

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023231.D
 Acq On : 23 Jul 2016 1:27
 Operator : UM/SJ
 Sample : H4131-26
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-10

Quant Time: Jul 23 02:32:58 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

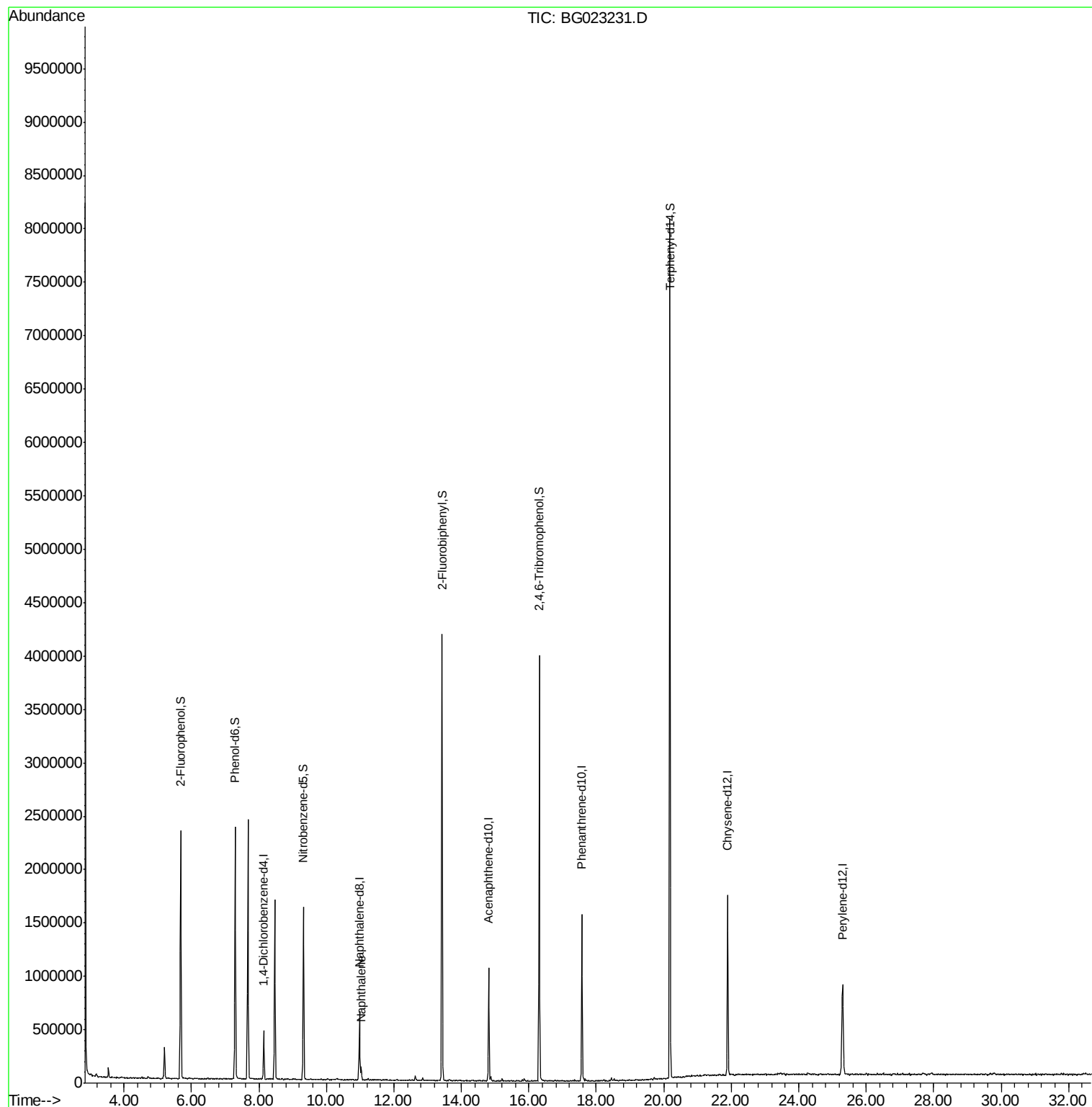
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	108021	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	502096	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	358400	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	920250	20.00	ng	0.01
75) Chrysene-d12	21.89	240	972722	20.00	ng	0.01
86) Perylene-d12	25.30	264	929181	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	902387	136.63	ng	0.00
7) Phenol-d6	7.29	99	1249537	120.79	ng	0.00
23) Nitrobenzene-d5	9.32	82	1051215	89.65	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	635646	98.68	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1958140	86.06	ng	0.01
78) Terphenyl-d14	20.18	244	2903928	102.33	ng	0.02
Target Compounds						
31) Naphthalene	11.03	128	97719	3.82	ng	Qvalue 96

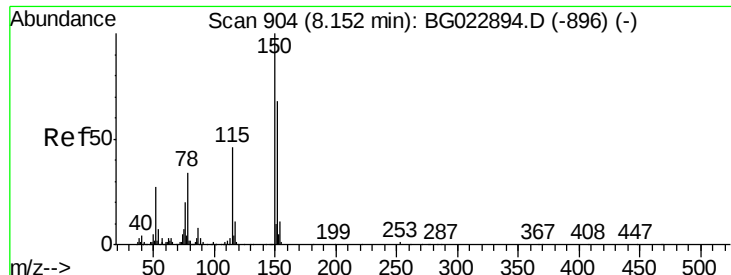
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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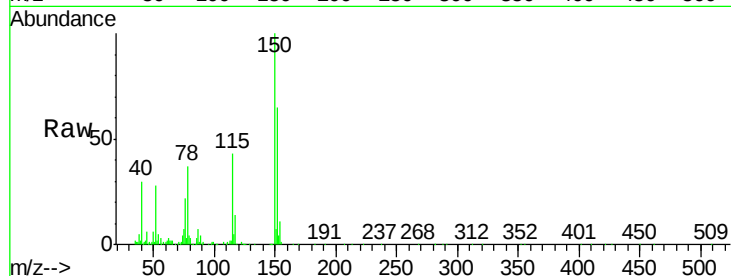


#1

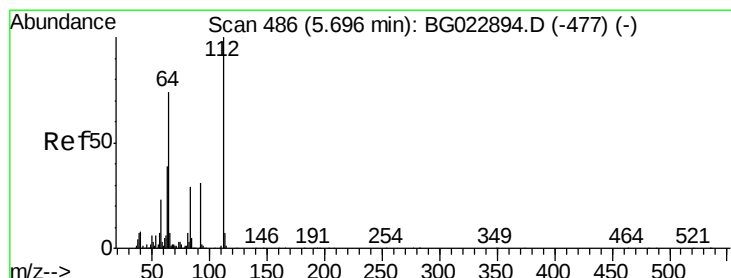
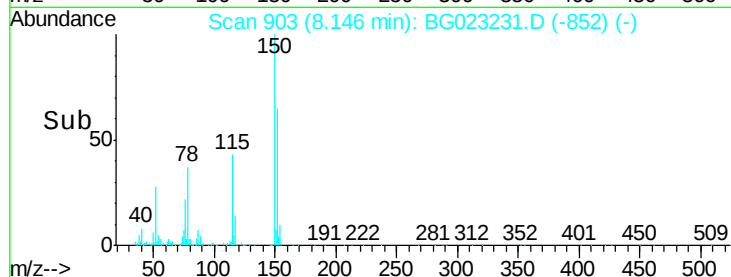
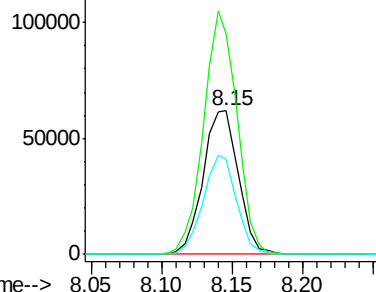
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG023231.D
Acq: 23 Jul 2016 1:27

Instrument :
BNA_G
ClientSampleId :
D-10

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	144.7	217.1
115	66.1	64.0	96.0



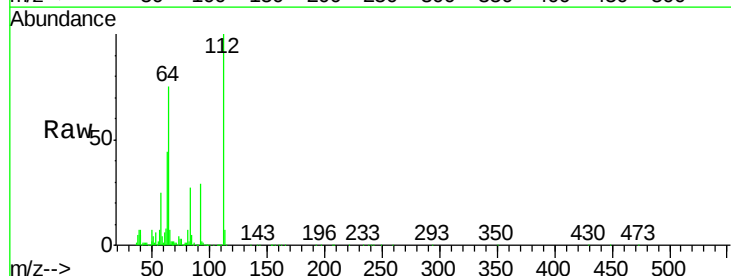
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



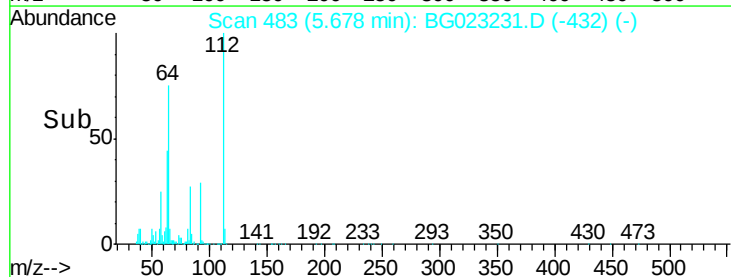
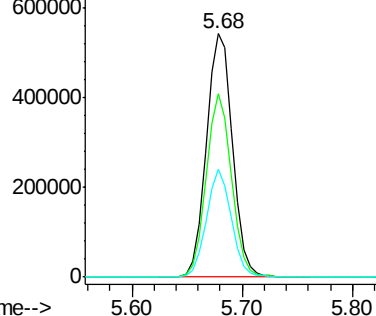
#5

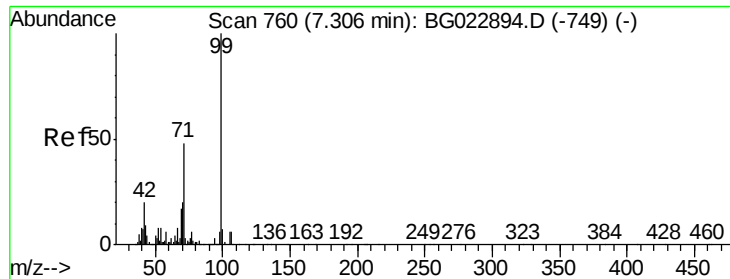
2-Fluorophenol
Concen: 136.63 ng
RT: 5.68 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023231.D
Acq: 23 Jul 2016 1:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.4	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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 120.79 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG023231.D

Acq: 23 Jul 2016 1:27

Instrument :

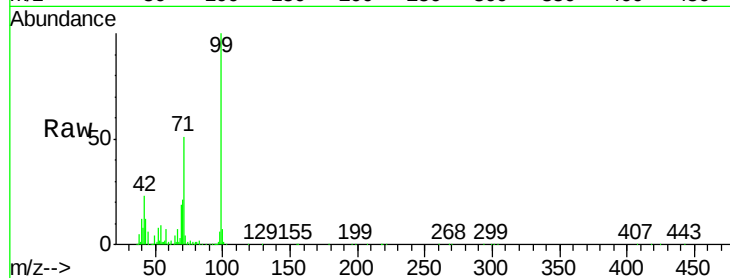
BNA_G

ClientSampleId :

D-10

Tgt Ion: 99 Resp: 1249537

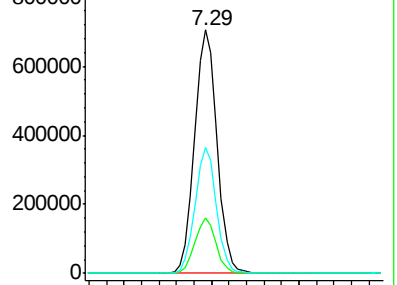
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.8	26.6
71	51.5	41.5	62.3



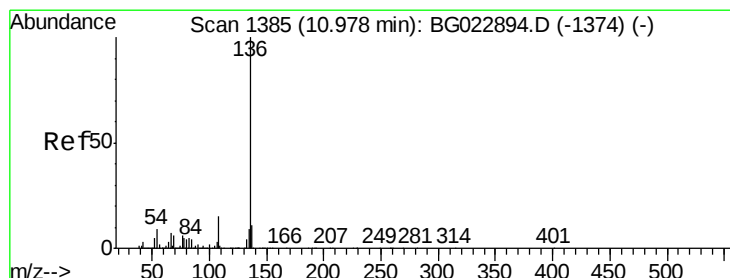
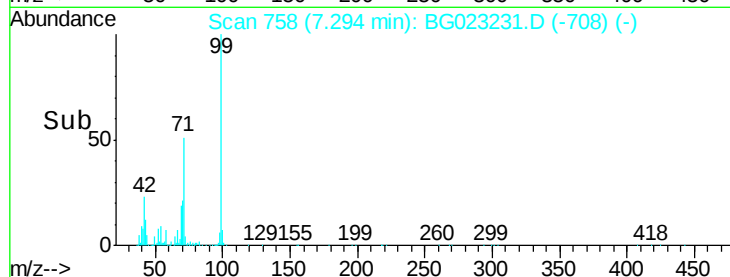
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

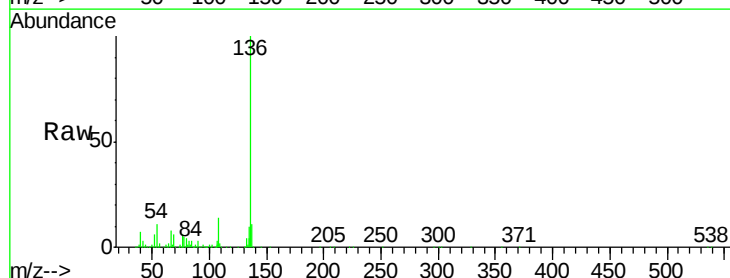
Delta R.T. 0.00 min

Lab File: BG023231.D

Acq: 23 Jul 2016 1:27

Tgt Ion: 136 Resp: 502096

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.9	7.3	10.9
68	6.5	5.3	7.9

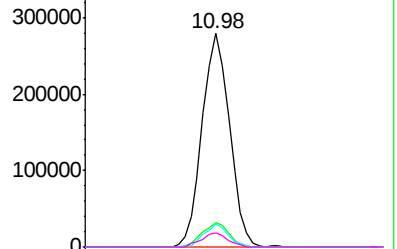


Abundance Ion 136.00 (135.70 to 136.70): BGC

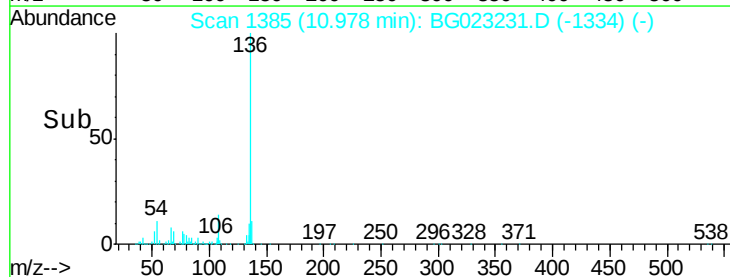
Ion 137.00 (136.70 to 137.70): BGC

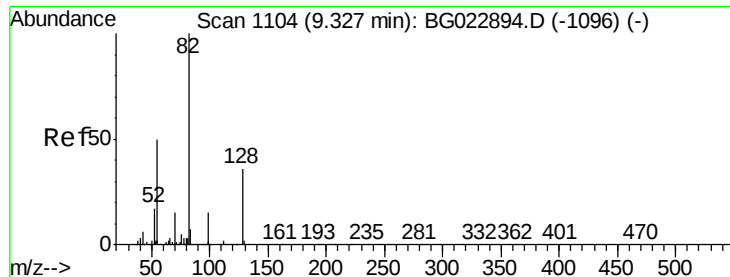
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

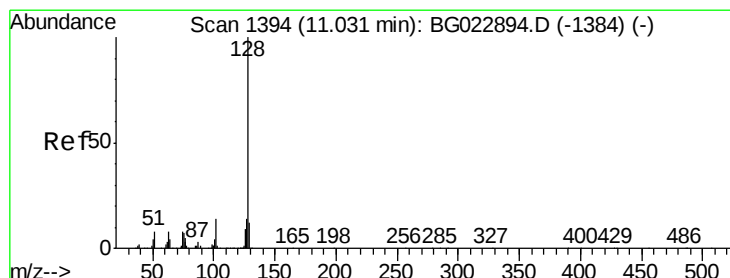
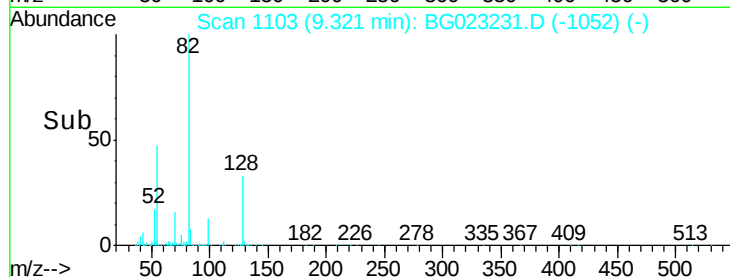
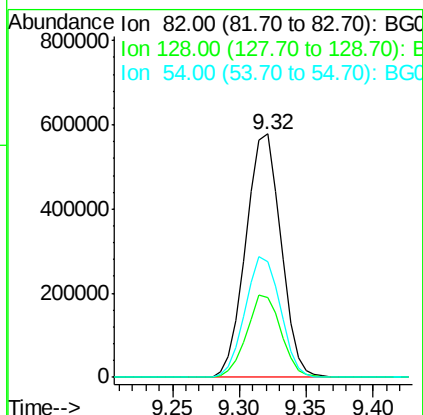
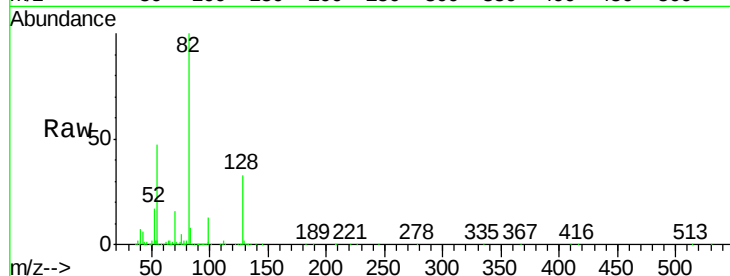




#23
 Nitrobenzene-d5
 Concen: 89.65 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: BG023231.D
 Acq: 23 Jul 2016 1:27

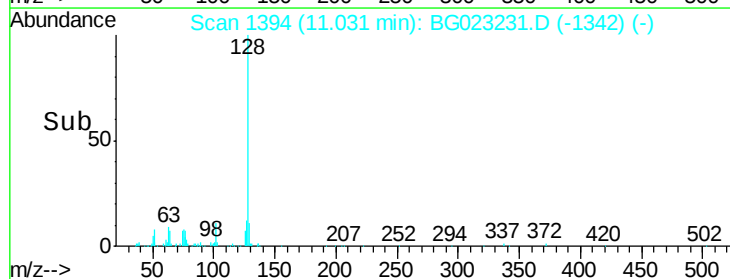
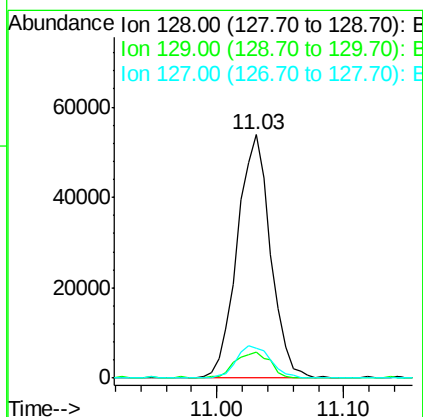
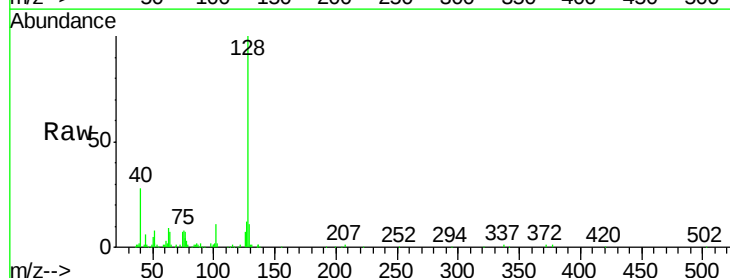
Instrument :
 BNA_G
 ClientSampleId :
 D-10

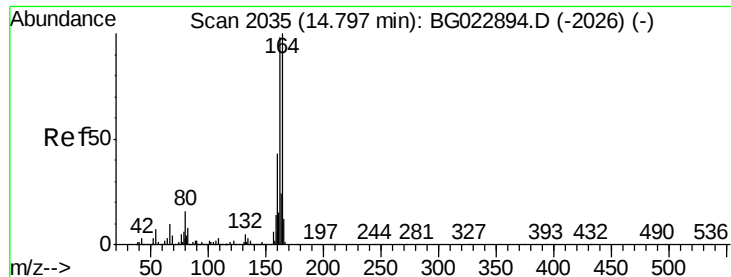
Tgt Ion: 82 Resp: 1051215
 Ion Ratio Lower Upper
 82 100
 128 32.8 24.4 36.6
 54 47.2 41.4 62.0



#31
 Naphthalene
 Concen: 3.82 ng
 RT: 11.03 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BG023231.D
 Acq: 23 Jul 2016 1:27

Tgt Ion: 128 Resp: 97719
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.4 14.0
 127 12.3 11.3 16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG023231.D

Acq: 23 Jul 2016 1:27

Instrument :

BNA_G

ClientSampleId :

D-10

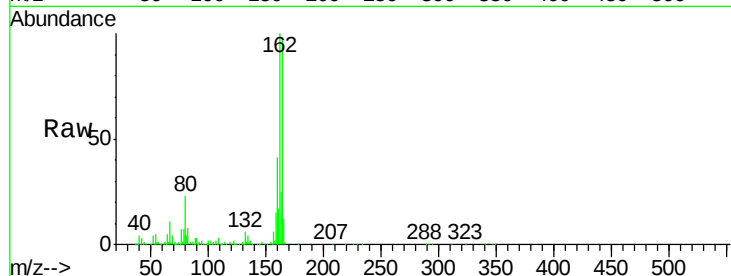
Tgt Ion:164 Resp: 358400

Ion Ratio Lower Upper

164 100

162 103.1 87.7 131.5

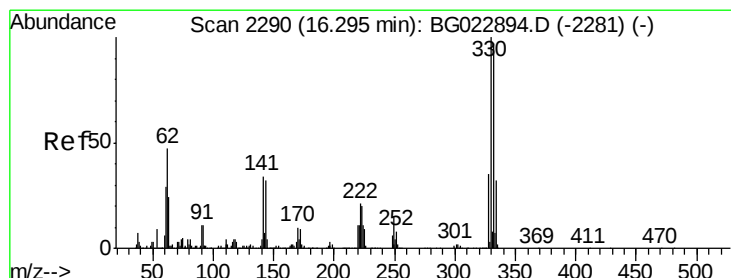
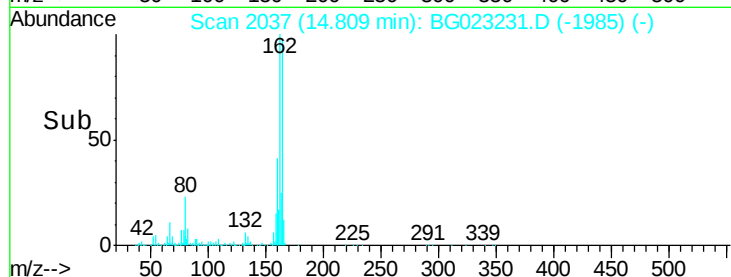
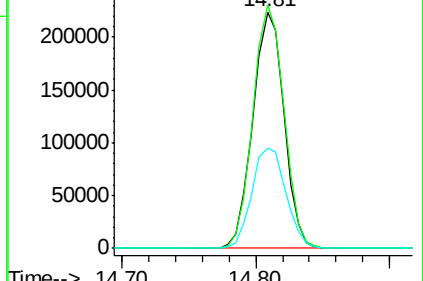
160 42.7 37.2 55.8



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: 98.68 ng

RT: 16.31 min Scan# 2292

Delta R.T. 0.01 min

Lab File: BG023231.D

Acq: 23 Jul 2016 1:27

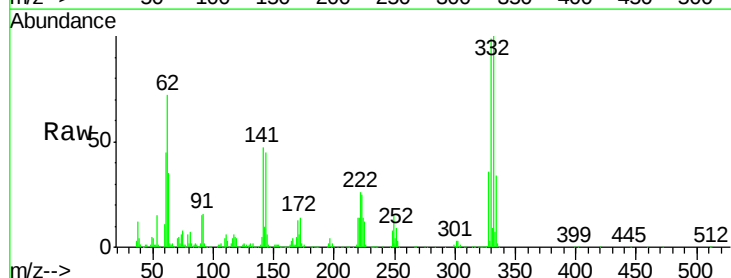
Tgt Ion:330 Resp: 635646

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.2

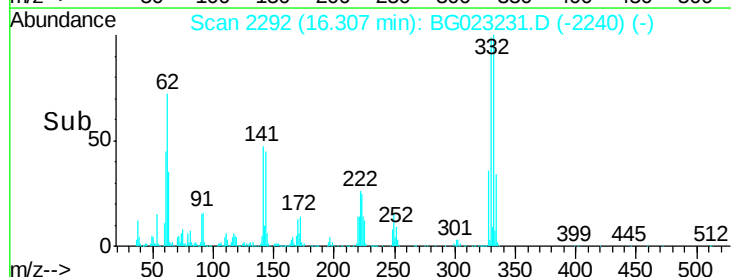
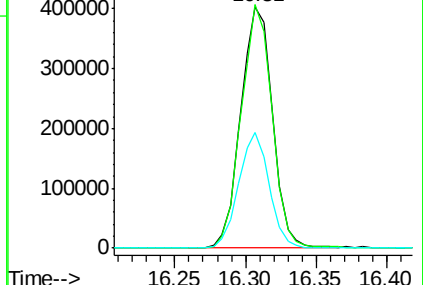
141 45.9 31.7 47.5

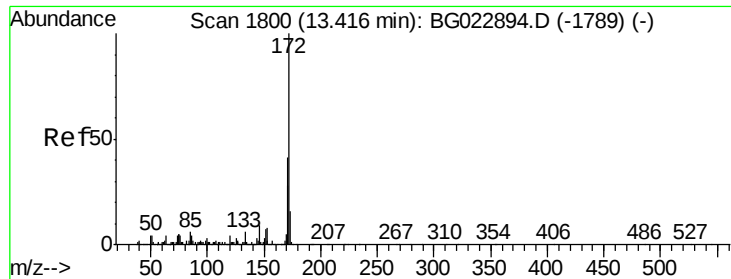


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

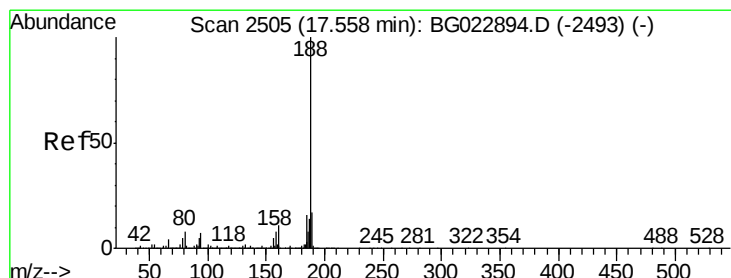
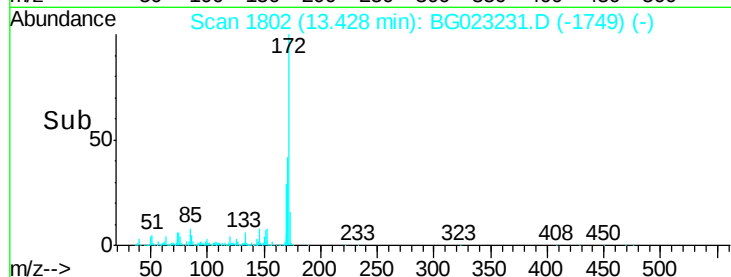
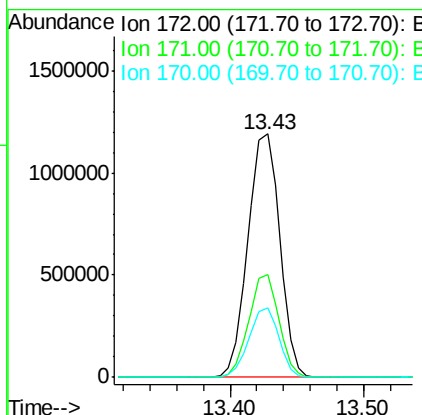
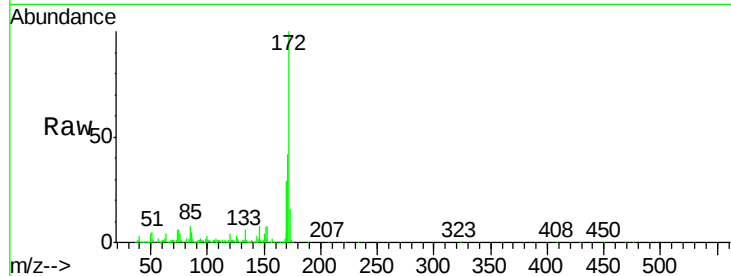




#44
 2-Fluorobiphenyl
 Concen: 86.06 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023231.D
 Acq: 23 Jul 2016 1:27

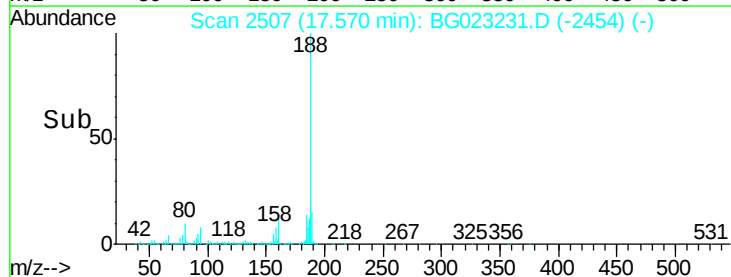
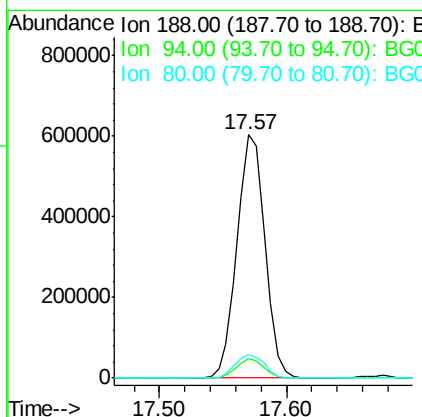
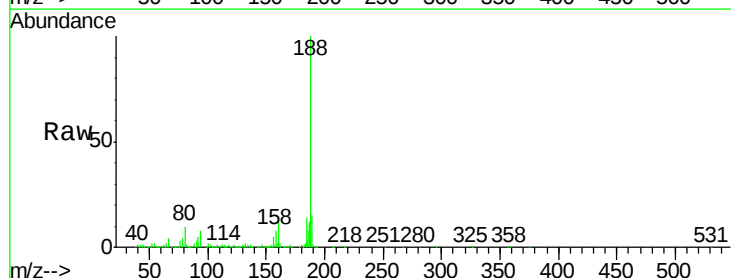
Instrument :
 BNA_G
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 D-10

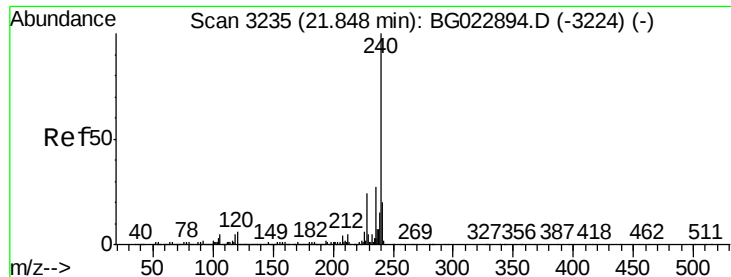
Tgt Ion:172 Resp: 1958140
 Ion Ratio Lower Upper
 172 100
 171 42.3 31.6 47.4
 170 28.8 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2507
 Delta R.T. 0.01 min
 Lab File: BG023231.D
 Acq: 23 Jul 2016 1:27

Tgt Ion:188 Resp: 920250
 Ion Ratio Lower Upper
 188 100
 94 8.1 5.2 7.8#
 80 9.7 7.2 10.8

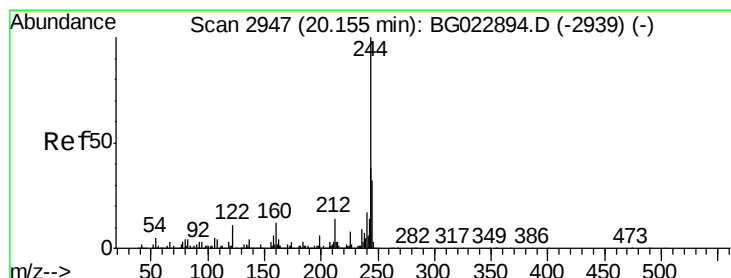
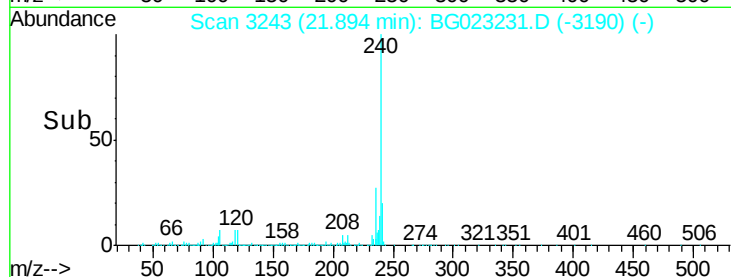
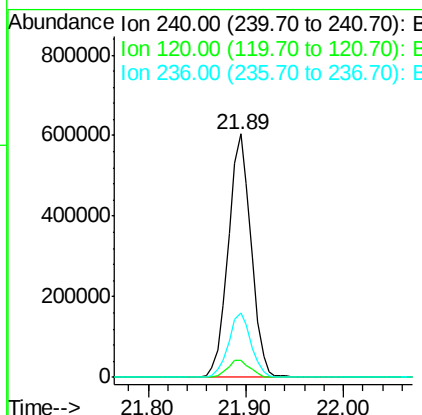
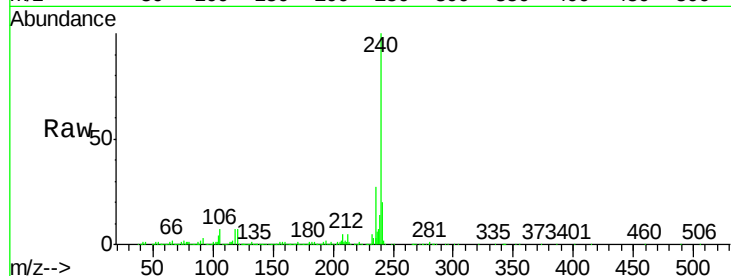




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BG023231.D
Acq: 23 Jul 2016 1:27

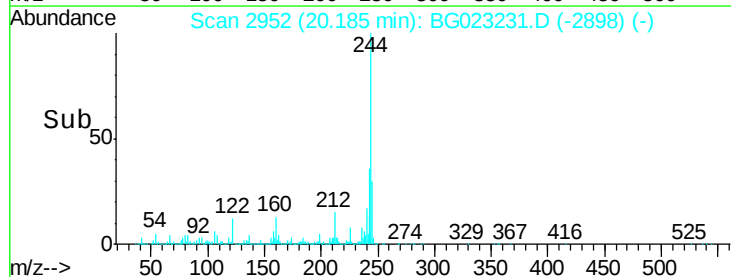
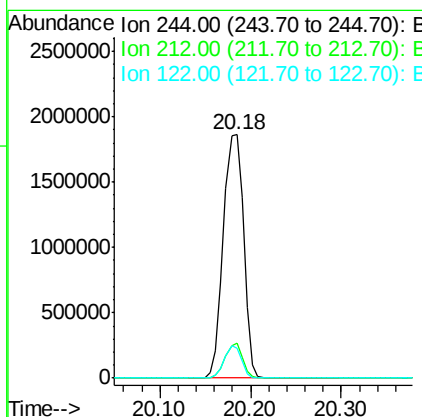
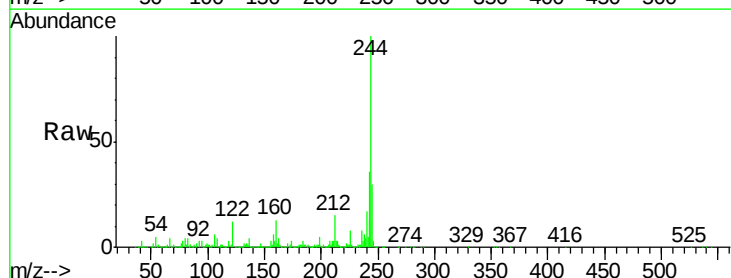
Instrument :
BNA_G
ClientSampleId :
D-10

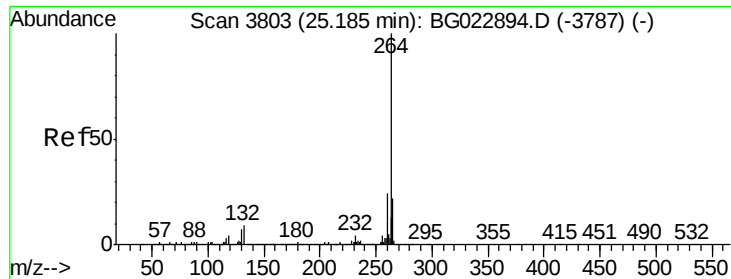
Tgt Ion:240 Resp: 972722
Ion Ratio Lower Upper
240 100
120 7.0 4.1 6.1#
236 26.7 21.1 31.7



#78
Terphenyl-d14
Concen: 102.33 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.02 min
Lab File: BG023231.D
Acq: 23 Jul 2016 1:27

Tgt Ion:244 Resp: 2903928
Ion Ratio Lower Upper
244 100
212 14.6 10.8 16.2
122 12.3 8.0 12.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.30 min Scan# 3823

Delta R.T. 0.03 min

Lab File: BG023231.D

Acq: 23 Jul 2016 1:27

Instrument :

BNA_G

ClientSampleId :

D-10

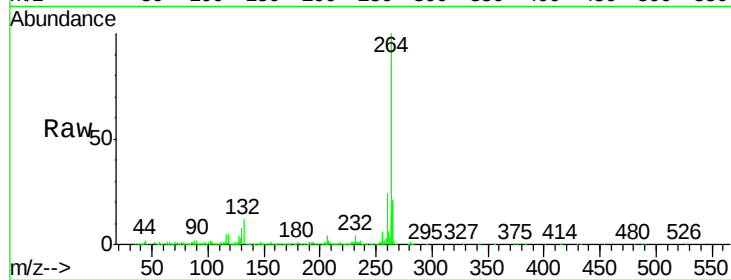
Tgt Ion: 264 Resp: 929181

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.5 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

