

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086854.D
 Acq On : 10 May 2016 11:43
 Operator : UM/SJ
 Sample : H2880-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Quant Time: May 10 13:31:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	152427	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	618254	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	307430	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	600931	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	511787	20.00	ng	-0.01
86) Perylene-d12	15.20	264	419562	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	727165	80.79	ng	0.00
7) Phenol-d6	6.34	99	904224	75.17	ng	-0.02
23) Nitrobenzene-d5	7.25	82	678011	55.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	300307	92.27	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1127493	61.64	ng	-0.01
78) Terphenyl-d14	12.79	244	1329200	55.10	ng	-0.01

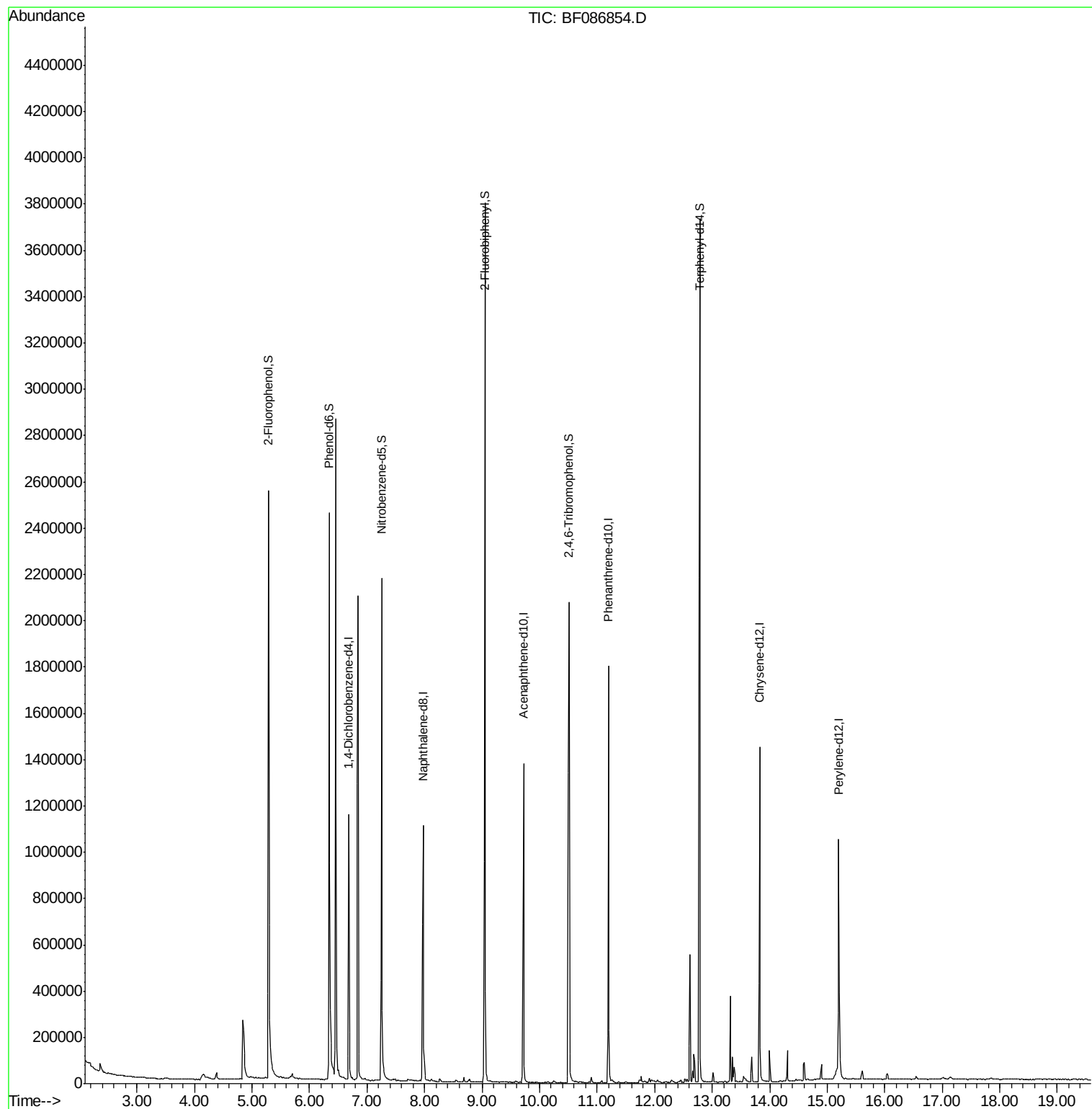
Target Compounds Qvalue

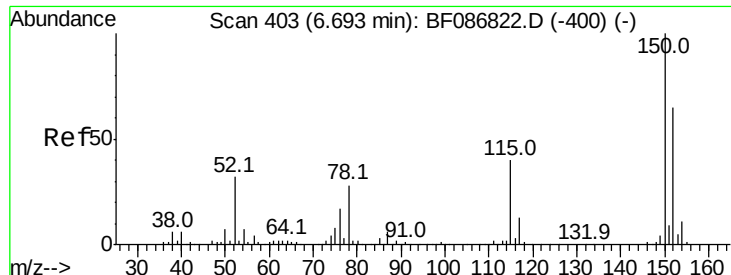
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086854.D

Acq: 10 May 2016 11:43

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

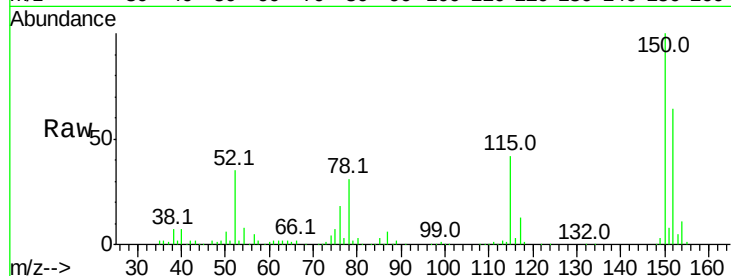
Tot Ion:152 Resp: 152427

Ion Ratio Lower Upper

152 100

150 156.4 125.8 188.6

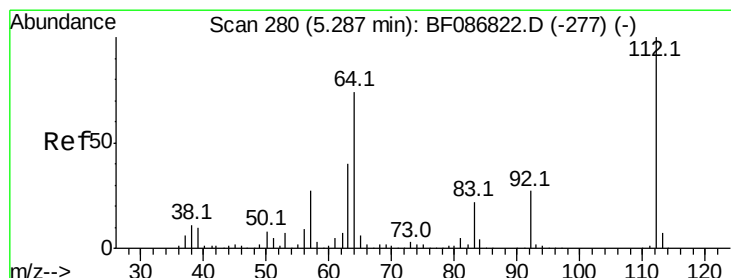
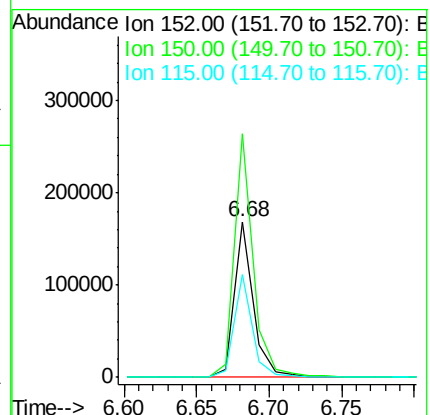
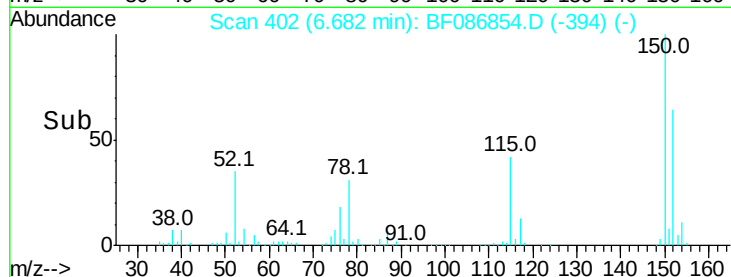
115 66.3 51.5 77.3



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: 80.79 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086854.D

Acq: 10 May 2016 11:43

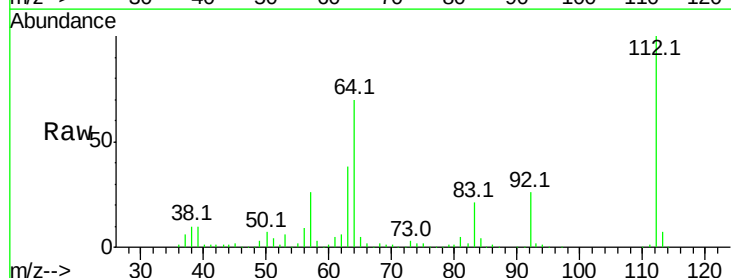
Tgt Ion:112 Resp: 727165

Ion Ratio Lower Upper

112 100

64 70.0 52.1 78.1

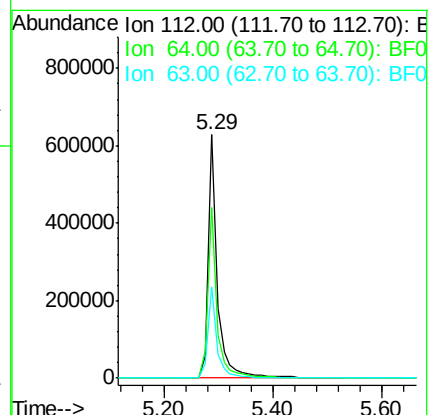
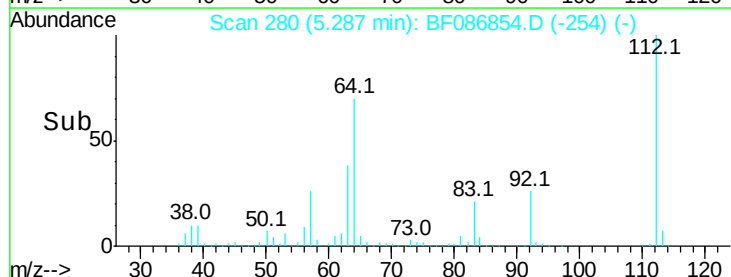
63 37.7 25.7 38.5

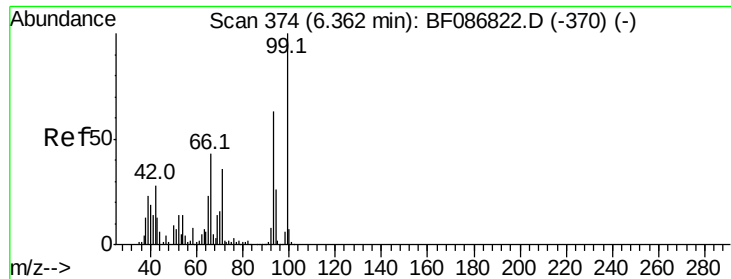


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.17 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086854.D

Acq: 10 May 2016 11:43

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

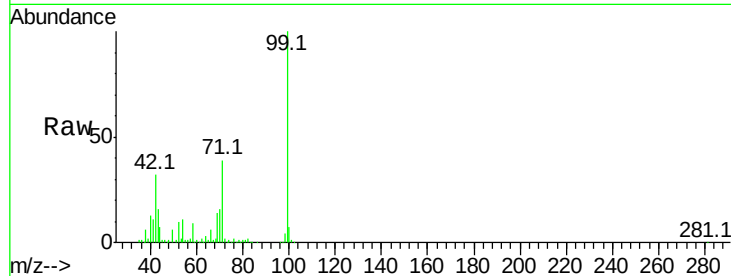
Tot Ion: 99 Resp: 904224

Ion Ratio Lower Upper

99 100

42 31.8 13.6 20.4#

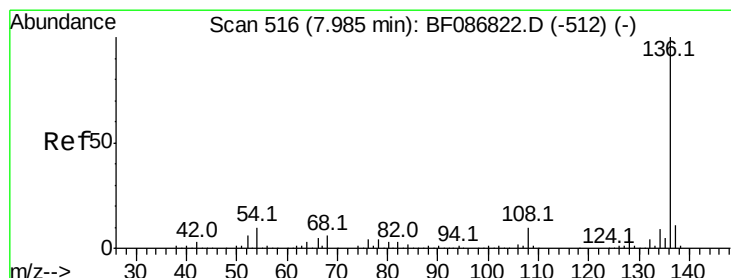
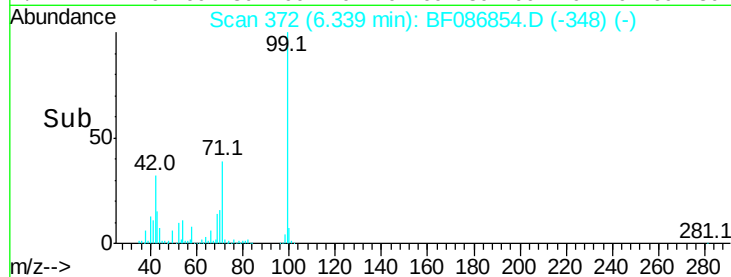
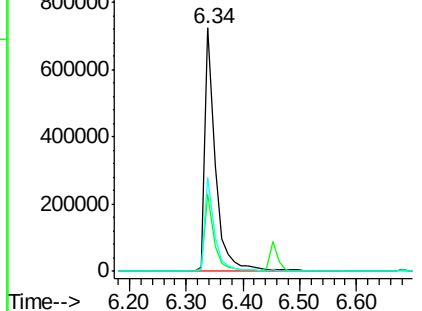
71 38.6 24.6 36.8#



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: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086854.D

Acq: 10 May 2016 11:43

Tgt Ion: 136 Resp: 618254

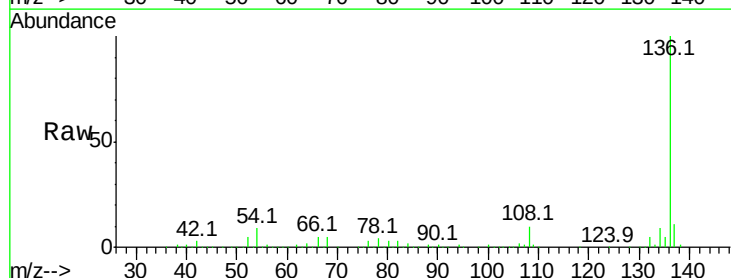
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.4 5.0 7.4#

68 5.4 4.4 6.6

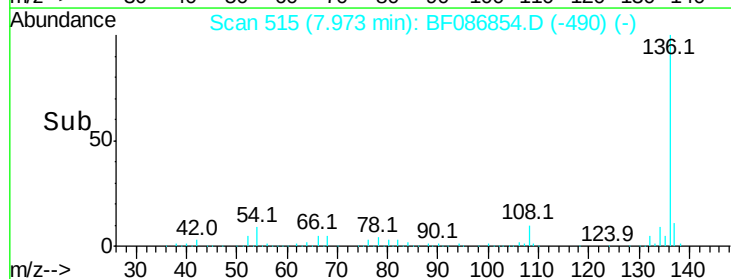
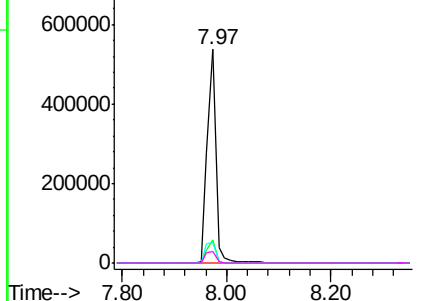


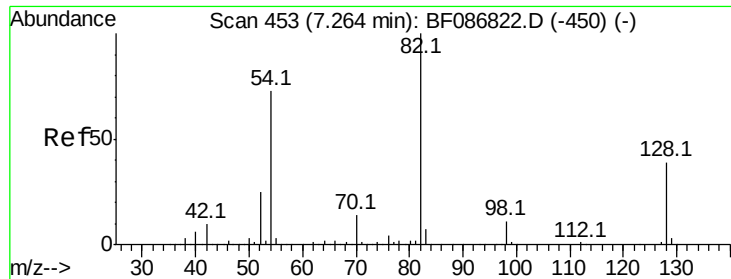
Abundance Ion 136.00 (135.70 to 136.70): E

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

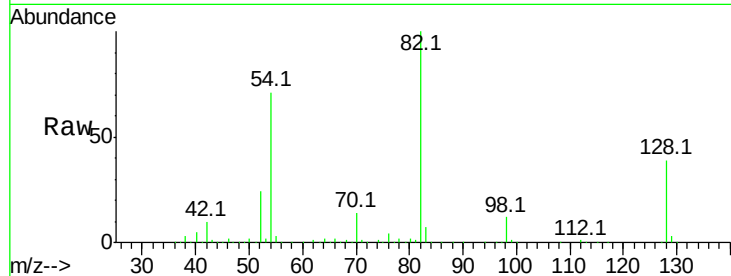




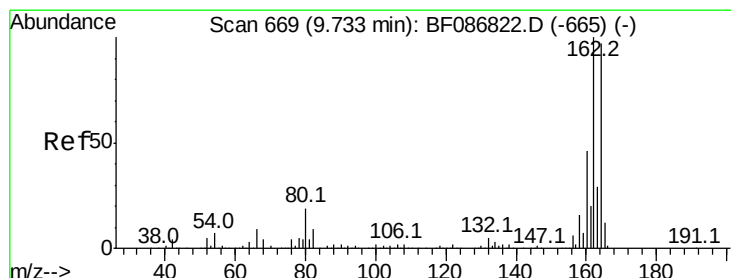
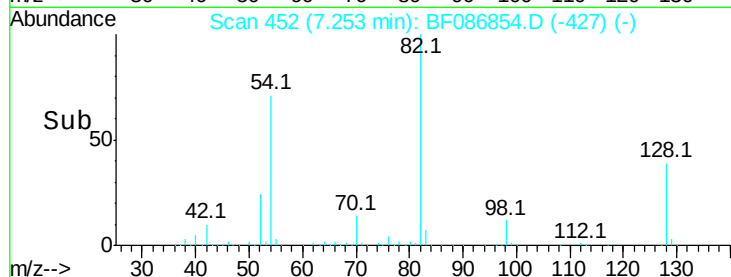
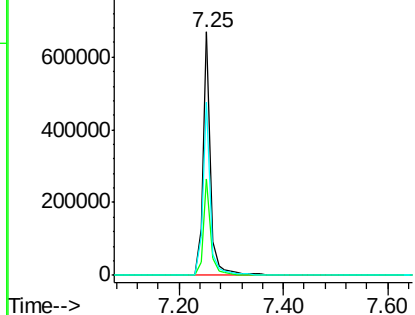
#23
Nitrobenzene-d5
Concen: 55.07 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086854.D
Acq: 10 May 2016 11:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

Tot Ion: 82 Resp: 678011
Ion Ratio Lower Upper
82 100
128 39.4 40.6 61.0#
54 71.3 38.1 57.1#

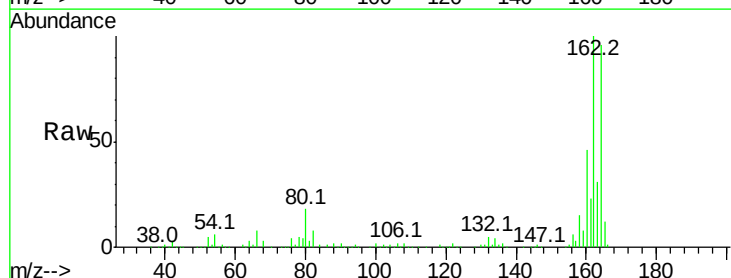


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

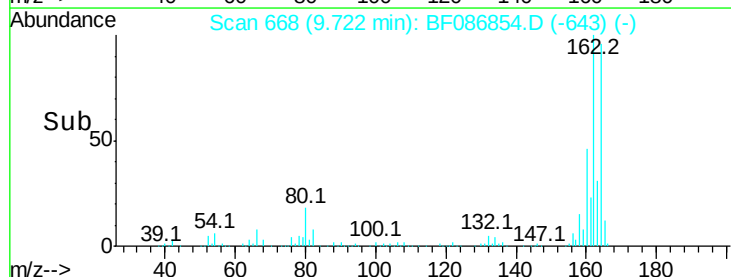
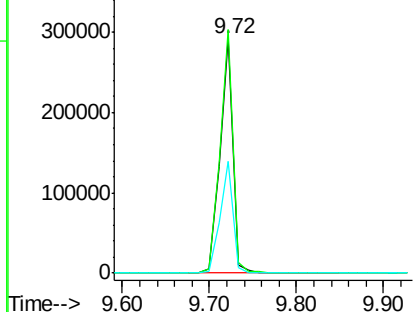


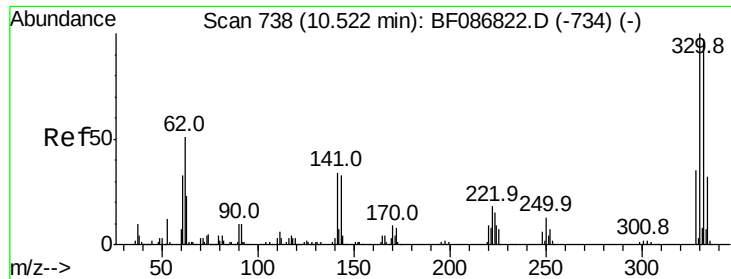
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086854.D
Acq: 10 May 2016 11:43

Tgt Ion: 164 Resp: 307430
Ion Ratio Lower Upper
164 100
162 103.8 82.8 124.2
160 47.8 36.9 55.3



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

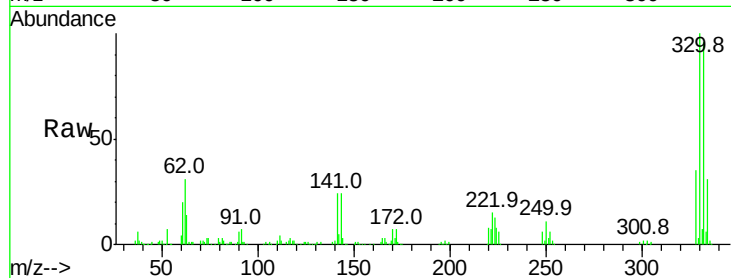




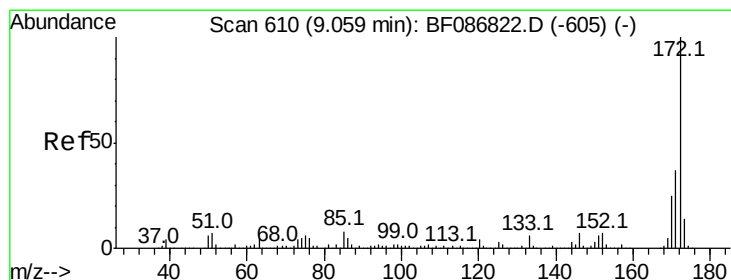
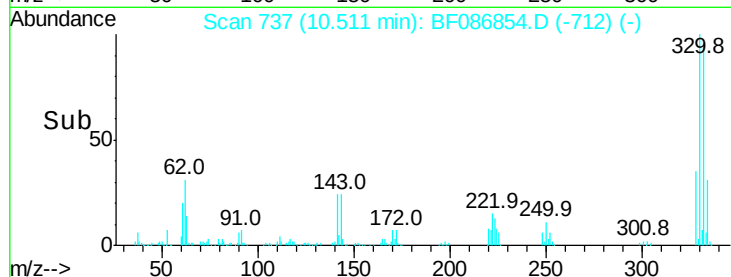
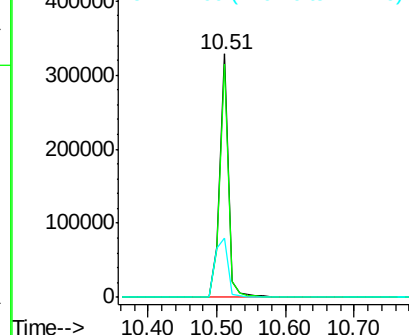
#41
 2,4,6-Tribromophenol
 Concen: 92.27 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086854.D
 Acq: 10 May 2016 11:43

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	35.6	31.2	46.8

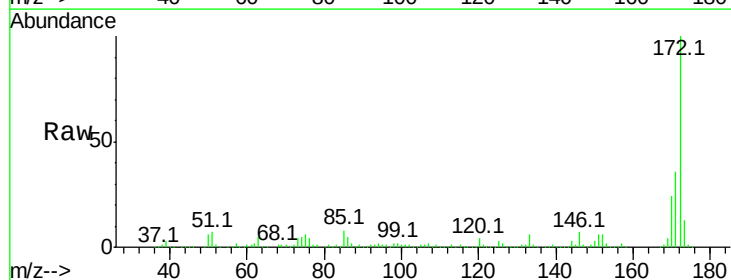


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

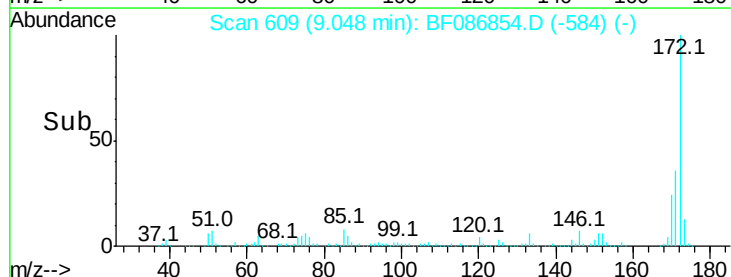
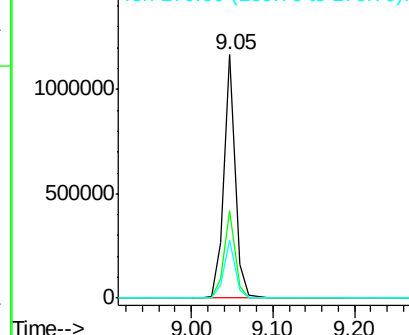


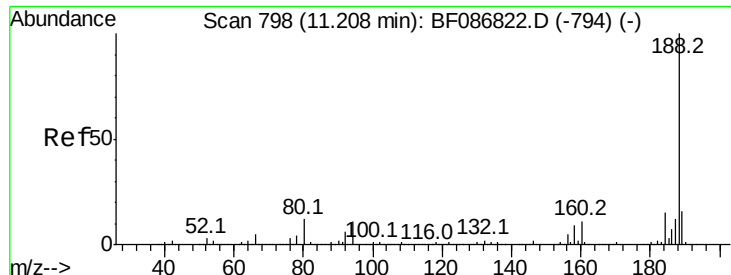
#44
 2-Fluorobiphenyl
 Concen: 61.64 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086854.D
 Acq: 10 May 2016 11:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.1	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

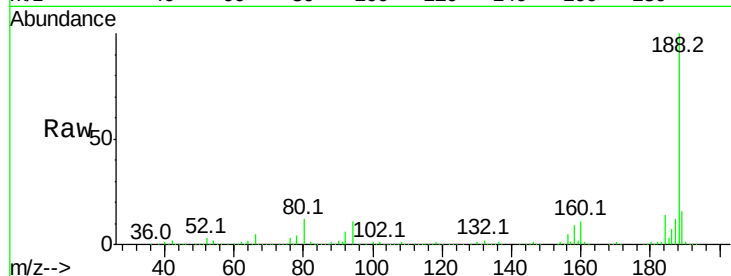




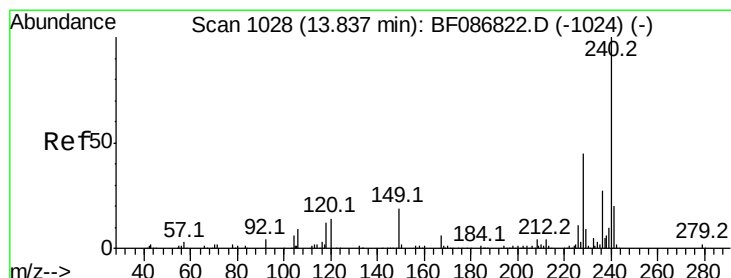
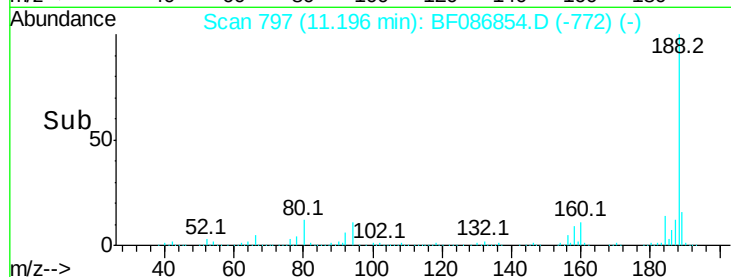
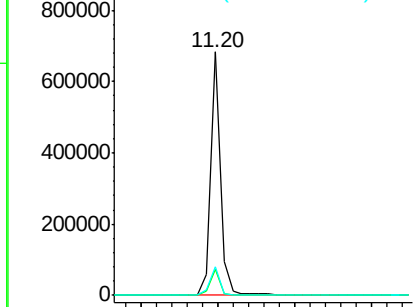
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF086854.D
 Acq: 10 May 2016 11:43

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tot Ion:188 Resp: 600931
 Ion Ratio Lower Upper
 188 100
 94 10.9 6.8 10.2#
 80 11.9 7.1 10.7#

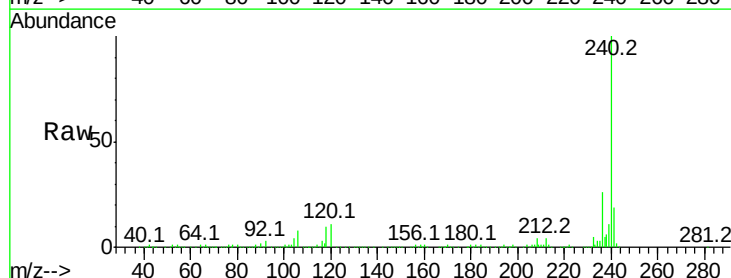


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

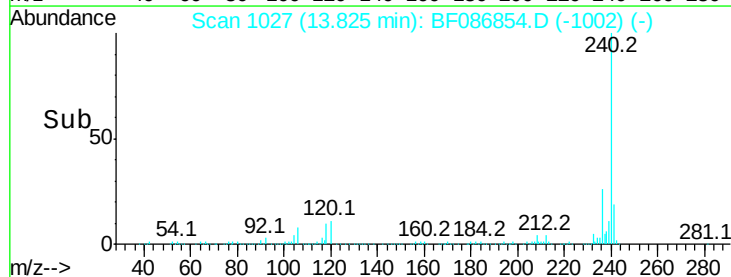
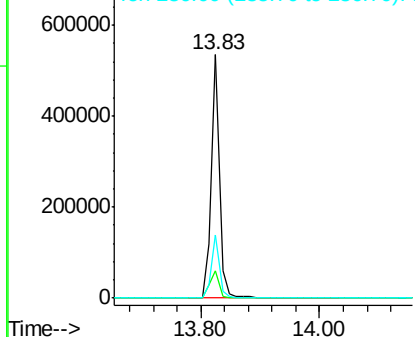


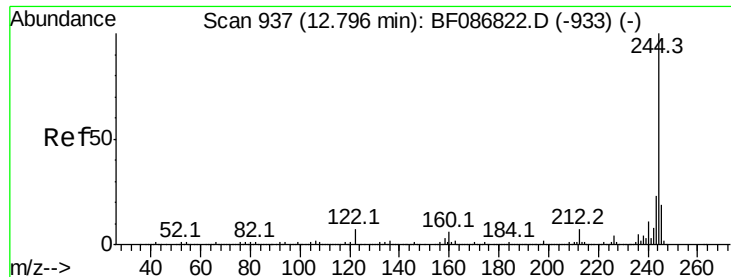
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF086854.D
 Acq: 10 May 2016 11:43

Tgt Ion:240 Resp: 511787
 Ion Ratio Lower Upper
 240 100
 120 11.0 11.2 16.8#
 236 26.2 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

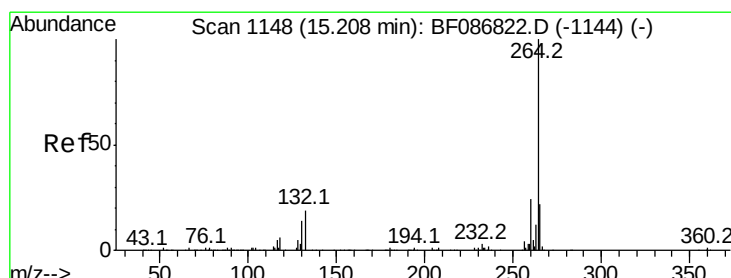
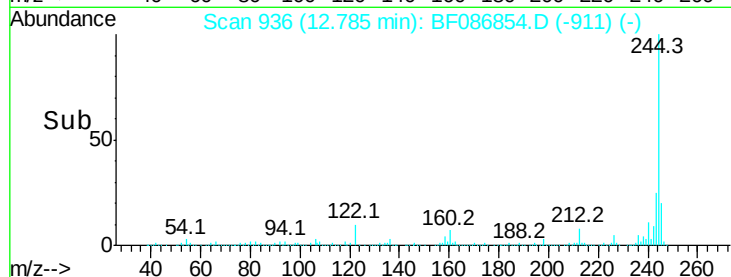
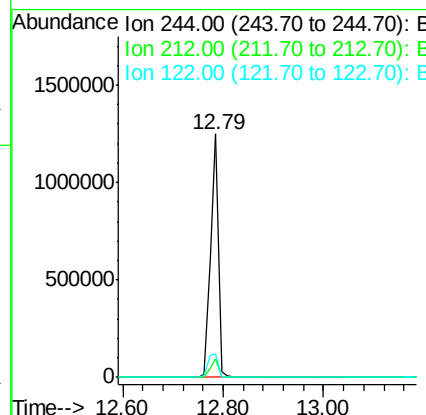
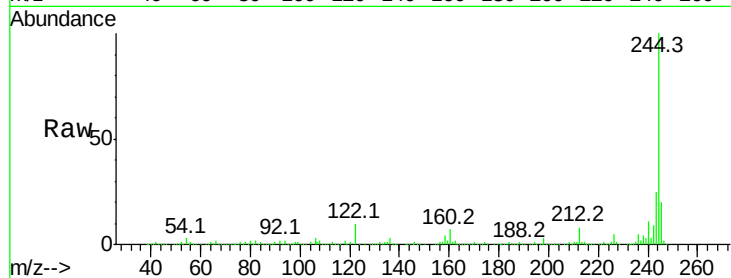




#78
 Terphenyl-d14
 Concen: 55.10 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086854.D
 Acq: 10 May 2016 11:43

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tot Ion:244 Resp: 1329200
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.5 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086854.D
 Acq: 10 May 2016 11:43

Tgt Ion:264 Resp: 419562
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.4 17.3 25.9

