

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089858.D
 Acq On : 24 Aug 2016 3:49
 Operator : UM/SJ
 Sample : BL-NOCHIP-2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-NOCHIP-2

Quant Time: Aug 25 14:23:08 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	439307	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1852417	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	841104	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1526791	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	1330411	20.00	ng	-0.03
86) Perylene-d12	15.30	264	1037239	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3113350	121.53	ng	-0.01
7) Phenol-d6	6.31	99	3570783	113.55	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2199959	73.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	903957	113.09	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4129205	86.28	ng	-0.01
78) Terphenyl-d14	12.78	244	3712814	63.13	ng	-0.01

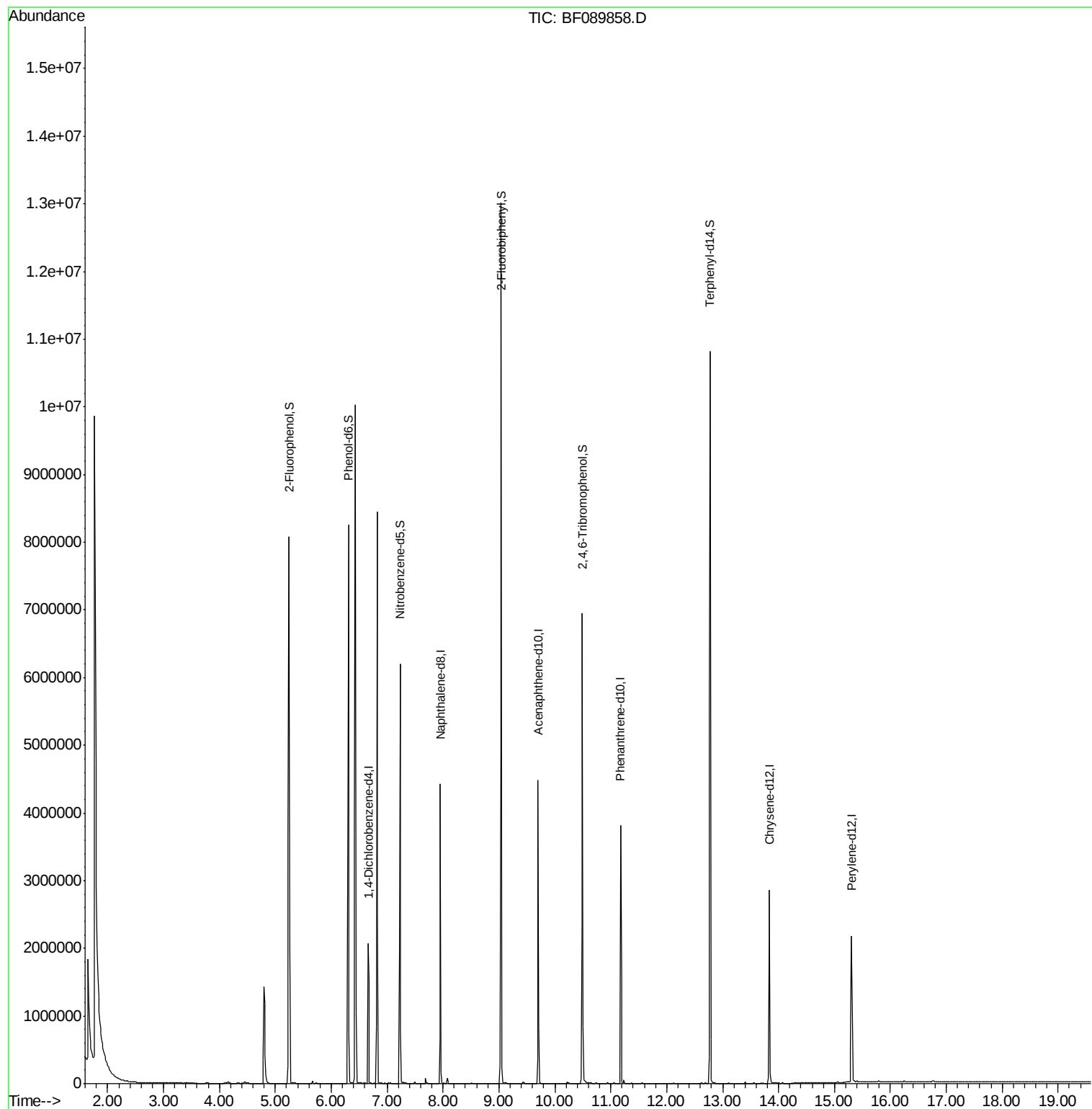
Target Compounds	Qvalue
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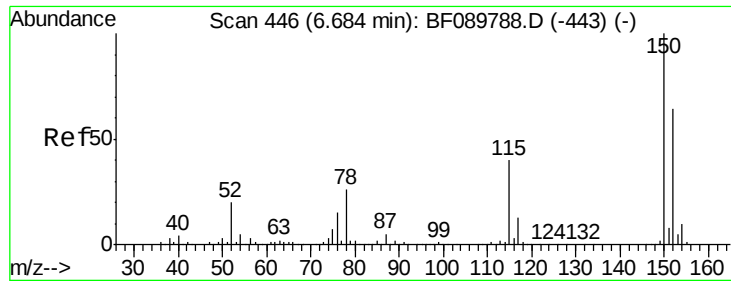
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089858.D

Acq: 24 Aug 2016 3:49

Instrument :

BNA_F

ClientSampleId :

BL-NOCHIP-2

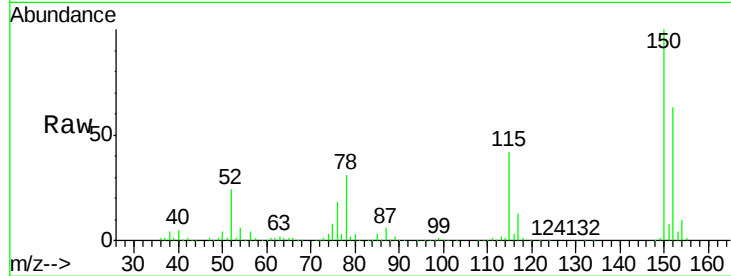
Tgt Ion:152 Resp: 439307

Ion Ratio Lower Upper

152 100

150 157.7 125.3 187.9

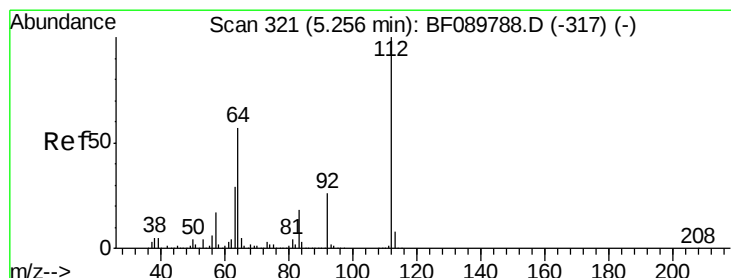
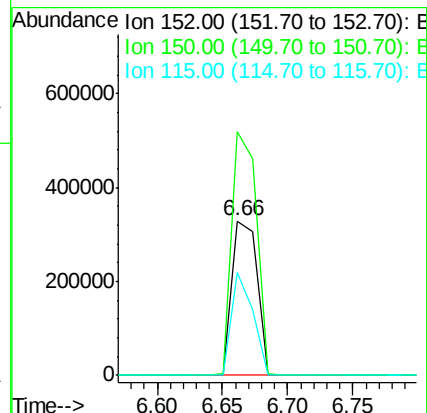
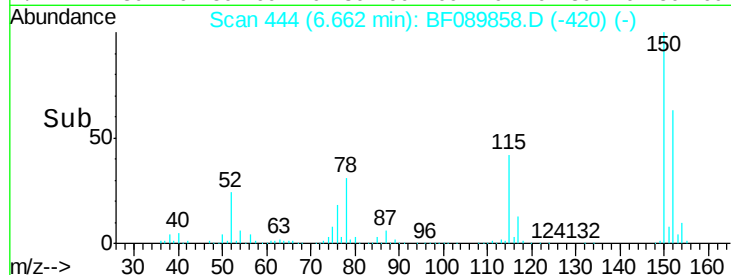
115 67.0 40.9 61.3#



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: 121.53 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089858.D

Acq: 24 Aug 2016 3:49

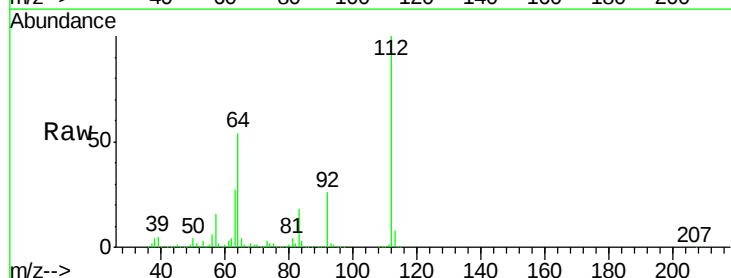
Tgt Ion:112 Resp: 3113350

Ion Ratio Lower Upper

112 100

64 54.1 45.0 67.4

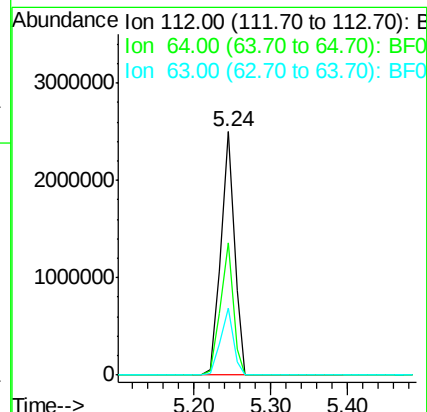
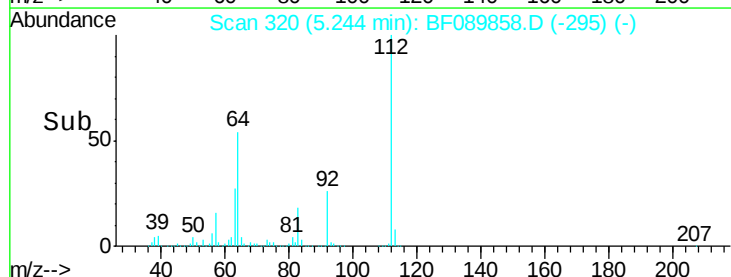
63 27.3 23.1 34.7



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: 113.55 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089858.D

Acq: 24 Aug 2016 3:49

Instrument :

BNA_F

ClientSampleId :

BL-NOCHIP-2

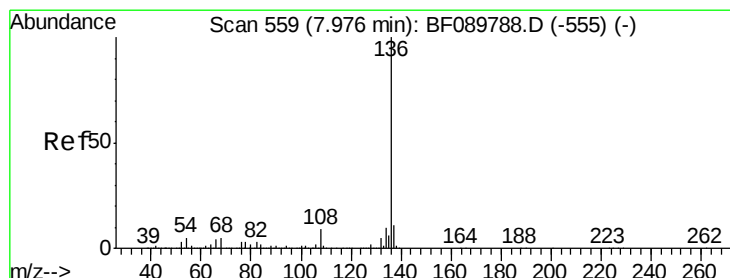
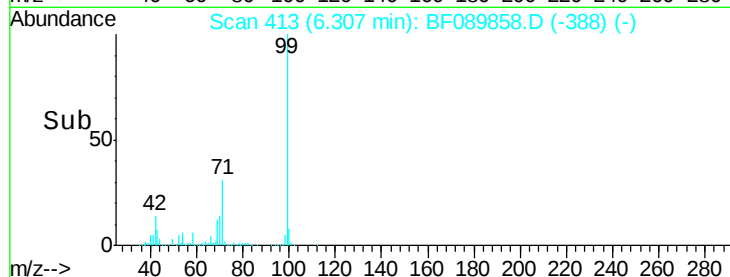
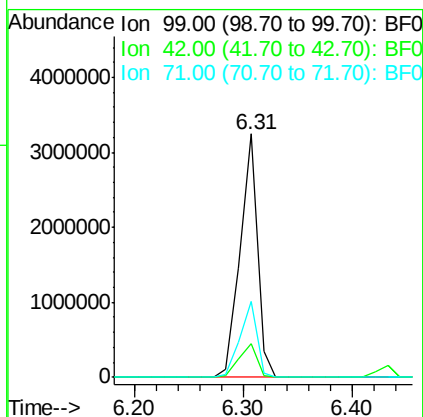
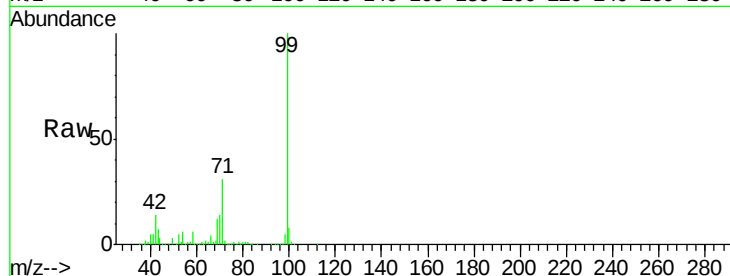
Tgt Ion: 99 Resp: 3570783

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.4

71 31.1 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089858.D

Acq: 24 Aug 2016 3:49

Tgt Ion: 136 Resp: 1852417

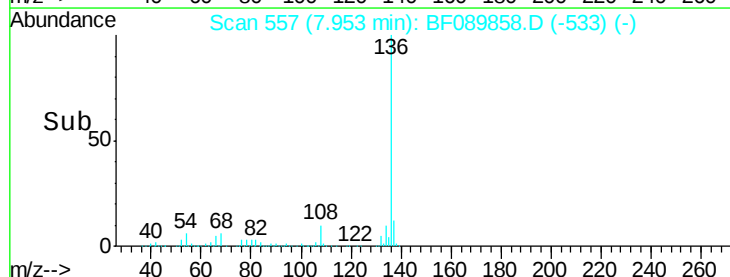
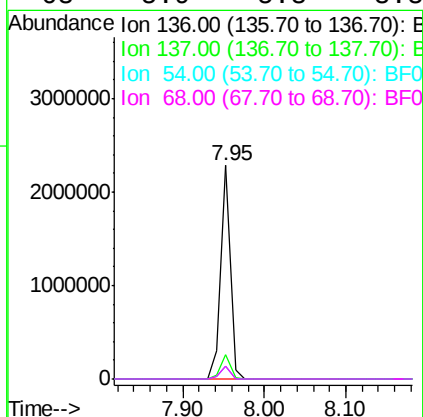
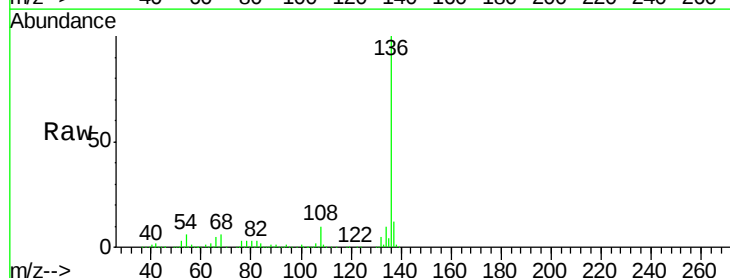
Ion Ratio Lower Upper

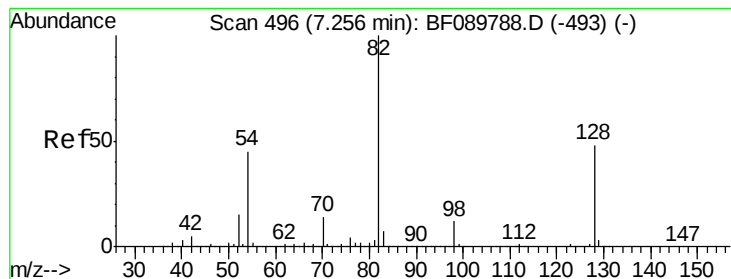
136 100

137 11.6 9.2 13.8

54 6.2 7.2 10.8#

68 5.9 5.8 8.8





#23

Nitrobenzene-d5

Concen: 73.78 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089858.D

Acq: 24 Aug 2016 3:49

Instrument :

BNA_F

ClientSampleId :

BL-NOCHIP-2

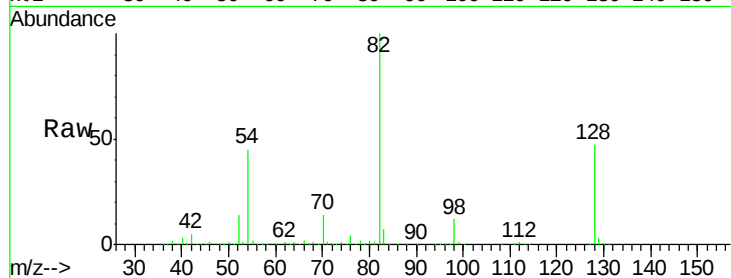
Tgt Ion: 82 Resp: 2199959

Ion Ratio Lower Upper

82 100

128 47.3 34.4 51.6

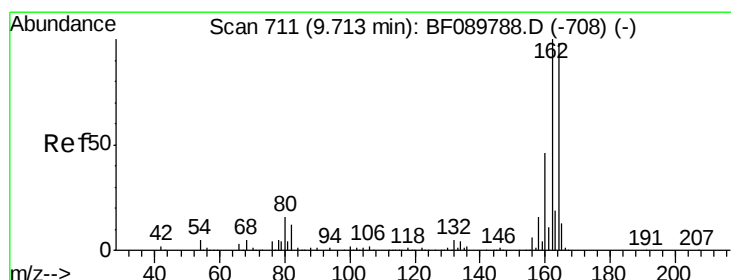
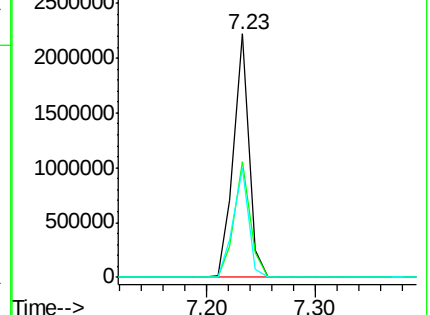
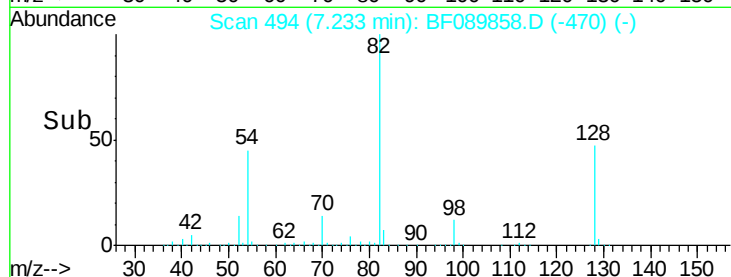
54 44.7 40.3 60.5



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: BF089858.D

Acq: 24 Aug 2016 3:49

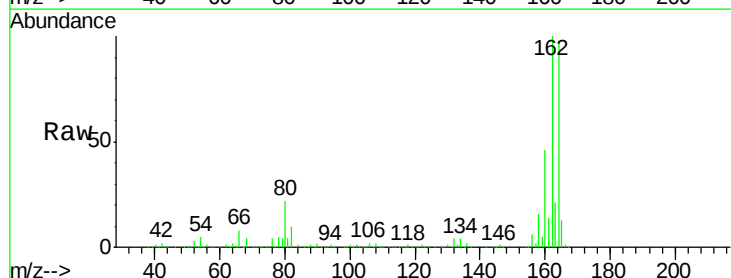
Tgt Ion: 164 Resp: 841104

Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.2

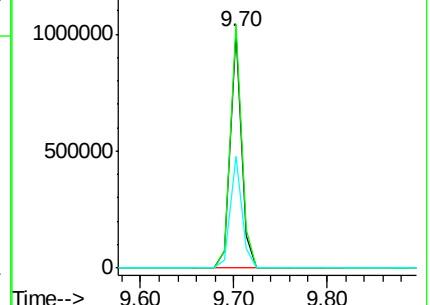
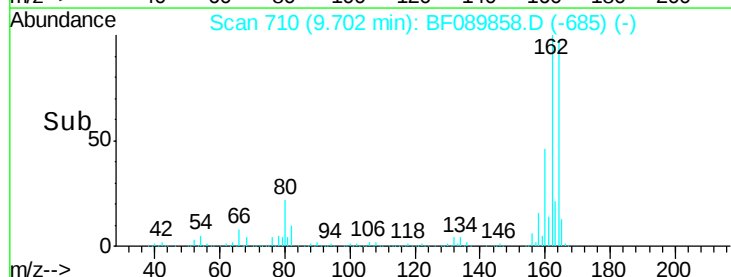
160 47.6 37.8 56.6

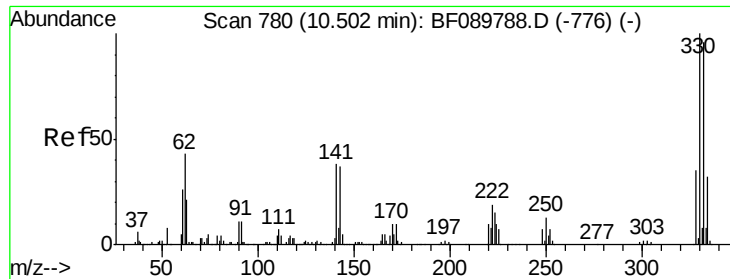


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

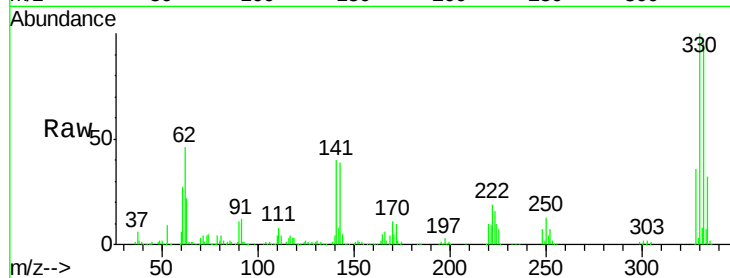




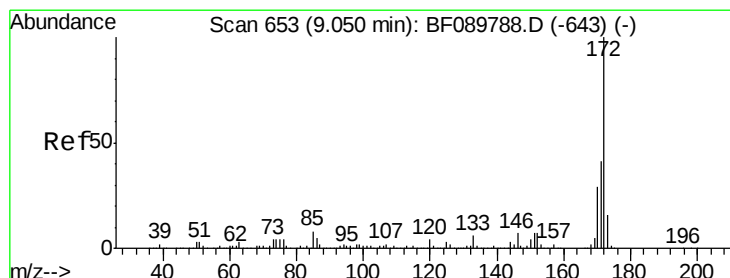
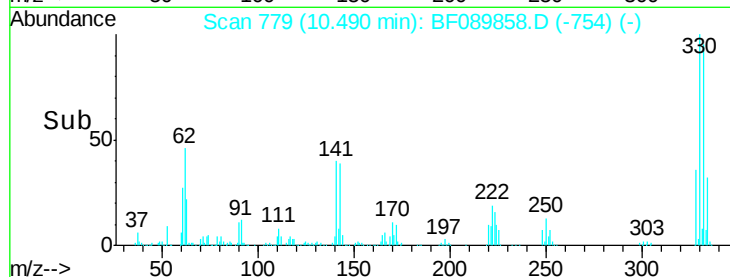
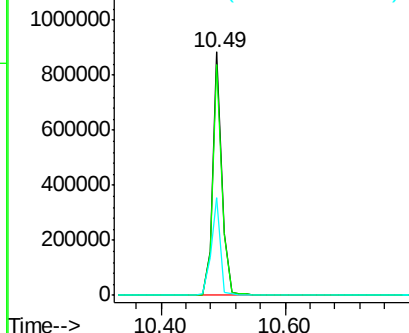
#41
 2,4,6-Tribromophenol
 Concen: 113.09 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089858.D
 Acq: 24 Aug 2016 3:49

Instrument :
 BNA_F
 ClientSampleId :
 BL-NOCHIP-2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.7	115.1
141	39.7	30.2	45.2

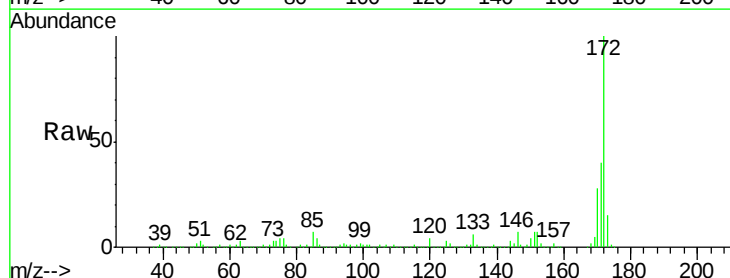


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

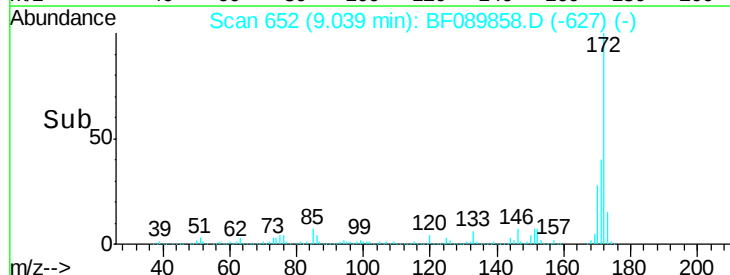
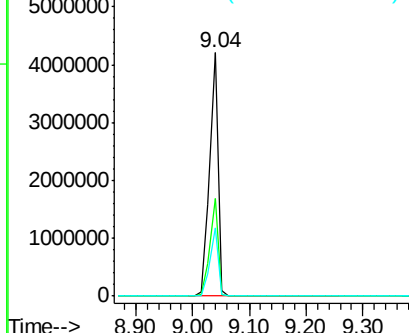


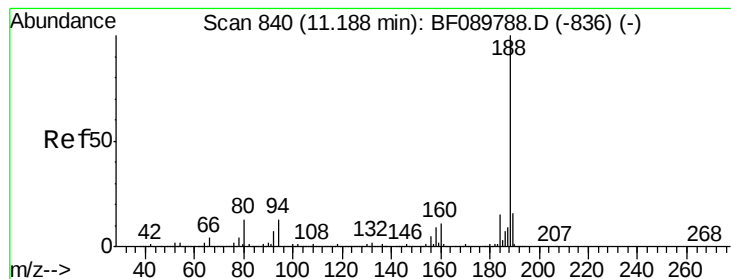
#44
 2-Fluorobiphenyl
 Concen: 86.28 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089858.D
 Acq: 24 Aug 2016 3:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	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: BF089858.D

Acq: 24 Aug 2016 3:49

Instrument :

BNA_F

ClientSampleId :

BL-NOCHIP-2

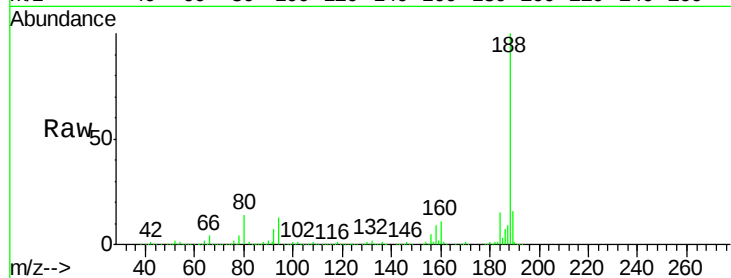
Tgt Ion:188 Resp: 1526791

Ion Ratio Lower Upper

188 100

94 12.9 10.2 15.2

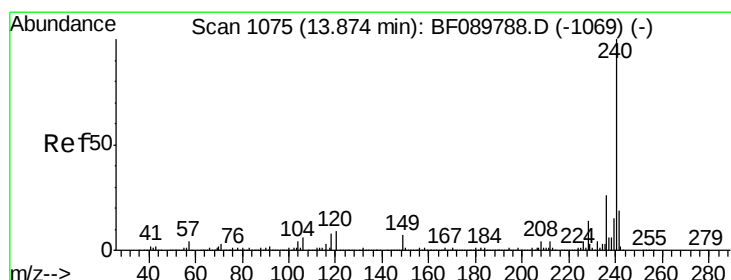
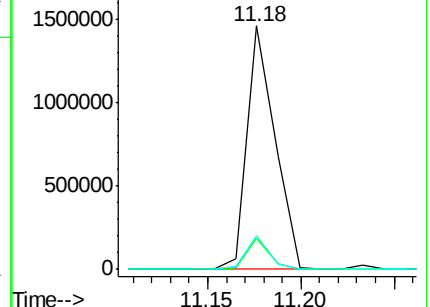
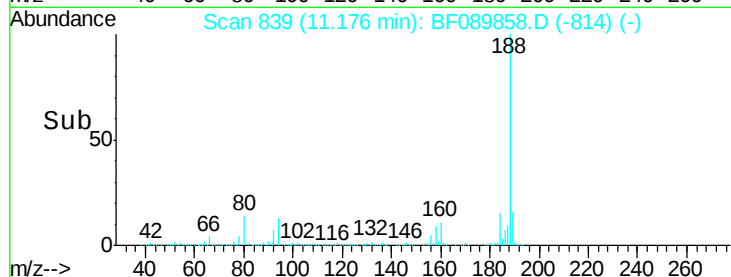
80 13.7 10.9 16.3



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: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089858.D

Acq: 24 Aug 2016 3:49

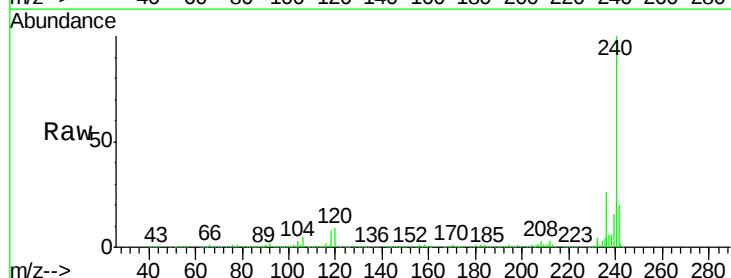
Tgt Ion:240 Resp: 1330411

Ion Ratio Lower Upper

240 100

120 8.6 8.3 12.5

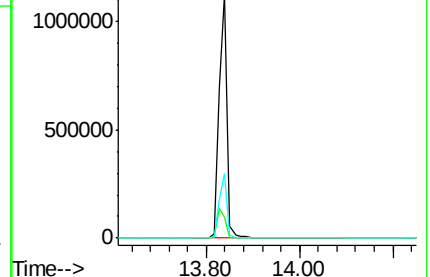
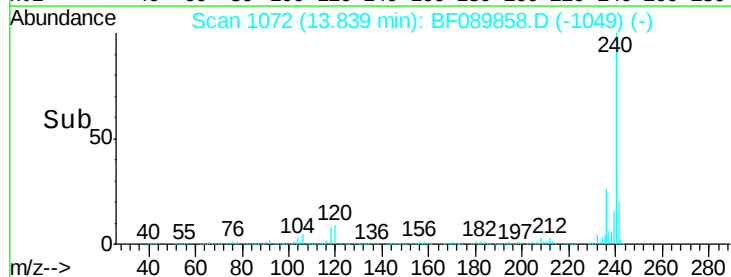
236 26.4 21.3 31.9

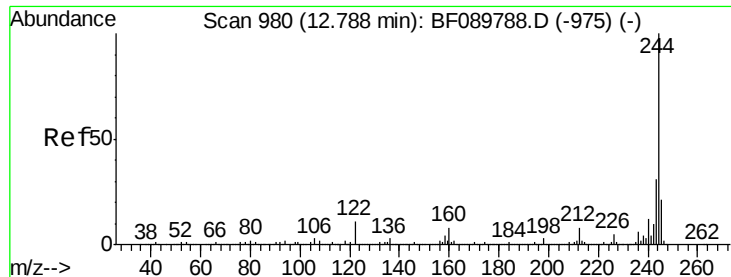


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

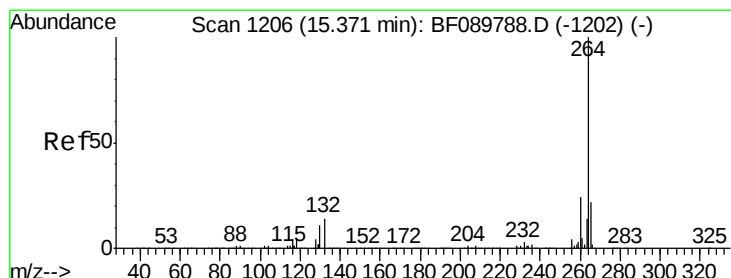
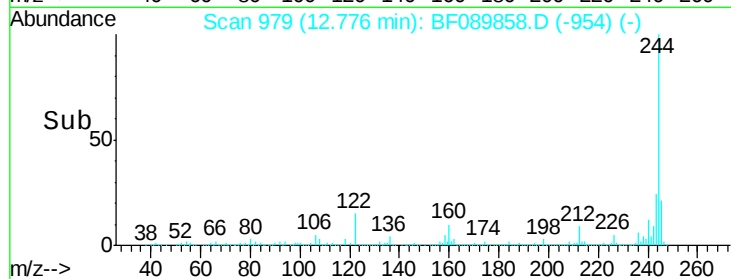
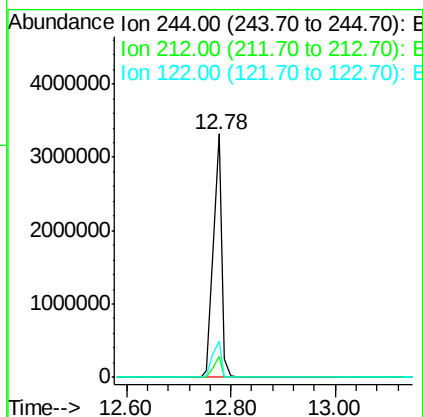
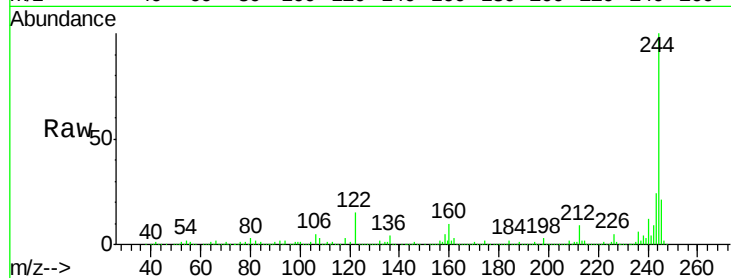




#78
 Terphenyl-d14
 Concen: 63.13 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF089858.D
 Acq: 24 Aug 2016 3:49

Instrument :
 BNA_F
 ClientSampleId :
 BL-NOCHIP-2

Tgt Ion:244 Resp: 3712814
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.3 9.5
 122 14.8 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. -0.07 min
 Lab File: BF089858.D
 Acq: 24 Aug 2016 3:49

Tgt Ion:264 Resp: 1037239
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.2 30.2
 265 22.1 17.4 26.2

