

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089408.D
 Acq On : 29 Jul 2016 13:16
 Operator : UM/SJ
 Sample : H4200-03 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1607134563-67(COMPO)

Quant Time: Jul 29 16:39:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

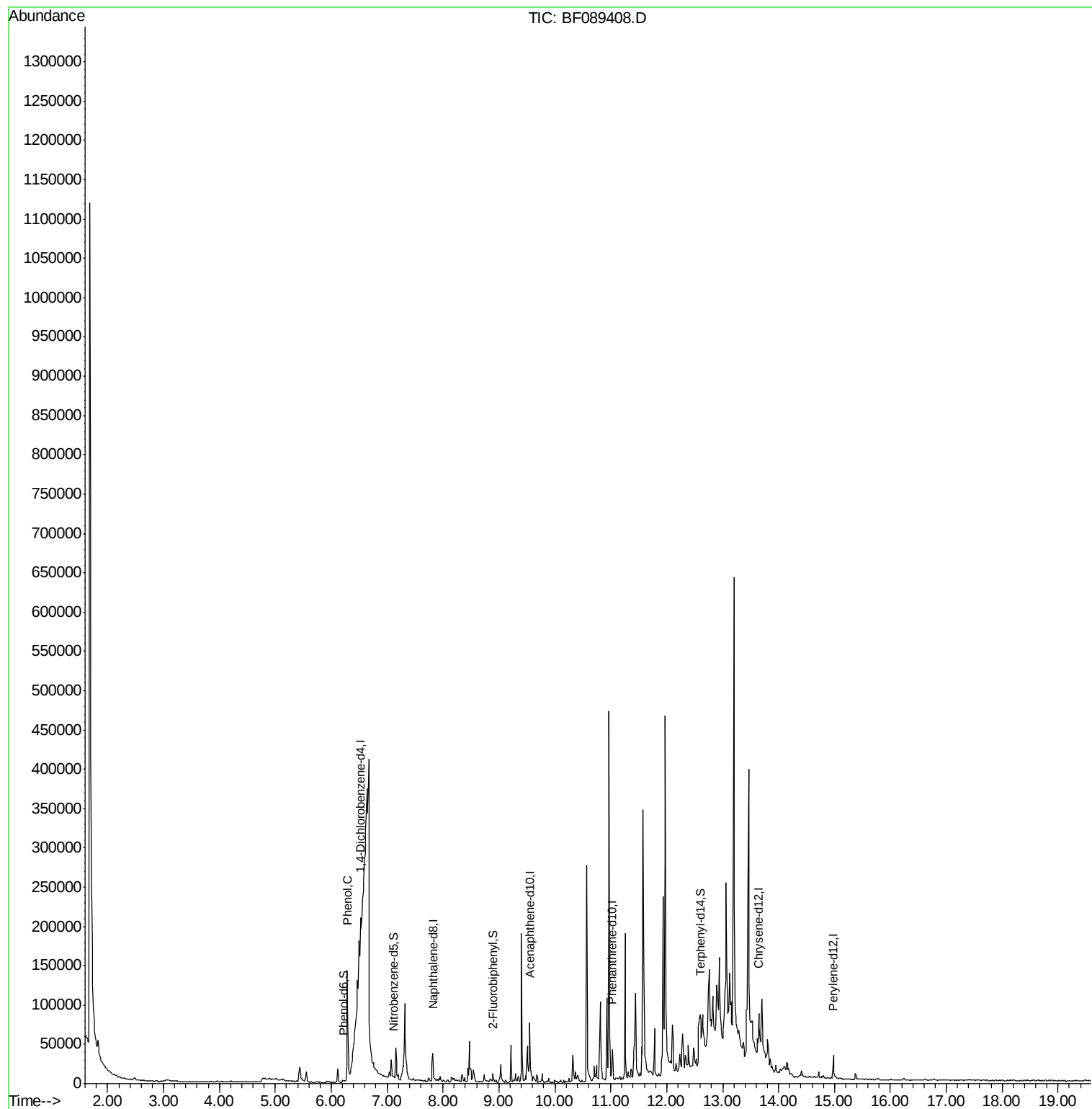
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	6788	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	27688	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	11484	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	16892	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	17165	20.00	ng	-0.02
86) Perylene-d12	14.98	264	15296	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	475	1.12	ng	0.01
7) Phenol-d6	6.22	99	3733	6.64	ng	0.01
23) Nitrobenzene-d5	7.11	82	3004	6.40	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.89	172	5384	6.88	ng	-0.02
78) Terphenyl-d14	12.61	244	3528	4.81	ng	-0.02
Target Compounds						
10) Phenol	6.28	94	2432	3.92	ng	Qvalue # 53

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

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QLast Update : Thu Jul 28 16:02:32 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089408.D

Acq: 29 Jul 2016 13:16

Instrument :

BNA_F

ClientSampleId :

1607134563-67(COMPO)

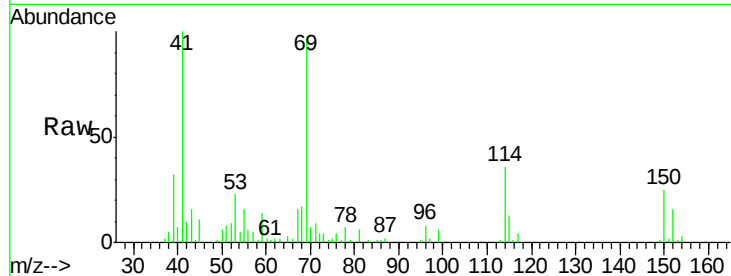
Tgt Ion:152 Resp: 6788

Ion Ratio Lower Upper

152 100

150 159.6 129.5 194.3

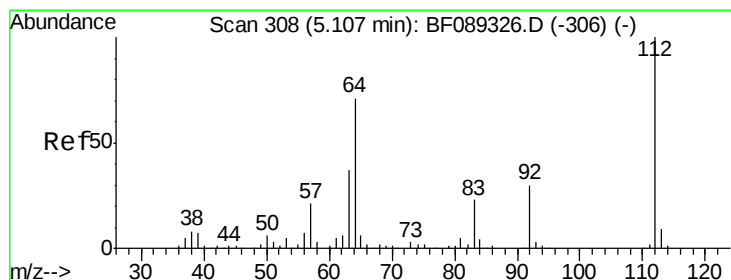
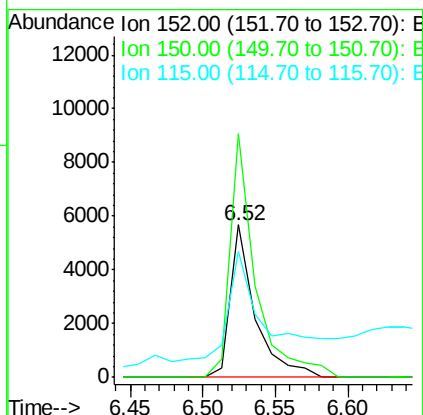
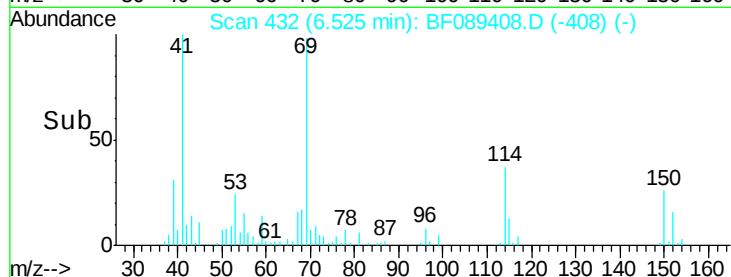
115 82.3 51.4 77.2#



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: 1.12 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.01 min

Lab File: BF089408.D

Acq: 29 Jul 2016 13:16

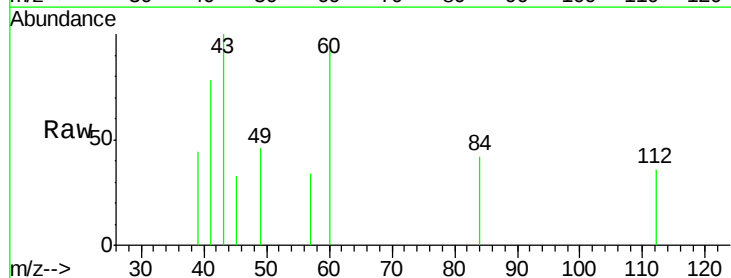
Tgt Ion:112 Resp: 475

Ion Ratio Lower Upper

112 100

64 0.0 55.0 82.6#

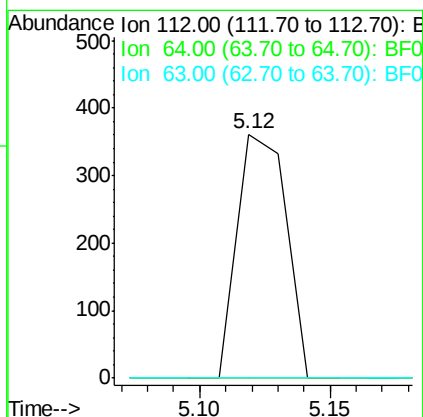
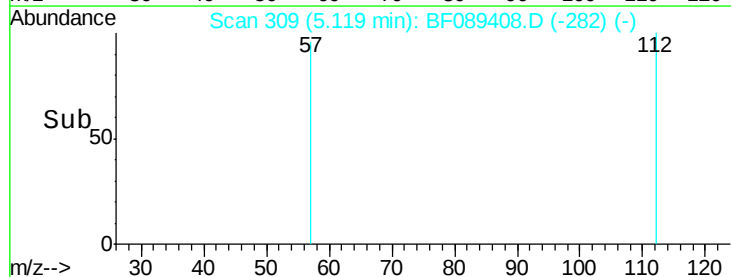
63 0.0 29.4 44.2#

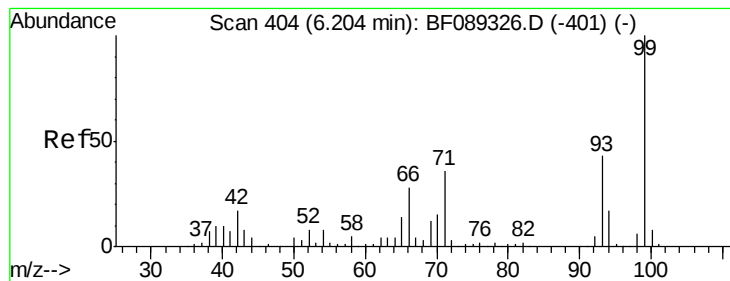


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.64 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF089408.D

Acq: 29 Jul 2016 13:16

Instrument :

BNA_F

ClientSampleId :

1607134563-67(COMPO)

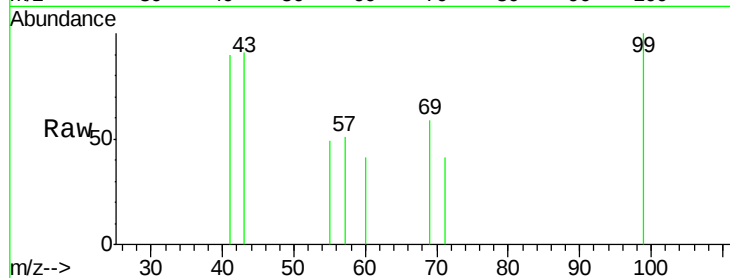
Tgt Ion: 99 Resp: 3733

Ion Ratio Lower Upper

99 100

42 0.0 13.6 20.4#

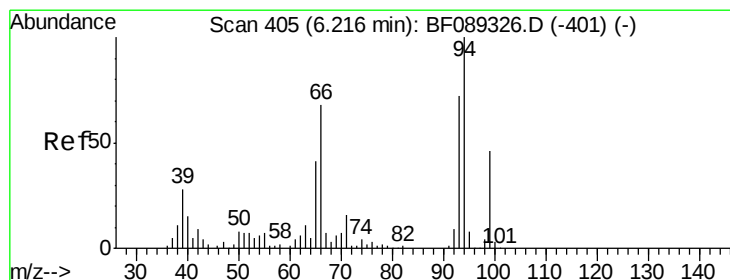
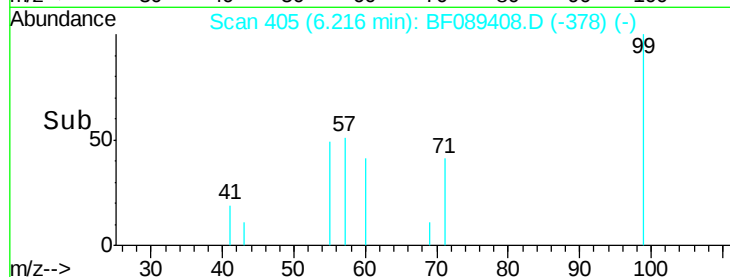
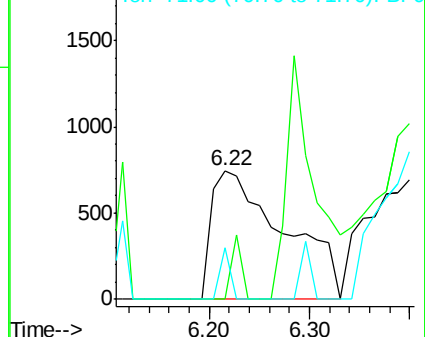
71 40.5 29.4 44.2



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



#10

Phenol

Concen: 3.92 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.07 min

Lab File: BF089408.D

Acq: 29 Jul 2016 13:16

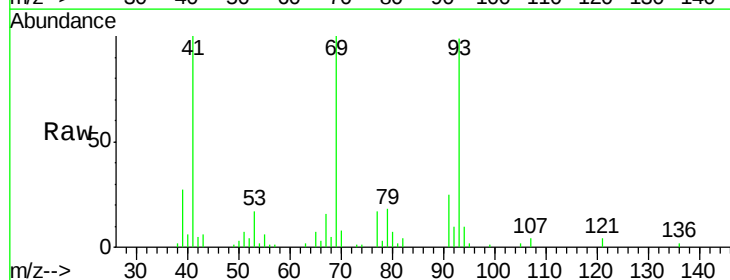
Tgt Ion: 94 Resp: 2432

Ion Ratio Lower Upper

94 100

65 67.5 19.1 59.1#

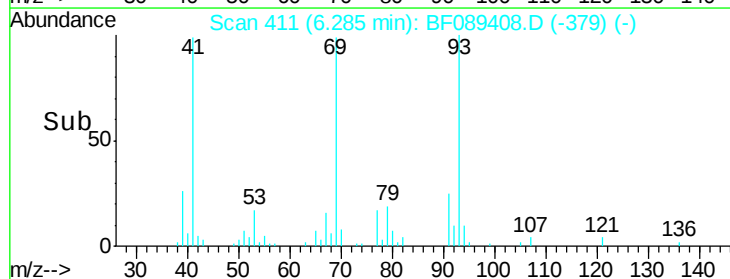
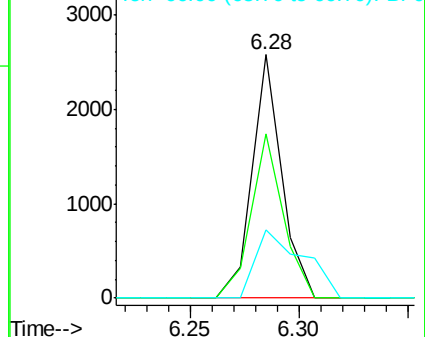
66 27.9 44.4 84.4#

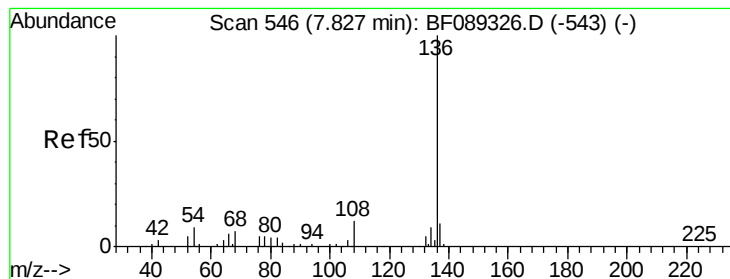


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089408.D

Acq: 29 Jul 2016 13:16

Instrument :

BNA_F

ClientSampleId :

1607134563-67(COMPO)

Tgt Ion:136 Resp: 27688

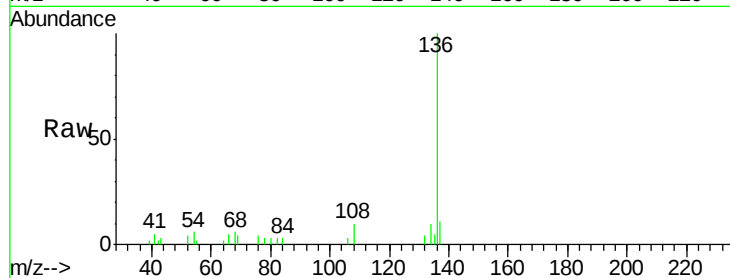
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 5.6 7.0 10.4#

68 6.2 4.9 7.3

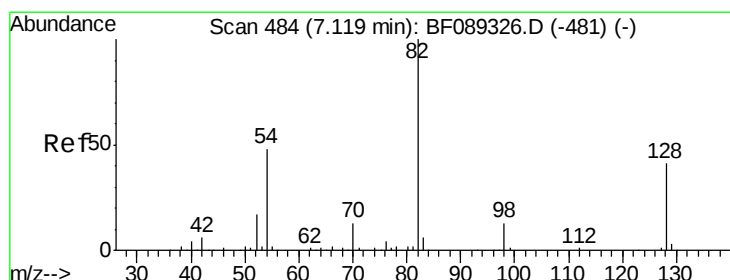
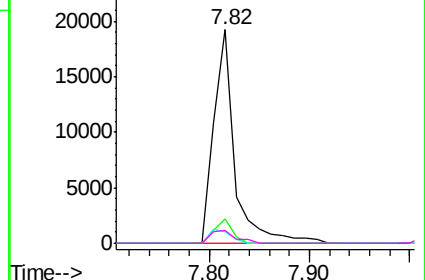
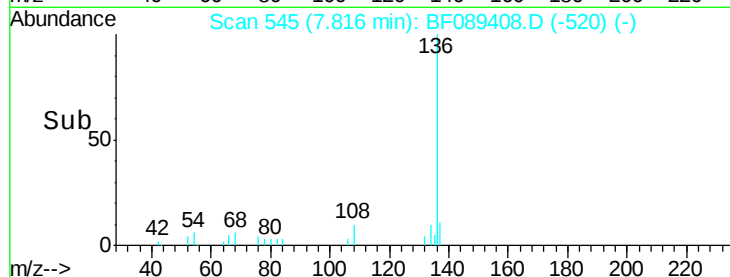


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.40 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF089408.D

Acq: 29 Jul 2016 13:16

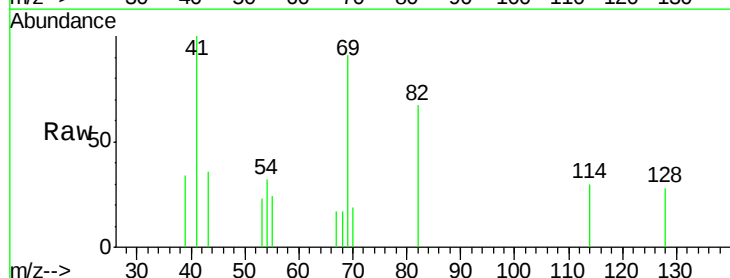
Tgt Ion: 82 Resp: 3004

Ion Ratio Lower Upper

82 100

128 42.6 32.5 48.7

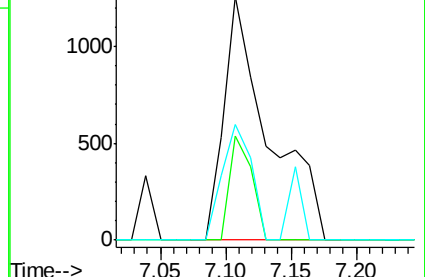
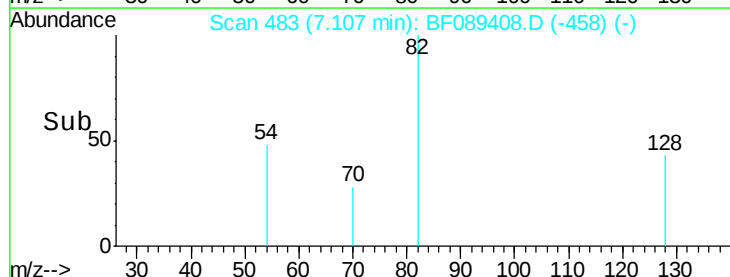
54 47.7 38.8 58.2

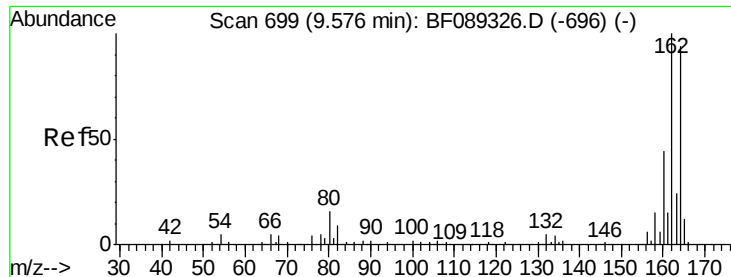


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

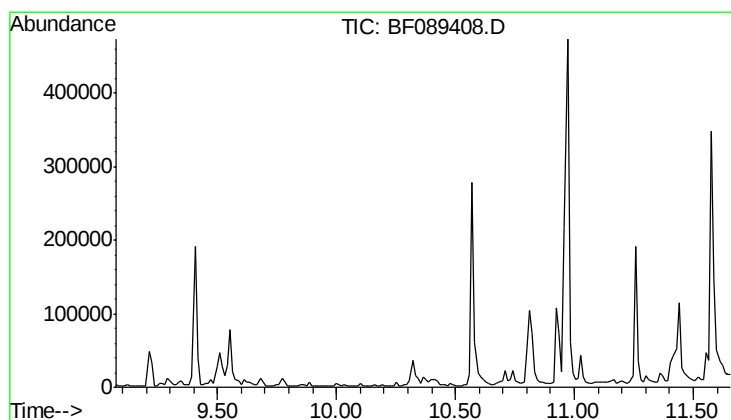
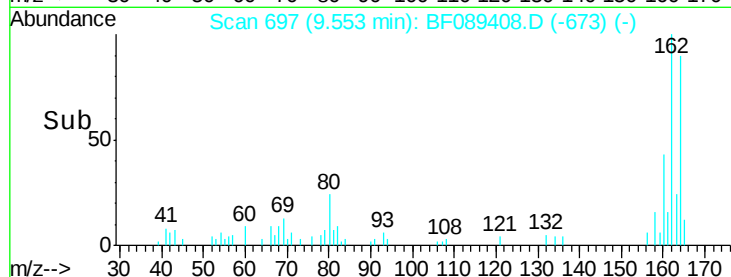
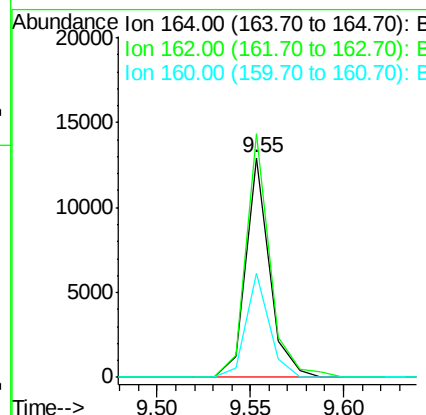
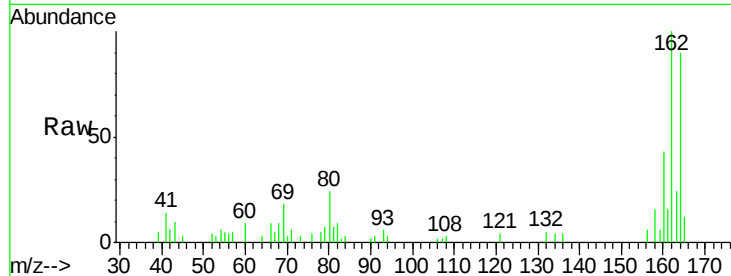




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089408.D
 Acq: 29 Jul 2016 13:16

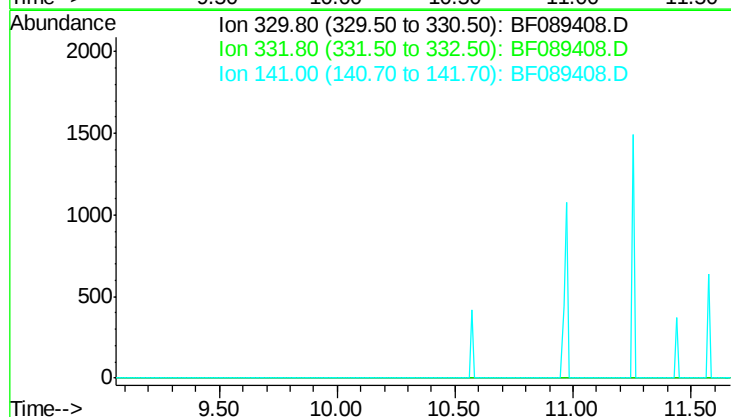
Instrument :
 BNA_F
 ClientSampleId :
 1607134563-67(COMPO)

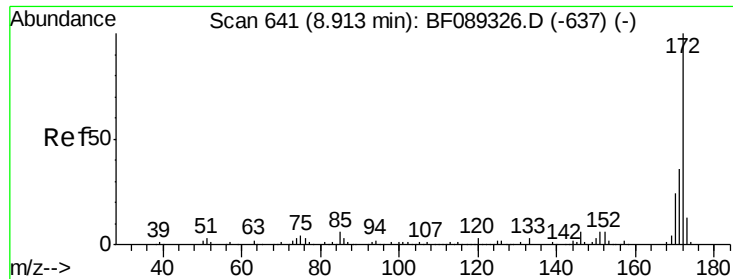
Tgt Ion:164 Resp: 11484
 Ion Ratio Lower Upper
 164 100
 162 110.9 83.7 125.5
 160 47.5 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.36 min
 Lab File: BF089408.D
 Acq: 29 Jul 2016 13:16

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 46.6

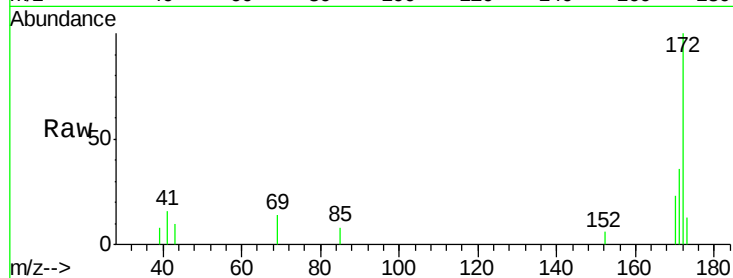




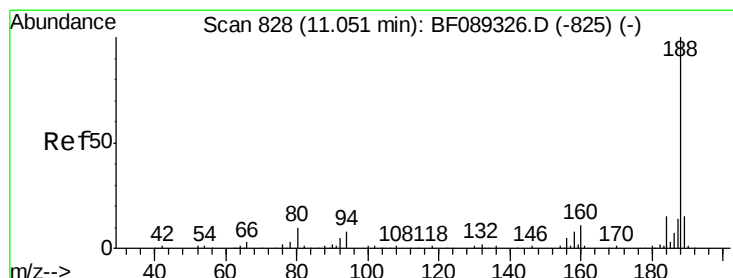
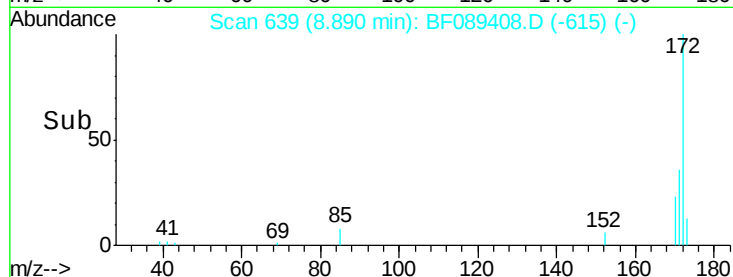
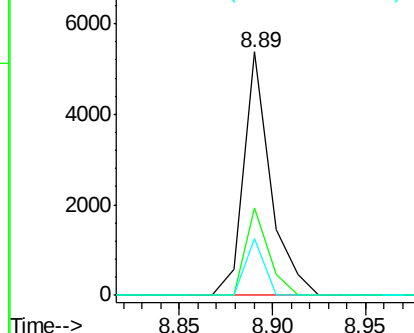
#44
 2-Fluorobiphenyl
 Concen: 6.88 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089408.D
 Acq: 29 Jul 2016 13:16

Instrument :
 BNA_F
 ClientSampleId :
 1607134563-67(COMPO)

Tgt Ion:172 Resp: 5384
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.4 19.2 28.8

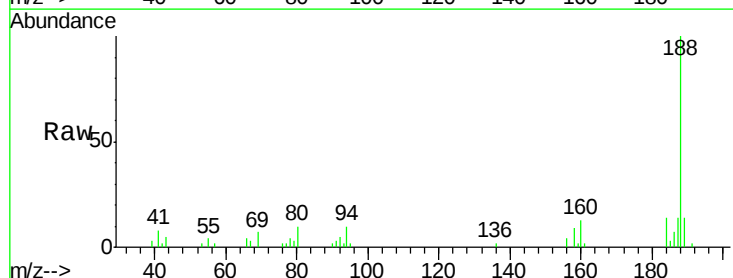


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

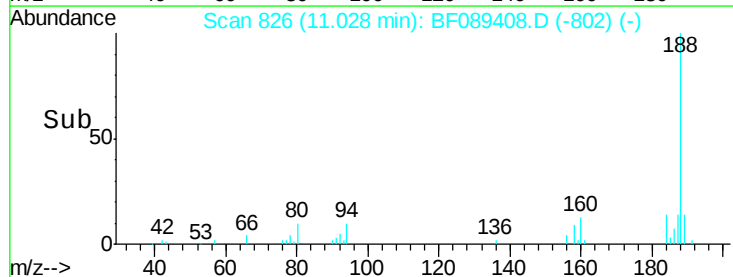
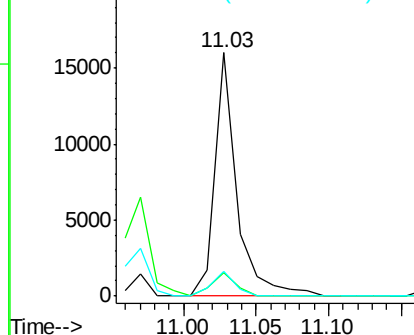


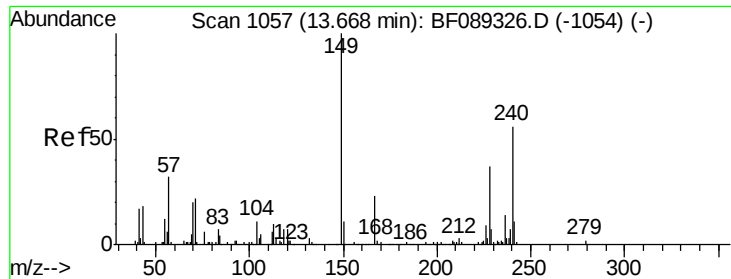
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF089408.D
 Acq: 29 Jul 2016 13:16

Tgt Ion:188 Resp: 16892
 Ion Ratio Lower Upper
 188 100
 94 9.6 6.5 9.7
 80 9.9 7.2 10.8



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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089408.D

Acq: 29 Jul 2016 13:16

Instrument :

BNA_F

ClientSampleId :

1607134563-67(COMPO)

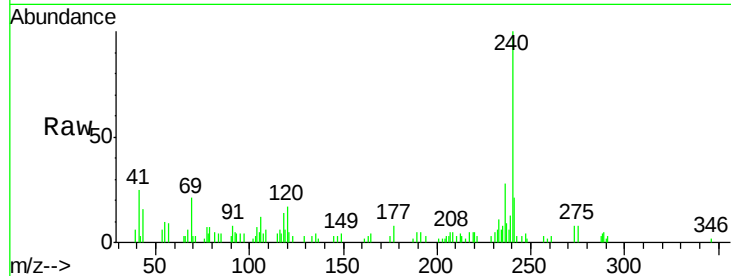
Tgt Ion:240 Resp: 17165

Ion Ratio Lower Upper

240 100

120 16.9 9.1 13.7#

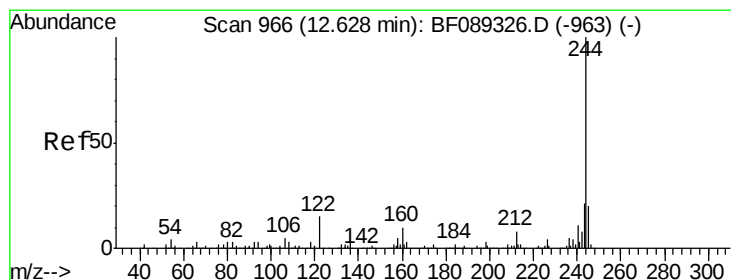
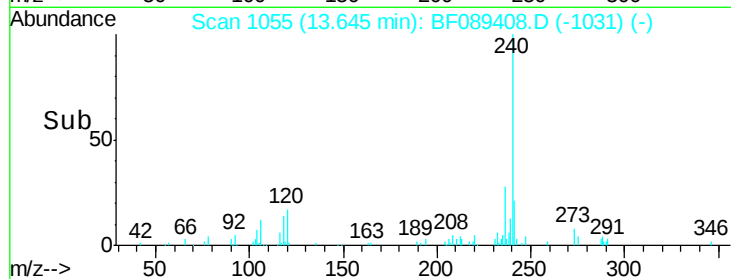
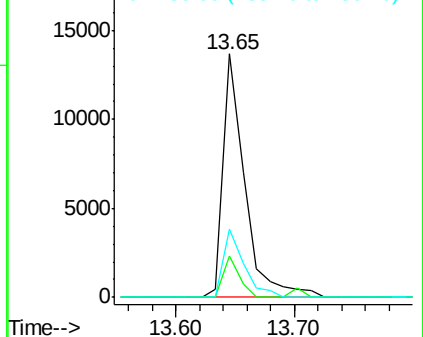
236 28.0 20.6 30.8



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: 4.81 ng

RT: 12.61 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF089408.D

Acq: 29 Jul 2016 13:16

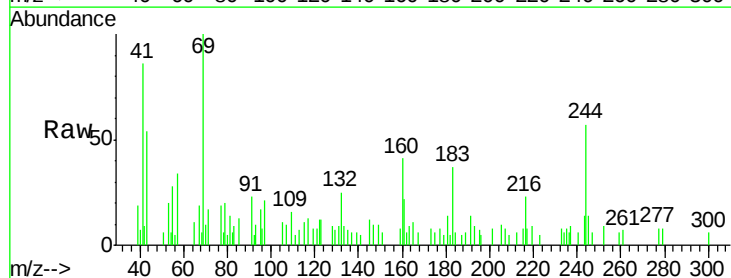
Tgt Ion:244 Resp: 3528

Ion Ratio Lower Upper

244 100

212 11.1 6.5 9.7#

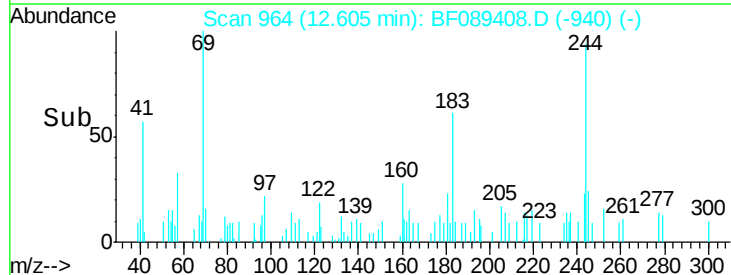
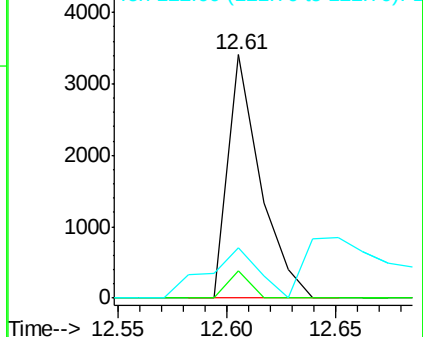
122 20.5 11.4 17.0#

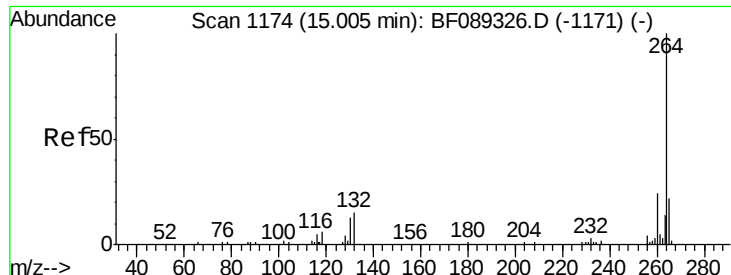


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089408.D
Acq: 29 Jul 2016 13:16

Instrument :
BNA_F
ClientSampleId :
1607134563-67(COMPO)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.4
265	24.2	17.5	26.3

