

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
 Data File : BG023724.D
 Acq On : 15 Aug 2016 17:12
 Operator : UM/SJ
 Sample : H4415-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 16 01:07:10 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

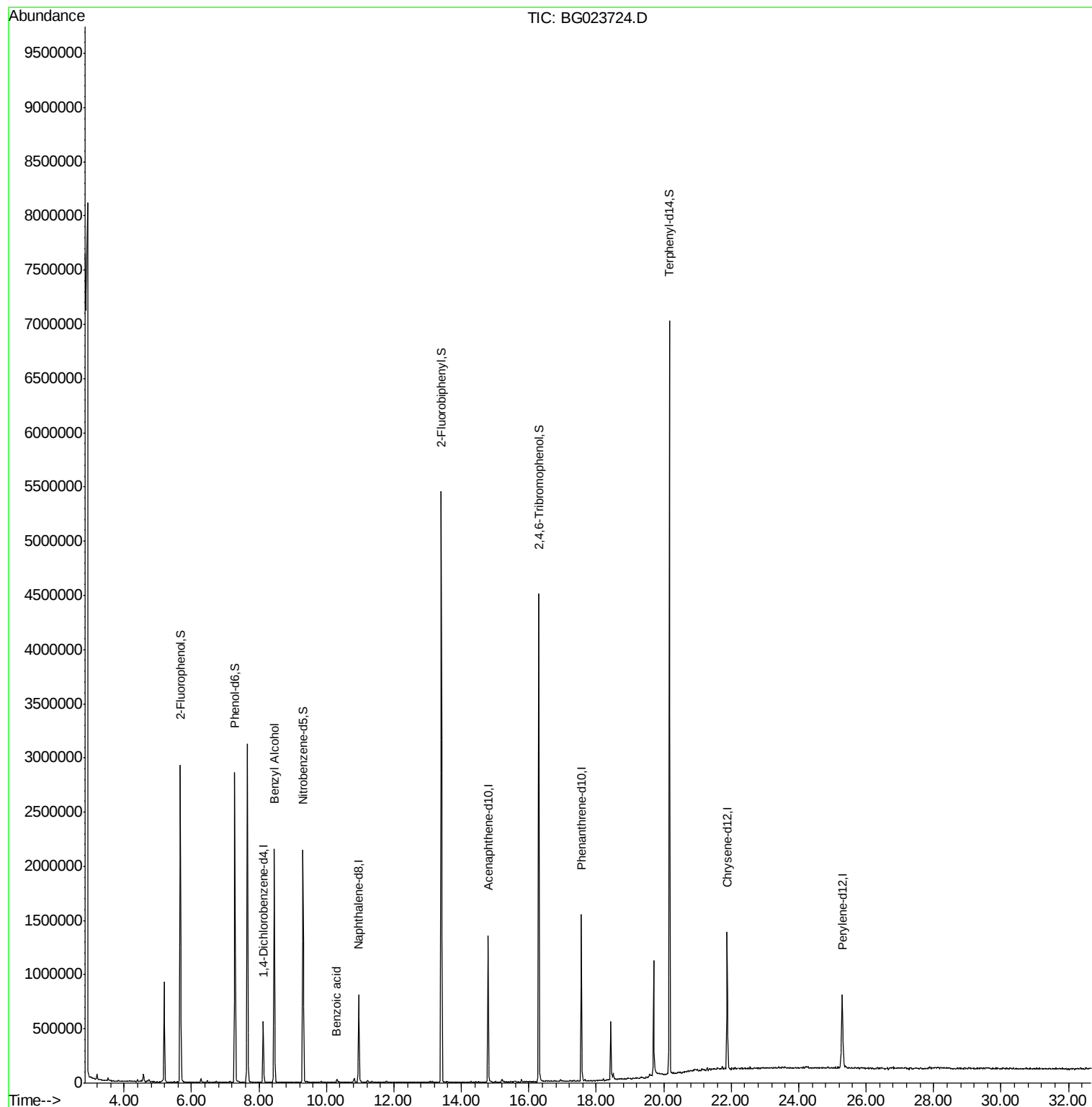
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	144492	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	672316	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	448009	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	892232	20.00	ng	0.01
75) Chrysene-d12	21.88	240	799834	20.00	ng	0.02
86) Perylene-d12	25.30	264	778256	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1231441	143.46	ng	0.00
7) Phenol-d6	7.28	99	1724128	128.95	ng	0.00
23) Nitrobenzene-d5	9.31	82	1360794	100.63	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	864503	131.93	ng	0.01
44) 2-Fluorobiphenyl	13.41	172	2564302	96.54	ng	0.00
78) Terphenyl-d14	20.17	244	2656261	109.43	ng	0.01
Target Compounds						
9) Benzaldehyde	7.29	77	3572	Below Cal	#	8
15) Benzyl Alcohol	8.45	79	21716	2.14 ng	#	67
32) Benzoic acid	10.29	122	873	6.52 ng	#	19
73) Di-n-butylphthalate	18.51	149	31030	Below Cal	#	95
74) Fluoranthene	19.62	202	1969	Below Cal	#	39
77) Pyrene	19.98	202	952	Below Cal	#	66

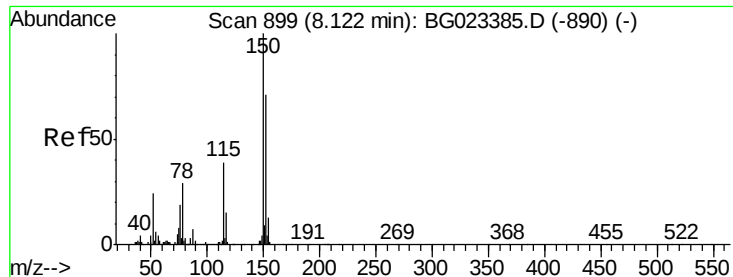
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023724.D

Acq: 15 Aug 2016 17:12

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

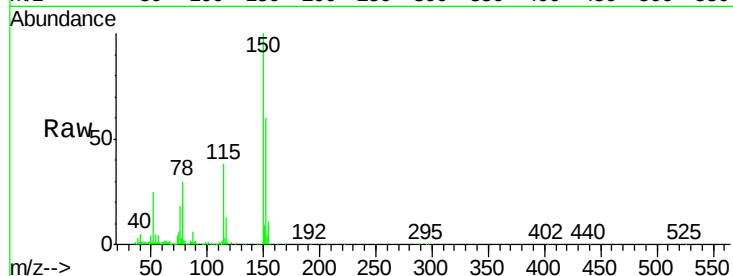
Tgt Ion:152 Resp: 144492

Ion Ratio Lower Upper

152 100

150 165.9 144.7 217.1

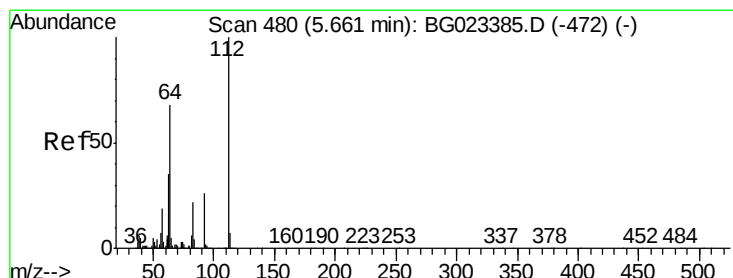
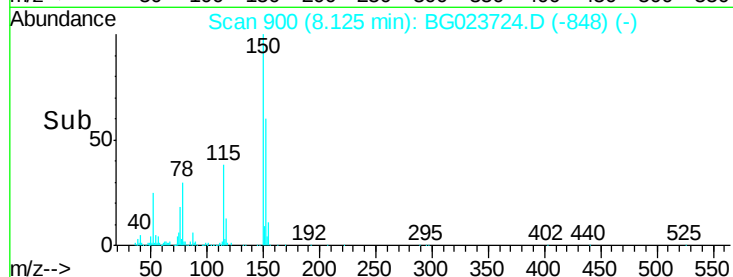
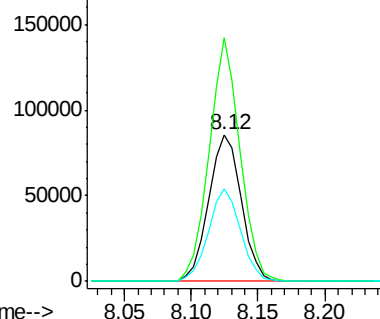
115 62.8 64.0 96.0#



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: 143.46 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.01 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

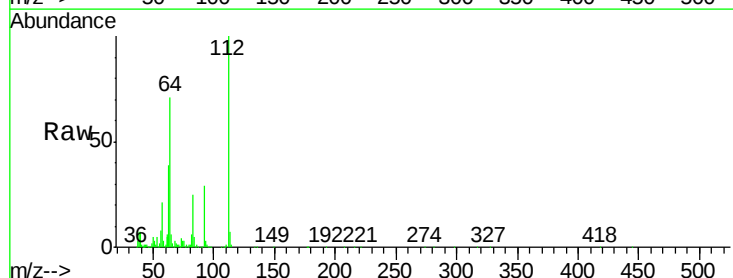
Tgt Ion:112 Resp: 1231441

Ion Ratio Lower Upper

112 100

64 71.3 59.0 88.4

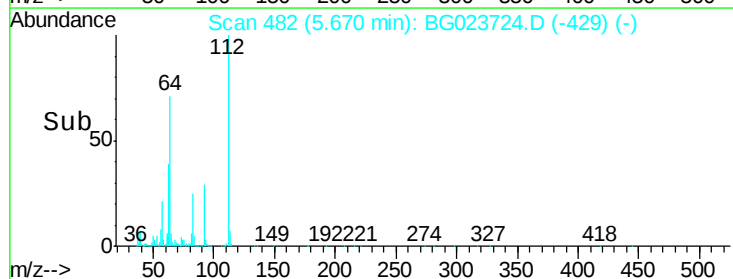
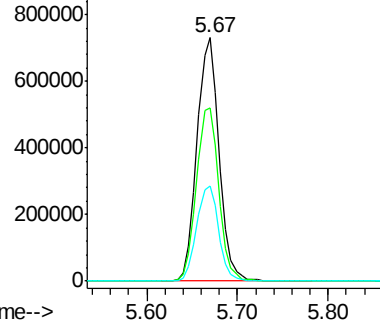
63 39.3 37.8 56.8

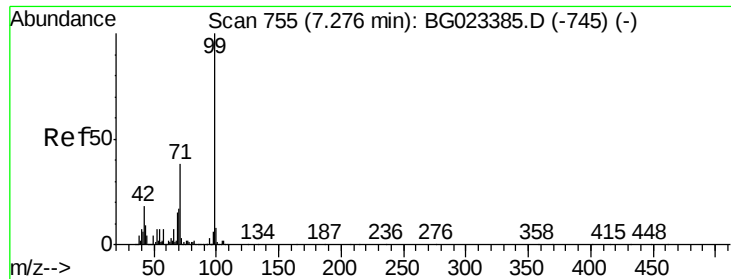


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.95 ng

RT: 7.28 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

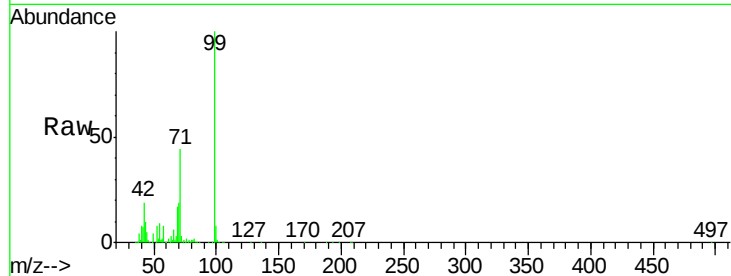
Tgt Ion: 99 Resp: 1724128

Ion Ratio Lower Upper

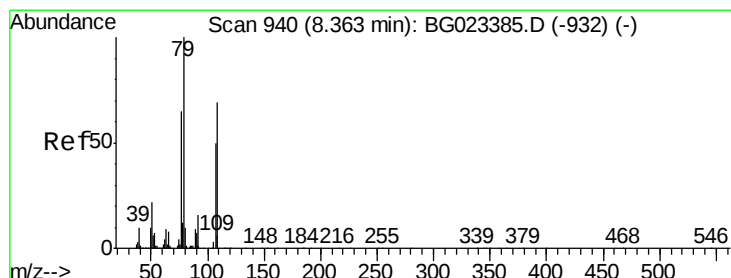
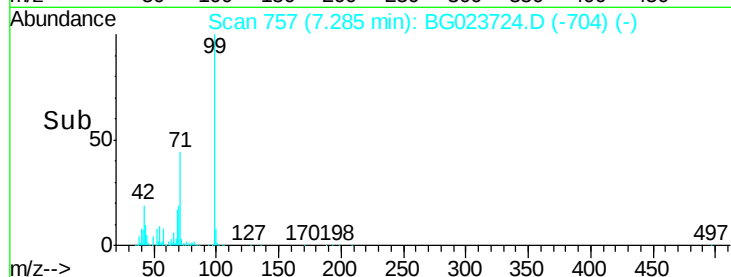
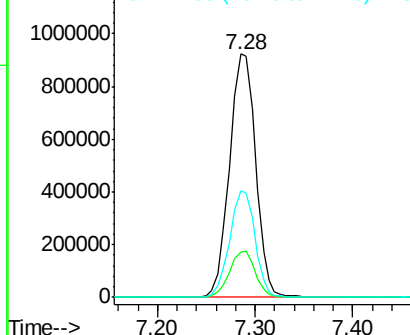
99 100

42 18.8 17.8 26.6

71 43.7 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



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.08 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

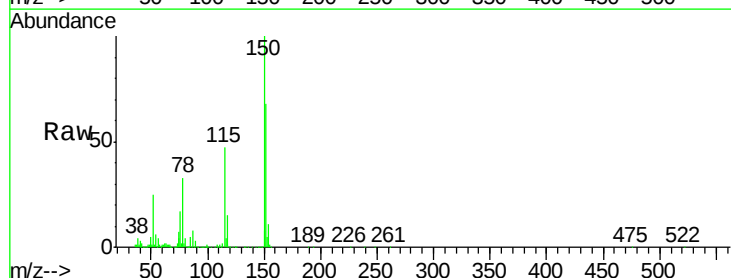
Tgt Ion: 79 Resp: 21716

Ion Ratio Lower Upper

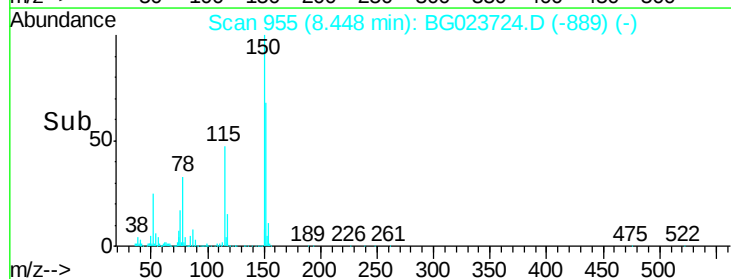
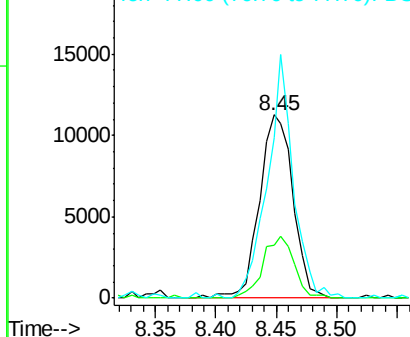
79 100

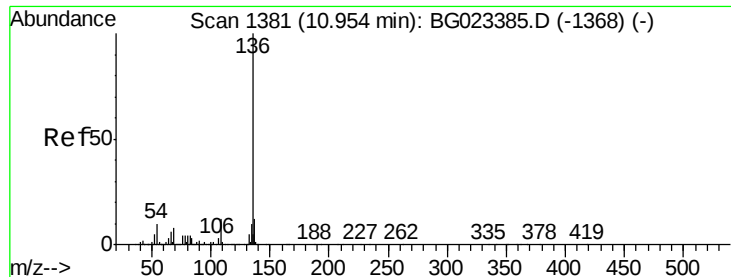
108 28.6 46.5 69.7#

77 87.4 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

Tgt Ion:136 Resp: 672316

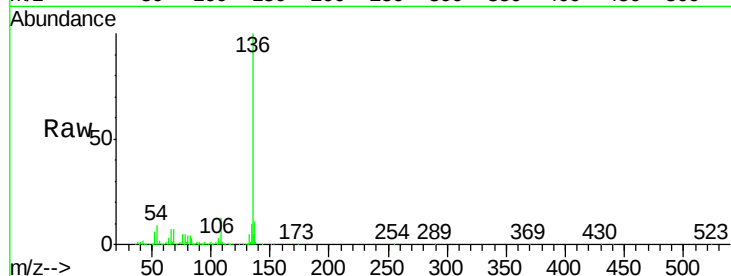
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 9.1 7.3 10.9

68 7.0 5.3 7.9

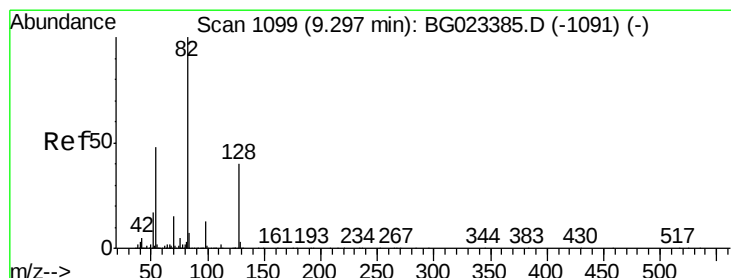
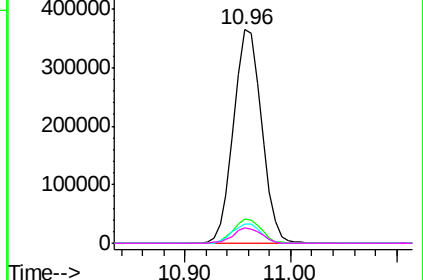
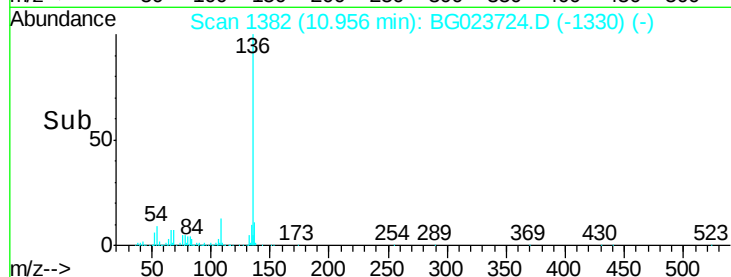


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 100.63 ng

RT: 9.31 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

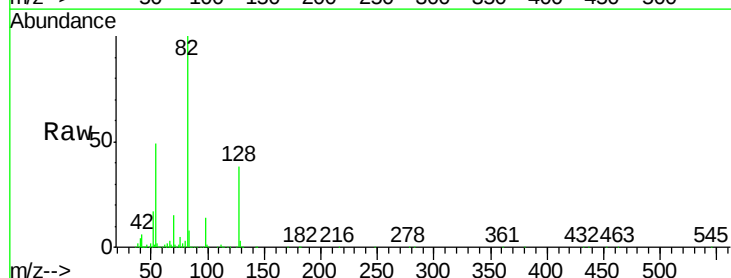
Tgt Ion: 82 Resp: 1360794

Ion Ratio Lower Upper

82 100

128 38.5 24.4 36.6#

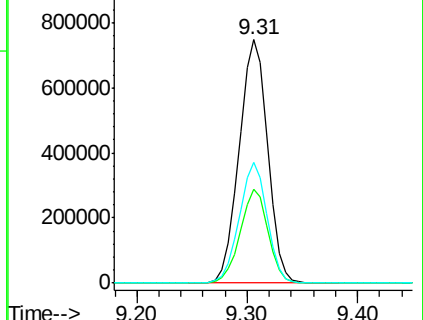
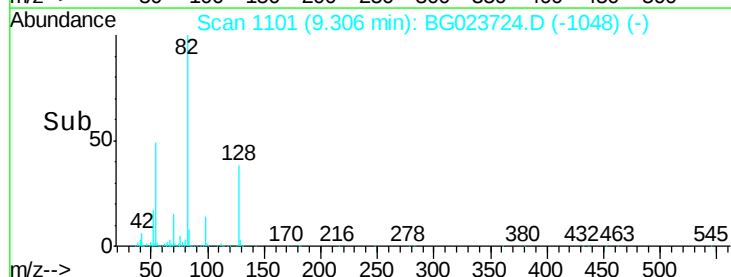
54 49.5 41.4 62.0

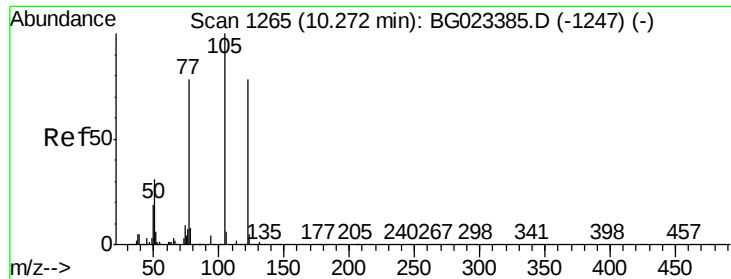


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 6.52 ng

RT: 10.29 min Scan# 1269

Delta R.T. 0.02 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

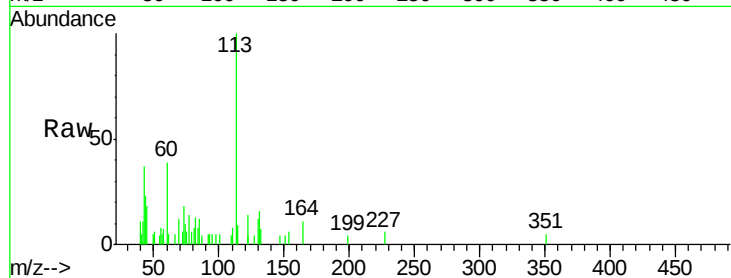
Tgt Ion:122 Resp: 873

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

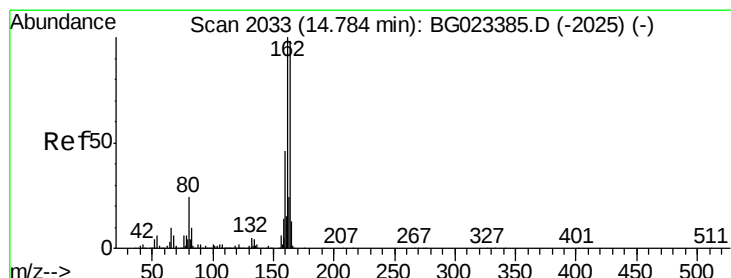
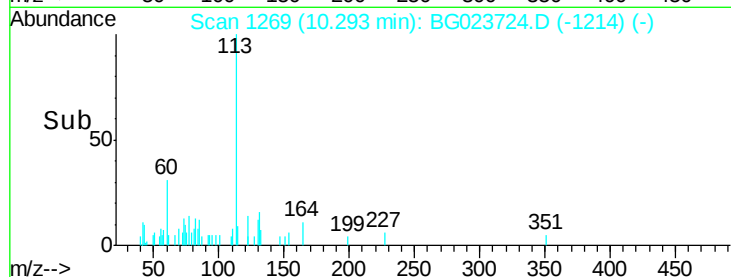
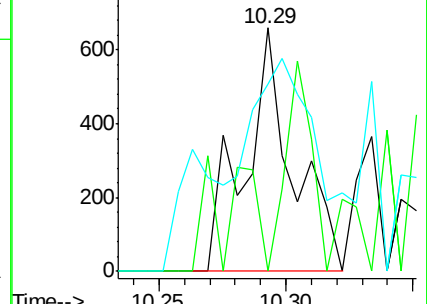
77 76.8 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

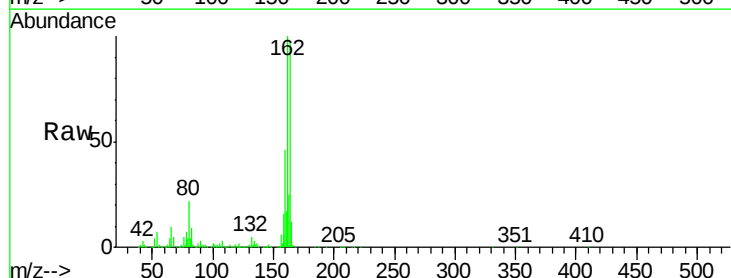
Tgt Ion:164 Resp: 448009

Ion Ratio Lower Upper

164 100

162 103.1 87.7 131.5

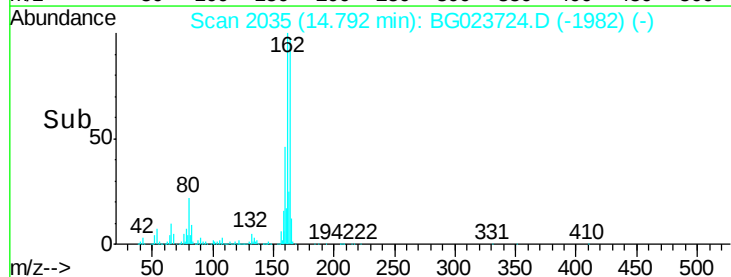
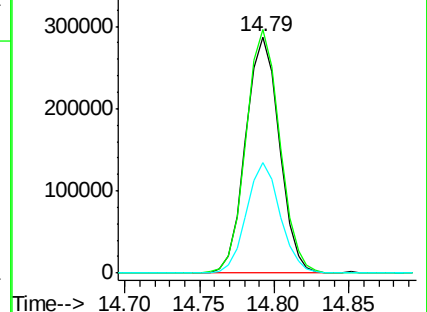
160 47.0 37.2 55.8

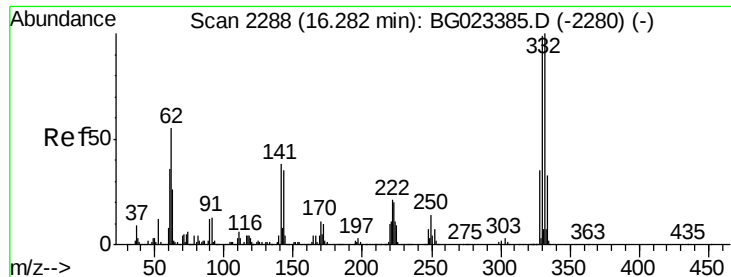


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

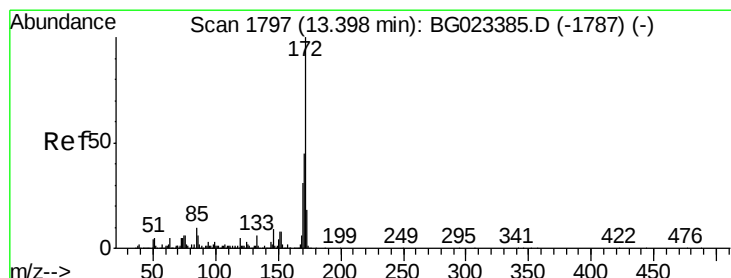
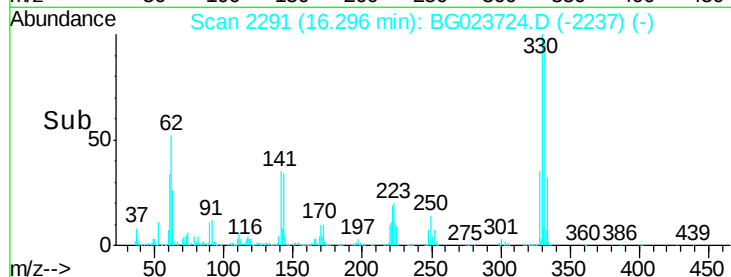
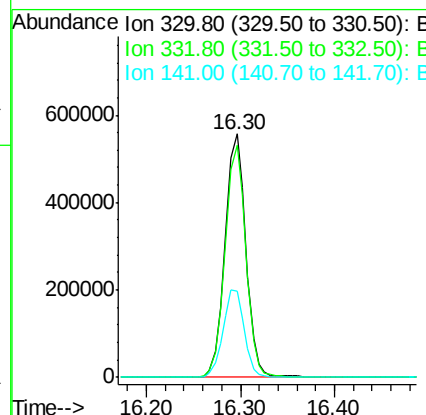
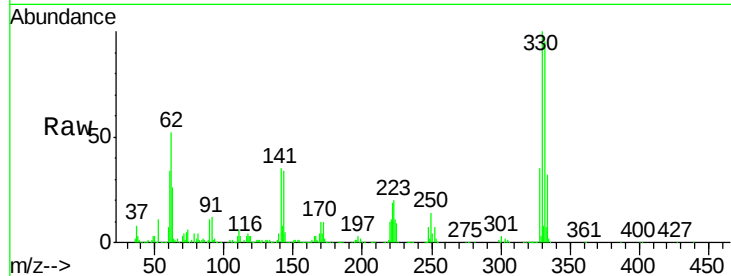




#41
 2,4,6-Tribromophenol
 Concen: 131.93 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG023724.D
 Acq: 15 Aug 2016 17:12

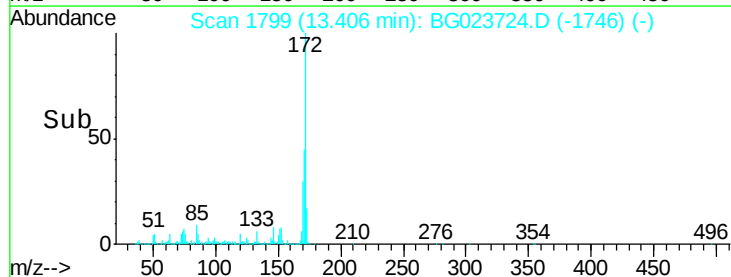
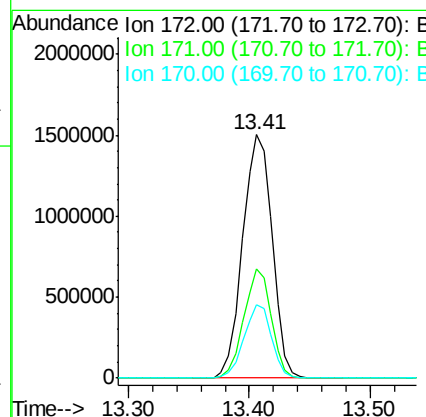
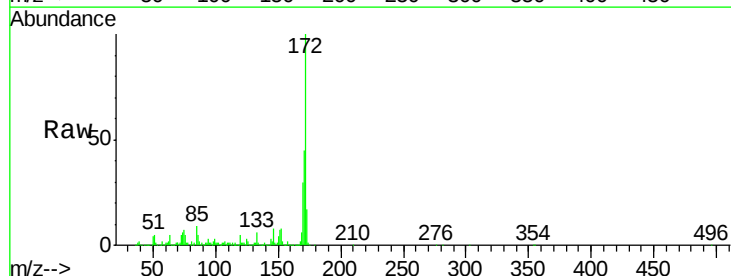
Instrument :
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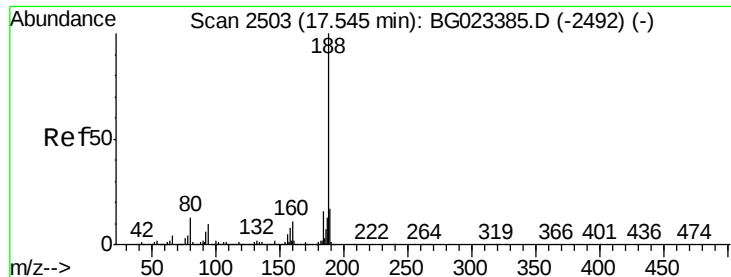
Tgt Ion:330 Resp: 864503
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 36.5 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 96.54 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. 0.01 min
 Lab File: BG023724.D
 Acq: 15 Aug 2016 17:12

Tgt Ion:172 Resp: 2564302
 Ion Ratio Lower Upper
 172 100
 171 44.7 31.6 47.4
 170 30.0 21.3 31.9

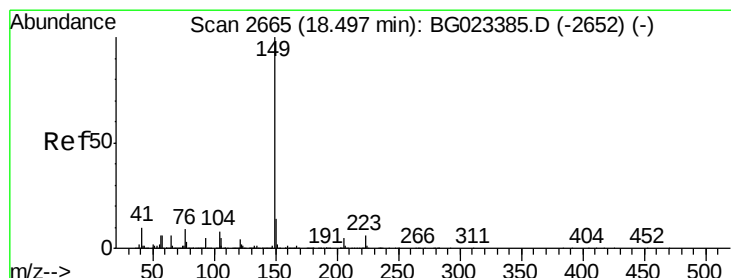
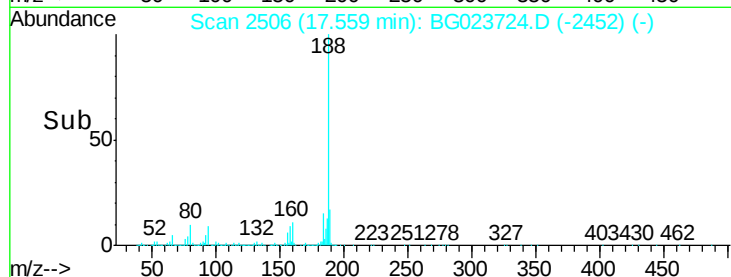
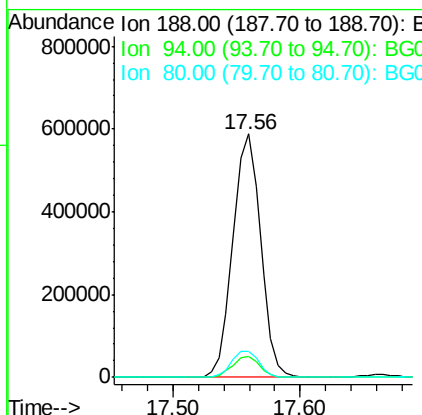
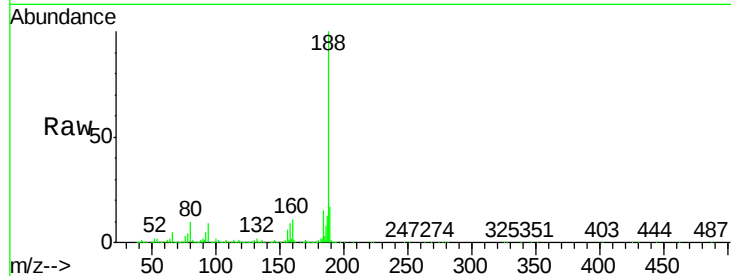




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2506
 Delta R.T. 0.01 min
 Lab File: BG023724.D
 Acq: 15 Aug 2016 17:12

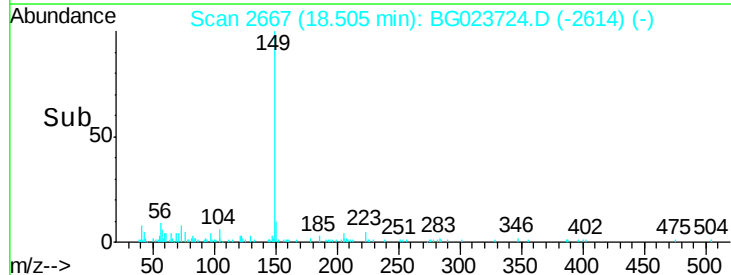
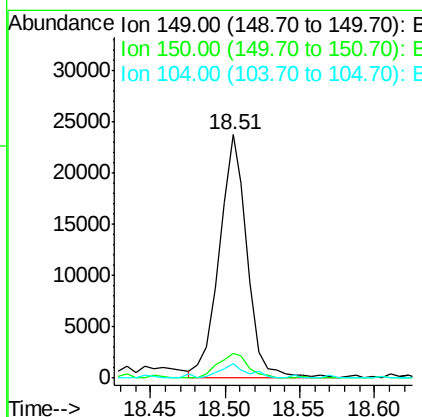
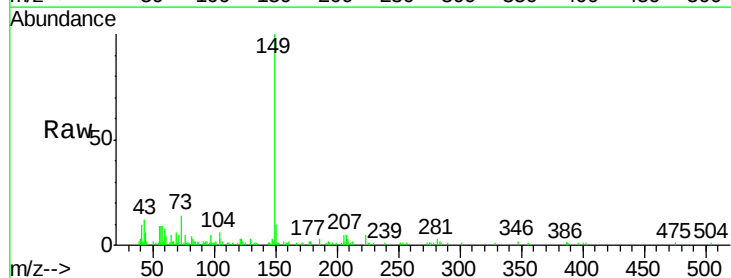
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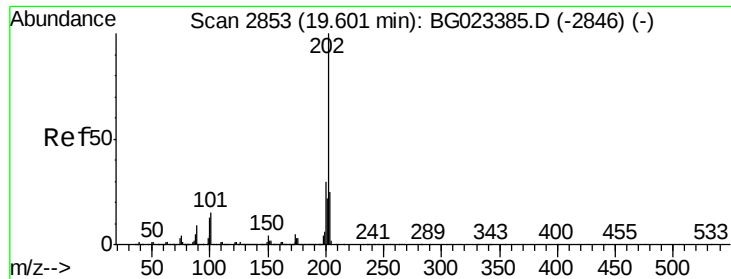
Tgt Ion:188 Resp: 892232
 Ion Ratio Lower Upper
 188 100
 94 8.6 5.2 7.8#
 80 10.5 7.2 10.8



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 18.51 min Scan# 2667
 Delta R.T. 0.01 min
 Lab File: BG023724.D
 Acq: 15 Aug 2016 17:12

Tgt Ion:149 Resp: 31030
 Ion Ratio Lower Upper
 149 100
 150 10.0 9.1 13.7
 104 5.9 6.9 10.3#





#74

Fluoranthene

Concen: Below Cal

RT: 19.62 min Scan# 2856

Delta R.T. 0.02 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

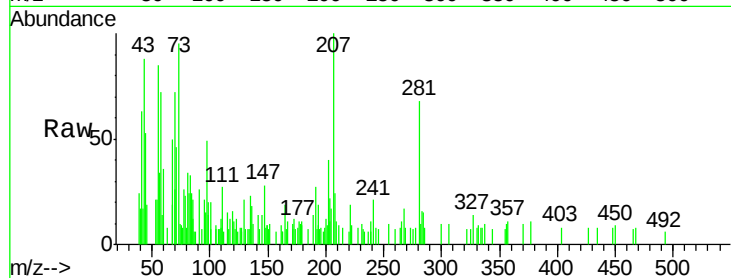
Tgt Ion:202 Resp: 1969

Ion Ratio Lower Upper

202 100

101 18.4 0.0 27.4

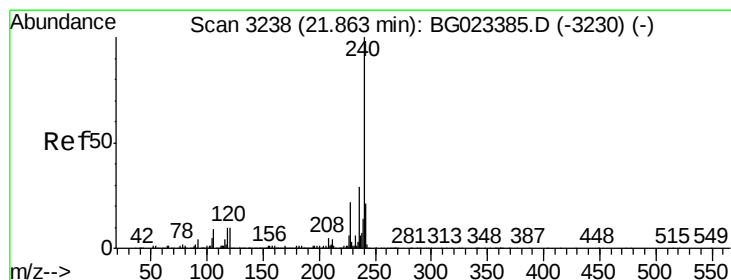
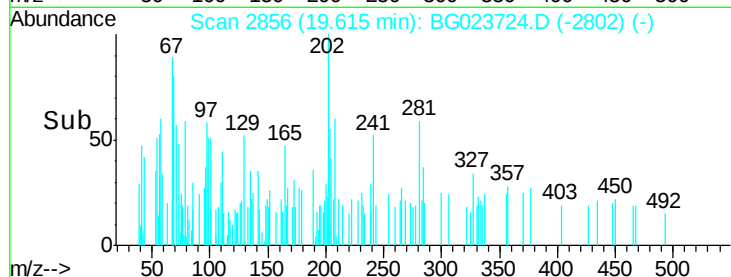
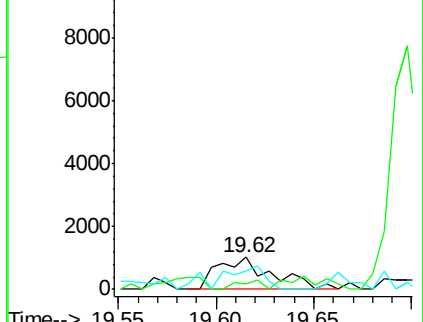
203 55.4 1.7 41.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3242

Delta R.T. 0.02 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

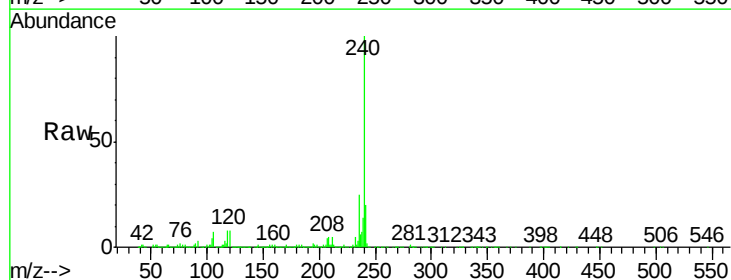
Tgt Ion:240 Resp: 799834

Ion Ratio Lower Upper

240 100

120 7.8 4.1 6.1#

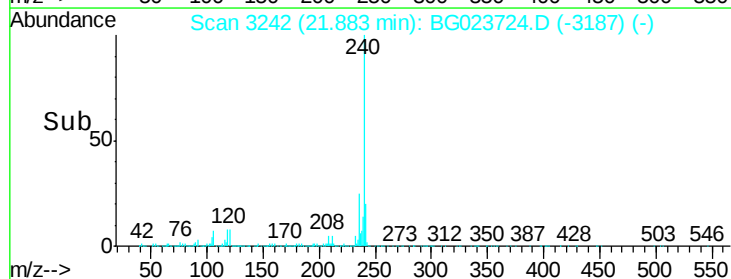
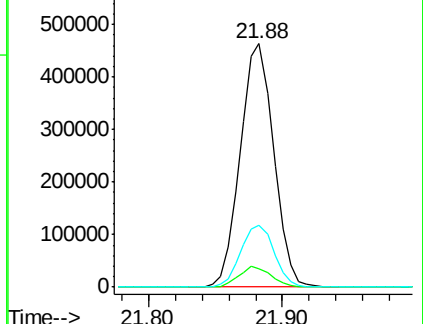
236 25.2 21.1 31.7

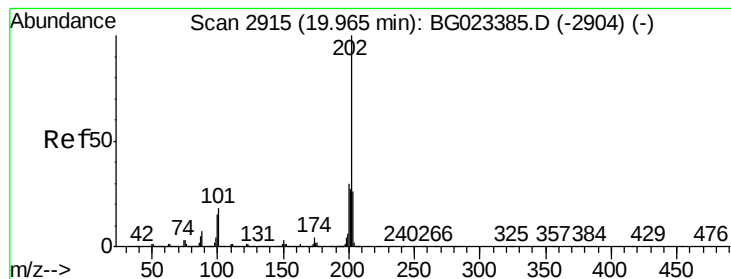


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: Below Cal

RT: 19.98 min Scan# 2918

Delta R.T. 0.01 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

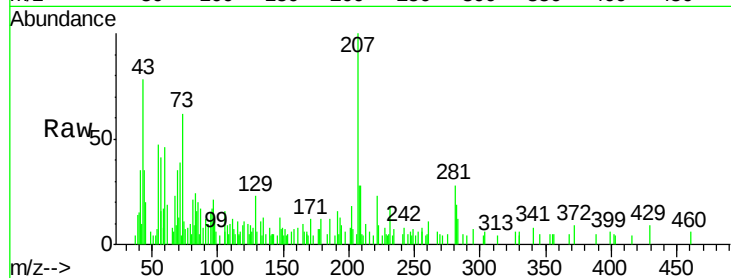
Tgt Ion:202 Resp: 952

Ion Ratio Lower Upper

202 100

200 43.7 21.2 31.8#

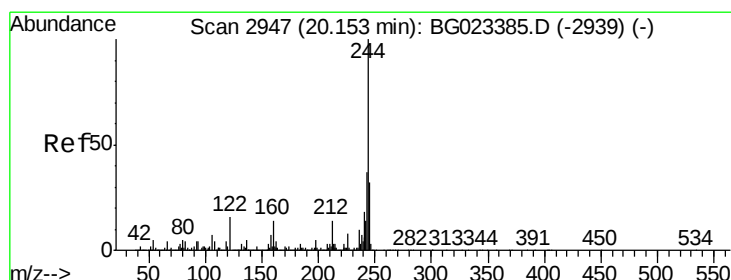
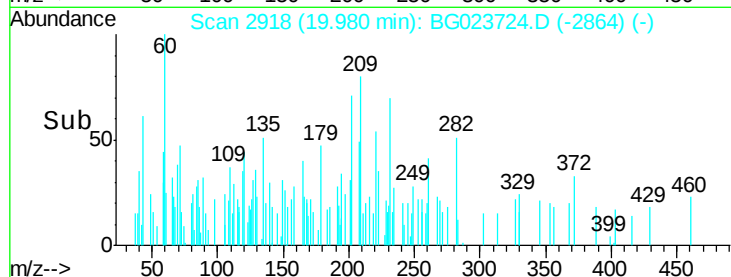
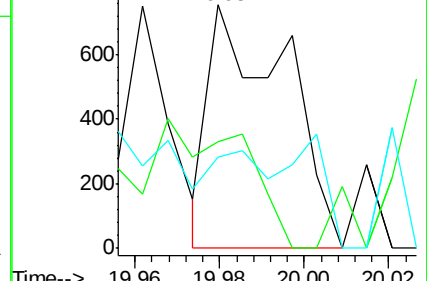
203 37.5 16.8 25.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 109.43 ng

RT: 20.17 min Scan# 2950

Delta R.T. 0.01 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

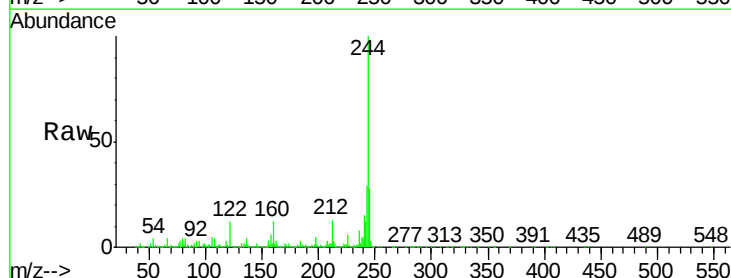
Tgt Ion:244 Resp: 2656261

Ion Ratio Lower Upper

244 100

212 13.1 10.8 16.2

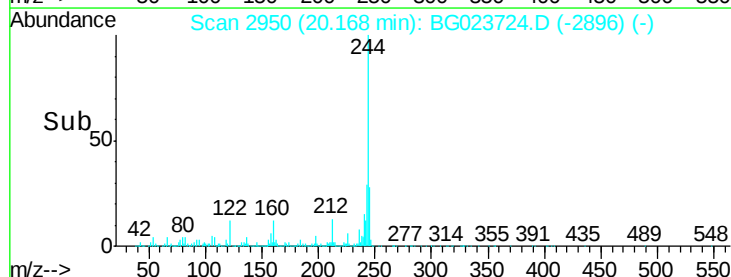
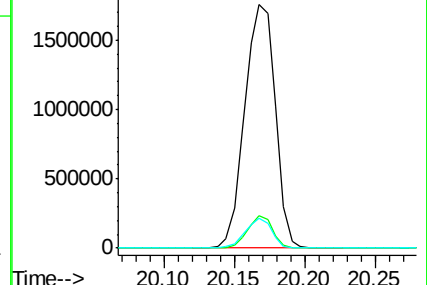
122 12.4 8.0 12.0#

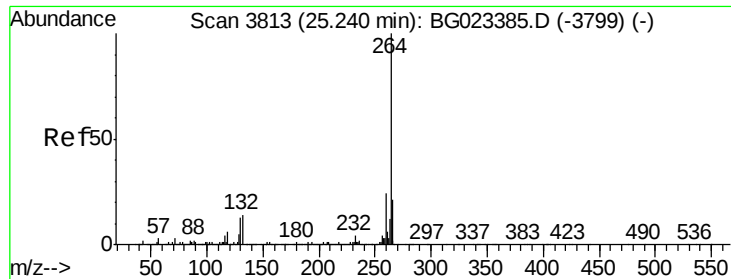


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.30 min Scan# 3823
Delta R.T. 0.06 min
Lab File: BG023724.D
Acq: 15 Aug 2016 17:12

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.2	18.9	28.3

