

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089861.D
 Acq On : 24 Aug 2016 5:08
 Operator : UM/SJ
 Sample : BL-CHIPS-4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-CHIPS-4

Quant Time: Aug 25 14:32:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	439943	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1920915	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	884955	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1583918	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	1242531	20.00	ng	-0.02
86) Perylene-d12	15.36	264	1019299	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3170287	123.58	ng	-0.01
7) Phenol-d6	6.31	99	3745414	118.93	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2300232	74.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	934990	111.17	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4476851	88.91	ng	-0.01
78) Terphenyl-d14	12.78	244	3525352	64.19	ng	-0.01

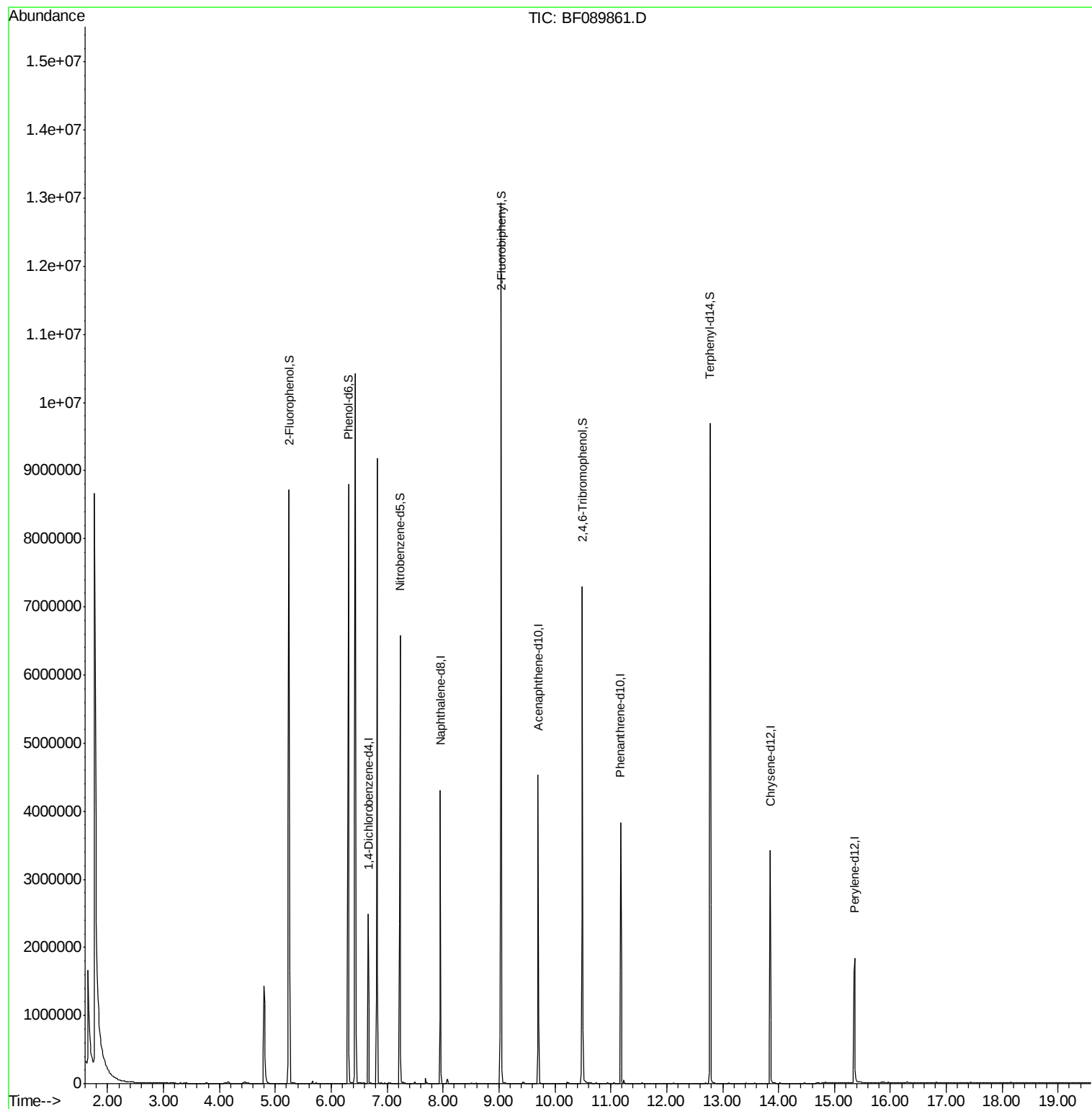
Target Compounds	Qvalue
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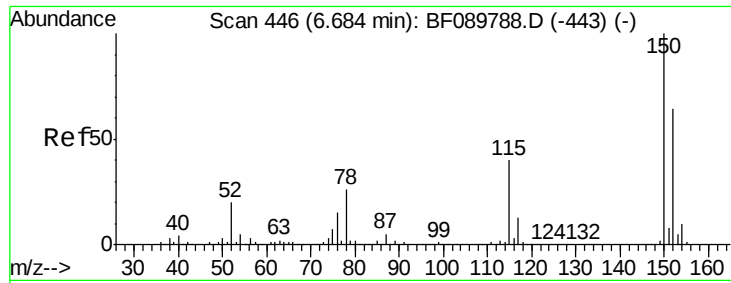
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089861.D

Acq: 24 Aug 2016 5:08

Instrument :

BNA_F

ClientSampleId :

BL-CHIPS-4

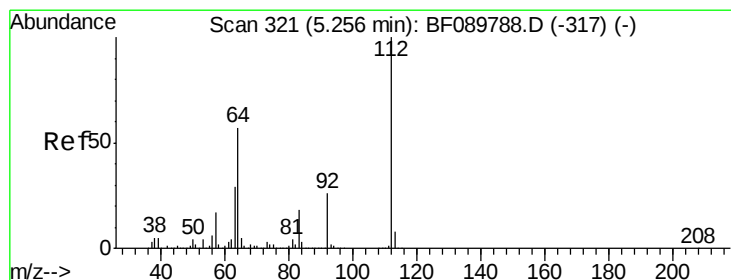
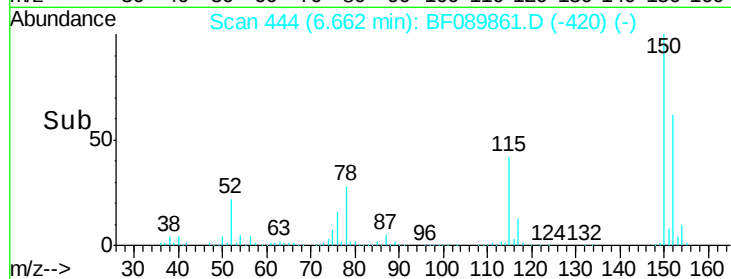
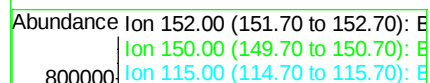
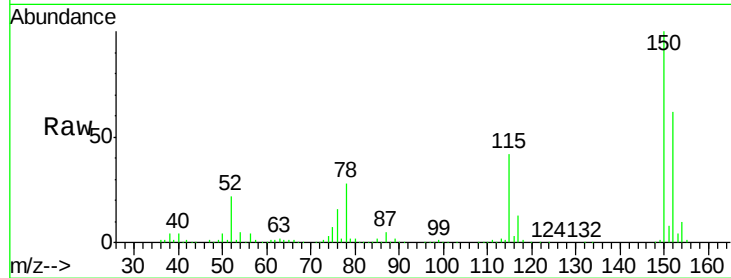
Tgt Ion:152 Resp: 439943

Ion Ratio Lower Upper

152 100

150 162.2 125.3 187.9

115 67.6 40.9 61.3#



#5

2-Fluorophenol

Concen: 123.58 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089861.D

Acq: 24 Aug 2016 5:08

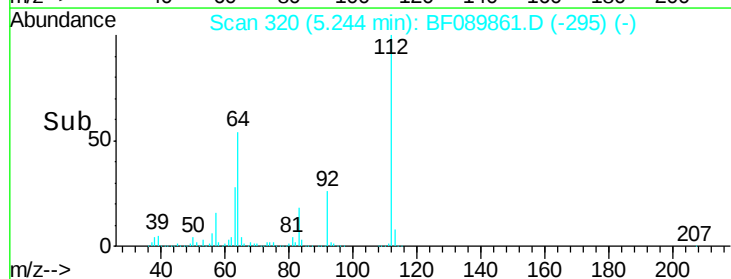
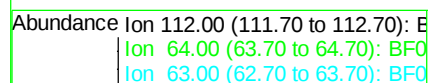
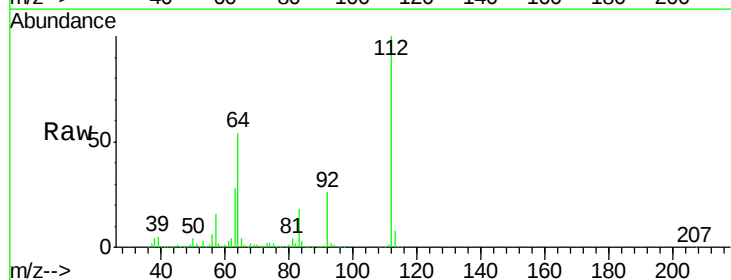
Tgt Ion:112 Resp: 3170287

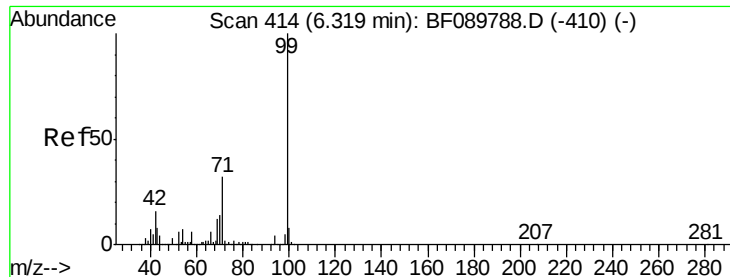
Ion Ratio Lower Upper

112 100

64 54.2 45.0 67.4

63 27.6 23.1 34.7





#7

Phenol-d6

Concen: 118.93 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089861.D

Acq: 24 Aug 2016 5:08

Instrument :

BNA_F

ClientSampleId :

BL-CHIPS-4

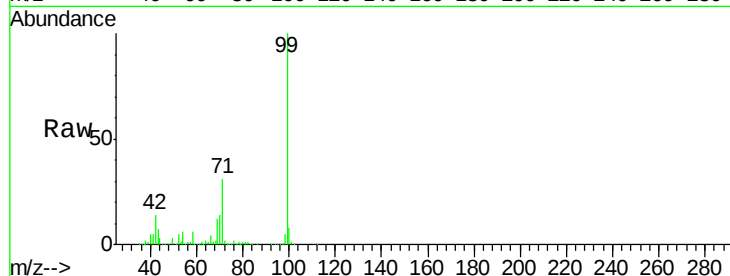
Tgt Ion: 99 Resp: 3745414

Ion Ratio Lower Upper

99 100

42 13.9 12.2 18.4

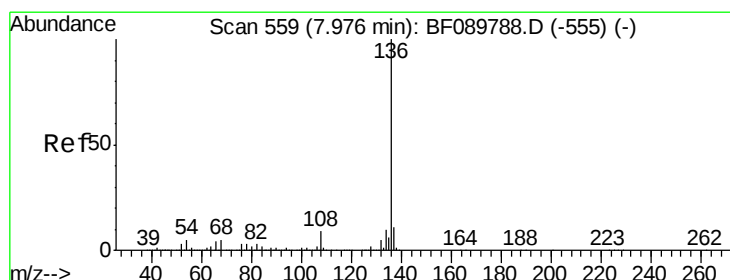
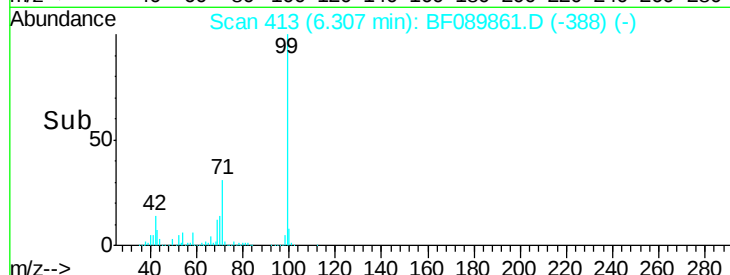
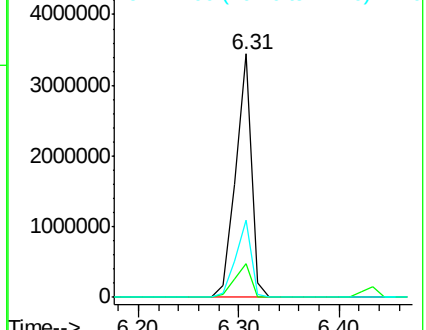
71 31.5 23.8 35.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089861.D

Acq: 24 Aug 2016 5:08

Tgt Ion: 136 Resp: 1920915

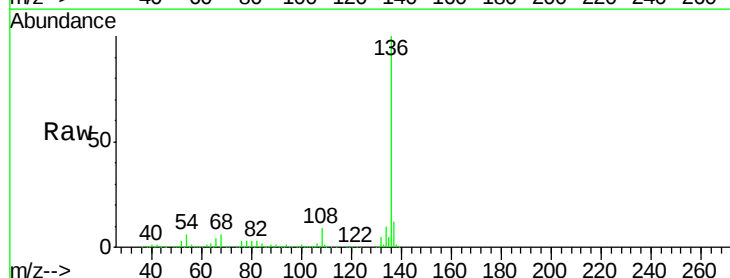
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 6.1 7.2 10.8#

68 5.9 5.8 8.8

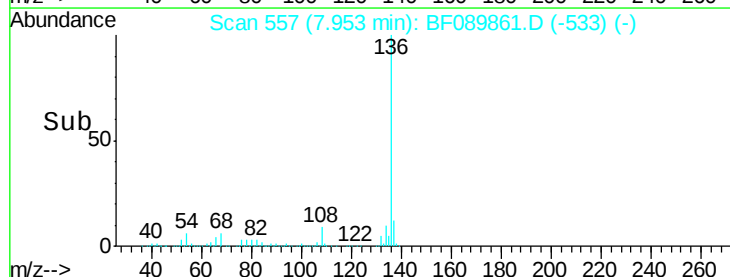
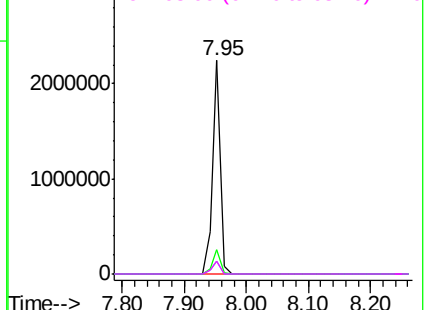


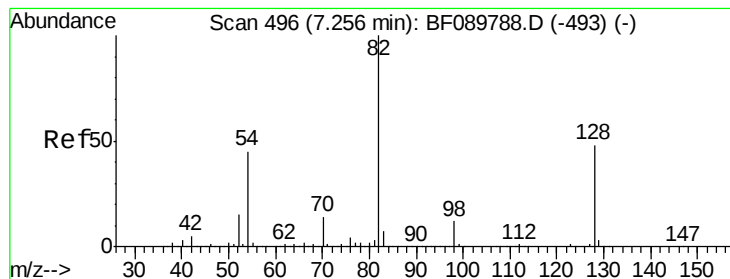
Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.39 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089861.D

Acq: 24 Aug 2016 5:08

Instrument :

BNA_F

ClientSampleId :

BL-CHIPS-4

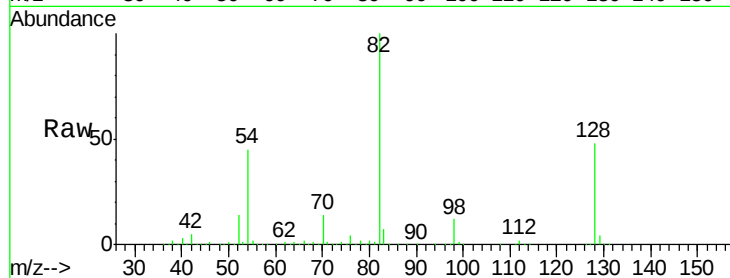
Tgt Ion: 82 Resp: 2300232

Ion Ratio Lower Upper

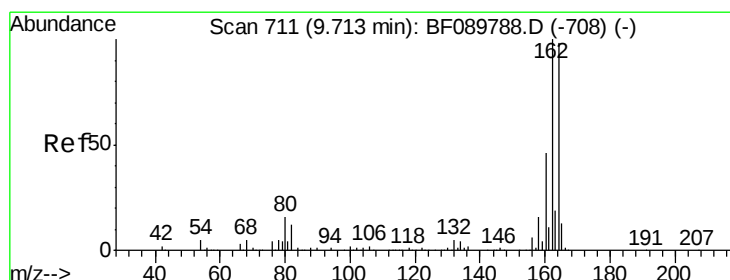
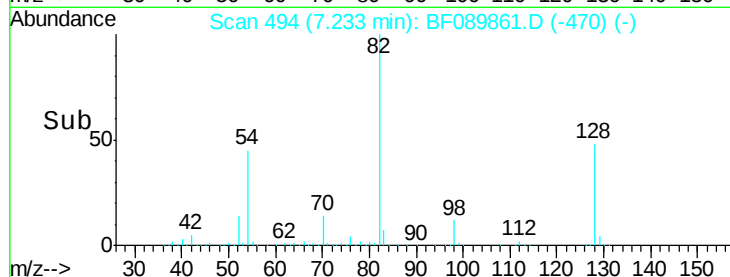
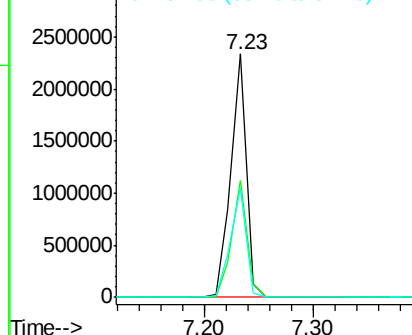
82 100

128 48.2 34.4 51.6

54 45.1 40.3 60.5



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: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089861.D

Acq: 24 Aug 2016 5:08

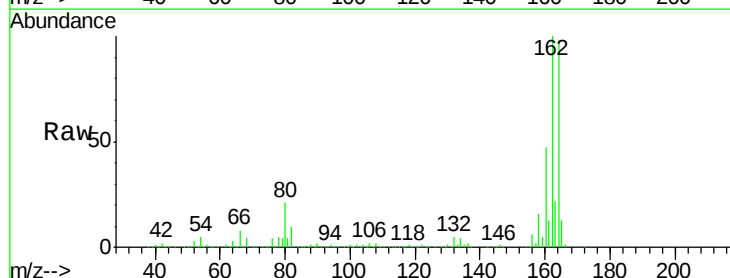
Tgt Ion: 164 Resp: 884955

Ion Ratio Lower Upper

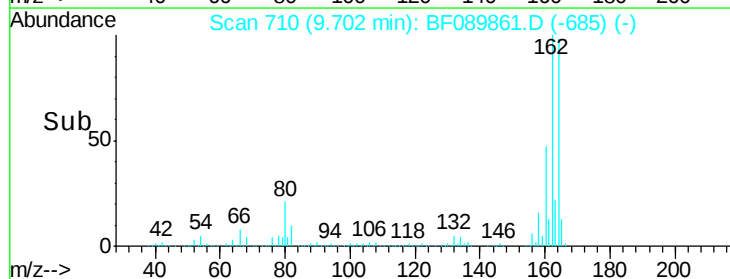
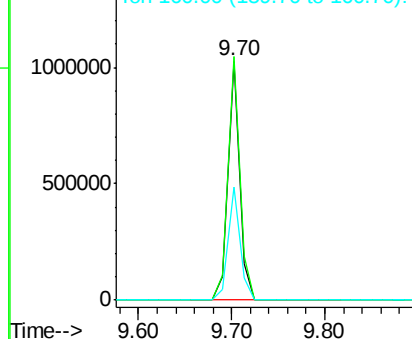
164 100

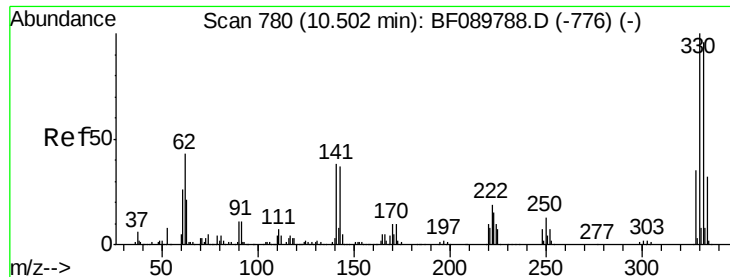
162 102.1 81.4 122.2

160 47.5 37.8 56.6



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

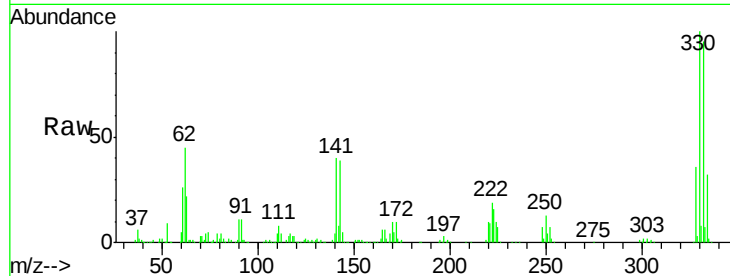




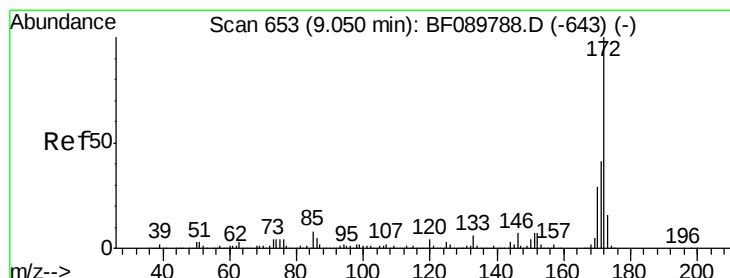
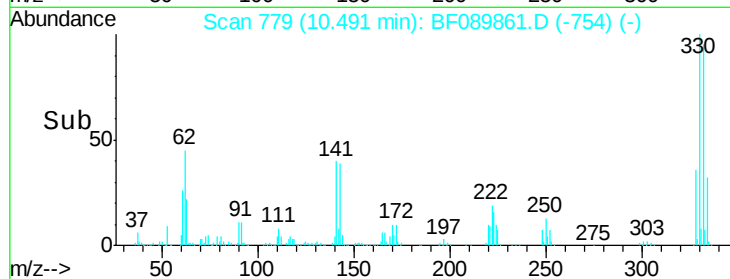
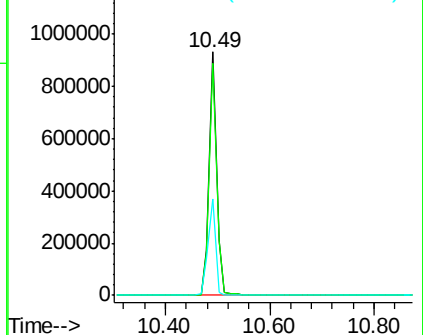
#41
 2,4,6-Tribromophenol
 Concen: 111.17 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089861.D
 Acq: 24 Aug 2016 5:08

Instrument :
 BNA_F
 ClientSampleId :
 BL-CHIPS-4

Tgt Ion:330 Resp: 934990
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.7 115.1
 141 39.9 30.2 45.2

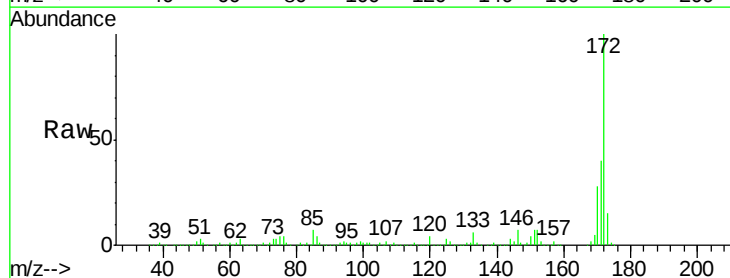


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

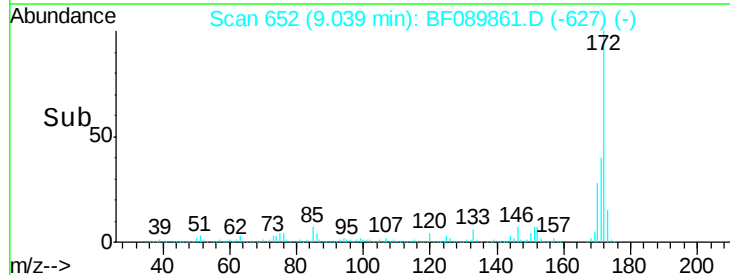
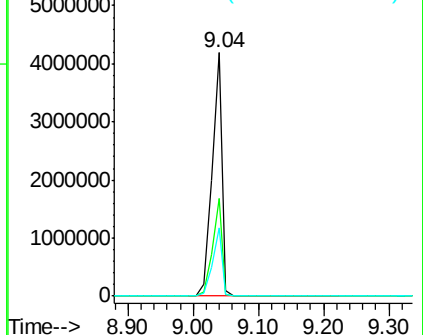


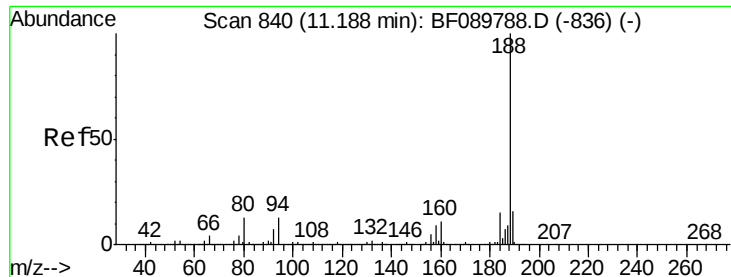
#44
 2-Fluorobiphenyl
 Concen: 88.91 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089861.D
 Acq: 24 Aug 2016 5:08

Tgt Ion:172 Resp: 4476851
 Ion Ratio Lower Upper
 172 100
 171 40.4 30.5 45.7
 170 28.0 20.6 31.0



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

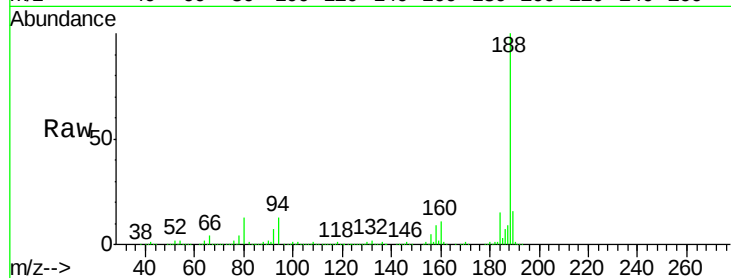




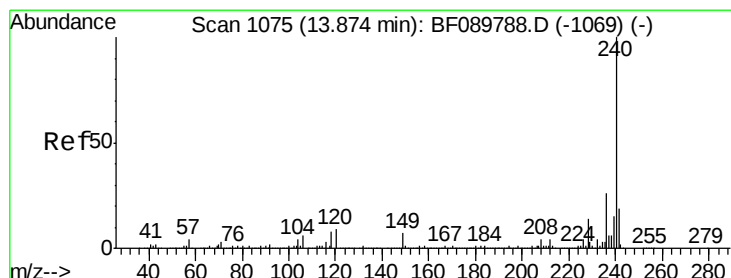
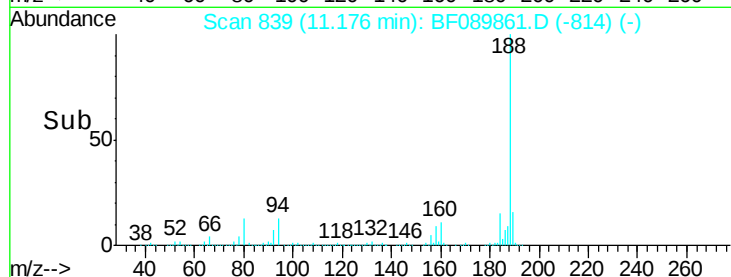
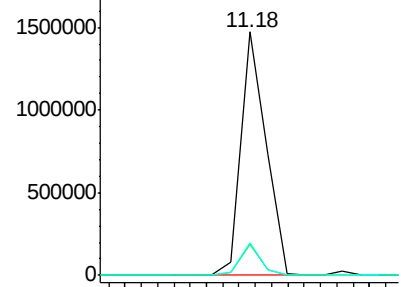
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089861.D
Acq: 24 Aug 2016 5:08

Instrument :
BNA_F
ClientSampleId :
BL-CHIPS-4

Tgt Ion:188 Resp: 1583918
Ion Ratio Lower Upper
188 100
94 12.8 10.2 15.2
80 13.4 10.9 16.3

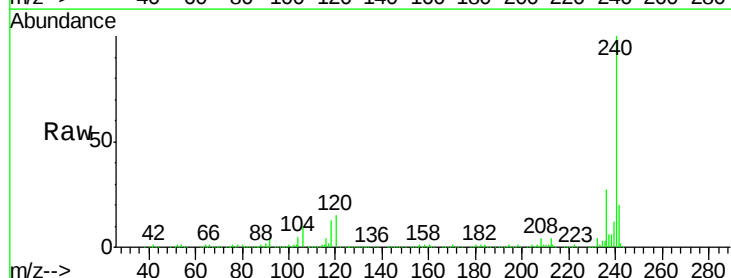


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

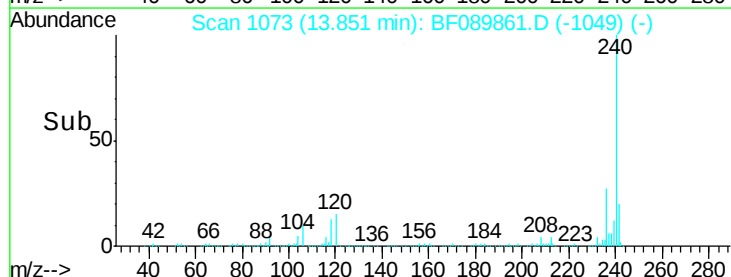
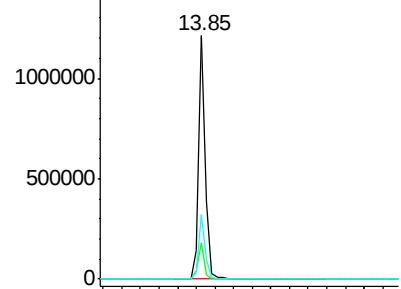


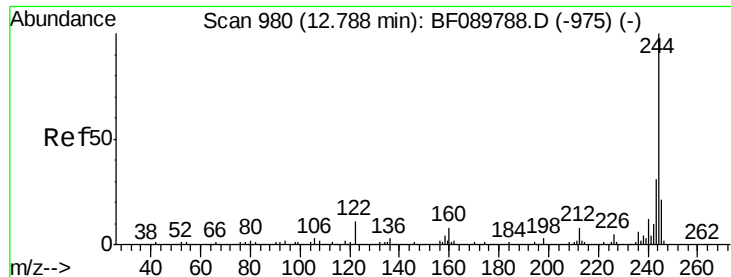
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF089861.D
Acq: 24 Aug 2016 5:08

Tgt Ion:240 Resp: 1242531
Ion Ratio Lower Upper
240 100
120 14.9 8.3 12.5#
236 26.7 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: 64.19 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089861.D

Acq: 24 Aug 2016 5:08

Instrument :

BNA_F

ClientSampleId :

BL-CHIPS-4

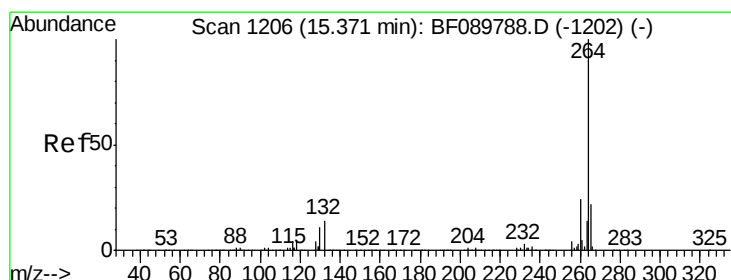
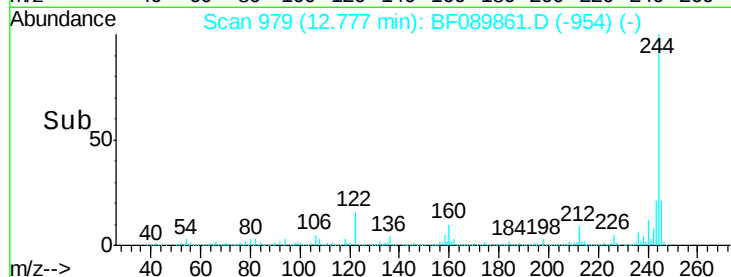
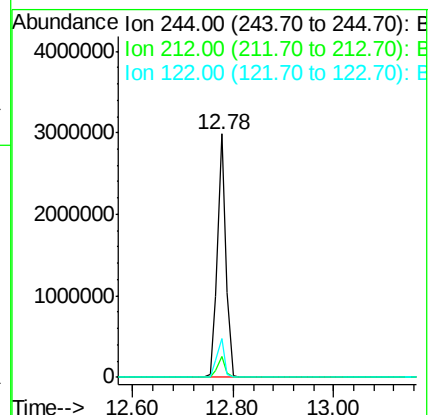
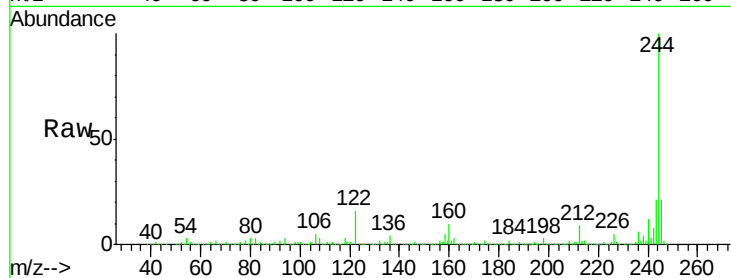
Tgt Ion:244 Resp: 3525352

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

122 15.9 12.0 18.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF089861.D

Acq: 24 Aug 2016 5:08

Tgt Ion:264 Resp: 1019299

Ion Ratio Lower Upper

264 100

260 24.4 20.2 30.2

265 21.6 17.4 26.2

