

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
 Data File : BG023841.D
 Acq On : 22 Aug 2016 20:00
 Operator : UM/SJ
 Sample : H4500-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616RE

Quant Time: Aug 23 01:10:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	109042	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	456884	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	284463	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	726790	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	851395	20.00	ng	-0.02
86) Perylene-d12	25.22	264	828850	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	655543	101.20	ng	-0.03
7) Phenol-d6	7.25	99	891896	88.40	ng	-0.03
23) Nitrobenzene-d5	9.27	82	691316	75.22	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	438950	105.50	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1310757	77.72	ng	-0.02
78) Terphenyl-d14	20.14	244	2257107	82.37	ng	-0.01

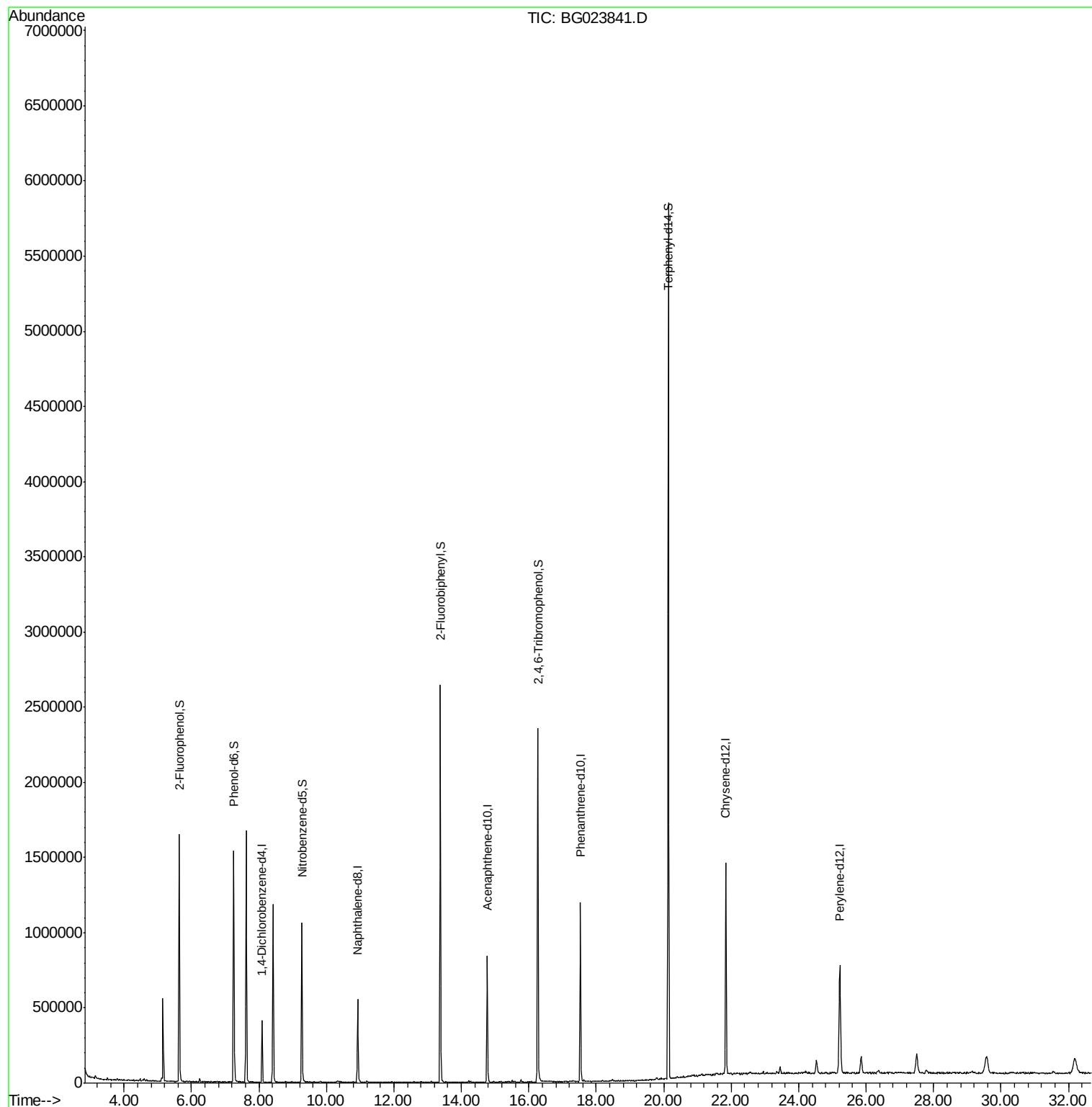
Target Compounds Qvalue

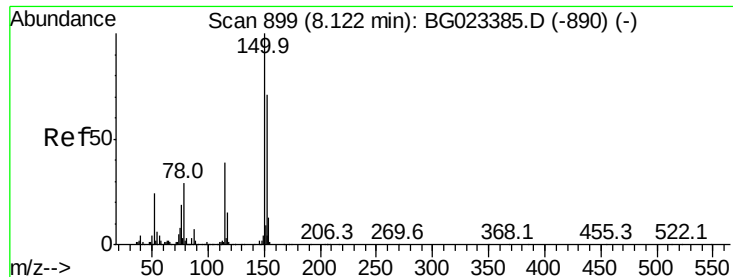
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023841.D

Acq: 22 Aug 2016 20:00

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616RE

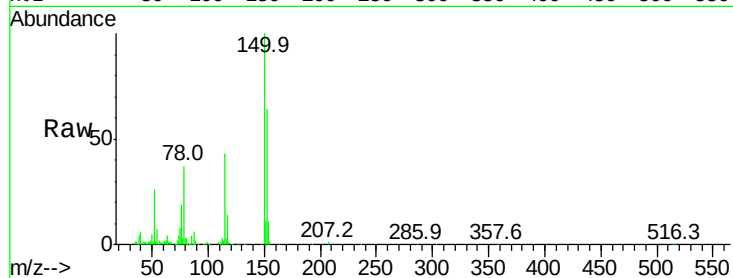
Tot Ion:152 Resp: 109042

Ion Ratio Lower Upper

152 100

150 157.1 144.7 217.1

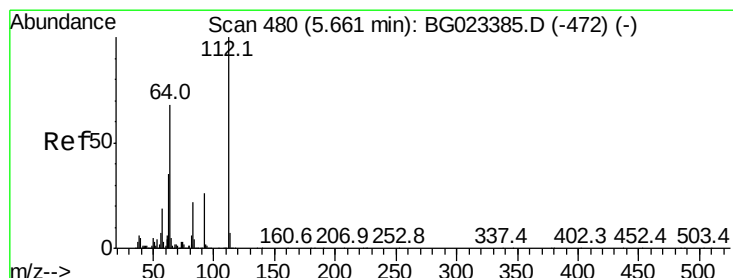
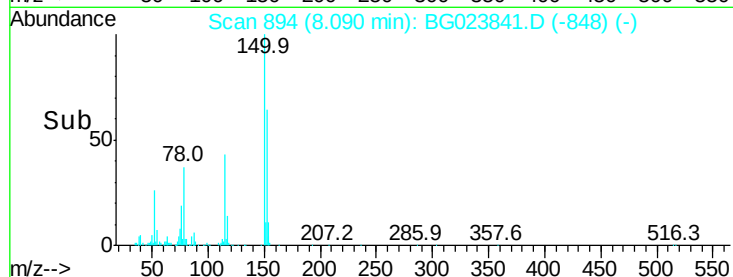
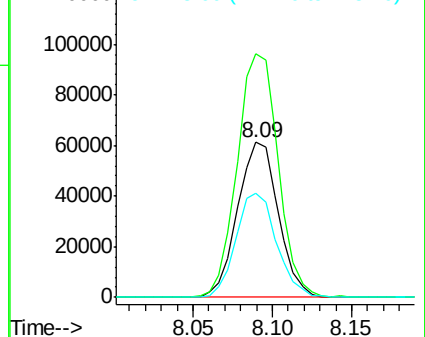
115 67.1 64.0 96.0



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: 101.20 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023841.D

Acq: 22 Aug 2016 20:00

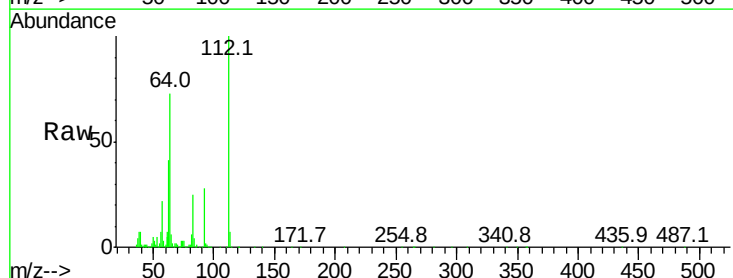
Tgt Ion:112 Resp: 655543

Ion Ratio Lower Upper

112 100

64 72.9 59.0 88.4

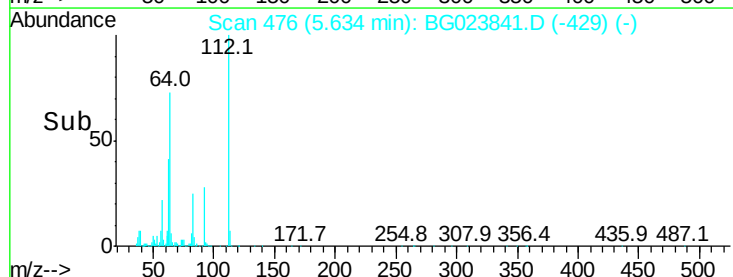
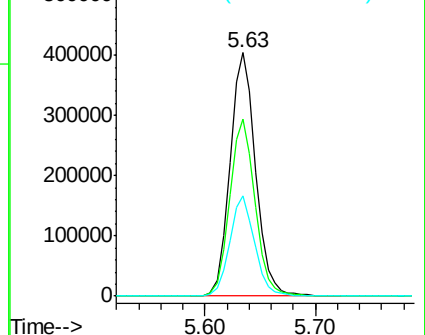
63 41.1 37.8 56.8

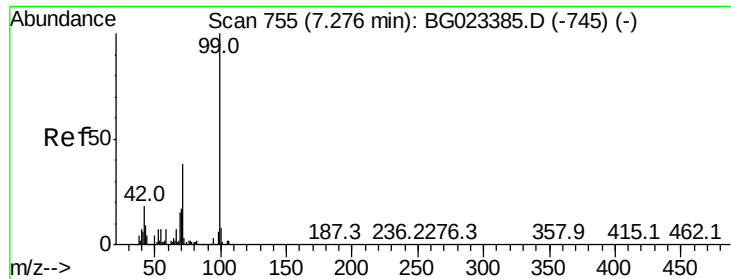


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 88.40 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023841.D

Acq: 22 Aug 2016 20:00

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616RE

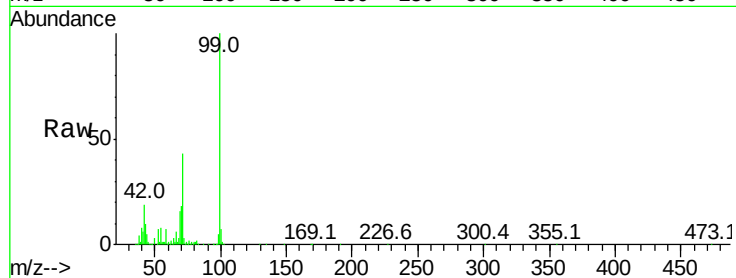
Tot Ion: 99 Resp: 891896

Ion Ratio Lower Upper

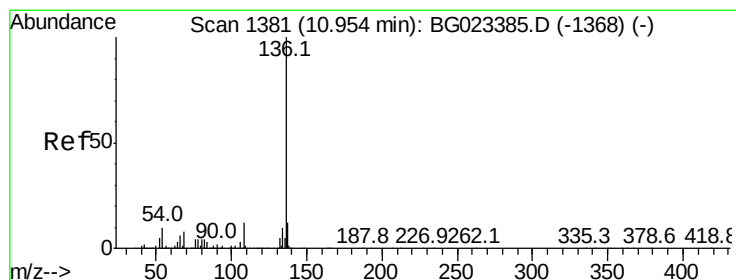
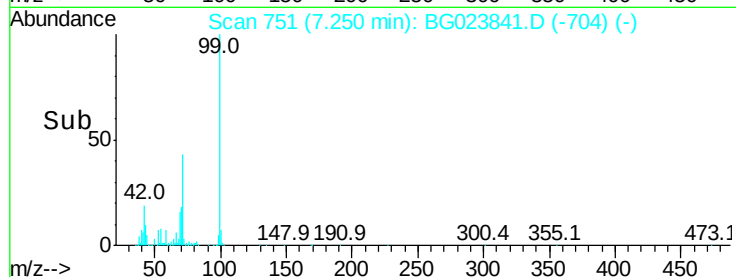
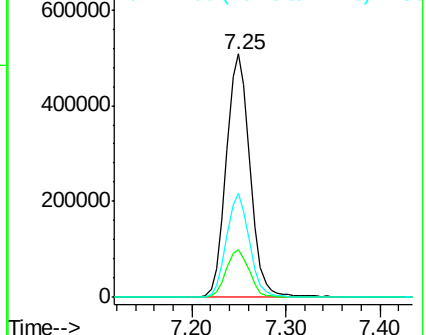
99 100

42 19.4 17.8 26.6

71 42.8 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG023841.D

Acq: 22 Aug 2016 20:00

Tgt Ion: 136 Resp: 456884

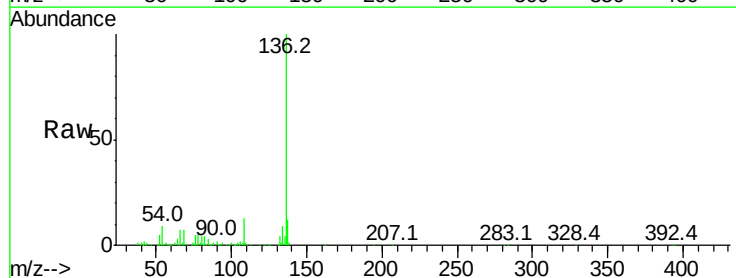
Ion Ratio Lower Upper

136 100

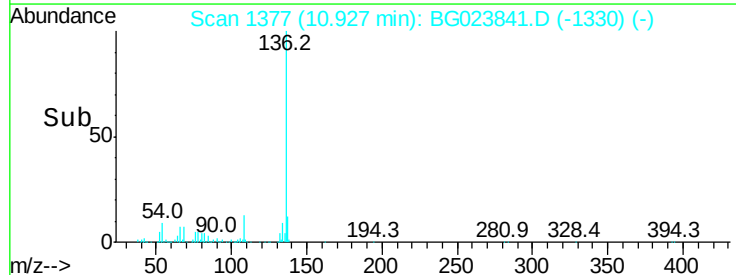
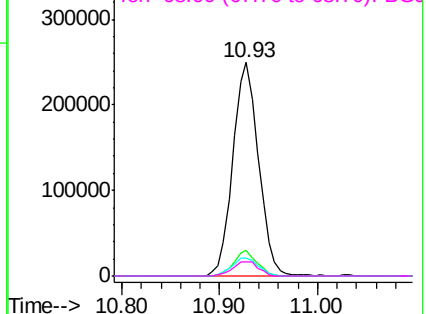
137 11.7 9.6 14.4

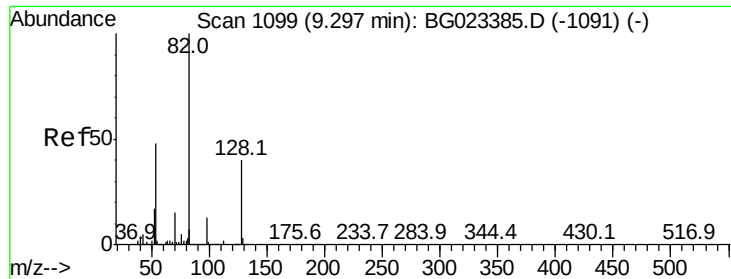
54 8.7 7.3 10.9

68 6.7 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

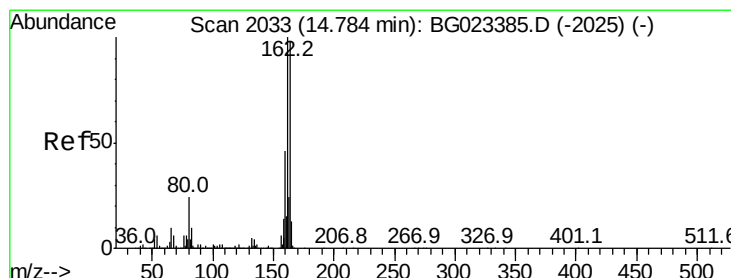
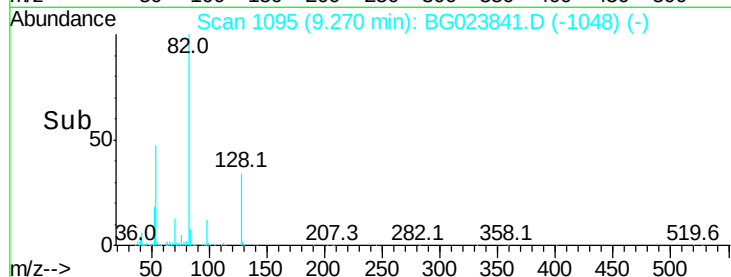
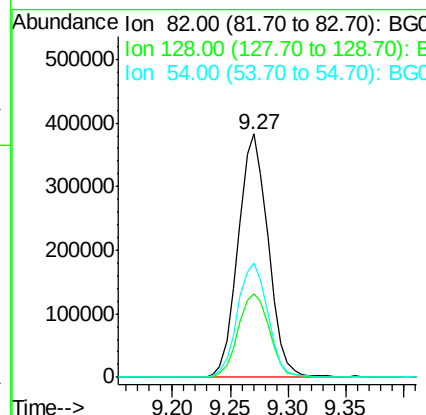
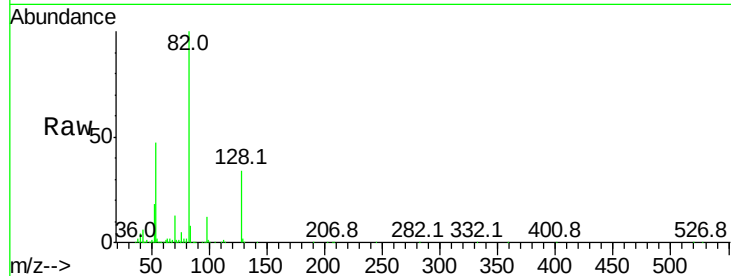




#23
 Nitrobenzene-d5
 Concen: 75.22 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023841.D
 Acq: 22 Aug 2016 20:00

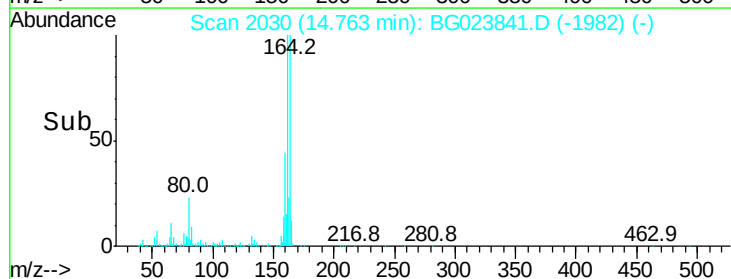
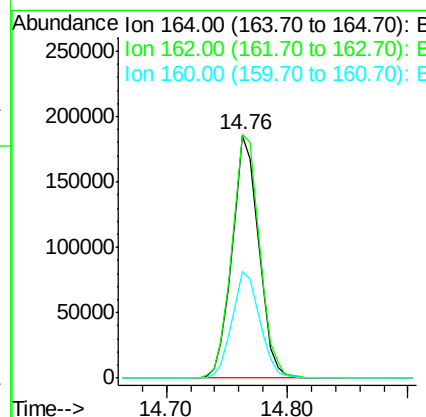
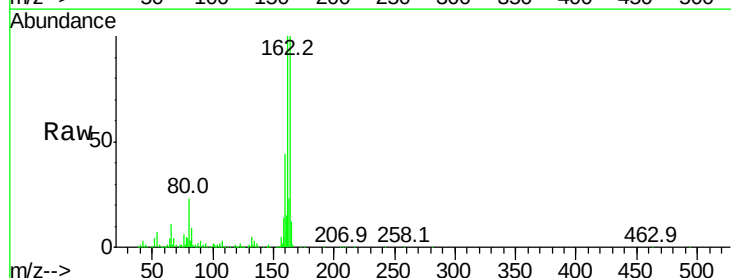
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616RE

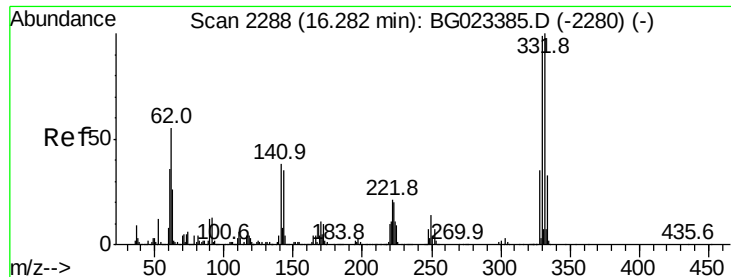
Tot Ion	82	Resp	691316
Ion Ratio	100	Lower	Upper
128	34.3	24.4	36.6
54	47.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023841.D
 Acq: 22 Aug 2016 20:00

Tgt Ion	164	Resp	284463
Ion Ratio	100	Lower	Upper
162	100.4	87.7	131.5
160	44.0	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 105.50 ng

RT: 16.27 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG023841.D

Acq: 22 Aug 2016 20:00

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616RE

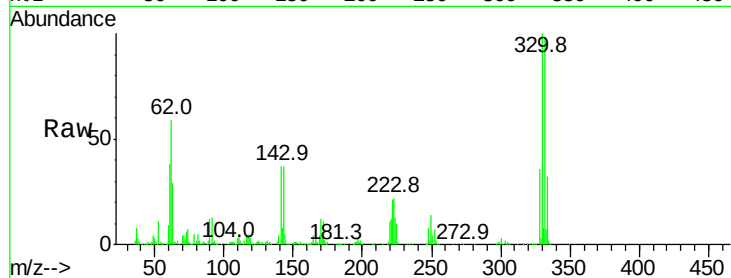
Tot Ion:330 Resp: 438950

Ion Ratio Lower Upper

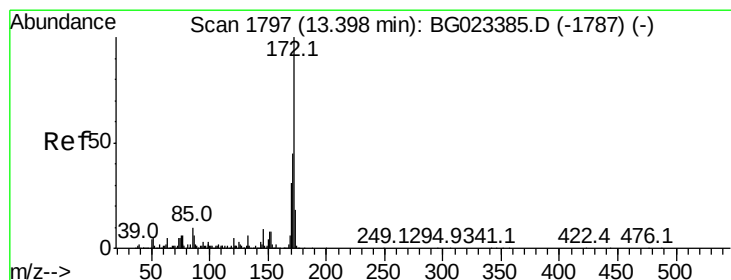
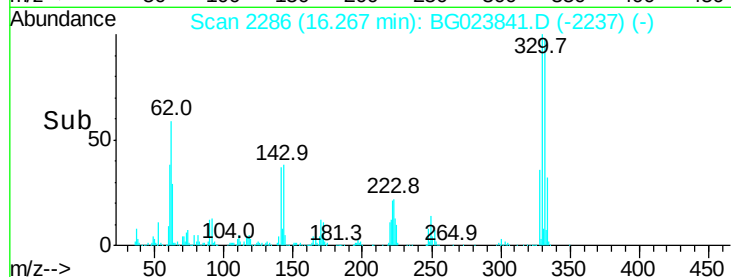
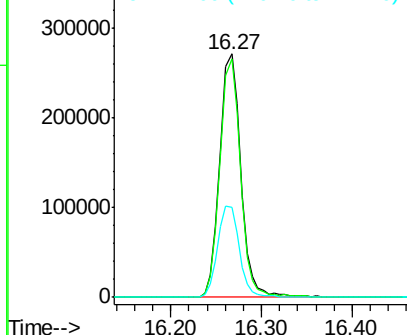
330 100

332 95.6 77.4 116.2

141 38.2 31.7 47.5



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: 77.72 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG023841.D

Acq: 22 Aug 2016 20:00

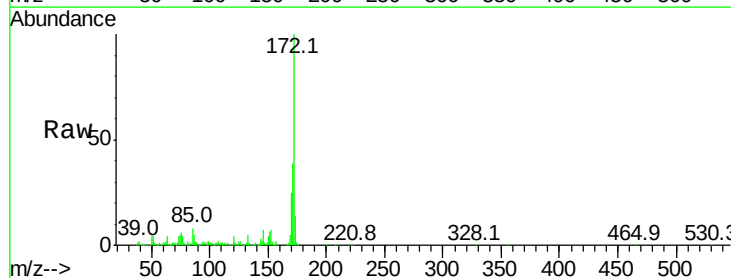
Tgt Ion:172 Resp: 1310757

Ion Ratio Lower Upper

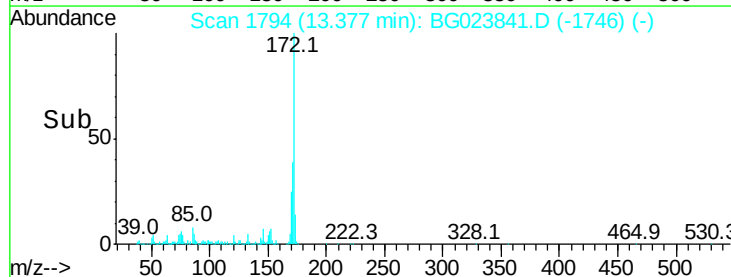
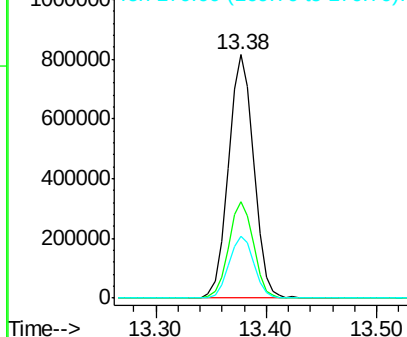
172 100

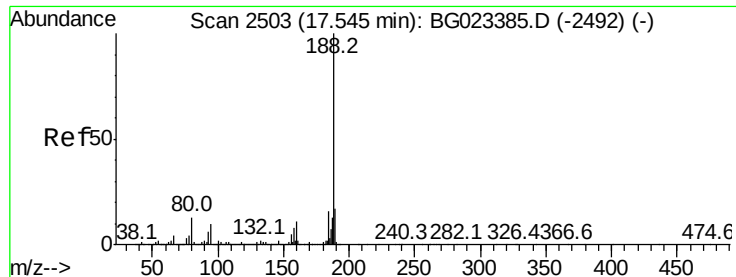
171 39.5 31.6 47.4

170 25.2 21.3 31.9



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

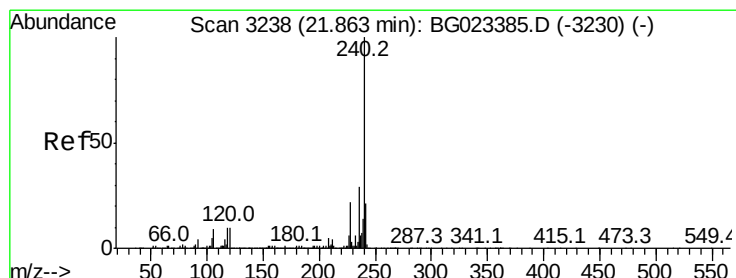
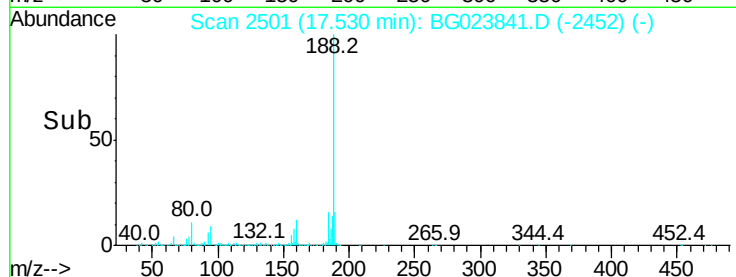
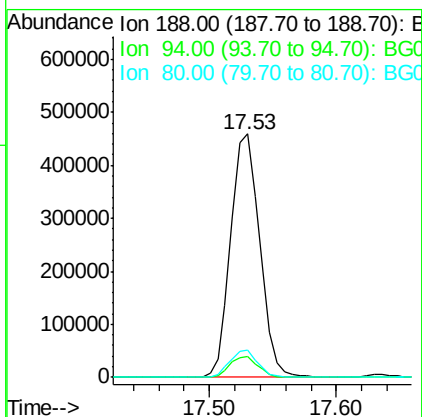
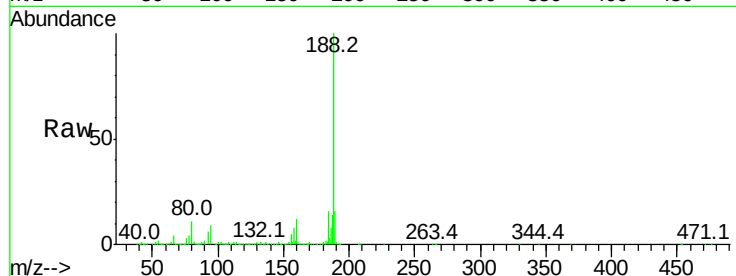




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.02 min
Lab File: BG023841.D
Acq: 22 Aug 2016 20:00

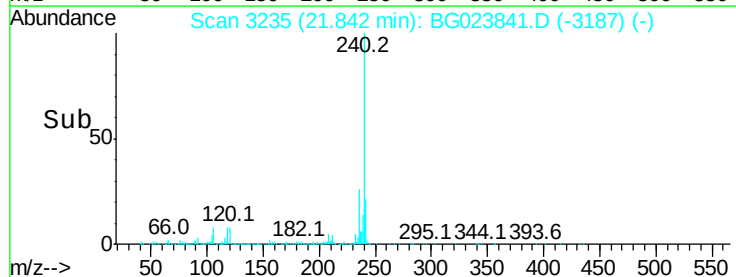
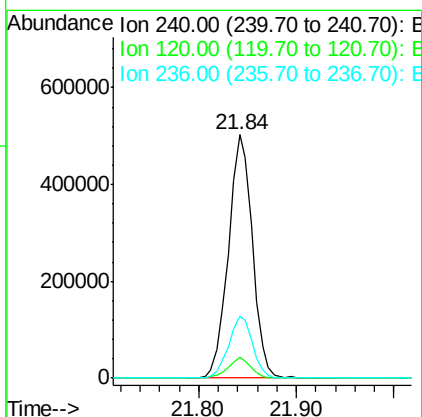
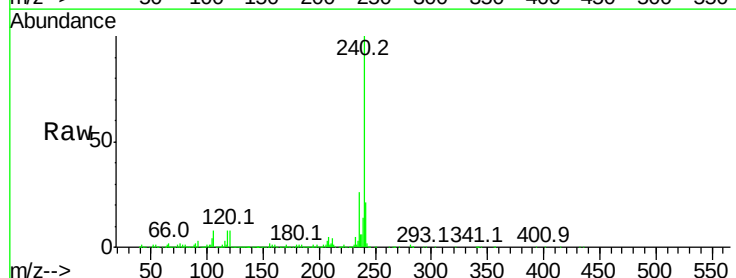
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616RE

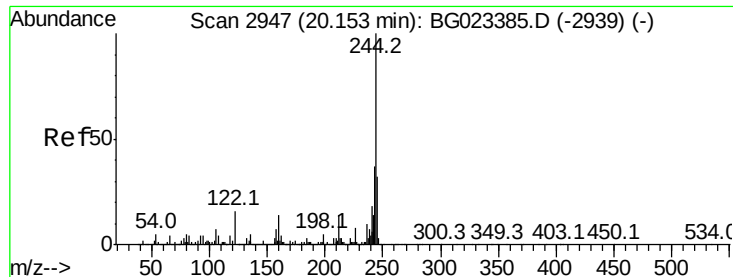
Tot Ion:188 Resp: 726790
Ion Ratio Lower Upper
188 100
94 8.7 5.2 7.8#
80 11.4 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG023841.D
Acq: 22 Aug 2016 20:00

Tgt Ion:240 Resp: 851395
Ion Ratio Lower Upper
240 100
120 8.3 4.1 6.1#
236 25.6 21.1 31.7





#78

Terphenyl-d14

Concen: 82.37 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG023841.D

Acq: 22 Aug 2016 20:00

Instrument :

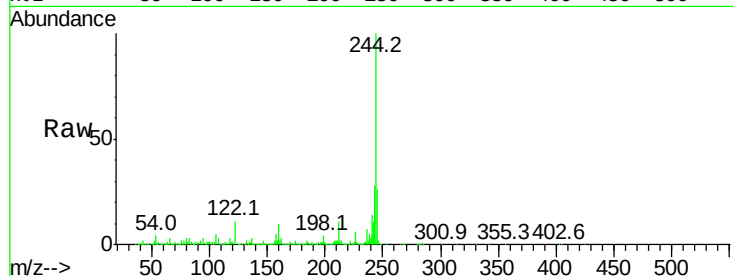
BNA_G

ClientSampleId :

HSR-WC-65-081616RE

Tot Ion:244 Resp: 2257107

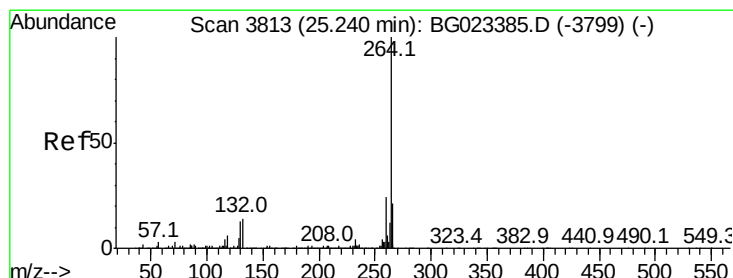
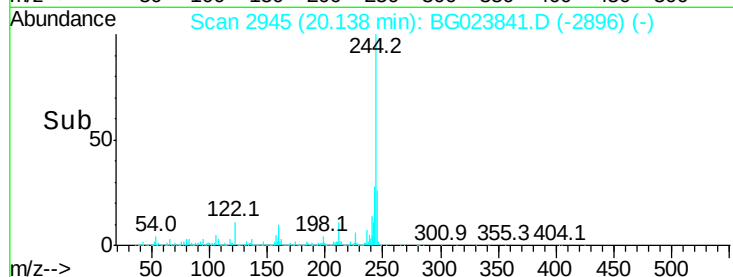
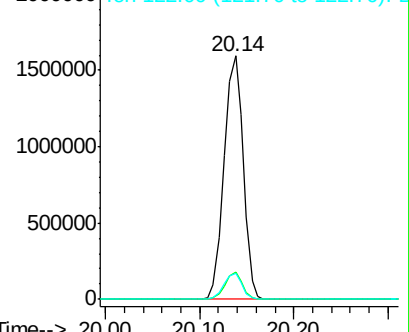
Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.8	16.2
122	10.6	8.0	12.0



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: 25.22 min Scan# 3810

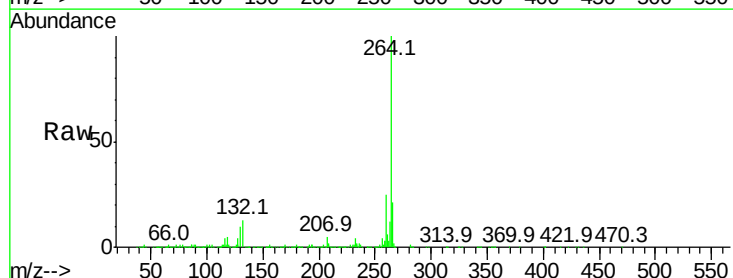
Delta R.T. -0.02 min

Lab File: BG023841.D

Acq: 22 Aug 2016 20:00

Tgt Ion:264 Resp: 828850

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.4	27.6
265	21.4	18.9	28.3



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

