

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087111.D
 Acq On : 17 May 2016 19:32
 Operator : UM/SJ
 Sample : H2945-01RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616RE

Quant Time: May 18 02:20:30 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	153796	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	620108	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	286794	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	618087	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	541212	20.00	ng	-0.02
86) Perylene-d12	15.09	264	125318	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1188174	129.86	ng	0.00
7) Phenol-d6	6.26	99	1475007	120.19	ng	-0.02
23) Nitrobenzene-d5	7.16	82	1101162	88.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	489510	154.46	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1725487	99.64	ng	-0.02
78) Terphenyl-d14	12.70	244	1779243	74.37	ng	-0.01

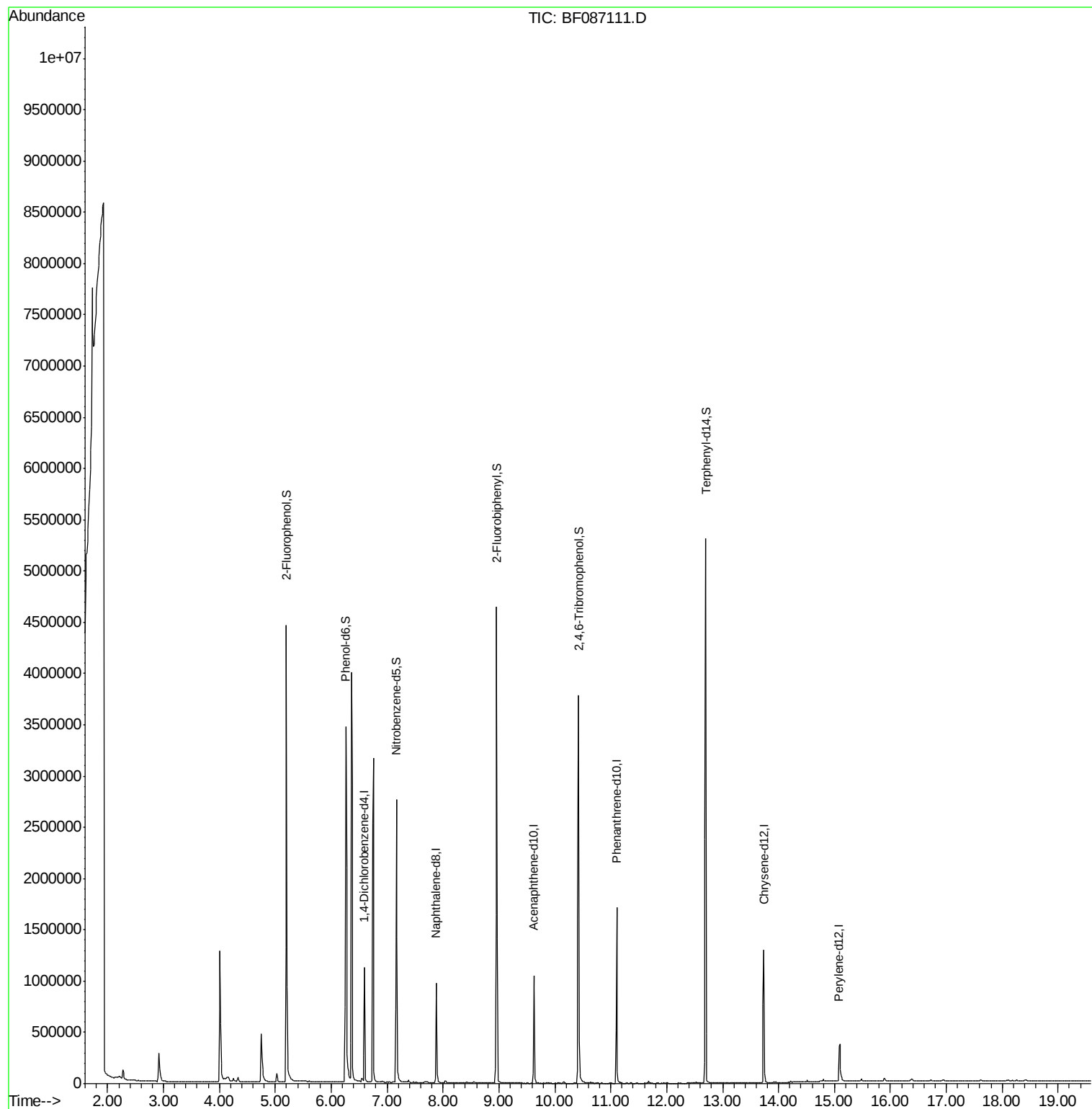
Target Compounds Qvalue

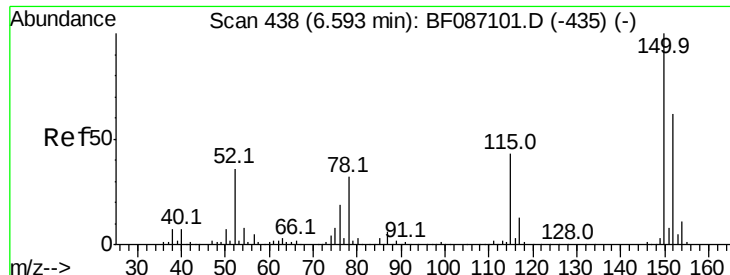
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616RE

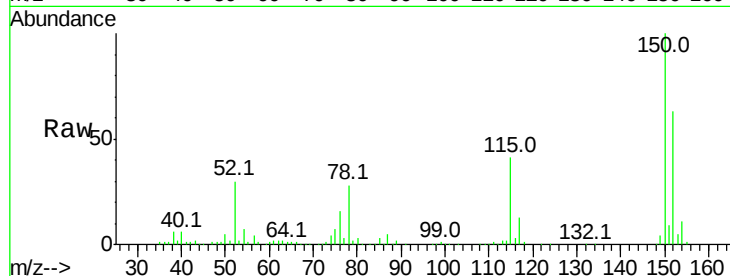
Tot Ion:152 Resp: 153796

Ion Ratio Lower Upper

152 100

150 157.5 125.8 188.6

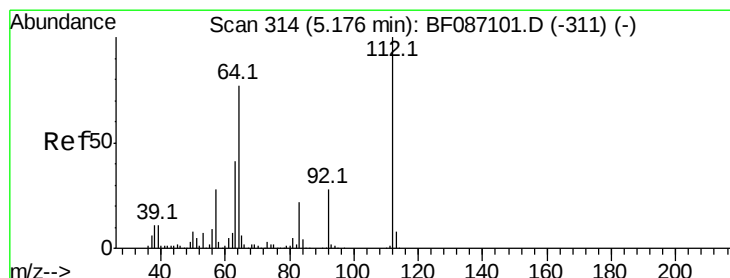
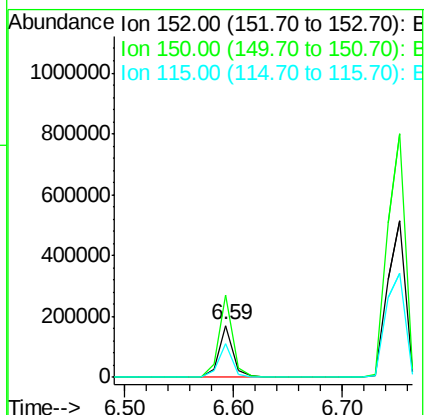
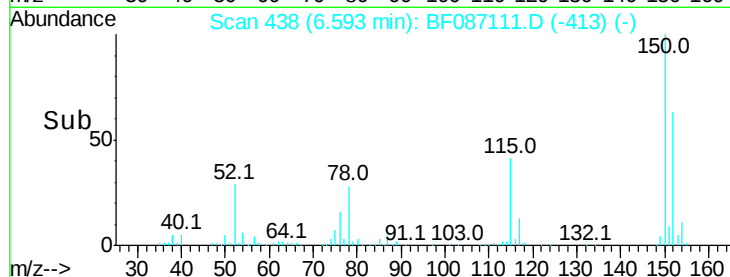
115 64.4 51.5 77.3



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: 129.86 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

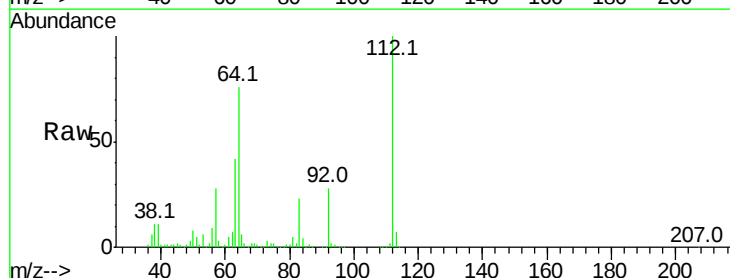
Tgt Ion:112 Resp: 1188174

Ion Ratio Lower Upper

112 100

64 75.6 52.1 78.1

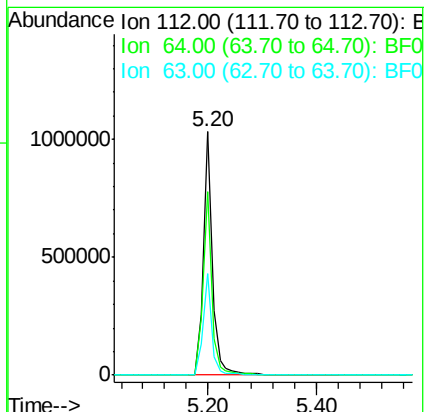
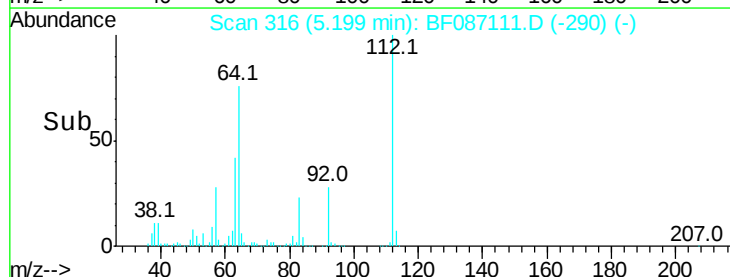
63 41.9 25.7 38.5

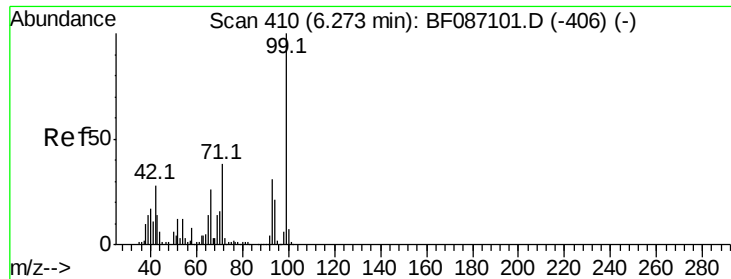


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.19 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

Instrument :

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ClientSampleId :

HSR-WC-43-050616RE

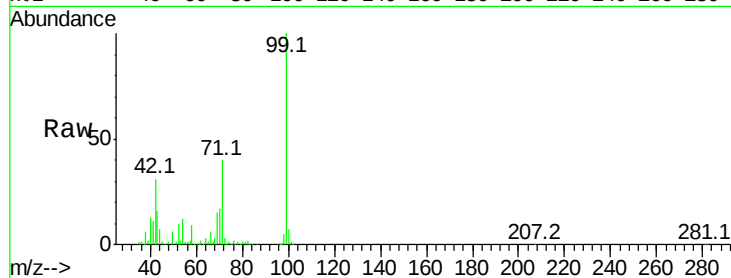
Tot Ion: 99 Resp: 1475007

Ion Ratio Lower Upper

99 100

42 31.5 13.6 20.4#

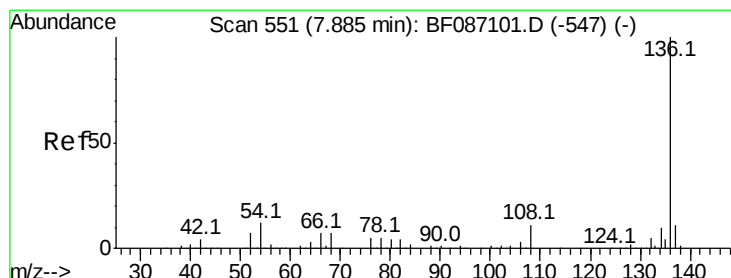
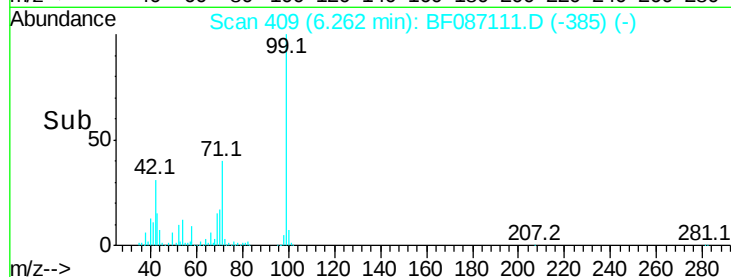
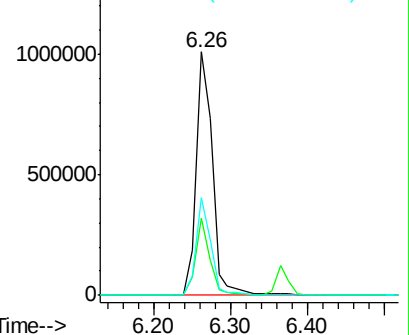
71 40.3 24.6 36.8#



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: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

Tgt Ion: 136 Resp: 620108

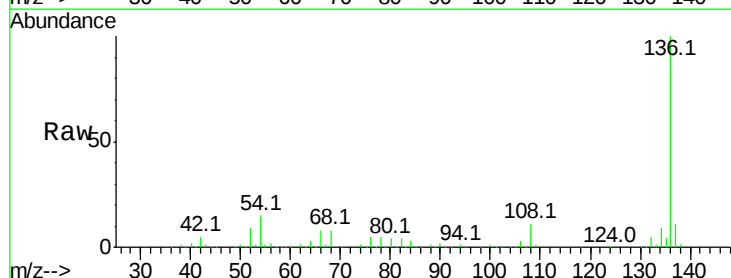
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 15.4 5.0 7.4#

68 7.9 4.4 6.6#

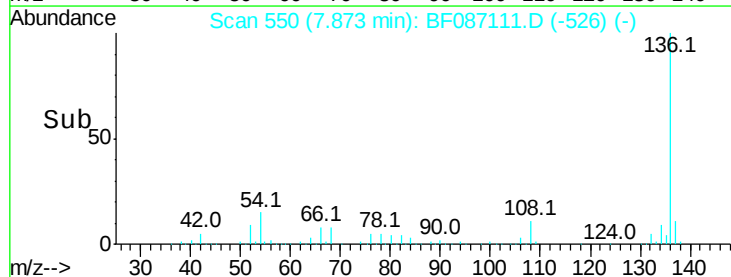
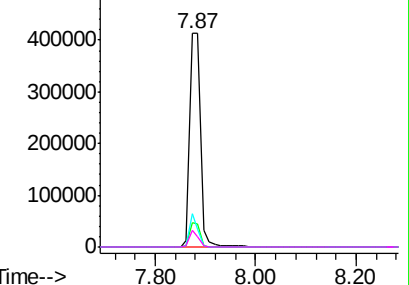


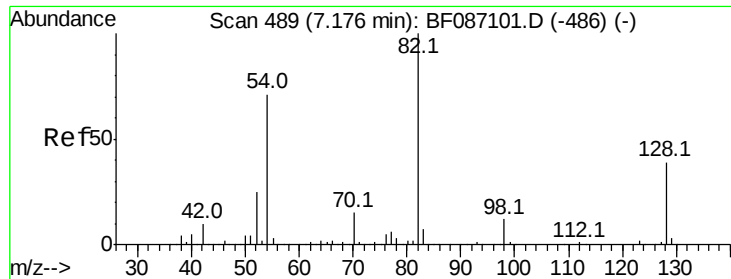
Abundance Ion 136.00 (135.70 to 136.70): E

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

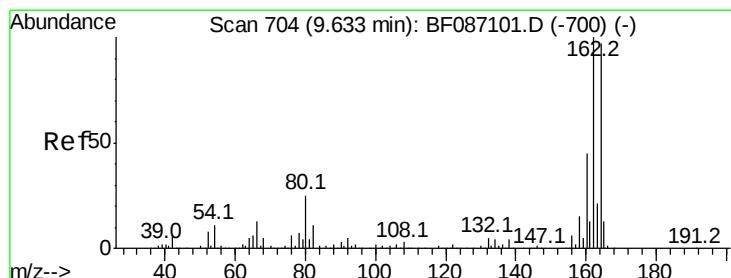
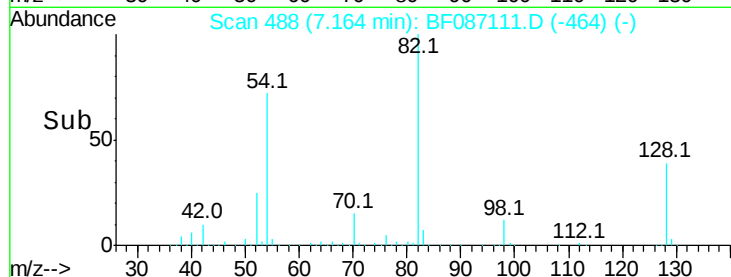
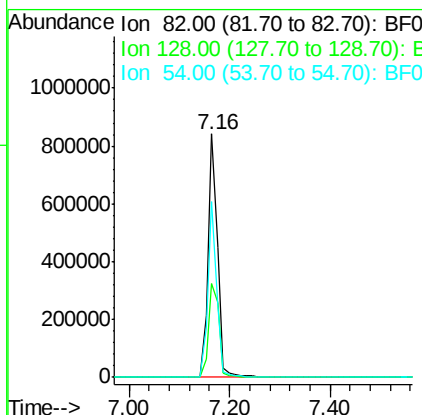
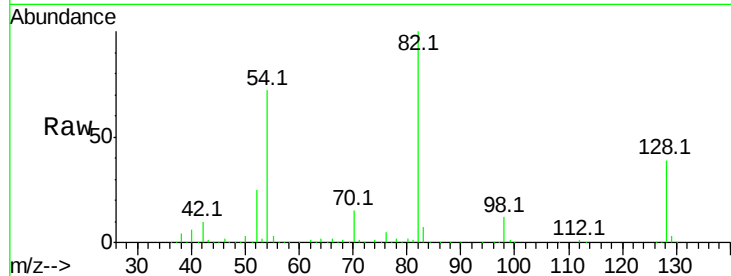




#23
 Nitrobenzene-d5
 Concen: 88.50 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.02 min
 Lab File: BF087111.D
 Acq: 17 May 2016 19:32

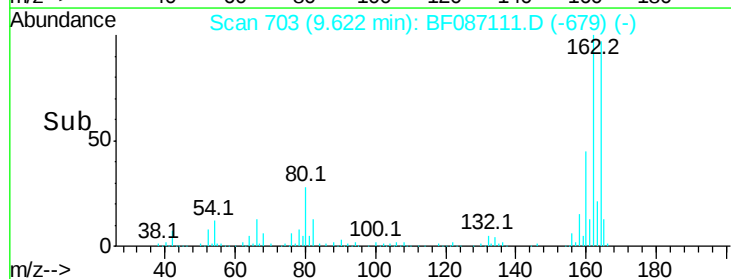
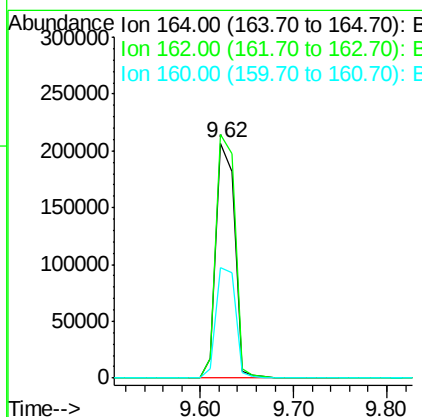
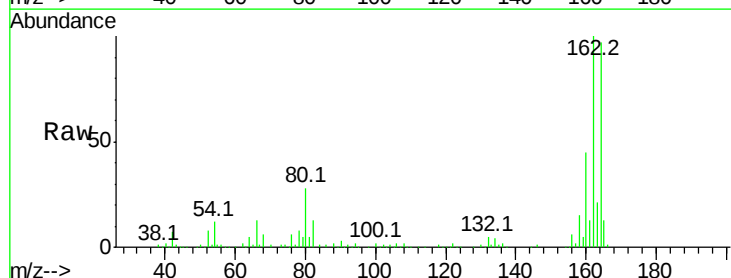
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616RE

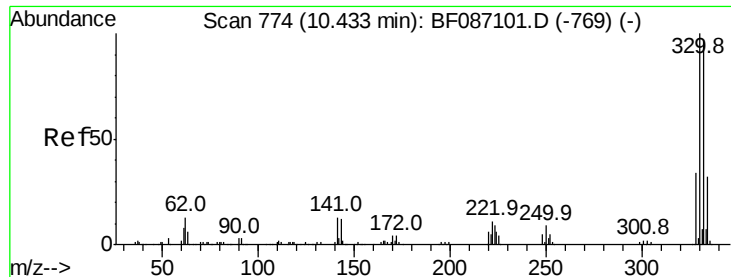
Tot Ion: 82 Resp: 1101162
 Ion Ratio Lower Upper
 82 100
 128 38.8 40.6 61.0#
 54 72.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF087111.D
 Acq: 17 May 2016 19:32

Tgt Ion:164 Resp: 286794
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.8 124.2
 160 46.7 36.9 55.3

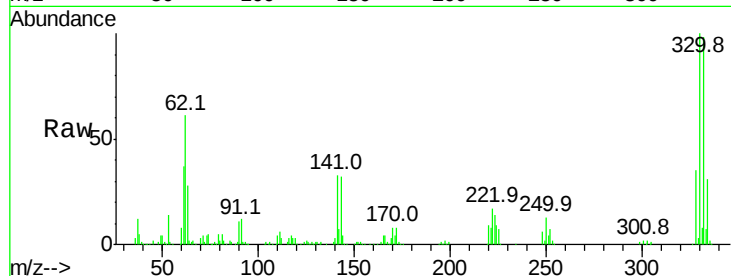




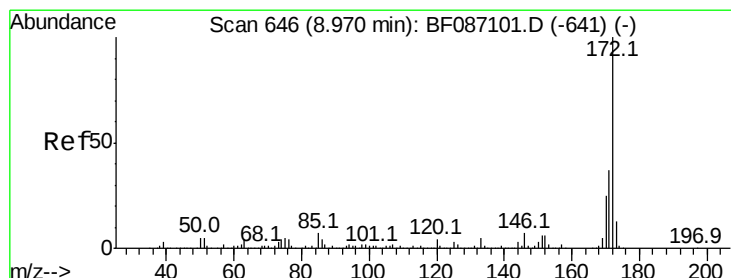
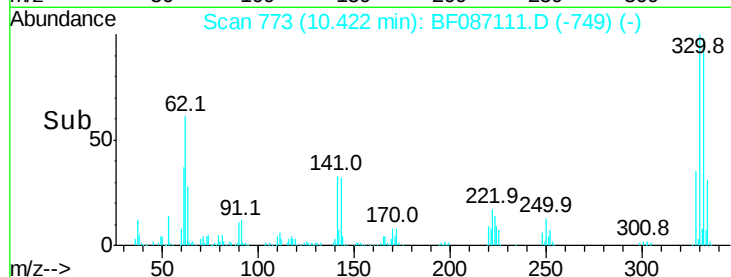
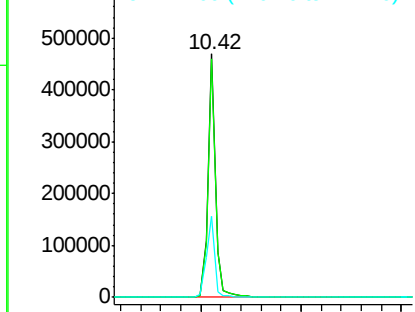
#41
 2,4,6-Tribromophenol
 Concen: 154.46 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087111.D
 Acq: 17 May 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616RE

Tot Ion:330 Resp: 489510
 Ion Ratio Lower Upper
 330 100
 332 97.8 79.0 118.4
 141 36.9 31.2 46.8

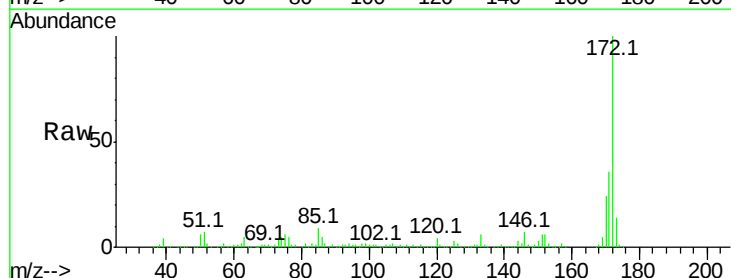


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

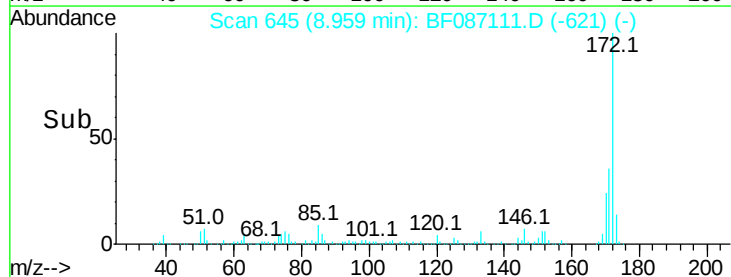
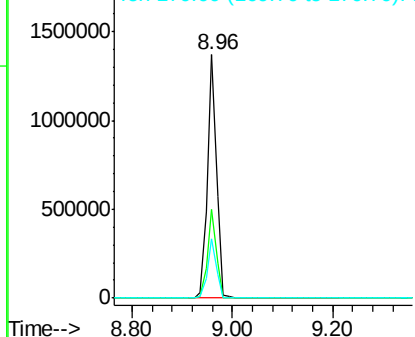


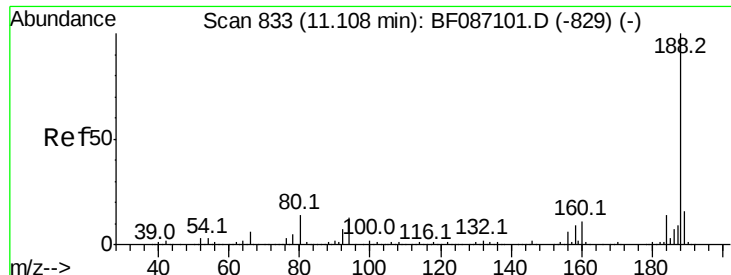
#44
 2-Fluorobiphenyl
 Concen: 99.64 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087111.D
 Acq: 17 May 2016 19:32

Tgt Ion:172 Resp: 1725487
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.4 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

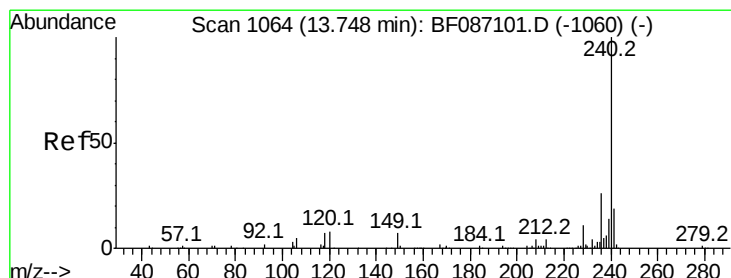
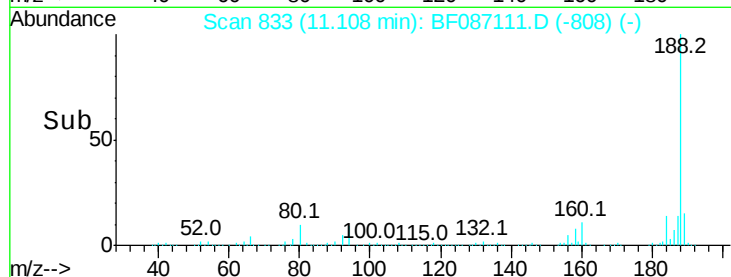
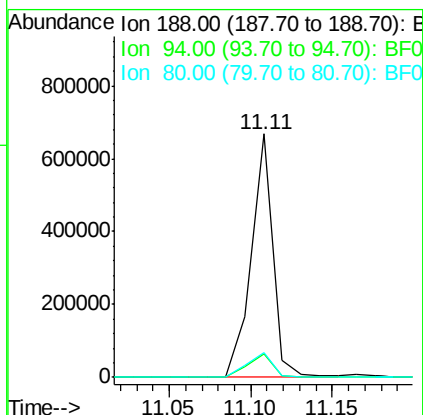
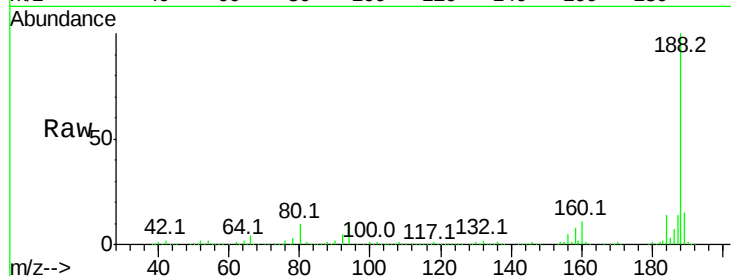




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF087111.D
 Acq: 17 May 2016 19:32

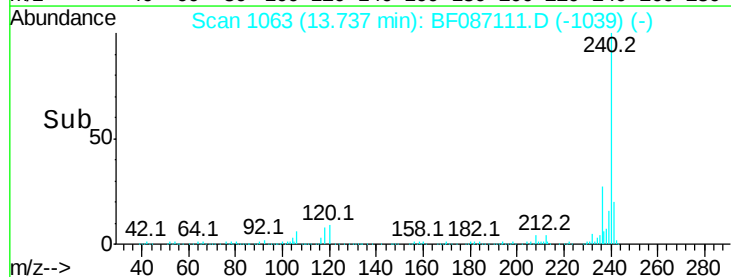
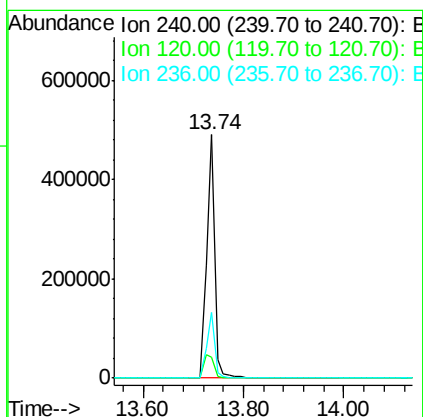
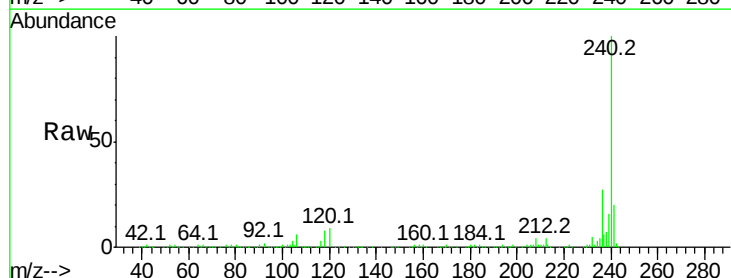
Instrument :
 BNA_F
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 HSR-WC-43-050616RE

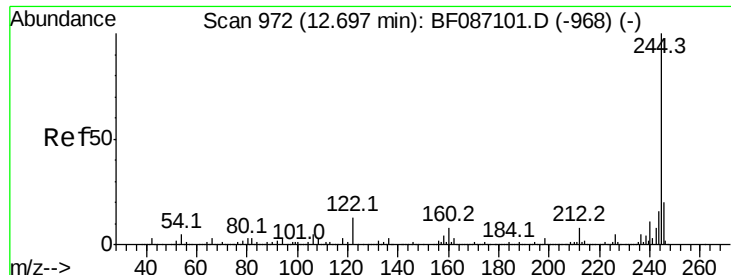
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.8	10.2
80	10.1	7.1	10.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF087111.D
 Acq: 17 May 2016 19:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	11.2	16.8#
236	26.9	21.2	31.8





#78

Terphenyl-d14

Concen: 74.37 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616RE

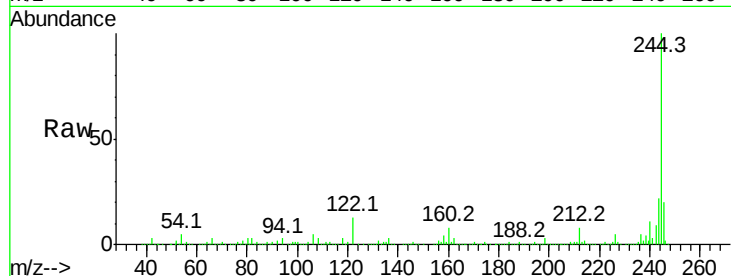
Tot Ion:244 Resp: 1779243

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

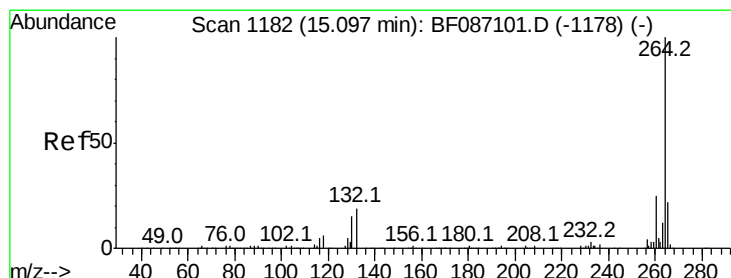
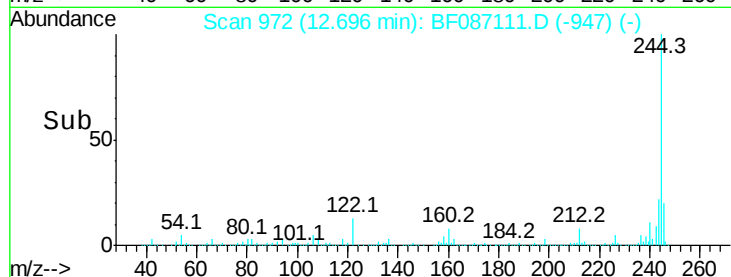
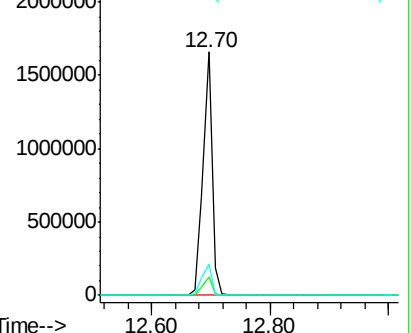
122 12.8 12.0 18.0



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: 15.09 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF087111.D

Acq: 17 May 2016 19:32

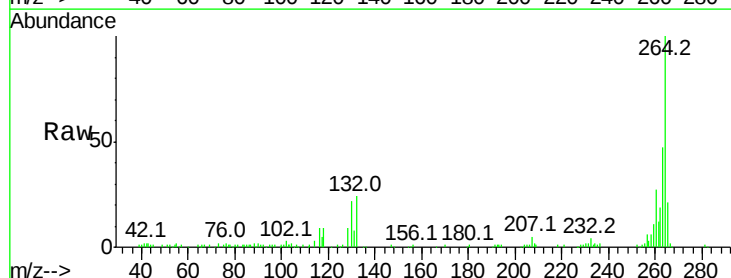
Tgt Ion:264 Resp: 125318

Ion Ratio Lower Upper

264 100

260 27.4 19.5 29.3

265 20.9 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

