

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023053.D
 Acq On : 13 Jul 2016 2:47
 Operator : UM/SJ
 Sample : H3980-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-070716

Quant Time: Jul 13 04:26:27 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	8.15	152	91811	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	466556	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	376354	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	868633	20.00	ng	0.00
75) Chrysene-d12	21.86	240	936587	20.00	ng	0.02
86) Perylene-d12	25.25	264	946381	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	460064	81.96	ng	0.00
7) Phenol-d6	7.30	99	494506	56.24	ng	0.00
23) Nitrobenzene-d5	9.32	82	1058785	97.17	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	785858	116.18	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2245618	93.98	ng	0.00
78) Terphenyl-d14	20.16	244	3066207	124.01	ng	0.00

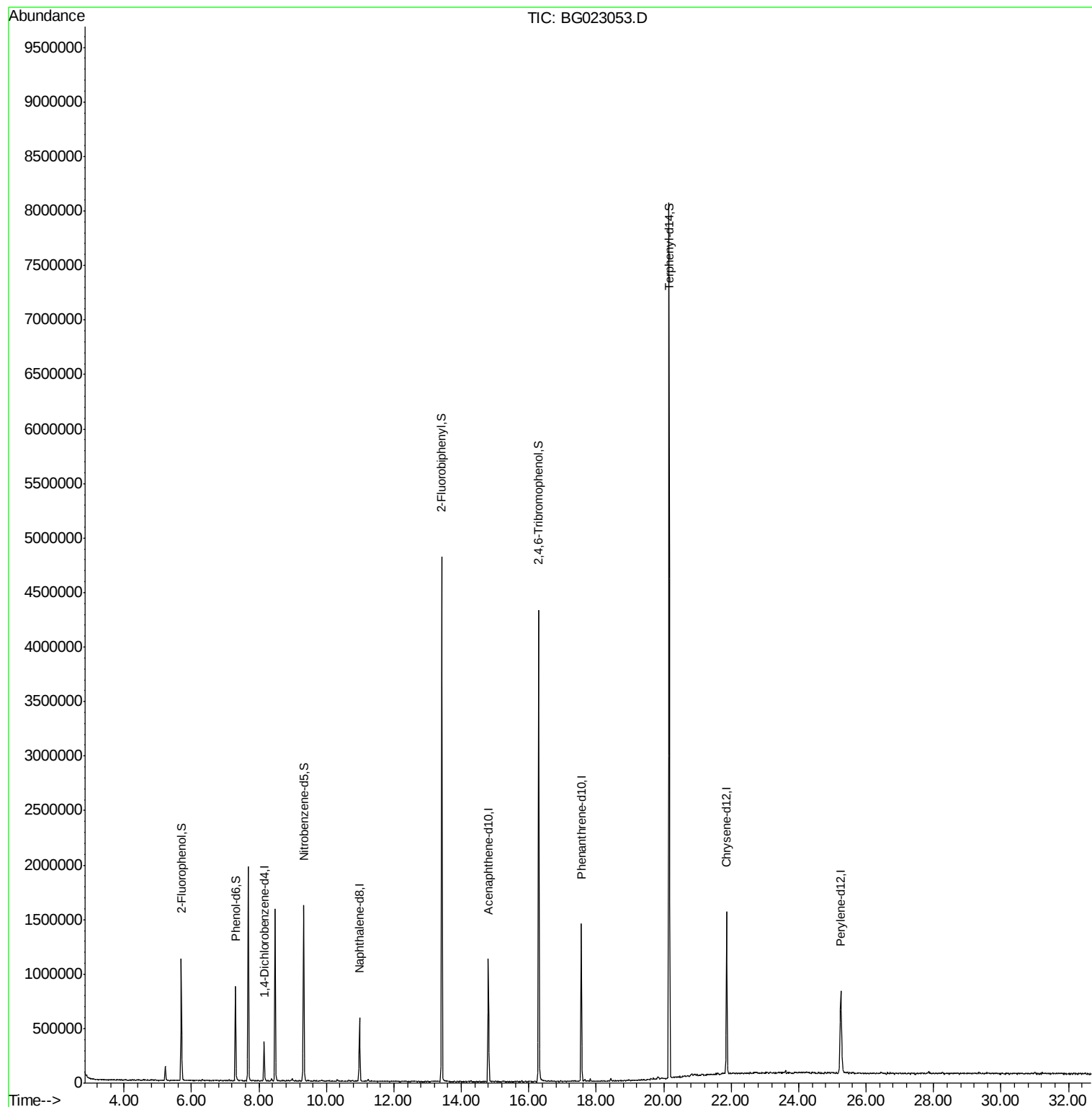
Target Compounds Qvalue

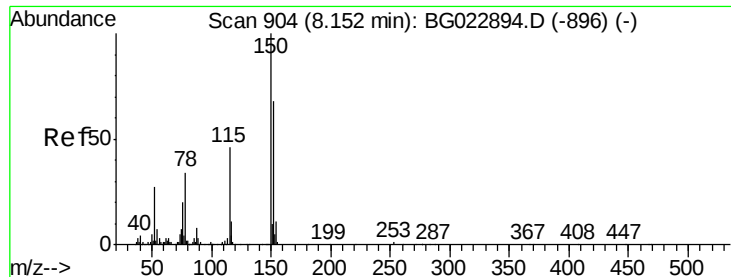
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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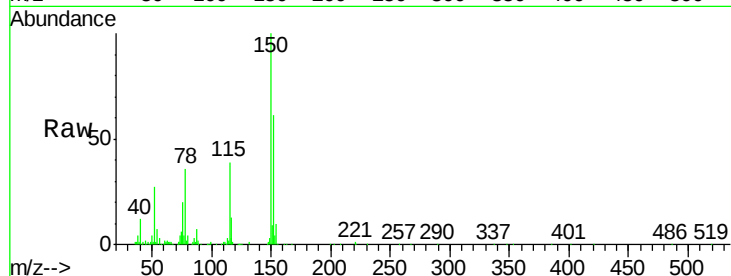


#1

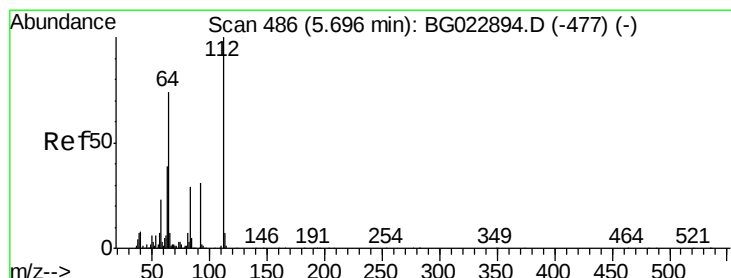
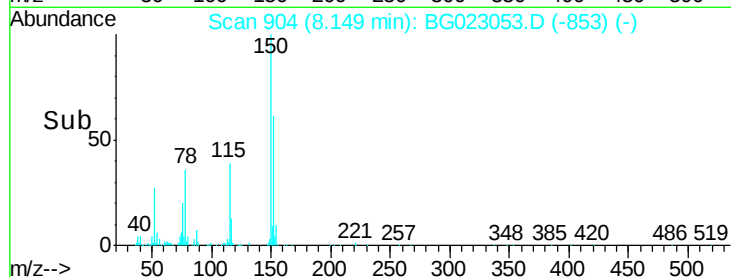
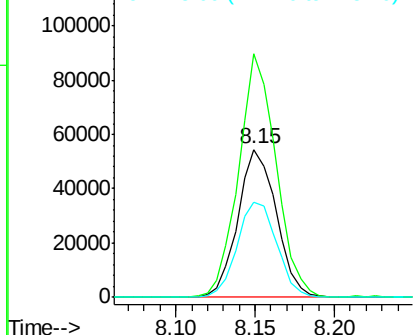
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023053.D
Acq: 13 Jul 2016 2:47

Instrument :
BNA_G
ClientSampleId :
FB-070716

Tot Ion:152 Resp: 91811
Ion Ratio Lower Upper
152 100
150 164.6 144.7 217.1
115 64.7 64.0 96.0



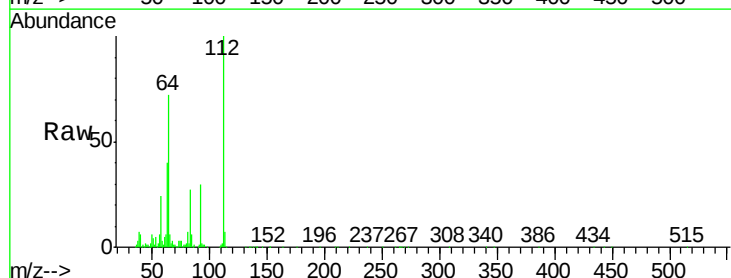
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



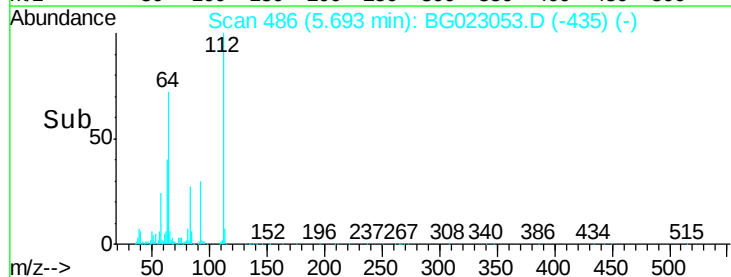
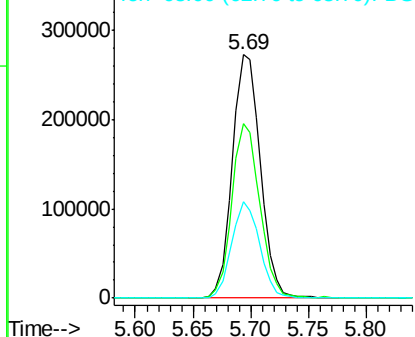
#5

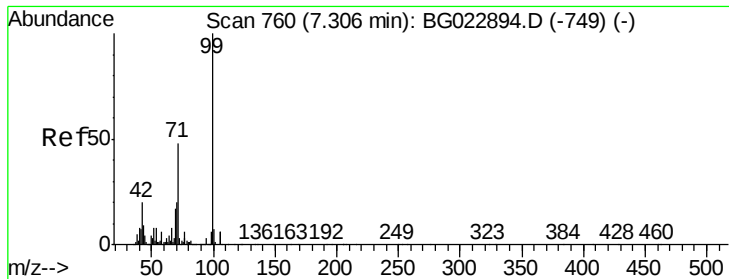
2-Fluorophenol
Concen: 81.96 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.00 min
Lab File: BG023053.D
Acq: 13 Jul 2016 2:47

Tgt Ion:112 Resp: 460064
Ion Ratio Lower Upper
112 100
64 71.8 59.0 88.4
63 39.6 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: 56.24 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023053.D

Acq: 13 Jul 2016 2:47

Instrument :

BNA_G

ClientSampleId :

FB-070716

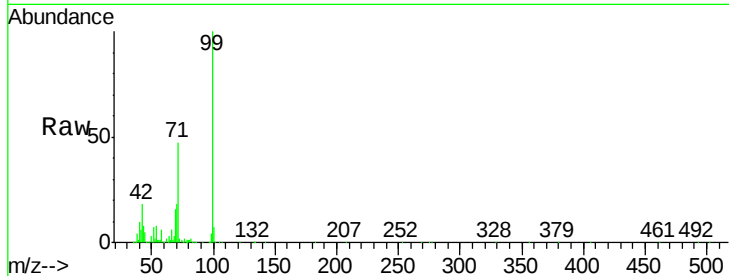
Tot Ion: 99 Resp: 494506

Ion Ratio Lower Upper

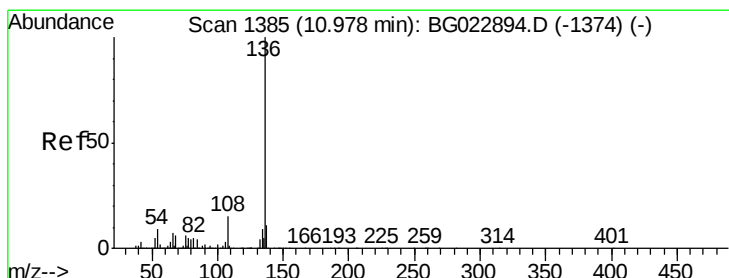
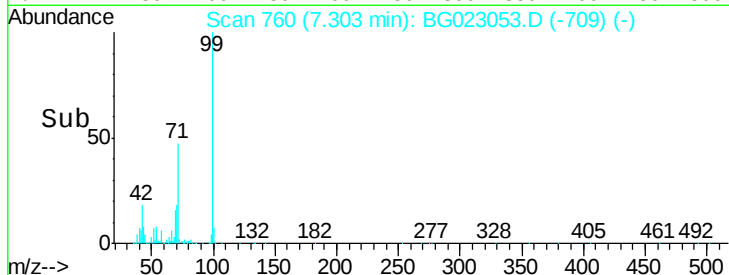
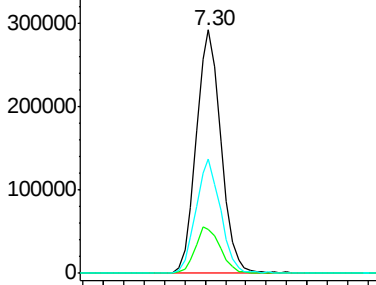
99 100

42 18.3 17.8 26.6

71 46.9 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: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023053.D

Acq: 13 Jul 2016 2:47

Tgt Ion: 136 Resp: 466556

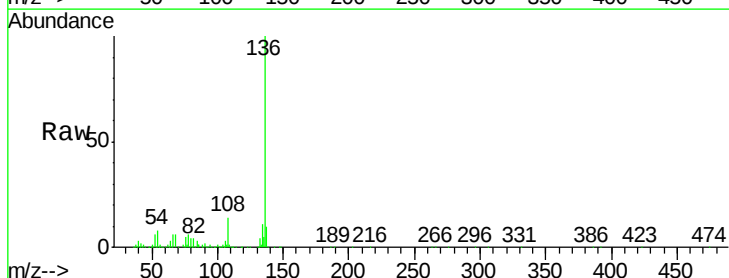
Ion Ratio Lower Upper

136 100

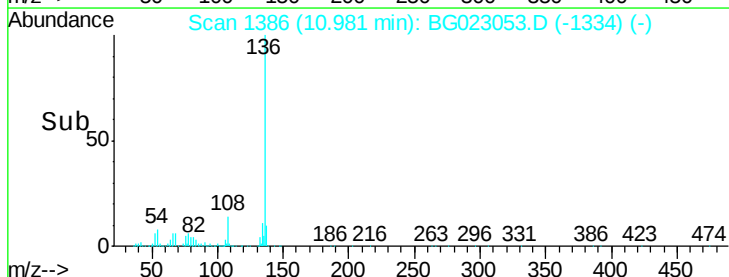
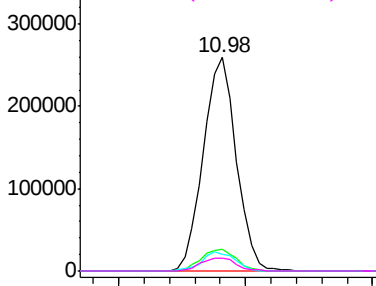
137 10.1 9.6 14.4

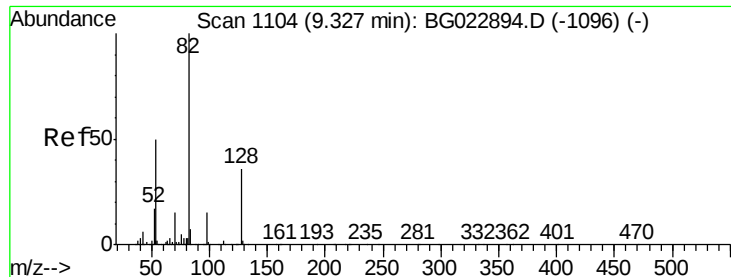
54 7.7 7.3 10.9

68 6.0 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

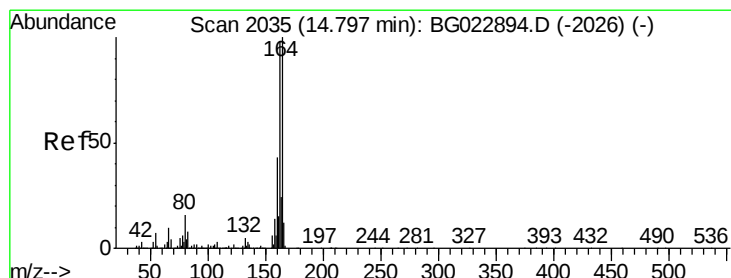
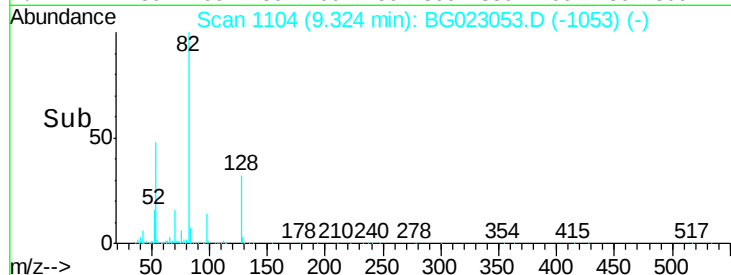
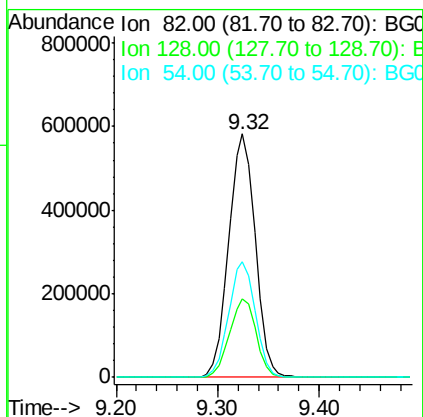
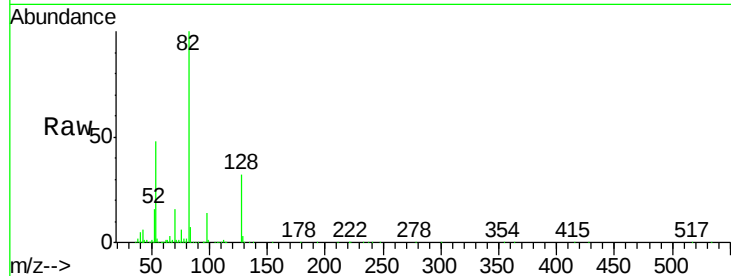




#23
Nitrobenzene-d5
Concen: 97.17 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023053.D
Acq: 13 Jul 2016 2:47

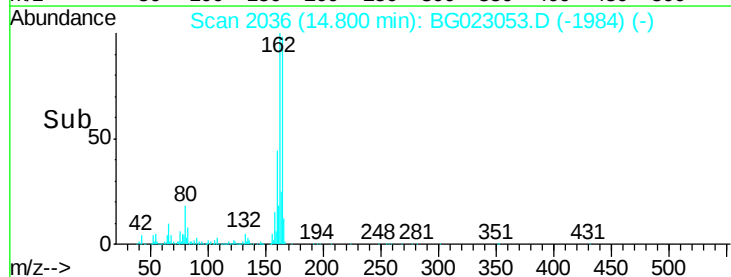
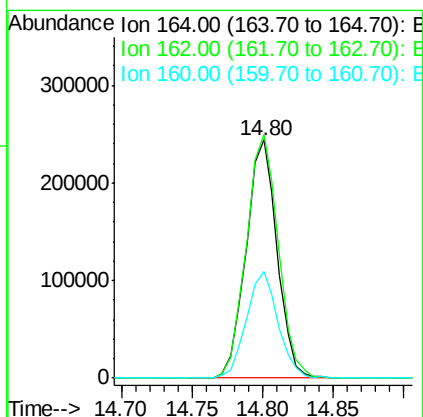
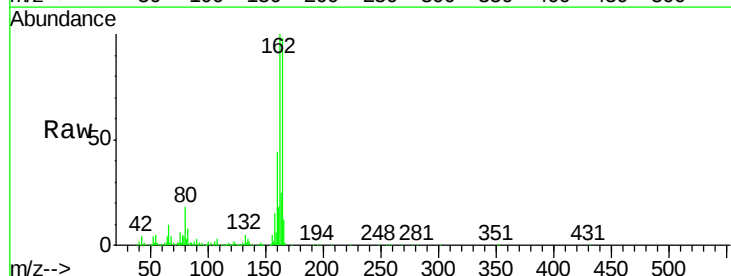
Instrument :
BNA_G
ClientSampleId :
FB-070716

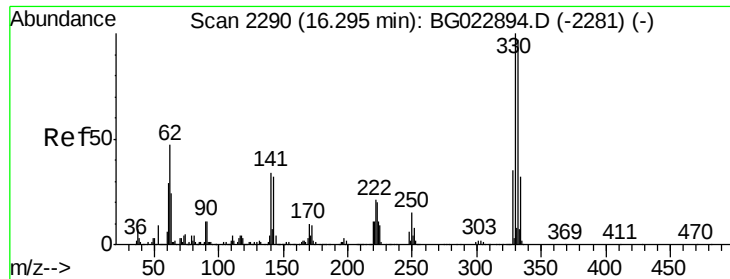
Tot Ion: 82 Resp: 1058785
Ion Ratio Lower Upper
82 100
128 32.3 24.4 36.6
54 47.7 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG023053.D
Acq: 13 Jul 2016 2:47

Tgt Ion: 164 Resp: 376354
Ion Ratio Lower Upper
164 100
162 102.1 87.7 131.5
160 44.7 37.2 55.8

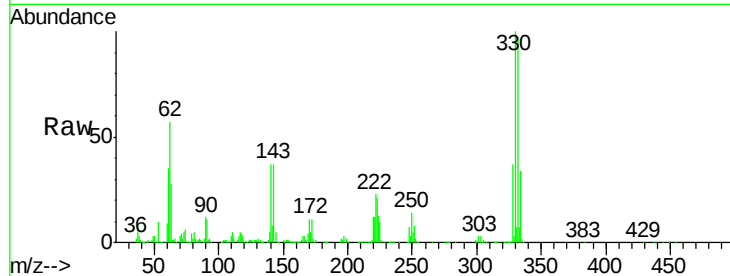




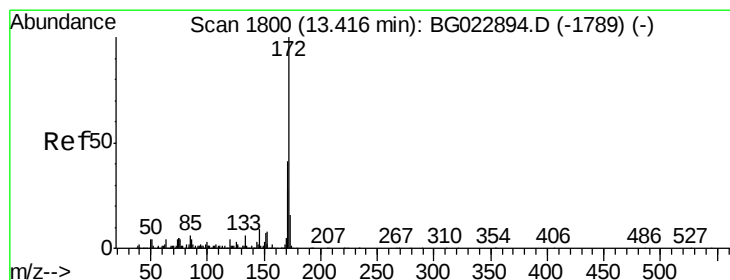
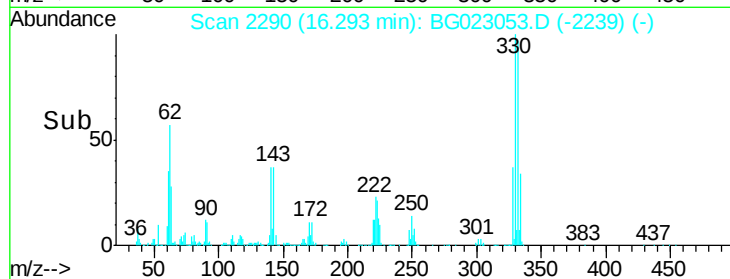
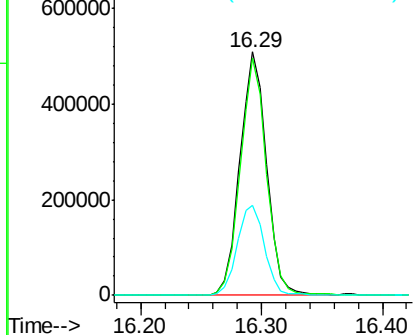
#41
 2,4,6-Tribromophenol
 Concen: 116.18 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023053.D
 Acq: 13 Jul 2016 2:47

Instrument :
 BNA_G
 ClientSampleId :
 FB-070716

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	38.4	31.7	47.5

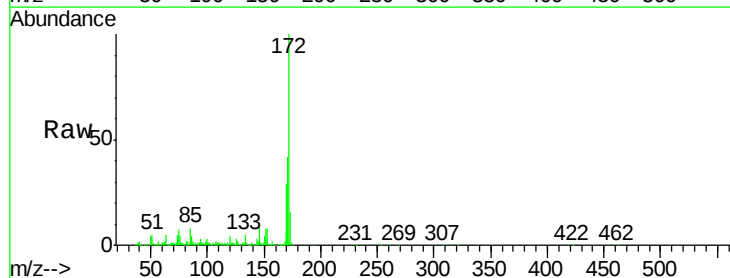


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

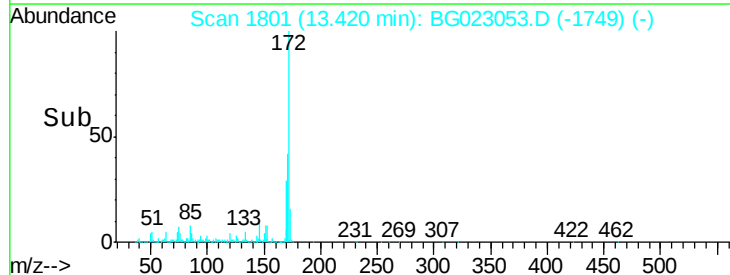
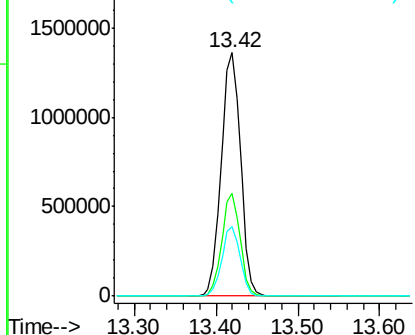


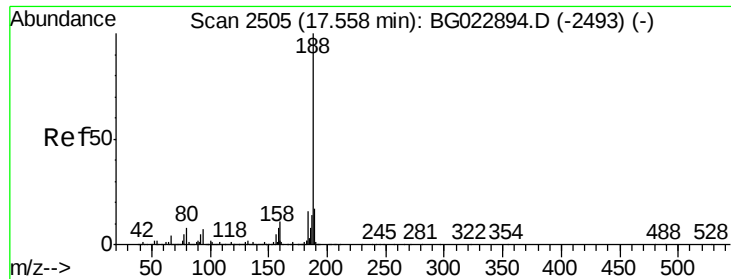
#44
 2-Fluorobiphenyl
 Concen: 93.98 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023053.D
 Acq: 13 Jul 2016 2:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.3	31.6	47.4
170	28.6	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: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023053.D

Acq: 13 Jul 2016 2:47

Instrument :

BNA_G

ClientSampleId :

FB-070716

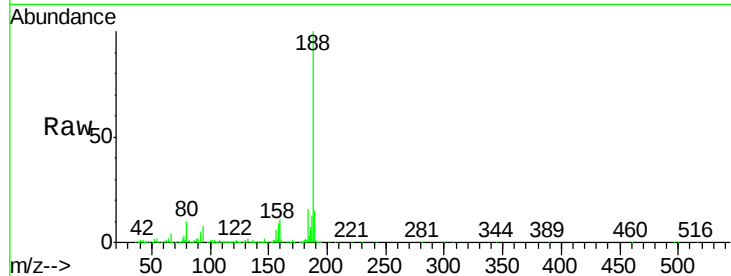
Tot Ion:188 Resp: 868633

Ion Ratio Lower Upper

188 100

94 8.1 5.2 7.8#

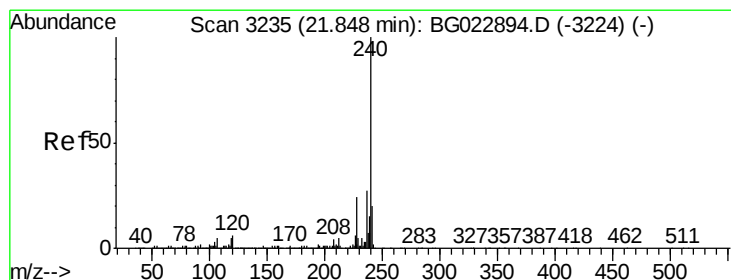
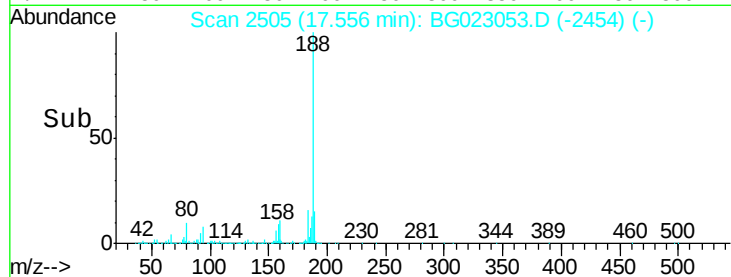
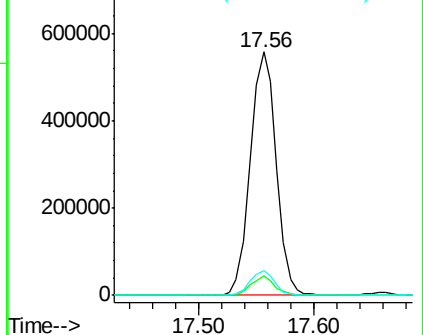
80 10.0 7.2 10.8



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: 21.86 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023053.D

Acq: 13 Jul 2016 2:47

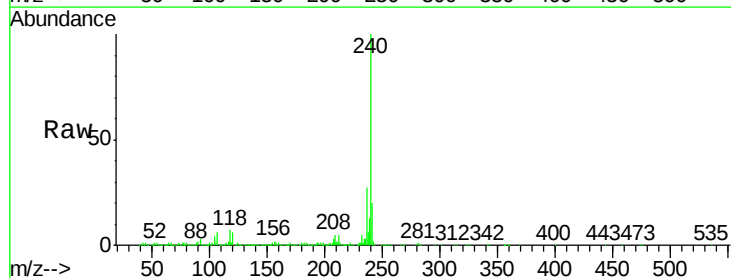
Tgt Ion:240 Resp: 936587

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

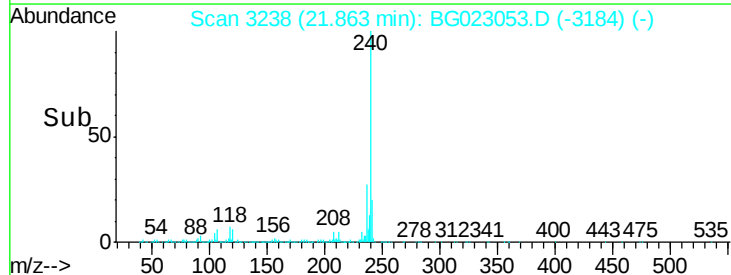
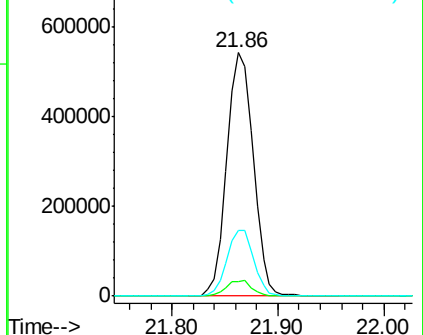
236 26.8 21.1 31.7

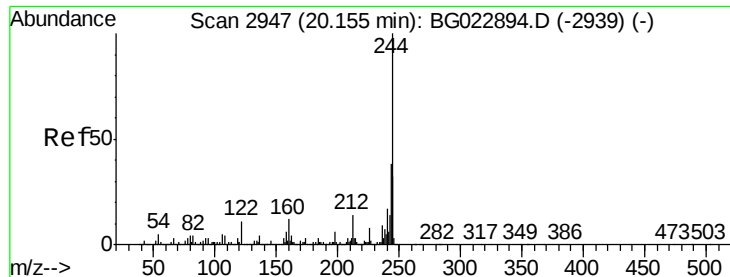


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 124.01 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023053.D

Acq: 13 Jul 2016 2:47

Instrument :

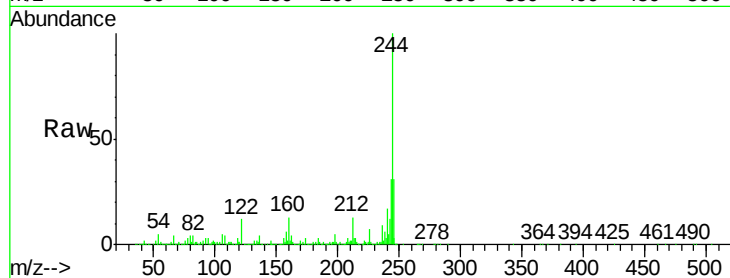
BNA_G

ClientSampleId :

FB-070716

Tot Ion:244 Resp: 3066207

Ion	Ratio	Lower	Upper
244	100		
212	13.4	10.8	16.2
122	11.6	8.0	12.0

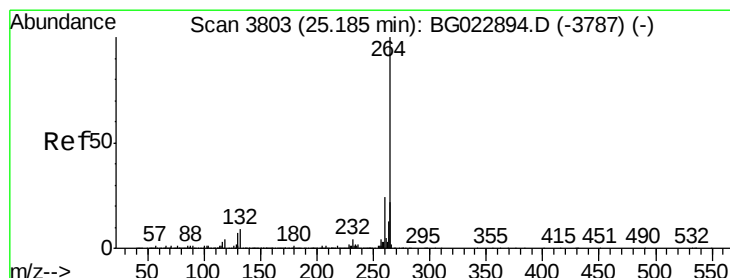
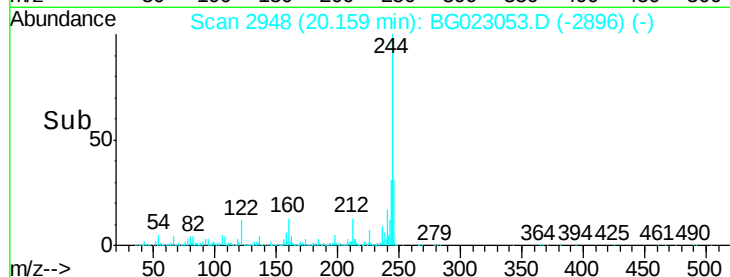
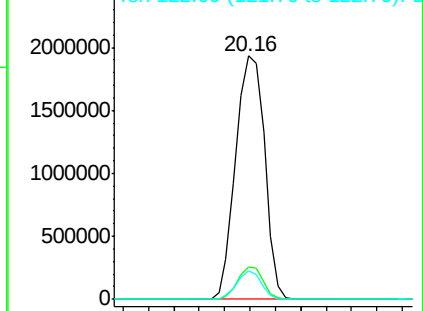


Abundance

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: 25.25 min Scan# 3815

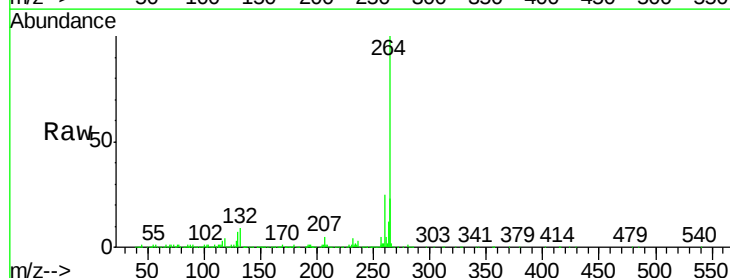
Delta R.T. 0.07 min

Lab File: BG023053.D

Acq: 13 Jul 2016 2:47

Tgt Ion:264 Resp: 946381

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	22.6	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

