

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089177.D
 Acq On : 21 Jul 2016 13:43
 Operator : UM/SJ
 Sample : H4112-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 21 16:08:36 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

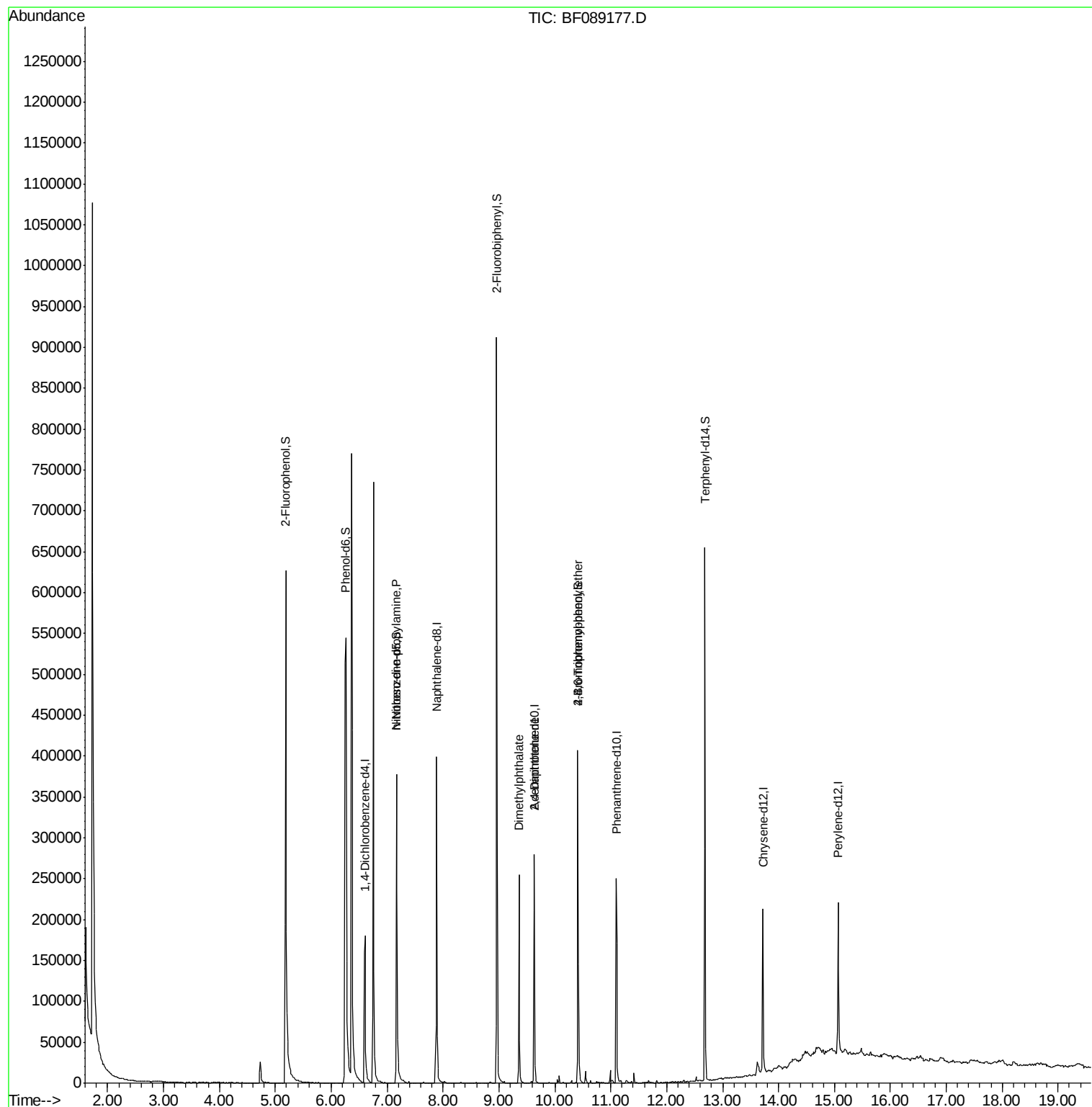
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	48430	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	201717	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	77594	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	128043	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	98146	20.00	ng	0.00
86) Perylene-d12	15.06	264	78617	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	266844	83.80	ng	0.00
7) Phenol-d6	6.26	99	364511	88.77	ng	-0.01
23) Nitrobenzene-d5	7.16	82	191098	50.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	45096	64.55	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	315575	56.04	ng	-0.01
78) Terphenyl-d14	12.68	244	218704	48.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.25	77	215	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	25045	9.32 ng	#	83
49) Dimethylphthalate	9.36	163	106259	17.85 ng		98
56) 2,4-Dinitrotoluene	9.63	165	9545	5.51 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	3249	2.56 ng	#	1

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

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QLast Update : Wed Jul 20 19:03:15 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089177.D

Acq: 21 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

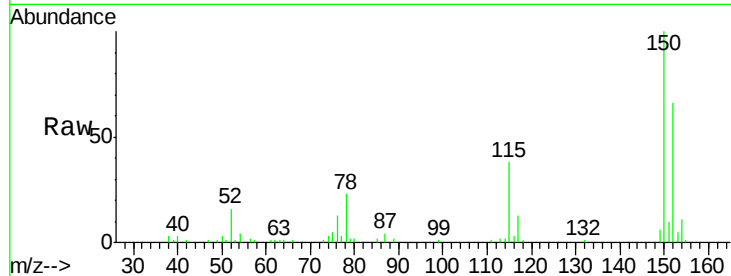
Tot Ion:152 Resp: 48430

Ion Ratio Lower Upper

152 100

150 152.7 125.1 187.7

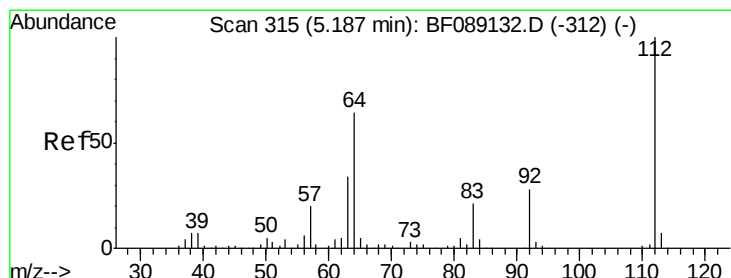
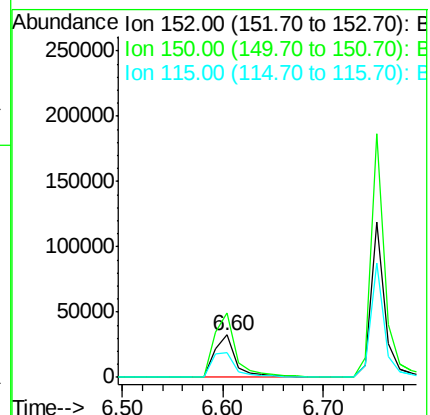
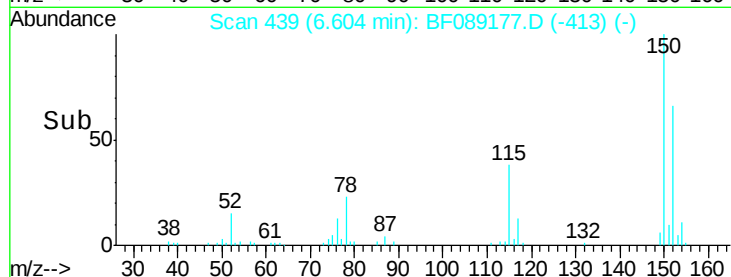
115 57.4 51.1 76.7



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: 83.80 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089177.D

Acq: 21 Jul 2016 13:43

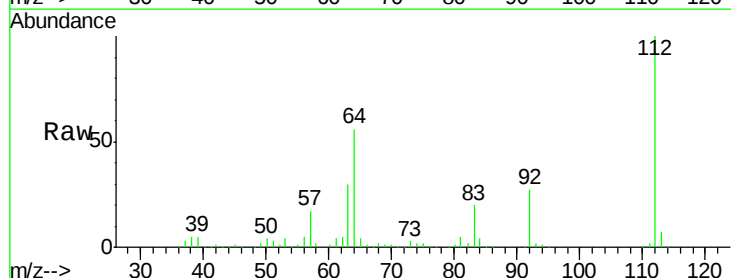
Tgt Ion:112 Resp: 266844

Ion Ratio Lower Upper

112 100

64 55.6 51.0 76.4

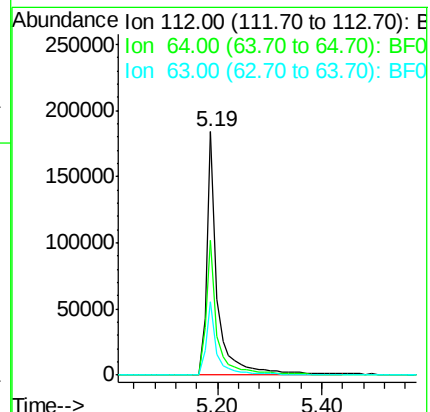
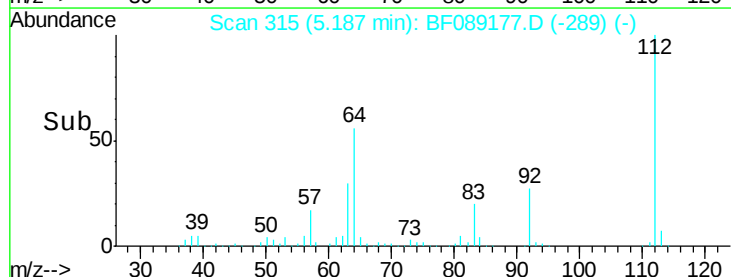
63 30.1 27.3 40.9

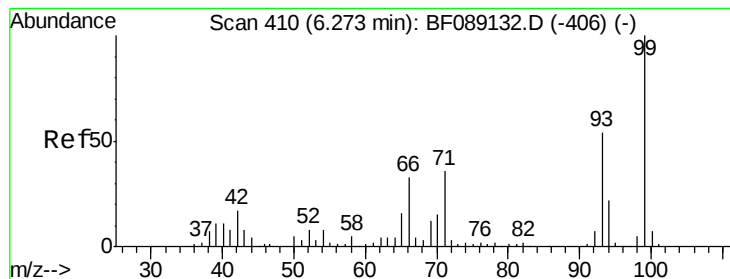


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 88.77 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089177.D

Acq: 21 Jul 2016 13:43

Instrument :

BNA_F

ClientSampled :

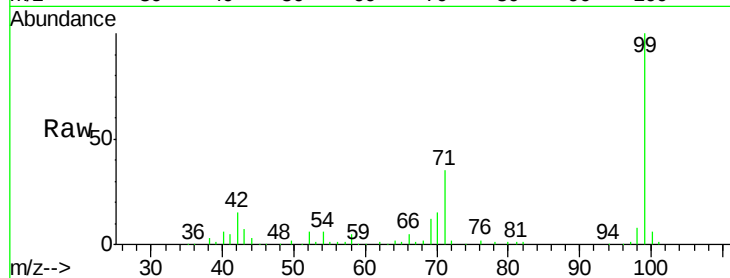
Tot Ion: 99 Resp: 364511

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

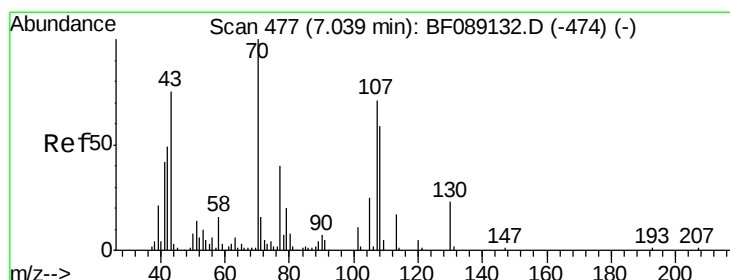
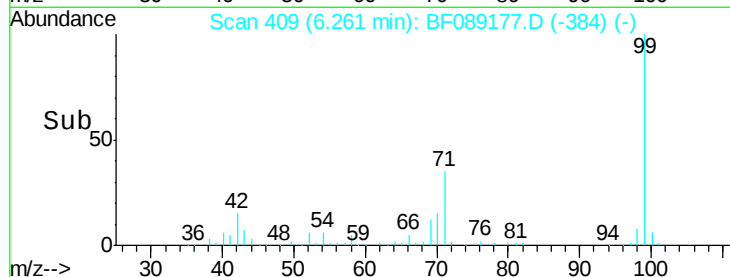
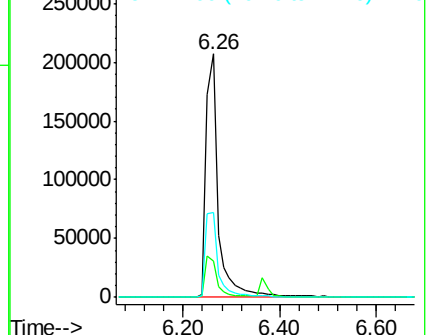
71 35.0 28.9 43.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.32 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF089177.D

Acq: 21 Jul 2016 13:43

Tgt Ion: 70 Resp: 25045

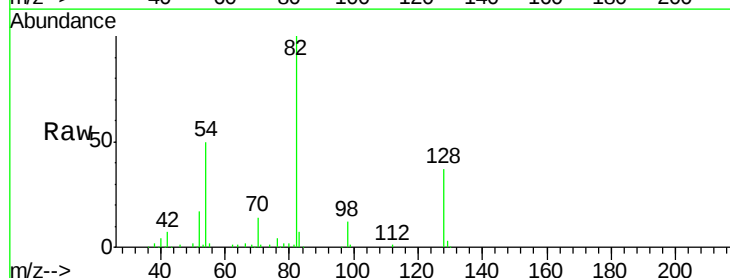
Ion Ratio Lower Upper

70 100

42 47.5 39.2 58.8

101 0.0 8.5 12.7#

130 2.0 18.4 27.6#

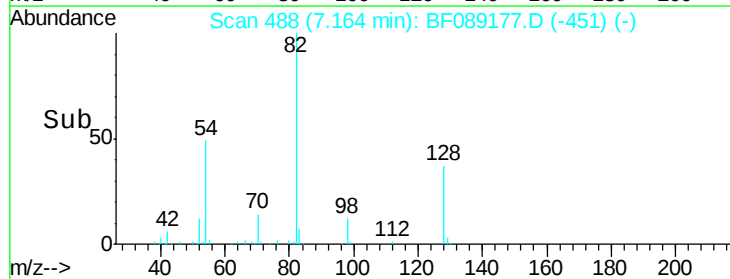
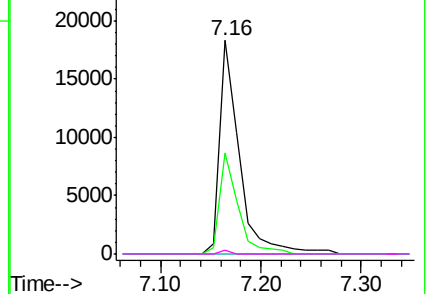


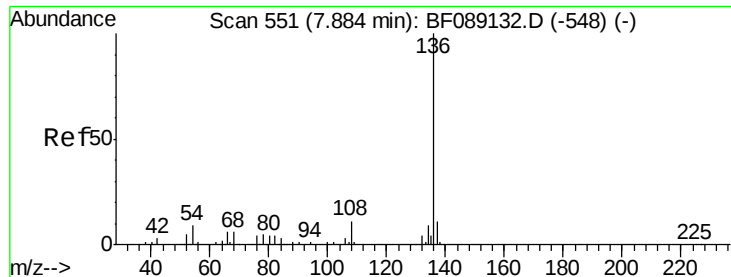
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089177.D

Acq: 21 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 201717

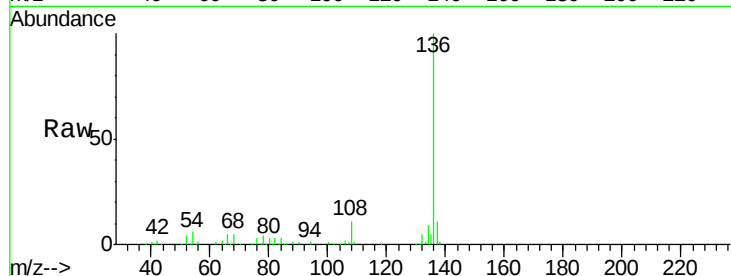
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.4 7.0 10.4#

68 5.4 5.0 7.6

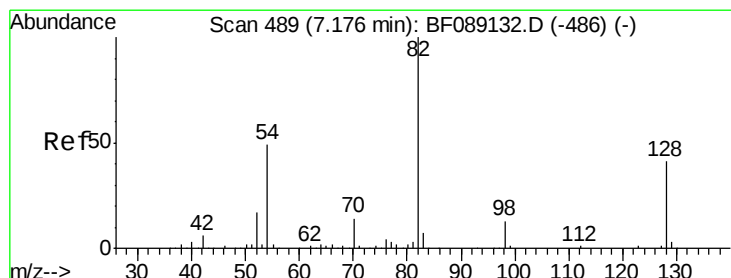
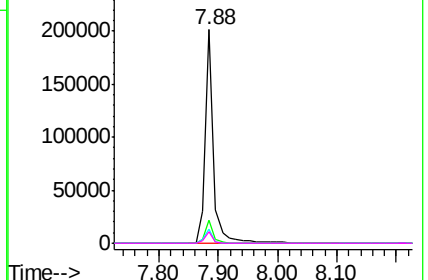
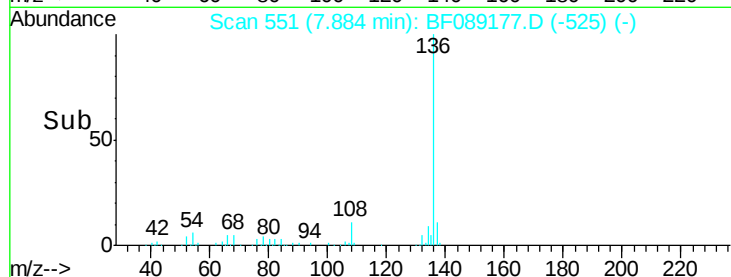


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.34 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF089177.D

Acq: 21 Jul 2016 13:43

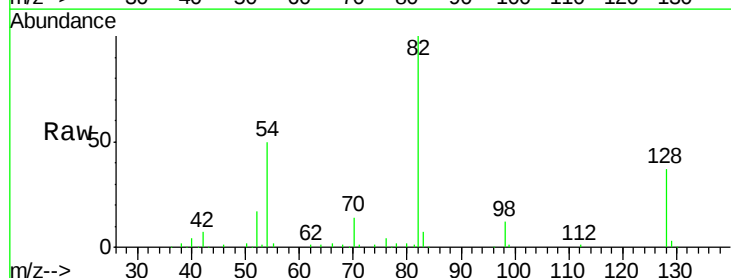
Tgt Ion: 82 Resp: 191098

Ion Ratio Lower Upper

82 100

128 37.2 33.0 49.6

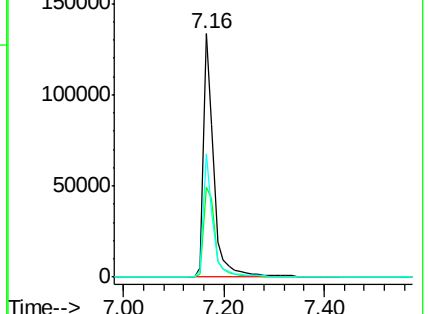
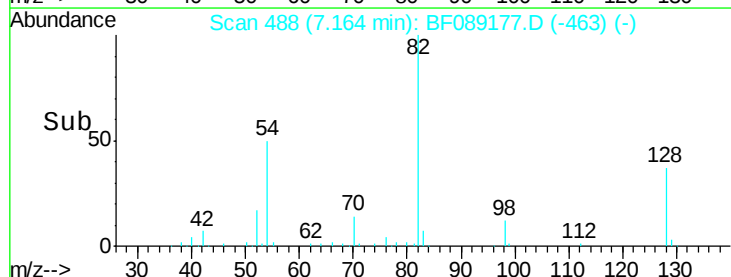
54 50.5 39.0 58.4

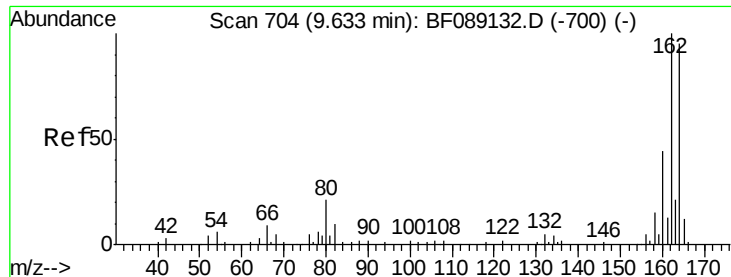


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

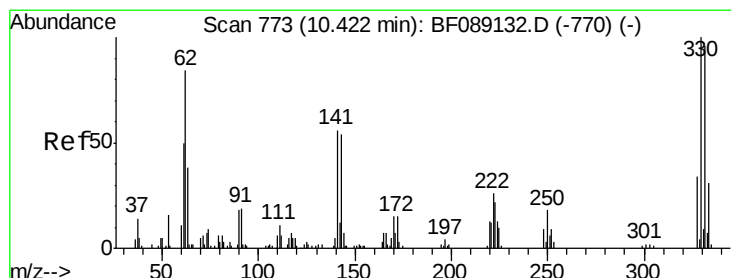
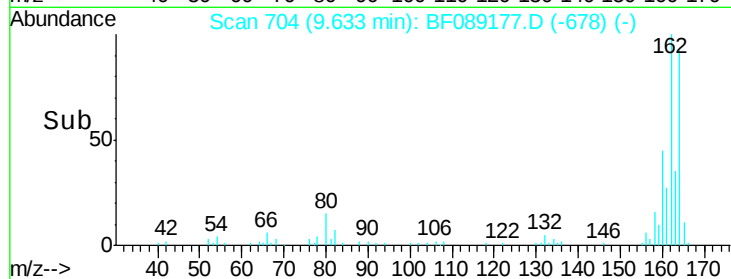
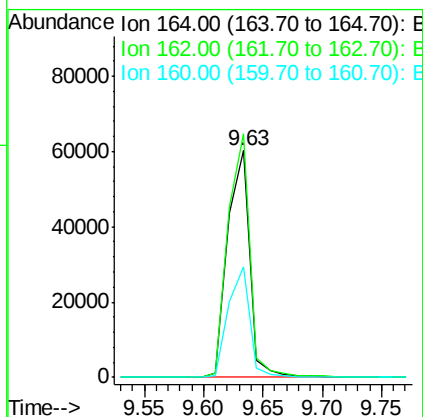
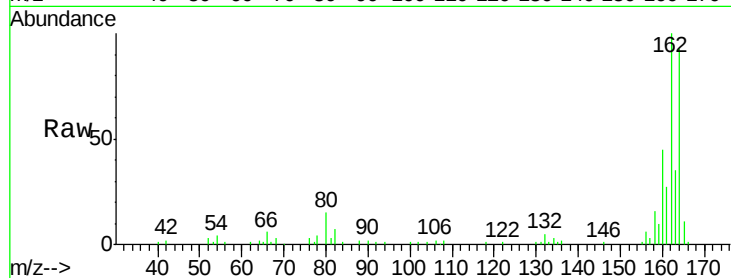




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089177.D
Acq: 21 Jul 2016 13:43

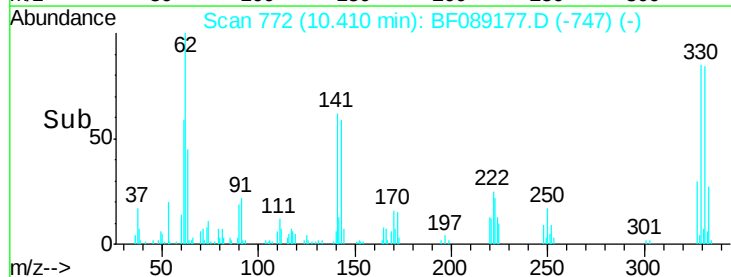
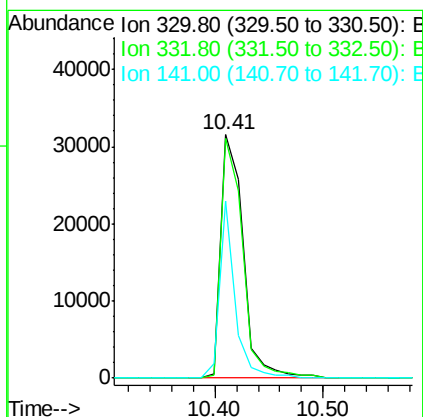
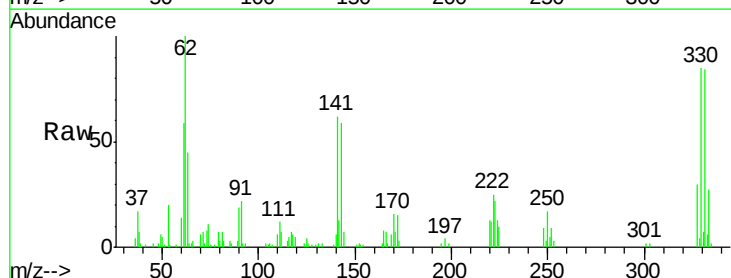
Instrument :
BNA_F
ClientSampleId :

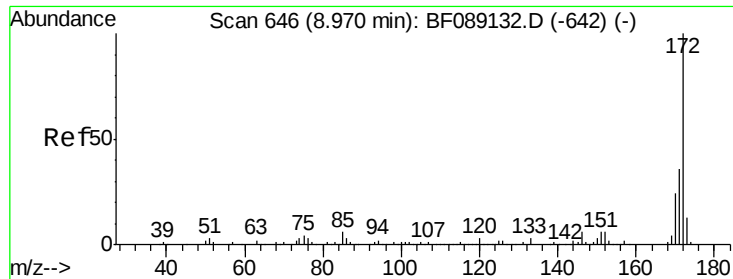
Tot Ion:164 Resp: 77594
Ion Ratio Lower Upper
164 100
162 107.4 84.1 126.1
160 48.5 37.1 55.7



#41
2,4,6-Tribromophenol
Concen: 64.55 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089177.D
Acq: 21 Jul 2016 13:43

Tgt Ion:330 Resp: 45096
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 50.6 42.2 63.2

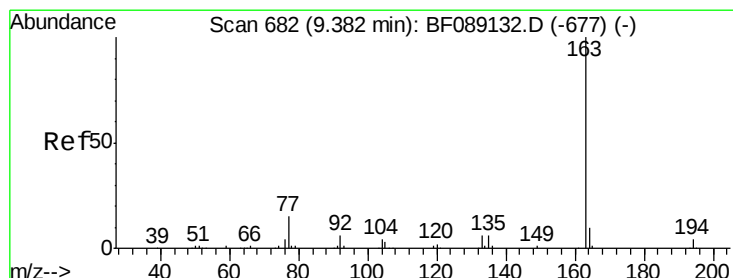
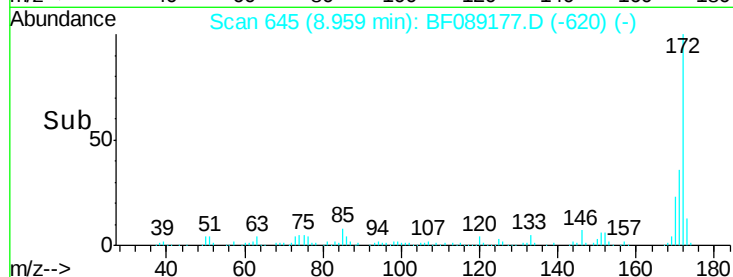
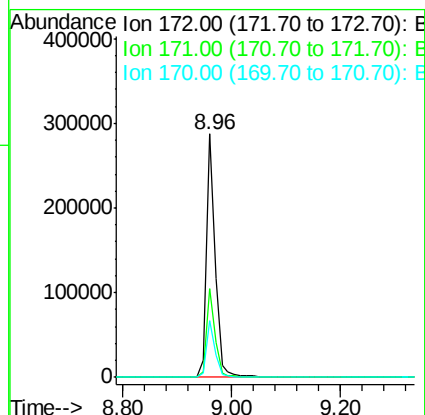
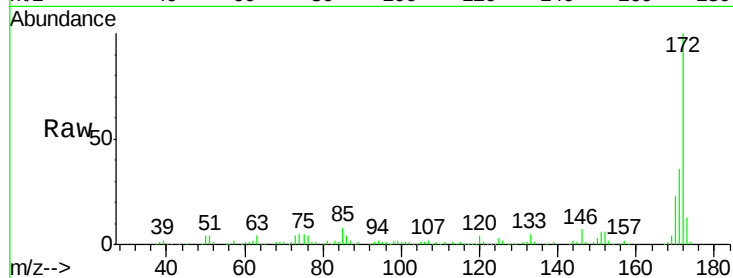




#44
2-Fluorobiphenyl
Concen: 56.04 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF089177.D
Acq: 21 Jul 2016 13:43

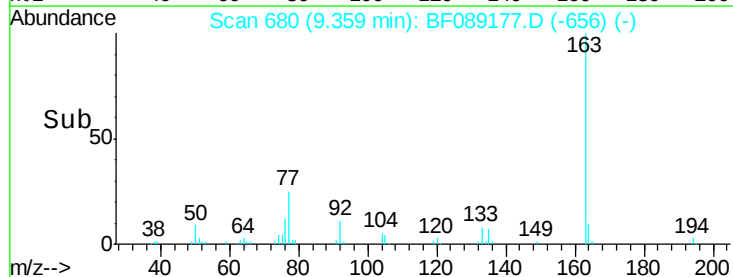
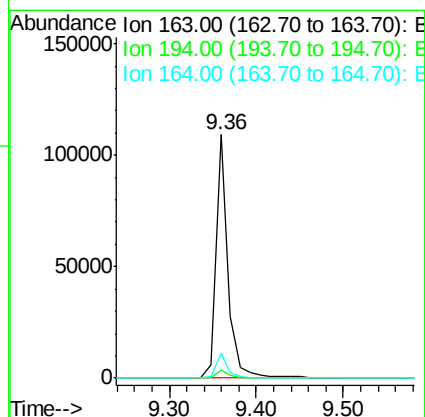
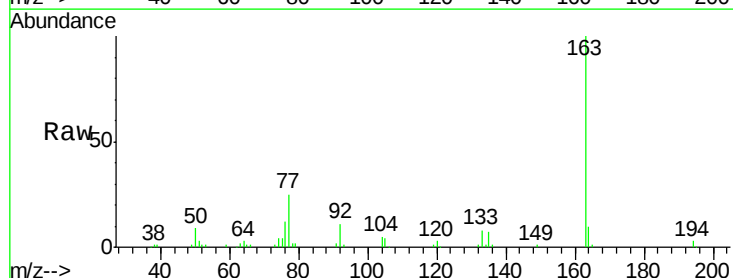
Instrument :
BNA_F
ClientSampleId :

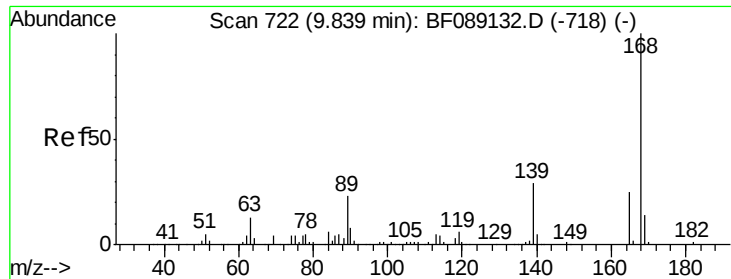
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.4	19.1	28.7



#49
Dimethylphthalate
Concen: 17.85 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089177.D
Acq: 21 Jul 2016 13:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	10.4	7.6	11.4

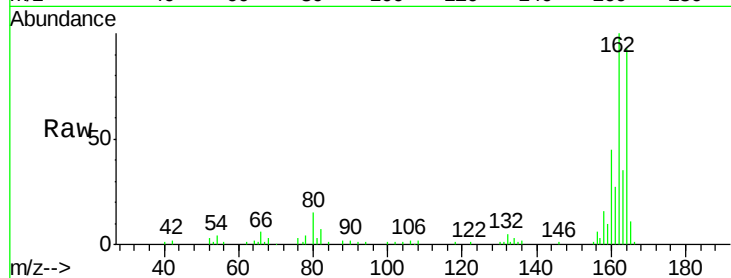




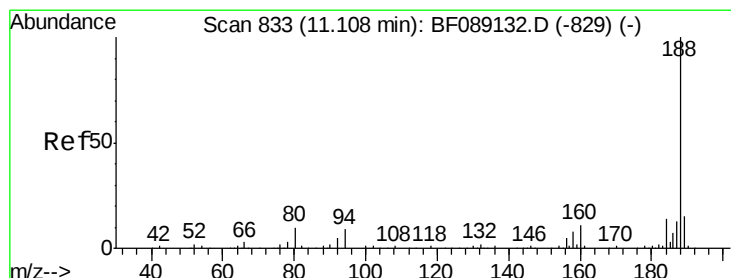
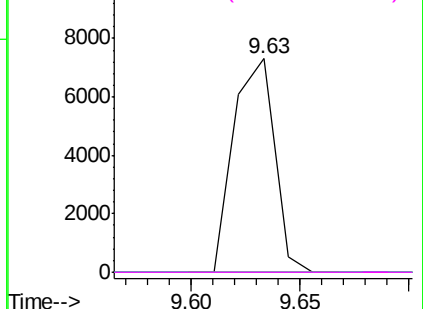
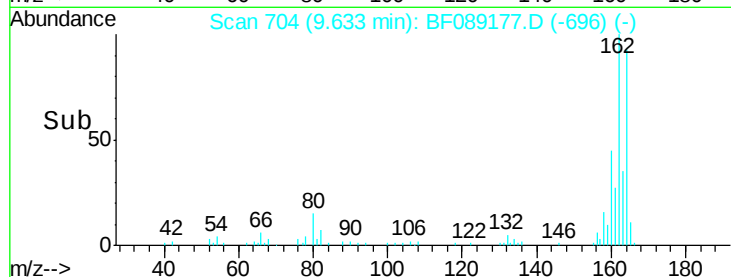
#56
 2,4-Dinitrotoluene
 Concen: 5.51 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.21 min
 Lab File: BF089177.D
 Acq: 21 Jul 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 9545
 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#

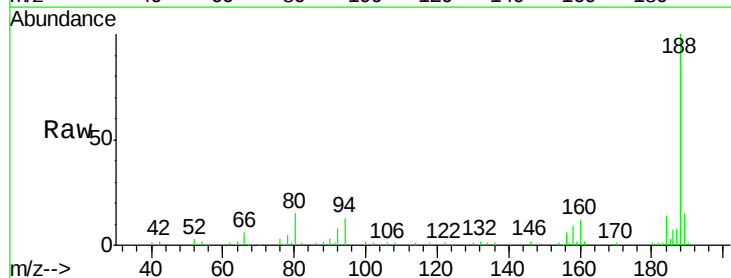


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

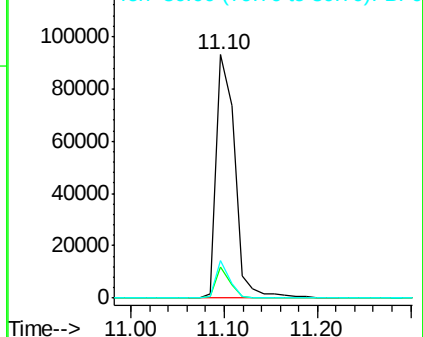
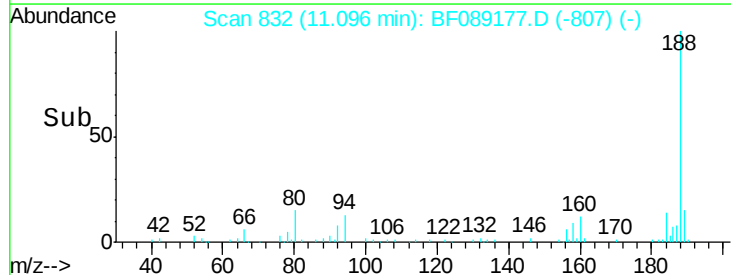


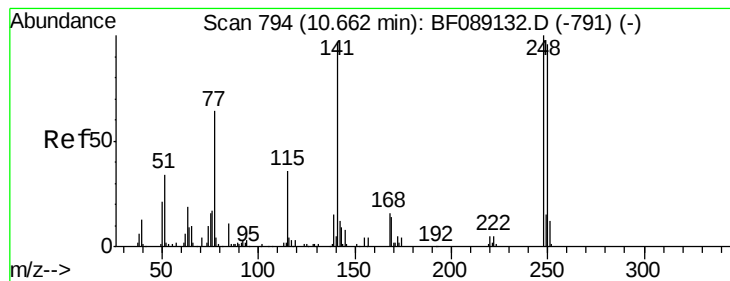
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF089177.D
 Acq: 21 Jul 2016 13:43

Tgt Ion:188 Resp: 128043
 Ion Ratio Lower Upper
 188 100
 94 12.9 7.0 10.4#
 80 15.3 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: 2.56 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.25 min

Lab File: BF089177.D

Acq: 21 Jul 2016 13:43

Instrument :

BNA_F

ClientSampleId :

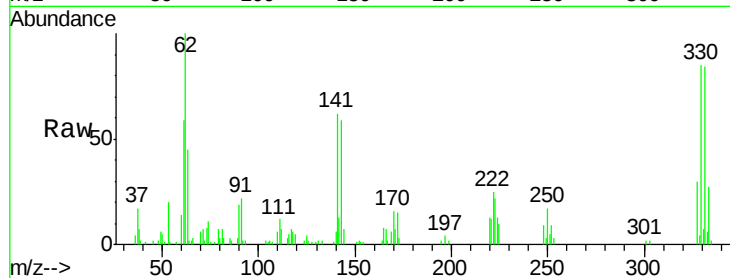
Tot Ion:248 Resp: 3249

Ion Ratio Lower Upper

248 100

250 190.9 76.9 115.3#

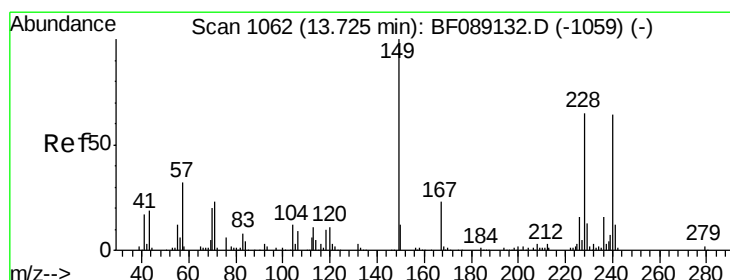
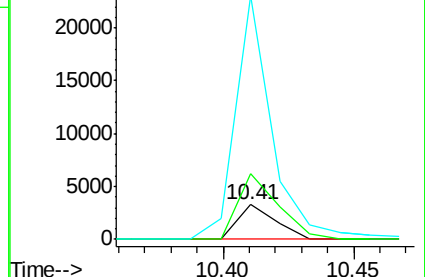
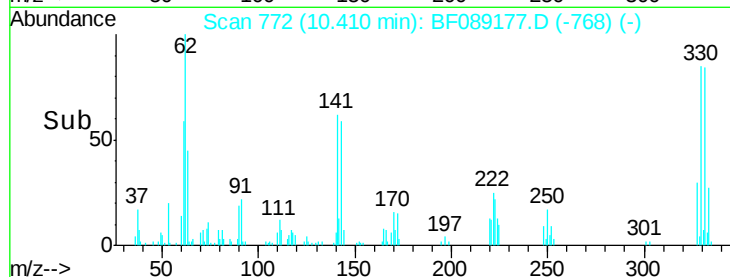
141 704.5 77.4 116.2#



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: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089177.D

Acq: 21 Jul 2016 13:43

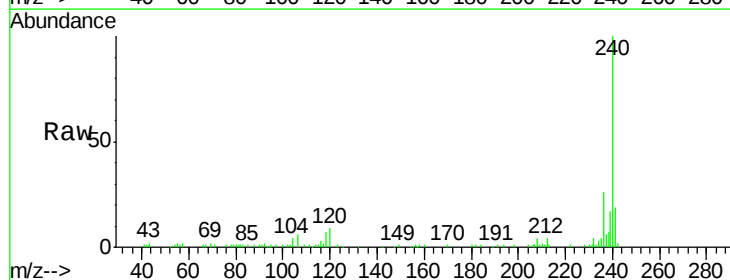
Tgt Ion:240 Resp: 98146

Ion Ratio Lower Upper

240 100

120 8.8 13.6 20.4#

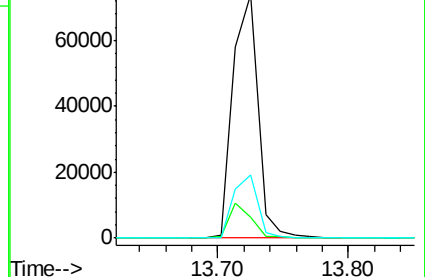
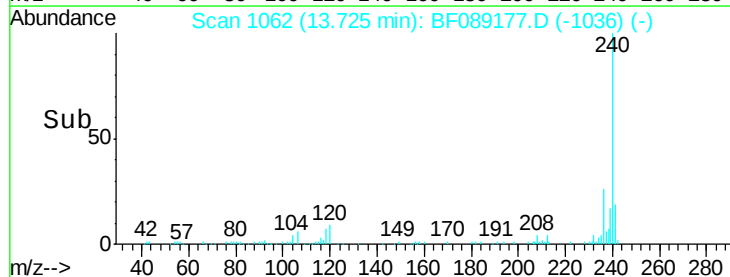
236 25.8 20.5 30.7

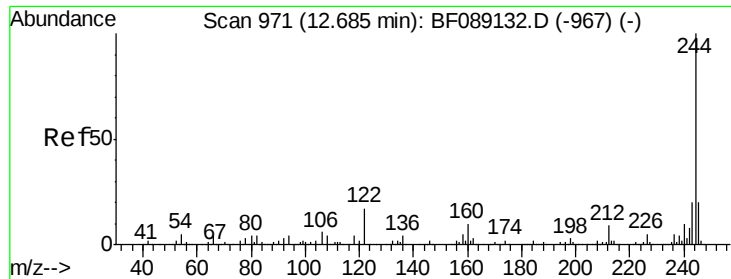


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

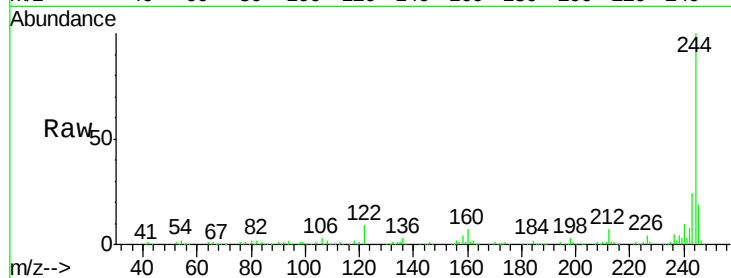




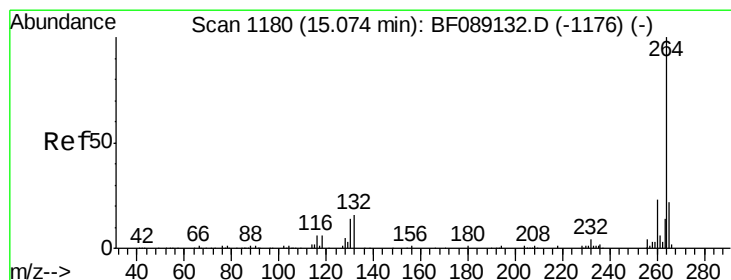
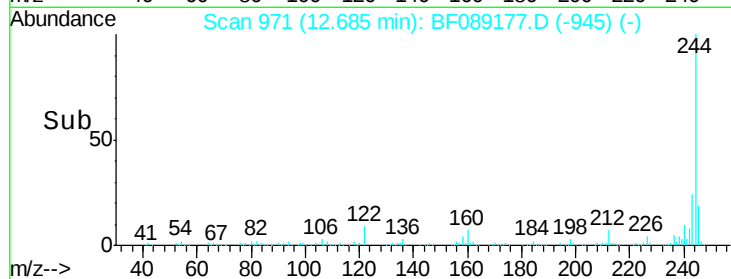
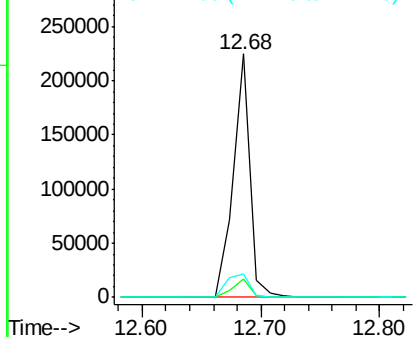
#78
 Terphenyl-d14
 Concen: 48.33 ng
 RT: 12.68 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089177.D
 Acq: 21 Jul 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.0	10.4
122	9.4	13.8	20.8#

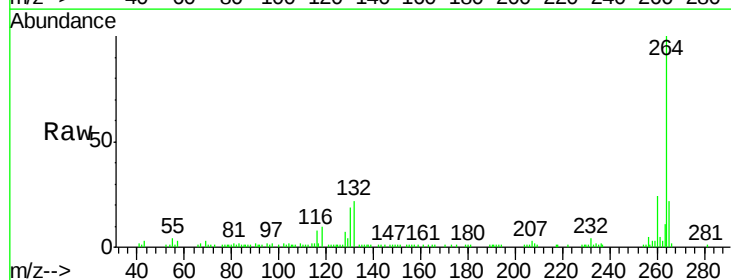


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089177.D
 Acq: 21 Jul 2016 13:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	21.6	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

