

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090042.D
 Acq On : 8 Sep 2016 23:36
 Operator : UM/SJ
 Sample : H4680-14 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-A-082916

Quant Time: Sep 09 06:32:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

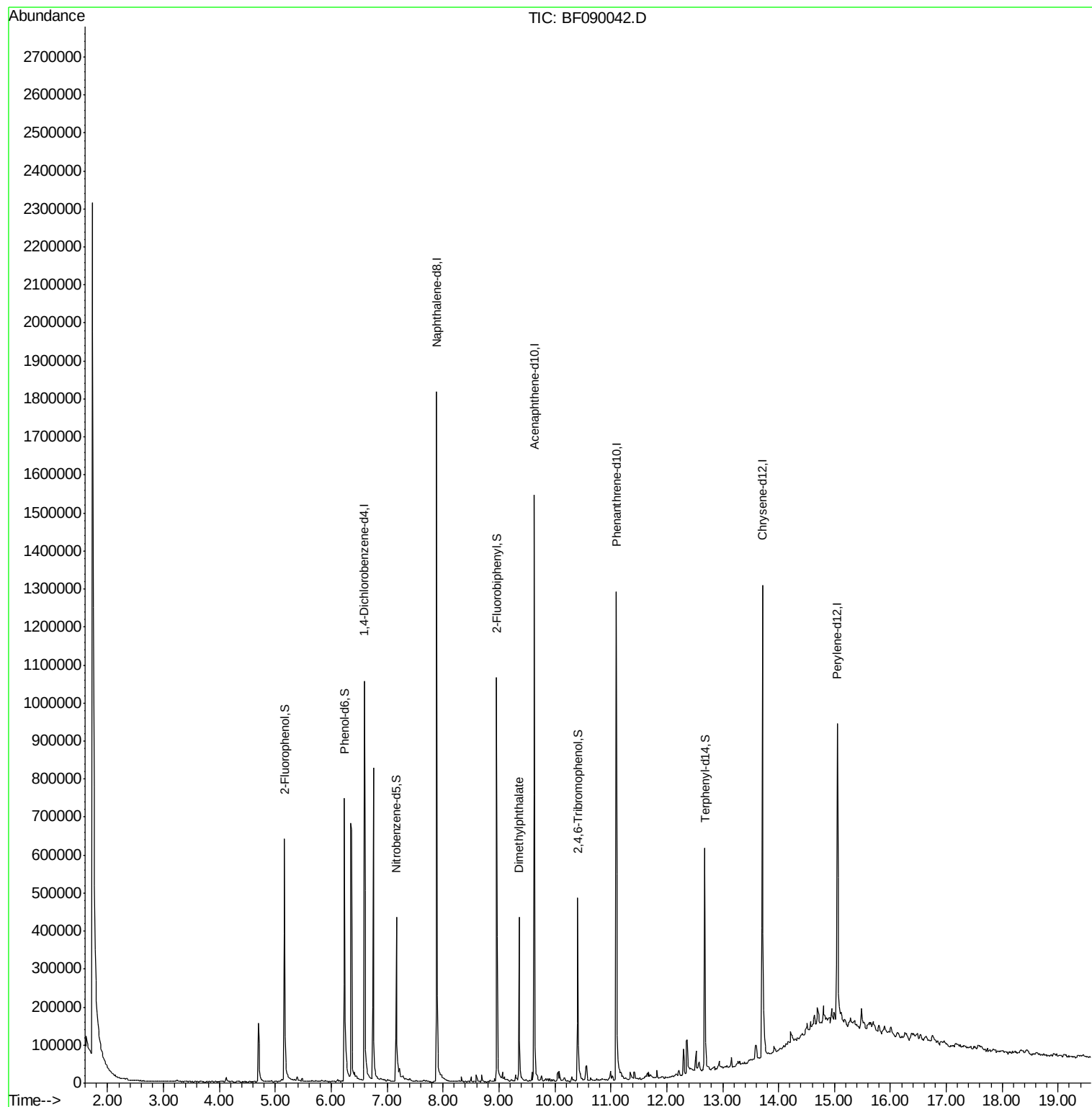
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	208008	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	843798	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	387271	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	619919	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	506549	20.00	ng	-0.01
86) Perylene-d12	15.05	264	386142	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	288375	22.19	ng	0.00
7) Phenol-d6	6.24	99	371716	23.54	ng	-0.01
23) Nitrobenzene-d5	7.16	82	201823	13.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	73665	19.28	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	419525	17.78	ng	-0.01
78) Terphenyl-d14	12.69	244	308020	15.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.36	163	192663	6.88	ng	Qvalue 99

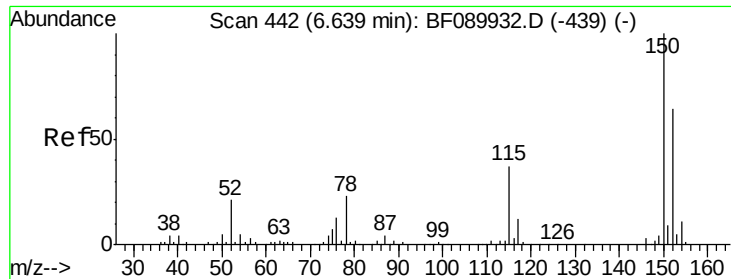
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

Instrument :

BNA_F

ClientSampleId :

DUP-A-082916

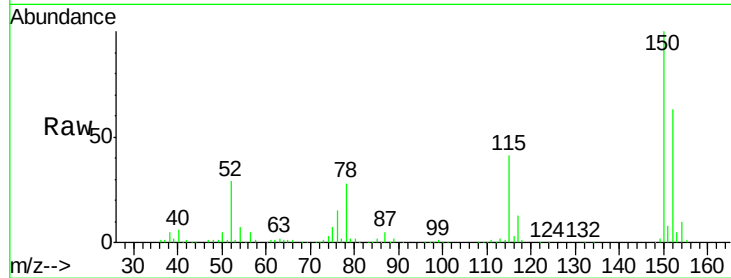
Tgt Ion:152 Resp: 208008

Ion Ratio Lower Upper

152 100

150 159.0 127.4 191.2

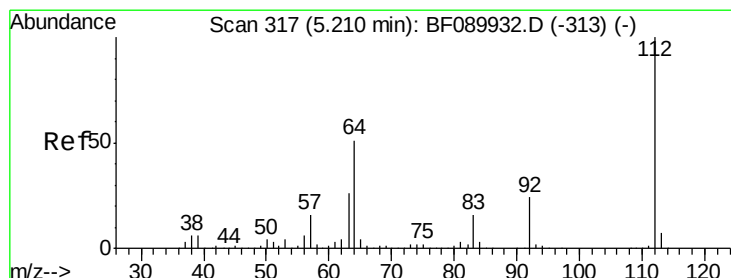
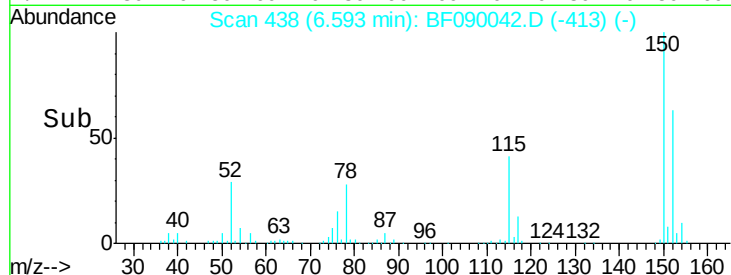
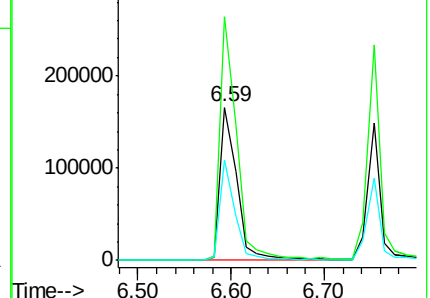
115 65.5 46.3 69.5



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: 22.19 ng

RT: 5.16 min Scan# 313

Delta R.T. 0.00 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

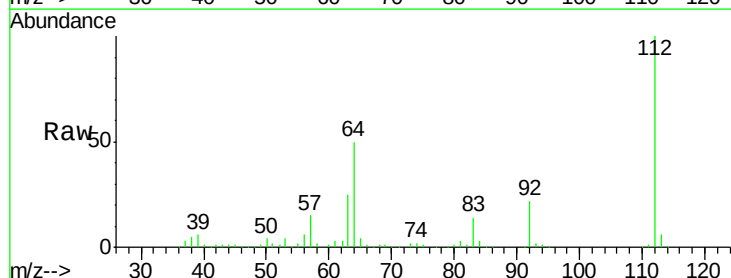
Tgt Ion:112 Resp: 288375

Ion Ratio Lower Upper

112 100

64 49.7 41.1 61.7

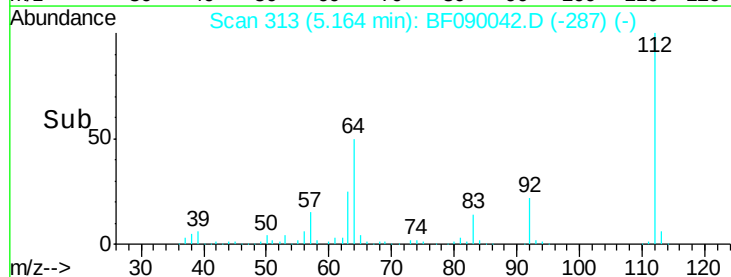
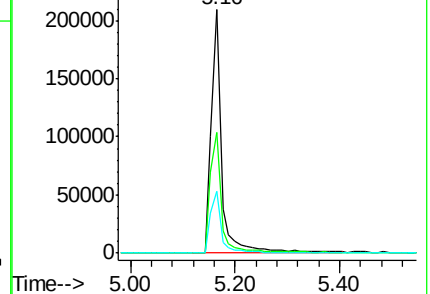
63 25.3 21.2 31.8

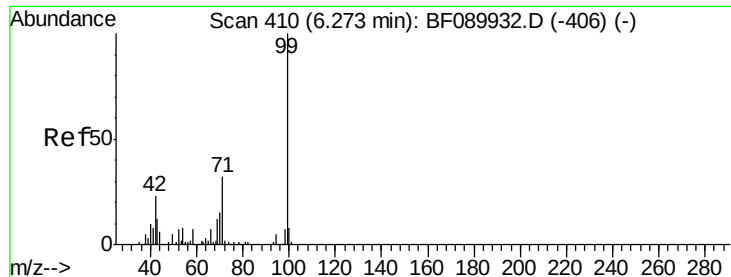


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.54 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

Instrument :

BNA_F

ClientSampleId :

DUP-A-082916

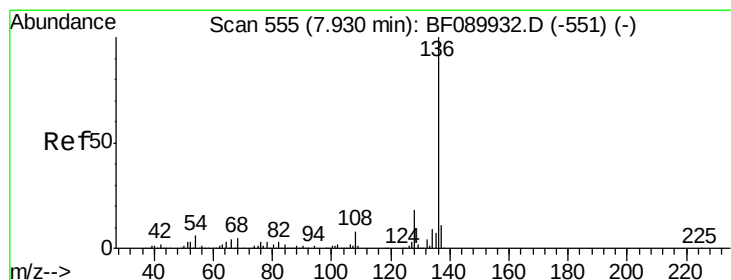
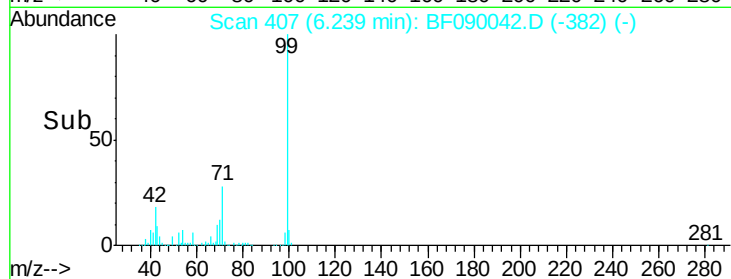
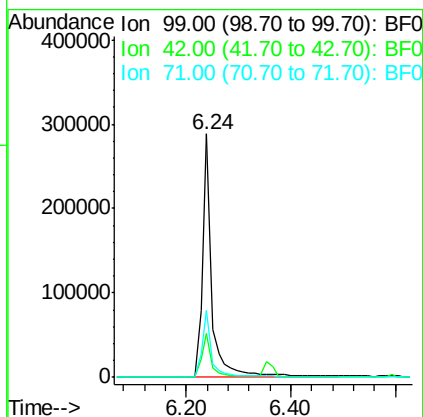
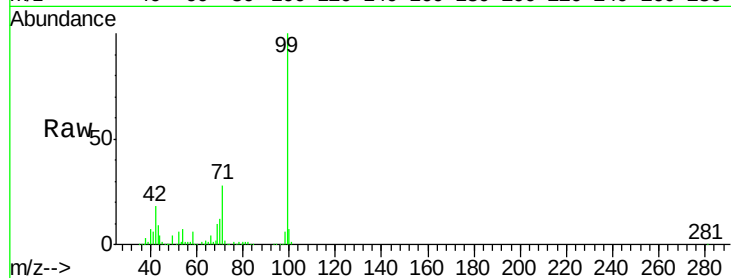
Tgt Ion: 99 Resp: 371716

Ion Ratio Lower Upper

99 100

42 18.0 18.6 27.8#

71 27.6 25.8 38.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

Tgt Ion: 136 Resp: 843798

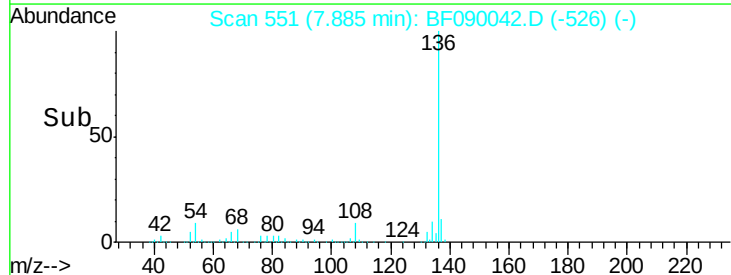
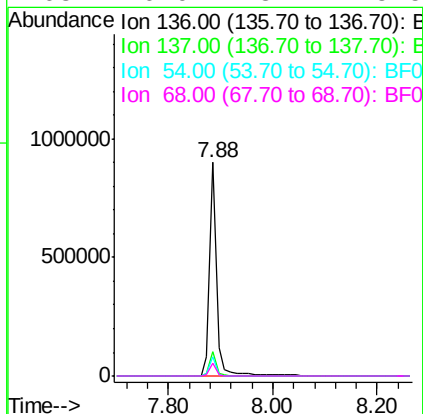
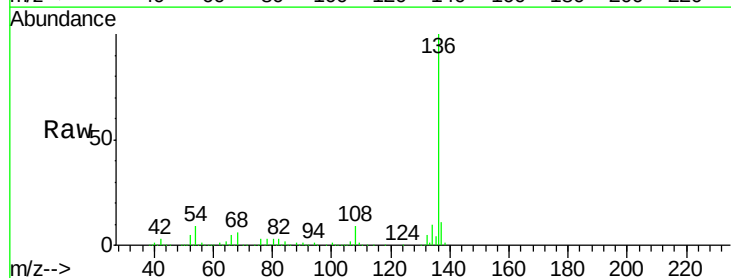
Ion Ratio Lower Upper

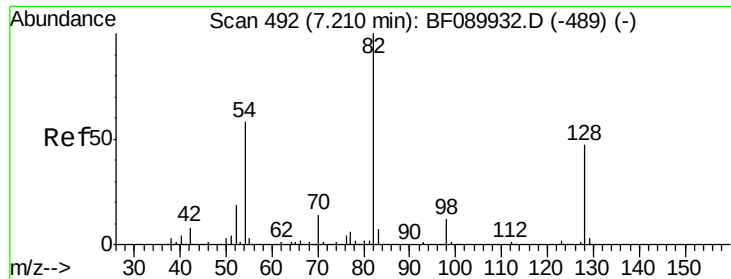
136 100

137 11.2 8.3 12.5

54 9.2 4.8 7.2#

68 6.0 3.7 5.5#

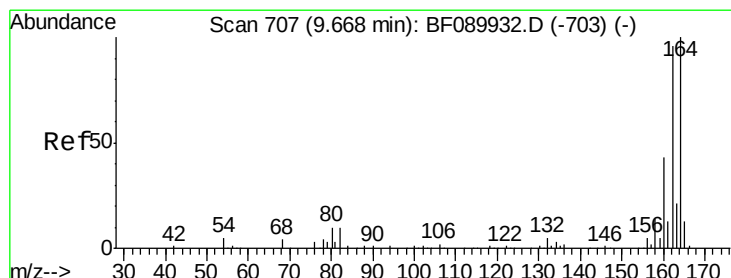
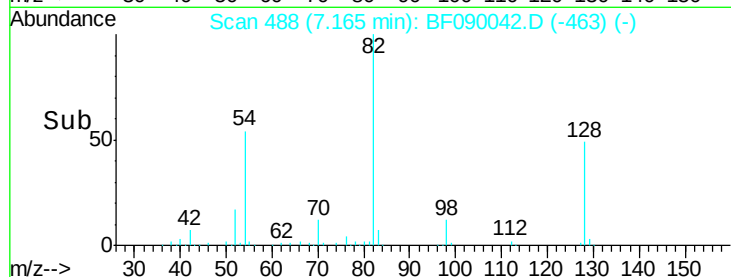
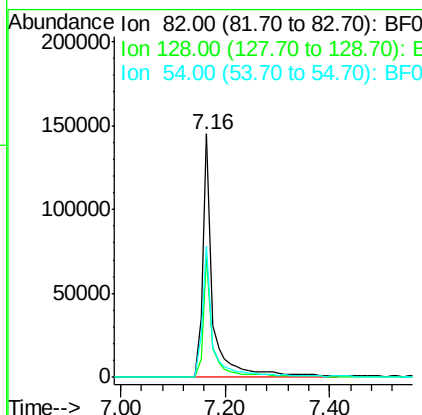
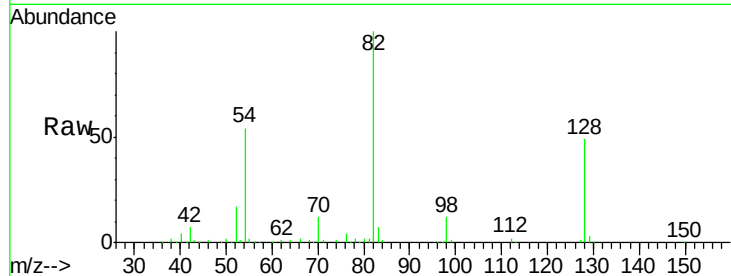




#23
 Nitrobenzene-d5
 Concen: 13.87 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF090042.D
 Acq: 8 Sep 2016 23:36

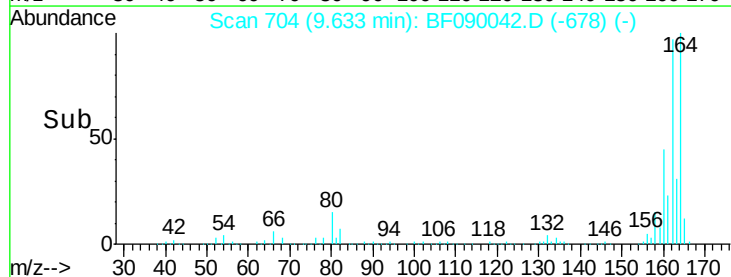
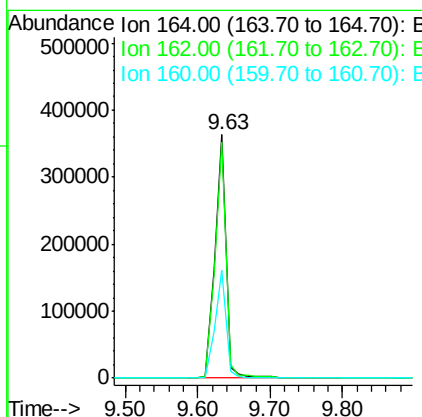
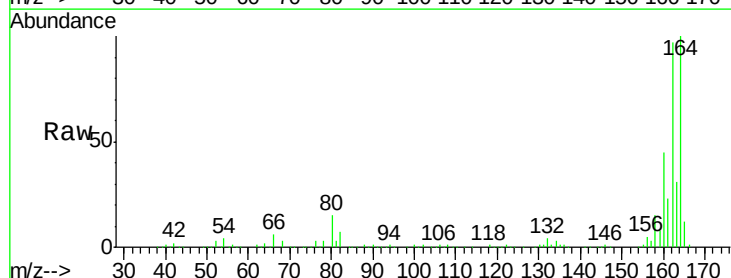
Instrument :
 BNA_F
 ClientSampleId :
 DUP-A-082916

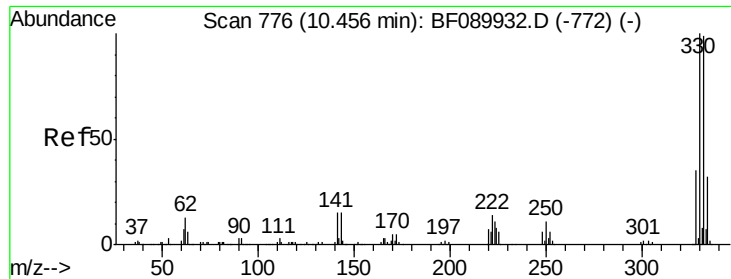
Tgt Ion: 82 Resp: 201823
 Ion Ratio Lower Upper
 82 100
 128 48.9 37.8 56.8
 54 53.6 46.9 70.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF090042.D
 Acq: 8 Sep 2016 23:36

Tgt Ion: 164 Resp: 387271
 Ion Ratio Lower Upper
 164 100
 162 96.8 77.1 115.7
 160 44.6 35.3 52.9

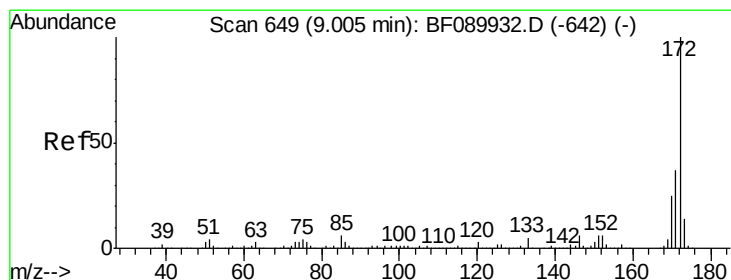
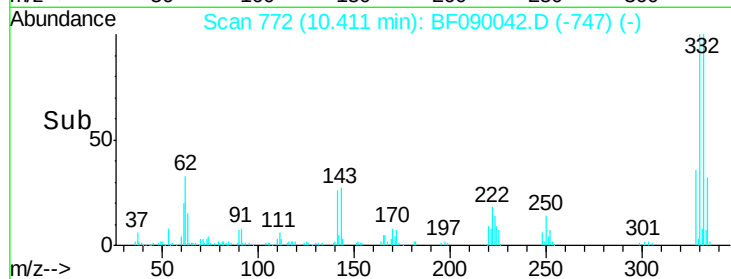
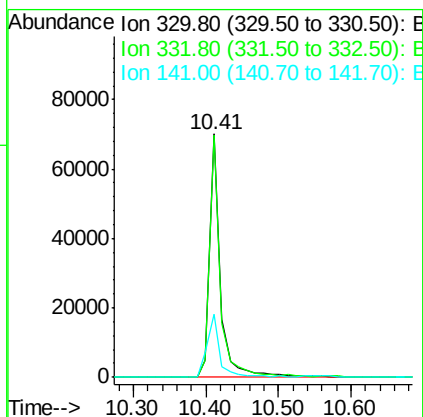
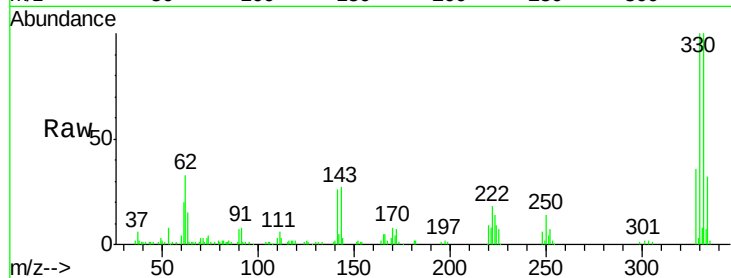




#41
 2,4,6-Tribromophenol
 Concen: 19.28 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090042.D
 Acq: 8 Sep 2016 23:36

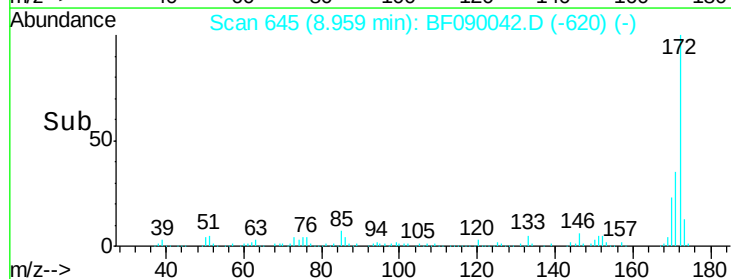
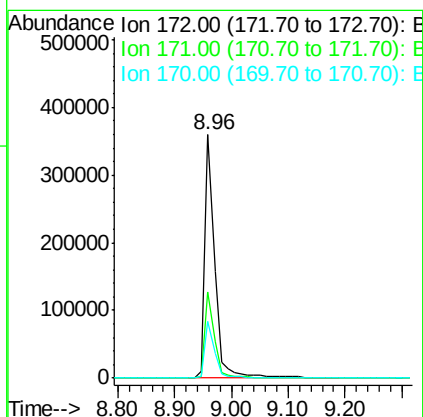
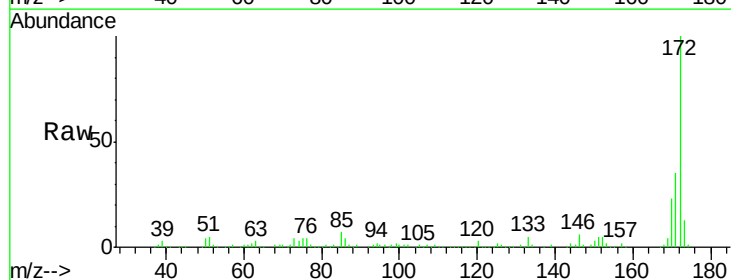
Instrument :
 BNA_F
 ClientSampleId :
 DUP-A-082916

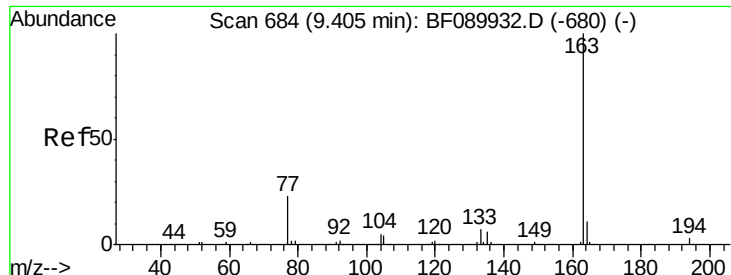
Tgt Ion:330 Resp: 73665
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.6 117.8
 141 31.1 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 17.78 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF090042.D
 Acq: 8 Sep 2016 23:36

Tgt Ion:172 Resp: 419525
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.2
 170 23.3 20.1 30.1





#49

Dimethylphthalate

Concen: 6.88 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

Instrument :

BNA_F

ClientSampleId :

DUP-A-082916

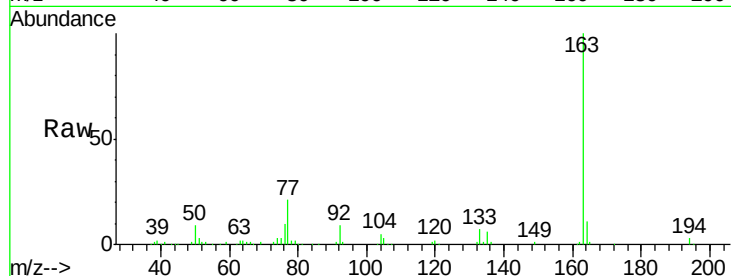
Tgt Ion:163 Resp: 192663

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

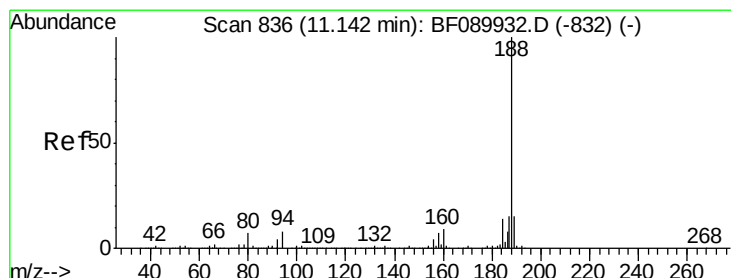
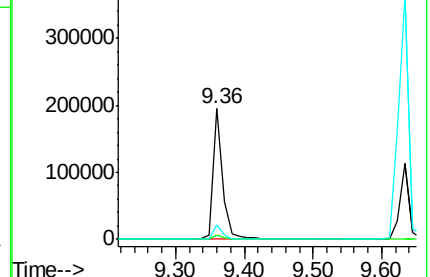
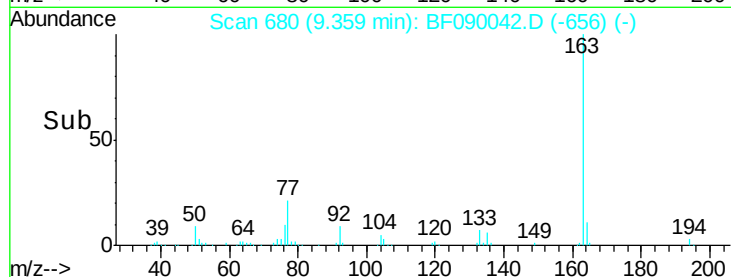
164 10.6 9.0 13.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

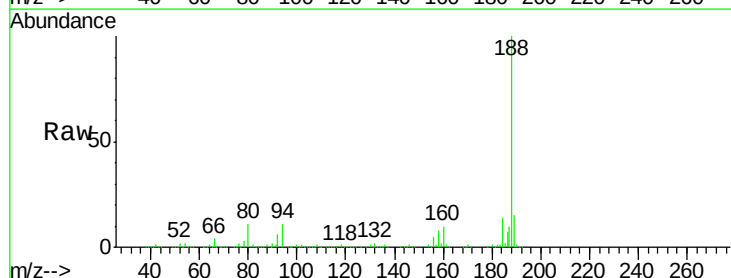
Tgt Ion:188 Resp: 619919

Ion Ratio Lower Upper

188 100

94 11.2 5.9 8.9#

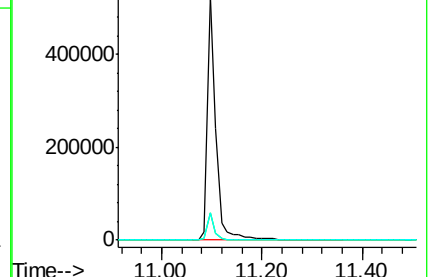
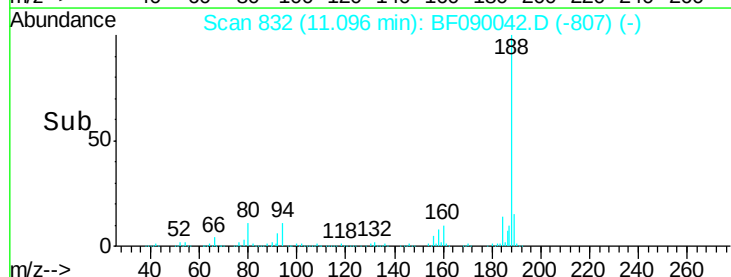
80 11.4 5.8 8.8#

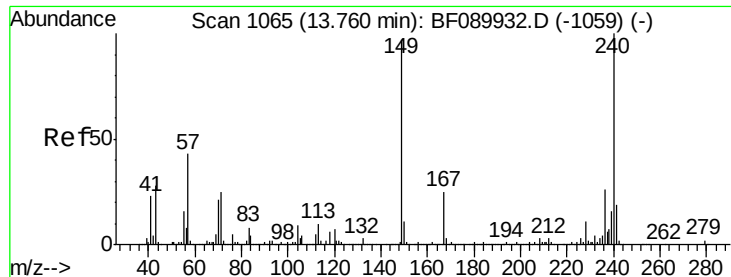


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

Instrument :

BNA_F

ClientSampleId :

DUP-A-082916

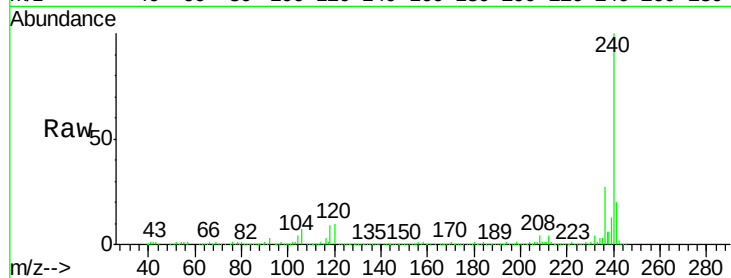
Tgt Ion:240 Resp: 506549

Ion Ratio Lower Upper

240 100

120 10.4 5.7 8.5#

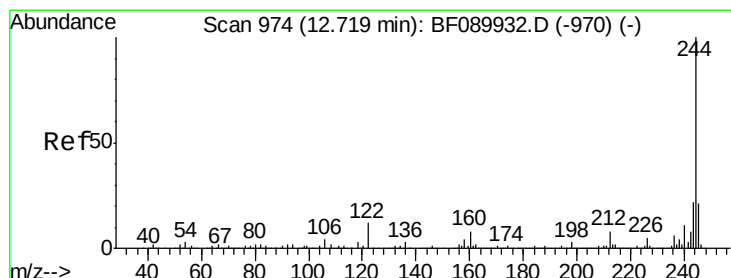
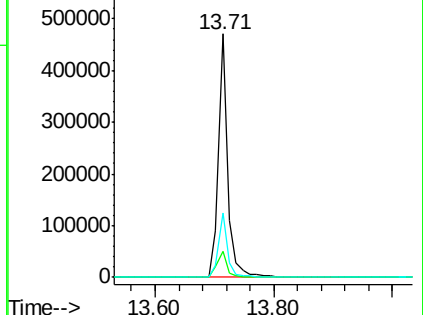
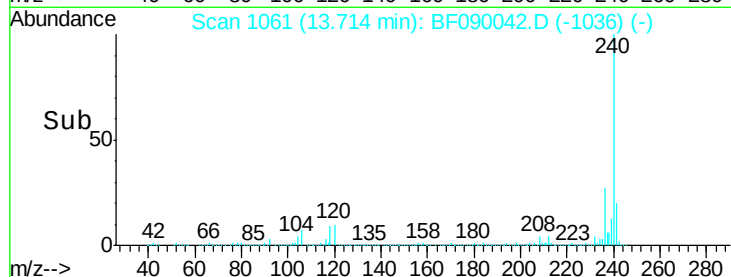
236 26.5 21.3 31.9



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: 15.02 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

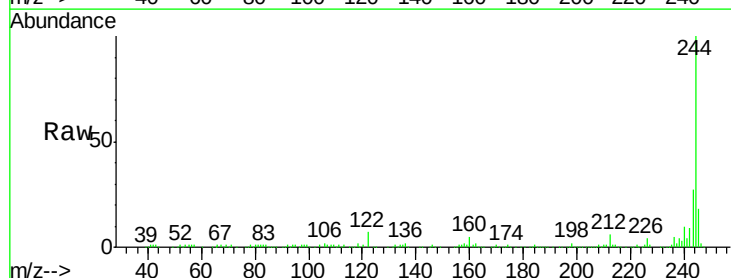
Tgt Ion:244 Resp: 308020

Ion Ratio Lower Upper

244 100

212 6.2 6.1 9.1

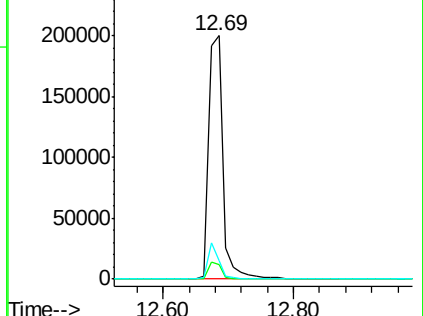
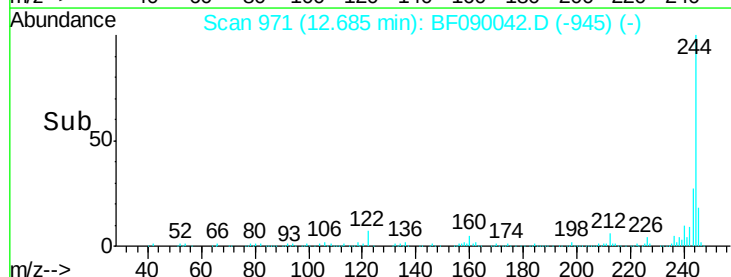
122 7.5 9.6 14.4#

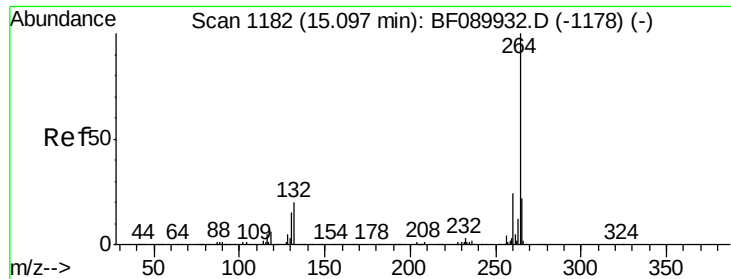


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF090042.D
Acq: 8 Sep 2016 23:36

Instrument :
BNA_F
ClientSampleId :
DUP-A-082916

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.4	17.4	26.2

