

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023134.D
 Acq On : 16 Jul 2016 6:17
 Operator : UM/SJ
 Sample : H3989-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Q7-B3(6-12)C

Quant Time: Jul 18 01:00:23 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

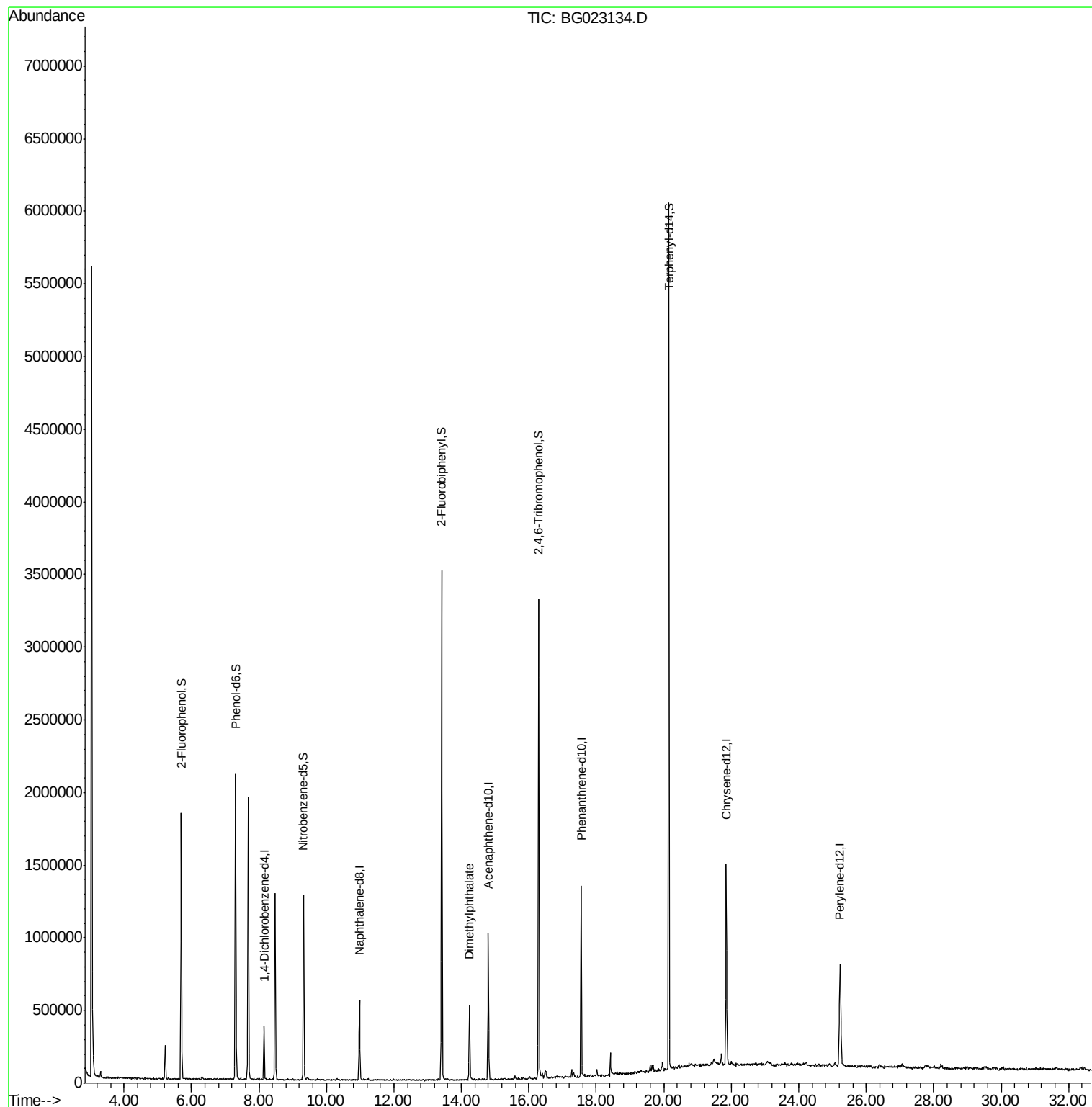
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	89987	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	427018	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	339027	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	799630	20.00	ng	0.00
75) Chrysene-d12	21.85	240	863779	20.00	ng	0.00
86) Perylene-d12	25.23	264	869520	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	708454	128.76	ng	0.00
7) Phenol-d6	7.31	99	1131015	131.25	ng	0.00
23) Nitrobenzene-d5	9.32	82	848335	85.07	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	584719	95.96	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1720289	79.93	ng	0.00
78) Terphenyl-d14	20.15	244	2280125	82.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	329614	11.90	ng	Qvalue 98

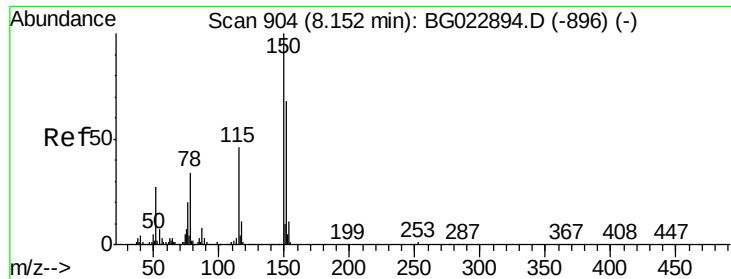
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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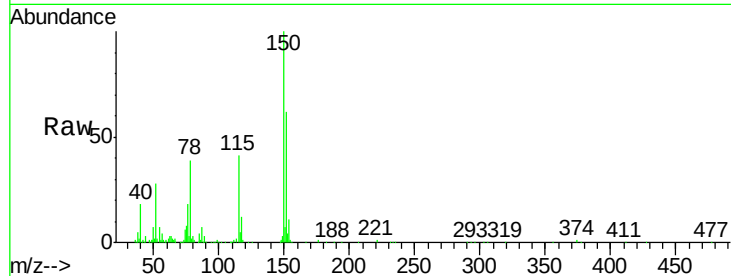


#1

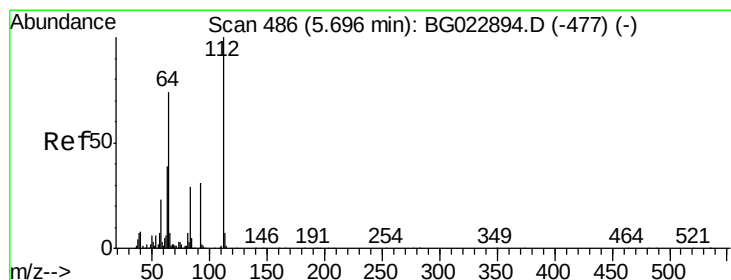
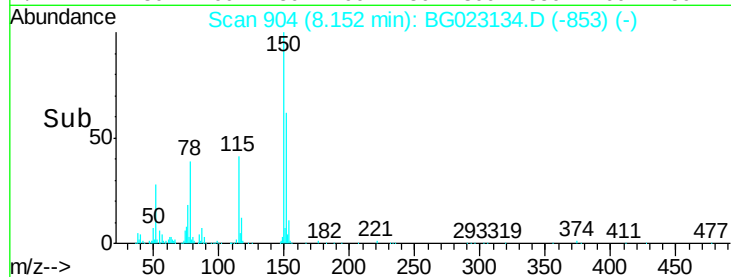
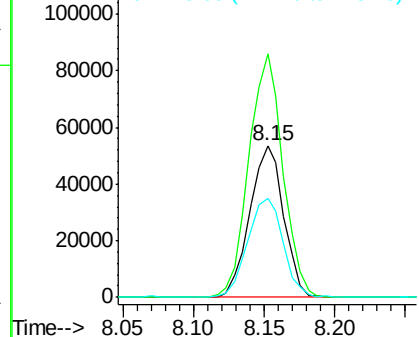
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG023134.D
Acq: 16 Jul 2016 6:17

Instrument :
BNA_G
ClientSampleId :
Q7-B3(6-12)C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.4	144.7	217.1
115	65.6	64.0	96.0



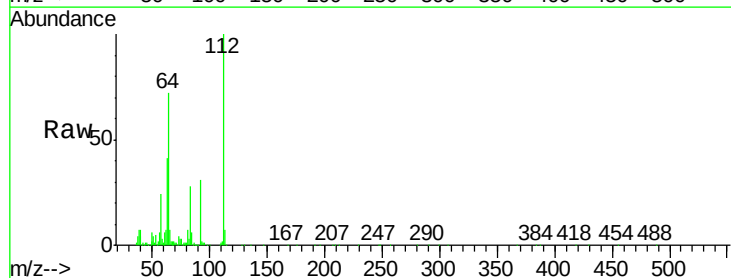
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



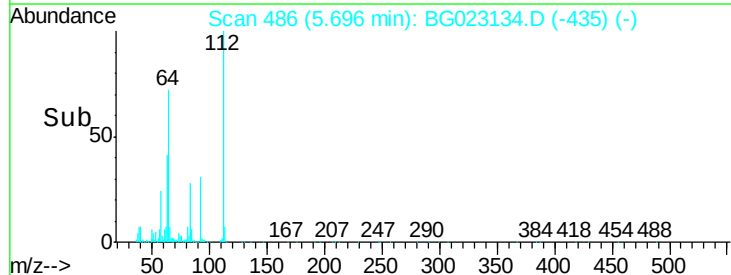
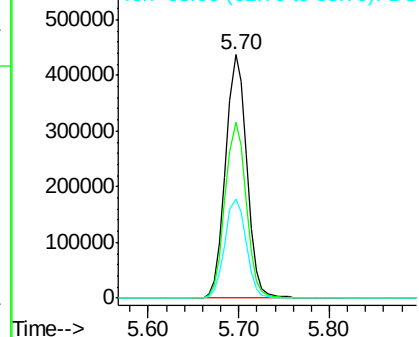
#5

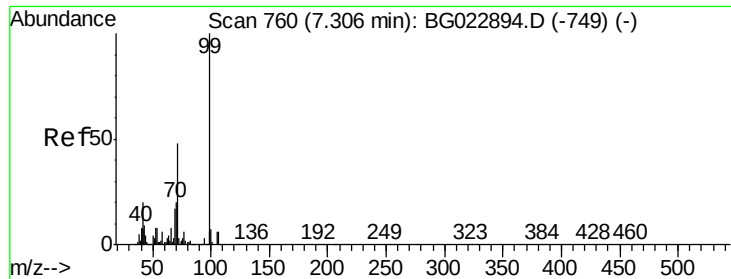
2-Fluorophenol
Concen: 128.76 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG023134.D
Acq: 16 Jul 2016 6:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	59.0	88.4
63	40.7	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: 131.25 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023134.D

Acq: 16 Jul 2016 6:17

Instrument :

BNA_G

ClientSampleId :

Q7-B3(6-12)C

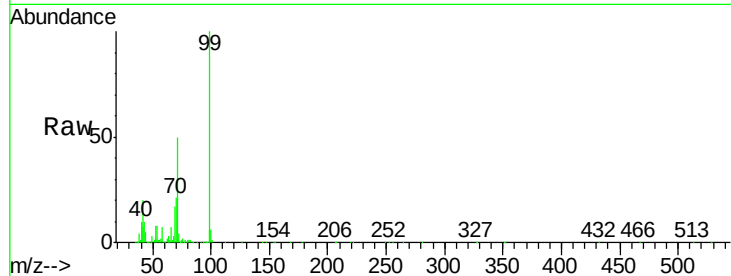
Tgt Ion: 99 Resp: 1131015

Ion Ratio Lower Upper

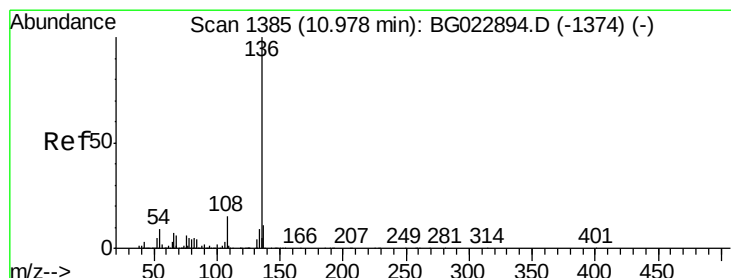
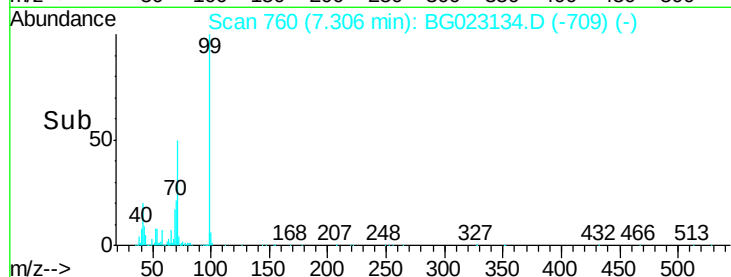
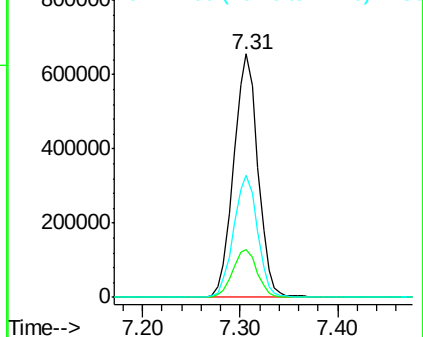
99 100

42 19.9 17.8 26.6

71 50.3 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# 1385

Delta R.T. 0.00 min

Lab File: BG023134.D

Acq: 16 Jul 2016 6:17

Tgt Ion: 136 Resp: 427018

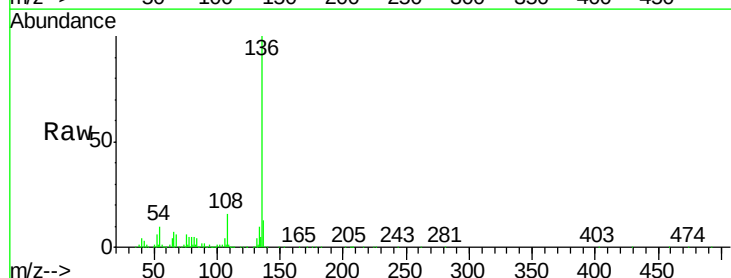
Ion Ratio Lower Upper

136 100

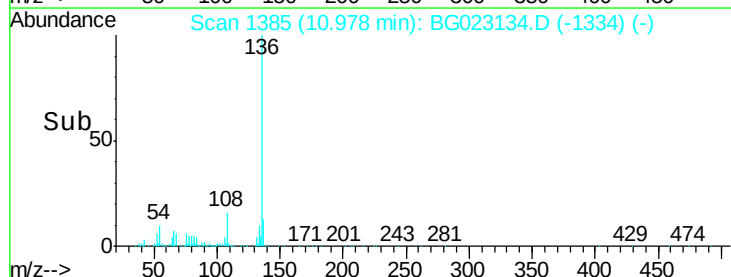
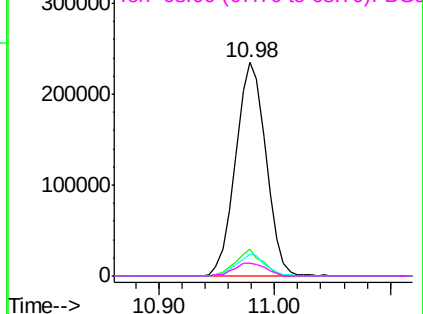
137 12.5 9.6 14.4

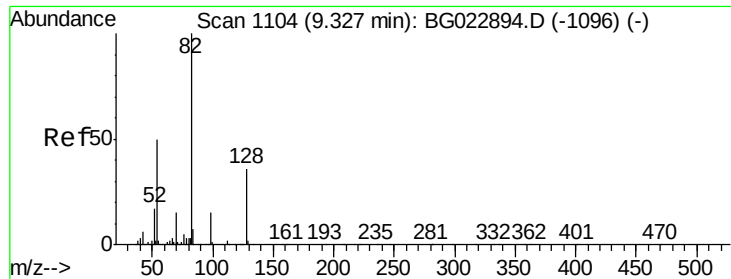
54 10.1 7.3 10.9

68 5.8 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

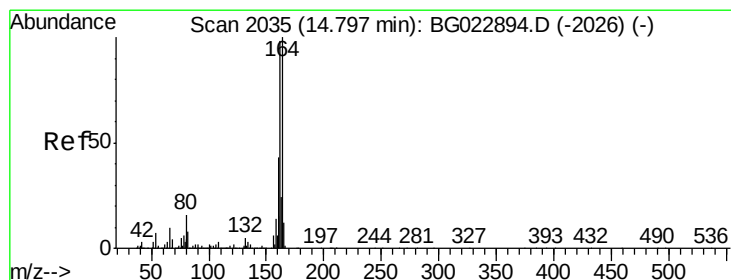
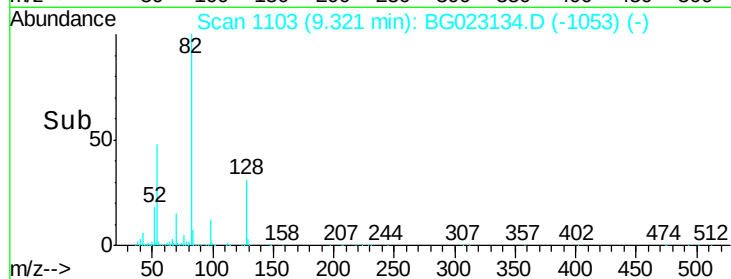
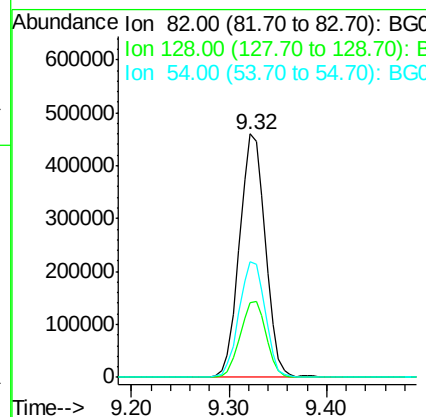
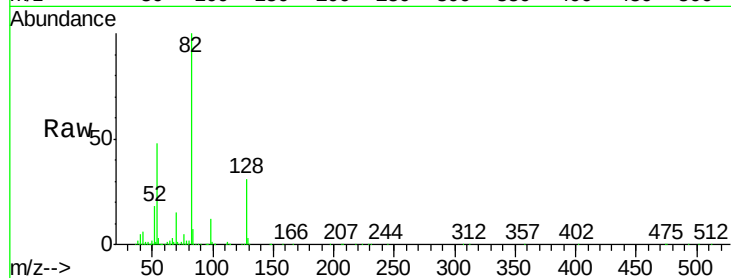




#23
 Nitrobenzene-d5
 Concen: 85.07 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG023134.D
 Acq: 16 Jul 2016 6:17

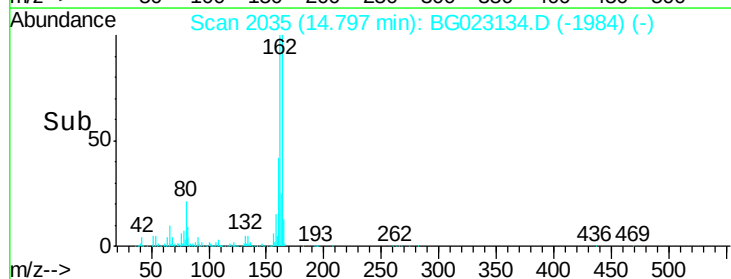
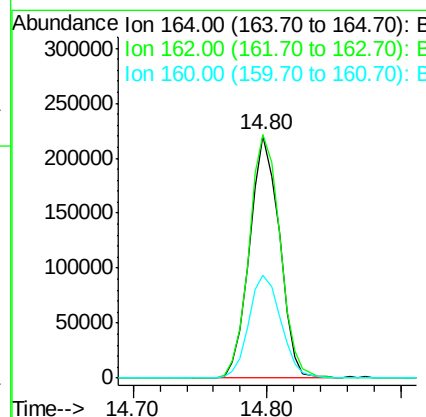
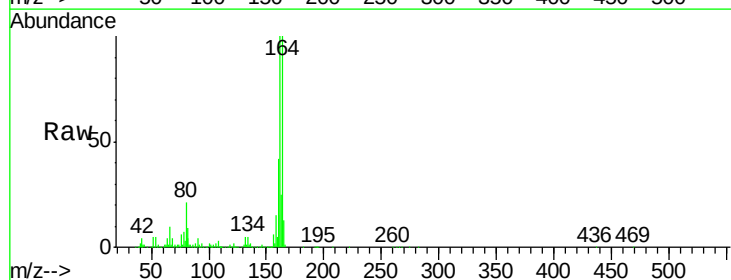
Instrument :
 BNA_G
 ClientSampleId :
 Q7-B3(6-12)C

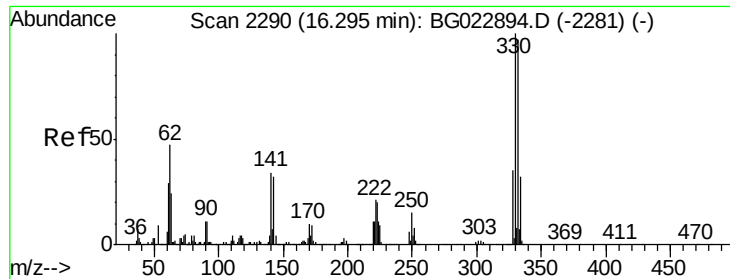
Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.6	24.4	36.6
54	47.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG023134.D
 Acq: 16 Jul 2016 6:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	87.7	131.5
160	42.1	37.2	55.8

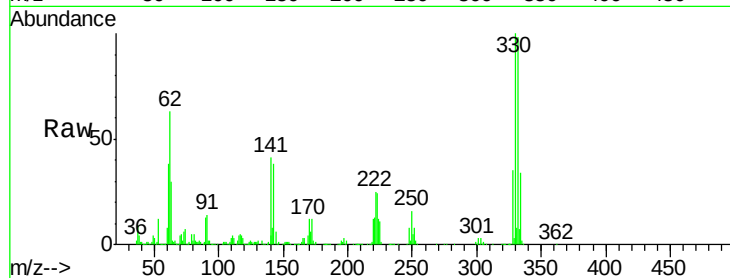




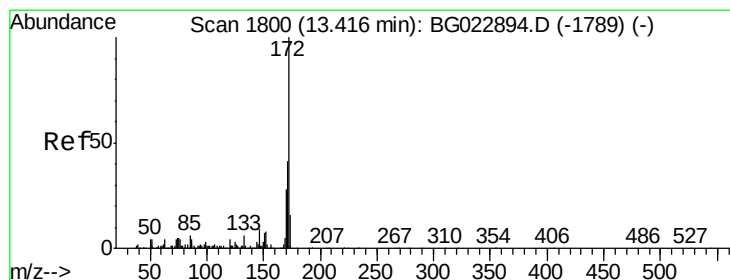
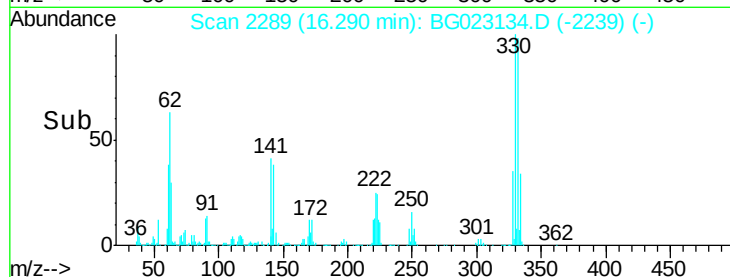
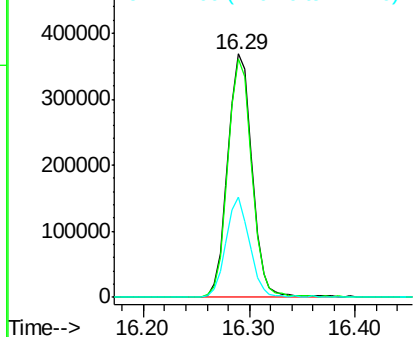
#41
 2,4,6-Tribromophenol
 Concen: 95.96 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG023134.D
 Acq: 16 Jul 2016 6:17

Instrument :
 BNA_G
 ClientSampleId :
 Q7-B3(6-12)C

Tgt Ion:330 Resp: 584719
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 39.8 31.7 47.5

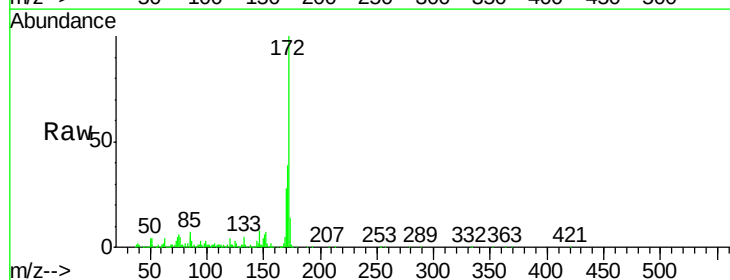


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

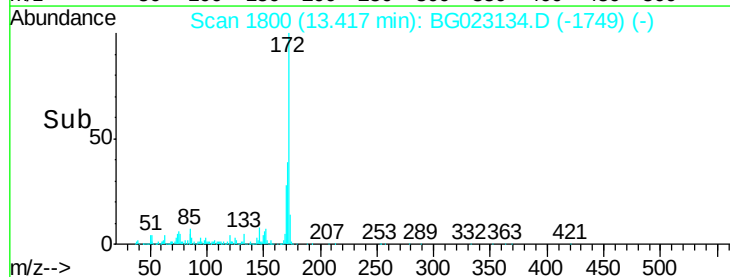
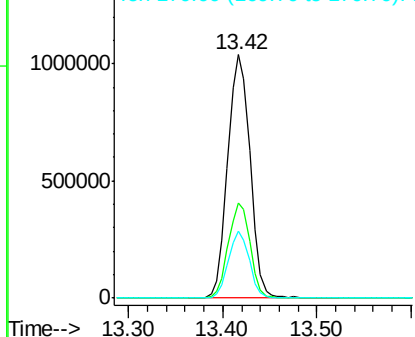


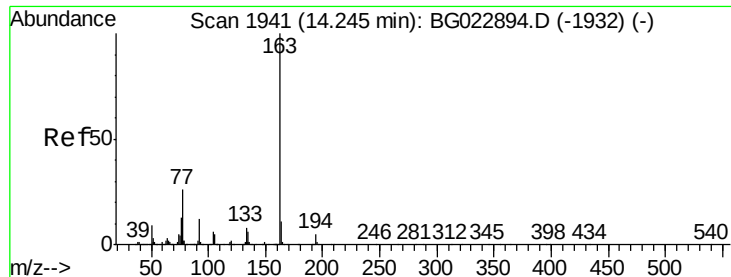
#44
 2-Fluorobiphenyl
 Concen: 79.93 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG023134.D
 Acq: 16 Jul 2016 6:17

Tgt Ion:172 Resp: 1720289
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.6 47.4
 170 27.5 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





#49

Dimethylphthalate

Concen: 11.90 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023134.D

Acq: 16 Jul 2016 6:17

Instrument :

BNA_G

ClientSampleId :

Q7-B3(6-12)C

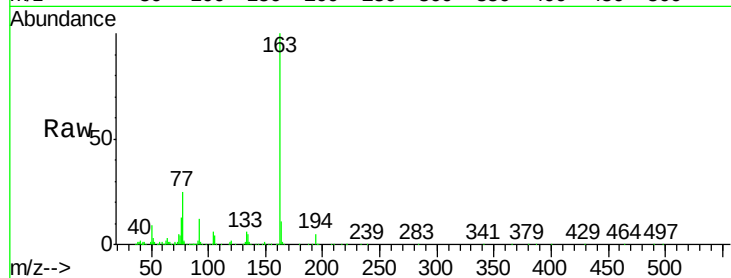
Tgt Ion:163 Resp: 329614

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

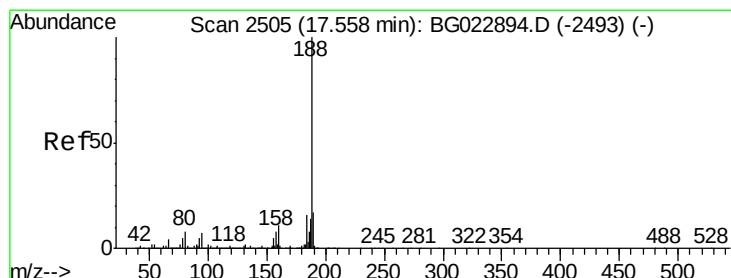
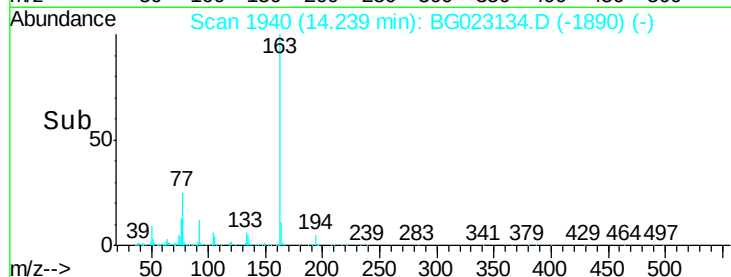
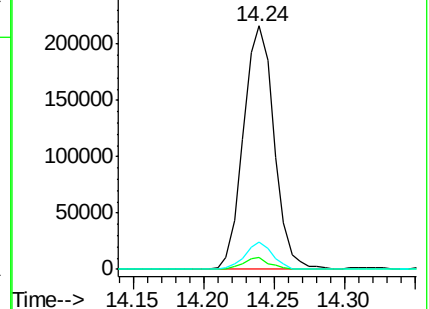
164 11.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023134.D

Acq: 16 Jul 2016 6:17

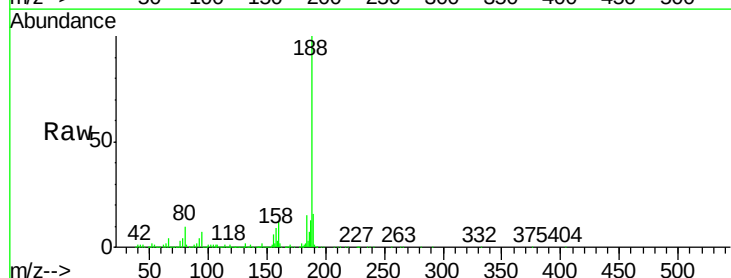
Tgt Ion:188 Resp: 799630

Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

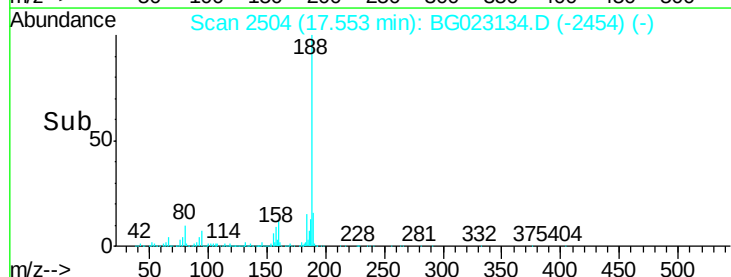
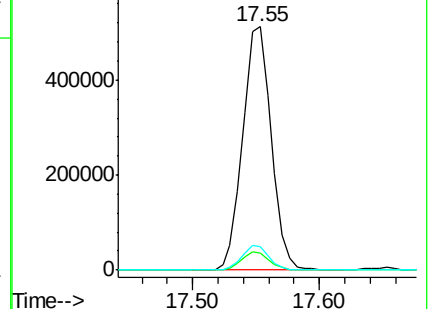
80 9.7 7.2 10.8

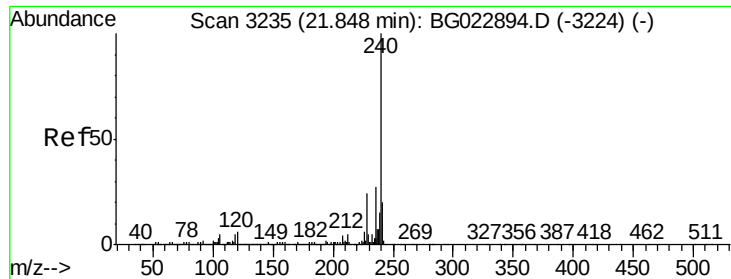


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG023134.D

Acq: 16 Jul 2016 6:17

Instrument :

BNA_G

ClientSampleId :

Q7-B3(6-12)C

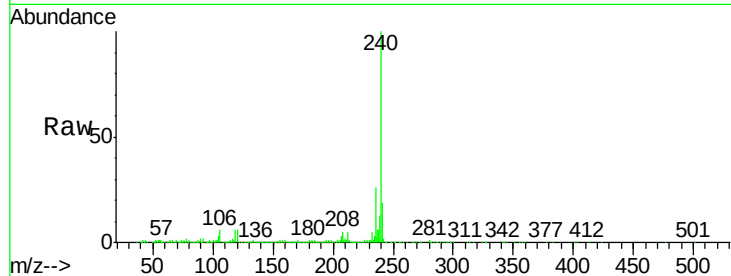
Tgt Ion:240 Resp: 863779

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

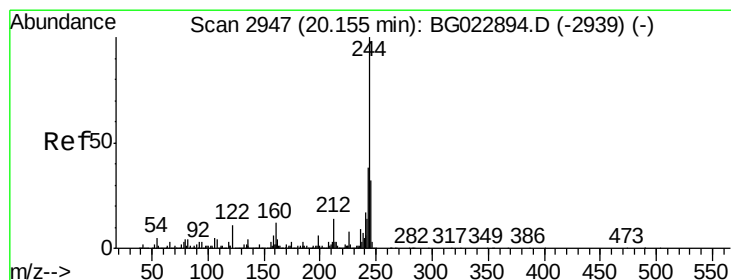
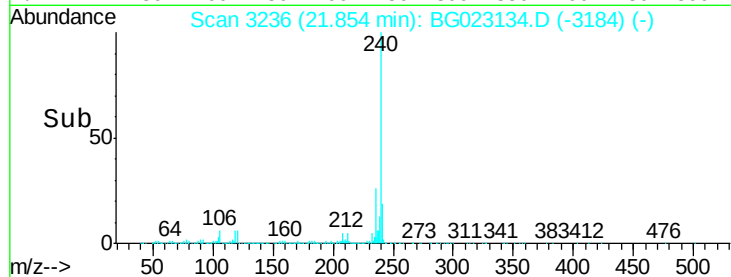
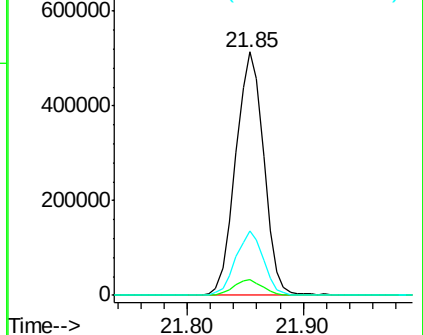
236 26.5 21.1 31.7



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: 82.97 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BG023134.D

Acq: 16 Jul 2016 6:17

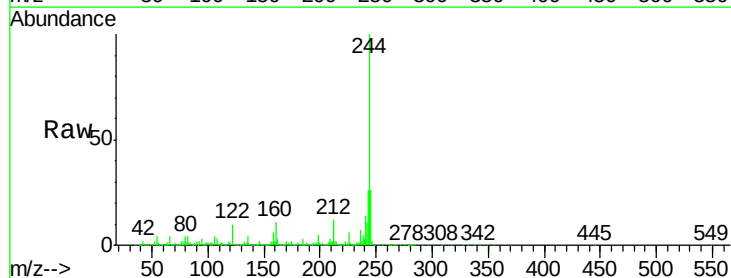
Tgt Ion:244 Resp: 2280125

Ion Ratio Lower Upper

244 100

212 12.4 10.8 16.2

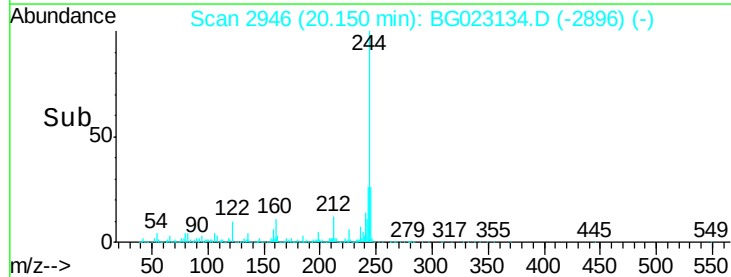
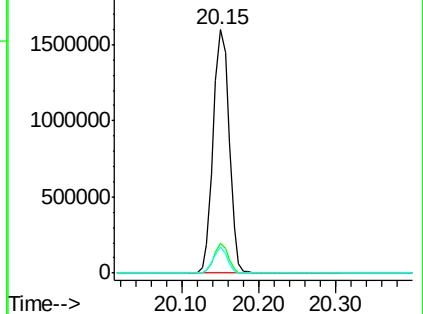
122 10.5 8.0 12.0

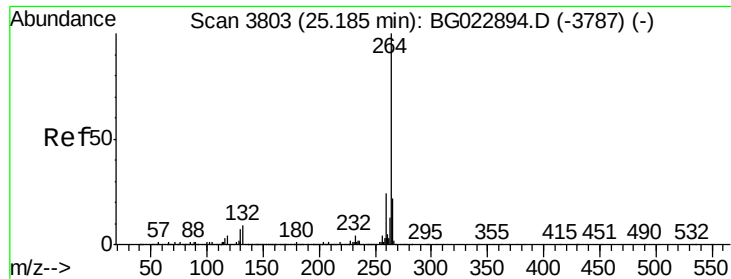


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.23 min Scan# 3811
Delta R.T. 0.05 min
Lab File: BG023134.D
Acq: 16 Jul 2016 6:17

Instrument :
BNA_G
ClientSampleId :
Q7-B3(6-12)C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.5	18.9	28.3

