

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087108.D
 Acq On : 17 May 2016 18:05
 Operator : UM/SJ
 Sample : H3074-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216

Quant Time: May 17 18:31:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	152766	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	623870	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	305526	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	587381	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	510159	20.00	ng	-0.02
86) Perylene-d12	15.10	264	332087	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1074531	118.23	ng	0.00
7) Phenol-d6	6.26	99	1339131	109.86	ng	-0.02
23) Nitrobenzene-d5	7.16	82	1049802	83.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	415682	123.12	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1659756	89.97	ng	-0.02
78) Terphenyl-d14	12.70	244	1466850	65.04	ng	-0.01

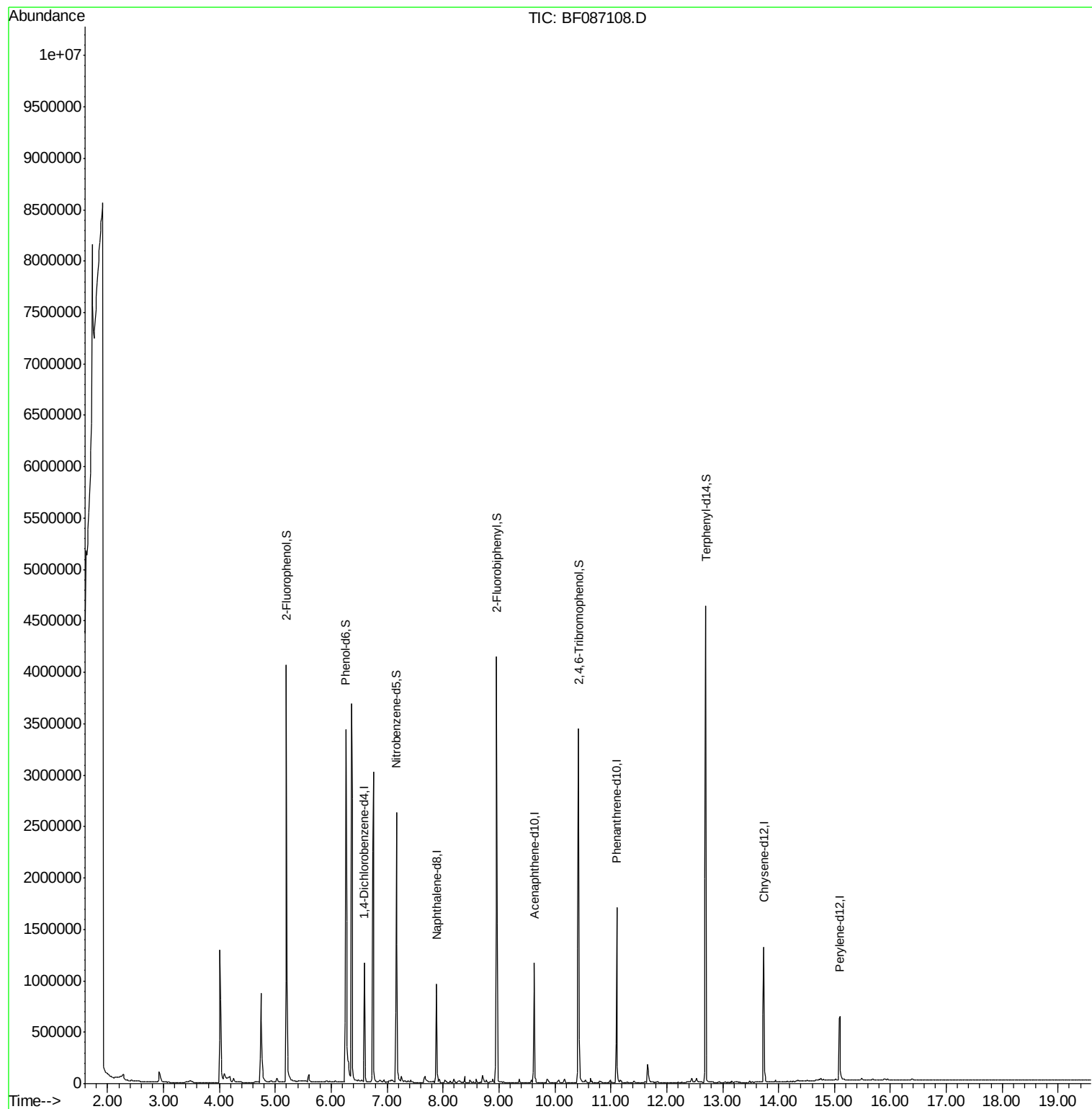
Target Compounds Qvalue

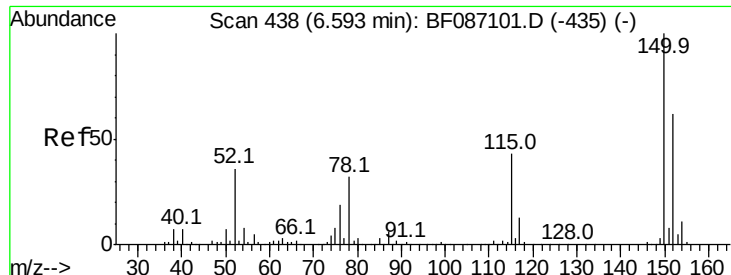
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087108.D

Acq: 17 May 2016 18:05

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216

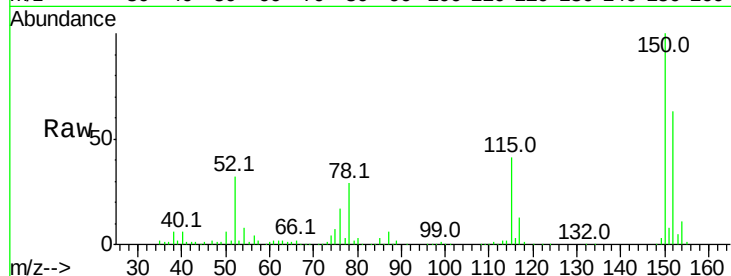
Tot Ion:152 Resp: 152766

Ion Ratio Lower Upper

152 100

150 157.9 125.8 188.6

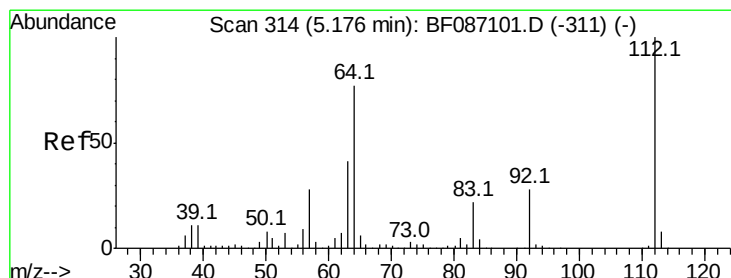
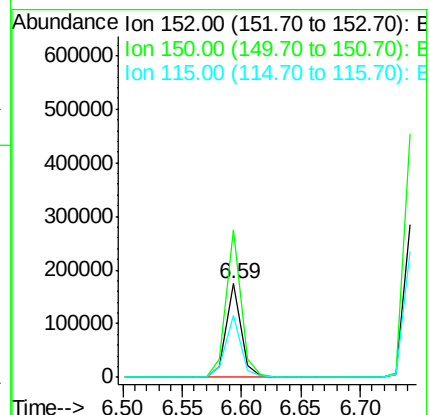
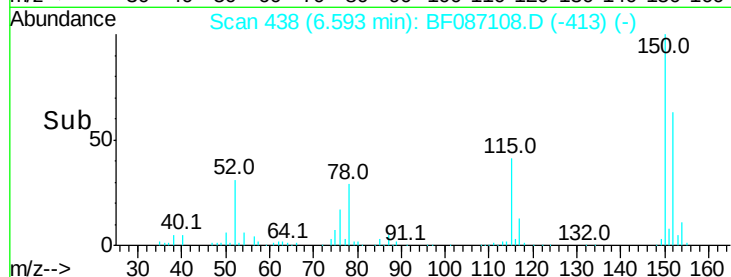
115 65.5 51.5 77.3



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: 118.23 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087108.D

Acq: 17 May 2016 18:05

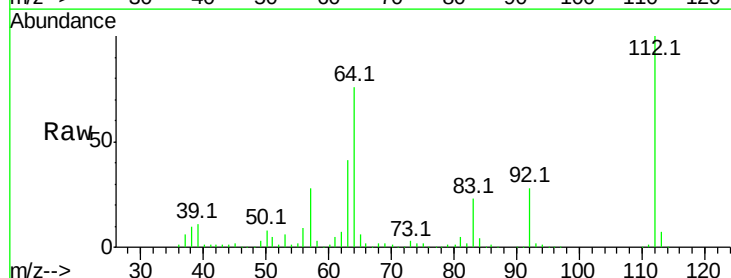
Tgt Ion:112 Resp: 1074531

Ion Ratio Lower Upper

112 100

64 76.1 52.1 78.1

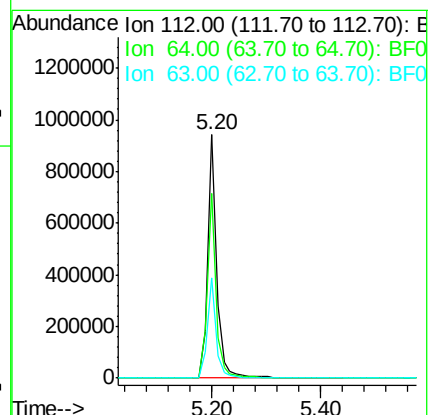
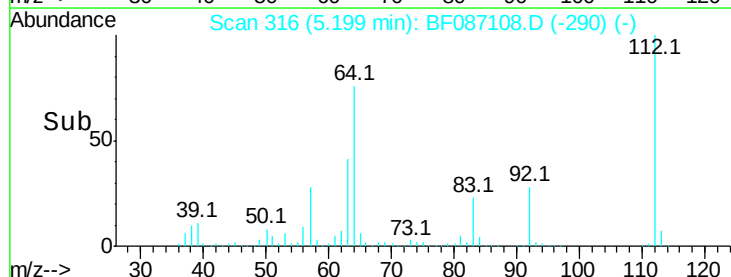
63 41.2 25.7 38.5#

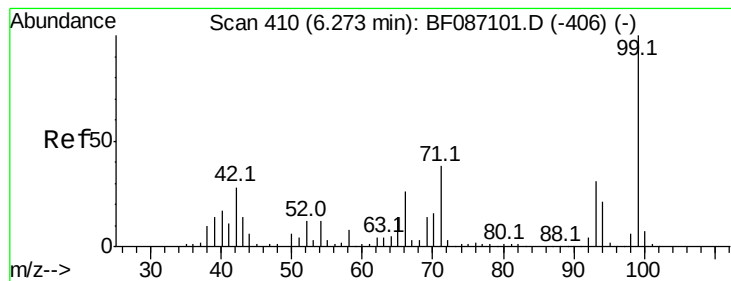


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.86 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087108.D

Acq: 17 May 2016 18:05

Instrument :

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HSR-WC-44-051216

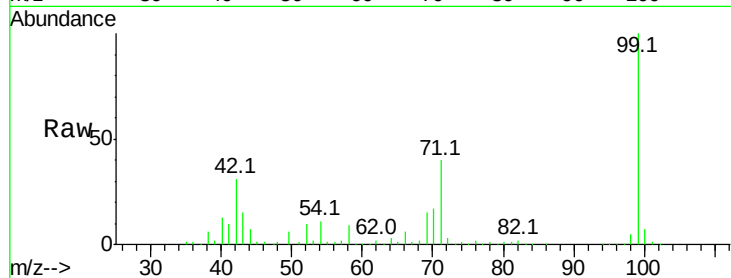
Tot Ion: 99 Resp: 1339131

Ion Ratio Lower Upper

99 100

42 31.3 13.6 20.4#

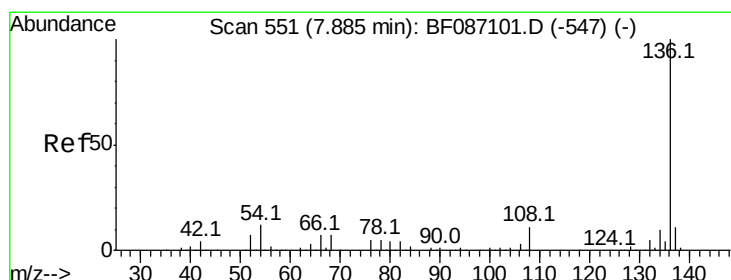
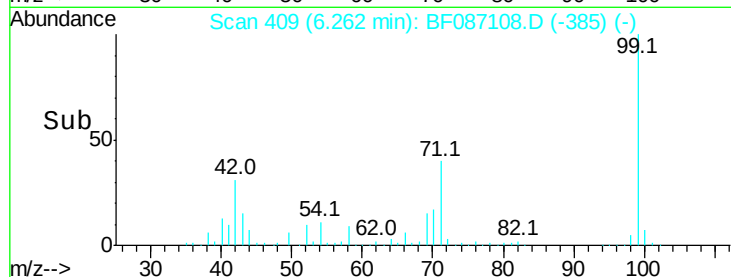
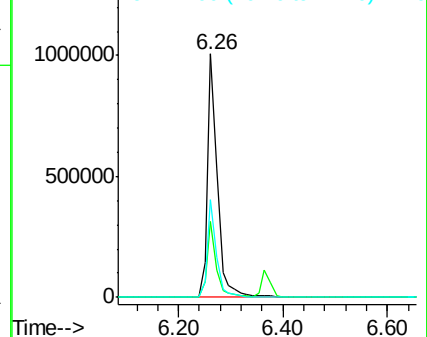
71 40.0 24.6 36.8#



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: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF087108.D

Acq: 17 May 2016 18:05

Tgt Ion: 136 Resp: 623870

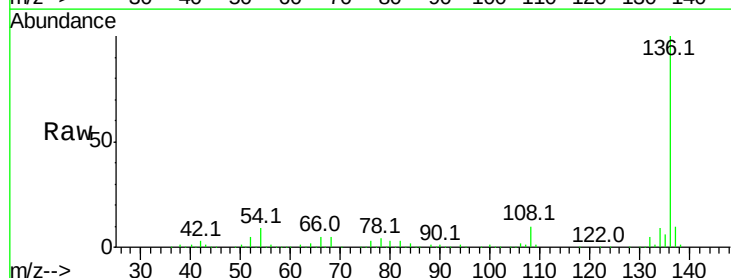
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 8.8 5.0 7.4#

68 5.1 4.4 6.6

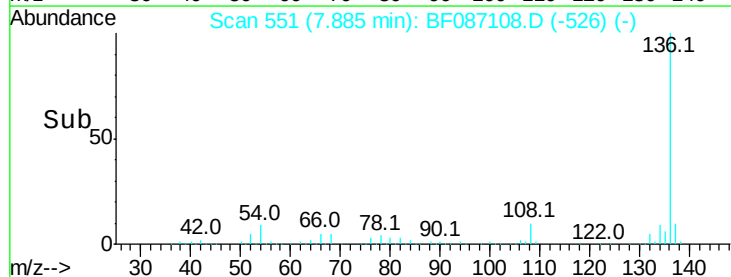
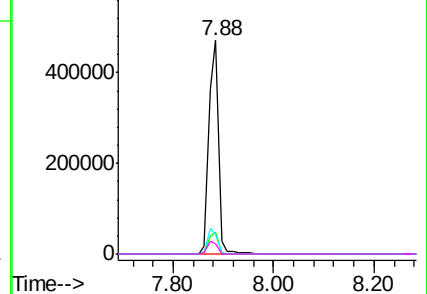


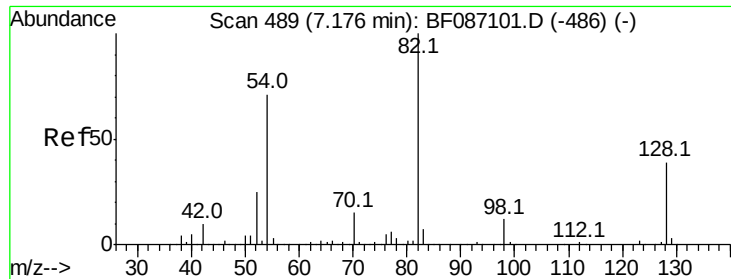
Abundance Ion 136.00 (135.70 to 136.70): E

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

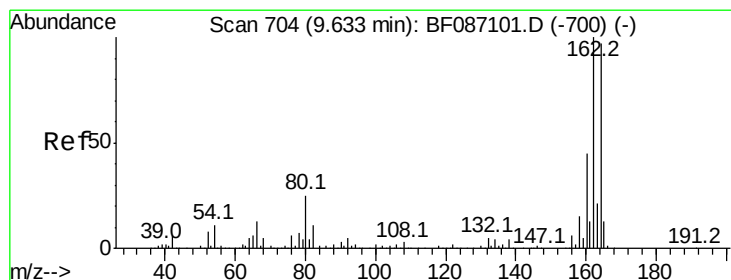
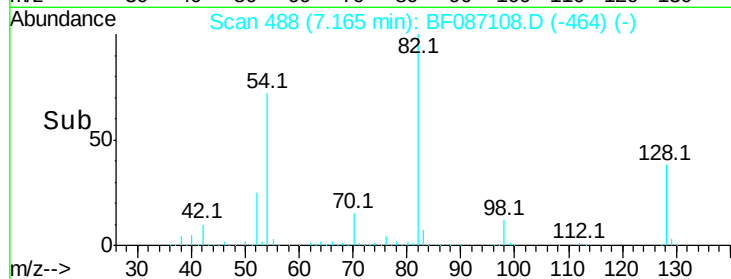
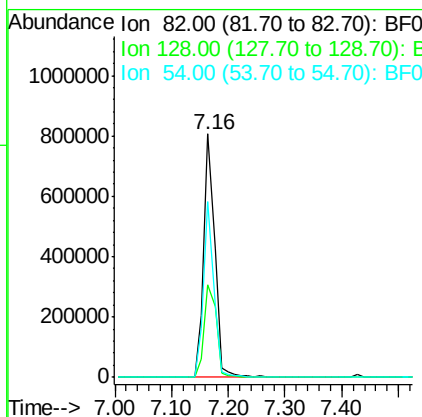
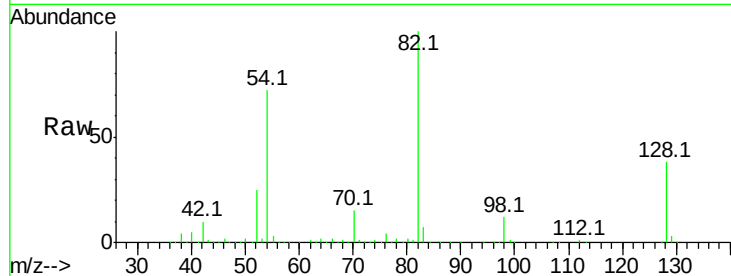




#23
 Nitrobenzene-d5
 Concen: 83.86 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.02 min
 Lab File: BF087108.D
 Acq: 17 May 2016 18:05

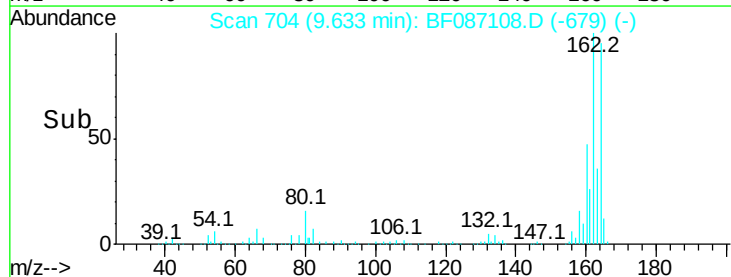
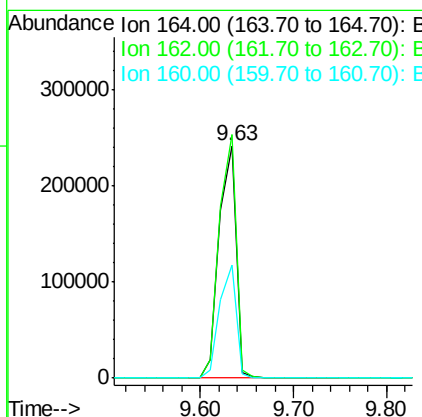
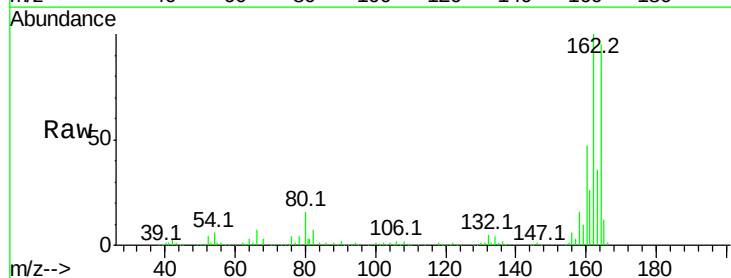
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216

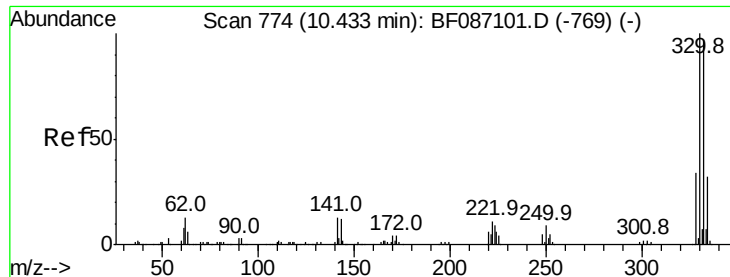
Tot Ion: 82 Resp: 1049802
 Ion Ratio Lower Upper
 82 100
 128 37.8 40.6 61.0#
 54 72.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF087108.D
 Acq: 17 May 2016 18:05

Tgt Ion:164 Resp: 305526
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.8 124.2
 160 48.9 36.9 55.3

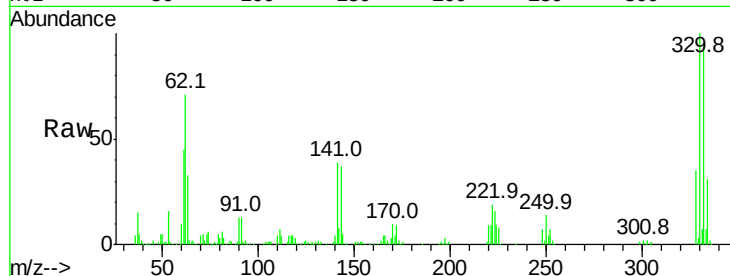




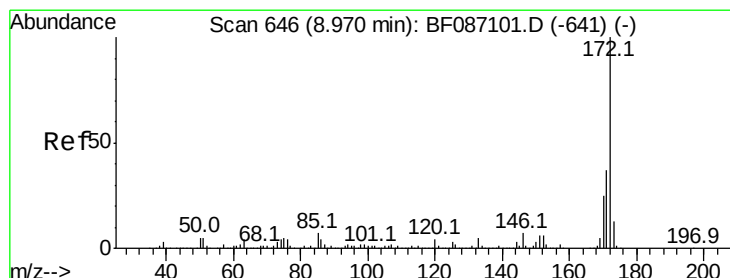
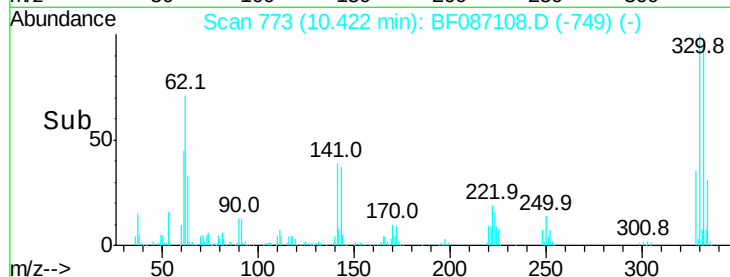
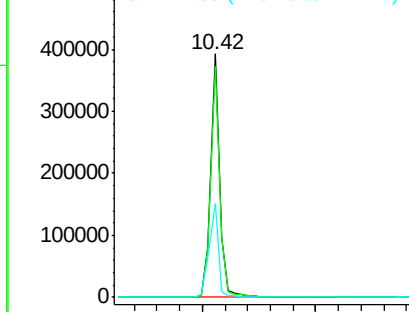
#41
 2,4,6-Tribromophenol
 Concen: 123.12 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087108.D
 Acq: 17 May 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216

Tot Ion:330 Resp: 415682
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.0 118.4
 141 39.6 31.2 46.8

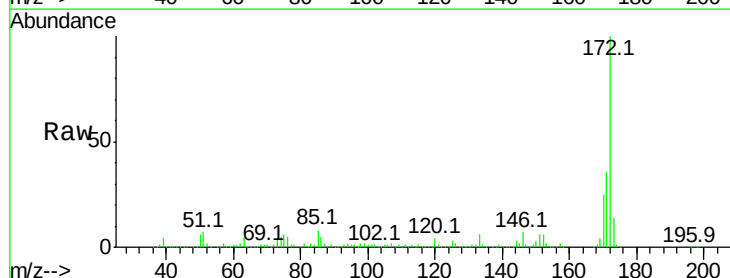


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

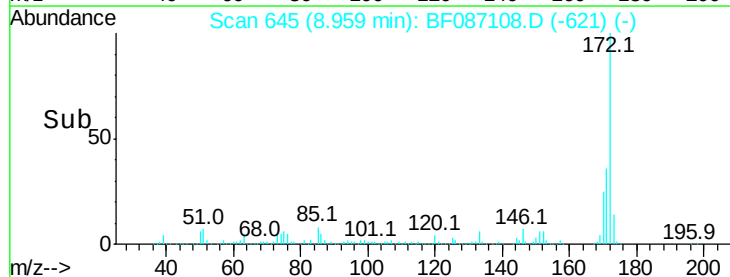
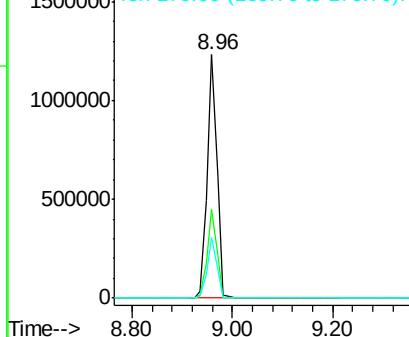


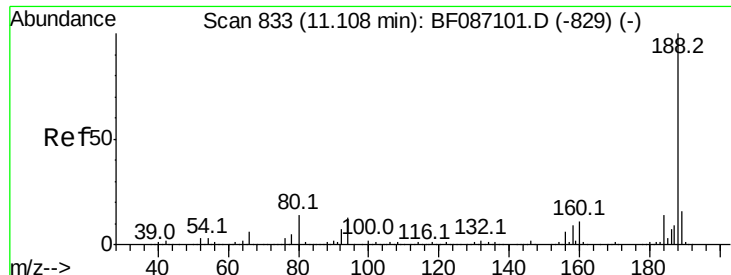
#44
 2-Fluorobiphenyl
 Concen: 89.97 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087108.D
 Acq: 17 May 2016 18:05

Tgt Ion:172 Resp: 1659756
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.6 19.8 29.8



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

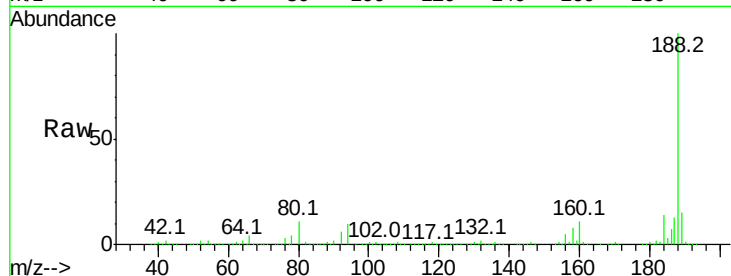




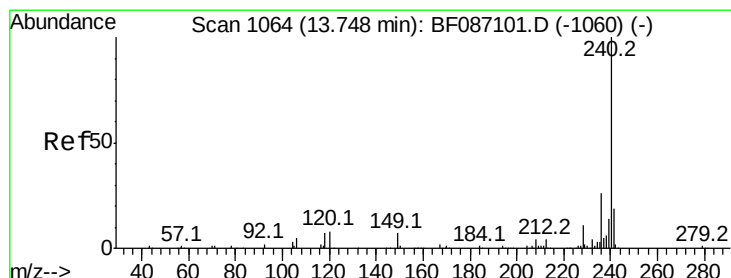
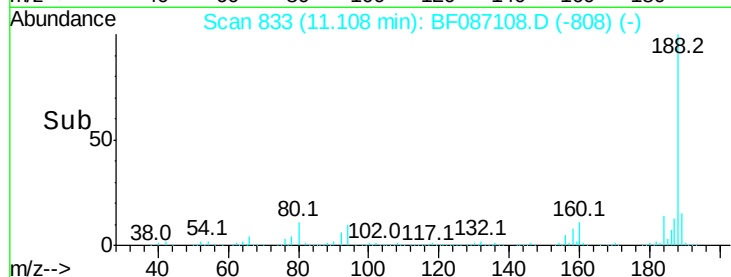
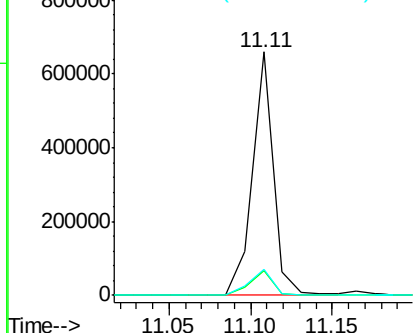
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF087108.D
Acq: 17 May 2016 18:05

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216

Tot Ion:188 Resp: 587381
Ion Ratio Lower Upper
188 100
94 10.0 6.8 10.2
80 10.8 7.1 10.7#

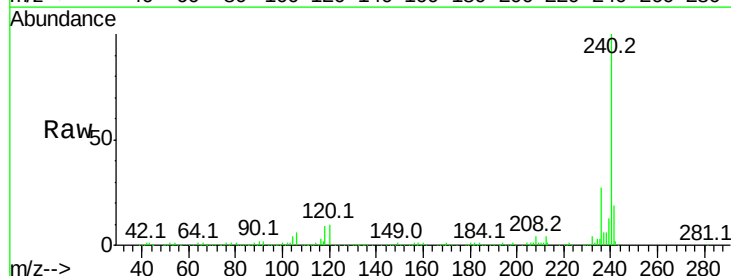


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

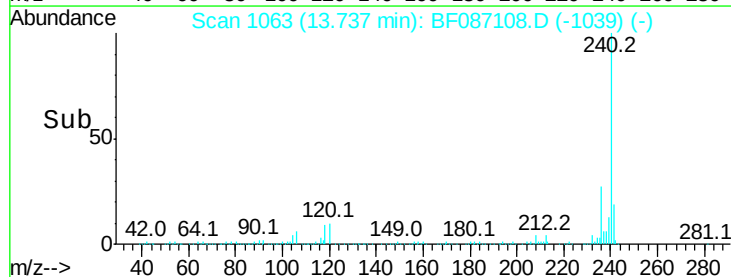
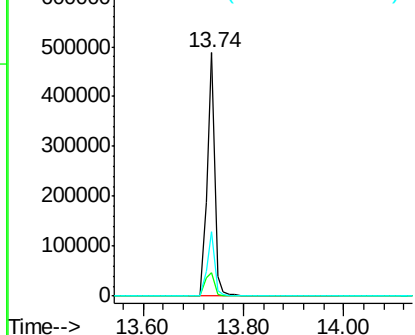


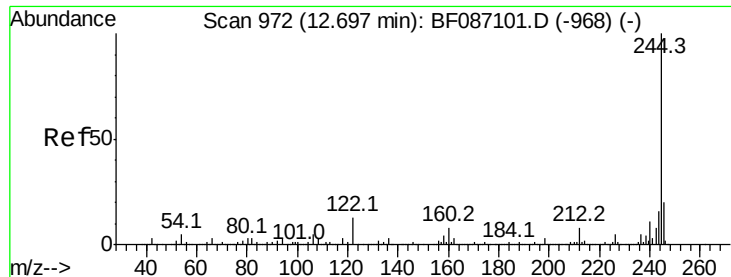
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF087108.D
Acq: 17 May 2016 18:05

Tgt Ion:240 Resp: 510159
Ion Ratio Lower Upper
240 100
120 9.9 11.2 16.8#
236 26.6 21.2 31.8



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

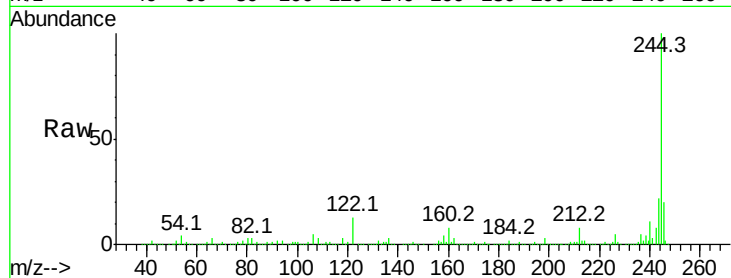




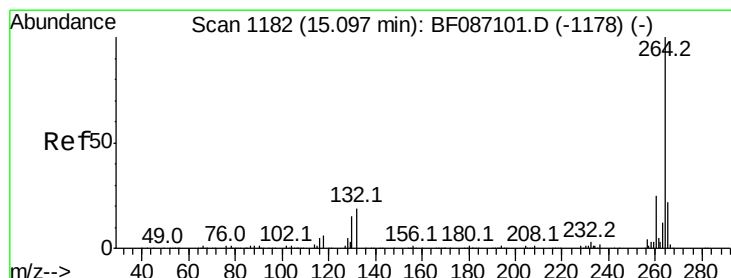
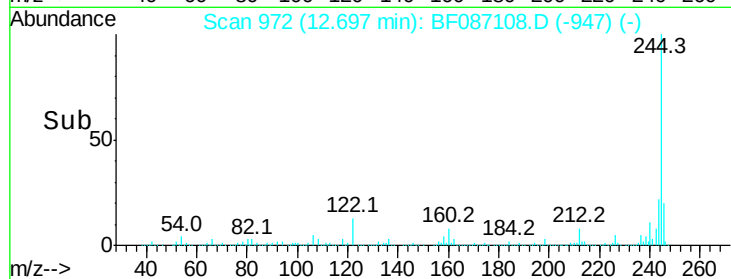
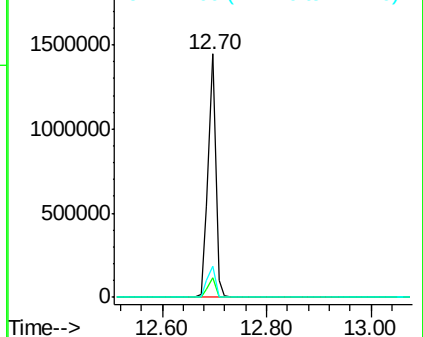
#78
 Terphenyl-d14
 Concen: 65.04 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF087108.D
 Acq: 17 May 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216

Tot Ion:244 Resp: 1466850
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 12.7 12.0 18.0

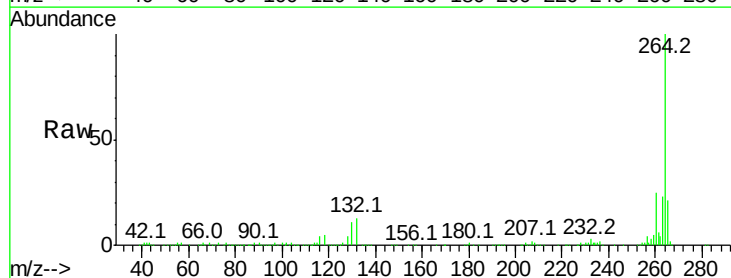


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF087108.D
 Acq: 17 May 2016 18:05

Tgt Ion:264 Resp: 332087
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.2 17.3 25.9



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

