

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089860.D
 Acq On : 24 Aug 2016 4:42
 Operator : UM/SJ
 Sample : BL-NOCHIP-3
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-NOCHIP-3

Quant Time: Aug 25 14:31:40 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	425636	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1849727	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	848949	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1525883	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1243962	20.00	ng	-0.05
86) Perylene-d12	15.27	264	940357	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3479318	140.18	ng	-0.01
7) Phenol-d6	6.31	99	3644172	119.61	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2254984	75.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	908705	112.63	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4420102	91.51	ng	-0.01
78) Terphenyl-d14	12.78	244	3861723	70.23	ng	-0.01

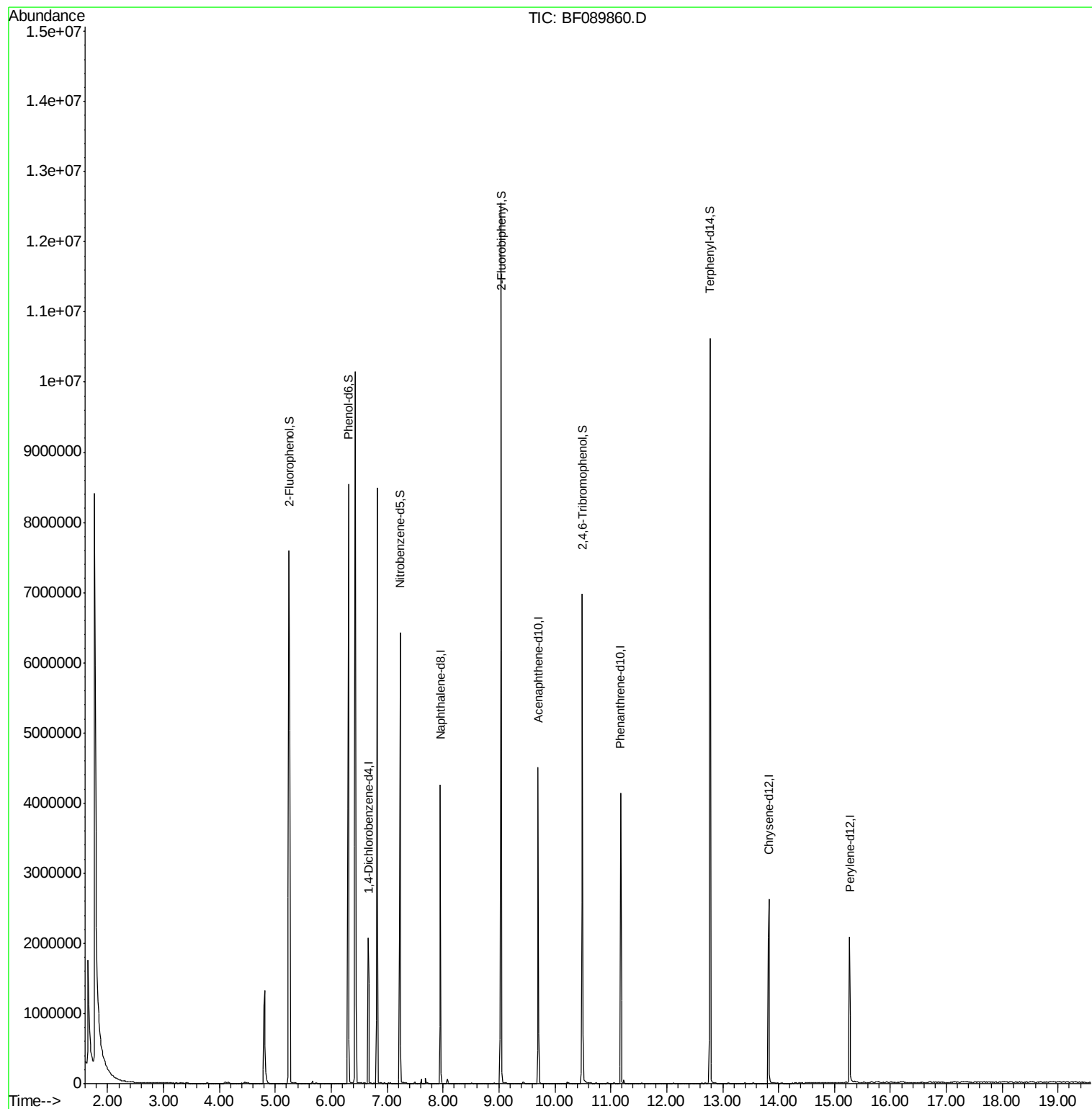
Target Compounds	Qvalue
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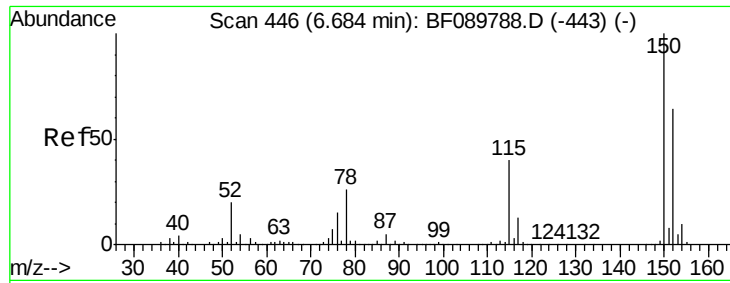
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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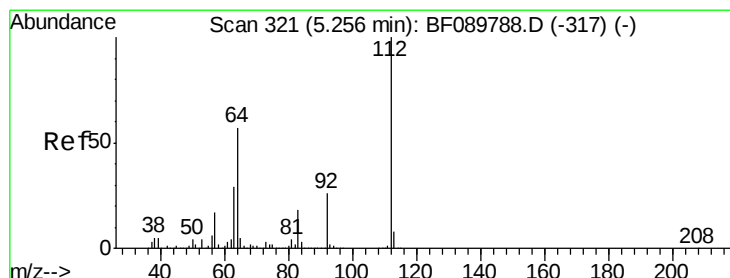
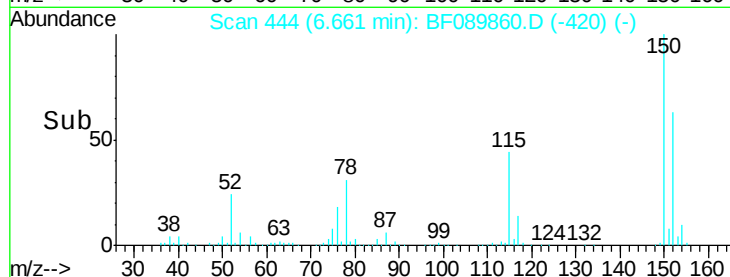
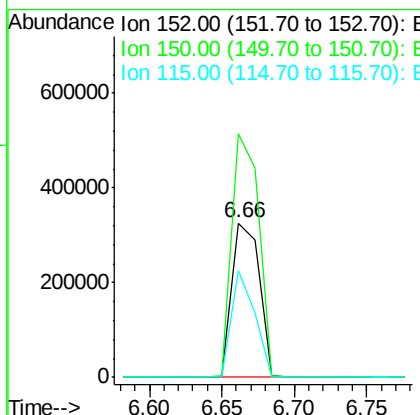
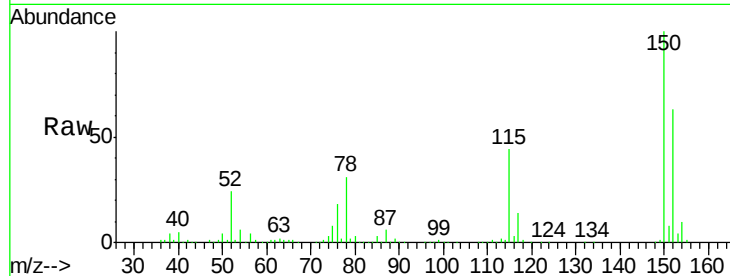




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF089860.D
 Acq: 24 Aug 2016 4:42

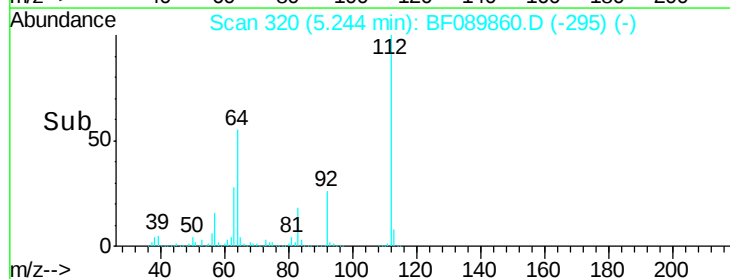
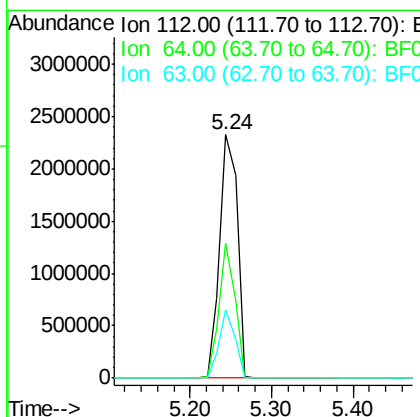
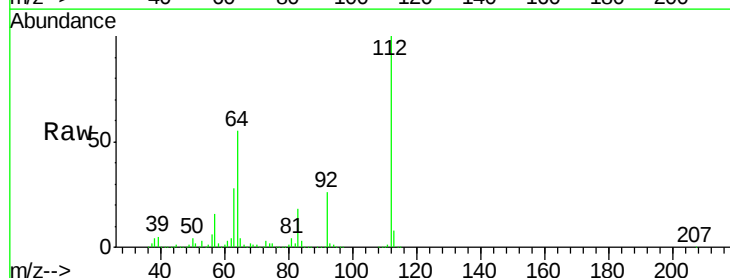
Instrument :
 BNA_F
 ClientSampleId :
 BL-NOCHIP-3

Tgt Ion:152 Resp: 425636
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.3 187.9
 115 69.1 40.9 61.3#



#5
 2-Fluorophenol
 Concen: 140.18 ng
 RT: 5.24 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: BF089860.D
 Acq: 24 Aug 2016 4:42

Tgt Ion:112 Resp: 3479318
 Ion Ratio Lower Upper
 112 100
 64 55.2 45.0 67.4
 63 28.1 23.1 34.7





#7

Phenol-d6

Concen: 119.61 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089860.D

Acq: 24 Aug 2016 4:42

Instrument :

BNA_F

ClientSampleId :

BL-NOCHIP-3

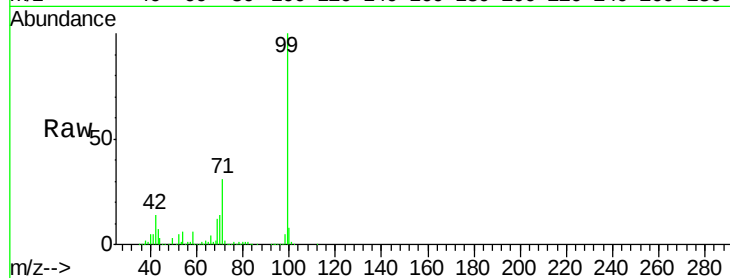
Tgt Ion: 99 Resp: 3644172

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.4

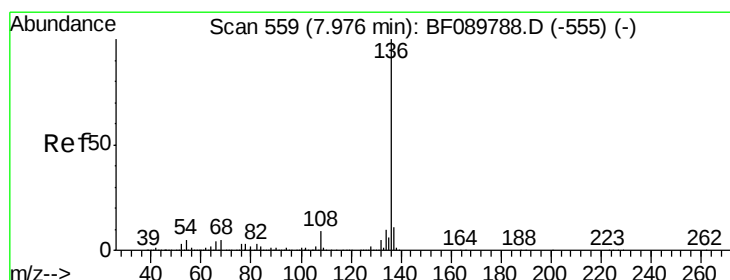
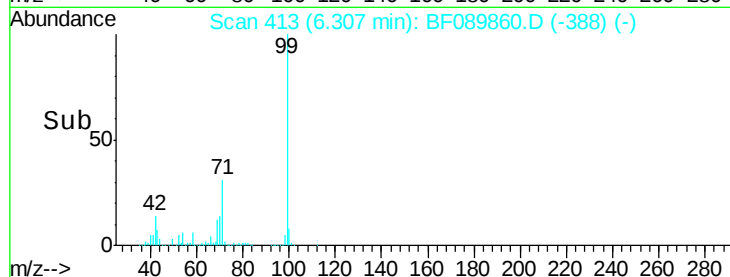
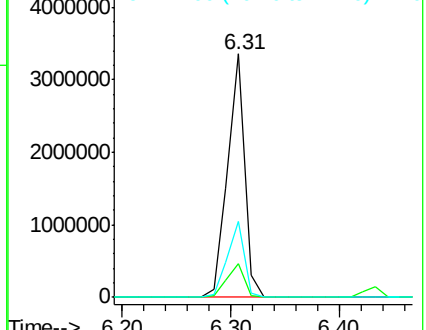
71 31.3 23.8 35.8



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: BF089860.D

Acq: 24 Aug 2016 4:42

Tgt Ion: 136 Resp: 1849727

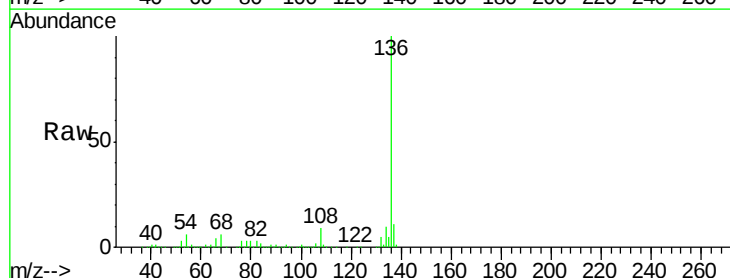
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 6.0 7.2 10.8#

68 5.6 5.8 8.8#

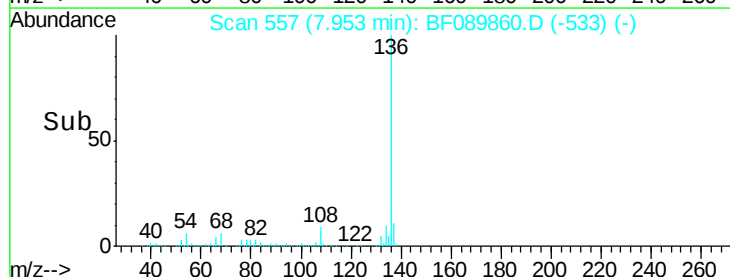
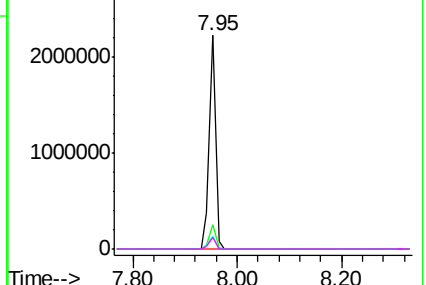


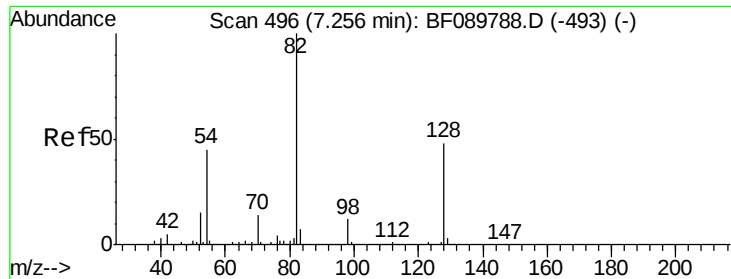
Abundance Ion 136.00 (135.70 to 136.70): E

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

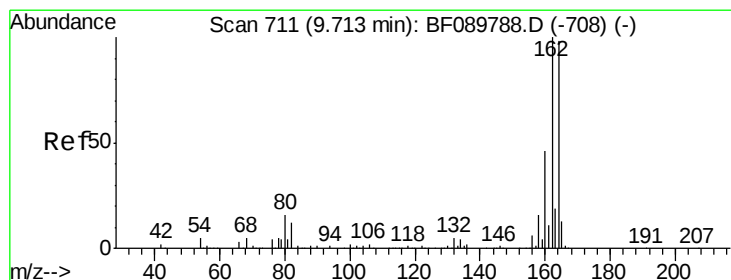
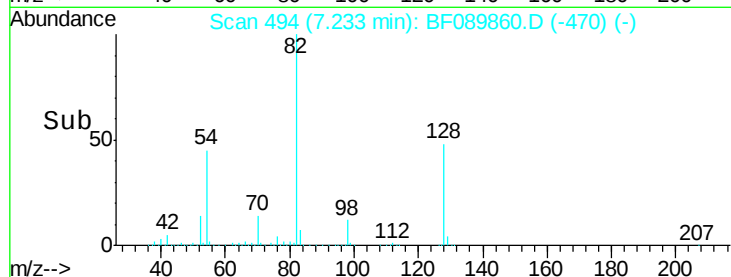
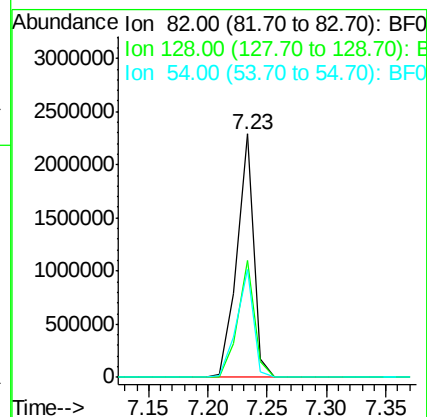
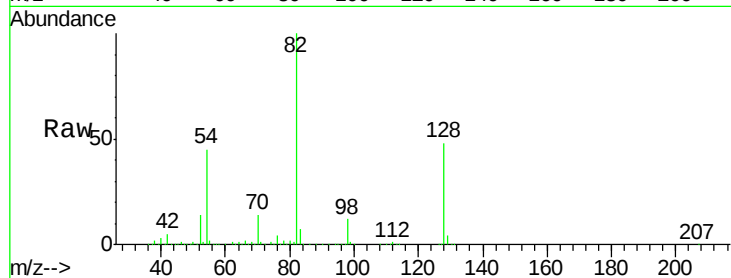




#23
 Nitrobenzene-d5
 Concen: 75.74 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089860.D
 Acq: 24 Aug 2016 4:42

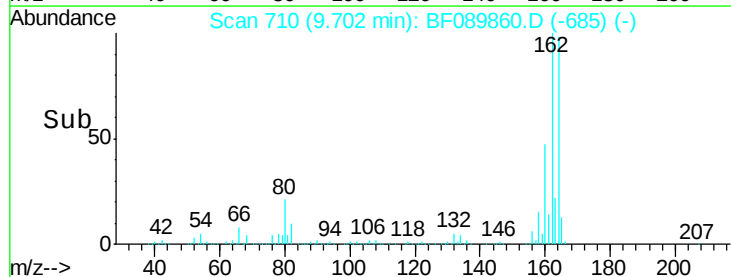
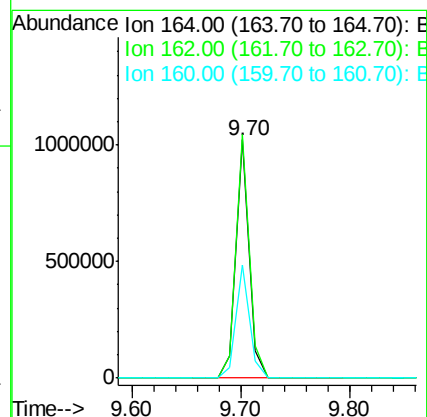
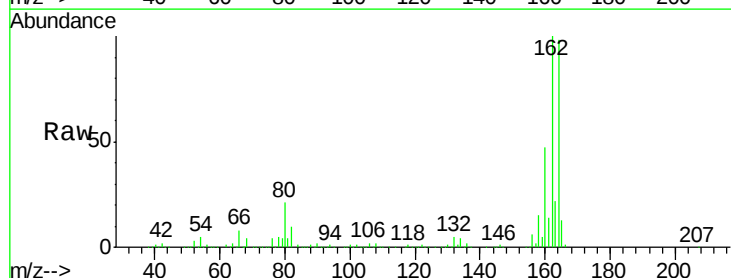
Instrument :
 BNA_F
 ClientSampleId :
 BL-NOCHIP-3

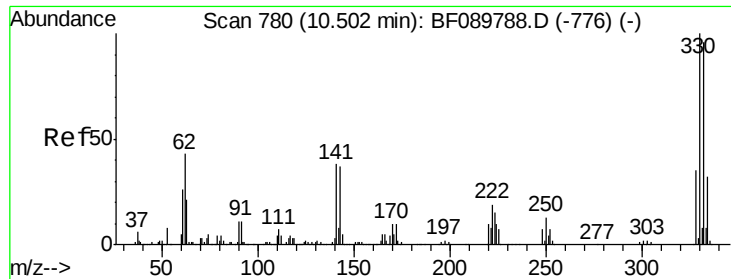
Tgt Ion: 82 Resp: 2254984
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.4 51.6
 54 44.6 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089860.D
 Acq: 24 Aug 2016 4:42

Tgt Ion: 164 Resp: 848949
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.4 122.2
 160 47.8 37.8 56.6

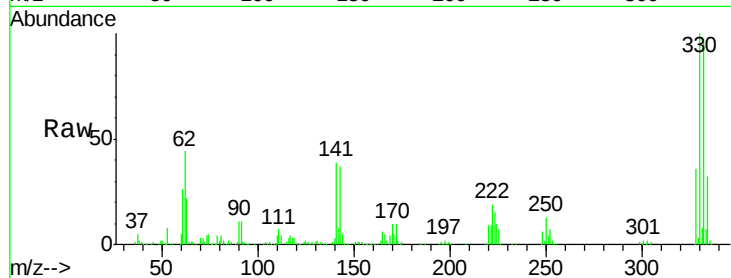




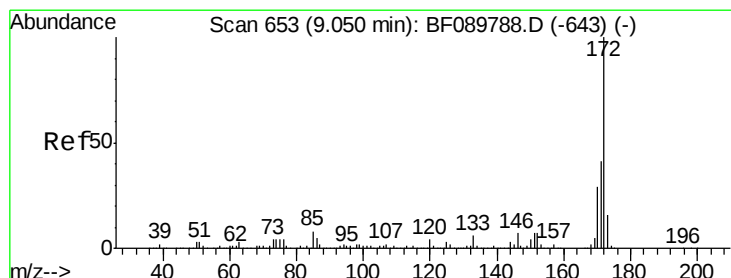
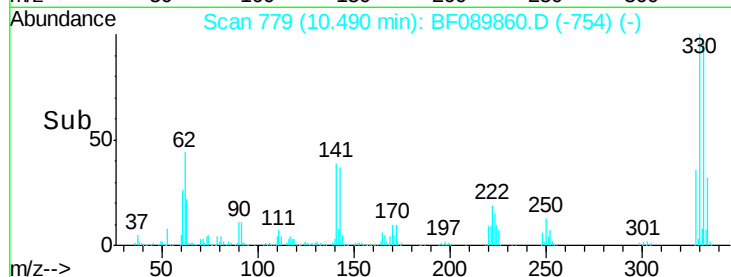
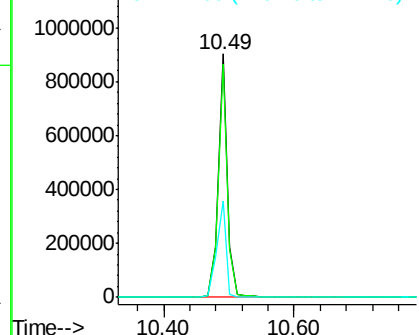
#41
 2,4,6-Tribromophenol
 Concen: 112.63 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089860.D
 Acq: 24 Aug 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-NOCHIP-3

Tgt Ion:330 Resp: 908705
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.7 115.1
 141 40.5 30.2 45.2

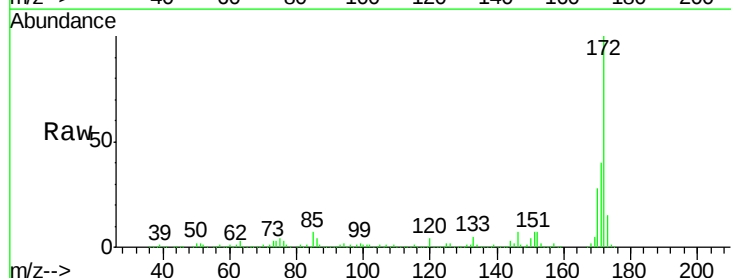


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

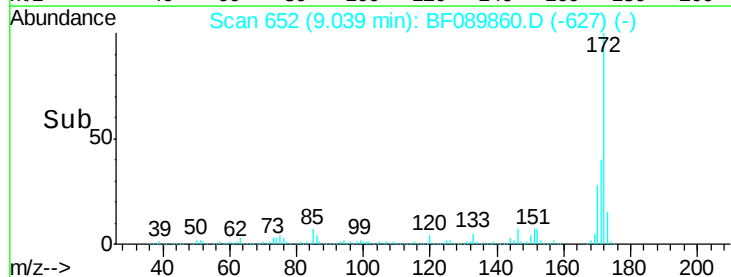
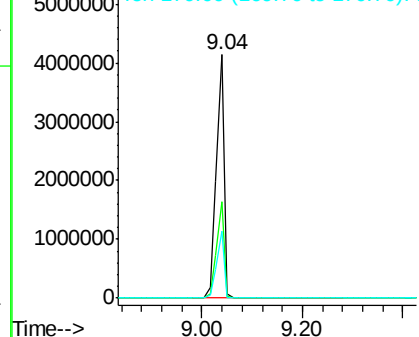


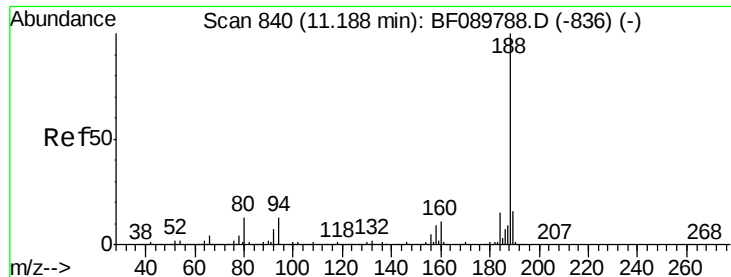
#44
 2-Fluorobiphenyl
 Concen: 91.51 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089860.D
 Acq: 24 Aug 2016 4:42

Tgt Ion:172 Resp: 4420102
 Ion Ratio Lower Upper
 172 100
 171 39.7 30.5 45.7
 170 27.7 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

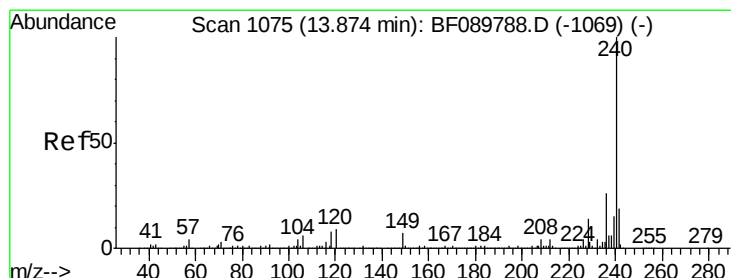
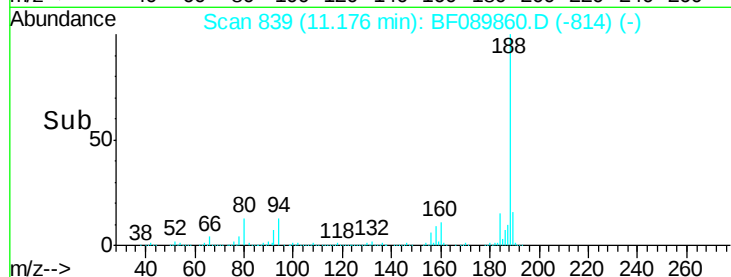
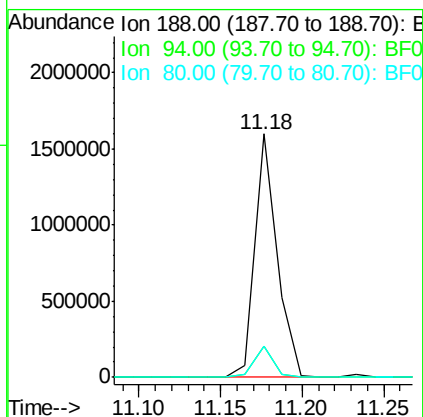
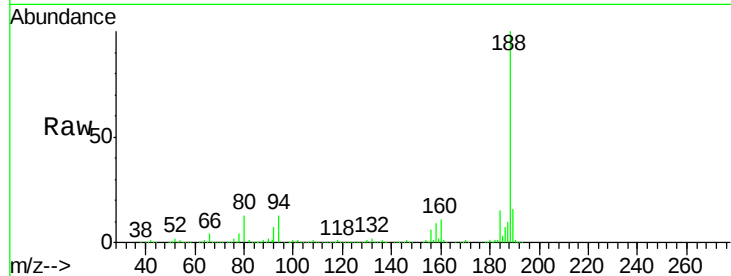




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089860.D
Acq: 24 Aug 2016 4:42

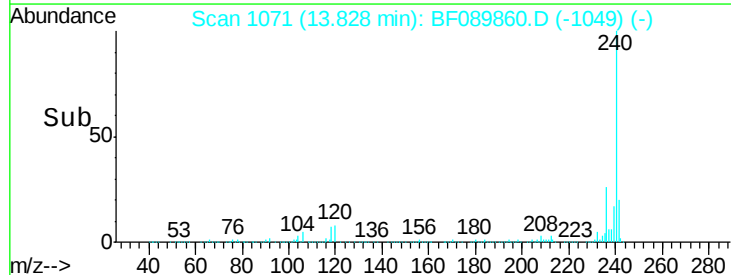
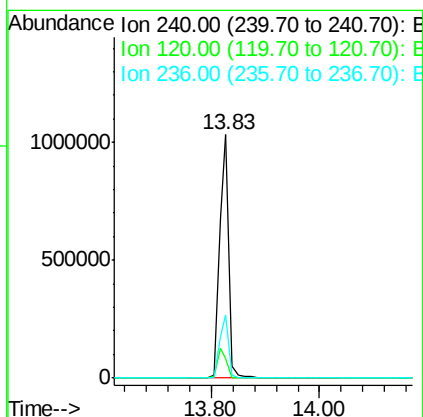
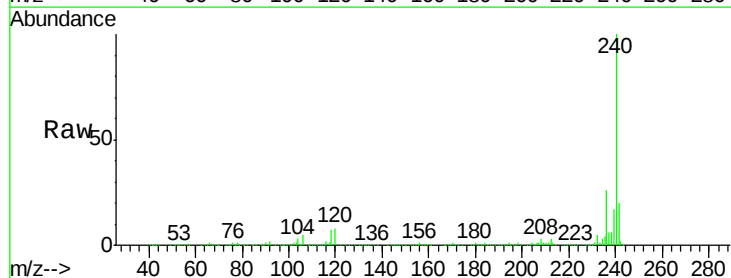
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BNA_F
ClientSampleId :
BL-NOCHIP-3

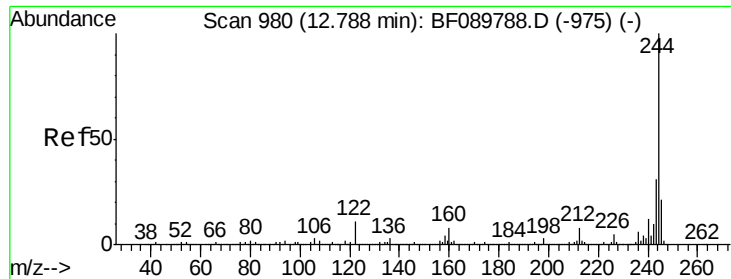
Tgt Ion:188 Resp: 1525883
Ion Ratio Lower Upper
188 100
94 12.7 10.2 15.2
80 12.7 10.9 16.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF089860.D
Acq: 24 Aug 2016 4:42

Tgt Ion:240 Resp: 1243962
Ion Ratio Lower Upper
240 100
120 8.1 8.3 12.5#
236 26.1 21.3 31.9





#78

Terphenyl-d14

Concen: 70.23 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089860.D

Acq: 24 Aug 2016 4:42

Instrument :

BNA_F

ClientSampleId :

BL-NOCHIP-3

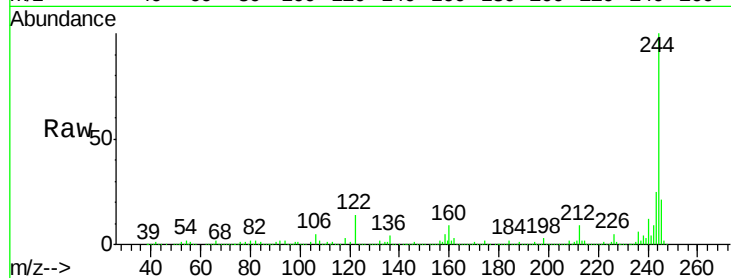
Tgt Ion:244 Resp: 3861723

Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

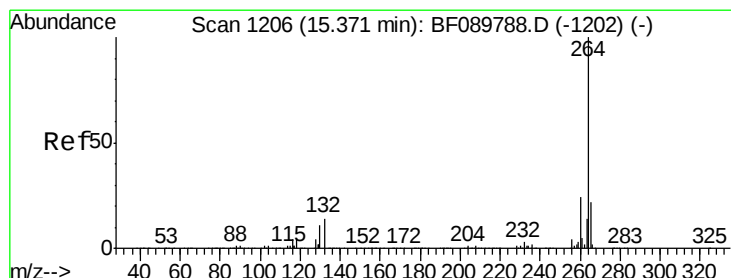
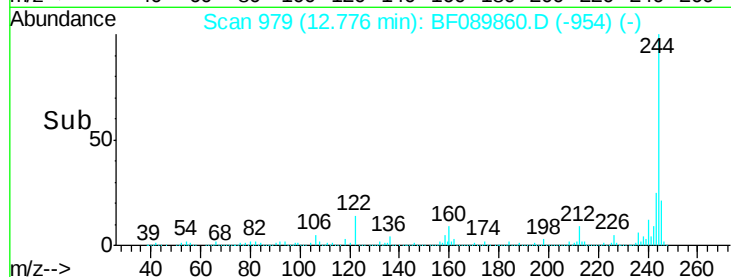
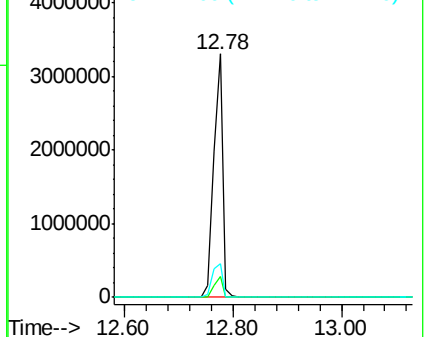
122 14.0 12.0 18.0



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: 15.27 min Scan# 1197

Delta R.T. -0.10 min

Lab File: BF089860.D

Acq: 24 Aug 2016 4:42

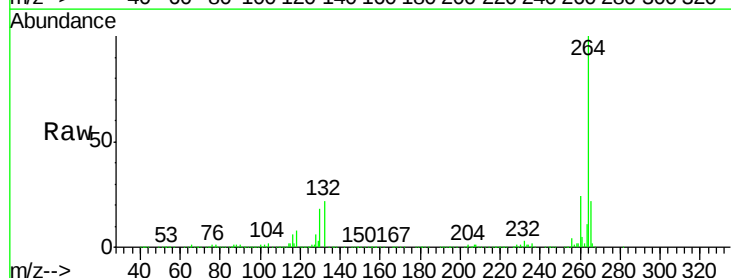
Tgt Ion:264 Resp: 940357

Ion Ratio Lower Upper

264 100

260 24.1 20.2 30.2

265 22.1 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

