

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023897.D
 Acq On : 25 Aug 2016 17:18
 Operator : UM/SJ
 Sample : H4581-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-67-082316

Quant Time: Aug 26 01:17:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	117837	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	498213	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	325880	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	806197	20.00	ng	0.00
75) Chrysene-d12	21.84	240	933654	20.00	ng	0.00
86) Perylene-d12	25.21	264	908550	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	703796	100.54	ng	0.00
7) Phenol-d6	7.25	99	947567	86.90	ng	0.00
23) Nitrobenzene-d5	9.27	82	748024	74.64	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	446277	93.63	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1484794	76.85	ng	0.00
78) Terphenyl-d14	20.13	244	2332196	76.18	ng	0.00

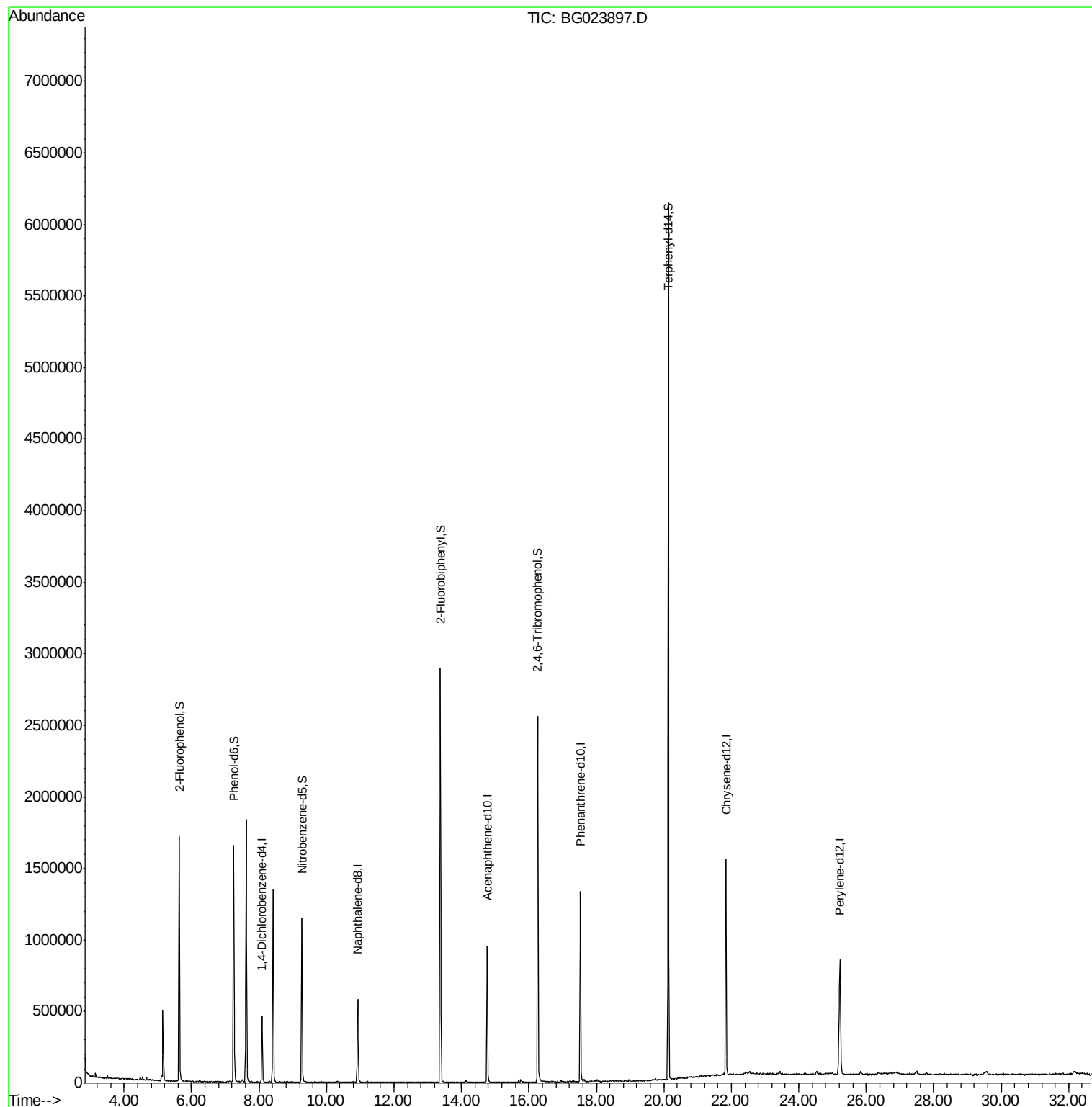
Target Compounds	Qvalue
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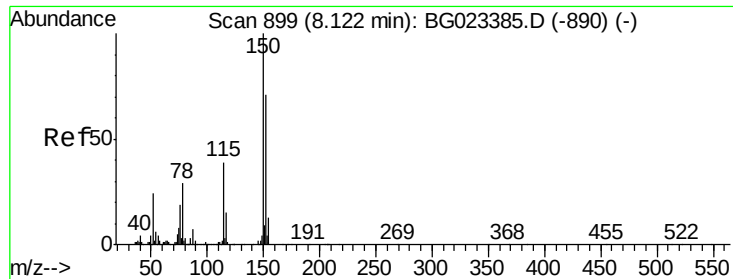
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

Instrument :

BNA_G

ClientSampleId :

HSR-WC-67-082316

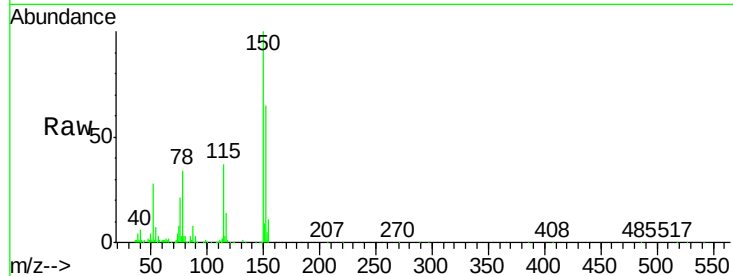
Tgt Ion:152 Resp: 117837

Ion Ratio Lower Upper

152 100

150 153.3 144.7 217.1

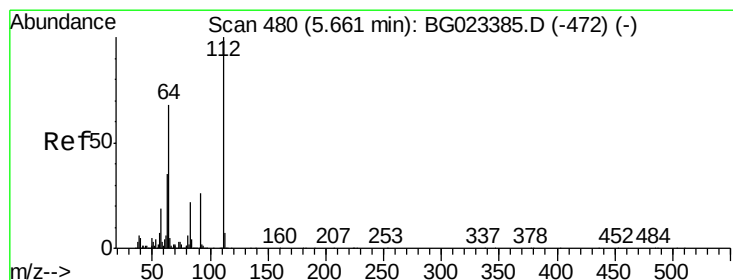
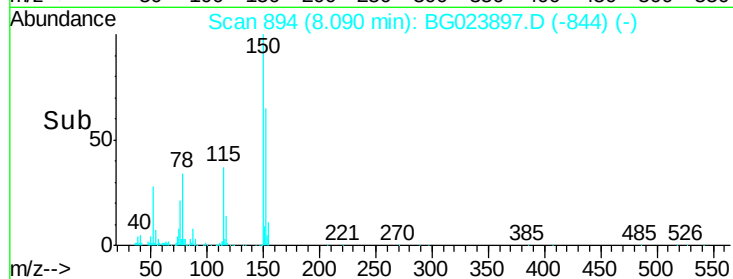
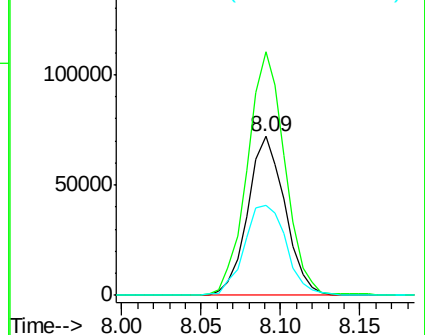
115 56.6 64.0 96.0#



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: 100.54 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

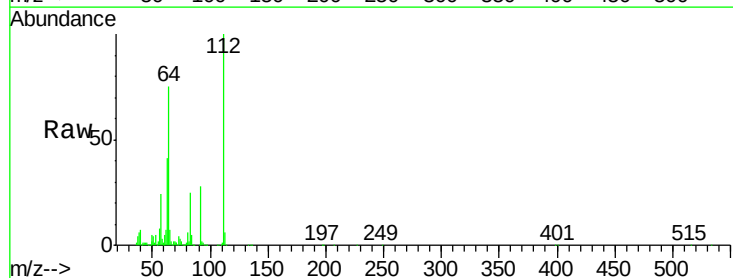
Tgt Ion:112 Resp: 703796

Ion Ratio Lower Upper

112 100

64 75.3 59.0 88.4

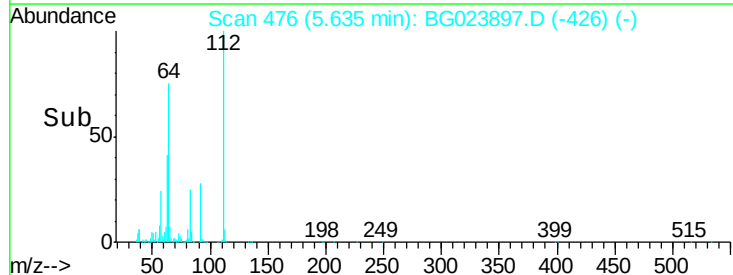
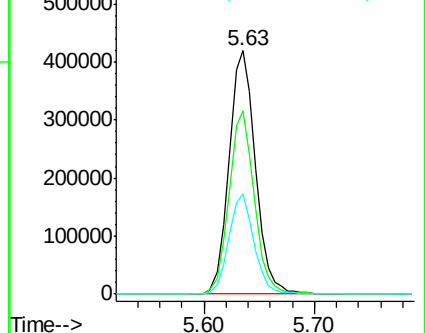
63 41.0 37.8 56.8

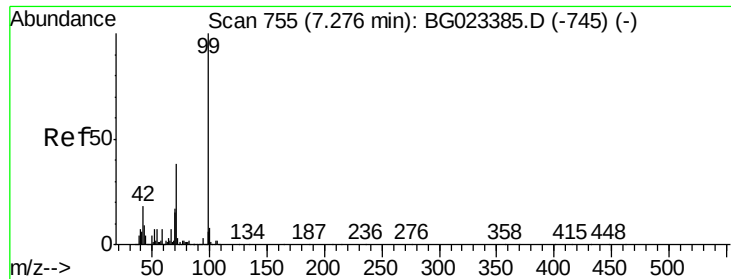


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 86.90 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

Instrument :

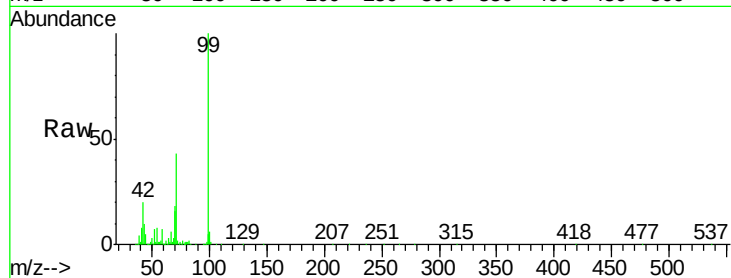
BNA_G

ClientSampleId :

HSR-WC-67-082316

Tgt Ion: 99 Resp: 947567

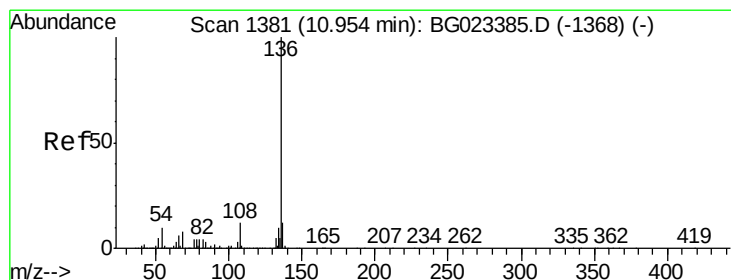
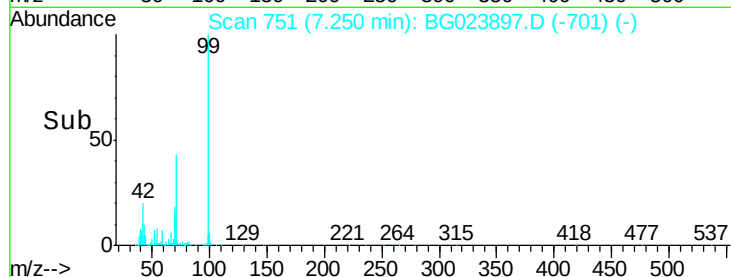
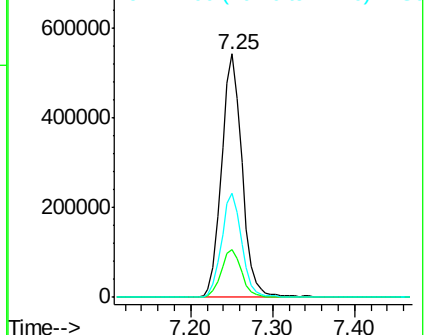
Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.8	26.6
71	42.8	41.5	62.3



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. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

Tgt Ion: 136 Resp: 498213

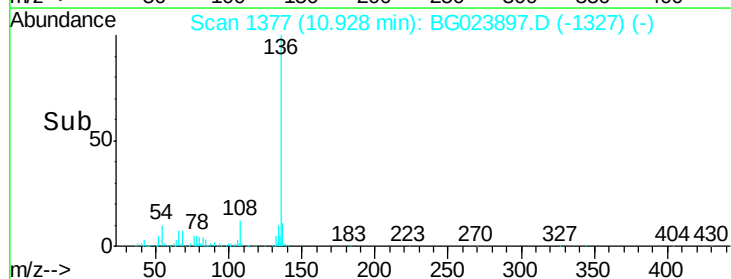
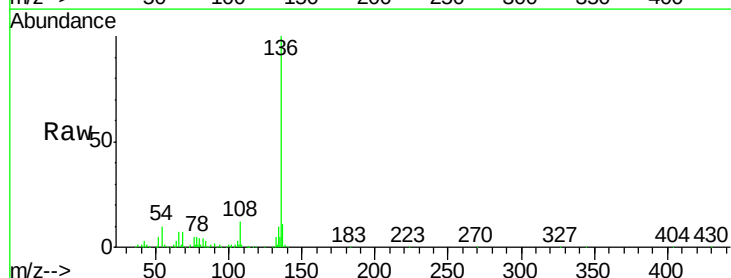
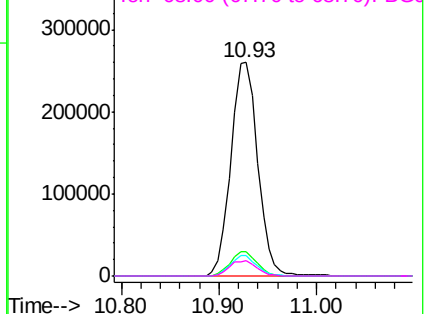
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.8	7.3	10.9
68	7.2	5.3	7.9

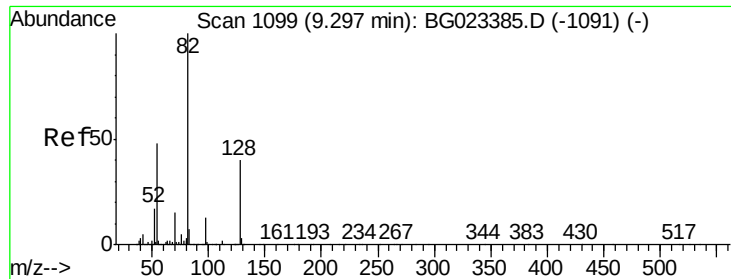
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

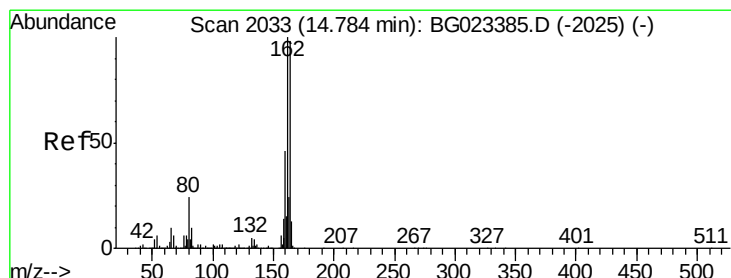
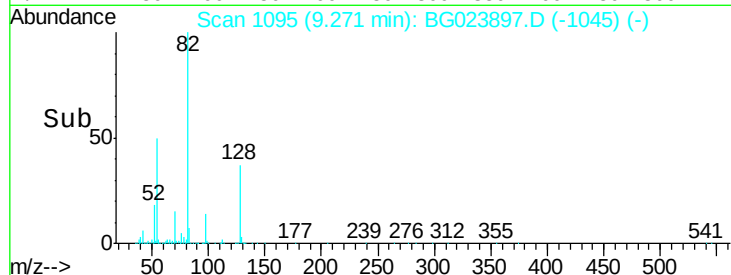
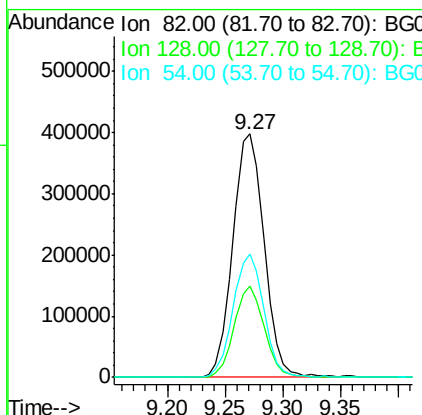
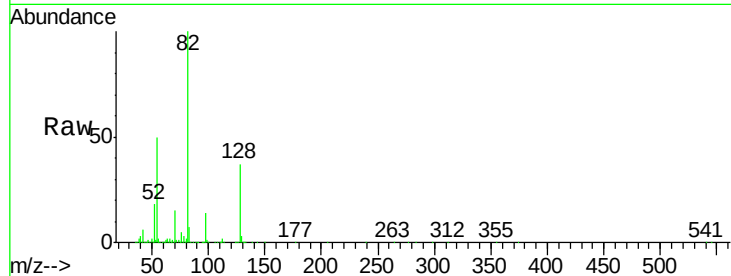




#23
 Nitrobenzene-d5
 Concen: 74.64 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BG023897.D
 Acq: 25 Aug 2016 17:18

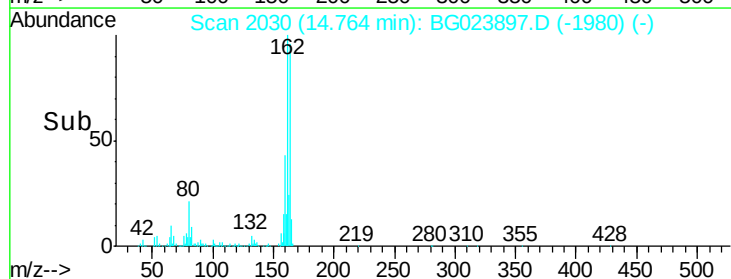
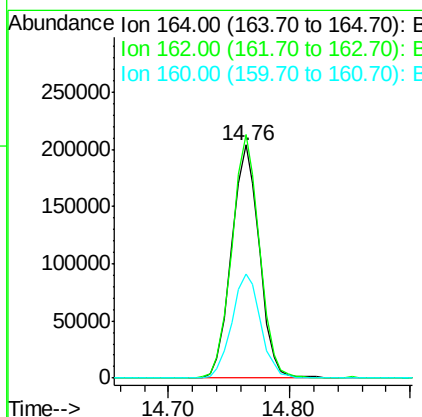
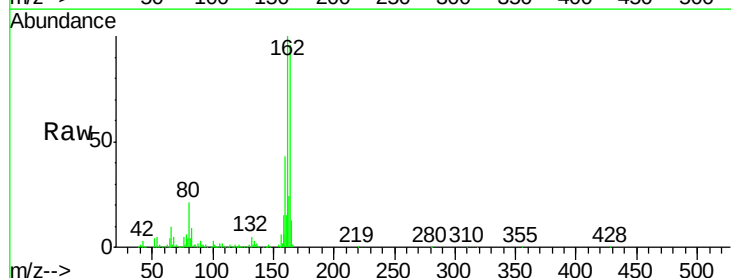
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-67-082316

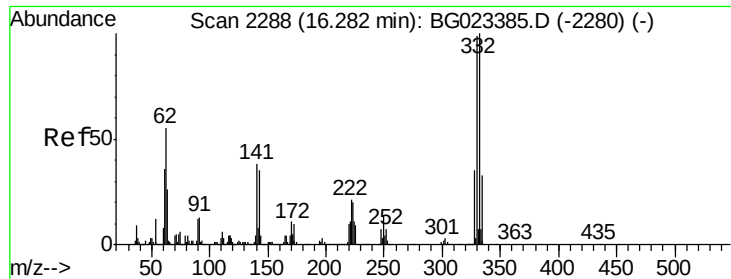
Tgt Ion: 82 Resp: 748024
 Ion Ratio Lower Upper
 82 100
 128 37.4 24.4 36.6#
 54 50.4 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BG023897.D
 Acq: 25 Aug 2016 17:18

Tgt Ion: 164 Resp: 325880
 Ion Ratio Lower Upper
 164 100
 162 104.6 87.7 131.5
 160 44.9 37.2 55.8

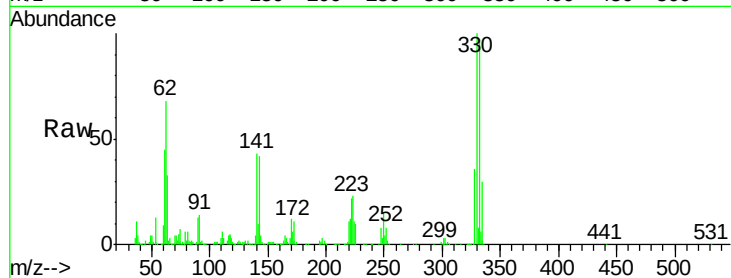




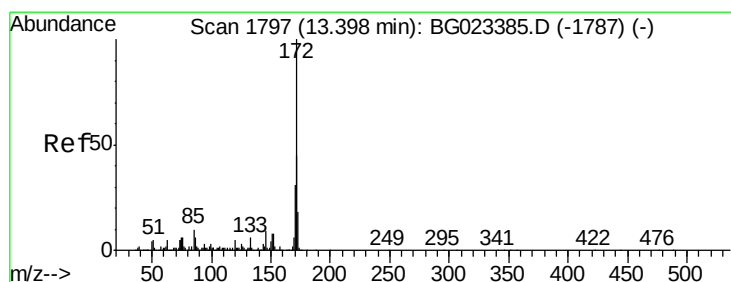
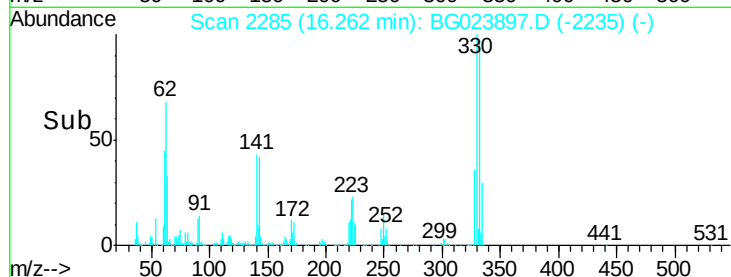
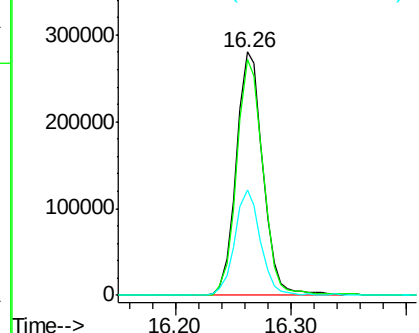
#41
 2,4,6-Tribromophenol
 Concen: 93.63 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG023897.D
 Acq: 25 Aug 2016 17:18

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-67-082316

Tgt Ion:330 Resp: 446277
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 42.0 31.7 47.5

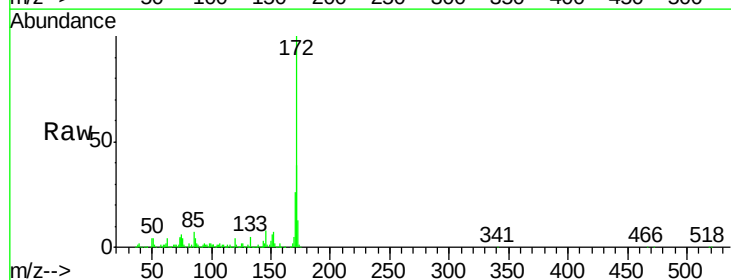


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

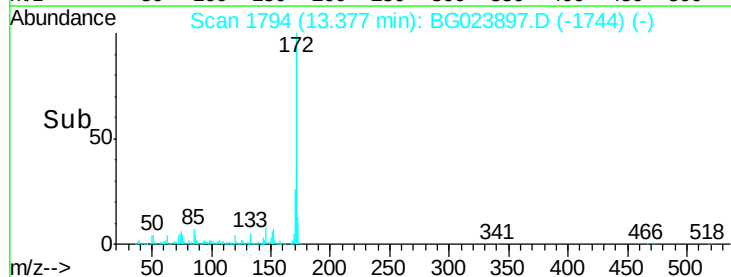
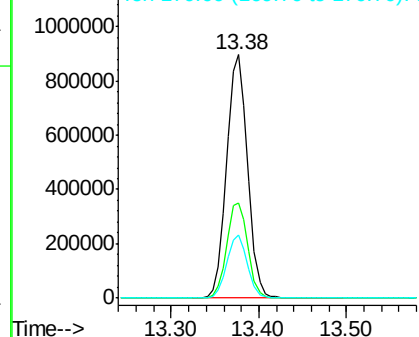


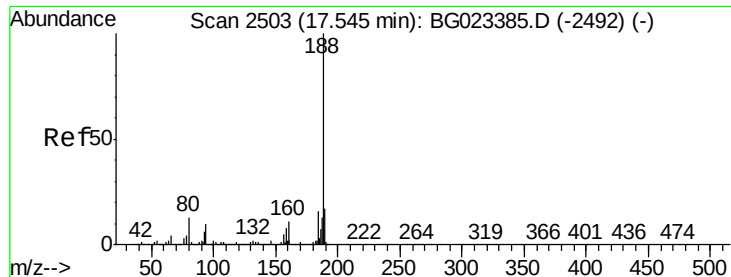
#44
 2-Fluorobiphenyl
 Concen: 76.85 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG023897.D
 Acq: 25 Aug 2016 17:18

Tgt Ion:172 Resp: 1484794
 Ion Ratio Lower Upper
 172 100
 171 39.1 31.6 47.4
 170 26.1 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: 17.52 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

Instrument :

BNA_G

ClientSampleId :

HSR-WC-67-082316

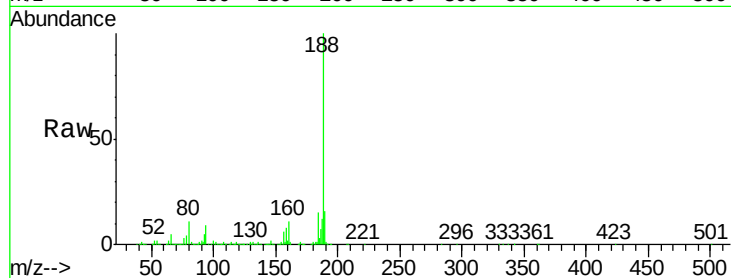
Tgt Ion:188 Resp: 806197

Ion Ratio Lower Upper

188 100

94 9.2 5.2 7.8#

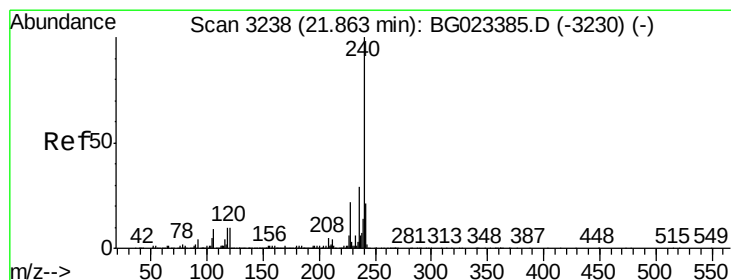
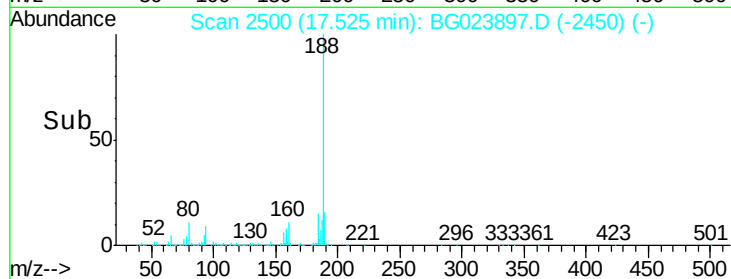
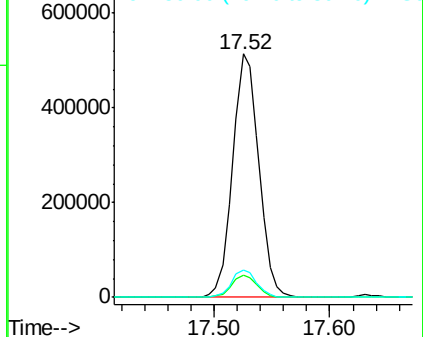
80 11.0 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

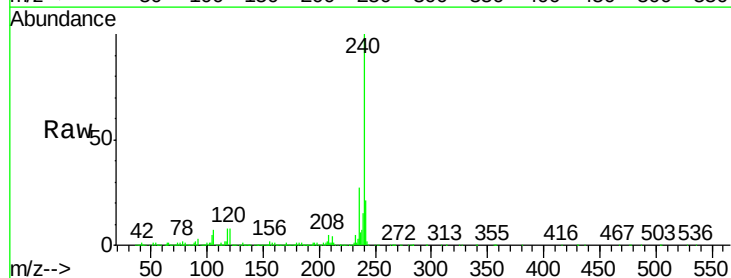
Tgt Ion:240 Resp: 933654

Ion Ratio Lower Upper

240 100

120 8.1 4.1 6.1#

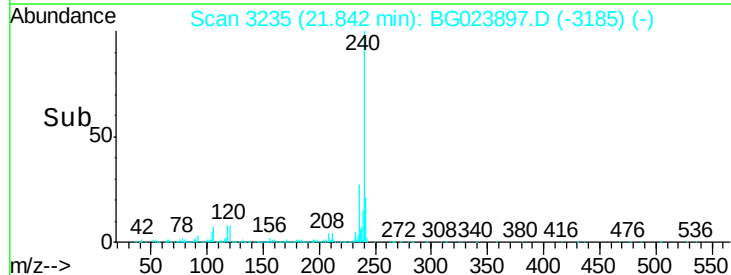
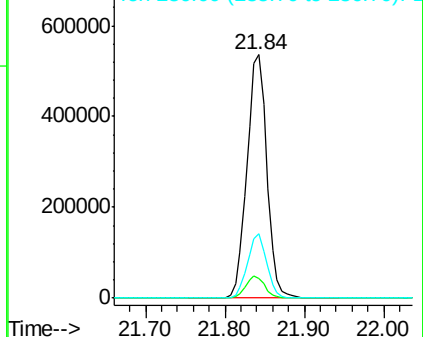
236 26.5 21.1 31.7

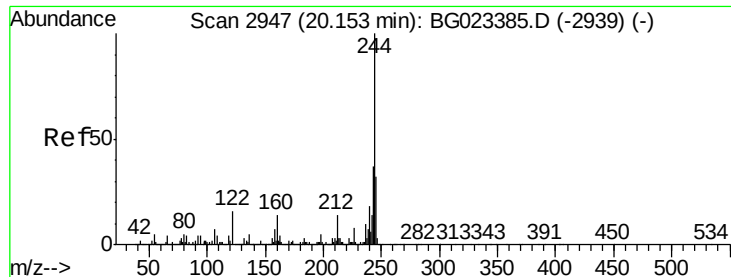


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.18 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.00 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

Instrument :

BNA_G

ClientSampleId :

HSR-WC-67-082316

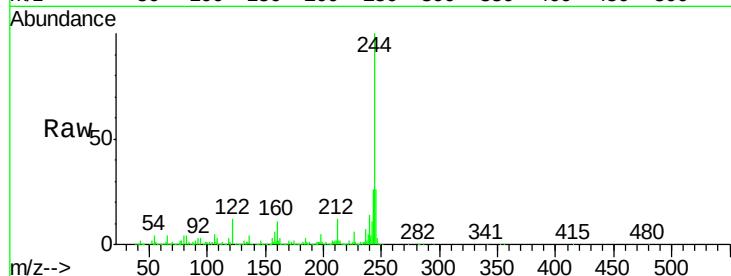
Tgt Ion:244 Resp: 2332196

Ion Ratio Lower Upper

244 100

212 11.7 10.8 16.2

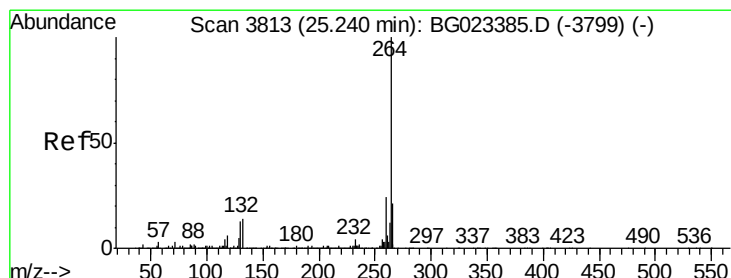
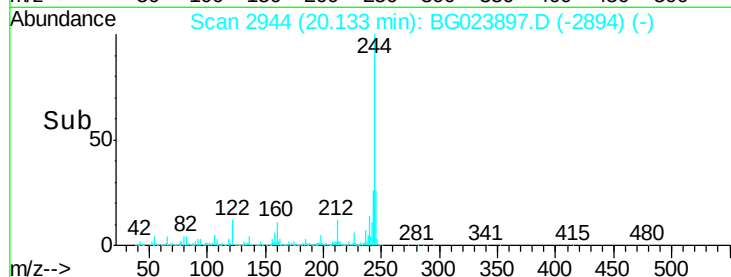
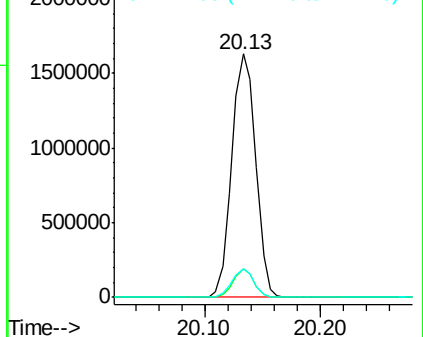
122 11.6 8.0 12.0



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: 25.21 min Scan# 3809

Delta R.T. -0.01 min

Lab File: BG023897.D

Acq: 25 Aug 2016 17:18

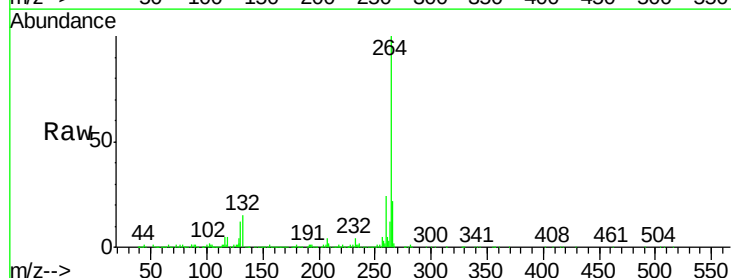
Tgt Ion:264 Resp: 908550

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 22.0 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

