016 9:24
 Operator : UM/SJ
 Sample : H4073-04RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-04RE

Quant Time: Jul 25 01:05:55 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

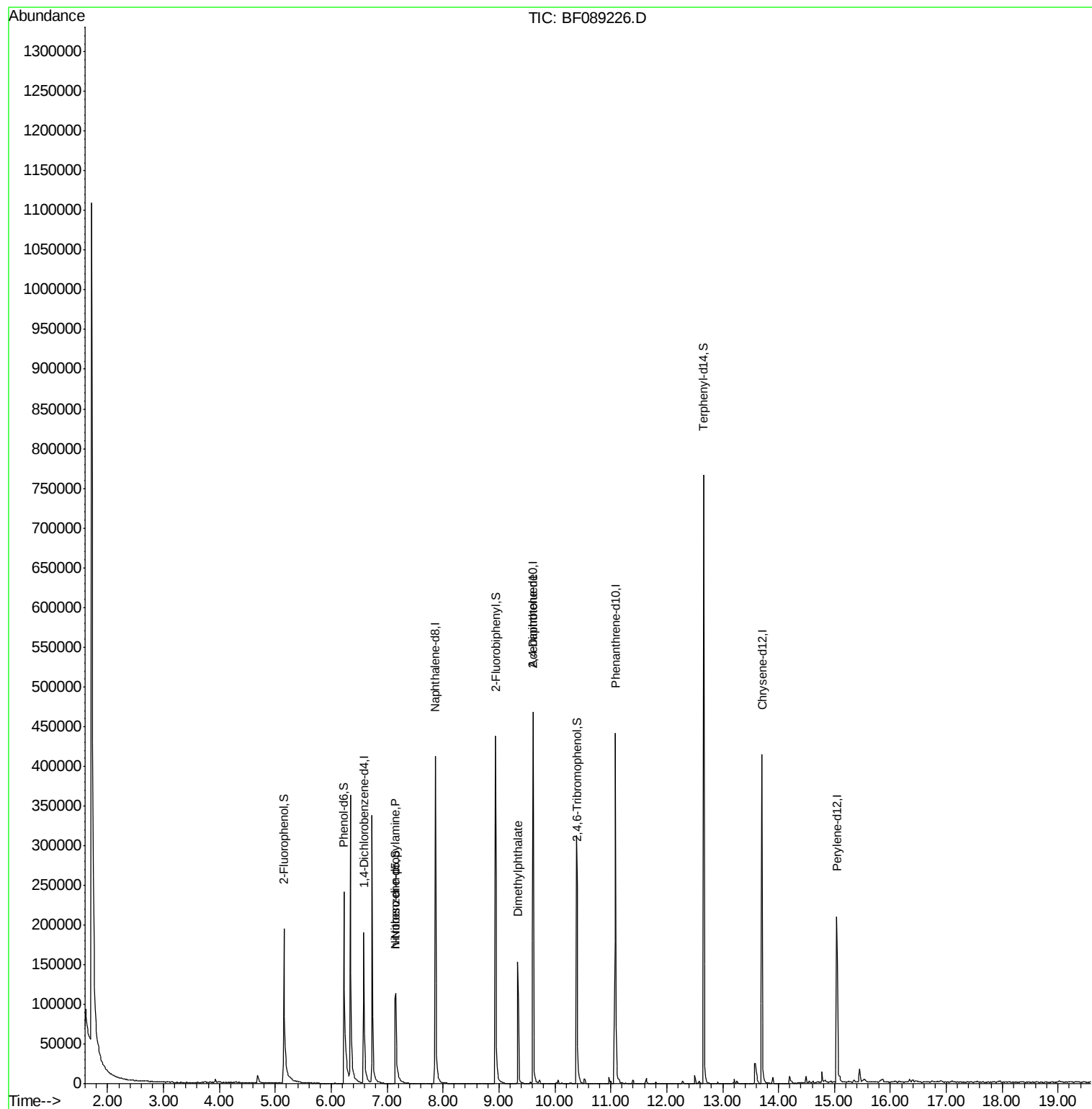
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	50499	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	235701	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	110901	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	212752	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	157615	20.00	ng	-0.02
86) Perylene-d12	15.04	264	109514	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	110082	33.15	ng	-0.03
7) Phenol-d6	6.23	99	154518	36.09	ng	-0.05
23) Nitrobenzene-d5	7.15	82	94110	21.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	47730	47.80	ng	-0.02
44) 2-Fluorobiphenyl	8.94	172	200795	24.95	ng	-0.03
78) Terphenyl-d14	12.66	244	237782	32.72	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	11811	4.22	ng	# 79
49) Dimethylphthalate	9.34	163	96162	11.30	ng	98
56) 2,4-Dinitrotoluene	9.61	165	13798	5.58	ng	# 10

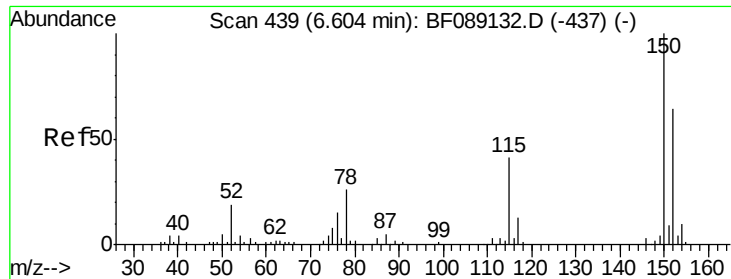
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089226.D
Acq On : 23 Jul 2016 9:24
Operator : UM/SJ
Sample : H4073-04RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-04RE

Quant Time: Jul 25 01:05:55 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

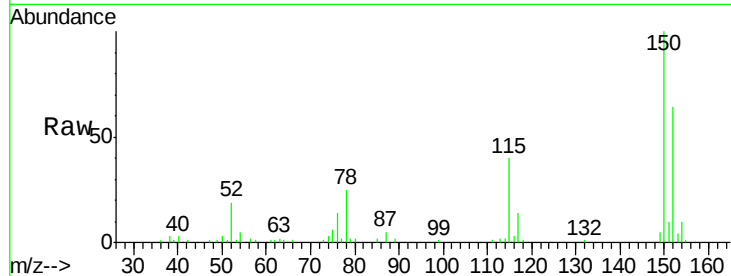




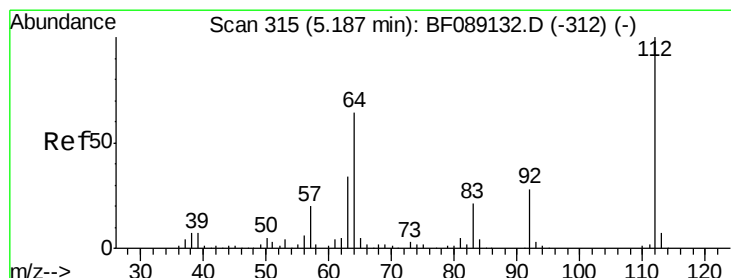
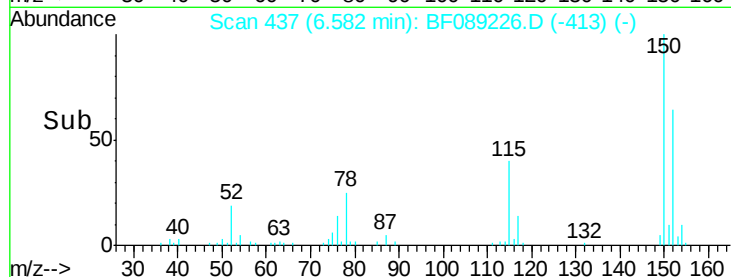
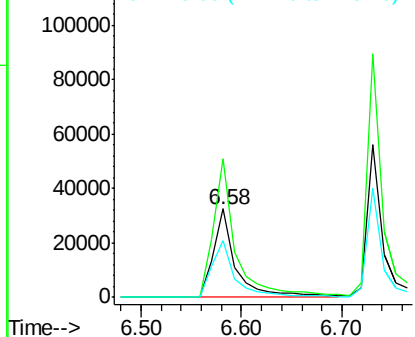
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089226.D
 Acq: 23 Jul 2016 9:24

Instrument :
 BNA_F
 ClientSampleId :
 TS-04RE

Tgt Ion:152 Resp: 50499
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.1 187.7
 115 63.5 51.1 76.7

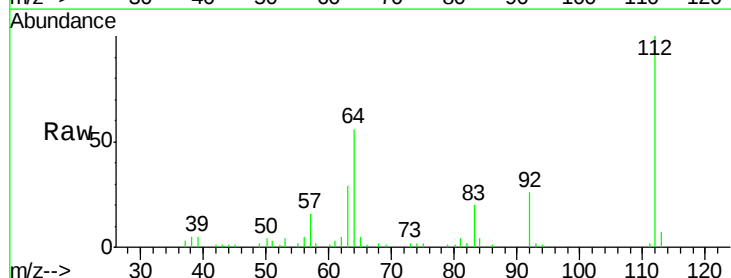


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

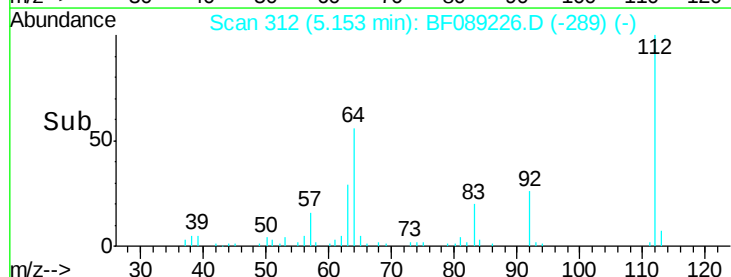
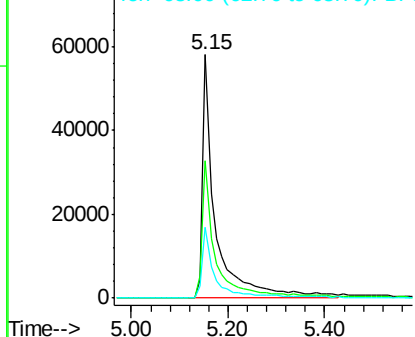


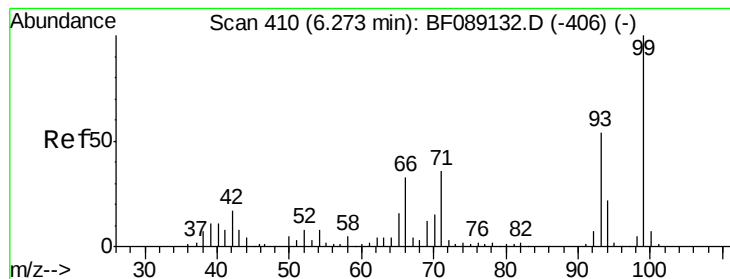
#5
 2-Fluorophenol
 Concen: 33.15 ng
 RT: 5.15 min Scan# 312
 Delta R.T. -0.03 min
 Lab File: BF089226.D
 Acq: 23 Jul 2016 9:24

Tgt Ion:112 Resp: 110082
 Ion Ratio Lower Upper
 112 100
 64 56.5 51.0 76.4
 63 28.8 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: 36.09 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF089226.D

Acq: 23 Jul 2016 9:24

Instrument :

BNA_F

ClientSampleId :

TS-04RE

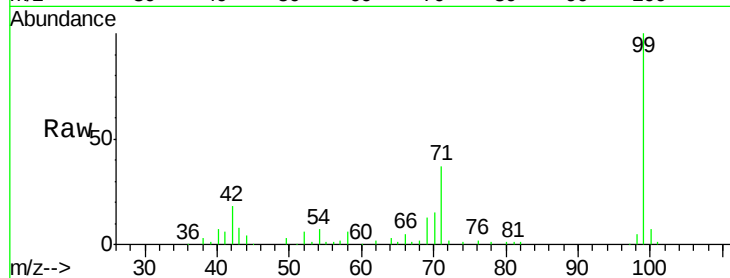
Tgt Ion: 99 Resp: 154518

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

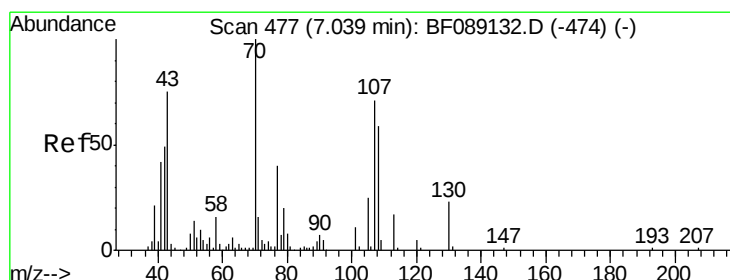
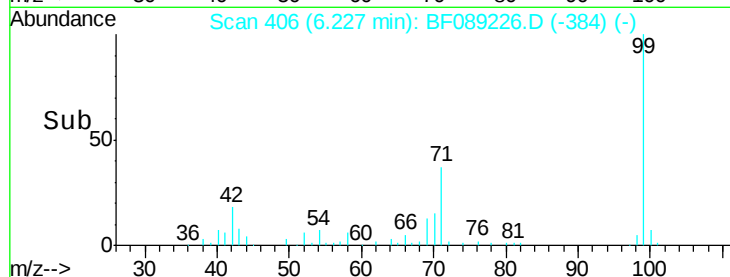
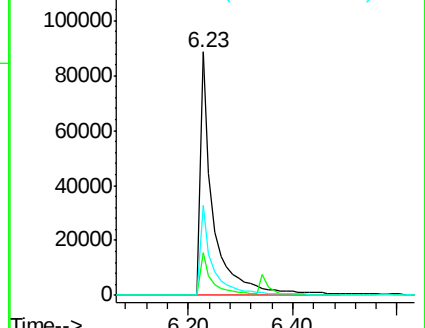
71 37.2 28.9 43.3



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: 4.22 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089226.D

Acq: 23 Jul 2016 9:24

Tgt Ion: 70 Resp: 11811

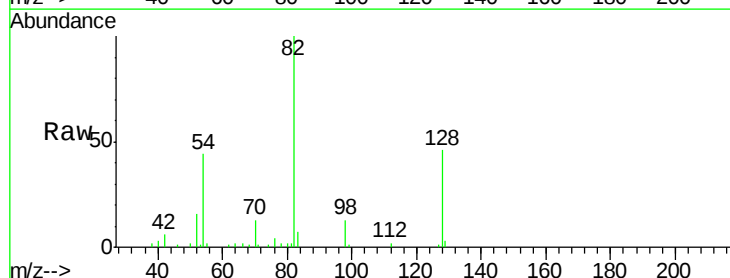
Ion Ratio Lower Upper

70 100

42 44.6 39.2 58.8

101 0.0 8.5 12.7#

130 0.0 18.4 27.6#

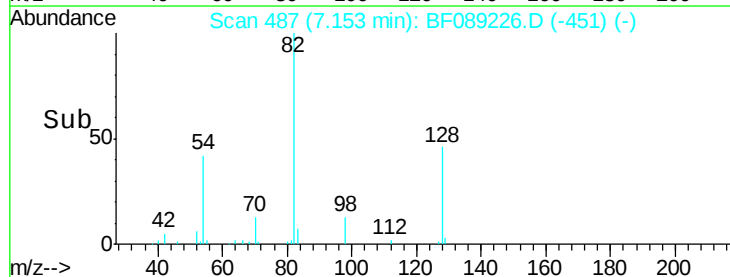
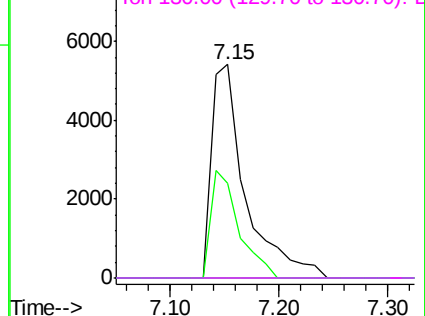


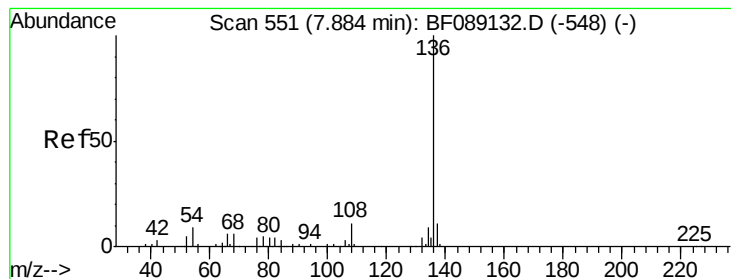
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089226.D

Acq: 23 Jul 2016 9:24

Instrument :

BNA_F

ClientSampleId :

TS-04RE

Tgt Ion: 136 Resp: 235701

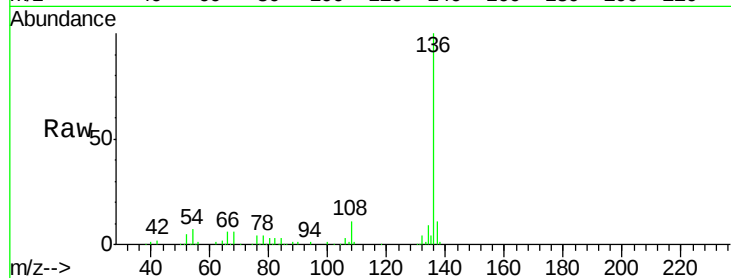
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.4 7.0 10.4

68 5.9 5.0 7.6

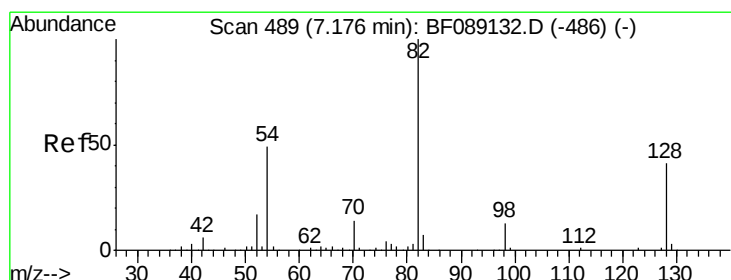
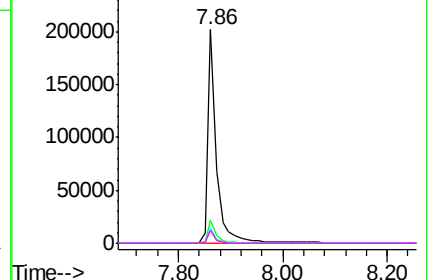
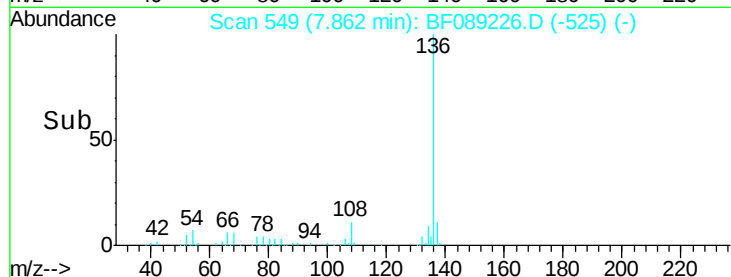


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.22 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089226.D

Acq: 23 Jul 2016 9:24

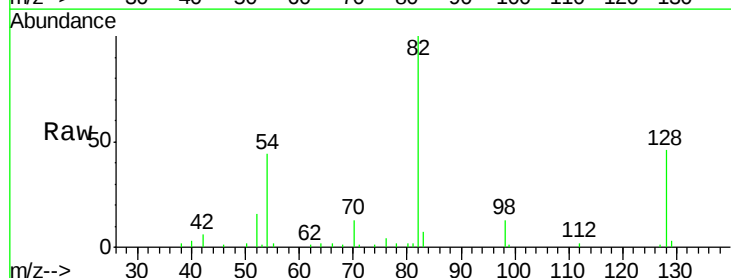
Tgt Ion: 82 Resp: 94110

Ion Ratio Lower Upper

82 100

128 45.8 33.0 49.6

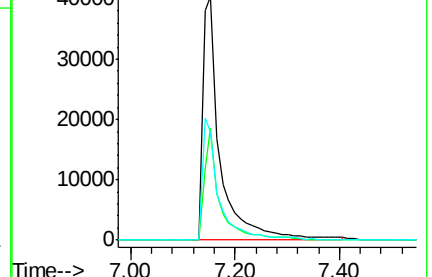
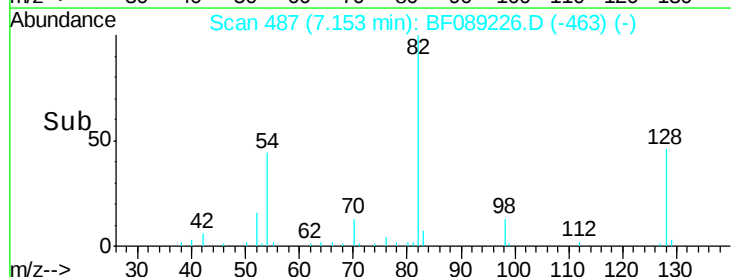
54 44.2 39.0 58.4

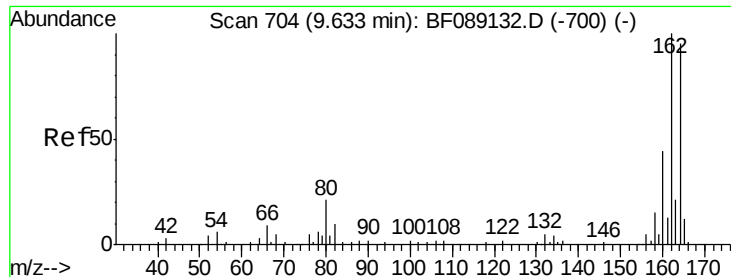


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

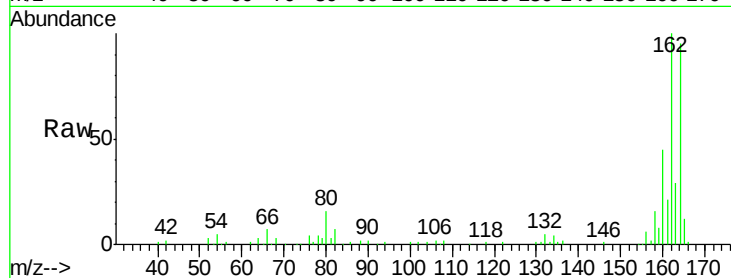




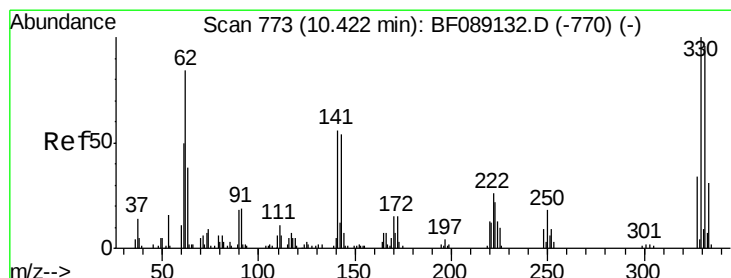
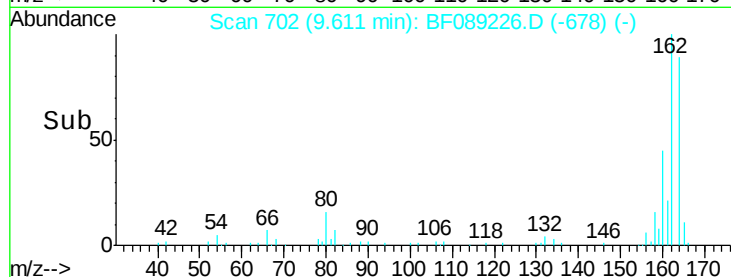
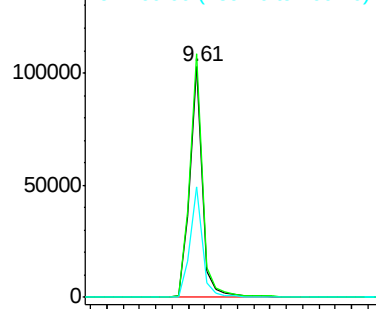
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089226.D
Acq: 23 Jul 2016 9:24

Instrument :
BNA_F
ClientSampleId :
TS-04RE

Tgt Ion:164 Resp: 110901
Ion Ratio Lower Upper
164 100
162 105.6 84.1 126.1
160 47.7 37.1 55.7

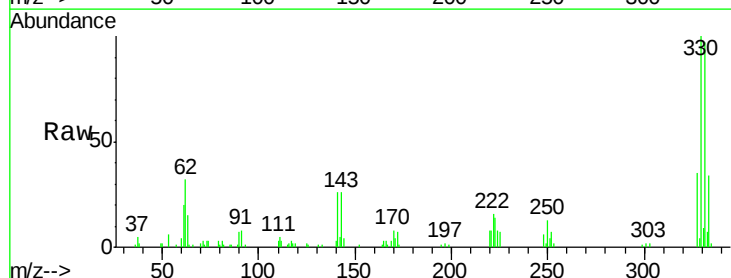


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

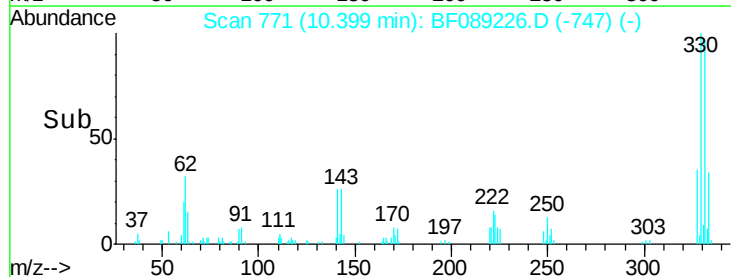
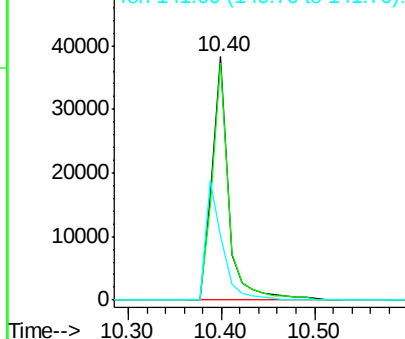


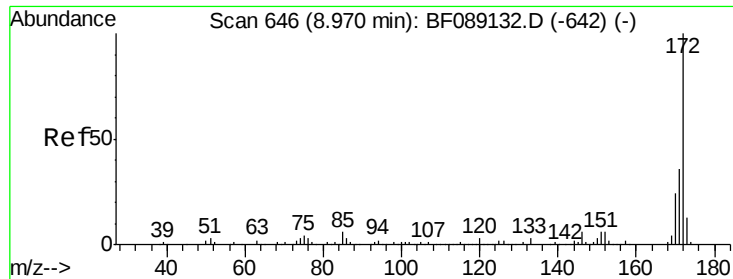
#41
2,4,6-Tribromophenol
Concen: 47.80 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089226.D
Acq: 23 Jul 2016 9:24

Tgt Ion:330 Resp: 47730
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 49.0 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

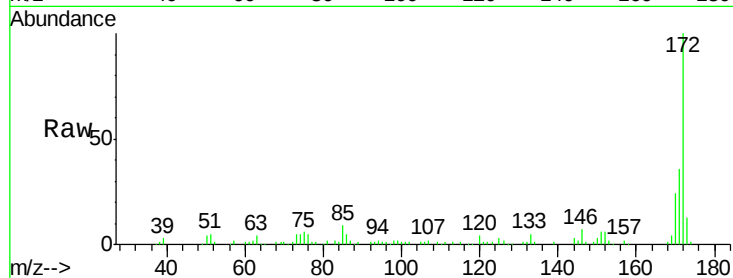




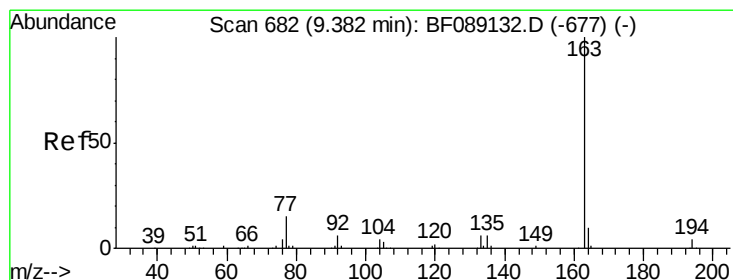
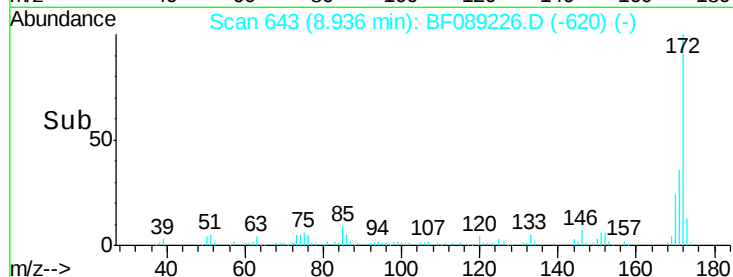
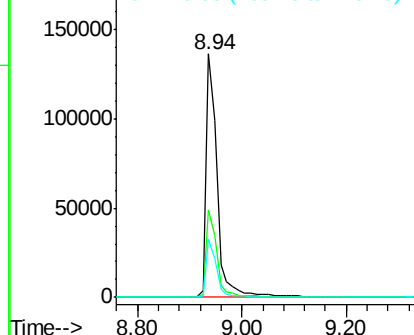
#44
2-Fluorobiphenyl
Concen: 24.95 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF089226.D
Acq: 23 Jul 2016 9:24

Instrument :
BNA_F
ClientSampleId :
TS-04RE

Tgt Ion:172 Resp: 200795
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.7 19.1 28.7

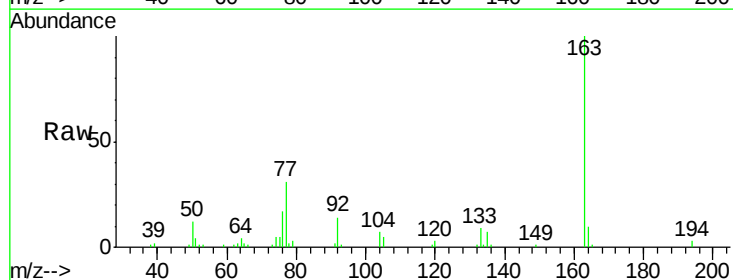


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

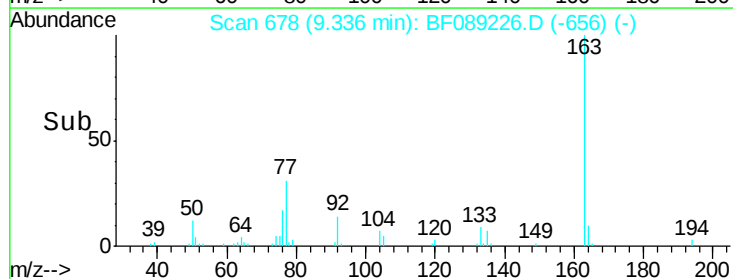
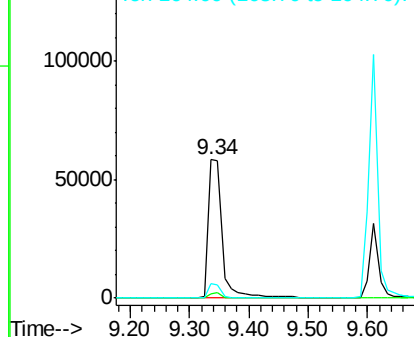


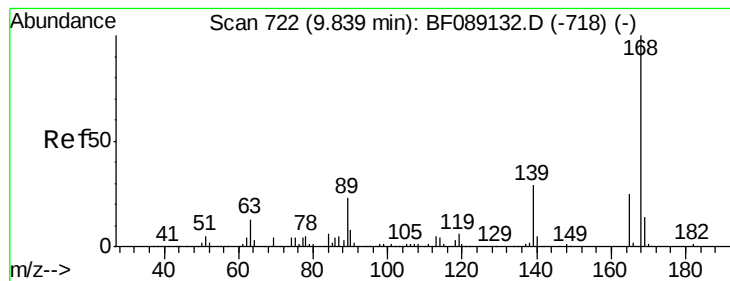
#49
Dimethylphthalate
Concen: 11.30 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF089226.D
Acq: 23 Jul 2016 9:24

Tgt Ion:163 Resp: 96162
Ion Ratio Lower Upper
163 100
194 2.9 2.9 4.3
164 10.4 7.6 11.4



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: 5.58 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.23 min

Lab File: BF089226.D

Acq: 23 Jul 2016 9:24

Instrument :

BNA_F

ClientSampleId :

TS-04RE

Tgt Ion:165 Resp: 13798

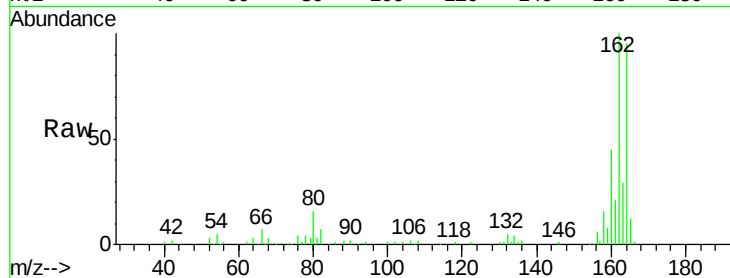
Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

182 0.0 2.0 3.0#

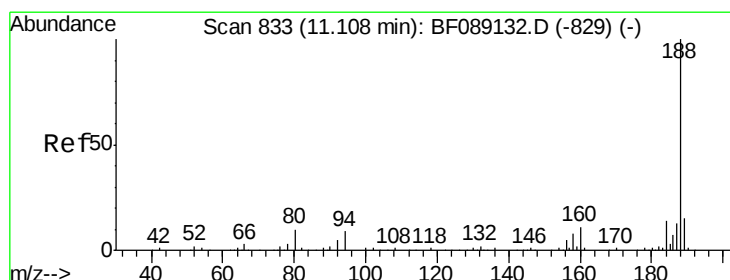
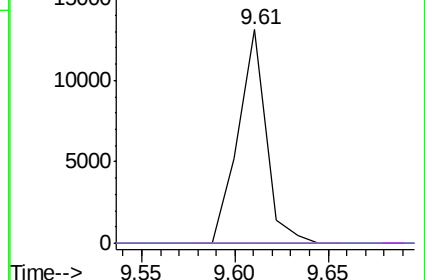
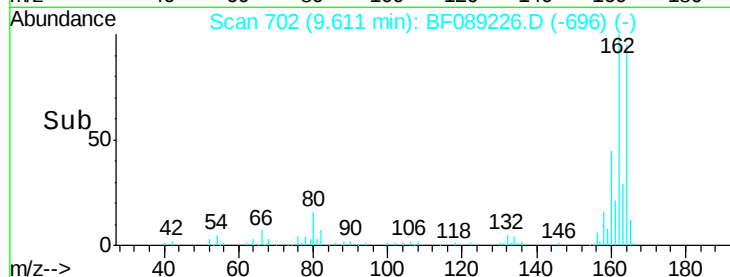


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.09 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF089226.D

Acq: 23 Jul 2016 9:24

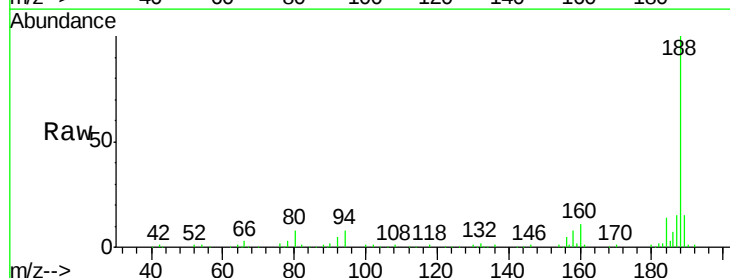
Tgt Ion:188 Resp: 212752

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.4

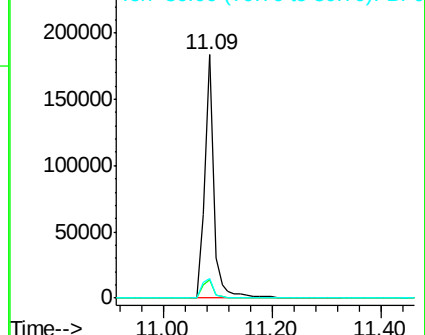
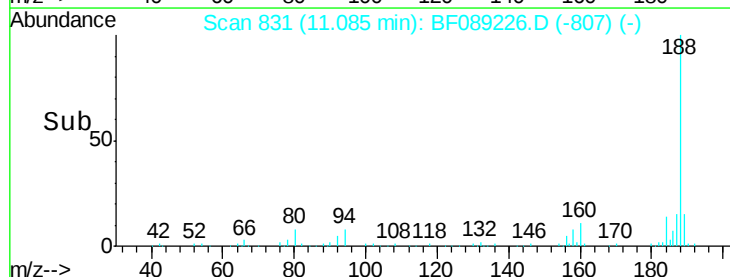
80 8.3 7.7 11.5

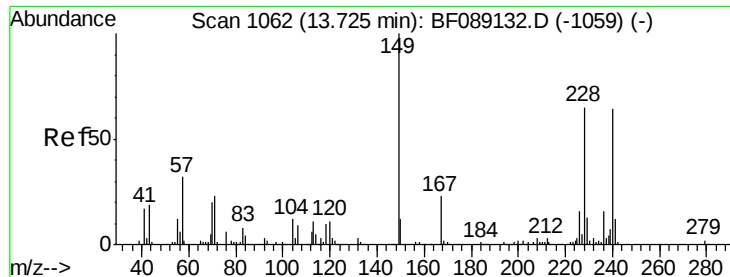


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089226.D

Acq: 23 Jul 2016 9:24

Instrument :

BNA_F

ClientSampleId :

TS-04RE

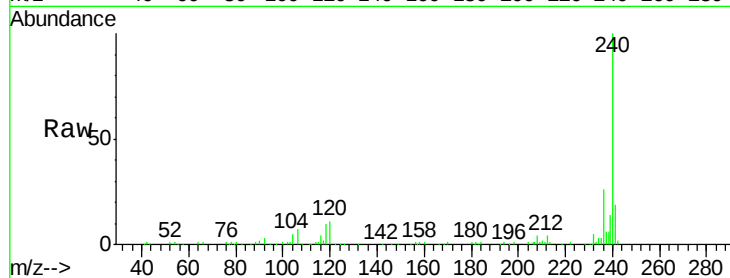
Tgt Ion:240 Resp: 157615

Ion Ratio Lower Upper

240 100

120 10.8 13.6 20.4#

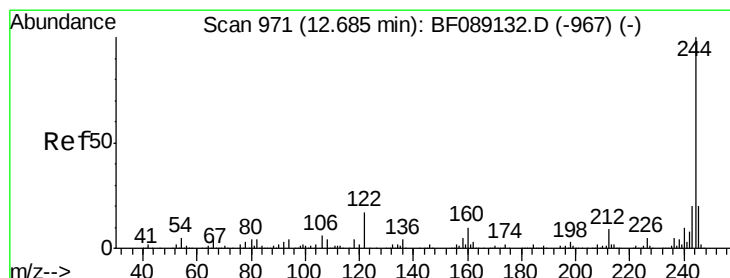
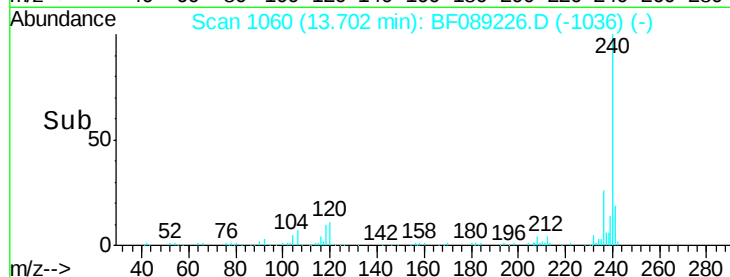
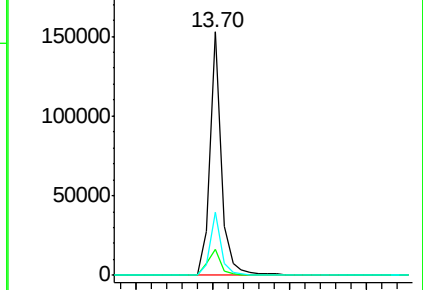
236 25.7 20.5 30.7



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: 32.72 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF089226.D

Acq: 23 Jul 2016 9:24

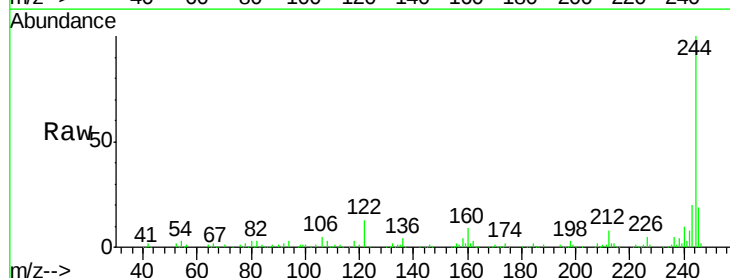
Tgt Ion:244 Resp: 237782

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

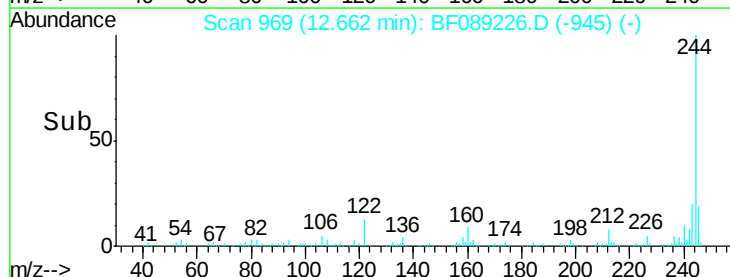
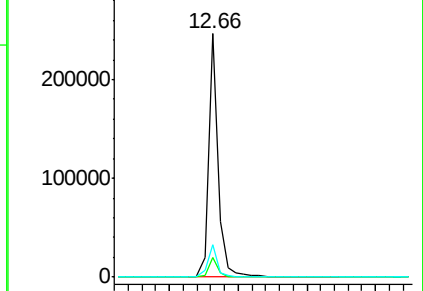
122 13.4 13.8 20.8#

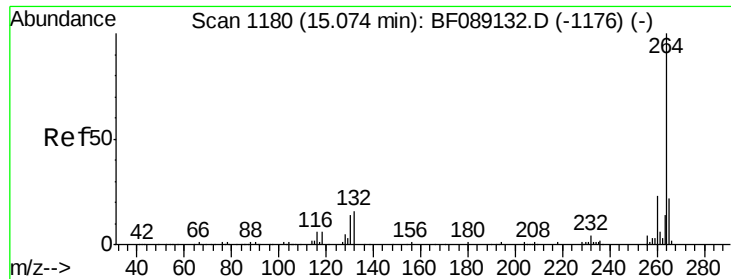


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

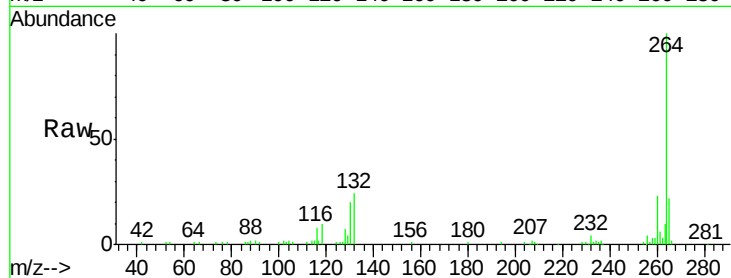




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BF089226.D
Acq: 23 Jul 2016 9:24

Instrument :
BNA_F
ClientSampleId :
TS-04RE

Tgt Ion: 264 Resp: 109514
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 21.9 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

