

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081716\
 Data File : BG023749.D
 Acq On : 17 Aug 2016 14:22
 Operator : UM/SJ
 Sample : H4415-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-64-080916

Quant Time: Aug 17 16:24:03 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	8.12	152	139286	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	632317	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	435462	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	968052	20.00	ng	0.00
75) Chrysene-d12	21.88	240	934357	20.00	ng	0.01
86) Perylene-d12	25.29	264	930195	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	962952	116.37	ng	0.00
7) Phenol-d6	7.28	99	1343635	104.25	ng	0.00
23) Nitrobenzene-d5	9.30	82	1055237	82.97	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	688136	108.04	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2071671	80.24	ng	0.00
78) Terphenyl-d14	20.16	244	2683540	91.30	ng	0.00

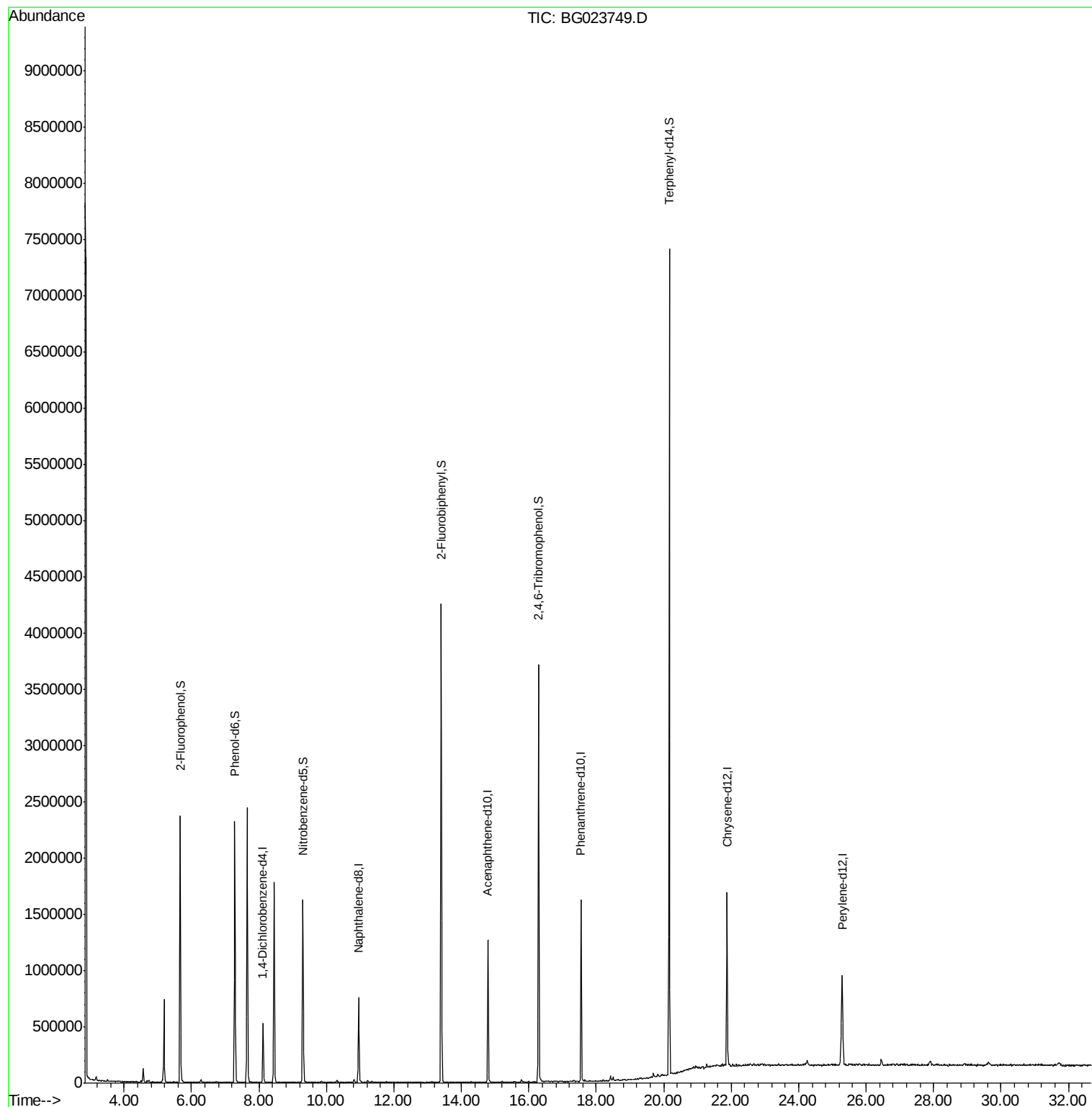
Target Compounds Qvalue

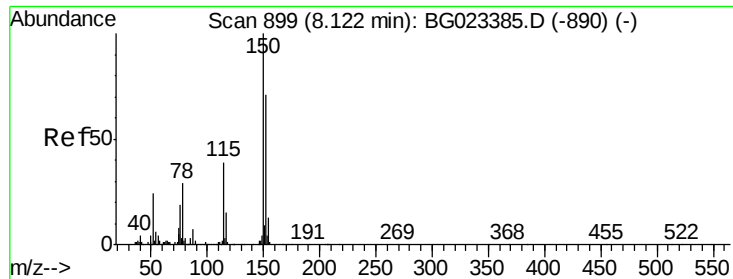
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG023749.D

Acq: 17 Aug 2016 14:22

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

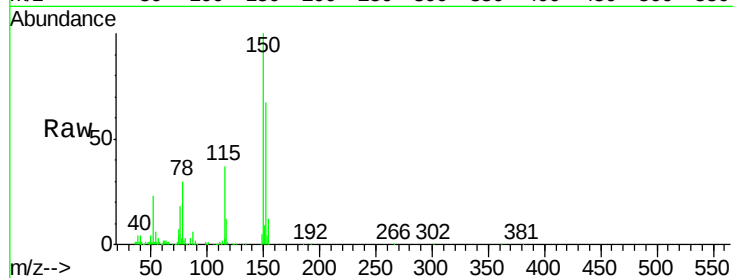
Tot Ion:152 Resp: 139286

Ion Ratio Lower Upper

152 100

150 150.0 144.7 217.1

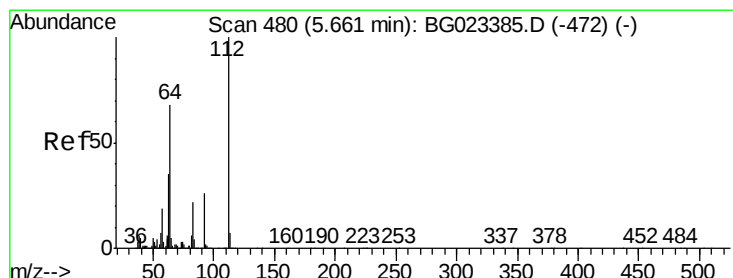
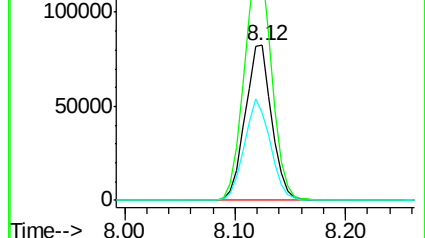
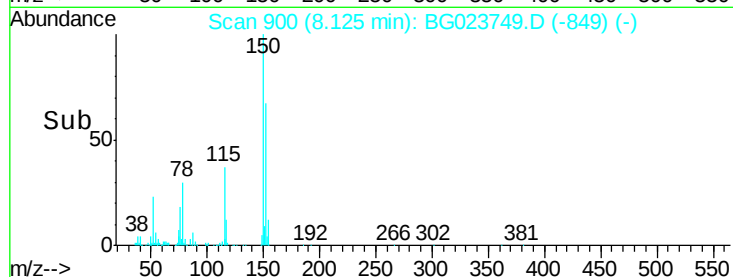
115 56.2 64.0 96.0#



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: 116.37 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023749.D

Acq: 17 Aug 2016 14:22

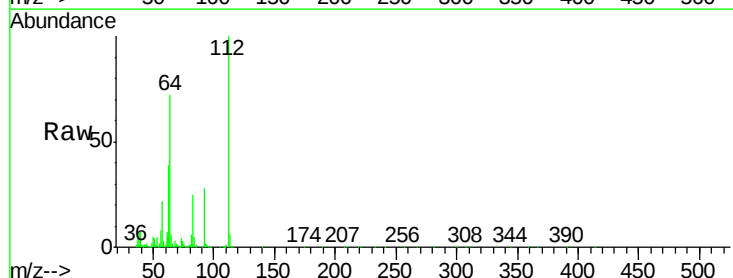
Tgt Ion:112 Resp: 962952

Ion Ratio Lower Upper

112 100

64 71.6 59.0 88.4

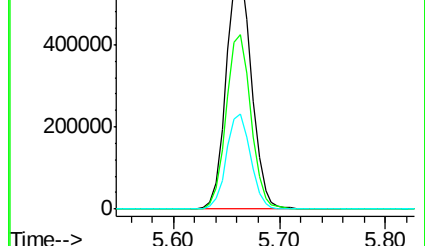
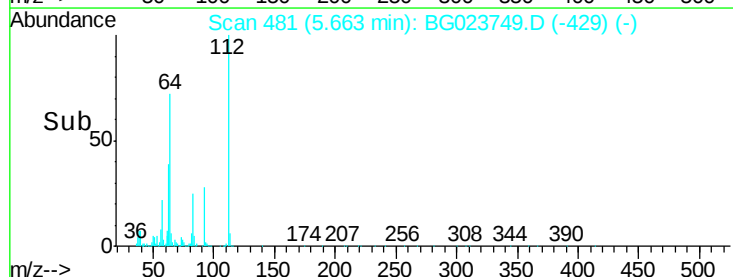
63 39.0 37.8 56.8

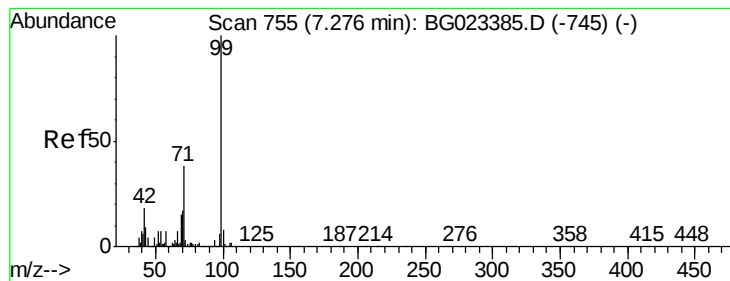


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.25 ng

RT: 7.28 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG023749.D

Acq: 17 Aug 2016 14:22

Instrument :

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HSR-WC-64-080916

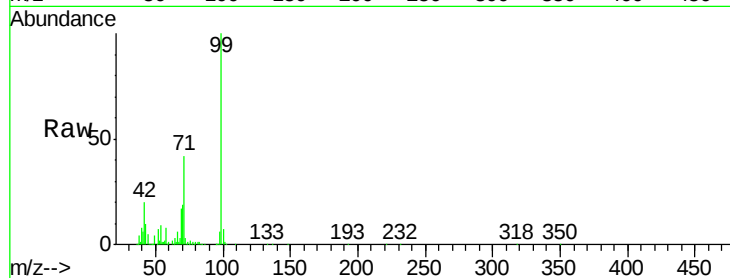
Tot Ion: 99 Resp: 1343635

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.8	26.6
71	42.1	41.5	62.3

99 100

42 20.0 17.8 26.6

71 42.1 41.5 62.3

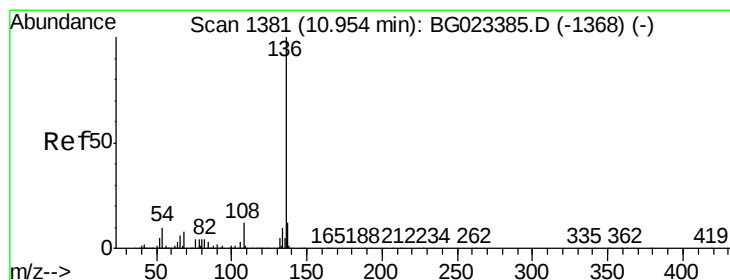
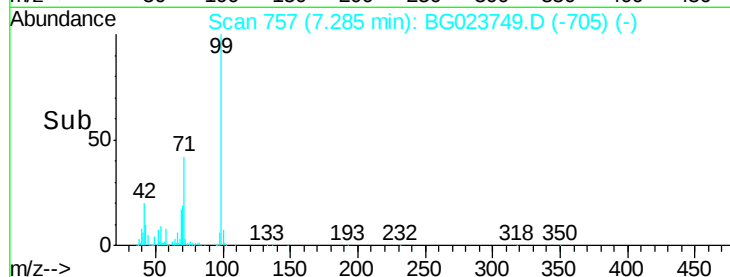
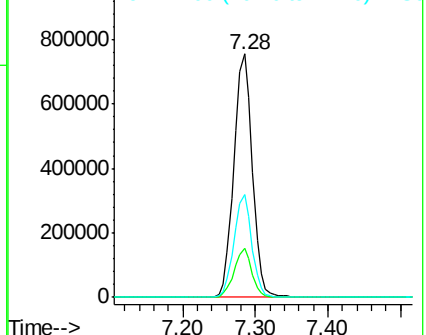


Abundance

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: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG023749.D

Acq: 17 Aug 2016 14:22

Tgt Ion: 136 Resp: 632317

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	10.4	7.3	10.9
68	7.2	5.3	7.9

136 100

137 12.0 9.6 14.4

54 10.4 7.3 10.9

68 7.2 5.3 7.9

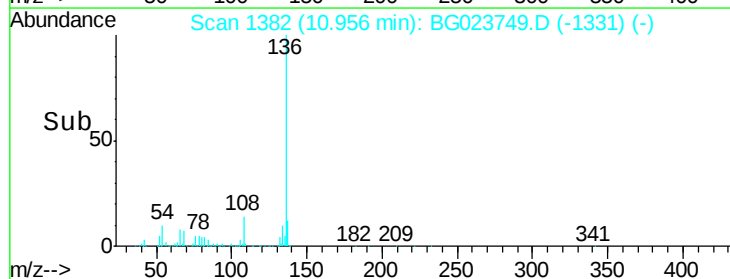
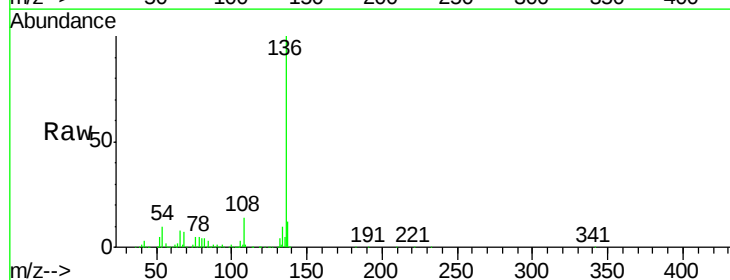
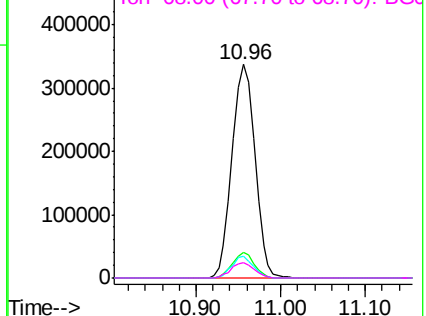
Abundance

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

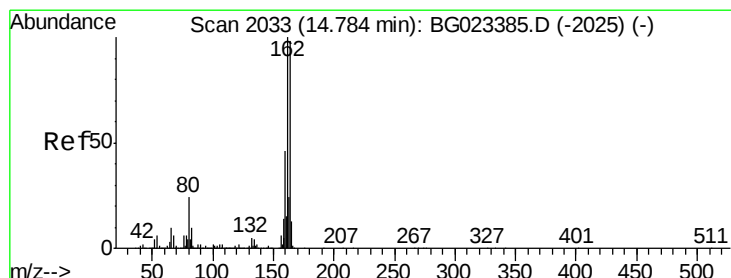
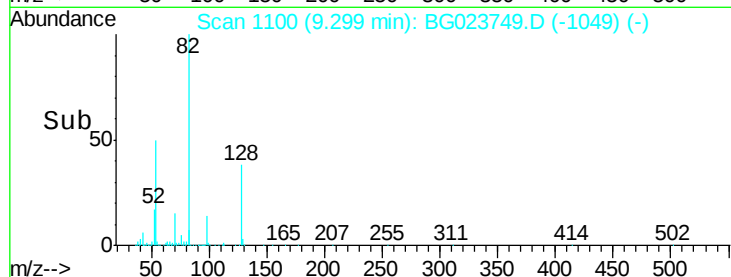
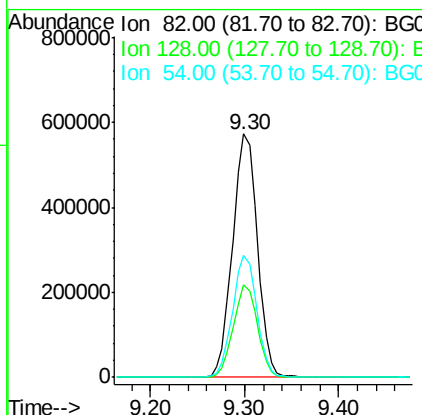
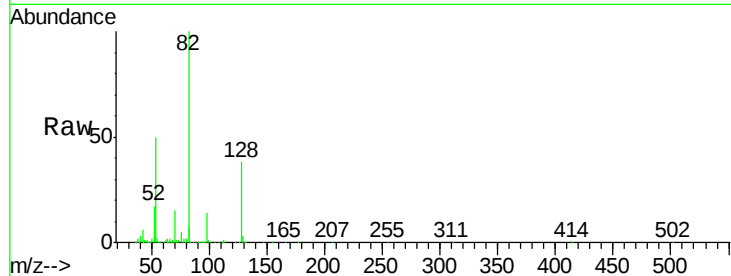




#23
 Nitrobenzene-d5
 Concen: 82.97 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BG023749.D
 Acq: 17 Aug 2016 14:22

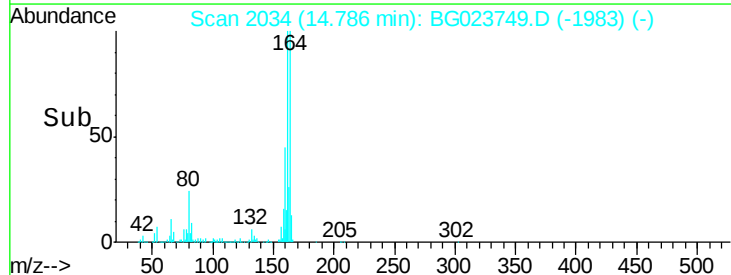
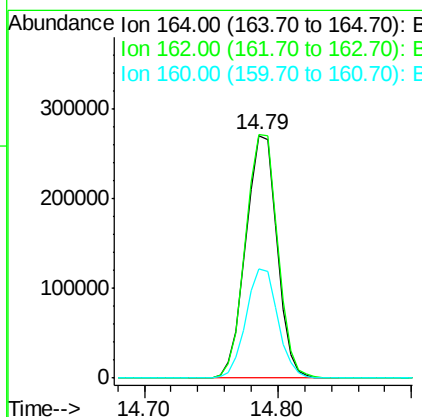
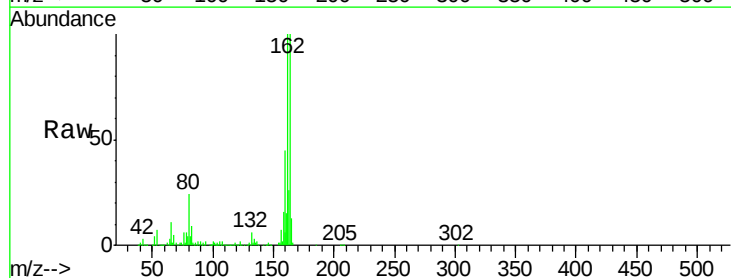
Instrument :
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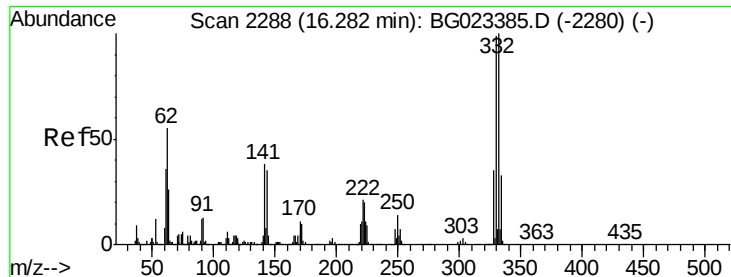
Tot Ion: 82 Resp: 1055237
 Ion Ratio Lower Upper
 82 100
 128 37.9 24.4 36.6#
 54 49.9 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG023749.D
 Acq: 17 Aug 2016 14:22

Tgt Ion:164 Resp: 435462
 Ion Ratio Lower Upper
 164 100
 162 100.4 87.7 131.5
 160 45.2 37.2 55.8

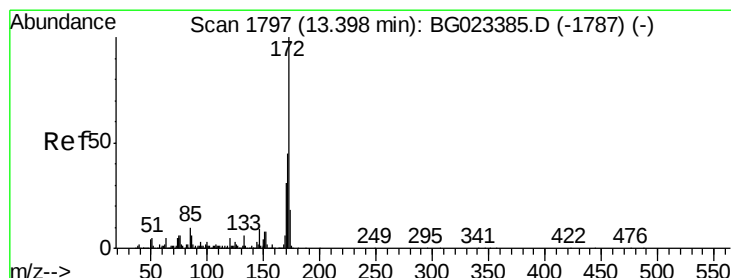
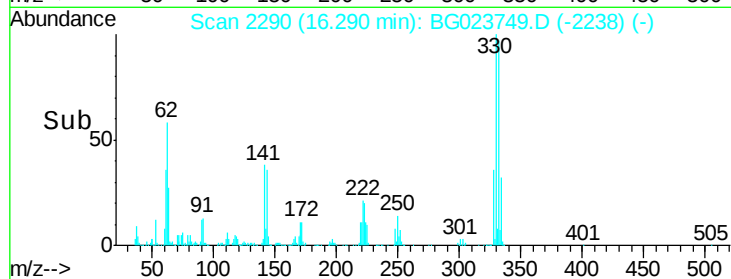
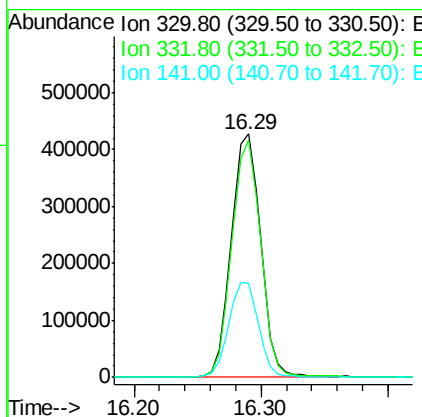
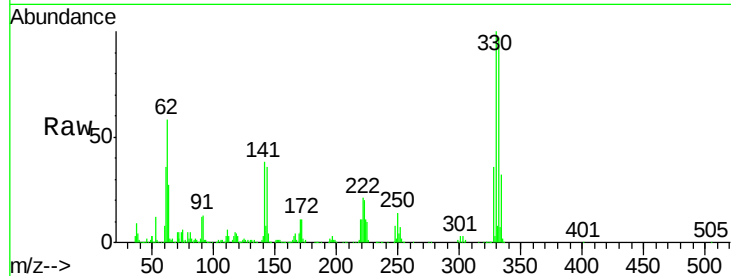




#41
 2,4,6-Tribromophenol
 Concen: 108.04 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG023749.D
 Acq: 17 Aug 2016 14:22

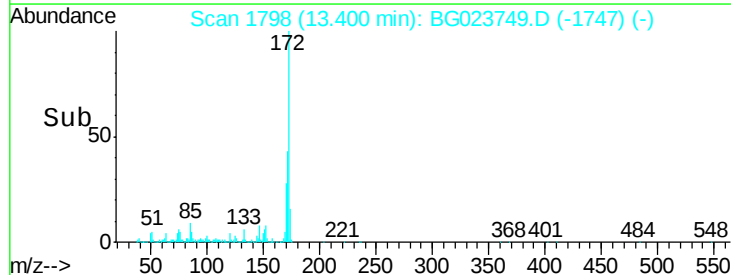
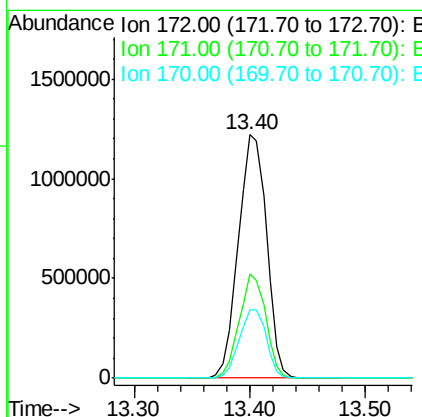
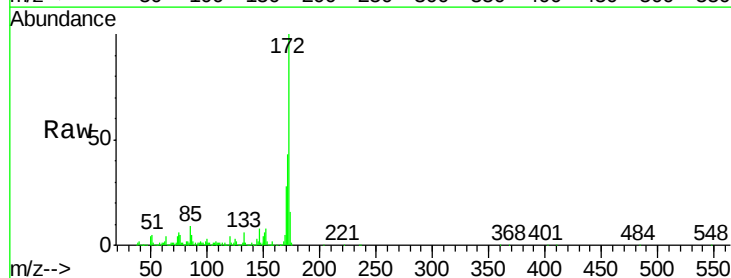
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-64-080916

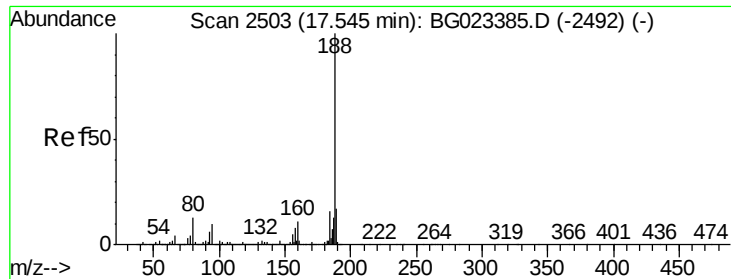
Tot Ion:330 Resp: 688136
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 39.1 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 80.24 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BG023749.D
 Acq: 17 Aug 2016 14:22

Tgt Ion:172 Resp: 2071671
 Ion Ratio Lower Upper
 172 100
 171 42.7 31.6 47.4
 170 28.1 21.3 31.9

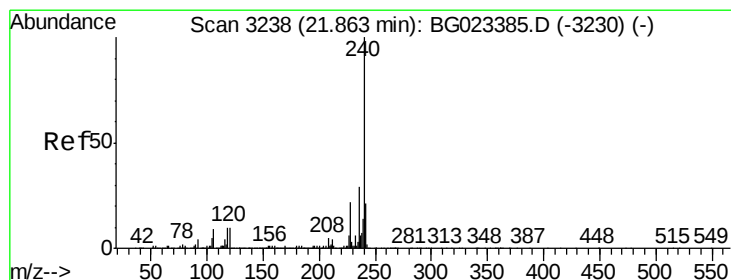
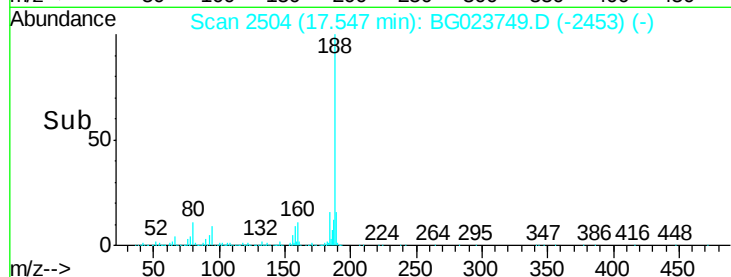
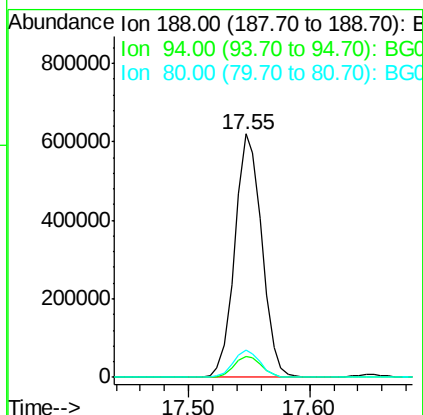
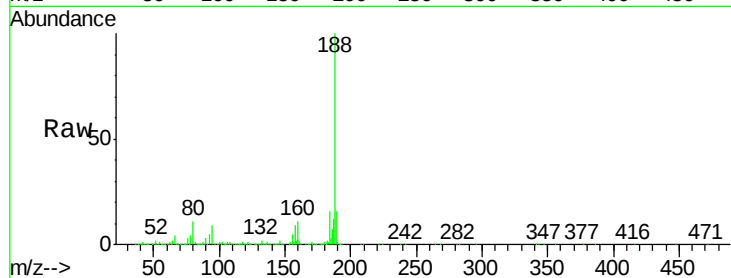




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG023749.D
Acq: 17 Aug 2016 14:22

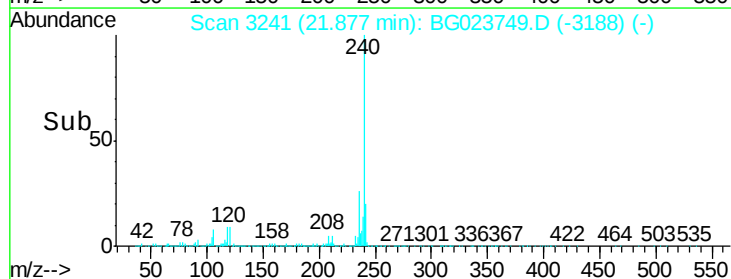
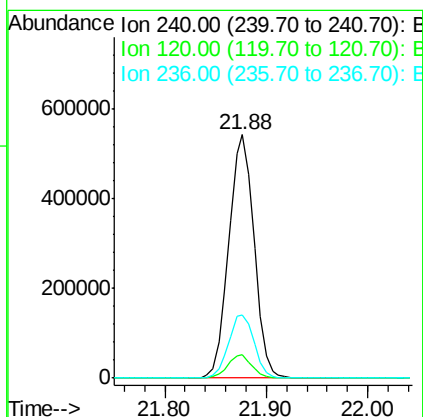
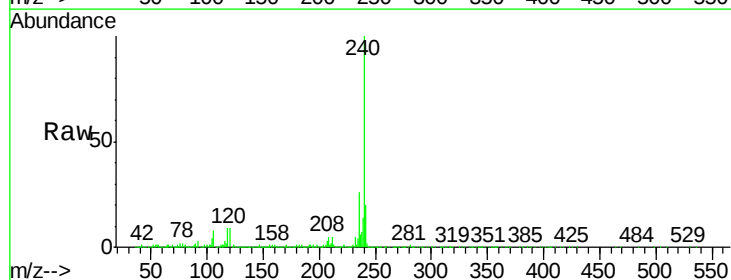
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ClientSampleId :
HSR-WC-64-080916

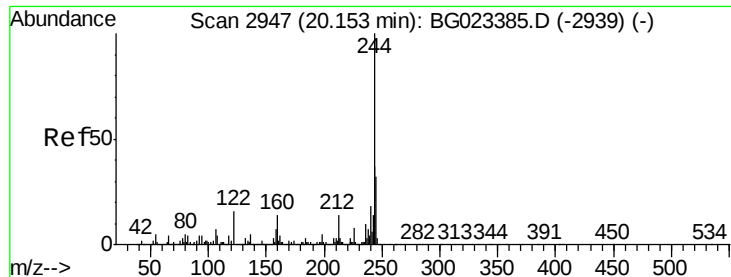
Tot Ion:188 Resp: 968052
Ion Ratio Lower Upper
188 100
94 8.7 5.2 7.8#
80 11.4 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3241
Delta R.T. 0.01 min
Lab File: BG023749.D
Acq: 17 Aug 2016 14:22

Tgt Ion:240 Resp: 934357
Ion Ratio Lower Upper
240 100
120 9.4 4.1 6.1#
236 25.8 21.1 31.7





#78

Terphenyl-d14

Concen: 91.30 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023749.D

Acq: 17 Aug 2016 14:22

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

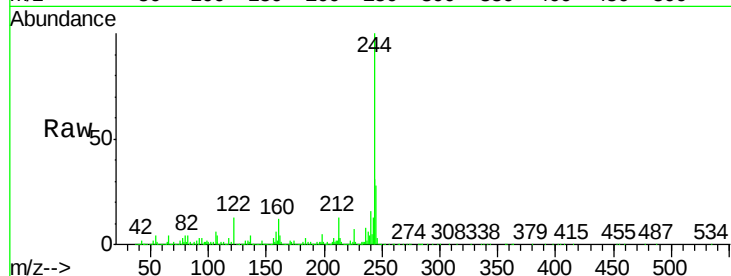
Tot Ion:244 Resp: 2683540

Ion Ratio Lower Upper

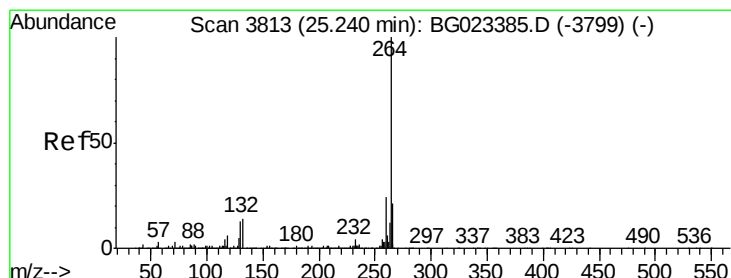
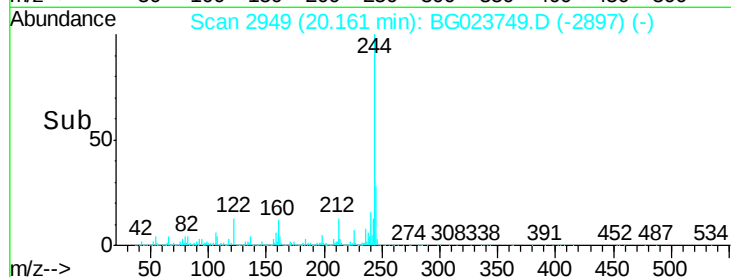
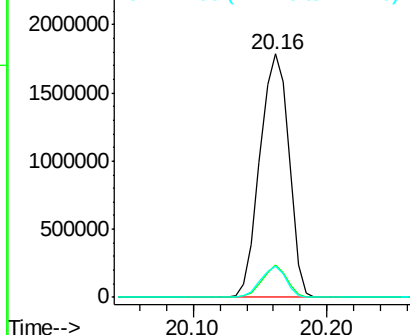
244 100

212 13.5 10.8 16.2

122 12.8 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: 25.29 min Scan# 3822

Delta R.T. 0.05 min

Lab File: BG023749.D

Acq: 17 Aug 2016 14:22

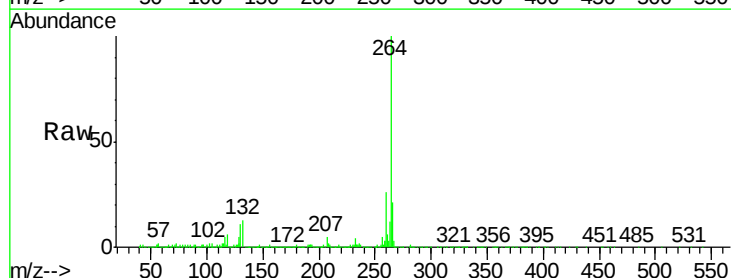
Tgt Ion:264 Resp: 930195

Ion Ratio Lower Upper

264 100

260 25.7 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

