

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090216\
 Data File : BF089973.D
 Acq On : 2 Sep 2016 13:28
 Operator : UM/SJ
 Sample : PB93205BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 16:33:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

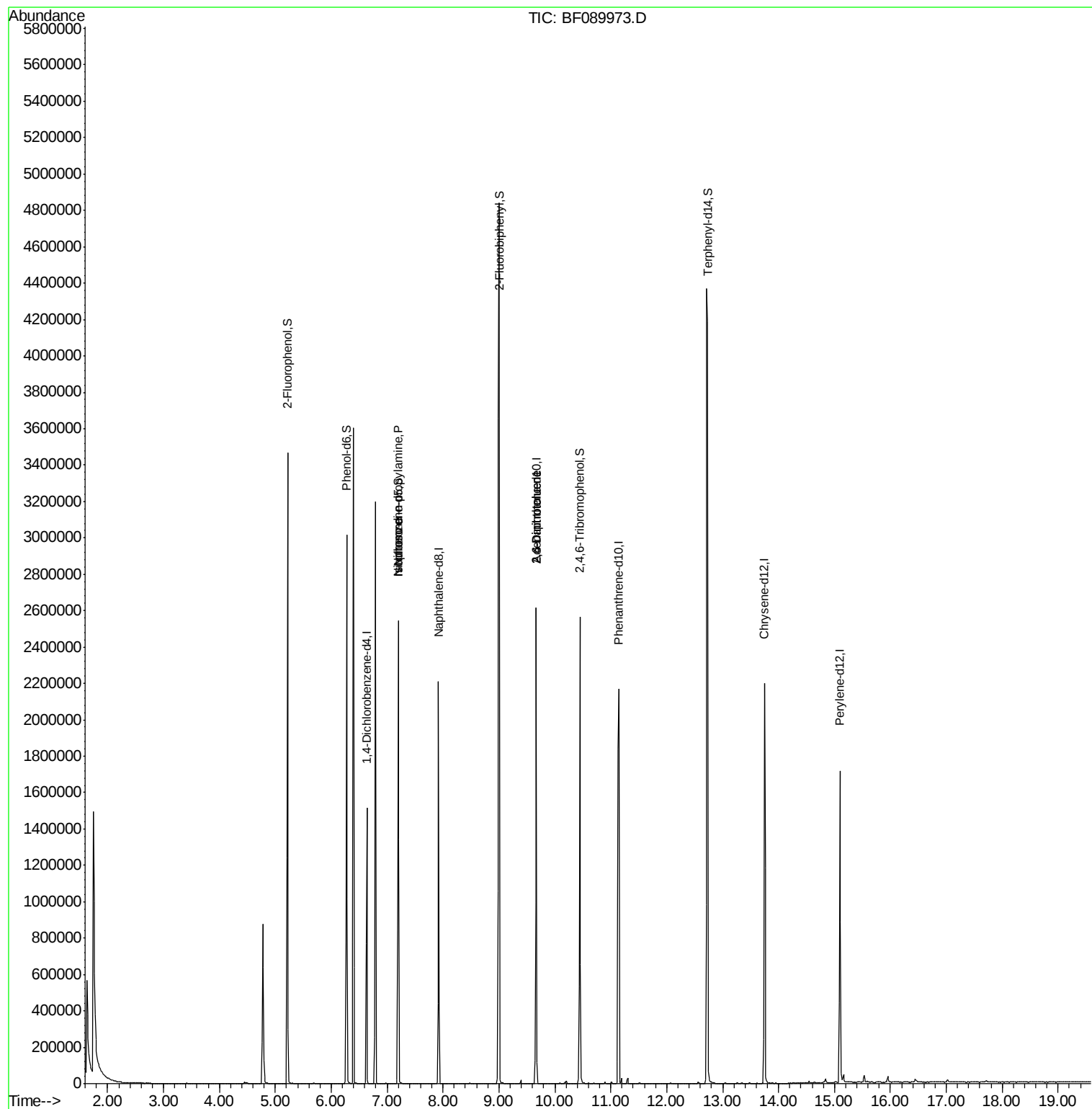
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	268607	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	1042758	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	598528	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	1204966	20.00	ng	0.00
75) Chrysene-d12	13.75	240	959654	20.00	ng	-0.01
86) Perylene-d12	15.10	264	801901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	982950	58.57	ng	0.01
7) Phenol-d6	6.27	99	1185887	58.16	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1074527	59.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	340215	57.62	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2291515	62.85	ng	0.00
78) Terphenyl-d14	12.73	244	2337191	60.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	142231	10.70	ng	# 84
25) Isophorone	7.20	82	876676	23.98	ng	# 65
50) 2,6-Dinitrotoluene	9.67	165	77942	8.10	ng	# 26
56) 2,4-Dinitrotoluene	9.67	165	77942	6.39	ng	# 29

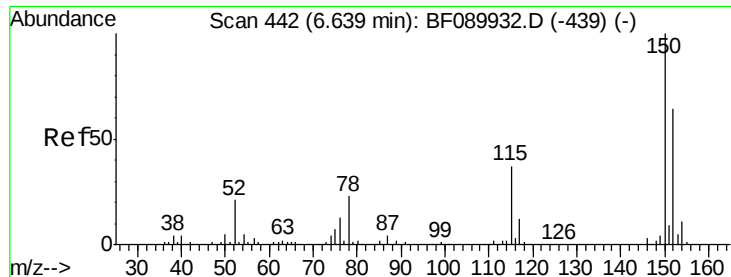
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090216\
Data File : BF089973.D
Acq On : 2 Sep 2016 13:28
Operator : UM/SJ
Sample : PB93205BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 02 16:33:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration



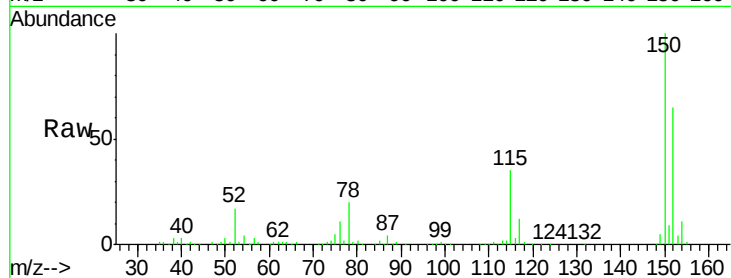


#1

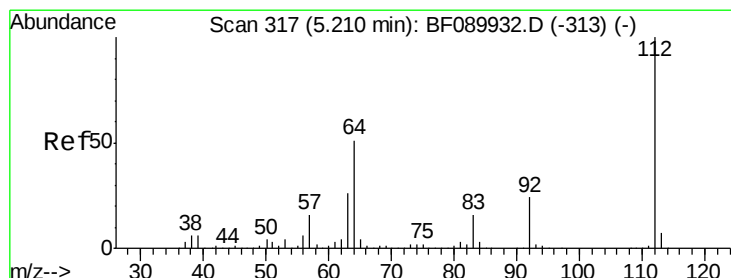
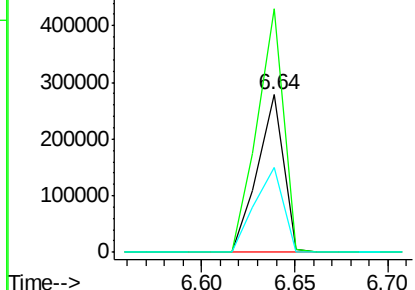
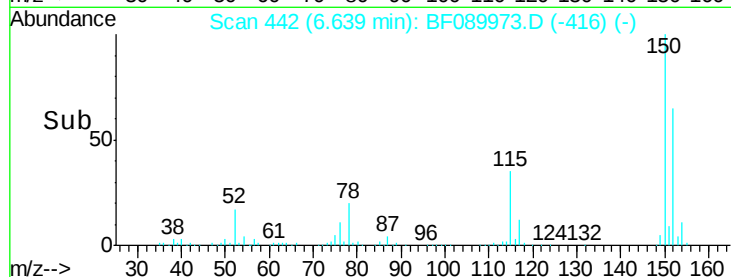
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089973.D
Acq: 2 Sep 2016 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 268607
Ion Ratio Lower Upper
152 100
150 154.6 127.4 191.2
115 53.9 46.3 69.5



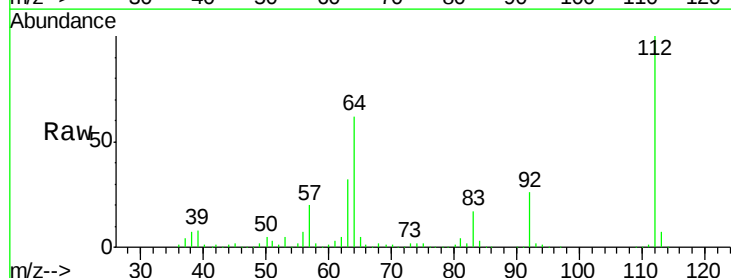
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



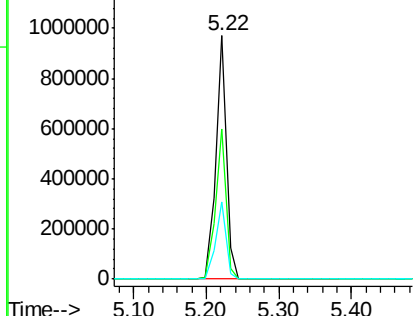
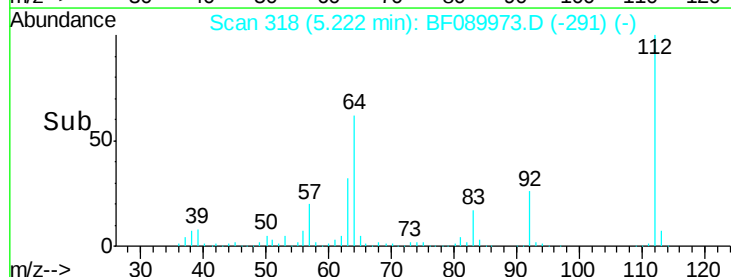
#5

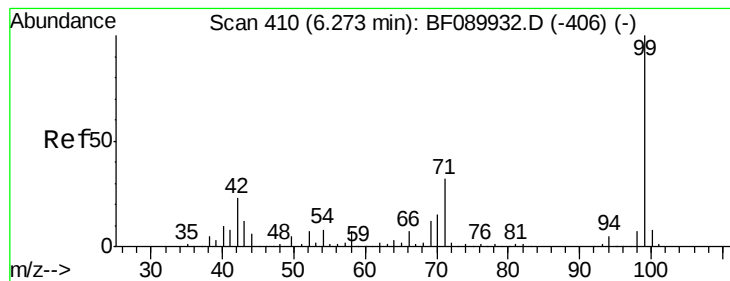
2-Fluorophenol
Concen: 58.57 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.01 min
Lab File: BF089973.D
Acq: 2 Sep 2016 13:28

Tgt Ion:112 Resp: 982950
Ion Ratio Lower Upper
112 100
64 61.5 41.1 61.7
63 31.8 21.2 31.8#



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: 58.16 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

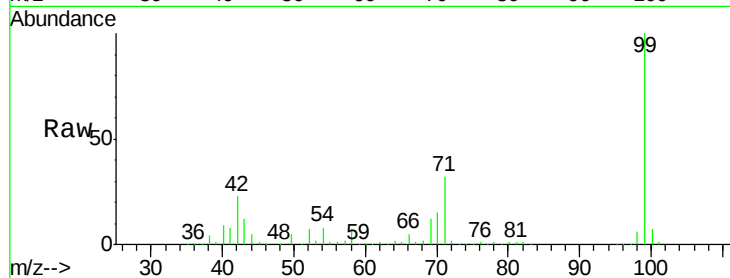
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1185887

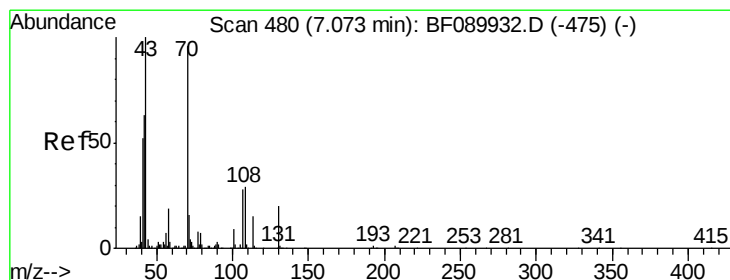
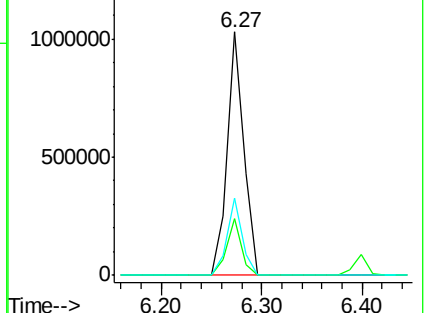
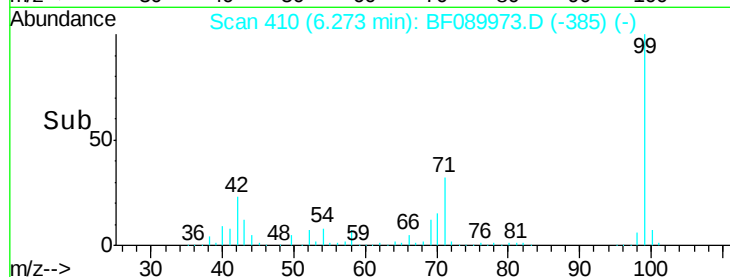
Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.6	27.8
71	31.9	25.8	38.6



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: 10.70 ng

RT: 7.20 min Scan# 491

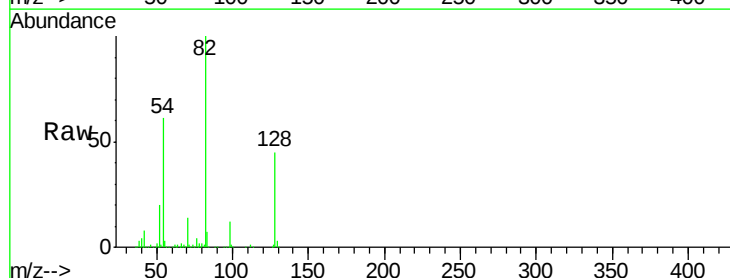
Delta R.T. 0.13 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

Tgt Ion: 70 Resp: 142231

Ion	Ratio	Lower	Upper
70	100		
42	59.3	52.1	78.1
101	0.0	7.4	11.2#
130	2.4	17.0	25.4#

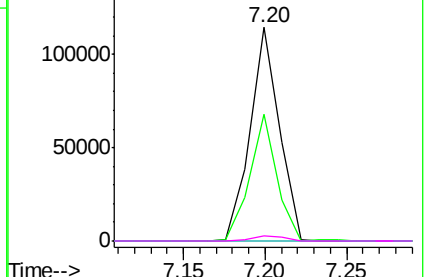
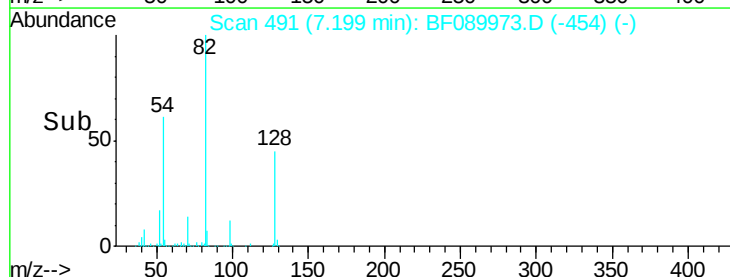


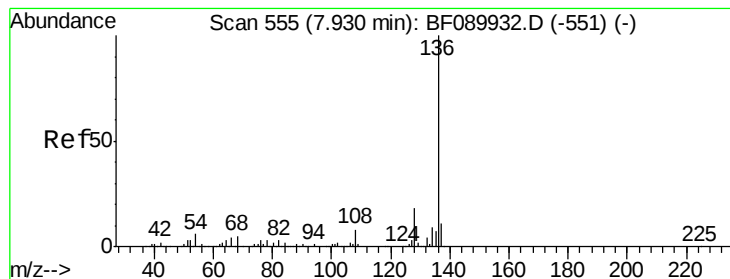
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1042758

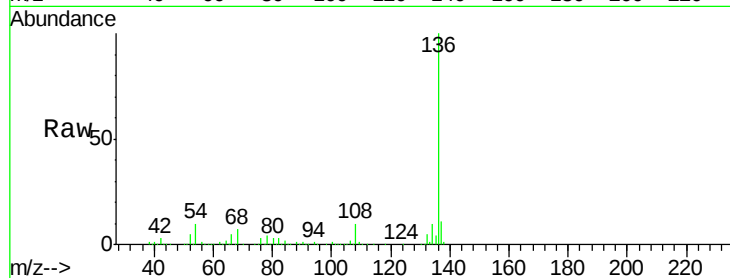
Ion Ratio Lower Upper

136 100

137 11.2 8.3 12.5

54 9.9 4.8 7.2#

68 6.7 3.7 5.5#

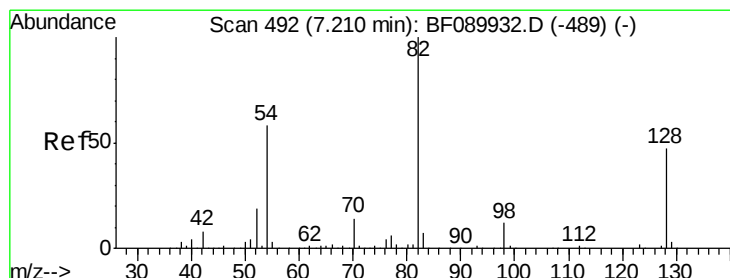
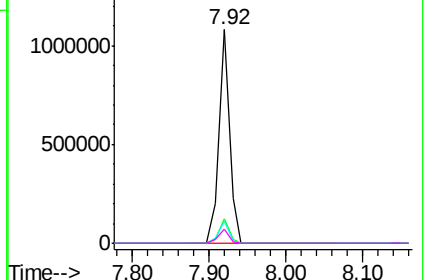
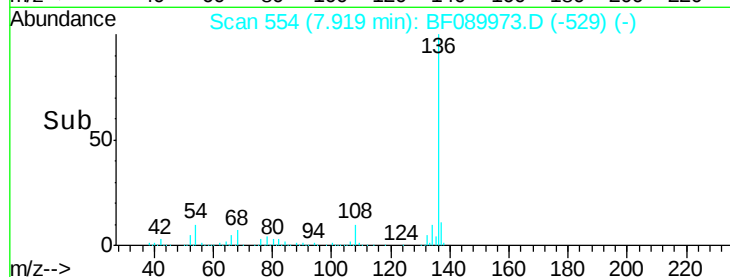


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.76 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

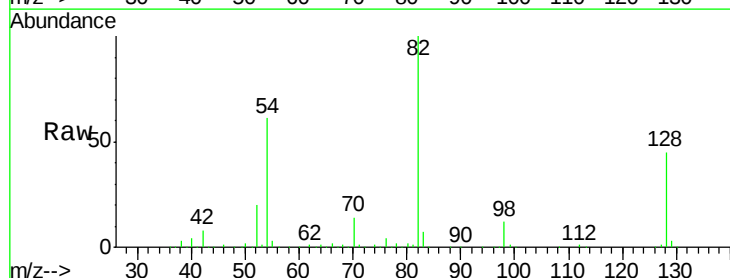
Tgt Ion: 82 Resp: 1074527

Ion Ratio Lower Upper

82 100

128 44.8 37.8 56.8

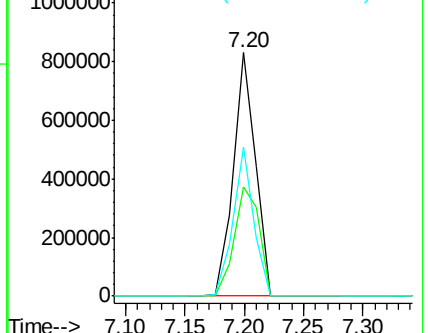
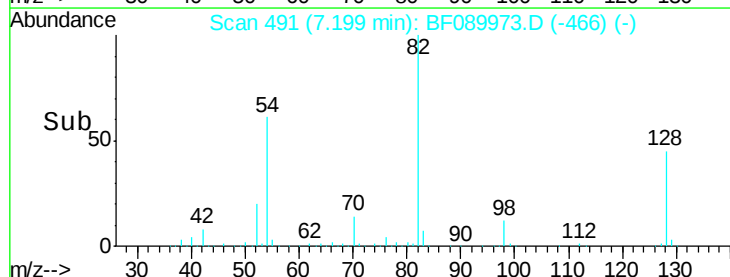
54 61.2 46.9 70.3

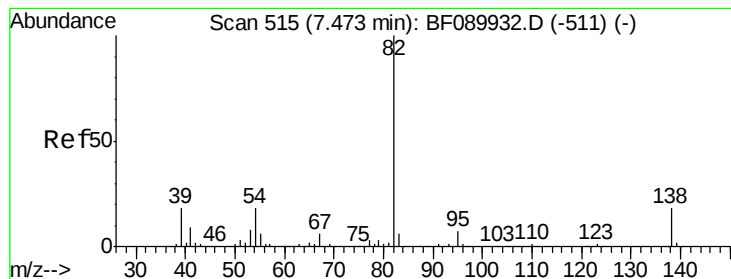


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 23.98 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.27 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

Instrument :

BNA_F

ClientSampleId :

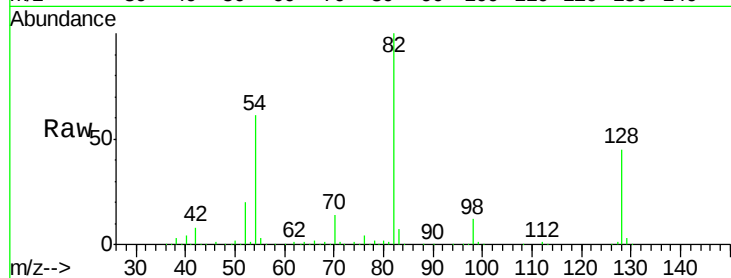
Tot Ion: 82 Resp: 876676

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 14.4 21.6#

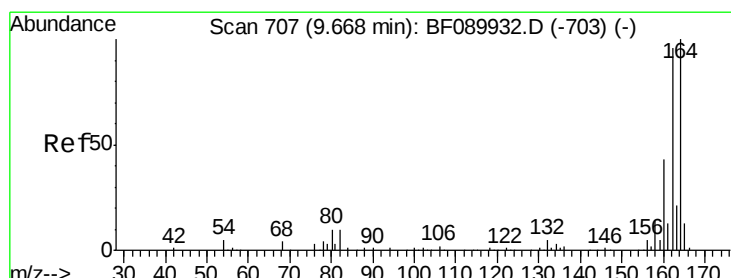
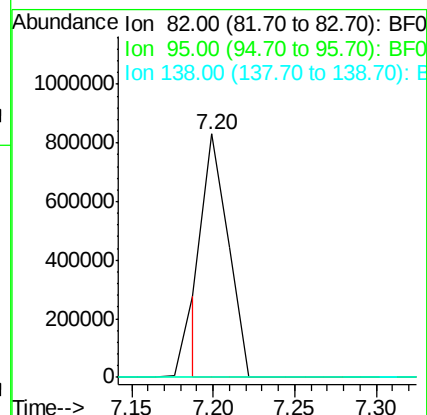
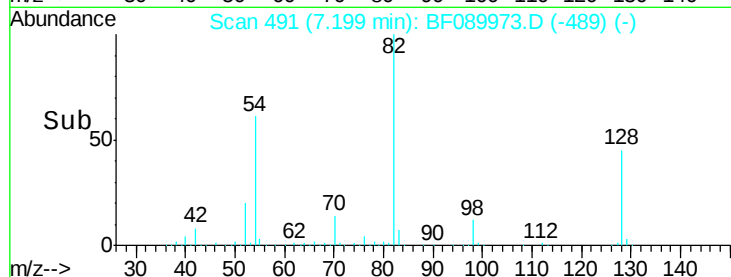


Abundance Ion 82.00 (81.70 to 82.70): BF089973.D (-491) (-)

Ion 95.00 (94.70 to 95.70): BF089973.D (-491) (-)

Ion 138.00 (137.70 to 138.70): BF089973.D (-491) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

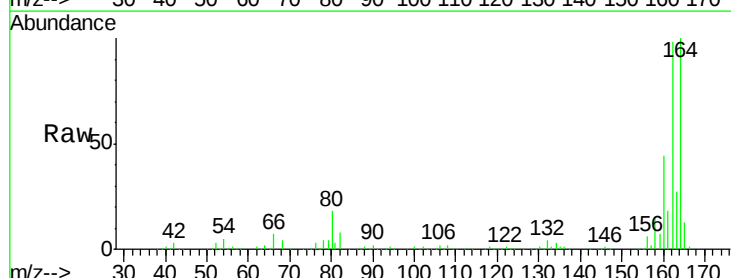
Tgt Ion: 164 Resp: 598528

Ion Ratio Lower Upper

164 100

162 98.1 77.1 115.7

160 44.4 35.3 52.9

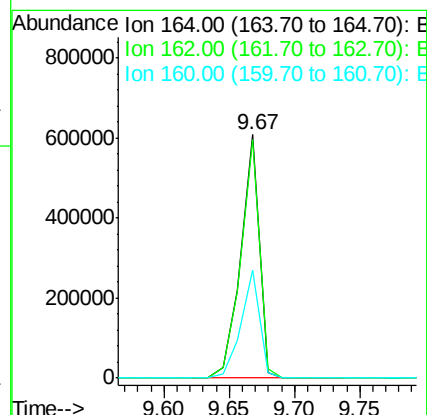
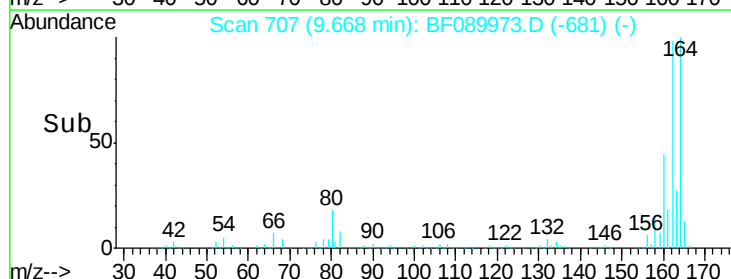


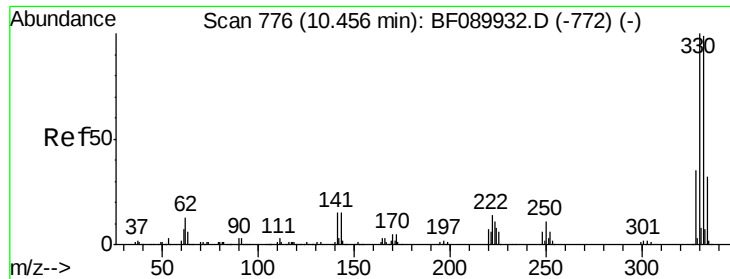
Abundance Ion 164.00 (163.70 to 164.70): BF089973.D (-681) (-)

Ion 162.00 (161.70 to 162.70): BF089973.D (-681) (-)

Ion 160.00 (159.70 to 160.70): BF089973.D (-681) (-)

Time-->

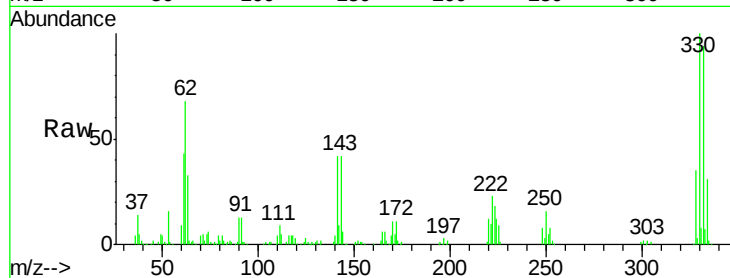




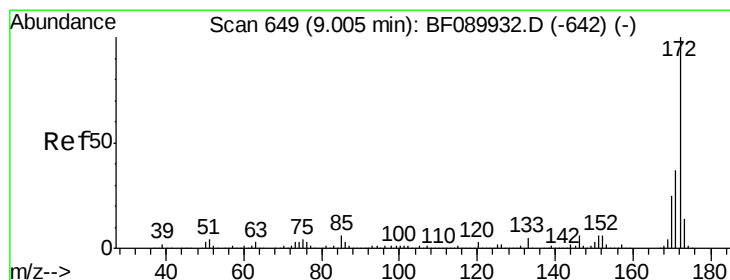
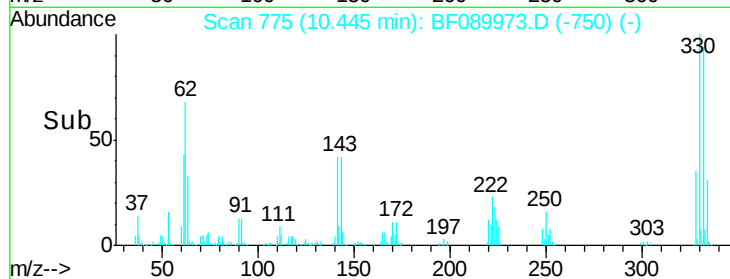
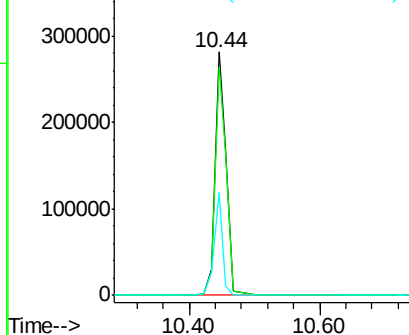
#41
 2,4,6-Tribromophenol
 Concen: 57.62 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089973.D
 Acq: 2 Sep 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.6	117.8
141	32.3	23.3	34.9

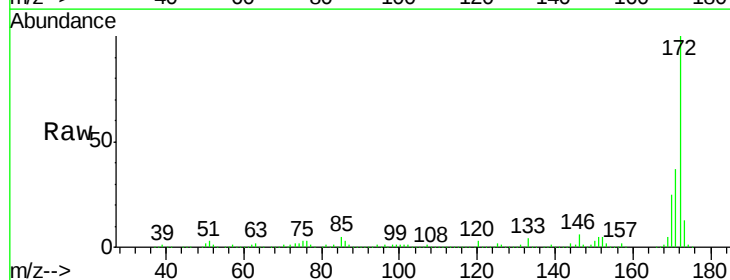


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

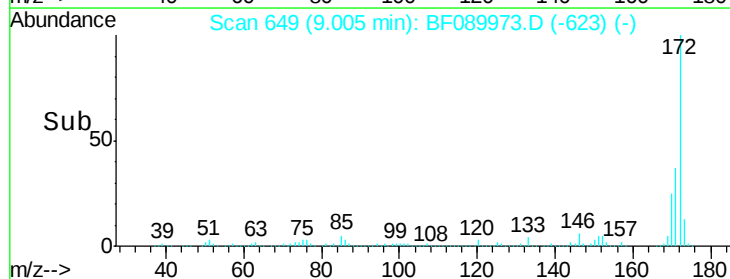
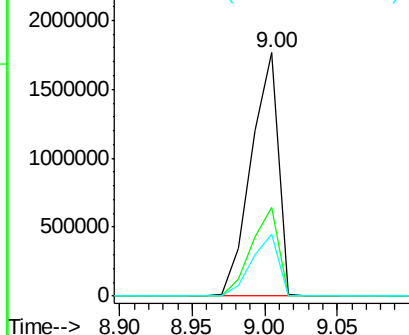


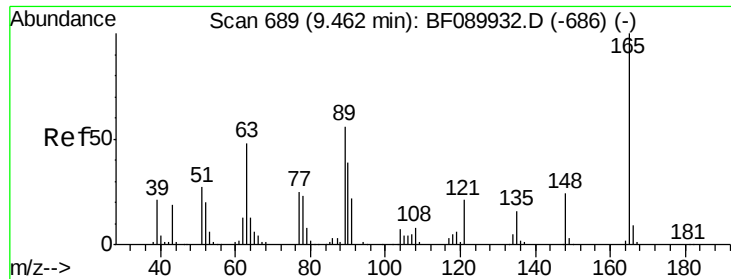
#44
 2-Fluorobiphenyl
 Concen: 62.85 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089973.D
 Acq: 2 Sep 2016 13:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	25.4	20.1	30.1



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

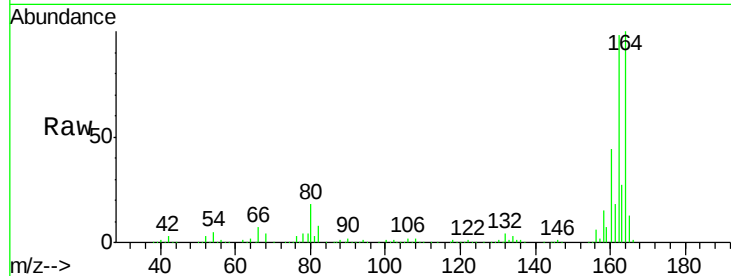




#50
 2,6-Dinitrotoluene
 Concen: 8.10 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.21 min
 Lab File: BF089973.D
 Acq: 2 Sep 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :

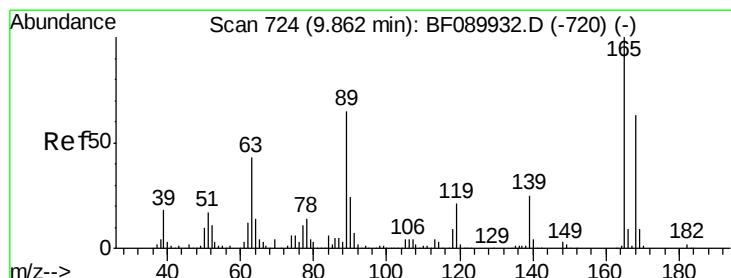
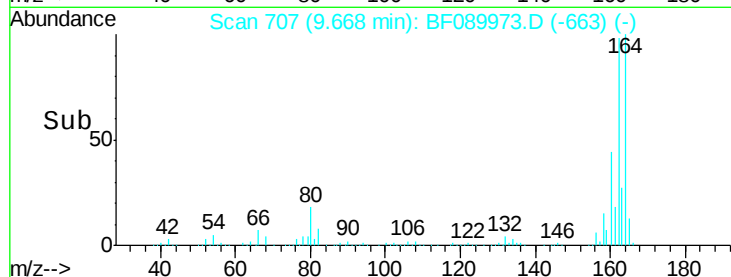
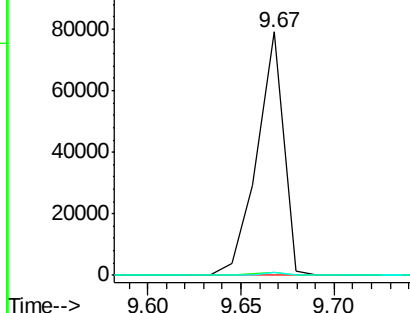
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	45.0	67.4#
89	1.3	41.5	62.3#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.39 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.19 min
 Lab File: BF089973.D
 Acq: 2 Sep 2016 13:28

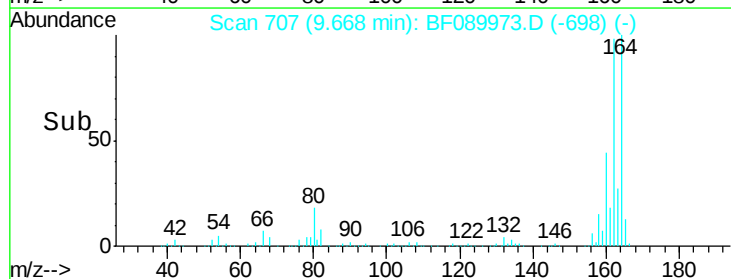
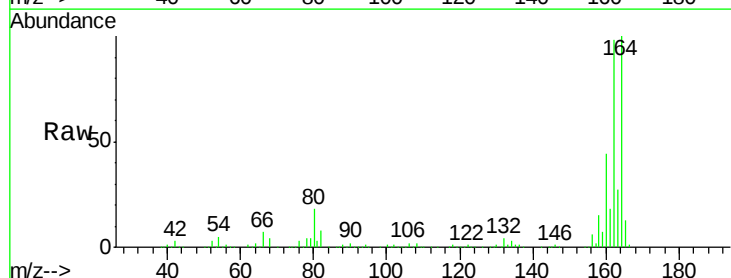
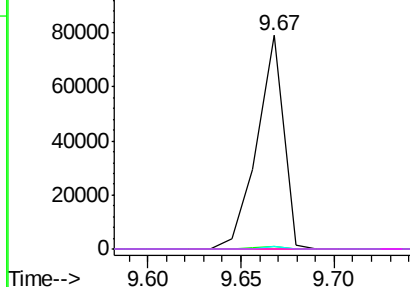
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.5	48.7#
89	1.3	48.3	72.5#
182	0.0	1.7	2.5#

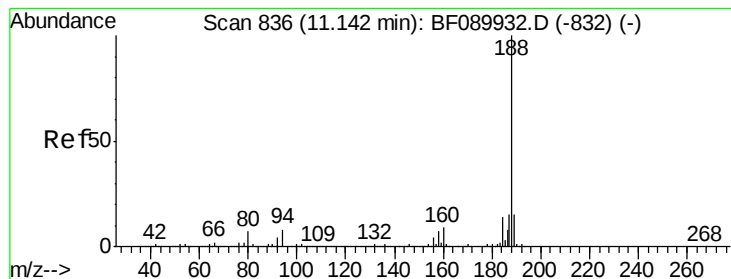
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

Instrument :

BNA_F

ClientSampleId :

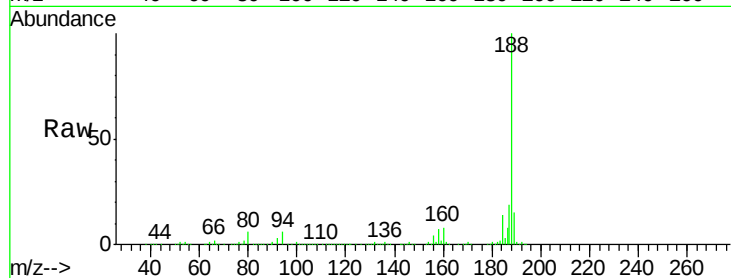
Tot Ion:188 Resp: 1204966

Ion Ratio Lower Upper

188 100

94 6.1 5.9 8.9

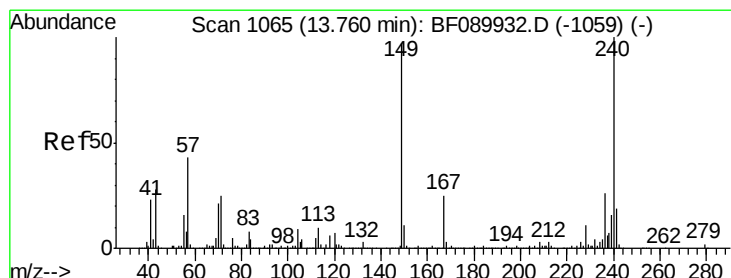
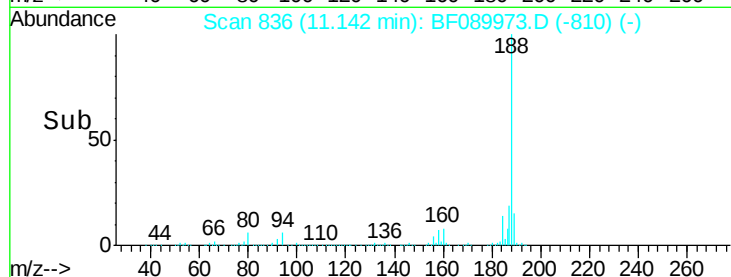
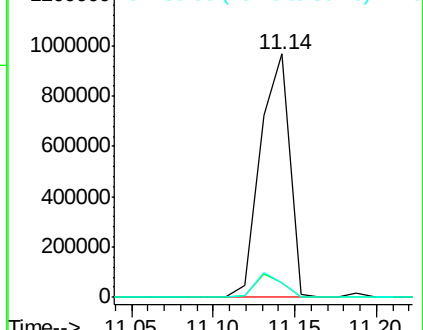
80 5.7 5.8 8.8#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089973.D

Acq: 2 Sep 2016 13:28

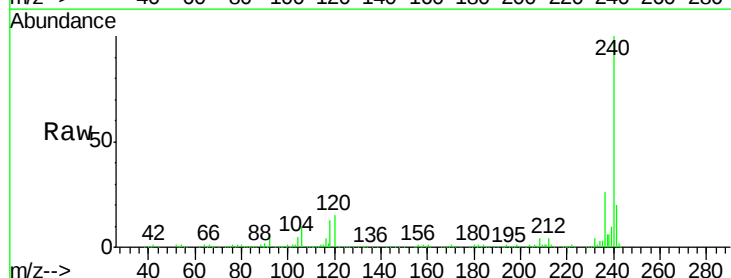
Tgt Ion:240 Resp: 959654

Ion Ratio Lower Upper

240 100

120 14.7 5.7 8.5#

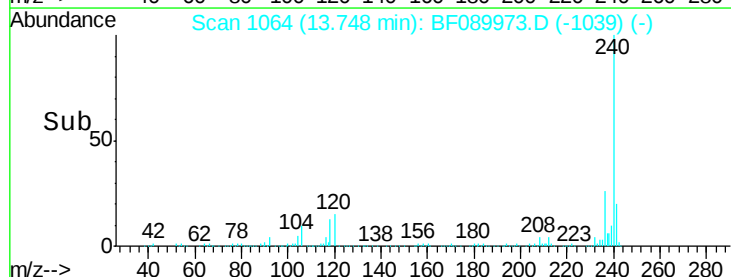
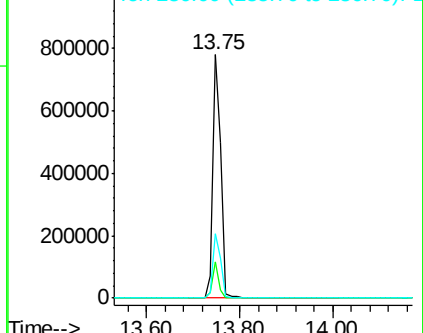
236 26.3 21.3 31.9

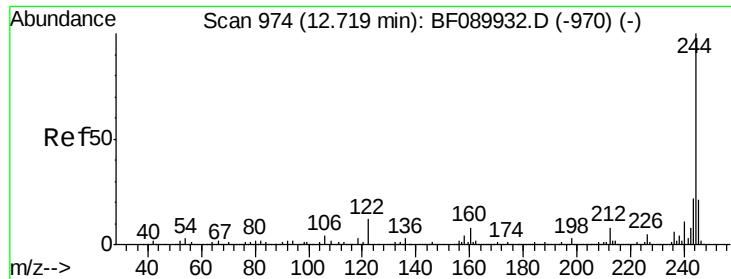


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

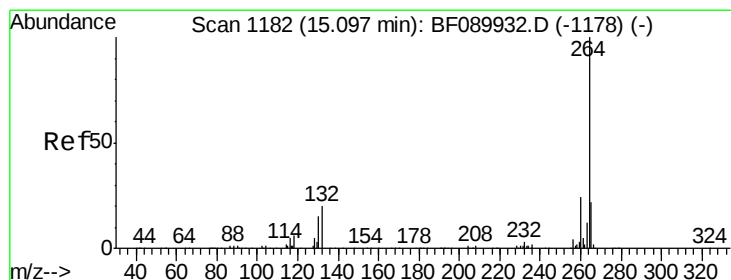
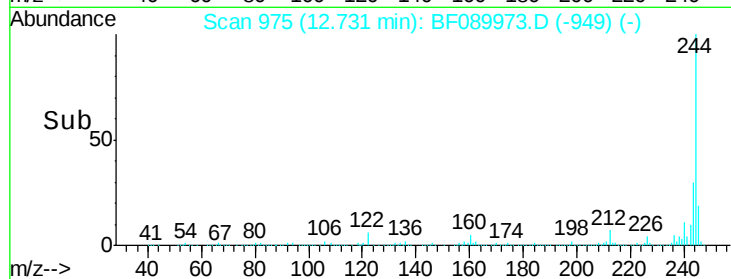
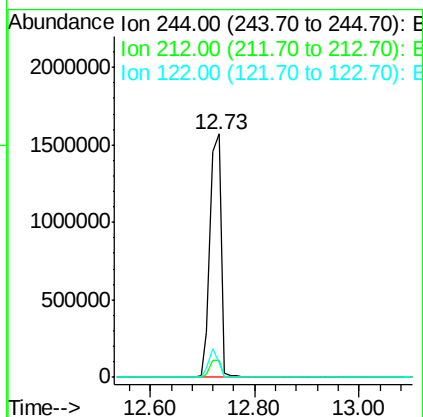
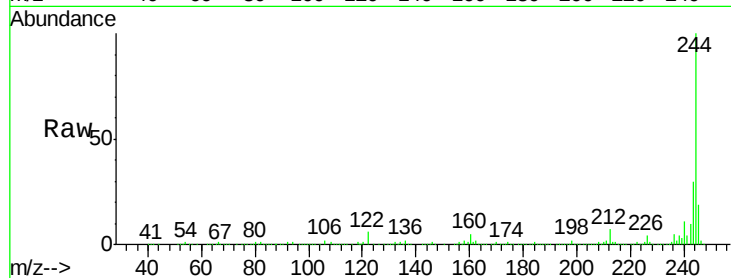




#78
 Terphenyl-d14
 Concen: 60.16 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF089973.D
 Acq: 2 Sep 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2337191
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 6.2 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089973.D
 Acq: 2 Sep 2016 13:28

Tgt Ion:264 Resp: 801901
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.0
 265 21.9 17.4 26.2

