

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023224.D
 Acq On : 22 Jul 2016 20:42
 Operator : UM/SJ
 Sample : H4131-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-2

Quant Time: Jul 22 23:54:45 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	8.14	152	111554	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	497512	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	349431	20.00	ng	0.01
63) Phenanthrene-d10	17.57	188	896920	20.00	ng	0.02
75) Chrysene-d12	21.89	240	1031535	20.00	ng	0.01
86) Perylene-d12	25.31	264	988040	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	873812	128.11	ng	0.00
7) Phenol-d6	7.30	99	1190341	111.42	ng	0.00
23) Nitrobenzene-d5	9.32	82	1016619	87.50	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	635794	101.24	ng	0.01
44) 2-Fluorobiphenyl	13.42	172	1868663	84.23	ng	0.01
78) Terphenyl-d14	20.18	244	2945509	94.49	ng	0.02

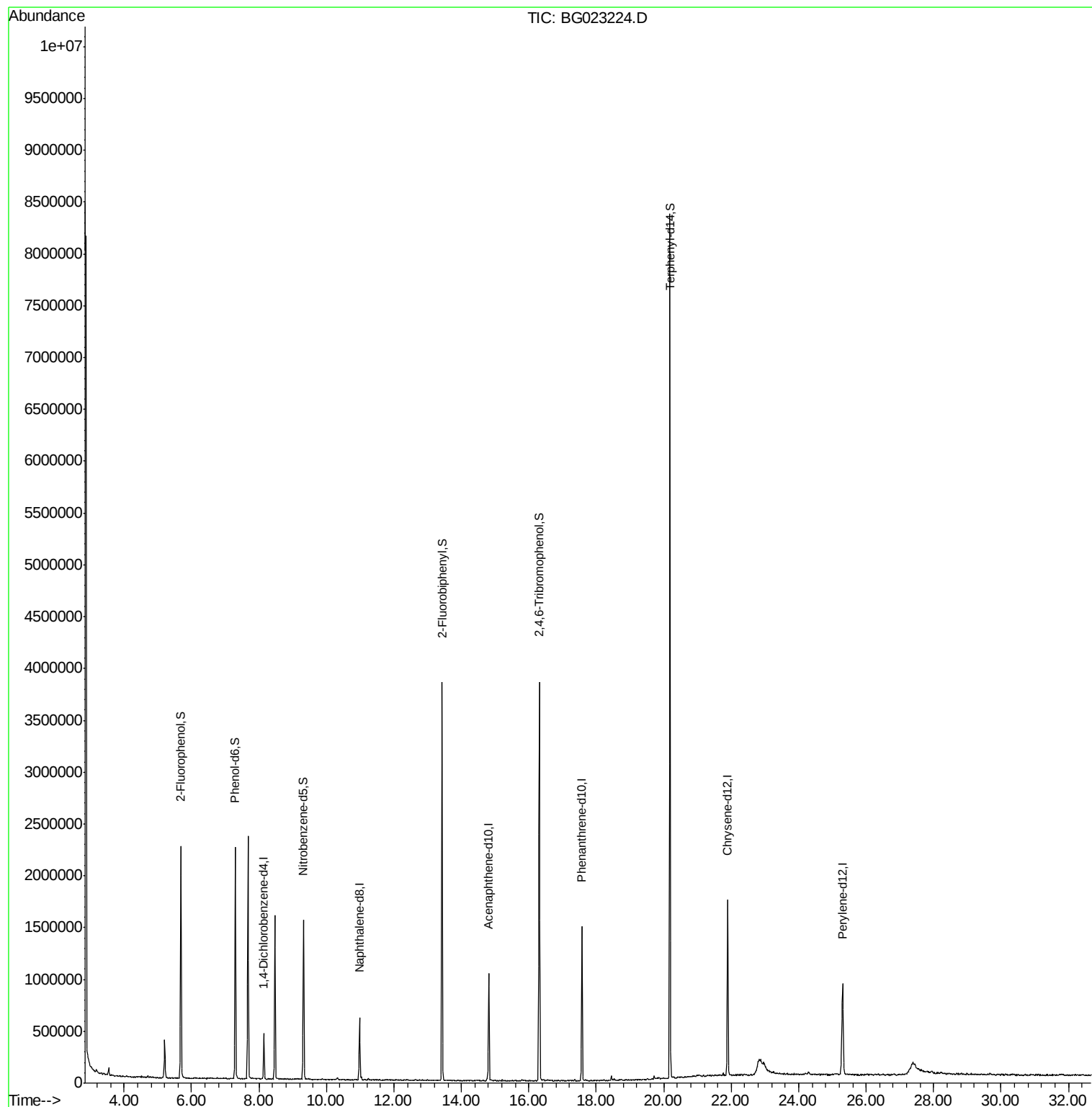
Target Compounds	Qvalue
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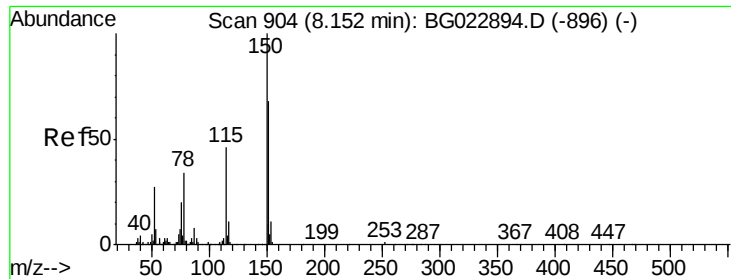
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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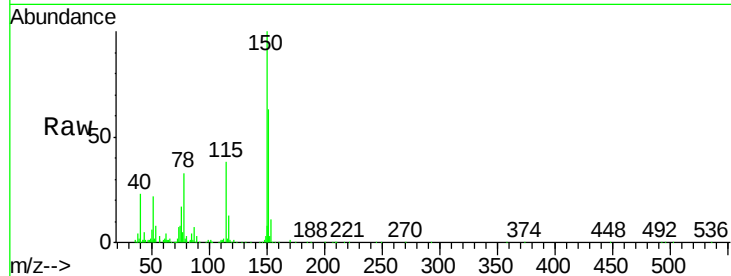


#1

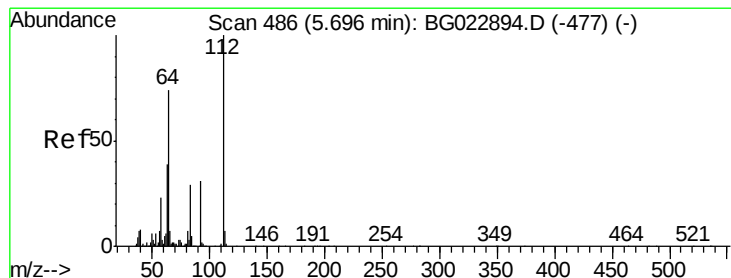
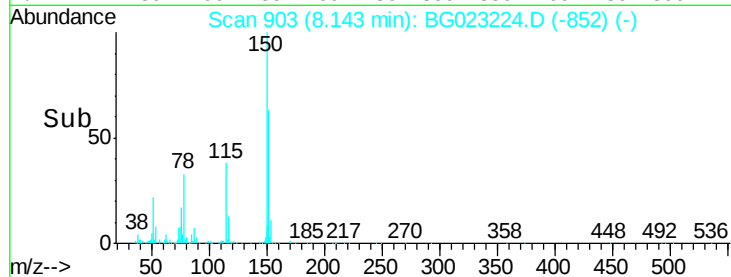
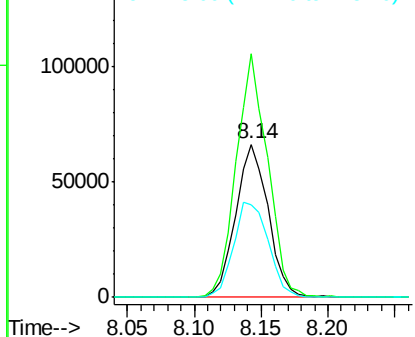
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG023224.D
Acq: 22 Jul 2016 20:42

Instrument :
BNA_G
ClientSampleId :
D-2

Tgt Ion:152 Resp: 111554
Ion Ratio Lower Upper
152 100
150 159.4 144.7 217.1
115 60.5 64.0 96.0#



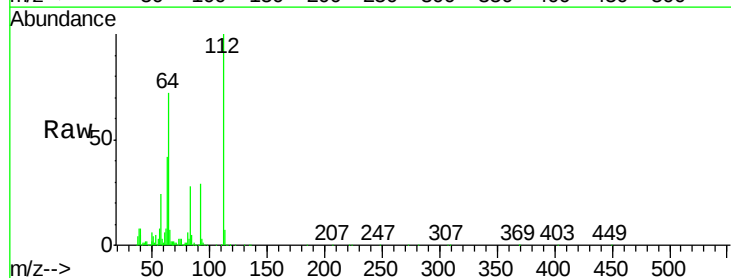
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



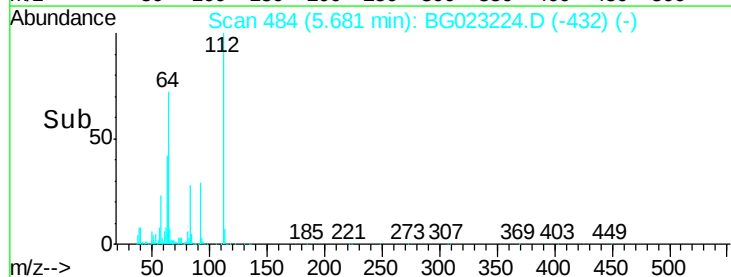
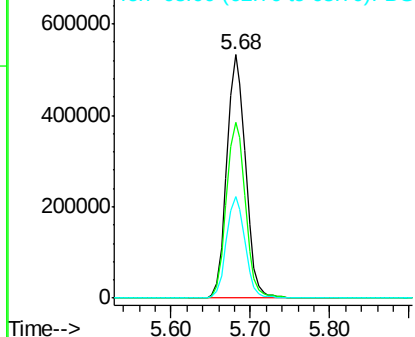
#5

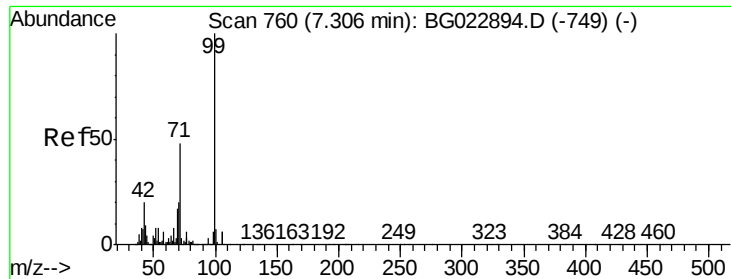
2-Fluorophenol
Concen: 128.11 ng
RT: 5.68 min Scan# 484
Delta R.T. 0.01 min
Lab File: BG023224.D
Acq: 22 Jul 2016 20:42

Tgt Ion:112 Resp: 873812
Ion Ratio Lower Upper
112 100
64 72.4 59.0 88.4
63 42.0 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: 111.42 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023224.D

Acq: 22 Jul 2016 20:42

Instrument :

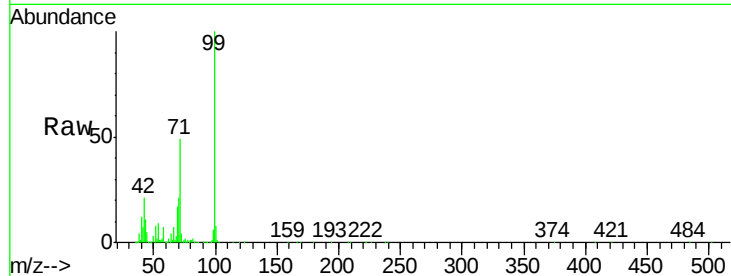
BNA_G

ClientSampleId :

D-2

Tgt Ion: 99 Resp: 1190341

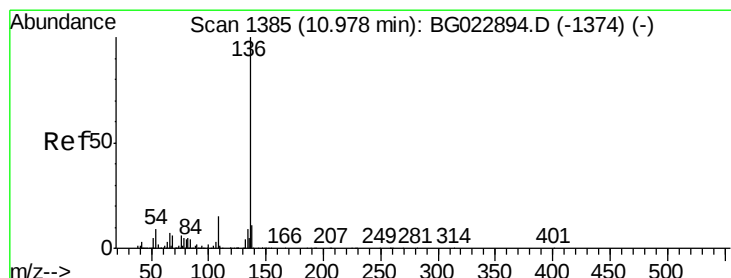
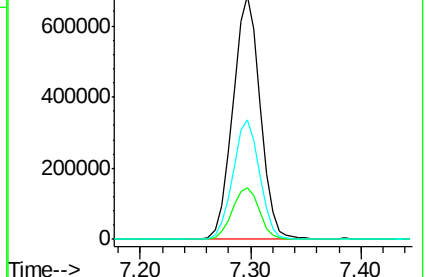
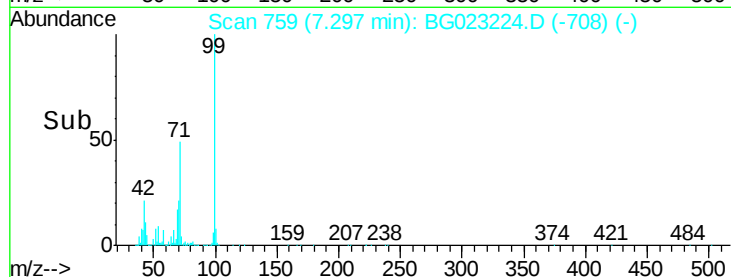
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.8	26.6
71	49.0	41.5	62.3



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

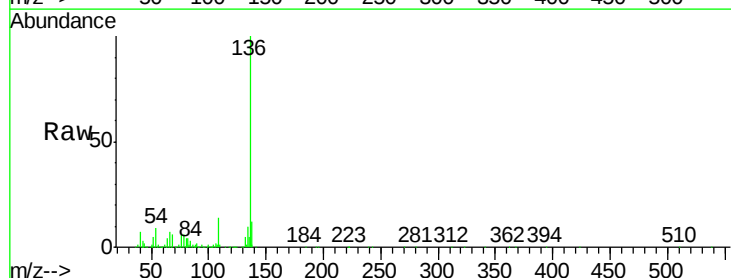
Delta R.T. 0.01 min

Lab File: BG023224.D

Acq: 22 Jul 2016 20:42

Tgt Ion: 136 Resp: 497512

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.4	7.3	10.9
68	6.4	5.3	7.9

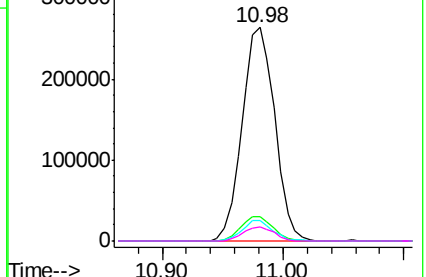
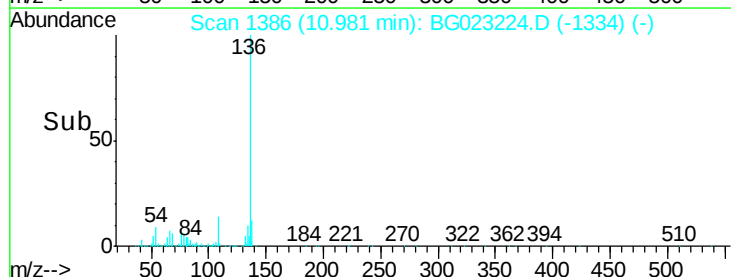


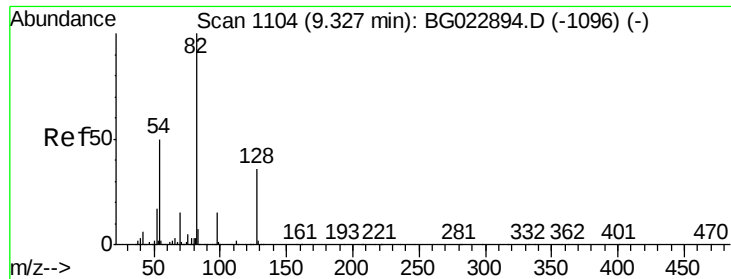
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

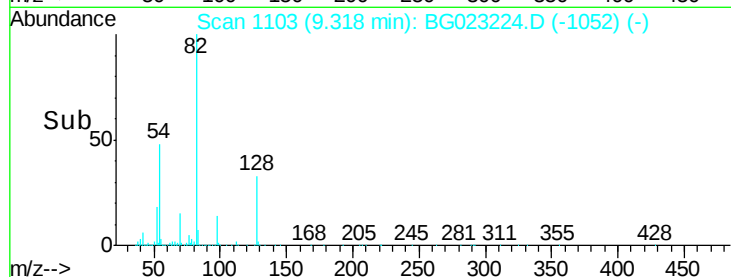
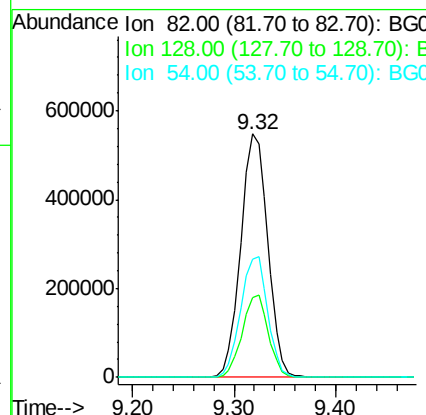
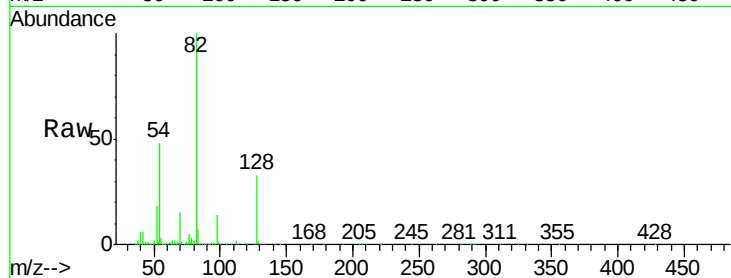




#23
 Nitrobenzene-d5
 Concen: 87.50 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG023224.D
 Acq: 22 Jul 2016 20:42

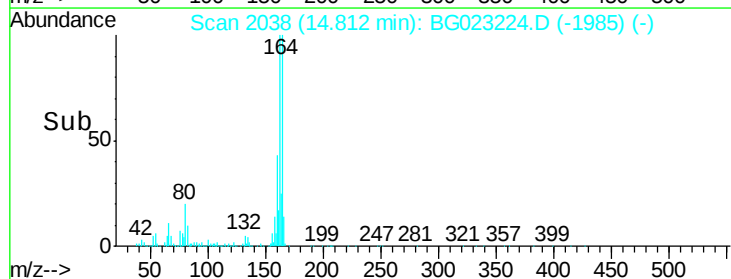
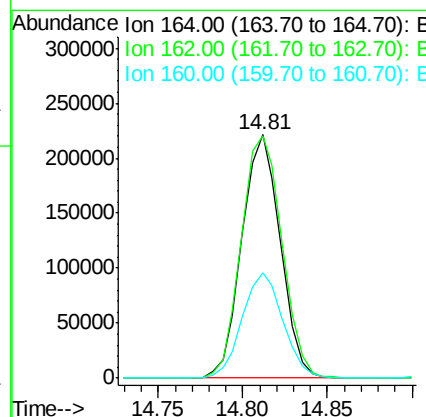
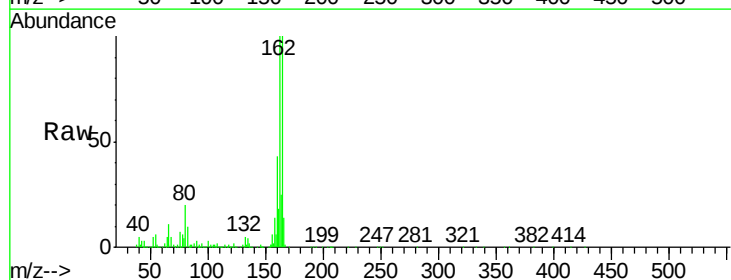
Instrument :
 BNA_G
 ClientSampleId :
 D-2

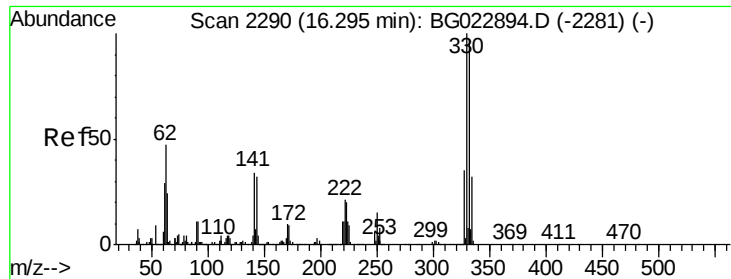
Tgt Ion: 82 Resp: 1016619
 Ion Ratio Lower Upper
 82 100
 128 33.0 24.4 36.6
 54 48.5 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BG023224.D
 Acq: 22 Jul 2016 20:42

Tgt Ion: 164 Resp: 349431
 Ion Ratio Lower Upper
 164 100
 162 99.7 87.7 131.5
 160 43.4 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 101.24 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BG023224.D

Acq: 22 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

D-2

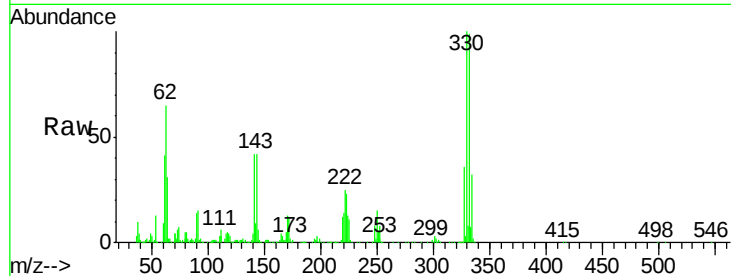
Tgt Ion:330 Resp: 635794

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

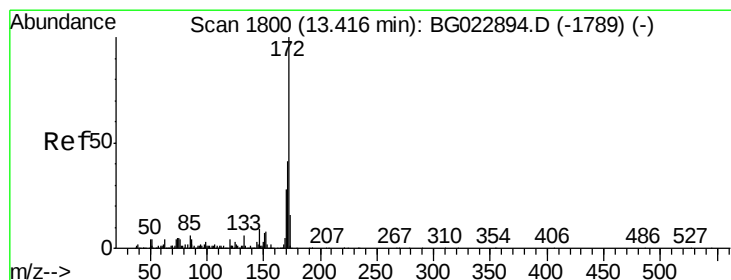
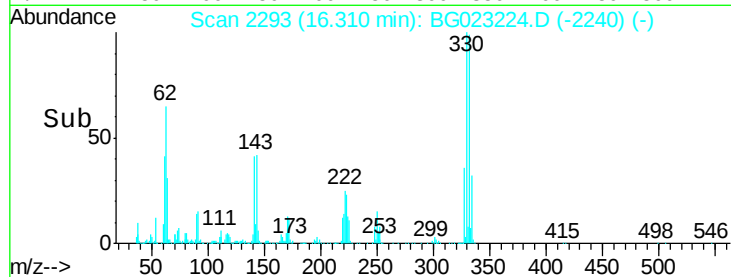
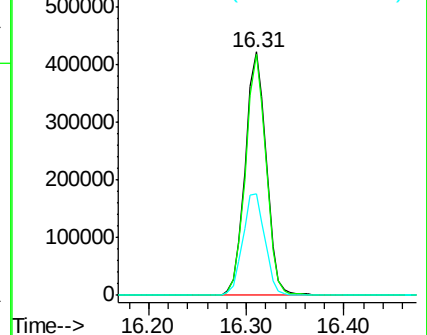
141 43.5 31.7 47.5



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: 84.23 ng

RT: 13.42 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BG023224.D

Acq: 22 Jul 2016 20:42

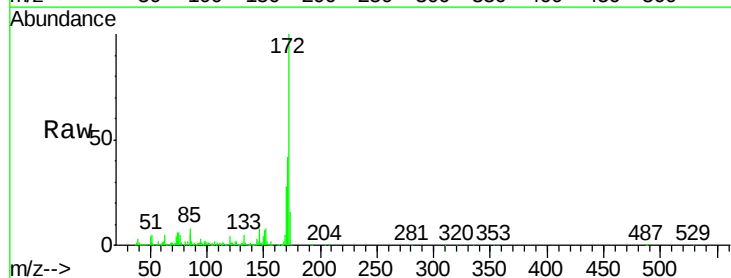
Tgt Ion:172 Resp: 1868663

Ion Ratio Lower Upper

172 100

171 41.5 31.6 47.4

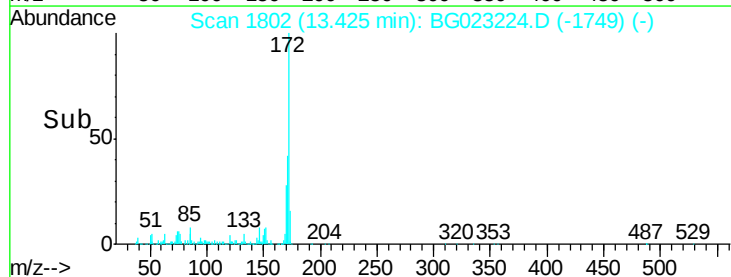
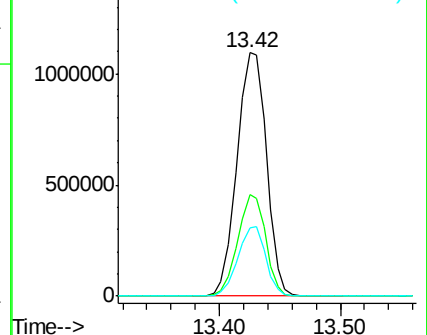
170 27.9 21.3 31.9

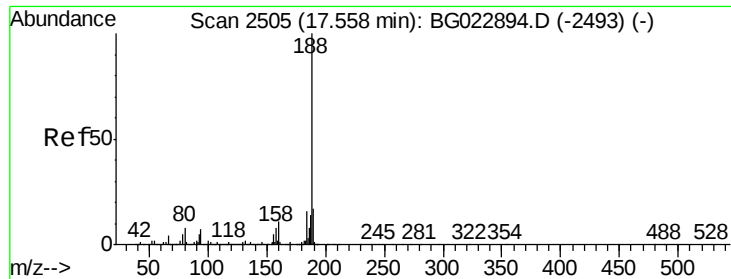


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.57 min Scan# 2508

Delta R.T. 0.02 min

Lab File: BG023224.D

Acq: 22 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

D-2

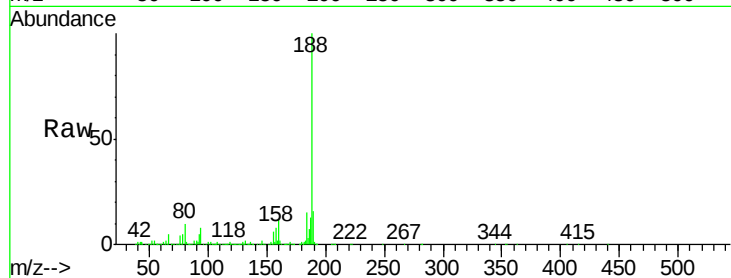
Tgt Ion:188 Resp: 896920

Ion Ratio Lower Upper

188 100

94 8.4 5.2 7.8#

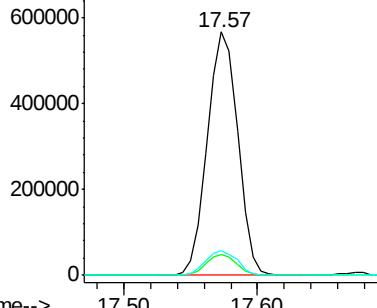
80 10.2 7.2 10.8



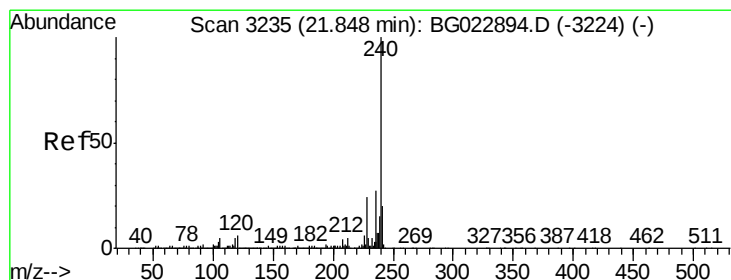
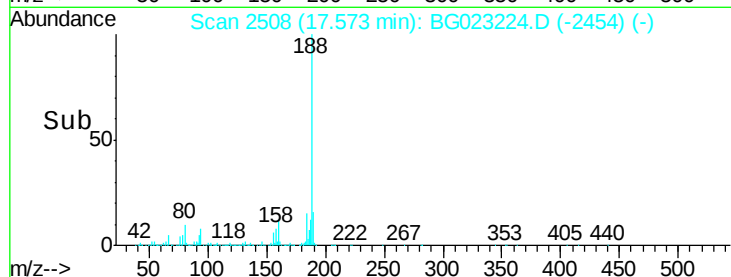
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.01 min

Lab File: BG023224.D

Acq: 22 Jul 2016 20:42

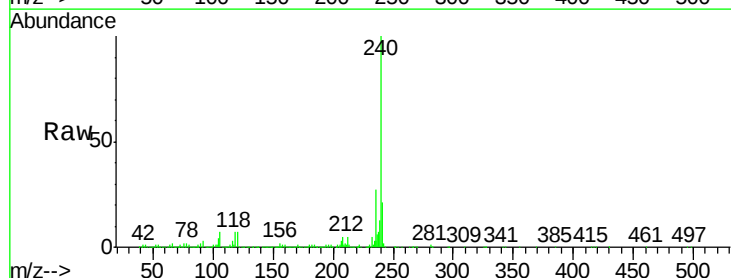
Tgt Ion:240 Resp: 1031535

Ion Ratio Lower Upper

240 100

120 7.3 4.1 6.1#

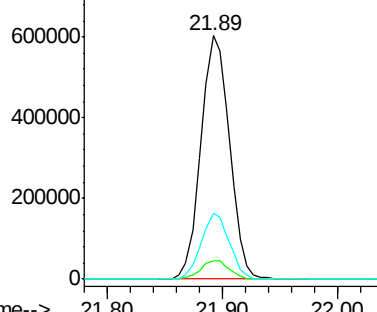
236 27.2 21.1 31.7



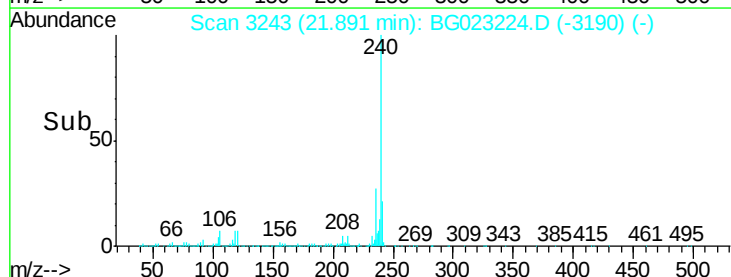
Abundance Ion 240.00 (239.70 to 240.70): E

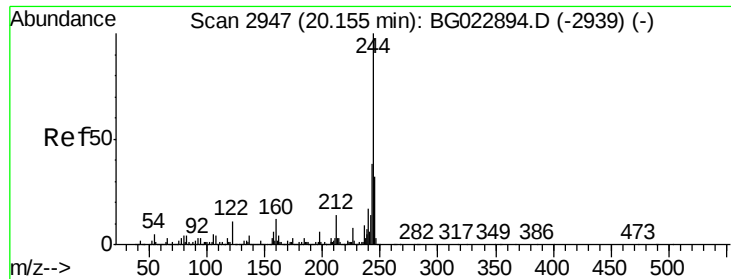
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 94.49 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.02 min

Lab File: BG023224.D

Acq: 22 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

D-2

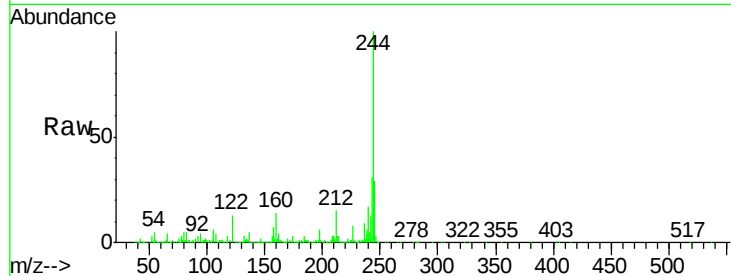
Tgt Ion:244 Resp: 2945509

Ion Ratio Lower Upper

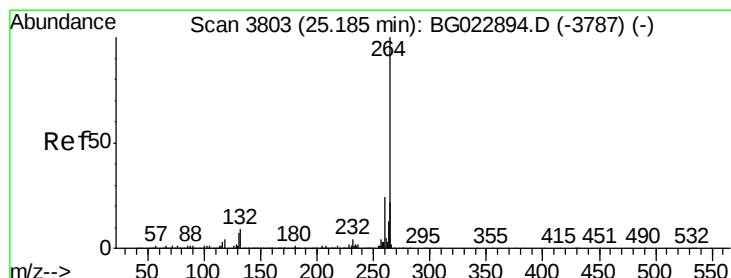
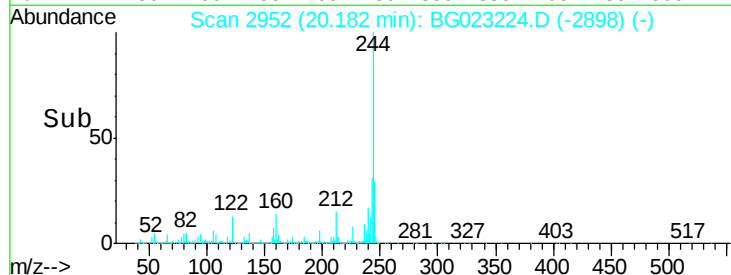
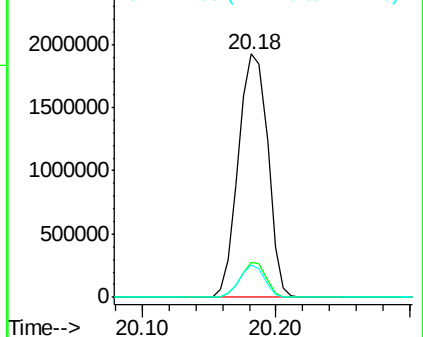
244 100

212 14.5 10.8 16.2

122 13.1 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: 25.31 min Scan# 3824

Delta R.T. 0.03 min

Lab File: BG023224.D

Acq: 22 Jul 2016 20:42

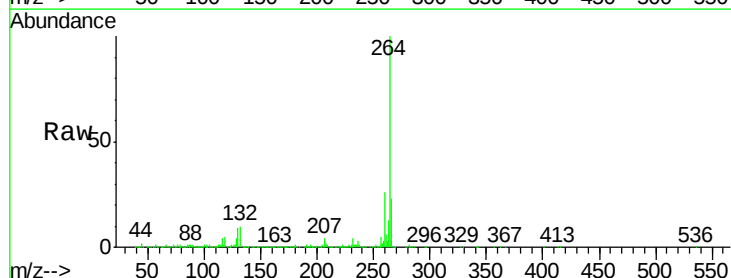
Tgt Ion:264 Resp: 988040

Ion Ratio Lower Upper

264 100

260 25.9 18.4 27.6

265 23.3 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

