

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023079.D
 Acq On : 13 Jul 2016 21:11
 Operator : UM/SJ
 Sample : H3955-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-58-070716

Quant Time: Jul 14 04:35:22 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

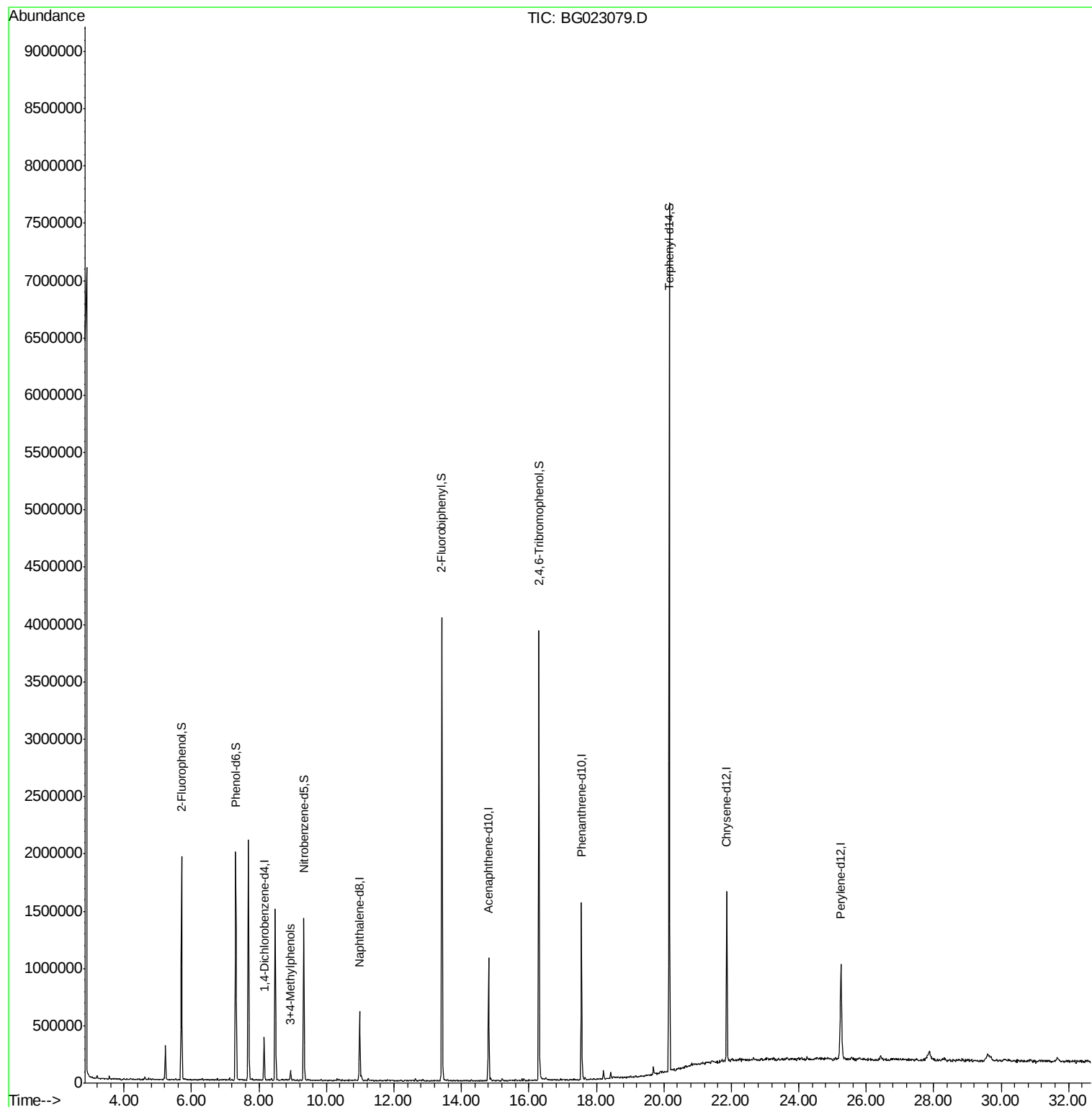
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	98892	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	466795	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	382143	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	939818	20.00	ng	0.00
75) Chrysene-d12	21.86	240	976347	20.00	ng	0.02
86) Perylene-d12	25.25	264	984991	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	748099	123.72	ng	0.00
7) Phenol-d6	7.31	99	1119939	118.26	ng	0.00
23) Nitrobenzene-d5	9.33	82	935447	85.81	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	729354	106.20	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1984513	81.80	ng	0.00
78) Terphenyl-d14	20.16	244	2849125	98.17	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.93	107	33057	3.74	ng	Qvalue 84

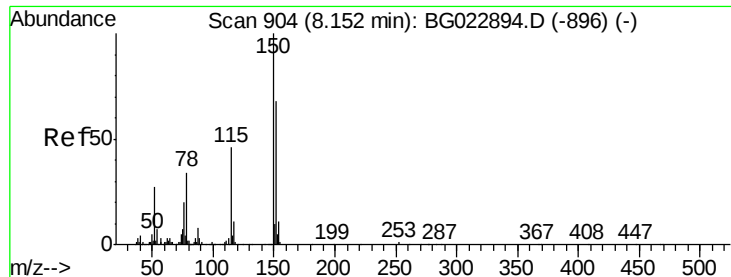
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.01 min

Lab File: BG023079.D

Acq: 13 Jul 2016 21:11

Instrument :

BNA_G

ClientSampleId :

HSR-WC-58-070716

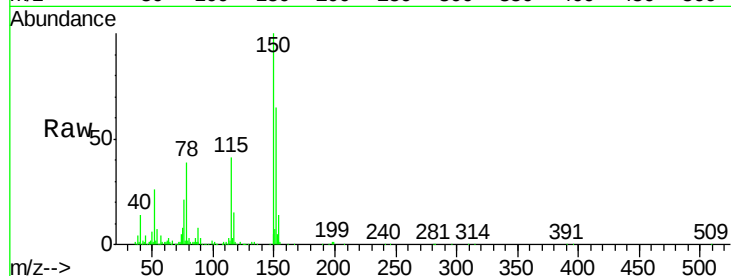
Tot Ion:152 Resp: 98892

Ion Ratio Lower Upper

152 100

150 153.5 144.7 217.1

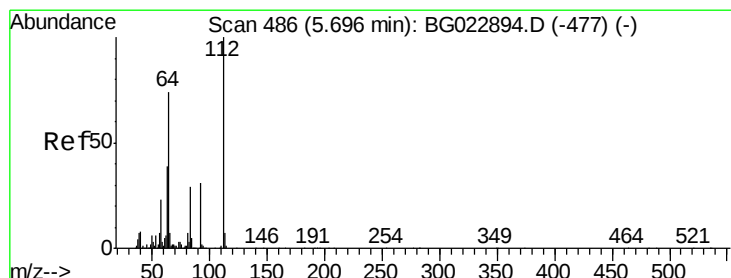
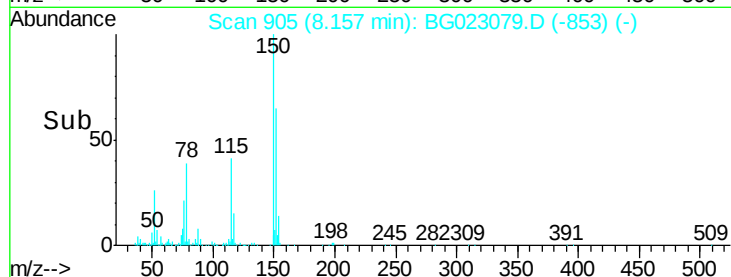
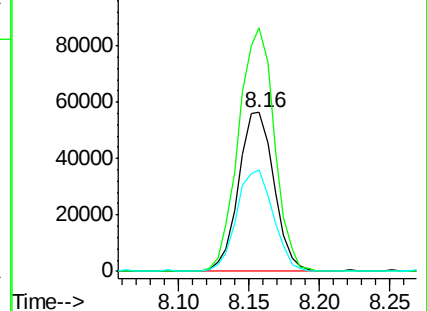
115 63.7 64.0 96.0#



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: 123.72 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG023079.D

Acq: 13 Jul 2016 21:11

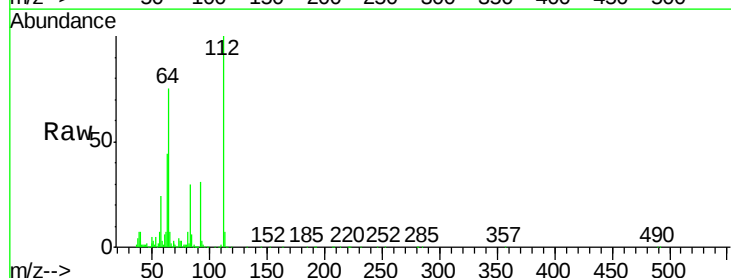
Tgt Ion:112 Resp: 748099

Ion Ratio Lower Upper

112 100

64 75.3 59.0 88.4

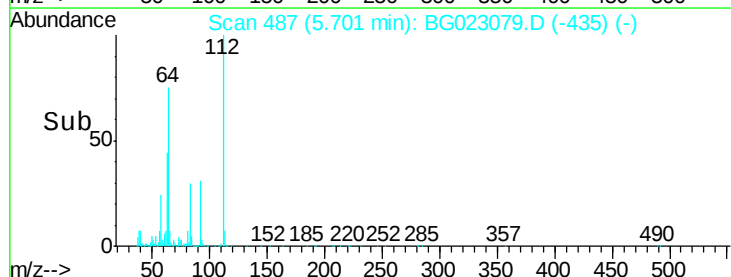
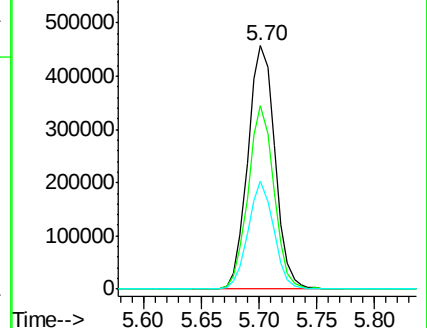
63 44.2 37.8 56.8

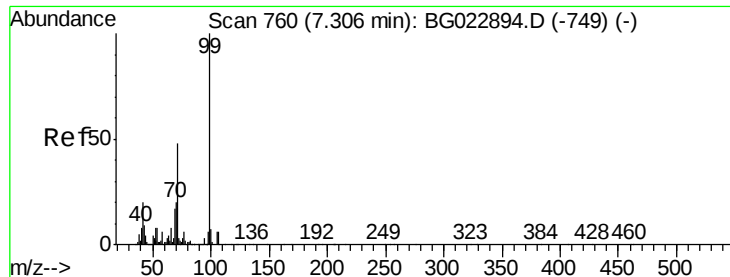


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.26 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023079.D

Acq: 13 Jul 2016 21:11

Instrument :

BNA_G

ClientSampleId :

HSR-WC-58-070716

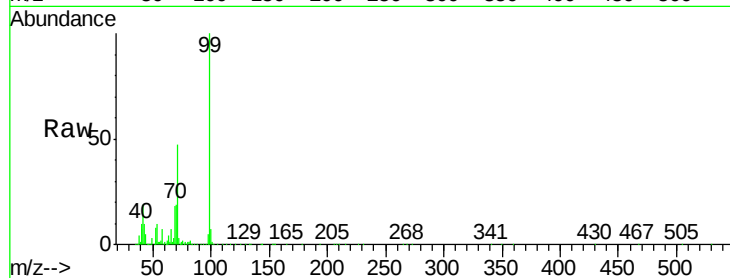
Tot Ion: 99 Resp: 1119939

Ion Ratio Lower Upper

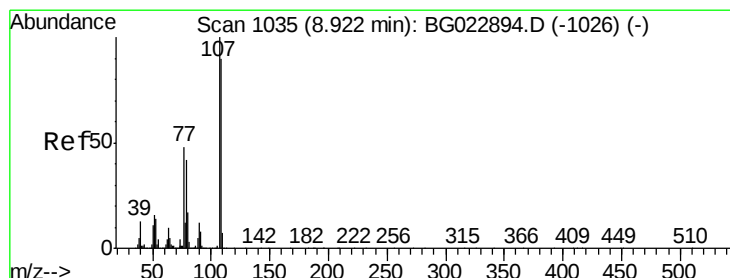
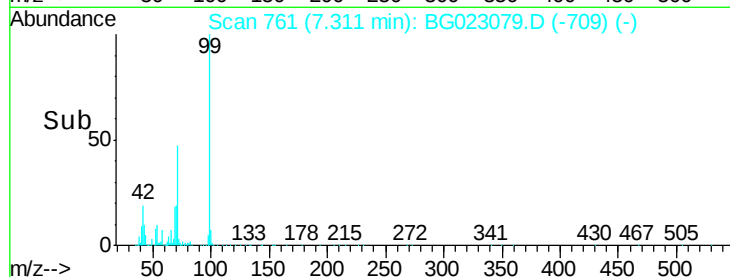
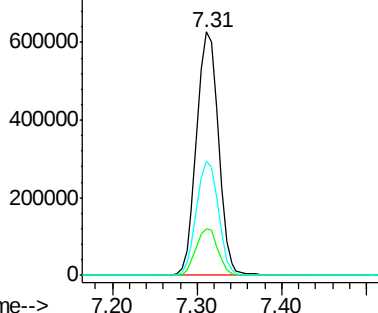
99 100

42 19.4 17.8 26.6

71 47.1 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



#20

3+4-Methylphenols

Concen: 3.74 ng

RT: 8.93 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BG023079.D

Acq: 13 Jul 2016 21:11

Tgt Ion:107 Resp: 33057

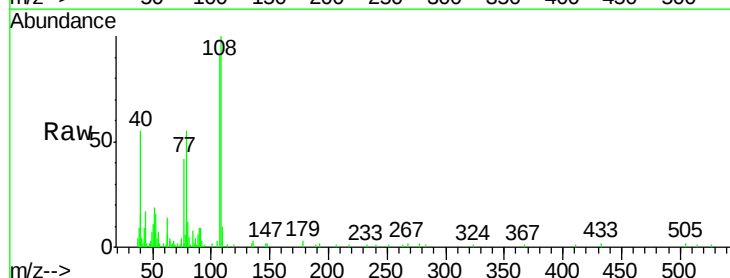
Ion Ratio Lower Upper

107 100

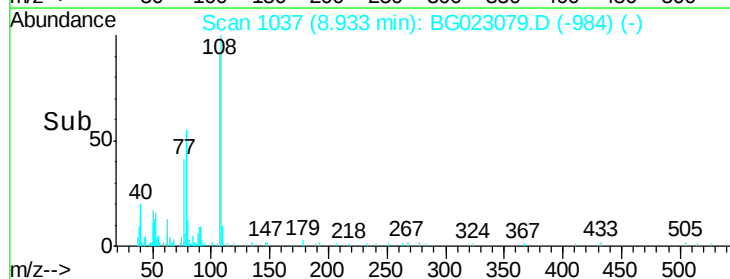
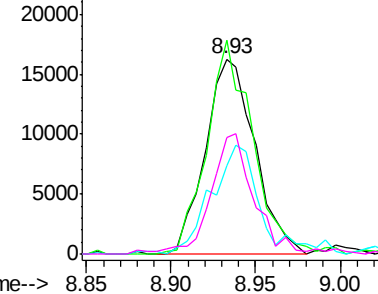
108 109.5 72.5 112.5

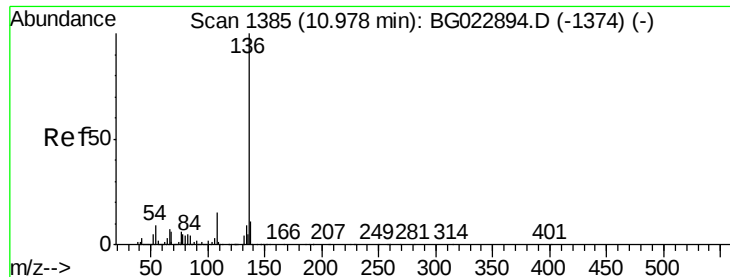
77 45.5 30.1 70.1

79 59.8 24.2 64.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

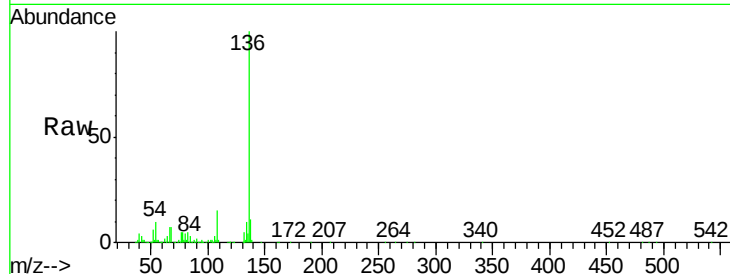




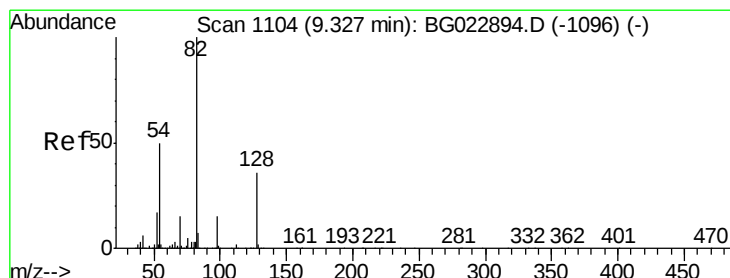
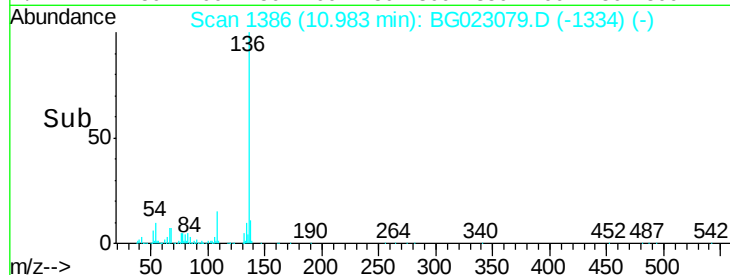
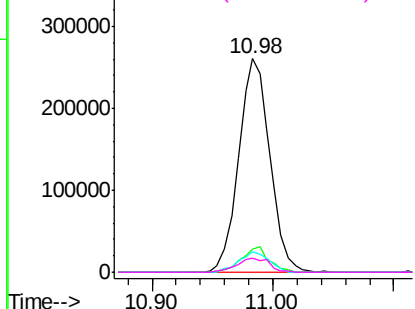
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023079.D
Acq: 13 Jul 2016 21:11

Instrument :
BNA_G
ClientSampleId :
HSR-WC-58-070716

Tot Ion:136	Resp:	466795
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.6 14.4
54	9.9	7.3 10.9
68	6.8	5.3 7.9

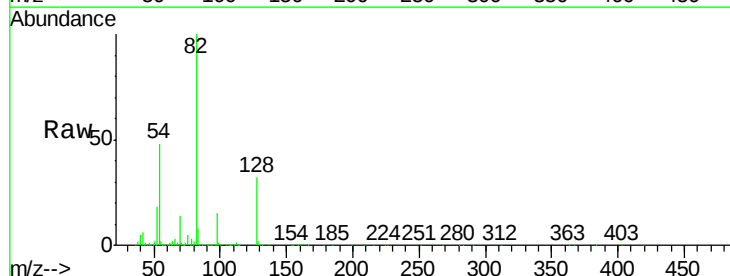


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

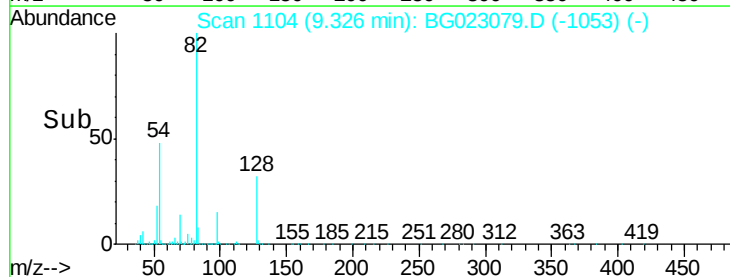
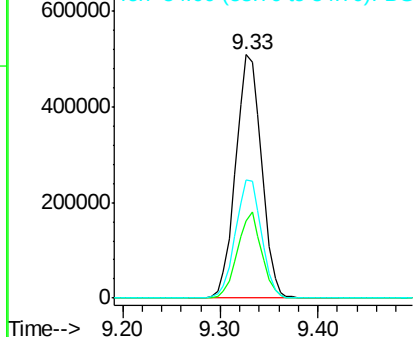


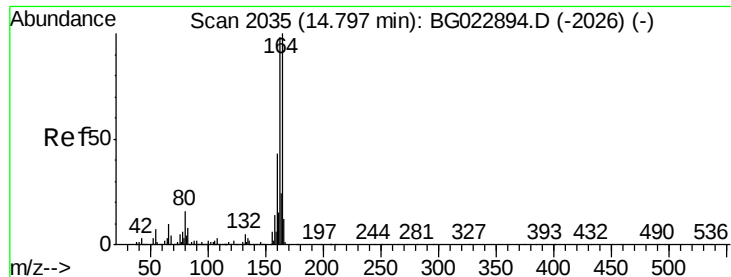
#23
Nitrobenzene-d5
Concen: 85.81 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023079.D
Acq: 13 Jul 2016 21:11

Tgt Ion: 82	Resp:	935447
Ion	Ratio	Lower Upper
82	100	
128	31.6	24.4 36.6
54	48.4	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG023079.D

Acq: 13 Jul 2016 21:11

Instrument :

BNA_G

ClientSampleId :

HSR-WC-58-070716

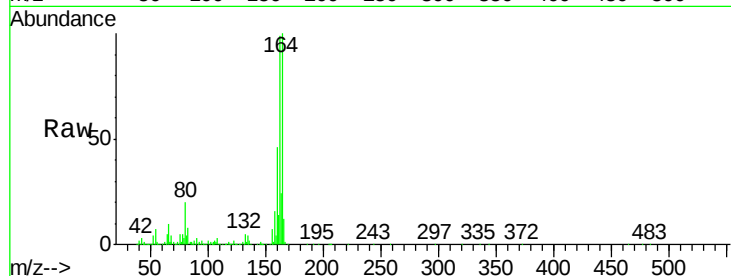
Tot Ion:164 Resp: 382143

Ion Ratio Lower Upper

164 100

162 99.2 87.7 131.5

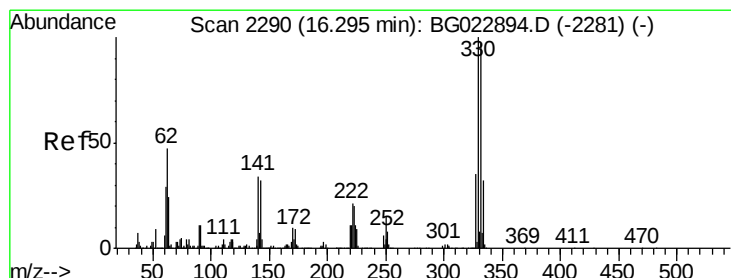
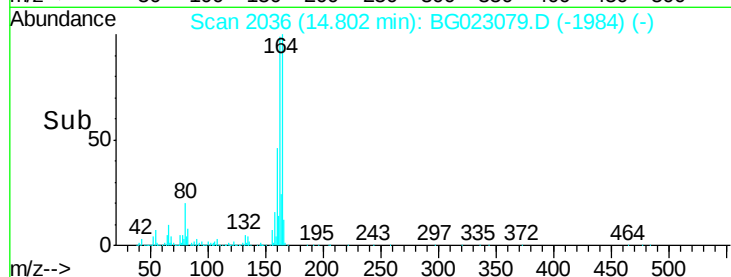
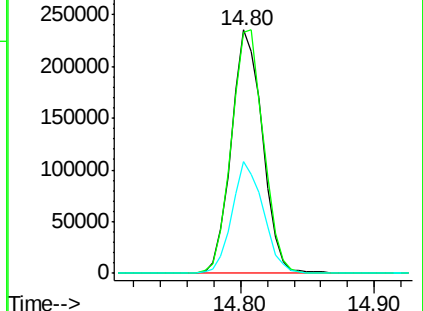
160 46.1 37.2 55.8



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: 106.20 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.01 min

Lab File: BG023079.D

Acq: 13 Jul 2016 21:11

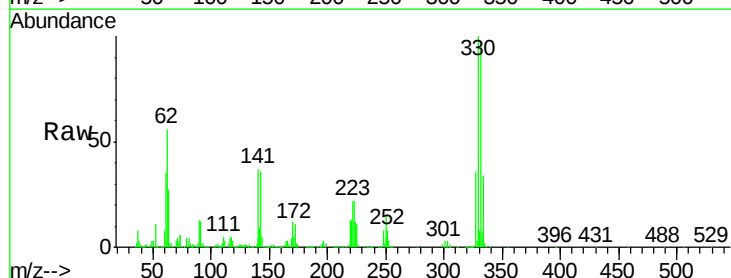
Tgt Ion:330 Resp: 729354

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

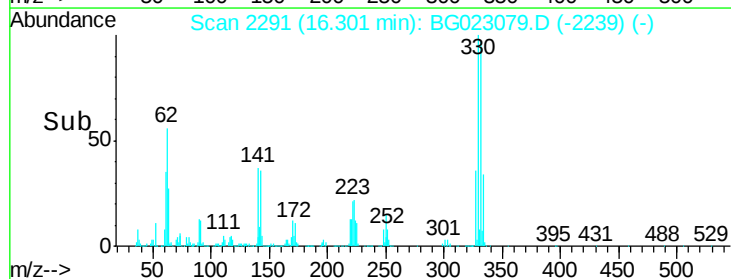
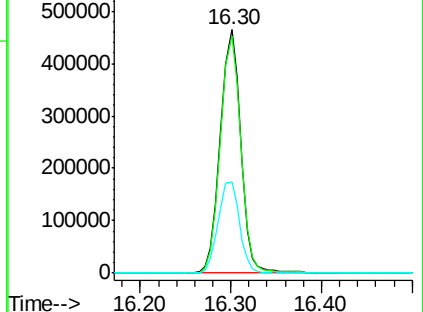
141 38.9 31.7 47.5

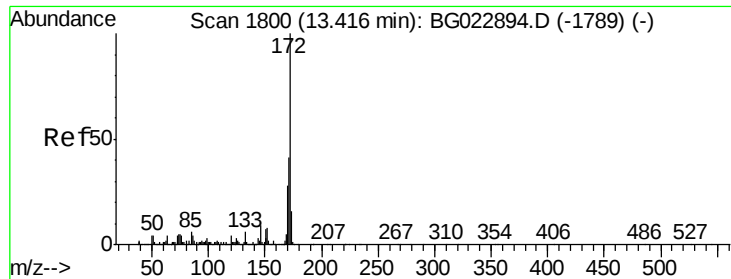


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

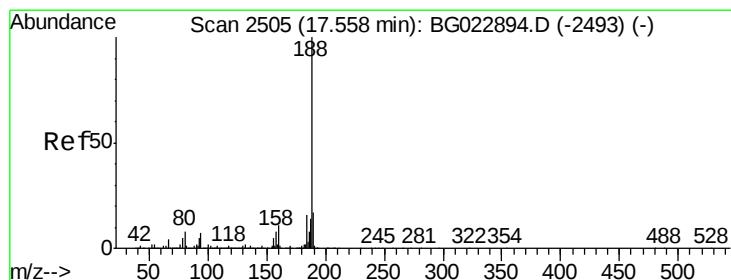
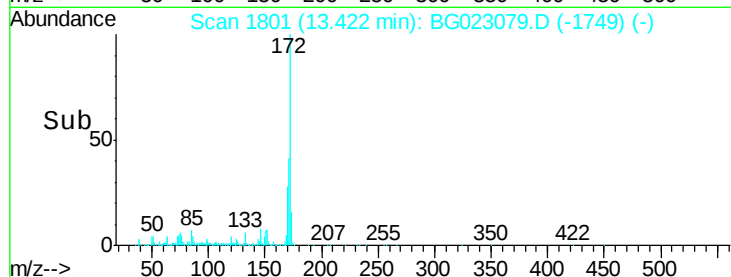
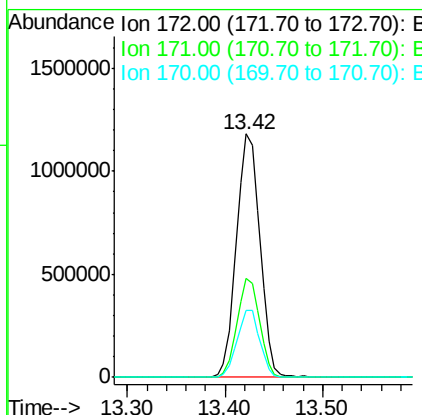
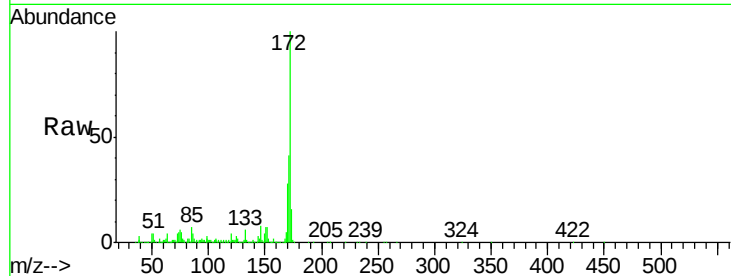




#44
2-Fluorobiphenyl
Concen: 81.80 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG023079.D
Acq: 13 Jul 2016 21:11

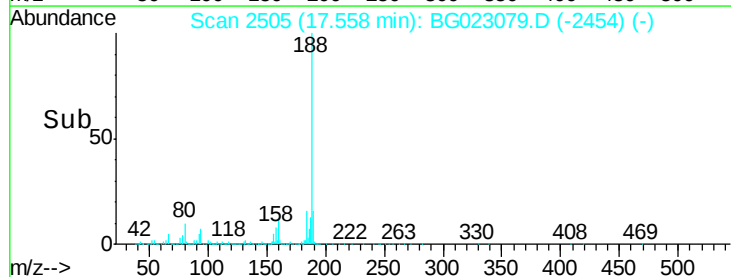
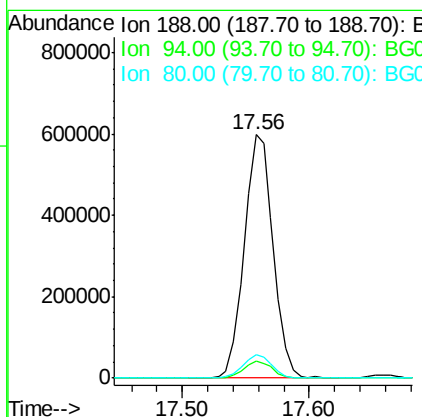
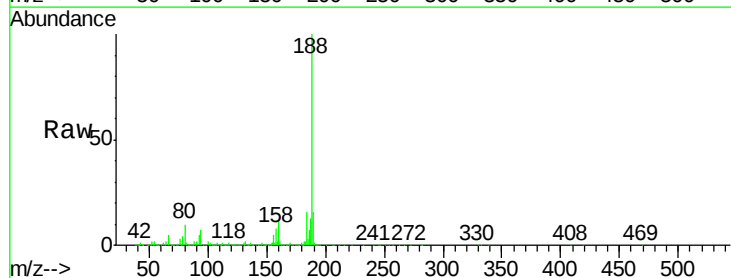
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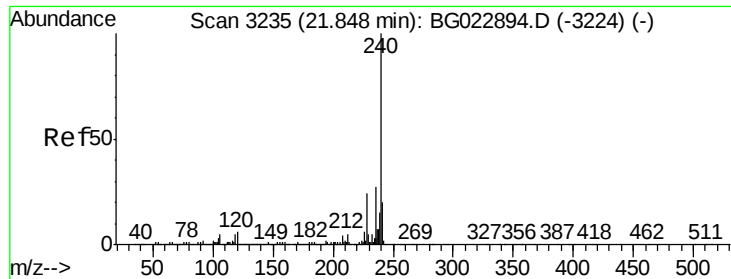
Tot Ion:172 Resp: 1984513
Ion Ratio Lower Upper
172 100
171 40.8 31.6 47.4
170 27.5 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023079.D
Acq: 13 Jul 2016 21:11

Tgt Ion:188 Resp: 939818
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 9.8 7.2 10.8

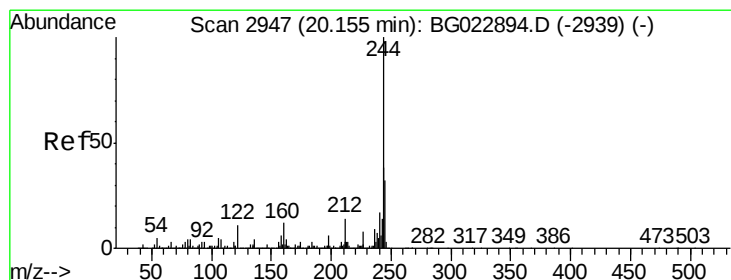
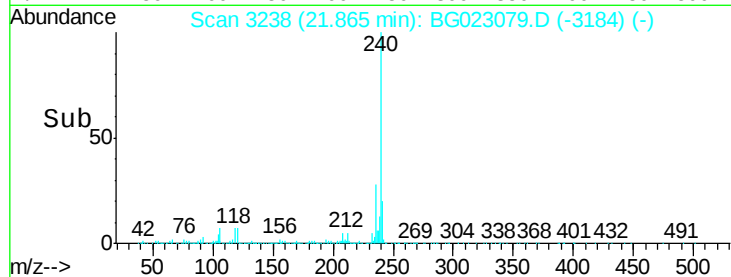
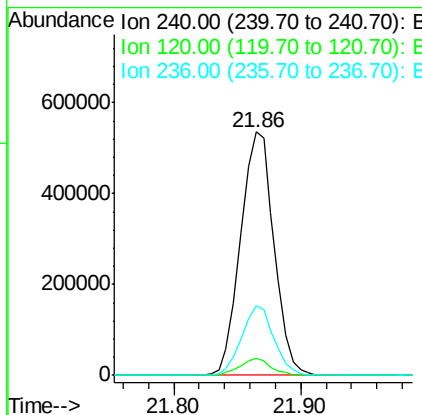
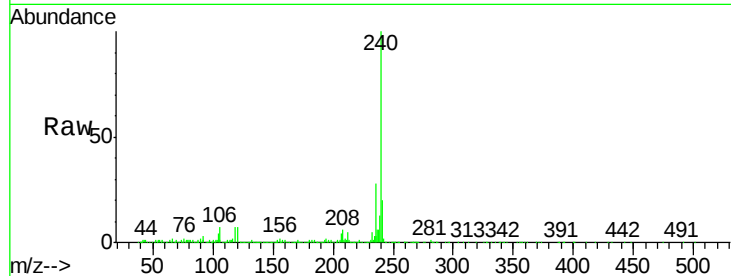




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.02 min
 Lab File: BG023079.D
 Acq: 13 Jul 2016 21:11

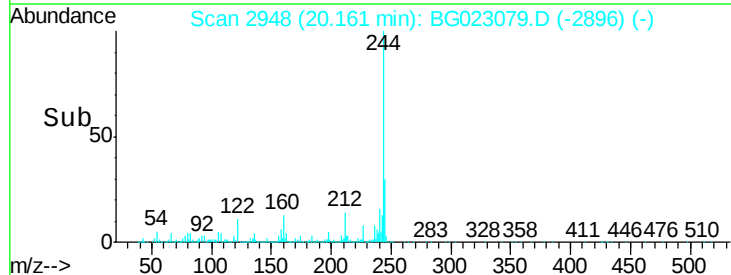
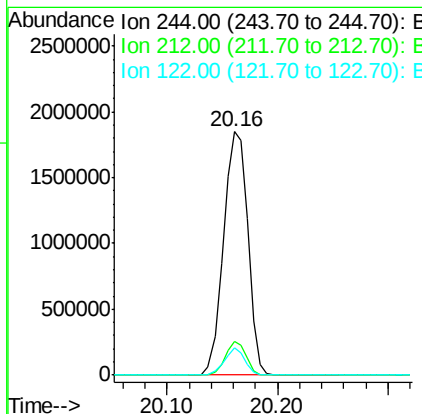
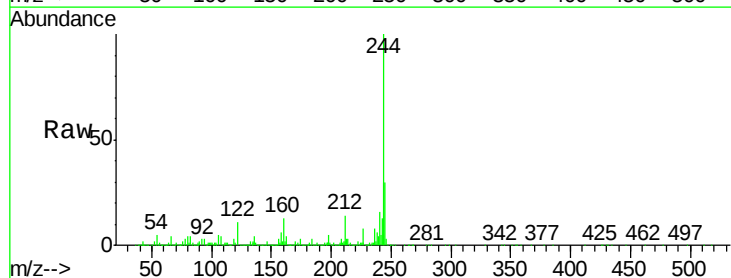
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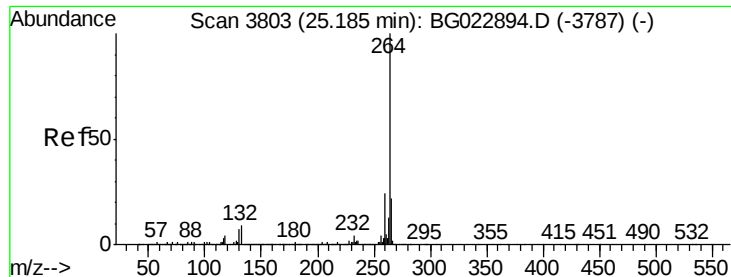
Tot Ion:240 Resp: 976347
 Ion Ratio Lower Upper
 240 100
 120 6.9 4.1 6.1#
 236 28.5 21.1 31.7



#78
 Terphenyl-d14
 Concen: 98.17 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.01 min
 Lab File: BG023079.D
 Acq: 13 Jul 2016 21:11

Tgt Ion:244 Resp: 2849125
 Ion Ratio Lower Upper
 244 100
 212 13.7 10.8 16.2
 122 11.2 8.0 12.0

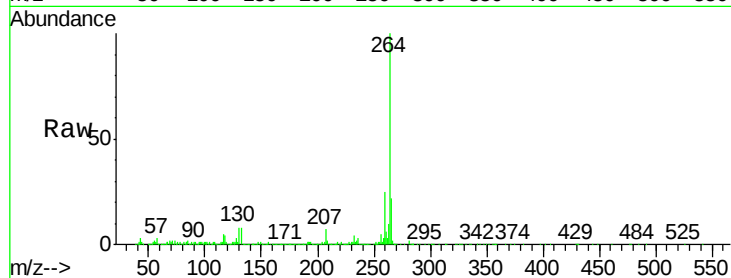




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3814
 Delta R.T. 0.06 min
 Lab File: BG023079.D
 Acq: 13 Jul 2016 21:11

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-58-070716

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.4	27.6
265	21.7	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

