

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089300.D
 Acq On : 26 Jul 2016 3:47
 Operator : UM/SJ
 Sample : H4184-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Jul 26 05:34:02 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

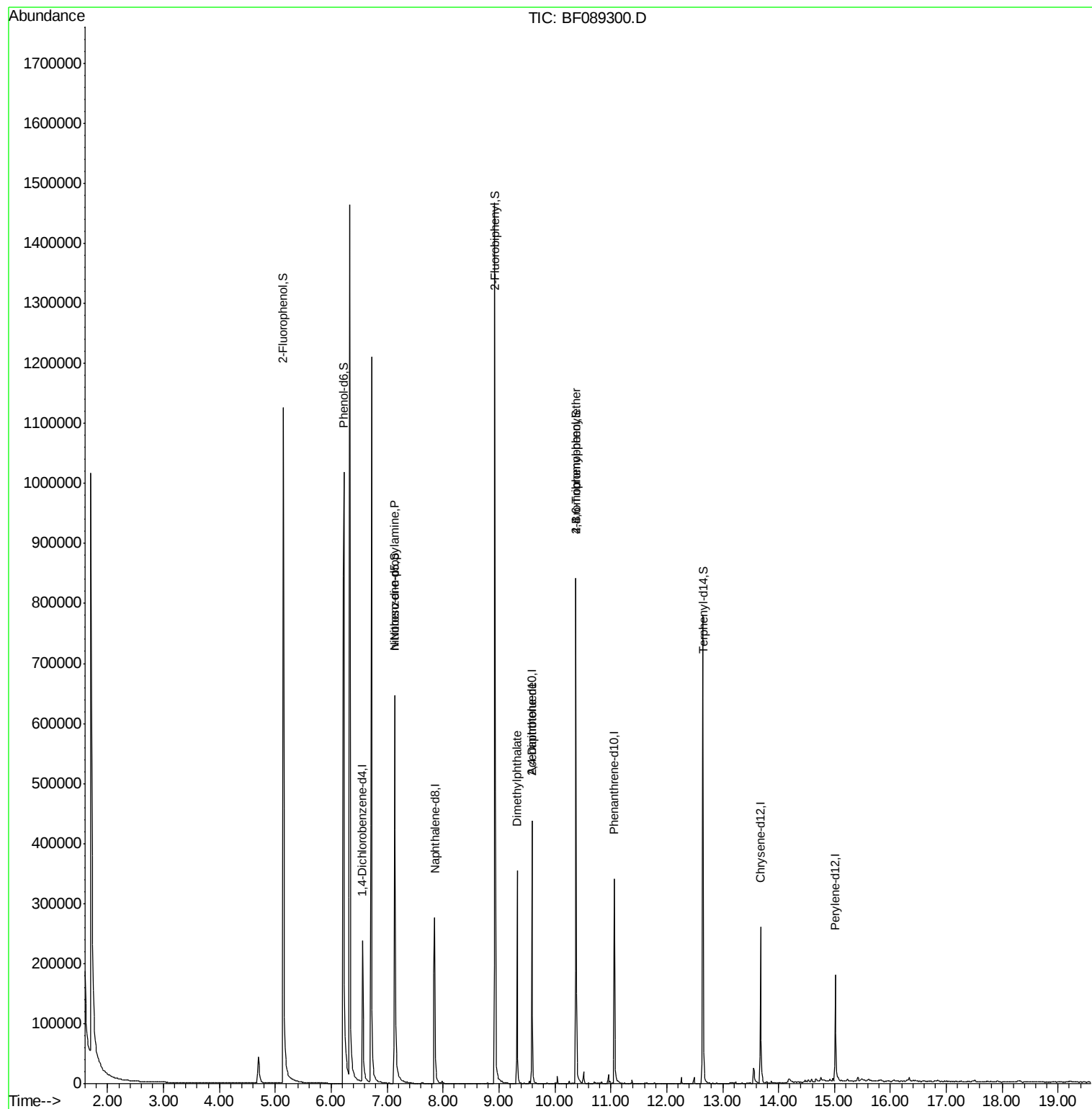
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	50469	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	200821	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	89426	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	144475	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	99467	20.00	ng	-0.01
86) Perylene-d12	15.02	264	80422	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	418135	126.00	ng	0.00
7) Phenol-d6	6.23	99	611908	142.99	ng	0.00
23) Nitrobenzene-d5	7.13	82	352971	93.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	88707	110.18	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	544517	83.90	ng	-0.01
78) Terphenyl-d14	12.65	244	355085	77.43	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	721	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	45218	16.16	ng	# 82
49) Dimethylphthalate	9.32	163	142895	20.82	ng	99
56) 2,4-Dinitrotoluene	9.59	165	10939	5.48	ng	# 10
66) 4-Bromophenyl-phenylether	10.38	248	7081	4.95	ng	# 1

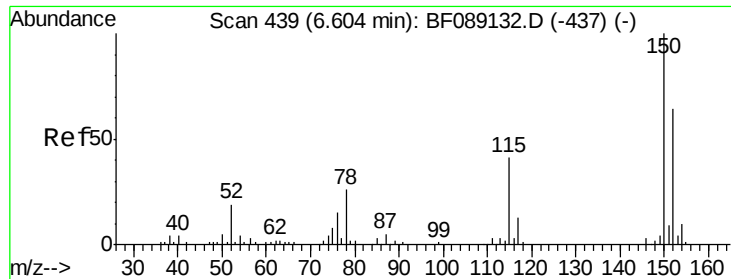
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089300.D

Acq: 26 Jul 2016 3:47

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

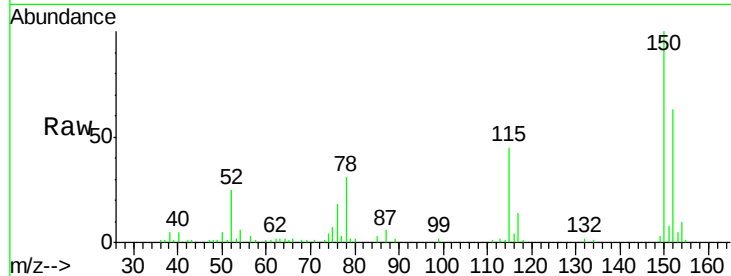
Tgt Ion:152 Resp: 50469

Ion Ratio Lower Upper

152 100

150 158.7 125.1 187.7

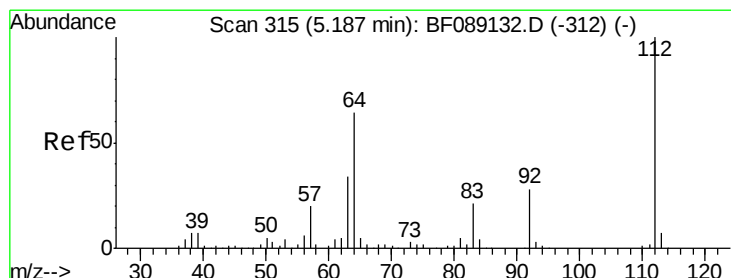
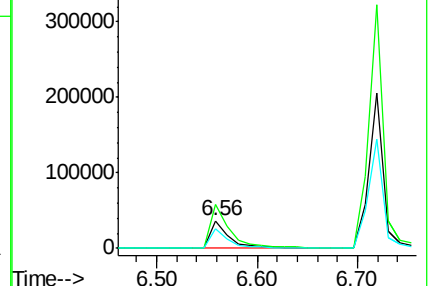
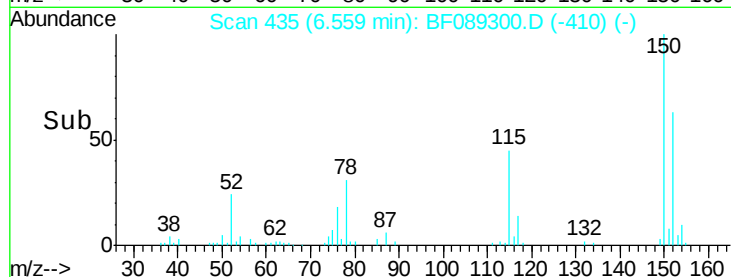
115 71.3 51.1 76.7



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: 126.00 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF089300.D

Acq: 26 Jul 2016 3:47

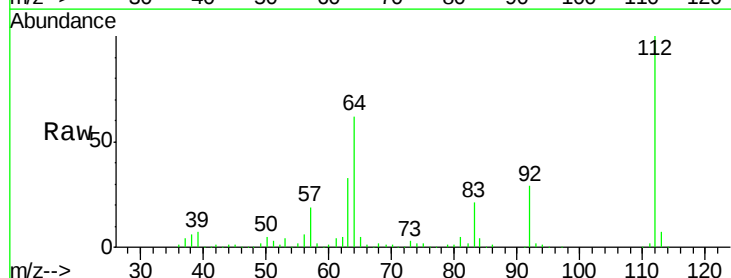
Tgt Ion:112 Resp: 418135

Ion Ratio Lower Upper

112 100

64 62.2 51.0 76.4

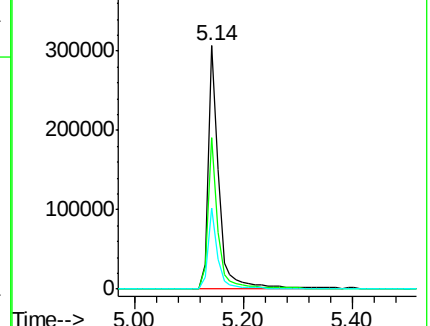
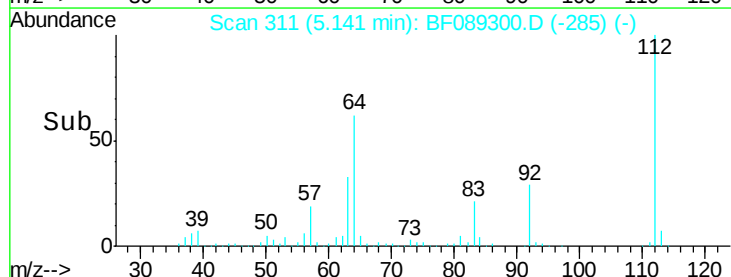
63 33.3 27.3 40.9

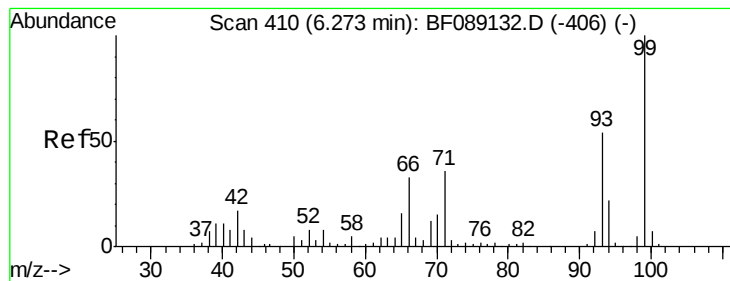


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.99 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089300.D

Acq: 26 Jul 2016 3:47

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

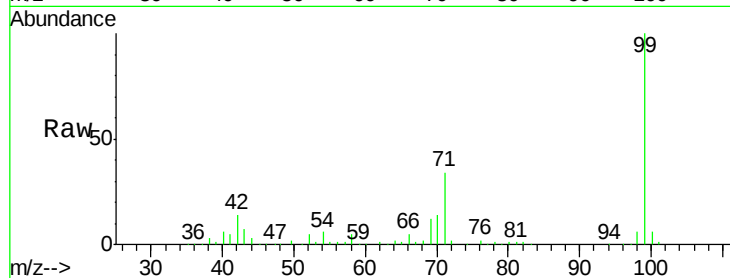
Tgt Ion: 99 Resp: 611908

Ion Ratio Lower Upper

99 100

42 14.3 13.5 20.3

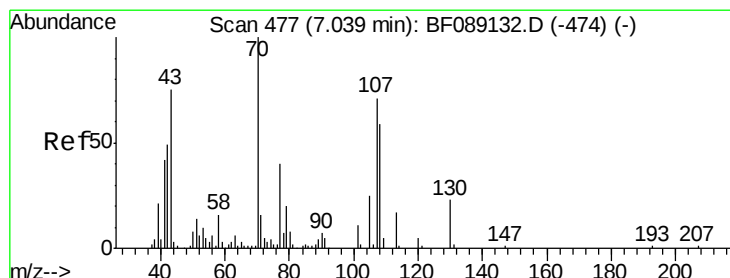
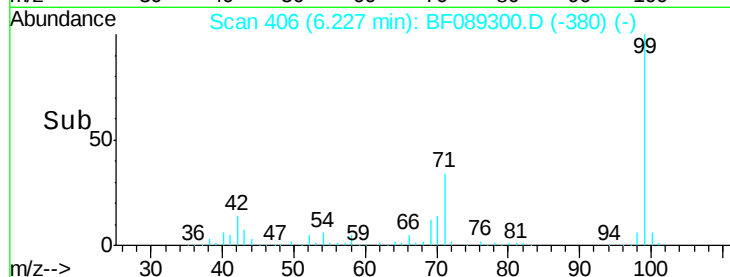
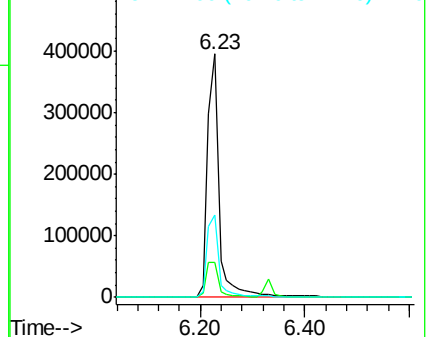
71 33.8 28.9 43.3



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: 16.16 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089300.D

Acq: 26 Jul 2016 3:47

Tgt Ion: 70 Resp: 45218

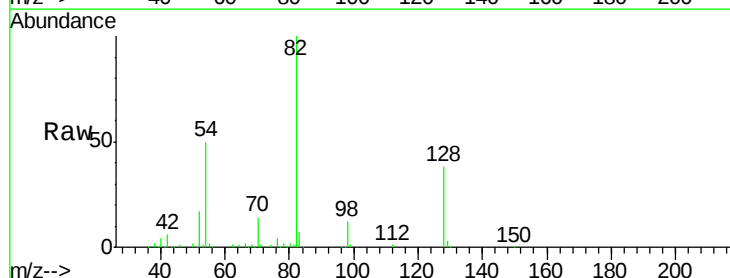
Ion Ratio Lower Upper

70 100

42 46.9 39.2 58.8

101 0.0 8.5 12.7#

130 1.9 18.4 27.6#

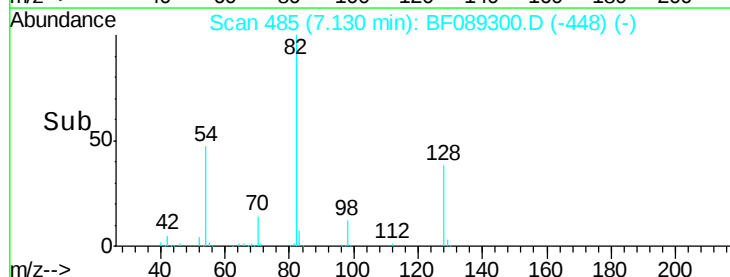
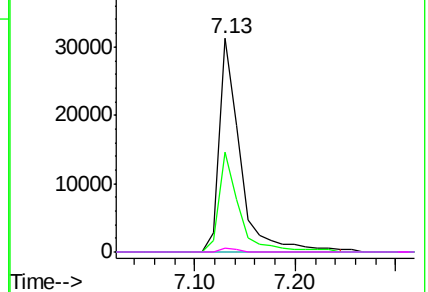


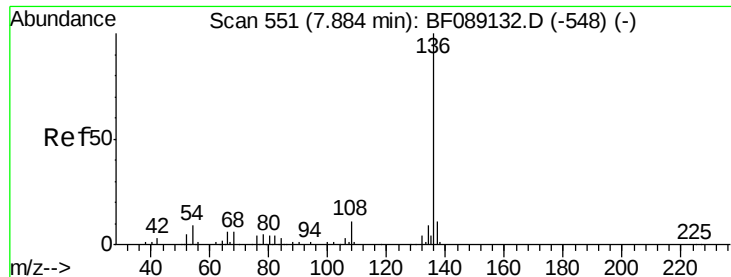
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089300.D

Acq: 26 Jul 2016 3:47

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

Tgt Ion: 136 Resp: 200821

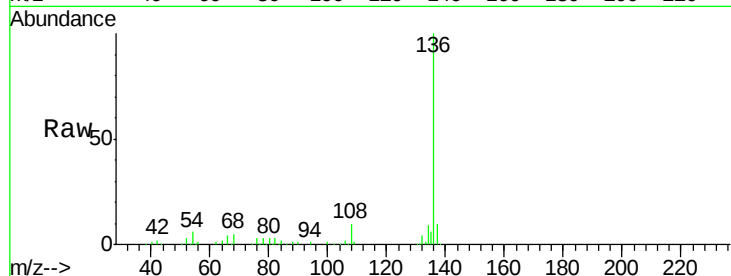
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 5.7 7.0 10.4#

68 4.6 5.0 7.6#

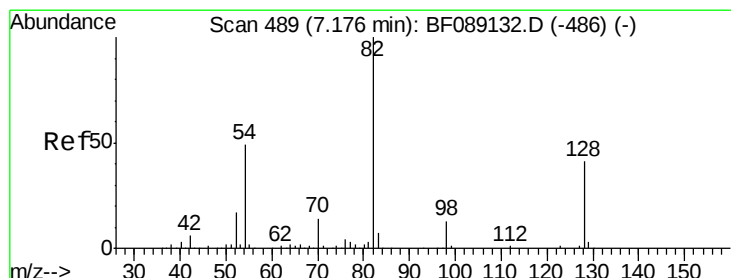
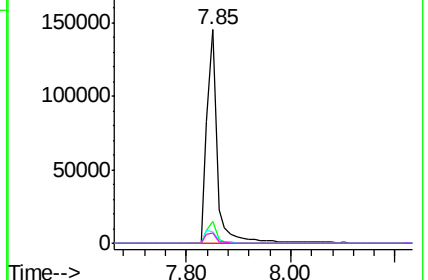
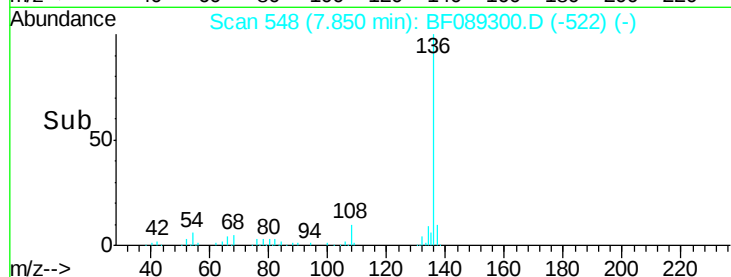


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.39 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089300.D

Acq: 26 Jul 2016 3:47

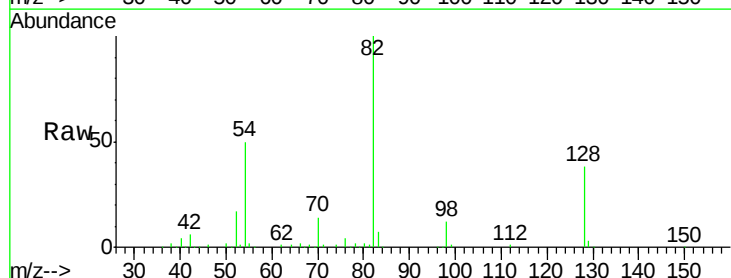
Tgt Ion: 82 Resp: 352971

Ion Ratio Lower Upper

82 100

128 38.3 33.0 49.6

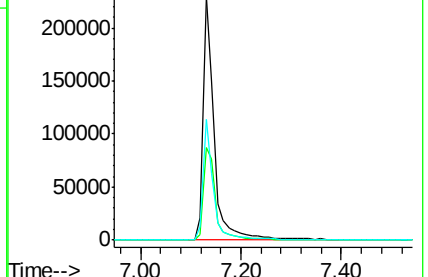
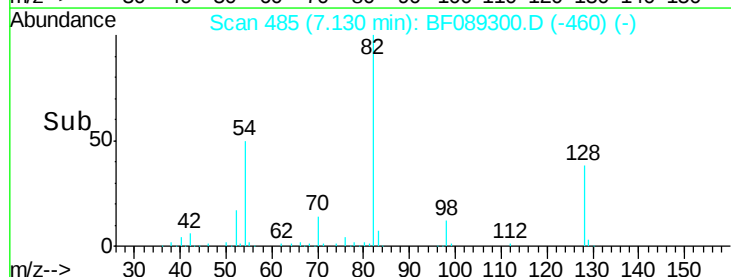
54 49.7 39.0 58.4

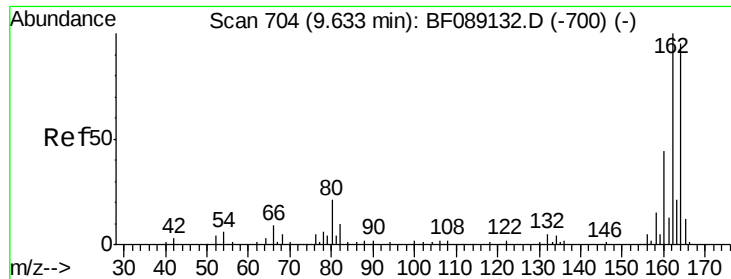


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

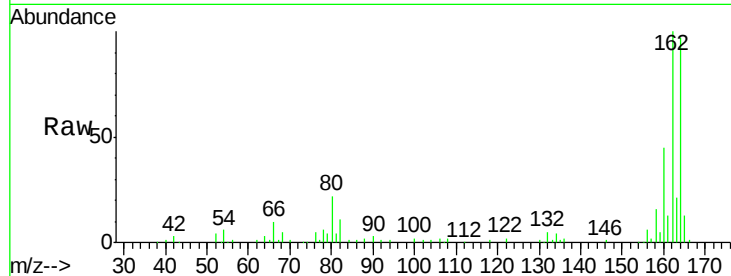




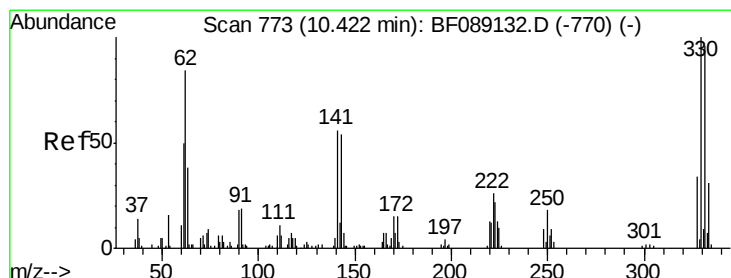
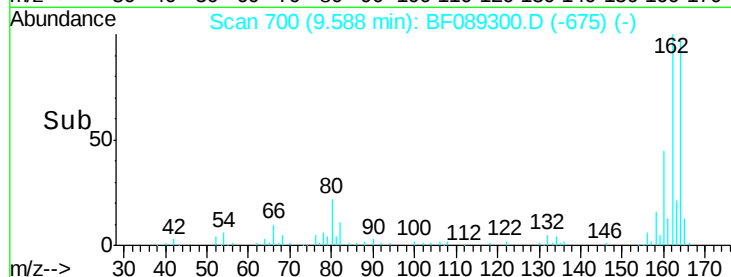
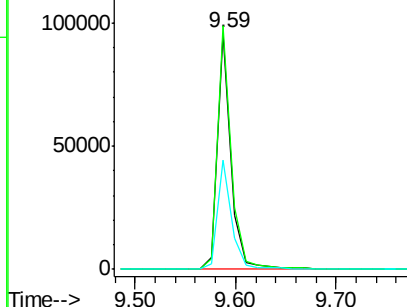
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089300.D
 Acq: 26 Jul 2016 3:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:164 Resp: 89426
 Ion Ratio Lower Upper
 164 100
 162 102.9 84.1 126.1
 160 46.0 37.1 55.7

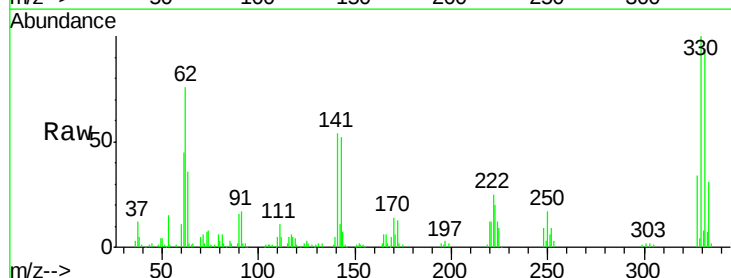


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

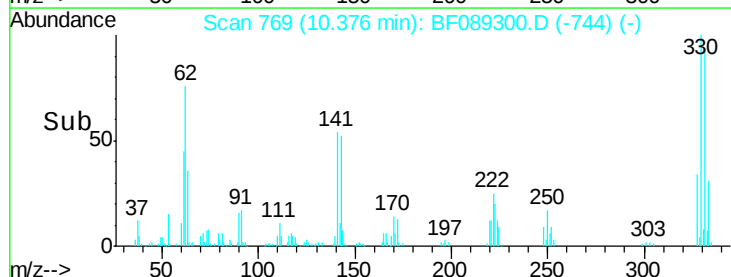
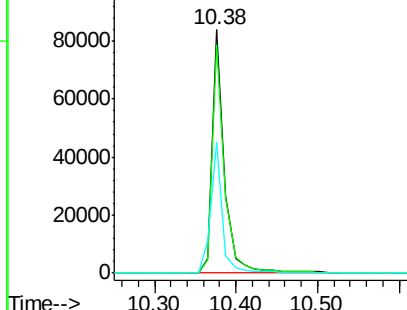


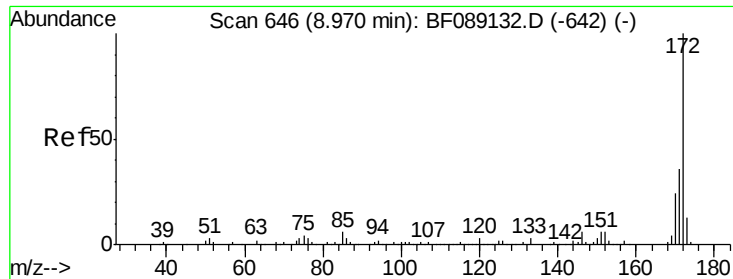
#41
 2,4,6-Tribromophenol
 Concen: 110.18 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089300.D
 Acq: 26 Jul 2016 3:47

Tgt Ion:330 Resp: 88707
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.2 115.8
 141 52.1 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

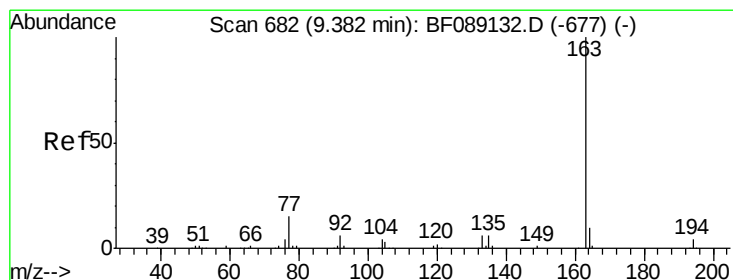
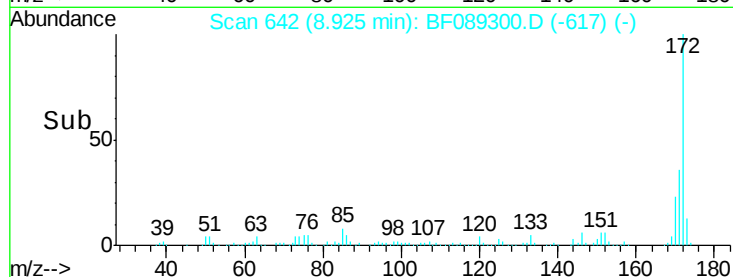
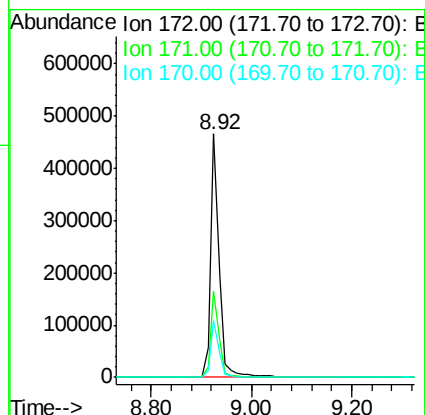
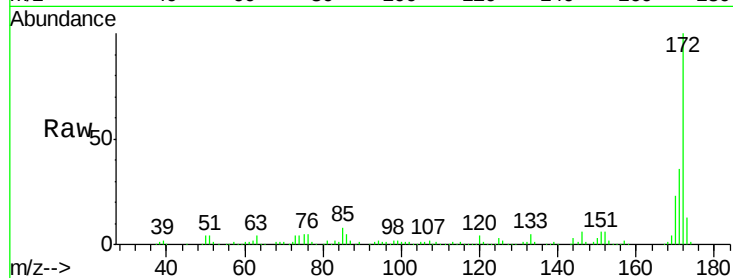




#44
2-Fluorobiphenyl
Concen: 83.90 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF089300.D
Acq: 26 Jul 2016 3:47

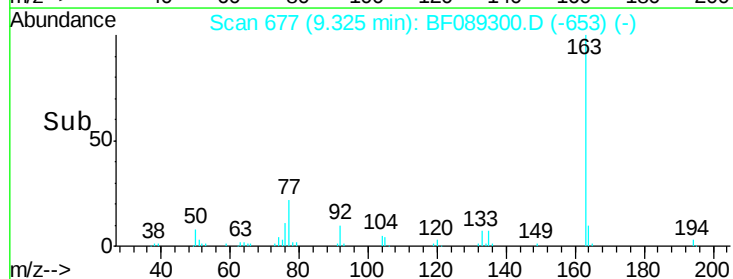
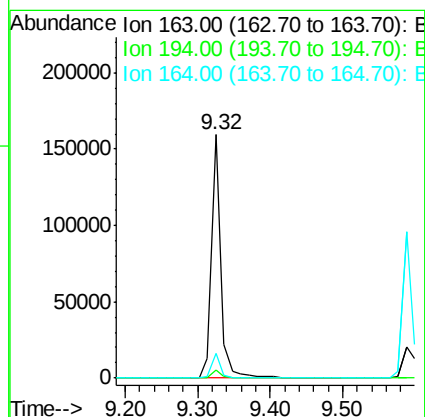
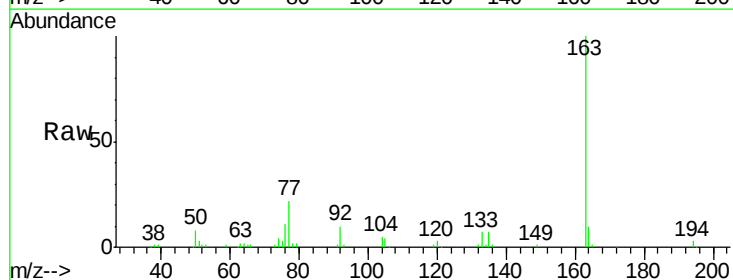
Instrument :
BNA_F
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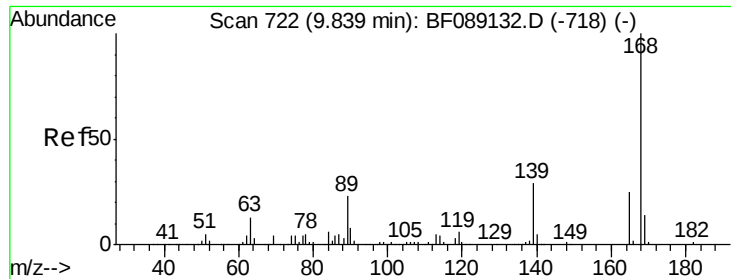
Tgt Ion:172 Resp: 544517
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 23.2 19.1 28.7



#49
Dimethylphthalate
Concen: 20.82 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089300.D
Acq: 26 Jul 2016 3:47

Tgt Ion:163 Resp: 142895
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 9.9 7.6 11.4

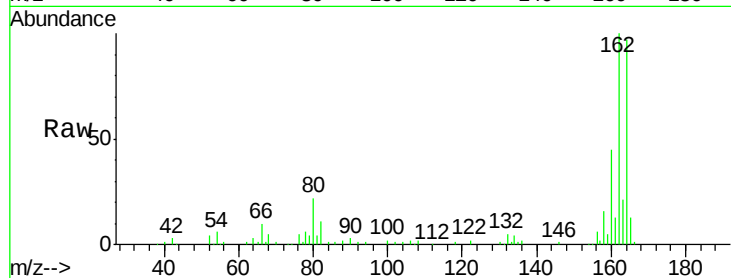




#56
 2,4-Dinitrotoluene
 Concen: 5.48 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF089300.D
 Acq: 26 Jul 2016 3:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt 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#

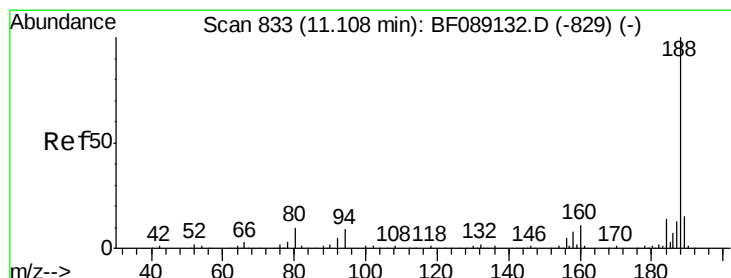
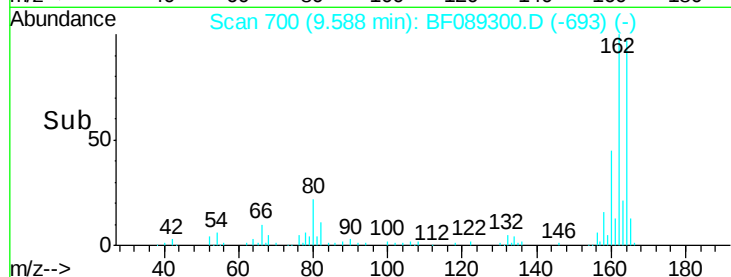
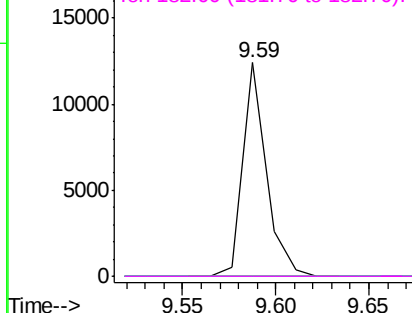


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

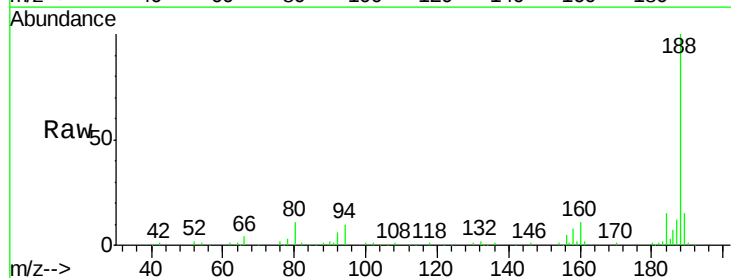
Ion 89.00 (88.70 to 89.70): BF0

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: BF089300.D
 Acq: 26 Jul 2016 3:47

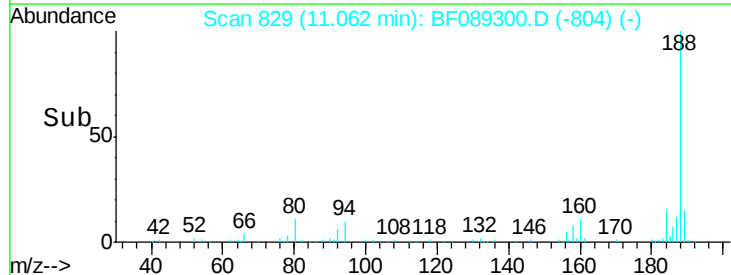
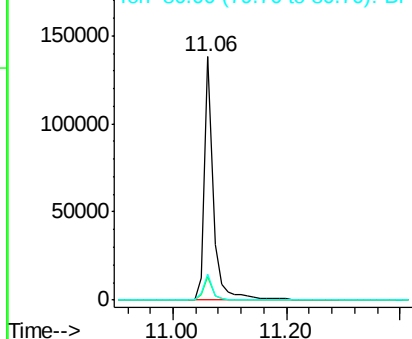
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	10.6	7.7	11.5

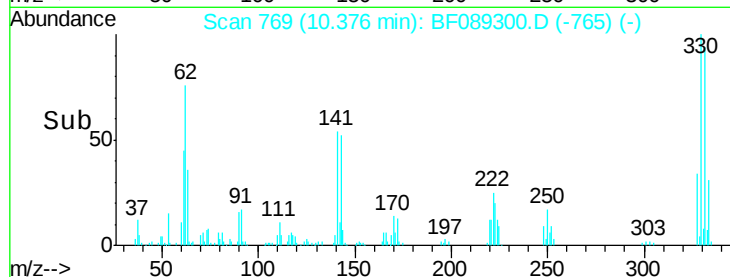
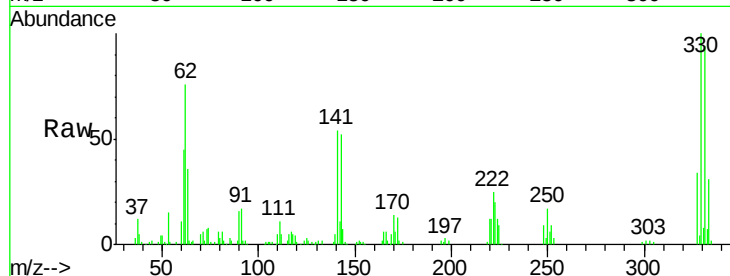
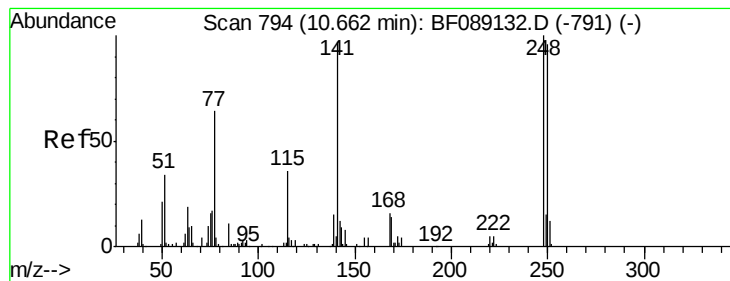


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.95 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.25 min

Lab File: BF089300.D

Acq: 26 Jul 2016 3:47

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

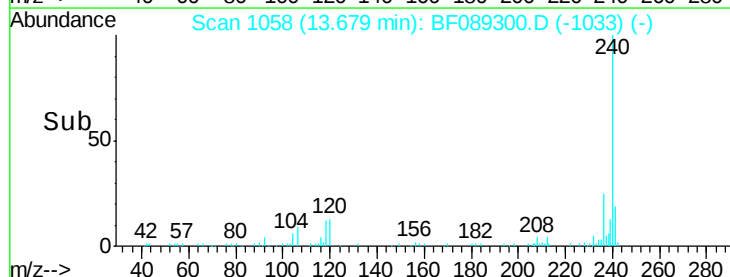
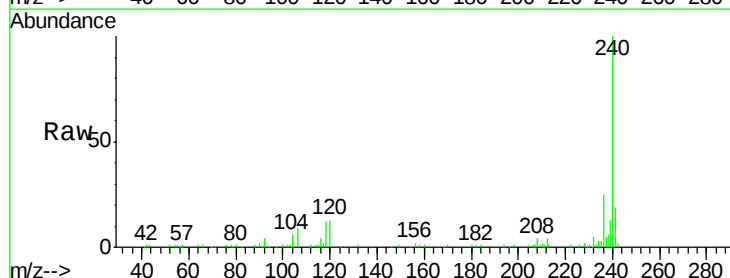
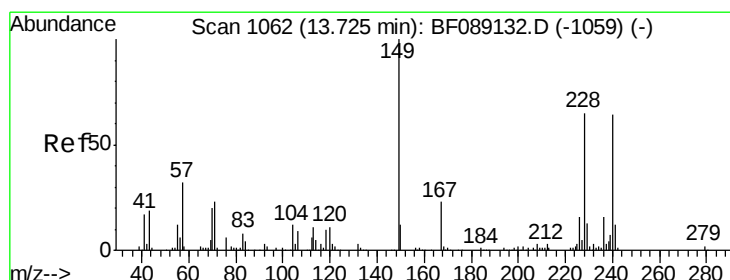
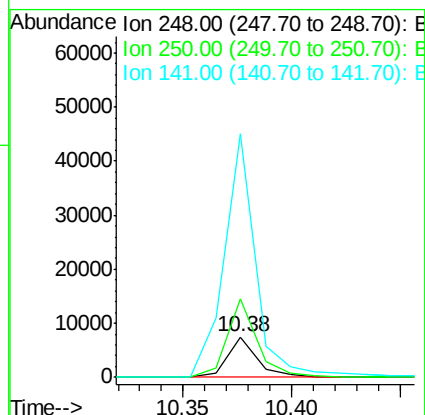
Tgt Ion:248 Resp: 7081

Ion Ratio Lower Upper

248 100

250 193.7 76.9 115.3#

141 604.5 77.4 116.2#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089300.D

Acq: 26 Jul 2016 3:47

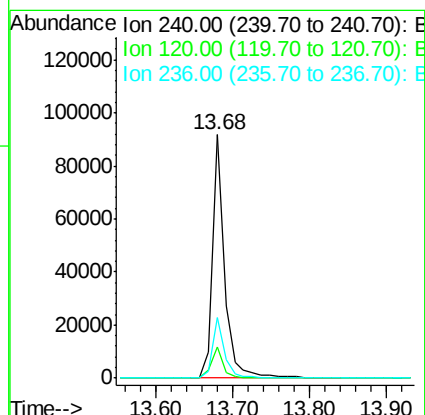
Tgt Ion:240 Resp: 99467

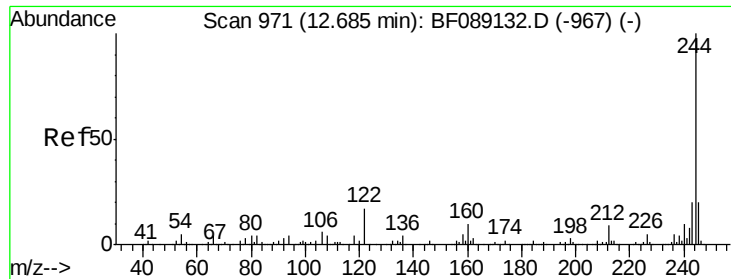
Ion Ratio Lower Upper

240 100

120 12.5 13.6 20.4#

236 25.0 20.5 30.7

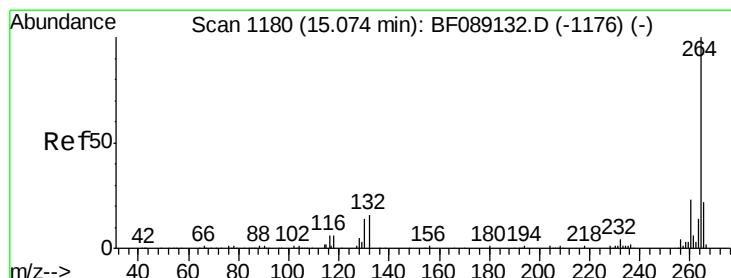
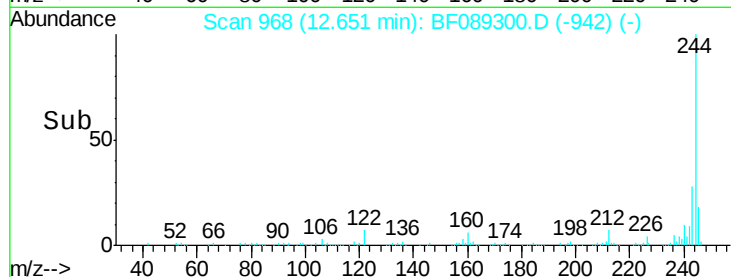
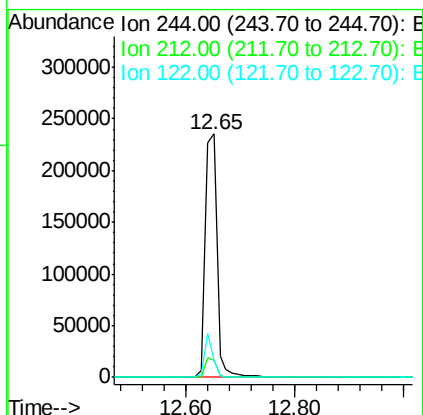
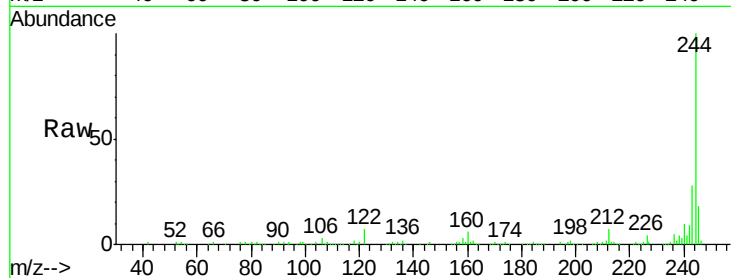




#78
 Terphenyl-d14
 Concen: 77.43 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF089300.D
 Acq: 26 Jul 2016 3:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:244 Resp: 355085
 Ion Ratio Lower Upper
 244 100
 212 7.0 7.0 10.4
 122 7.1 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: BF089300.D
 Acq: 26 Jul 2016 3:47

Tgt Ion:264 Resp: 80422
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.5 17.3 25.9

