

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089862.D
 Acq On : 24 Aug 2016 5:35
 Operator : UM/SJ
 Sample : BL-NOCHIP-4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-NOCHIP-4

Quant Time: Aug 25 14:34:53 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	435316	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1911475	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	830123	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1496024	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	1206077	20.00	ng	-0.01
86) Perylene-d12	15.38	264	959481	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3085392	121.55	ng	-0.01
7) Phenol-d6	6.31	99	3625085	116.34	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2264610	73.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	878910	111.41	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4421204	93.61	ng	-0.01
78) Terphenyl-d14	12.78	244	3756947	70.47	ng	-0.01

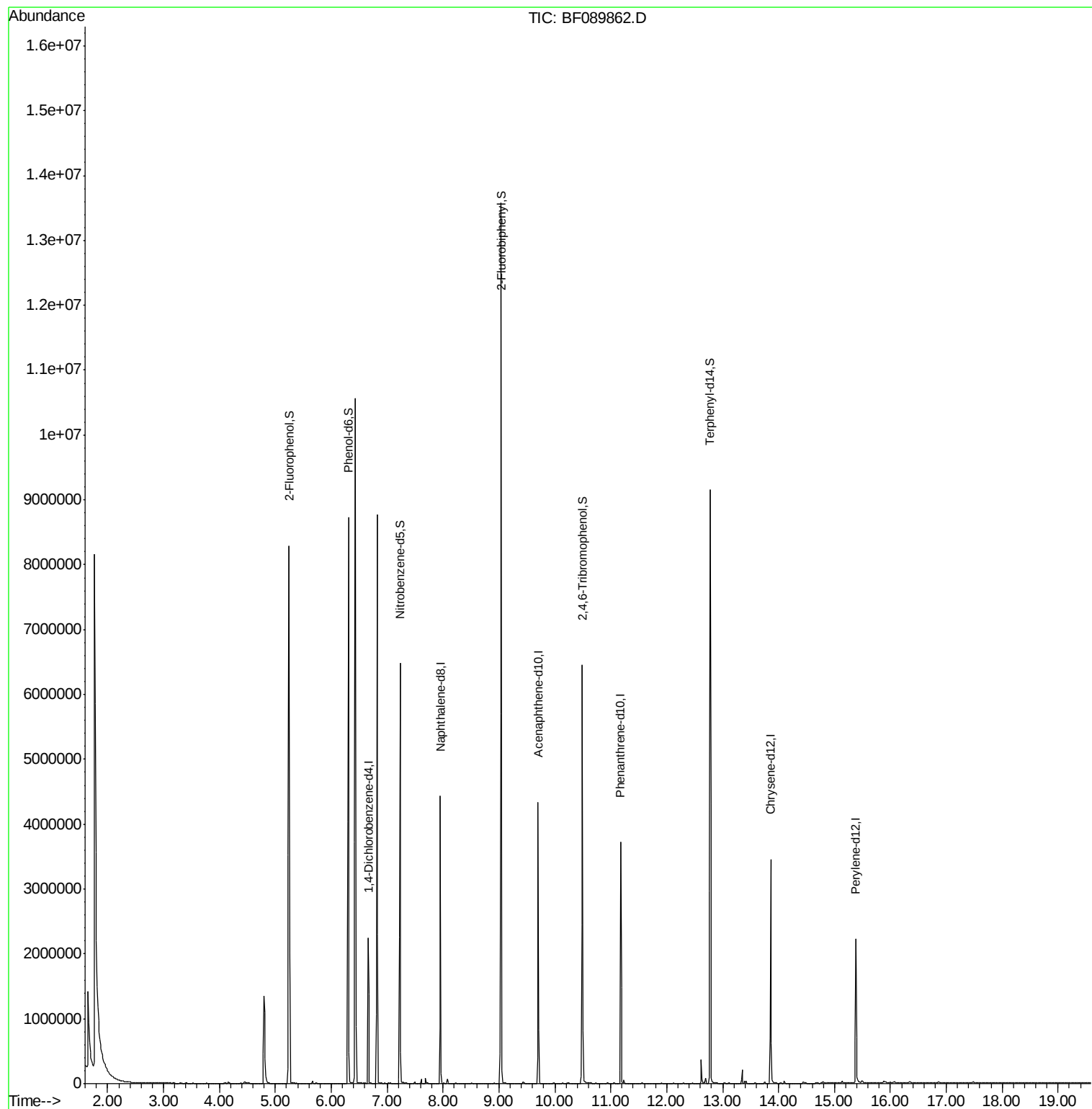
Target Compounds	Qvalue
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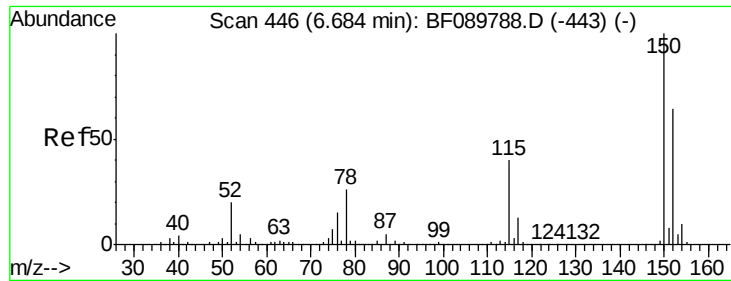
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089862.D

Acq: 24 Aug 2016 5:35

Instrument :

BNA_F

ClientSampleId :

BL-NOCHIP-4

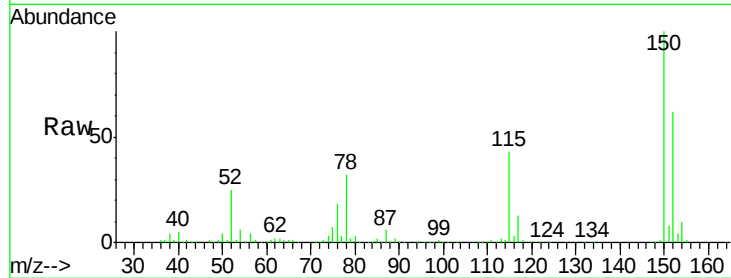
Tgt Ion:152 Resp: 435316

Ion Ratio Lower Upper

152 100

150 160.7 125.3 187.9

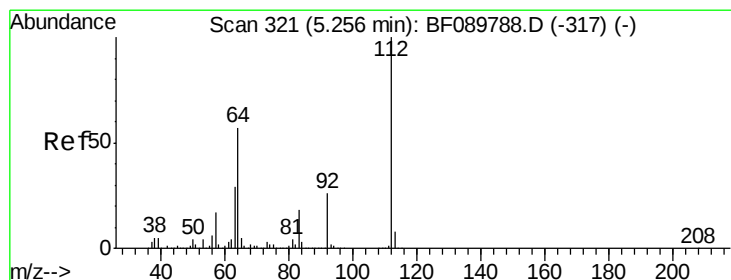
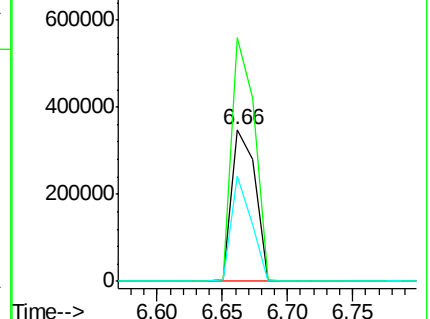
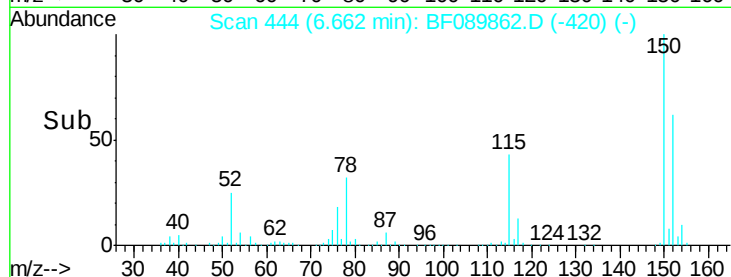
115 69.4 40.9 61.3#



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: 121.55 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089862.D

Acq: 24 Aug 2016 5:35

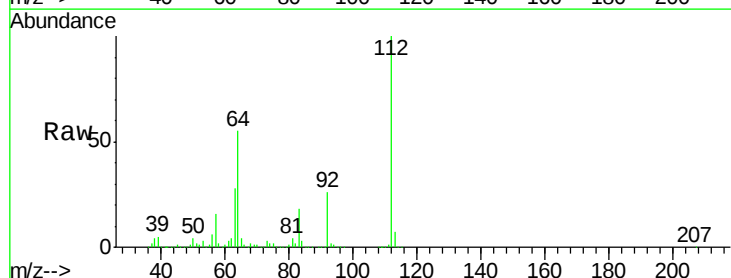
Tgt Ion:112 Resp: 3085392

Ion Ratio Lower Upper

112 100

64 54.9 45.0 67.4

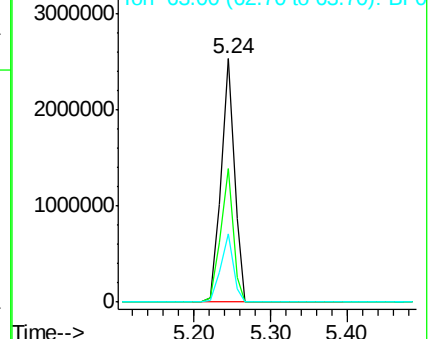
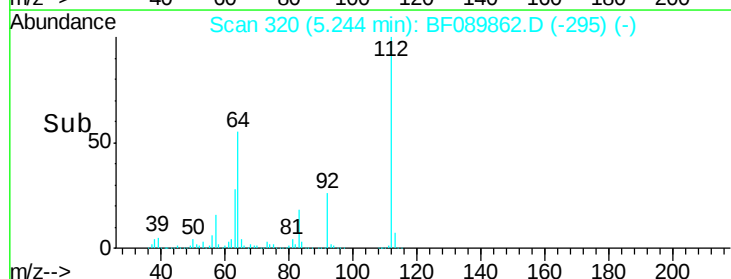
63 28.0 23.1 34.7

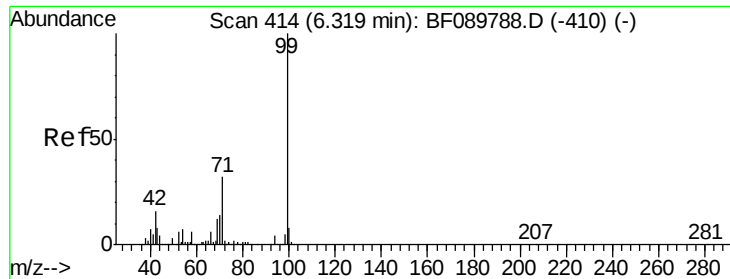


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.34 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089862.D

Acq: 24 Aug 2016 5:35

Instrument :

BNA_F

ClientSampleId :

BL-NOCHIP-4

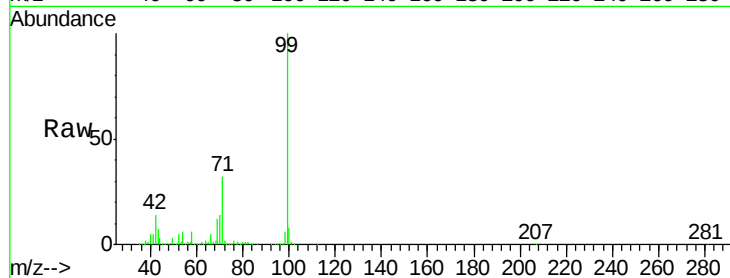
Tgt Ion: 99 Resp: 3625085

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.4

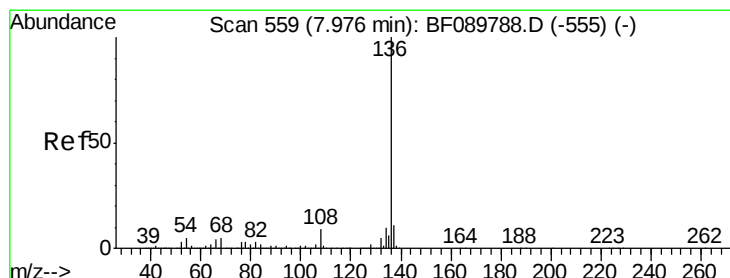
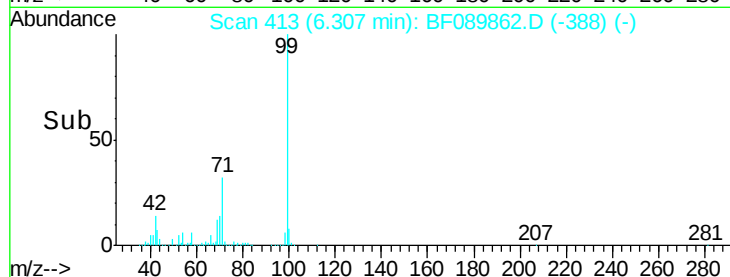
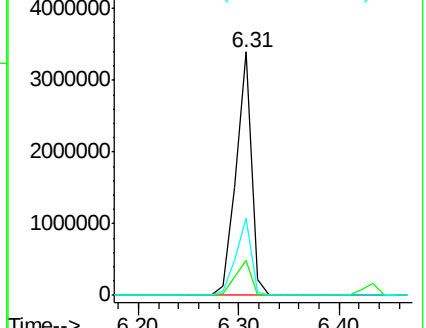
71 31.6 23.8 35.8



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: BF089862.D

Acq: 24 Aug 2016 5:35

Tgt Ion: 136 Resp: 1911475

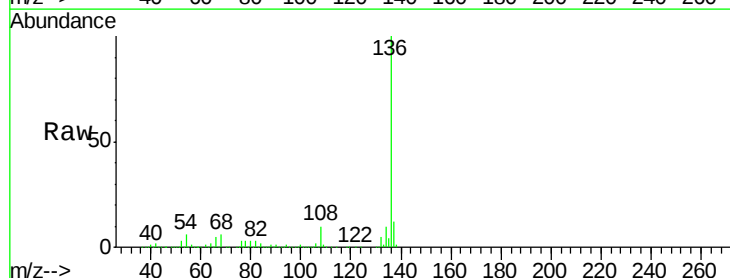
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 6.1 7.2 10.8#

68 5.6 5.8 8.8#

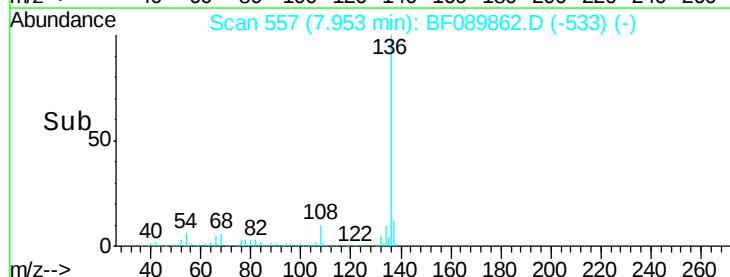
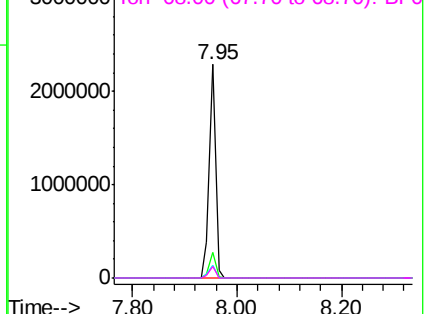


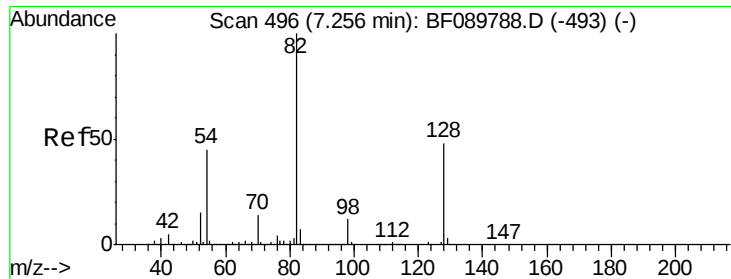
Abundance Ion 136.00 (135.70 to 136.70): E

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

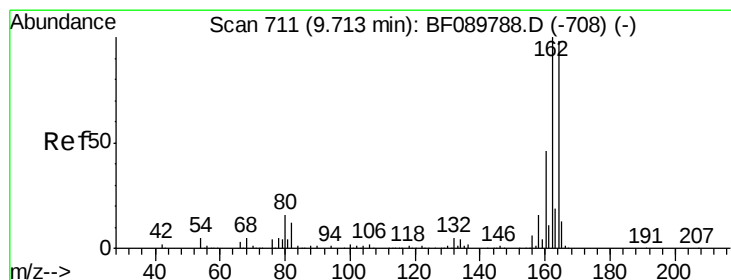
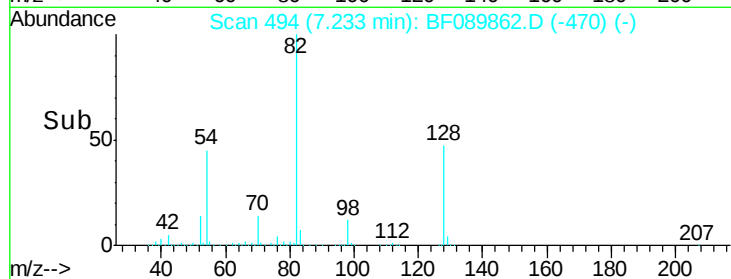
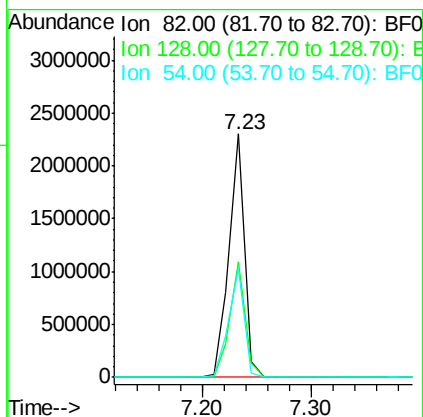
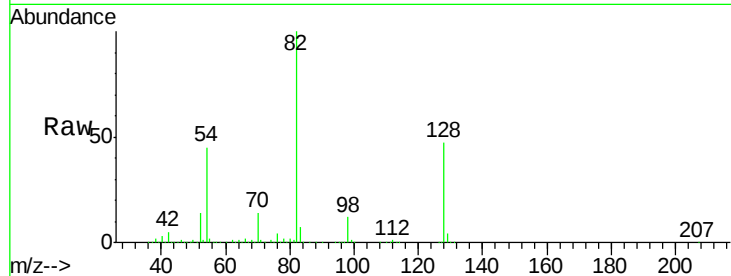




#23
 Nitrobenzene-d5
 Concen: 73.60 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089862.D
 Acq: 24 Aug 2016 5:35

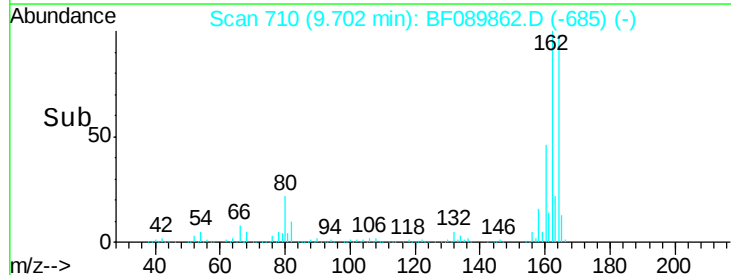
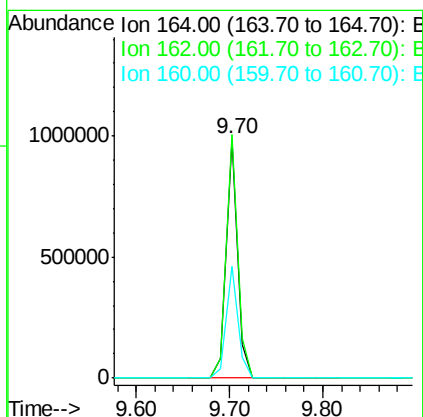
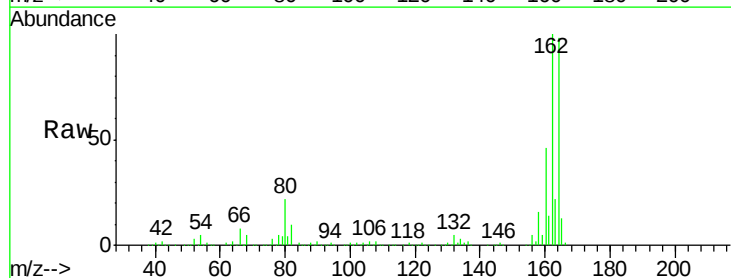
Instrument :
 BNA_F
 ClientSampleId :
 BL-NOCHIP-4

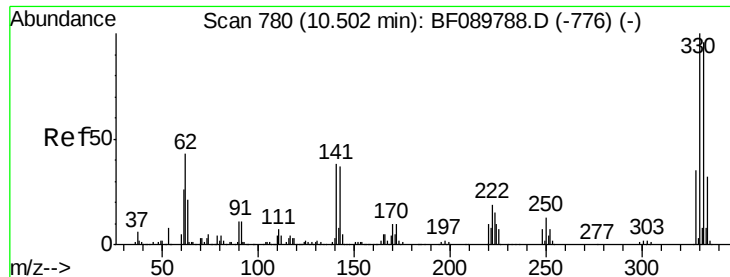
Tgt Ion: 82 Resp: 2264610
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.4 51.6
 54 45.1 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089862.D
 Acq: 24 Aug 2016 5:35

Tgt Ion: 164 Resp: 830123
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.4 122.2
 160 47.1 37.8 56.6

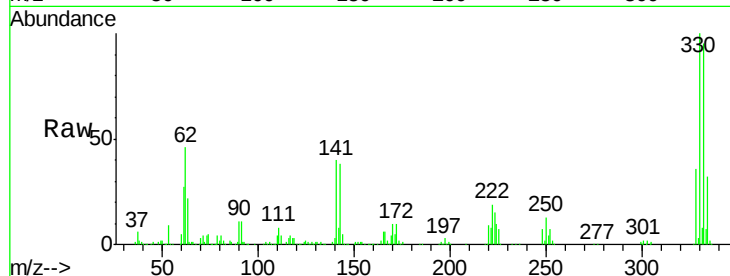




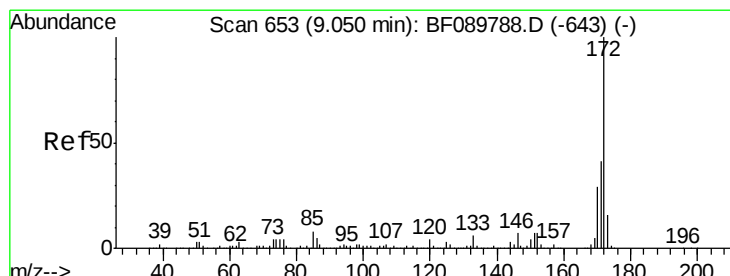
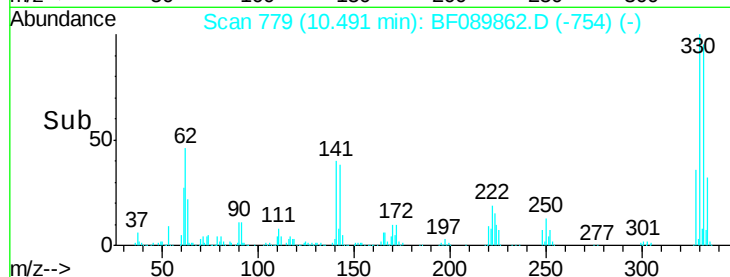
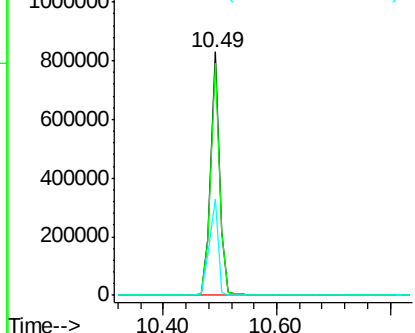
#41
 2,4,6-Tribromophenol
 Concen: 111.41 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089862.D
 Acq: 24 Aug 2016 5:35

Instrument :
 BNA_F
 ClientSampleId :
 BL-NOCHIP-4

Tgt Ion:330 Resp: 878910
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.7 115.1
 141 38.9 30.2 45.2

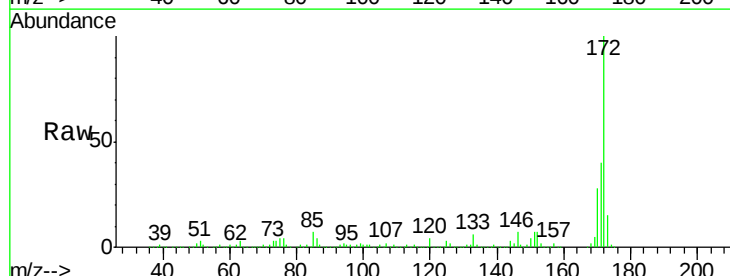


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

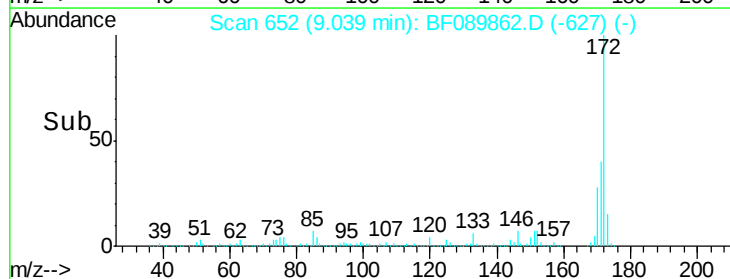
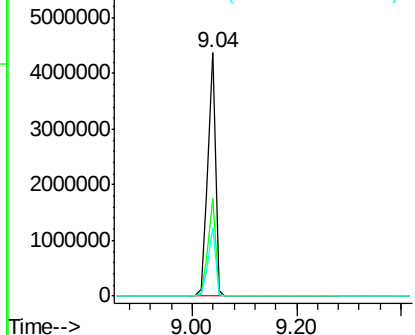


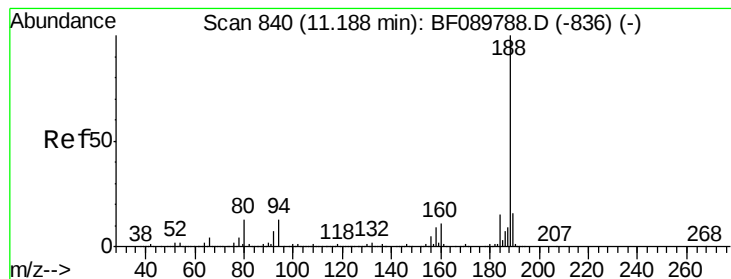
#44
 2-Fluorobiphenyl
 Concen: 93.61 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089862.D
 Acq: 24 Aug 2016 5:35

Tgt Ion:172 Resp: 4421204
 Ion Ratio Lower Upper
 172 100
 171 40.0 30.5 45.7
 170 27.9 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: BF089862.D

Acq: 24 Aug 2016 5:35

Instrument :

BNA_F

ClientSampleId :

BL-NOCHIP-4

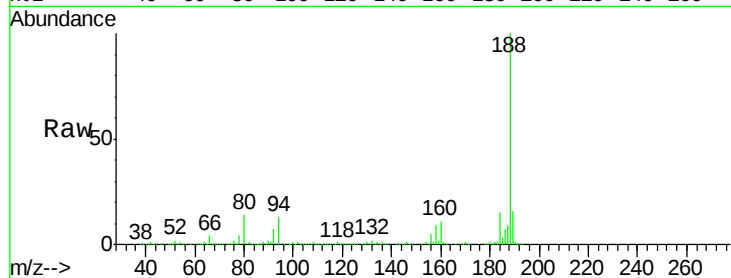
Tgt Ion:188 Resp: 1496024

Ion Ratio Lower Upper

188 100

94 13.0 10.2 15.2

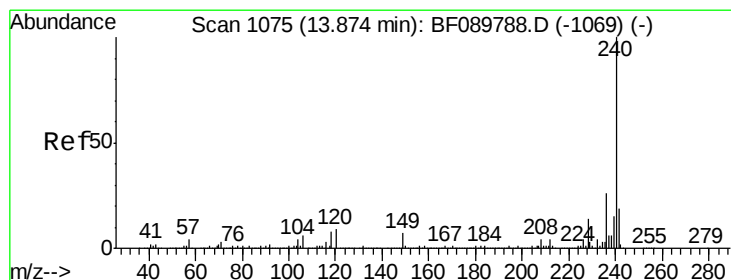
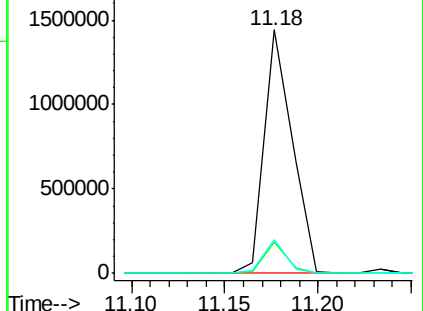
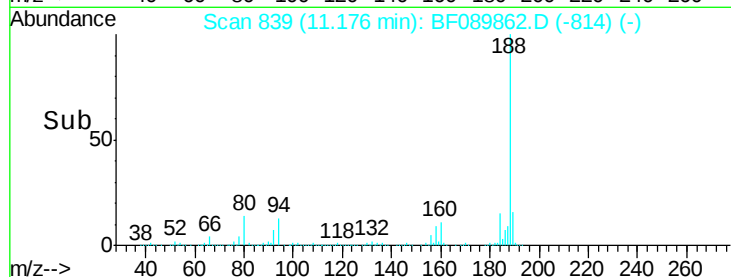
80 13.7 10.9 16.3



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: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF089862.D

Acq: 24 Aug 2016 5:35

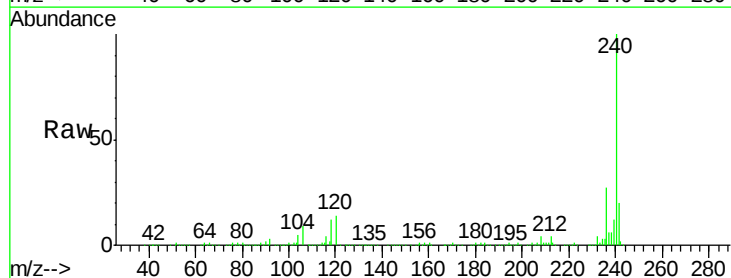
Tgt Ion:240 Resp: 1206077

Ion Ratio Lower Upper

240 100

120 14.1 8.3 12.5#

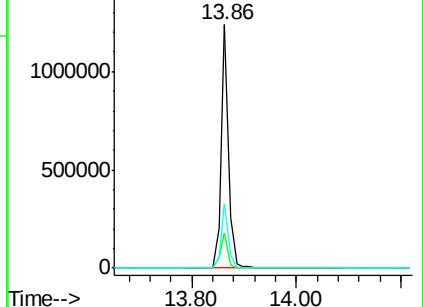
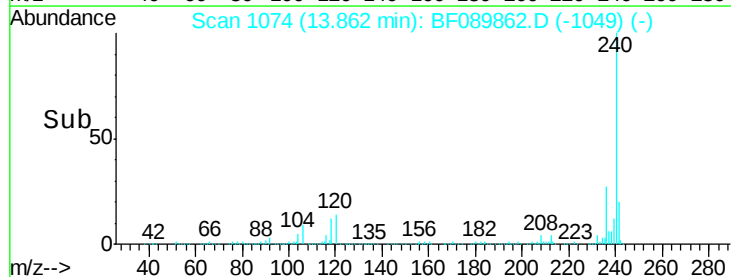
236 26.6 21.3 31.9

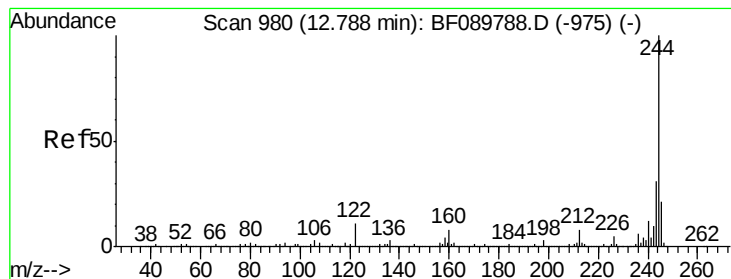


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.47 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089862.D

Acq: 24 Aug 2016 5:35

Instrument :

BNA_F

ClientSampleId :

BL-NOCHIP-4

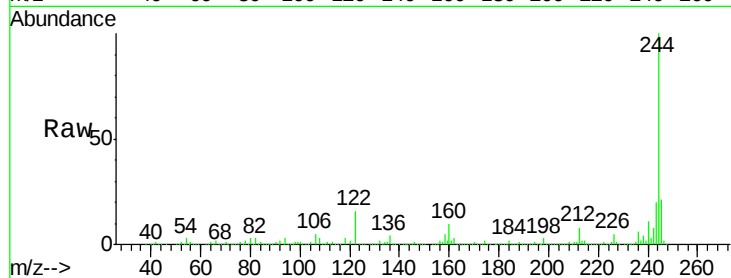
Tgt Ion:244 Resp: 3756947

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

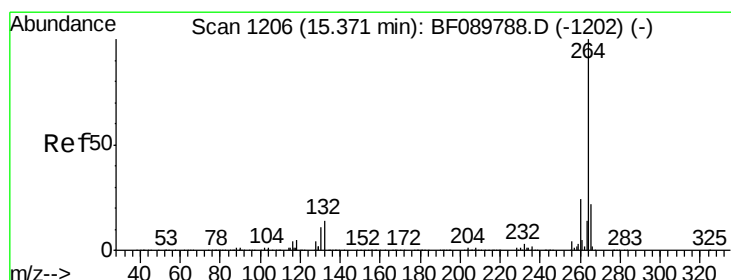
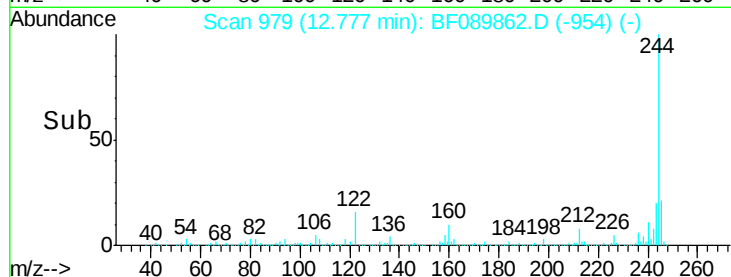
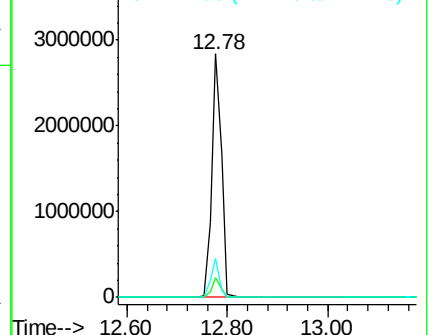
122 16.1 12.0 18.0



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: 15.38 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF089862.D

Acq: 24 Aug 2016 5:35

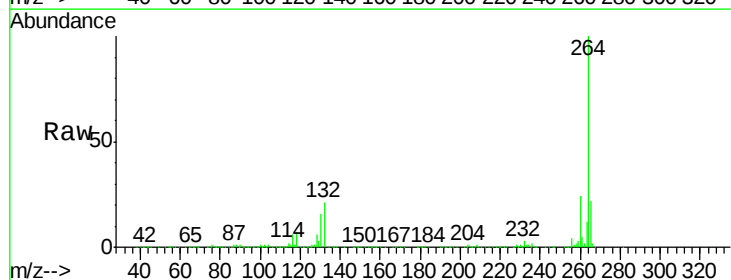
Tgt Ion:264 Resp: 959481

Ion Ratio Lower Upper

264 100

260 24.0 20.2 30.2

265 21.8 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

