

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
 Data File : BG023180.D
 Acq On : 19 Jul 2016 17:33
 Operator : UM/SJ
 Sample : PB92266BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92266BL

Quant Time: Jul 20 01:11:27 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	102212	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	489132	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	373218	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	862142	20.00	ng	0.00
75) Chrysene-d12	21.87	240	907960	20.00	ng	0.00
86) Perylene-d12	25.27	264	840388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	791509	126.65	ng	0.01
7) Phenol-d6	7.30	99	1240635	126.75	ng	0.00
23) Nitrobenzene-d5	9.32	82	910620	79.72	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	582377	86.82	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1849927	78.07	ng	0.00
78) Terphenyl-d14	20.16	244	2569648	93.05	ng	0.00

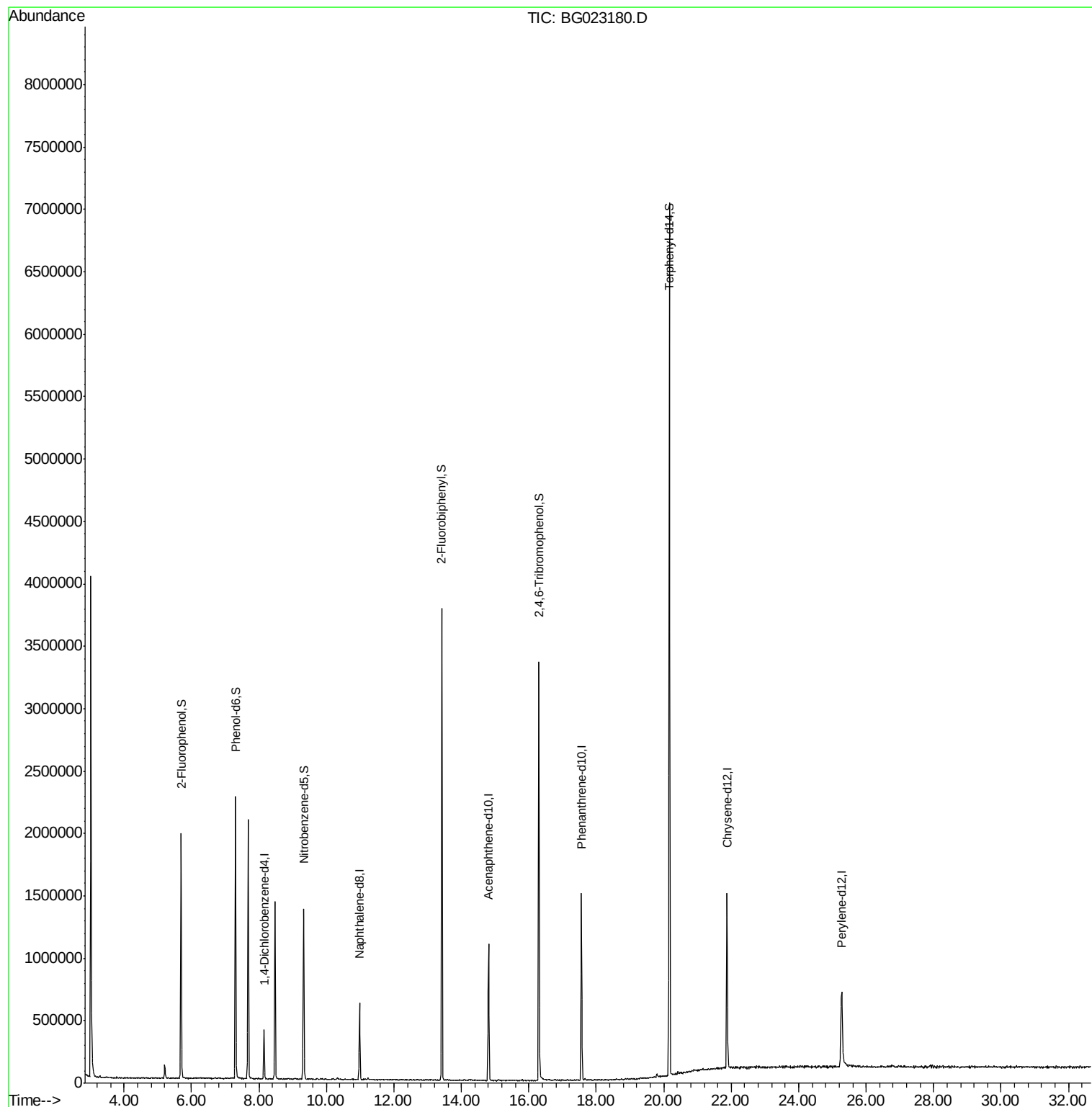
Target Compounds Qvalue

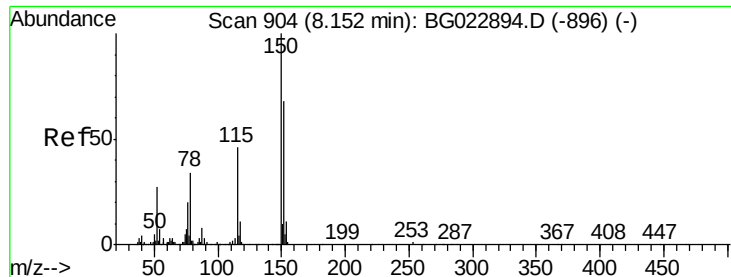
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023180.D

Acq: 19 Jul 2016 17:33

Instrument :

BNA_G

ClientSampleId :

PB92266BL

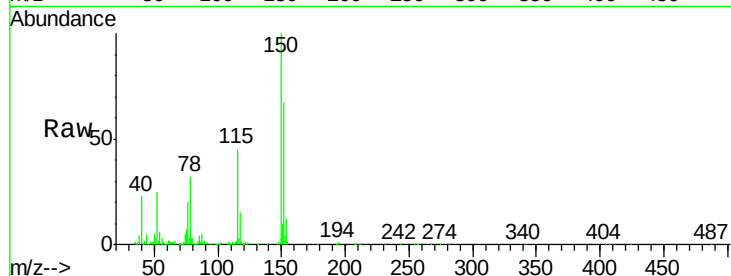
Tot Ion:152 Resp: 102212

Ion Ratio Lower Upper

152 100

150 149.6 144.7 217.1

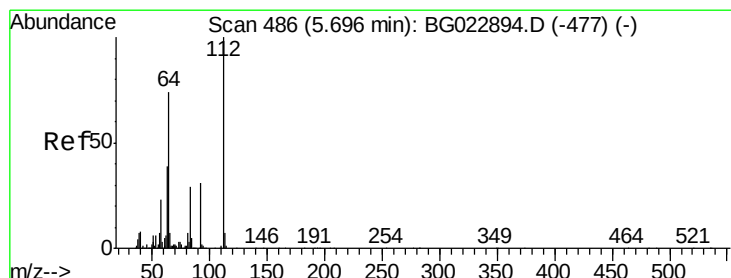
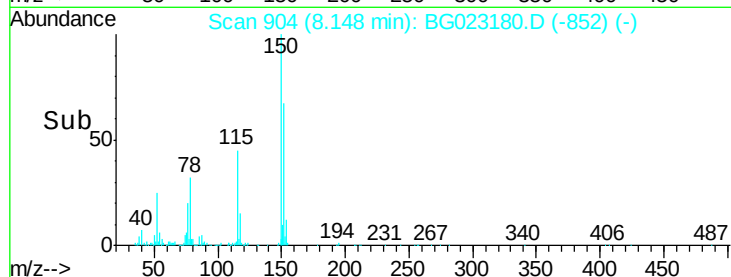
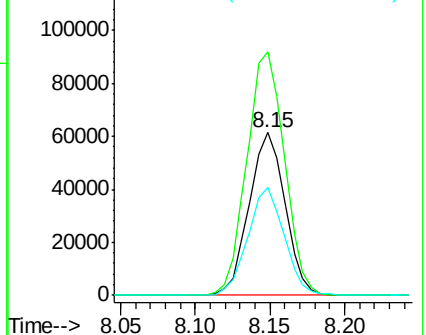
115 66.7 64.0 96.0



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: 126.65 ng

RT: 5.69 min Scan# 485

Delta R.T. 0.01 min

Lab File: BG023180.D

Acq: 19 Jul 2016 17:33

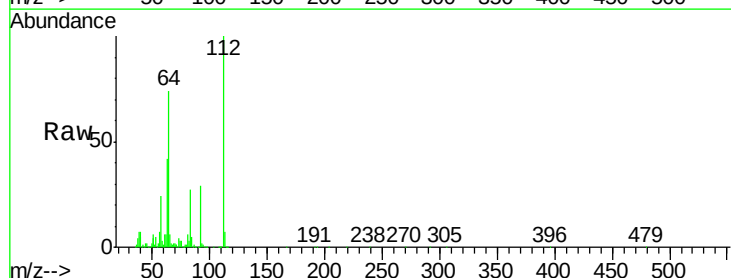
Tgt Ion:112 Resp: 791509

Ion Ratio Lower Upper

112 100

64 73.9 59.0 88.4

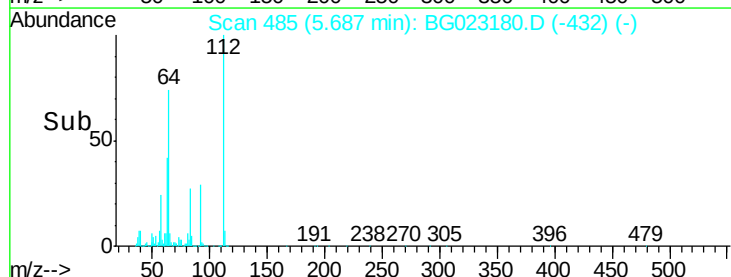
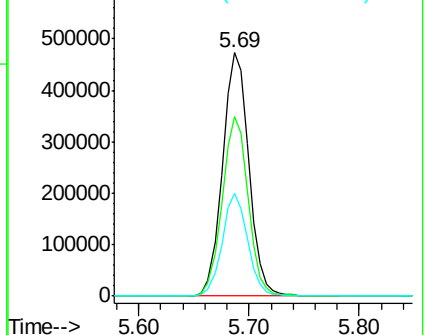
63 42.5 37.8 56.8

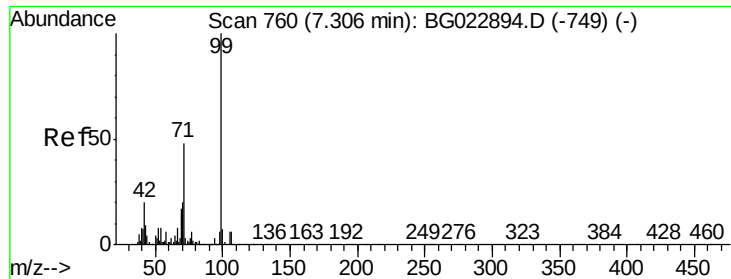


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 126.75 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023180.D

Acq: 19 Jul 2016 17:33

Instrument :

BNA_G

ClientSampleId :

PB92266BL

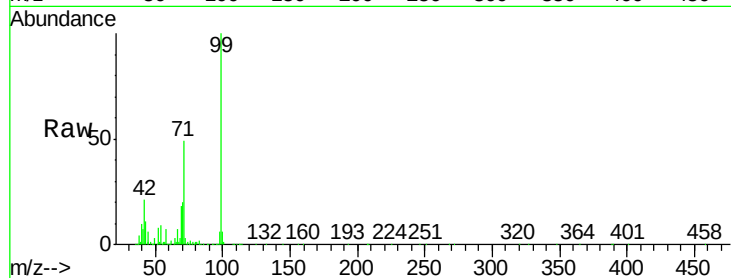
Tot Ion: 99 Resp: 1240635

Ion Ratio Lower Upper

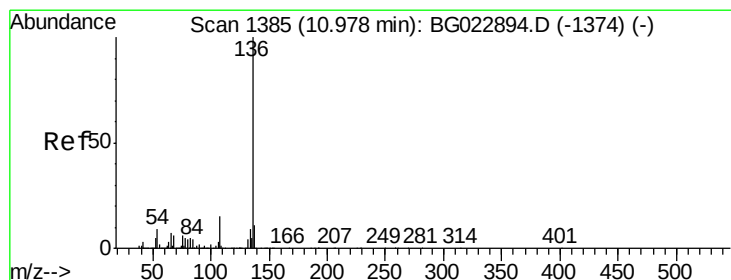
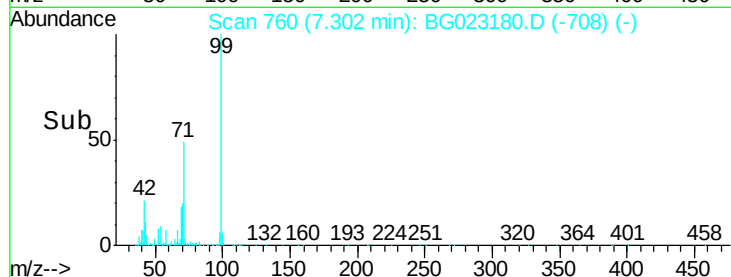
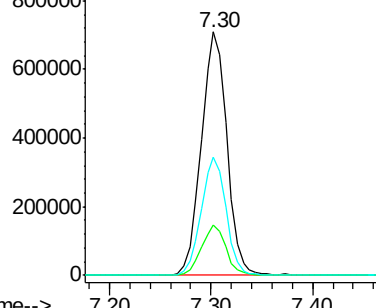
99 100

42 20.7 17.8 26.6

71 48.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023180.D

Acq: 19 Jul 2016 17:33

Tgt Ion: 136 Resp: 489132

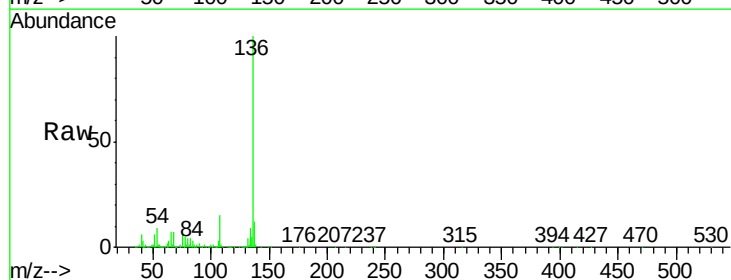
Ion Ratio Lower Upper

136 100

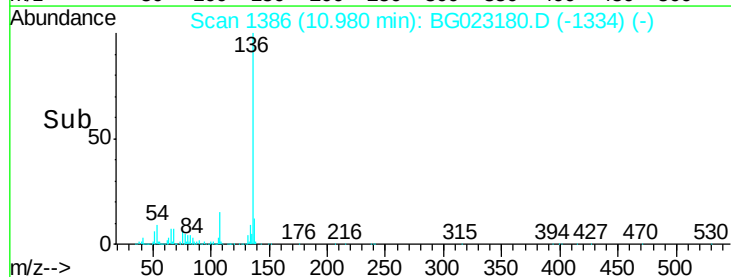
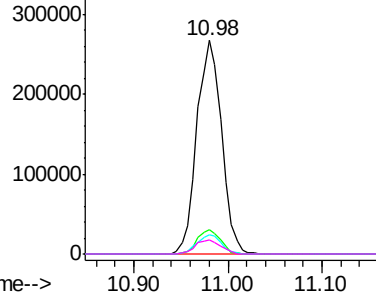
137 11.5 9.6 14.4

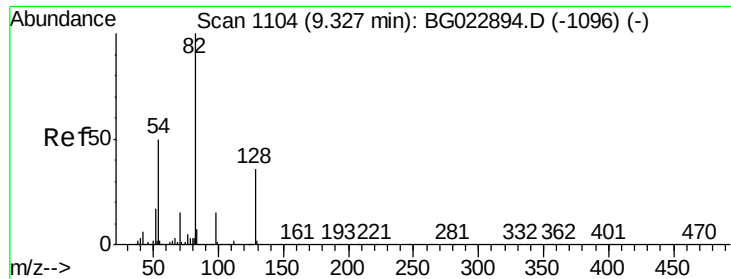
54 8.9 7.3 10.9

68 6.8 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

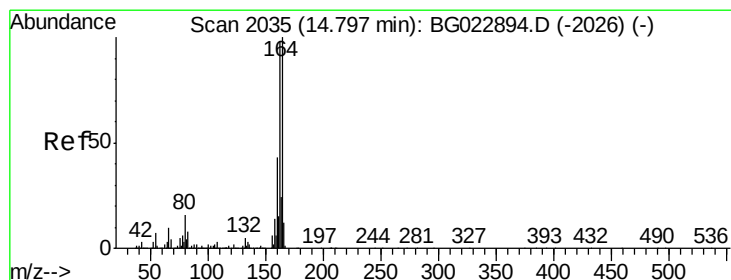
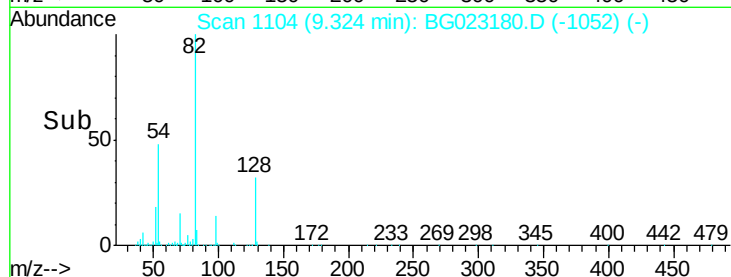
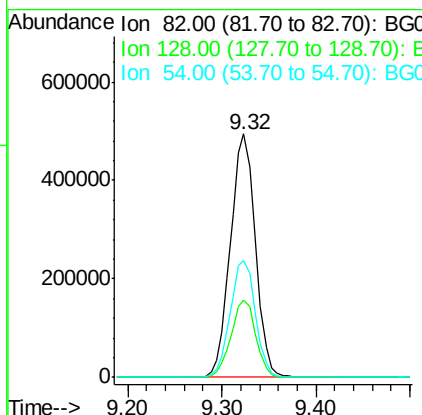
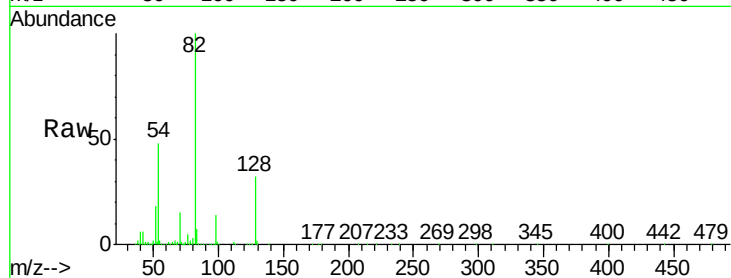




#23
 Nitrobenzene-d5
 Concen: 79.72 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BG023180.D
 Acq: 19 Jul 2016 17:33

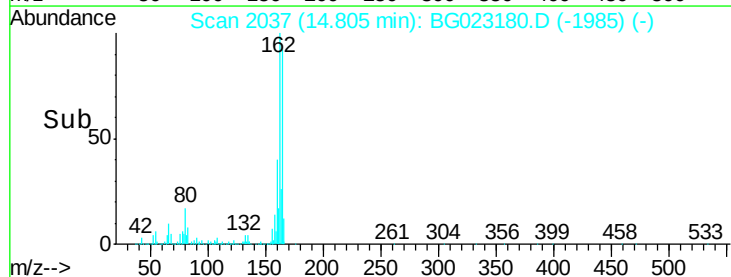
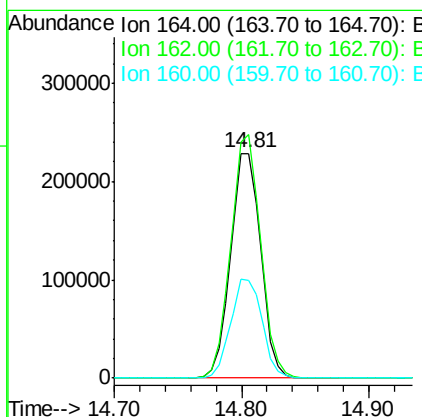
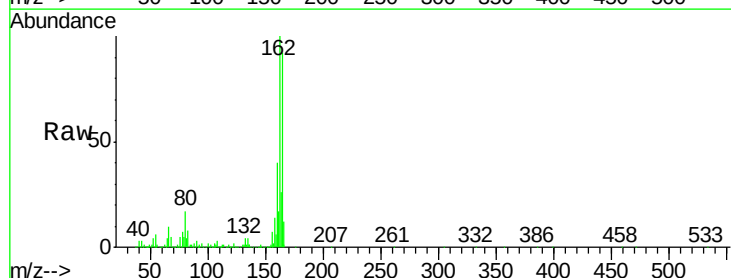
Instrument :
 BNA_G
 ClientSampleId :
 PB92266BL

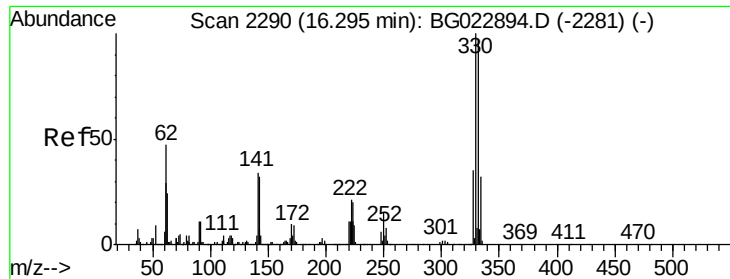
Tot Ion	82	Resp	910620
Ion Ratio	Lower	Upper	
82	100		
128	31.8	24.4	36.6
54	48.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BG023180.D
 Acq: 19 Jul 2016 17:33

Tgt Ion	164	Resp	373218
Ion Ratio	Lower	Upper	
164	100		
162	108.3	87.7	131.5
160	43.3	37.2	55.8

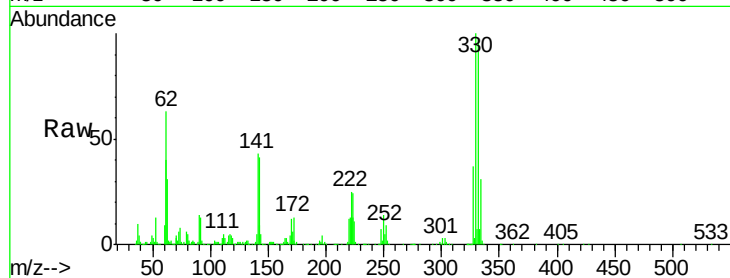




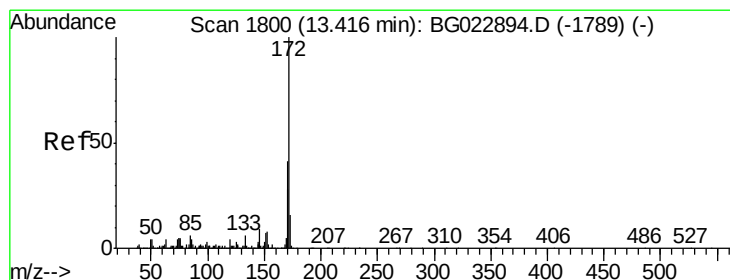
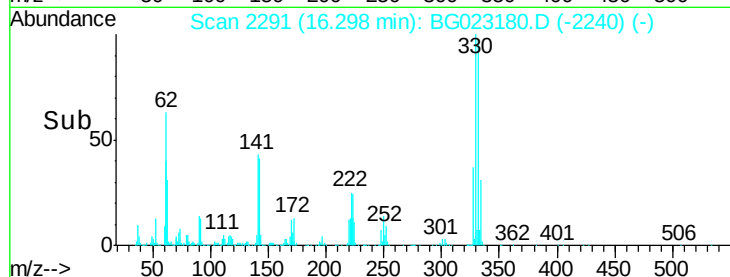
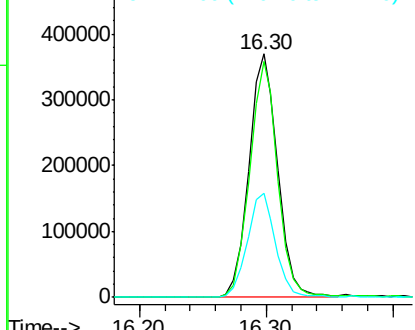
#41
 2,4,6-Tribromophenol
 Concen: 86.82 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG023180.D
 Acq: 19 Jul 2016 17:33

Instrument :
 BNA_G
 ClientSampleId :
 PB92266BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.4	116.2
141	42.2	31.7	47.5

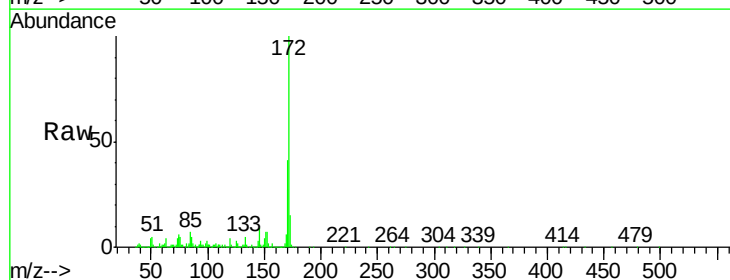


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

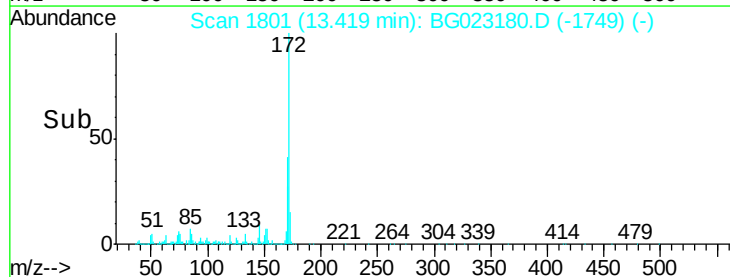
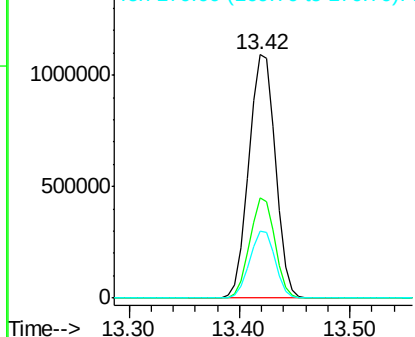


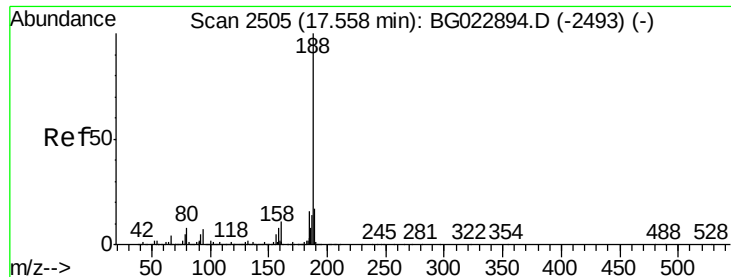
#44
 2-Fluorobiphenyl
 Concen: 78.07 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023180.D
 Acq: 19 Jul 2016 17:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.3	31.6	47.4
170	27.3	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

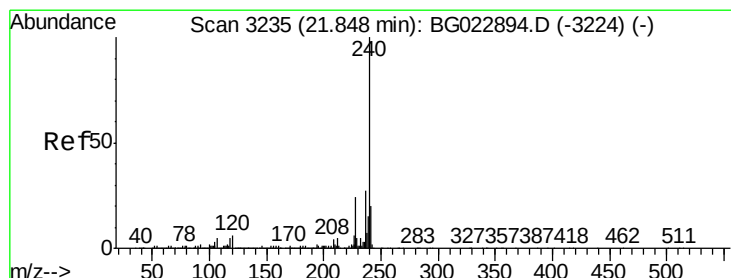
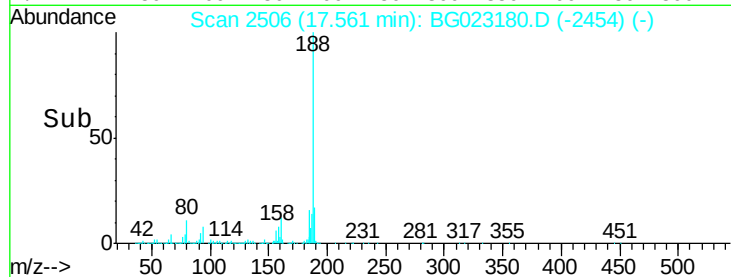
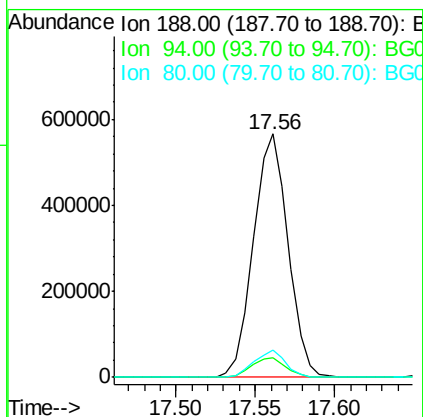
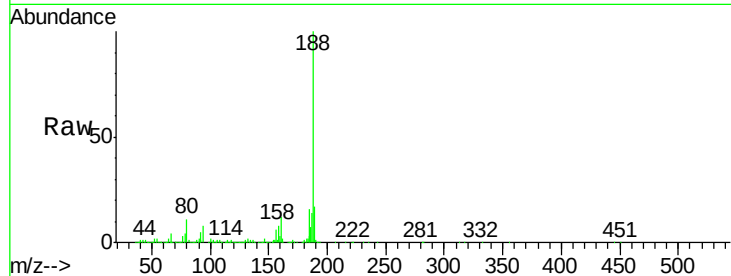




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

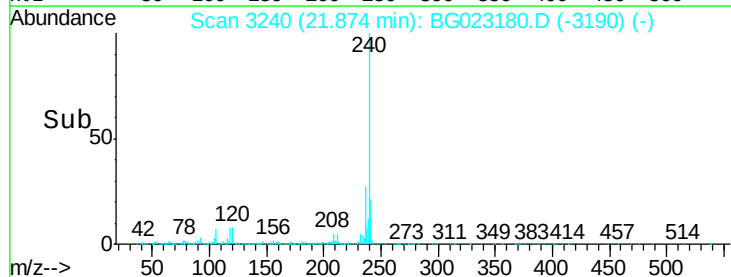
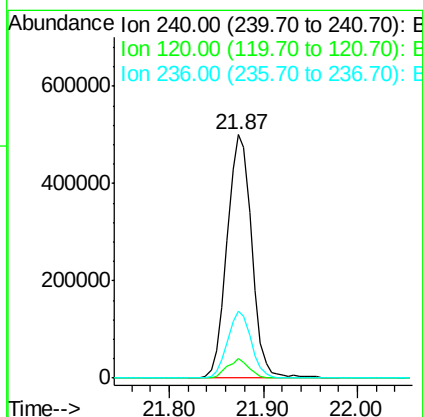
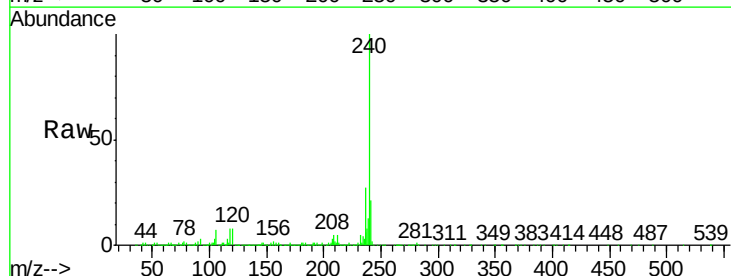
Instrument :
BNA_G
ClientSampleId :
PB92266BL

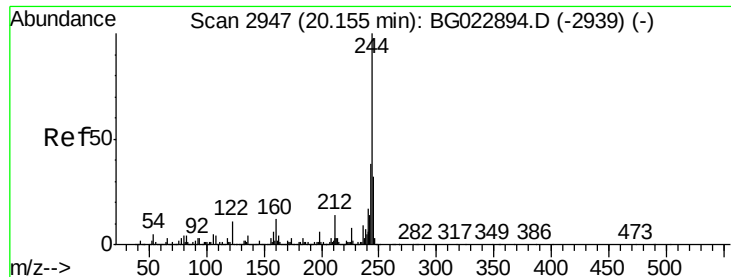
Tot Ion:188 Resp: 862142
Ion Ratio Lower Upper
188 100
94 8.3 5.2 7.8#
80 11.3 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG023180.D
Acq: 19 Jul 2016 17:33

Tgt Ion:240 Resp: 907960
Ion Ratio Lower Upper
240 100
120 7.9 4.1 6.1#
236 27.5 21.1 31.7





#78

Terphenyl-d14

Concen: 93.05 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG023180.D

Acq: 19 Jul 2016 17:33

Instrument :

BNA_G

ClientSampleId :

PB92266BL

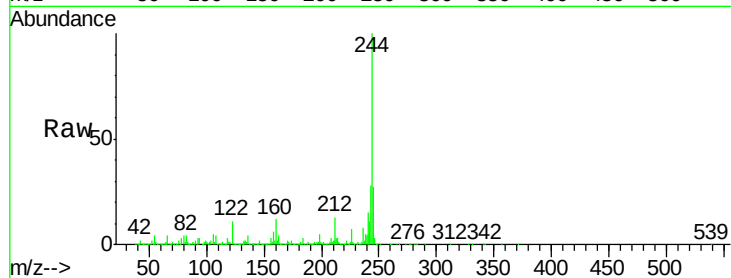
Tot Ion:244 Resp: 2569648

Ion Ratio Lower Upper

244 100

212 13.1 10.8 16.2

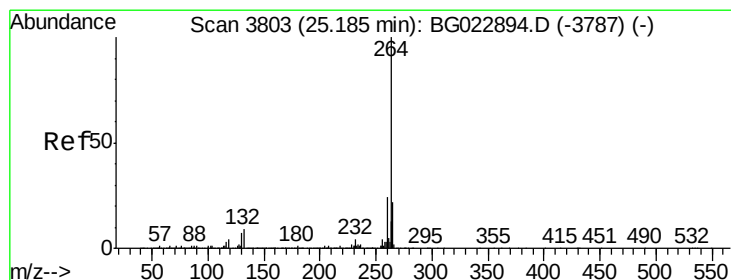
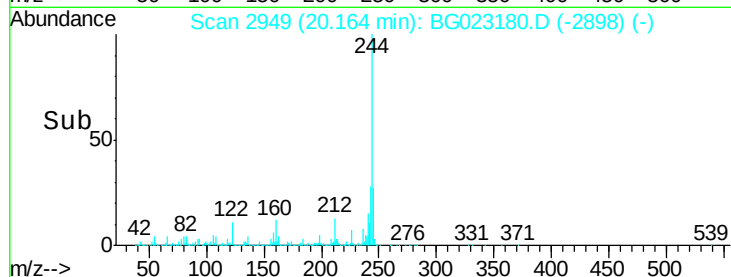
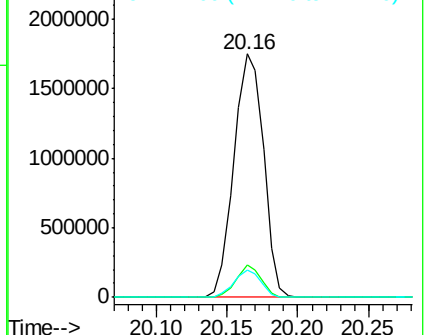
122 11.4 8.0 12.0



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: 25.27 min Scan# 3818

Delta R.T. -0.00 min

Lab File: BG023180.D

Acq: 19 Jul 2016 17:33

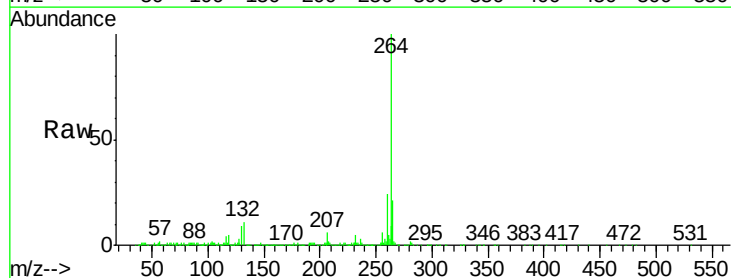
Tgt Ion:264 Resp: 840388

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 21.2 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

