

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089859.D
 Acq On : 24 Aug 2016 4:15
 Operator : UM/SJ
 Sample : BL-CHIPS-3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-CHIPS-3

Quant Time: Aug 25 14:24:02 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	435901	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1906083	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	849911	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1560373	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1269224	20.00	ng	-0.05
86) Perylene-d12	15.29	264	1002696	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3148461	123.86	ng	-0.01
7) Phenol-d6	6.31	99	3701850	118.64	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2317648	75.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	881232	109.10	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4296310	88.84	ng	-0.01
78) Terphenyl-d14	12.78	244	3723184	66.36	ng	-0.01

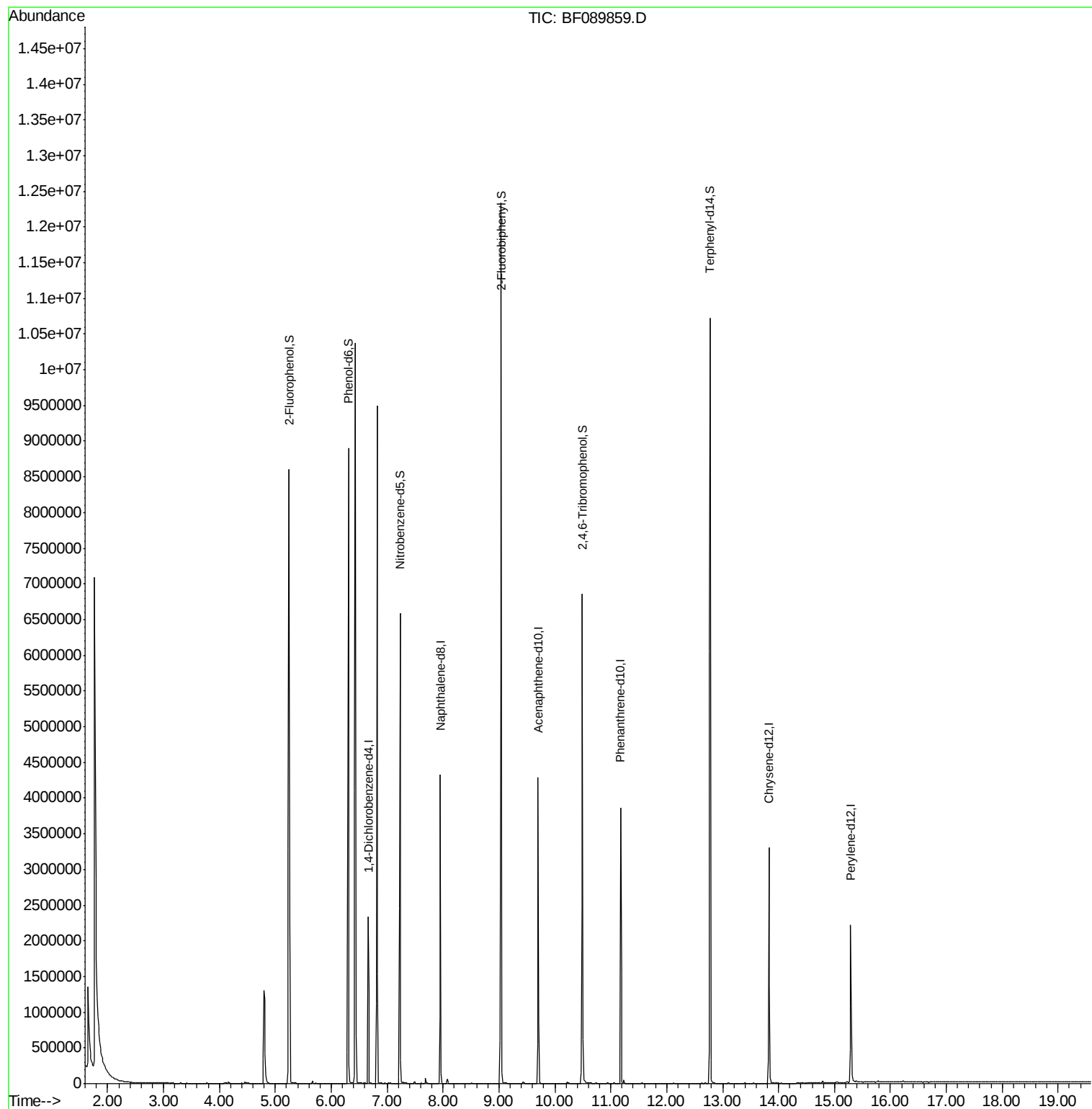
Target Compounds	Qvalue
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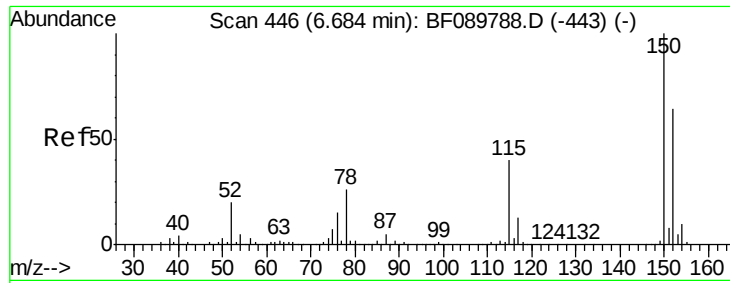
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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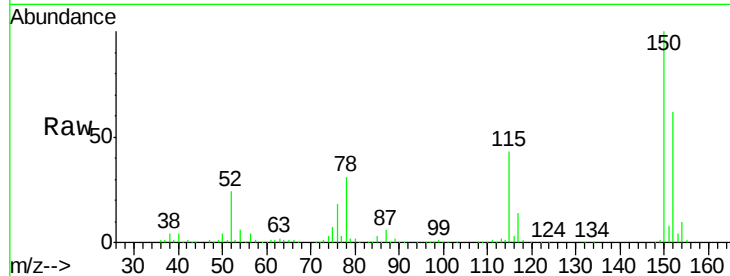




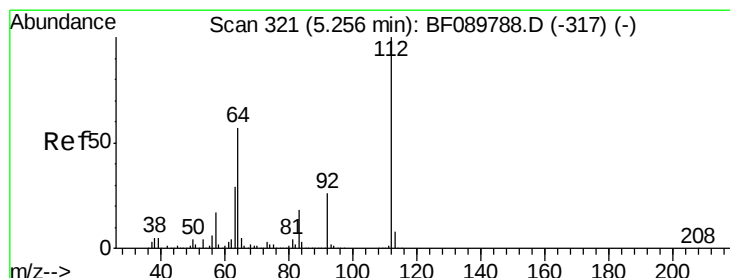
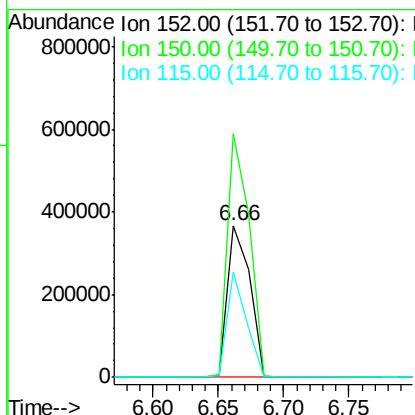
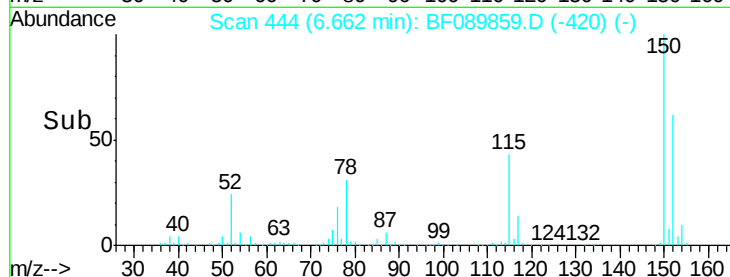
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF089859.D
 Acq: 24 Aug 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 BL-CHIPS-3

Tgt Ion:152 Resp: 435901
 Ion Ratio Lower Upper
 152 100
 150 160.3 125.3 187.9
 115 69.2 40.9 61.3#

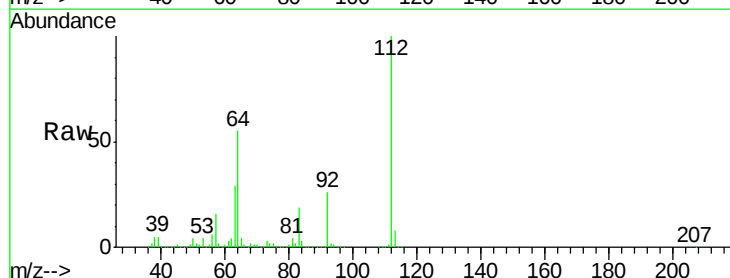


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

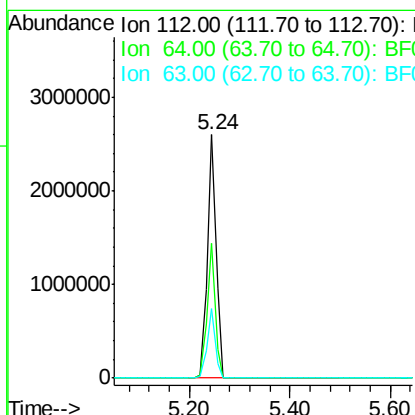
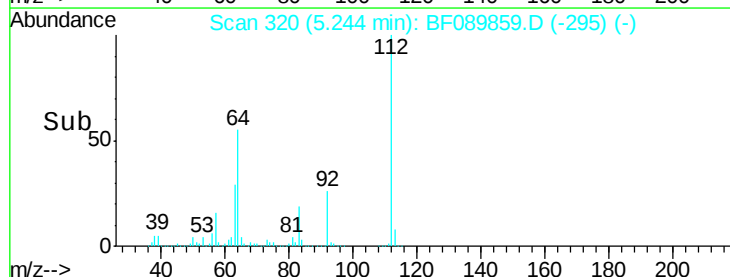


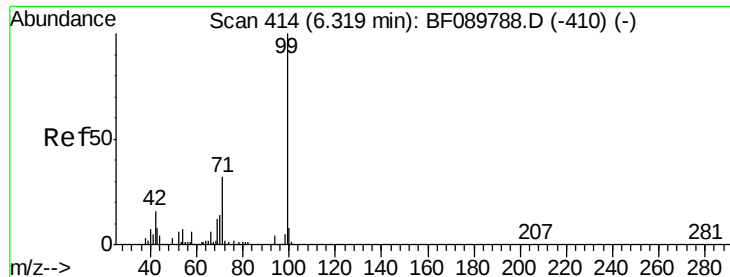
#5
 2-Fluorophenol
 Concen: 123.86 ng
 RT: 5.24 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: BF089859.D
 Acq: 24 Aug 2016 4:15

Tgt Ion:112 Resp: 3148461
 Ion Ratio Lower Upper
 112 100
 64 55.1 45.0 67.4
 63 28.7 23.1 34.7



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: 118.64 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089859.D

Acq: 24 Aug 2016 4:15

Instrument :

BNA_F

ClientSampleId :

BL-CHIPS-3

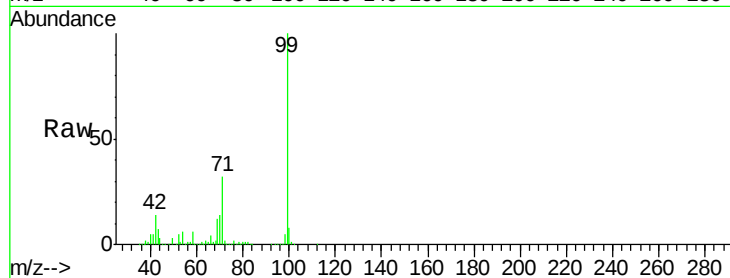
Tgt Ion: 99 Resp: 3701850

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.4

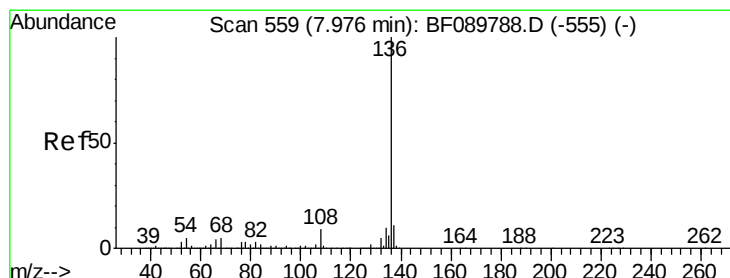
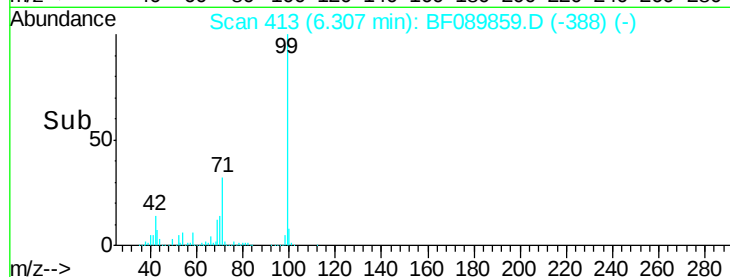
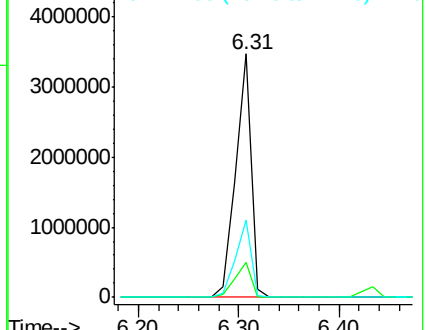
71 31.7 23.8 35.8



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: BF089859.D

Acq: 24 Aug 2016 4:15

Tgt Ion: 136 Resp: 1906083

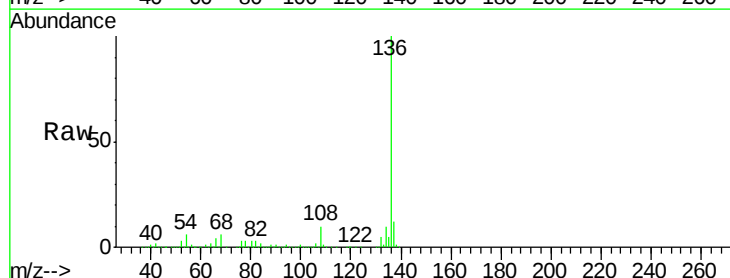
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 6.0 7.2 10.8#

68 5.7 5.8 8.8#

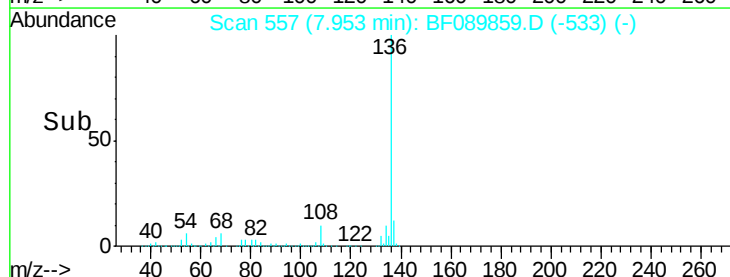
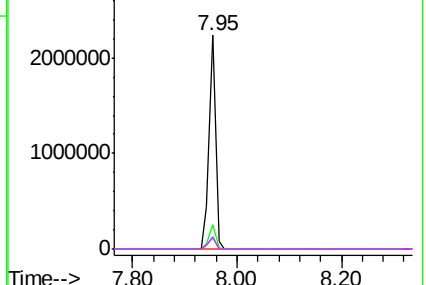


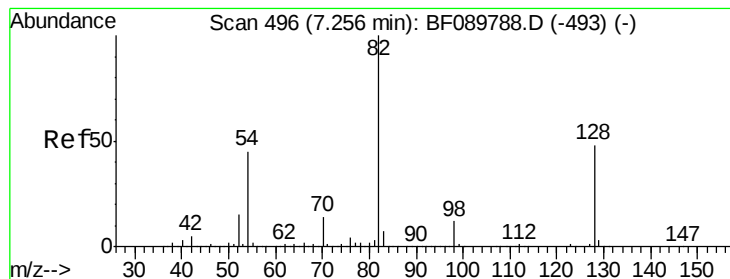
Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.54 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089859.D

Acq: 24 Aug 2016 4:15

Instrument :

BNA_F

ClientSampleId :

BL-CHIPS-3

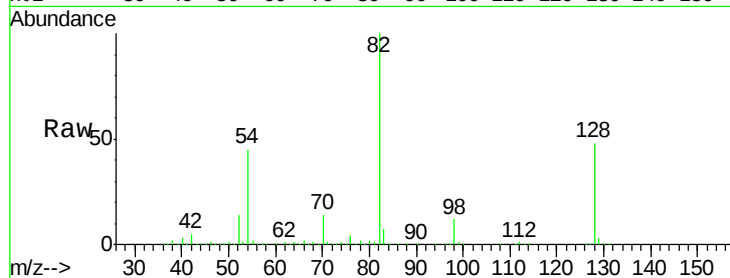
Tgt Ion: 82 Resp: 2317648

Ion Ratio Lower Upper

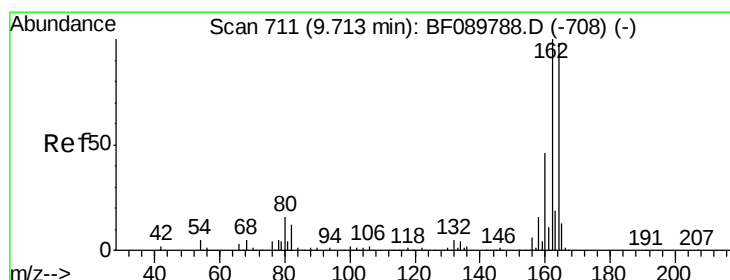
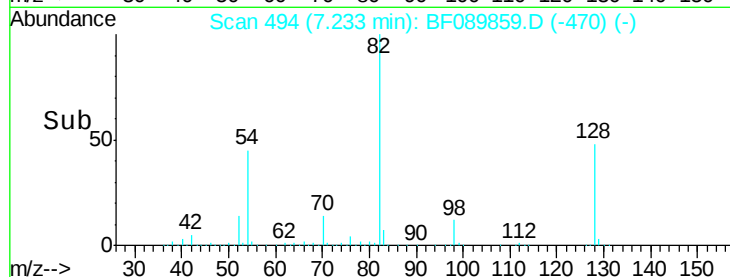
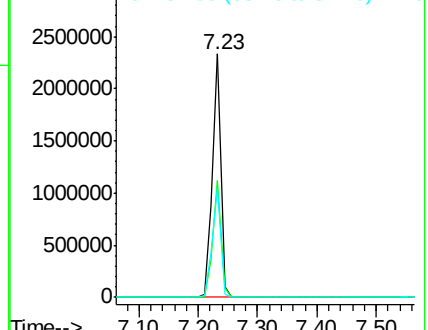
82 100

128 48.2 34.4 51.6

54 45.0 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: BF089859.D

Acq: 24 Aug 2016 4:15

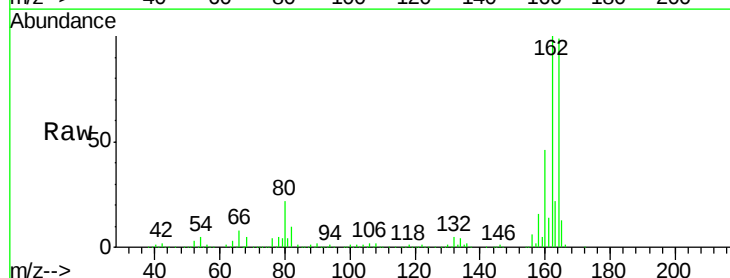
Tgt Ion: 164 Resp: 849911

Ion Ratio Lower Upper

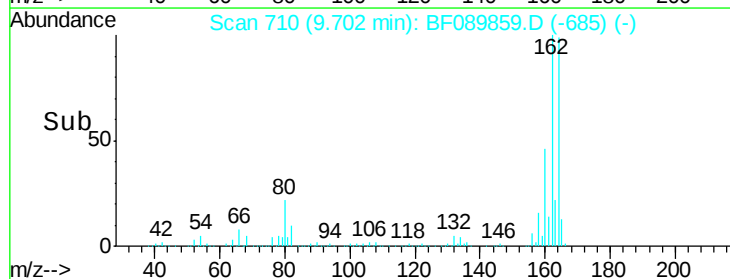
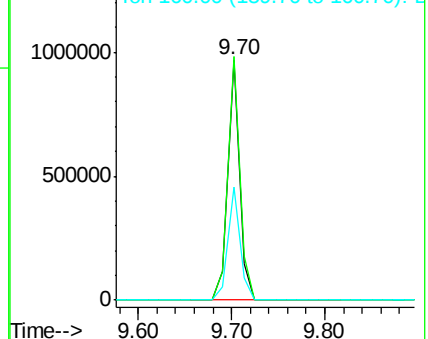
164 100

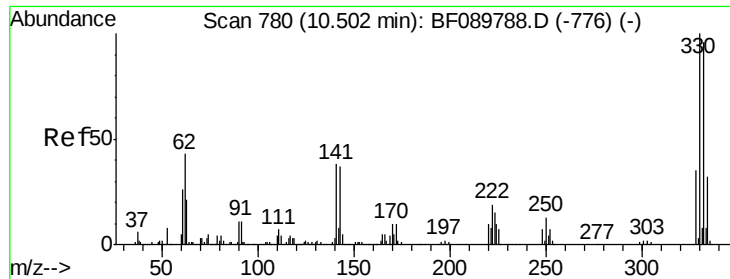
162 101.5 81.4 122.2

160 47.1 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

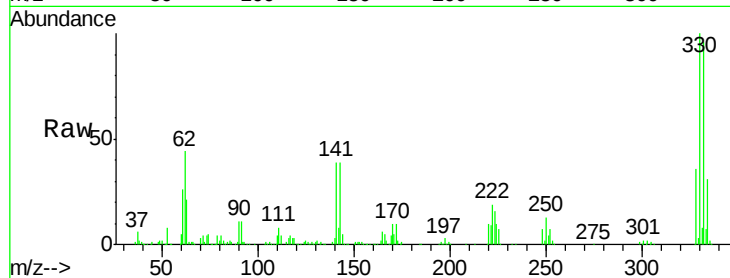




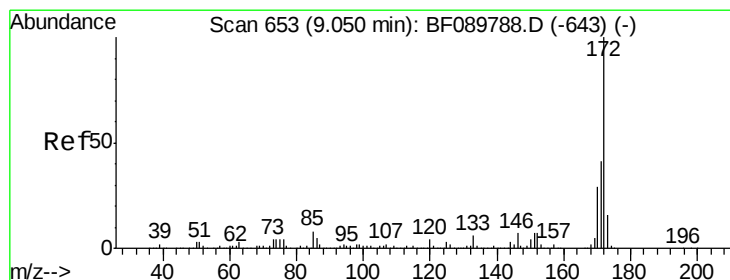
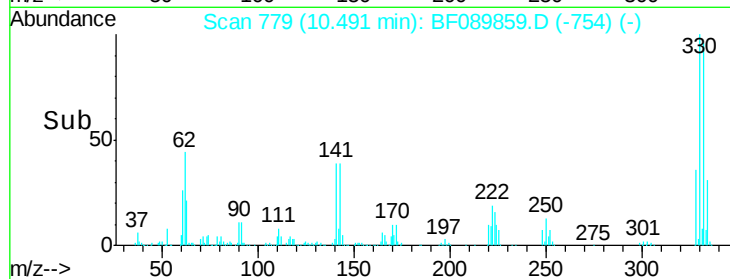
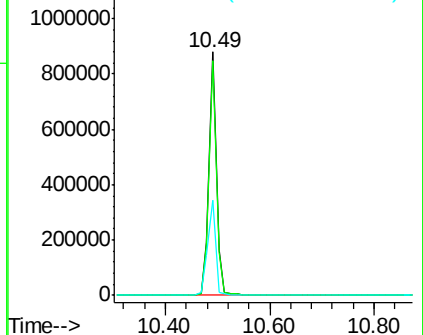
#41
 2,4,6-Tribromophenol
 Concen: 109.10 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089859.D
 Acq: 24 Aug 2016 4:15

Instrument :
 BNA_F
 ClientSampleId :
 BL-CHIPS-3

Tgt Ion:330 Resp: 881232
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.7 115.1
 141 41.0 30.2 45.2

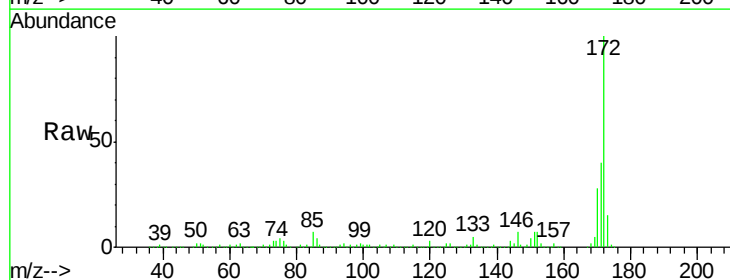


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

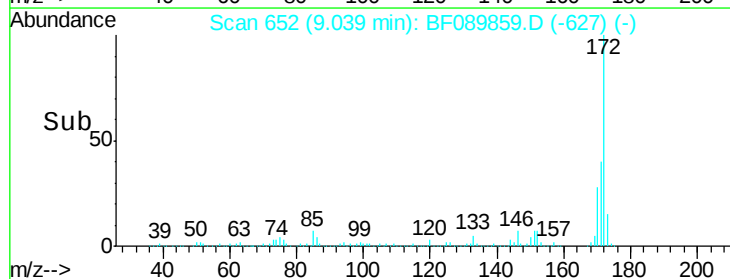
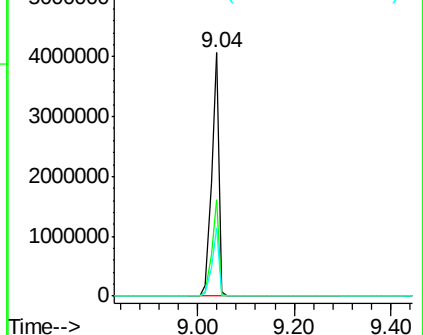


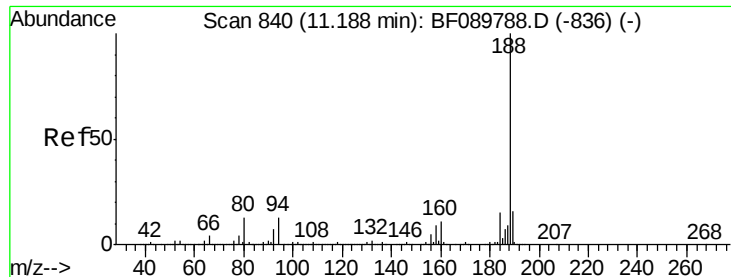
#44
 2-Fluorobiphenyl
 Concen: 88.84 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089859.D
 Acq: 24 Aug 2016 4:15

Tgt Ion:172 Resp: 4296310
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.5 45.7
 170 27.8 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: BF089859.D

Acq: 24 Aug 2016 4:15

Instrument :

BNA_F

ClientSampleId :

BL-CHIPS-3

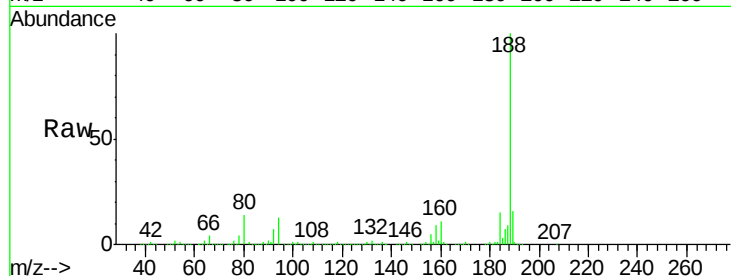
Tgt Ion:188 Resp: 1560373

Ion Ratio Lower Upper

188 100

94 12.6 10.2 15.2

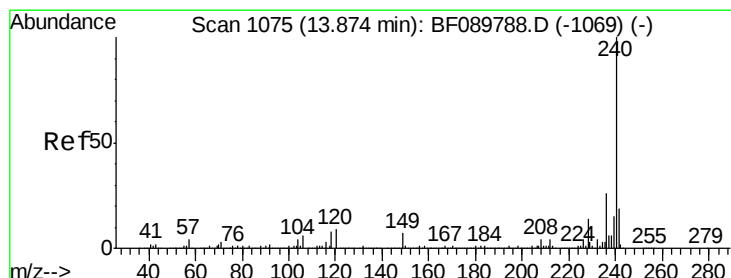
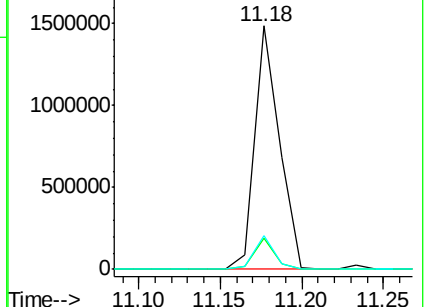
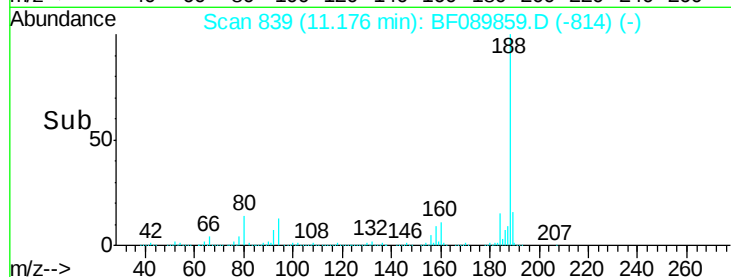
80 13.7 10.9 16.3



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: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF089859.D

Acq: 24 Aug 2016 4:15

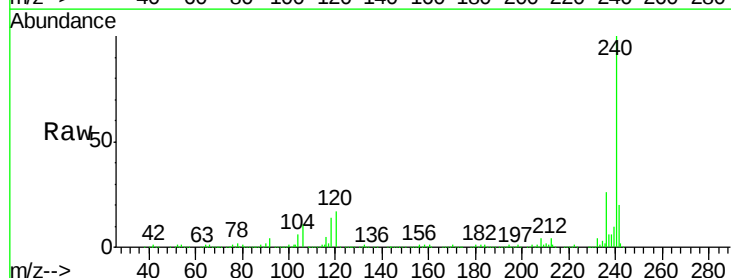
Tgt Ion:240 Resp: 1269224

Ion Ratio Lower Upper

240 100

120 16.7 8.3 12.5#

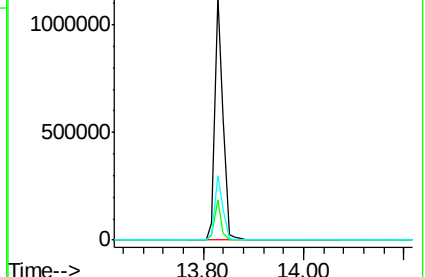
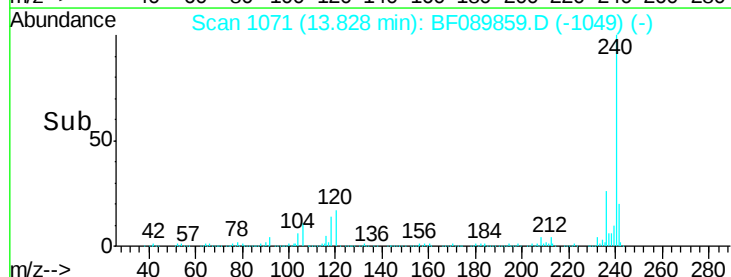
236 26.4 21.3 31.9

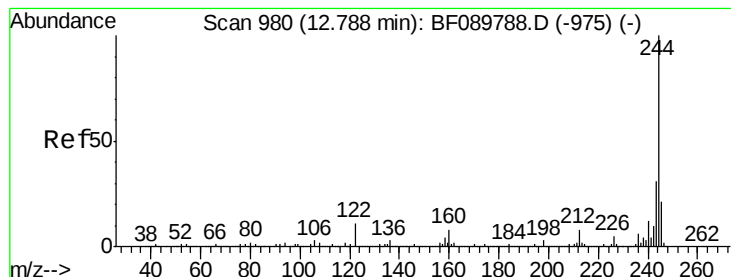


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.36 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089859.D

Acq: 24 Aug 2016 4:15

Instrument :

BNA_F

ClientSampleId :

BL-CHIPS-3

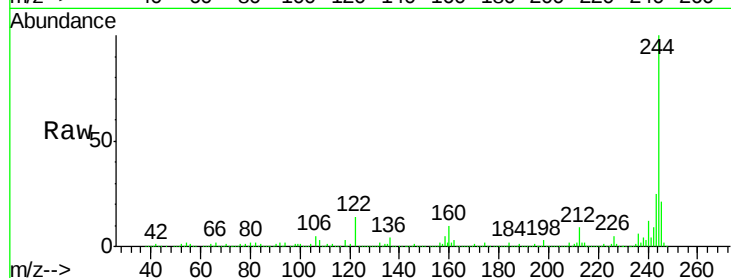
Tgt Ion:244 Resp: 3723184

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

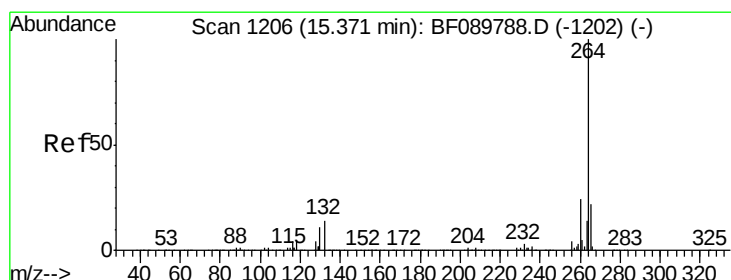
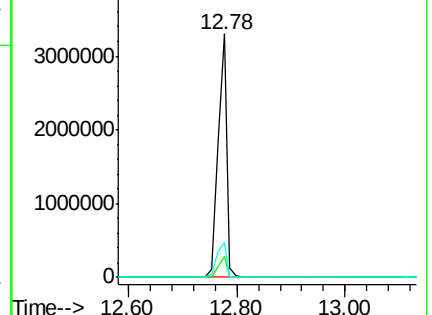
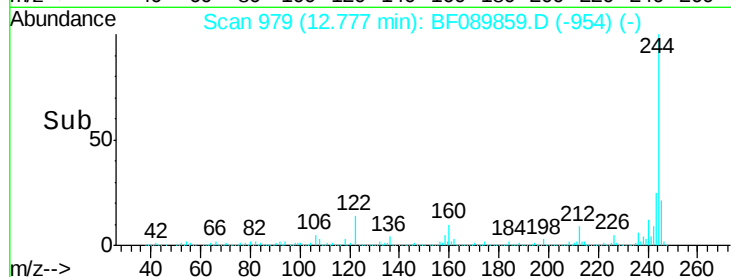
122 14.2 12.0 18.0



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: 15.29 min Scan# 1199

Delta R.T. -0.08 min

Lab File: BF089859.D

Acq: 24 Aug 2016 4:15

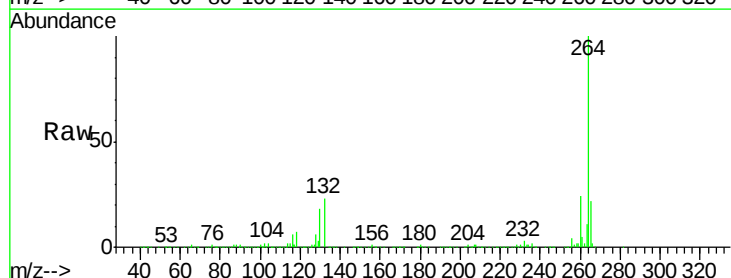
Tgt Ion:264 Resp: 1002696

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

265 21.5 17.4 26.2



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

