

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071416\
 Data File : BG023105.D
 Acq On : 14 Jul 2016 17:32
 Operator : UM/SJ
 Sample : H3996-25
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D8-B1(5-11)C

Quant Time: Jul 14 18:52:48 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

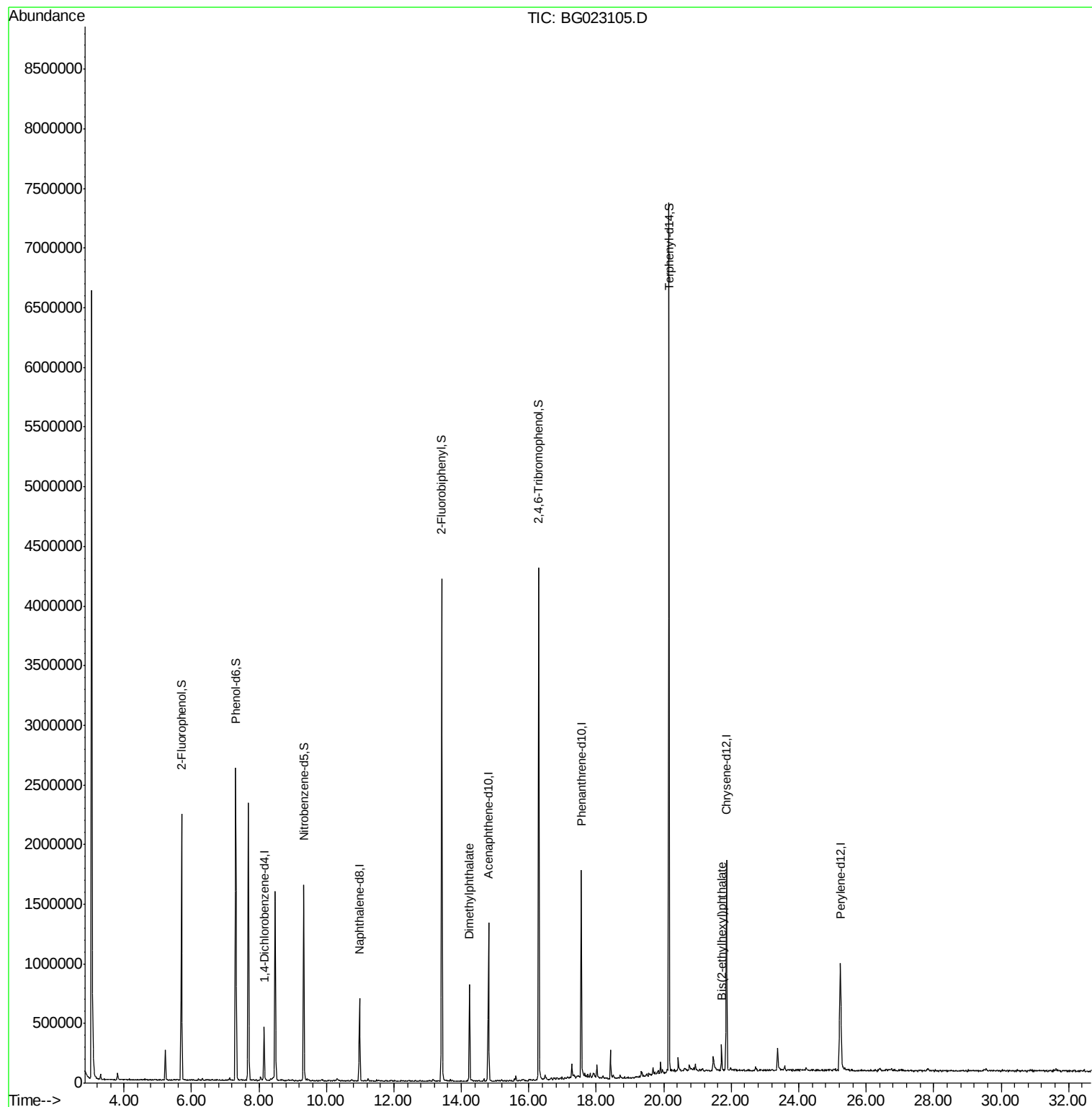
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	114416	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	562457	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	455004	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1034696	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1110092	20.00	ng	0.01
86) Perylene-d12	25.23	264	1122366	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	875469	125.14	ng	0.00
7) Phenol-d6	7.31	99	1464486	133.66	ng	0.00
23) Nitrobenzene-d5	9.33	82	1055717	80.37	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	800023	97.83	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2064897	71.48	ng	0.00
78) Terphenyl-d14	20.16	244	2619209	69.90	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	504948	13.59	ng	99
83) Bis(2-ethylhexyl)phthalate	21.72	149	92673	2.70	ng	98

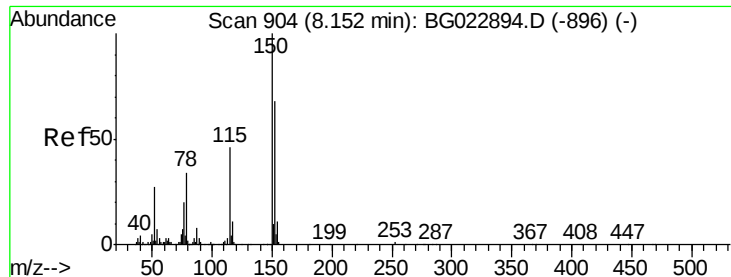
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.01 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

Instrument :

BNA_G

ClientSampleId :

D8-B1(5-11)C

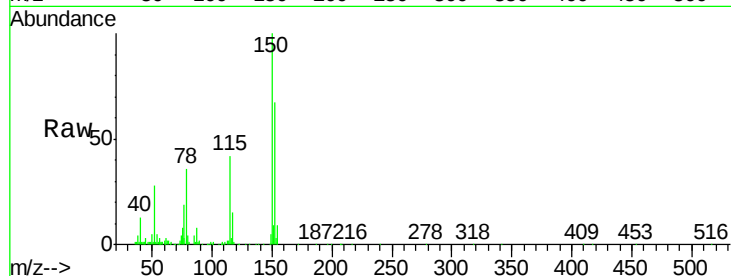
Tgt Ion:152 Resp: 114416

Ion Ratio Lower Upper

152 100

150 149.4 144.7 217.1

115 63.5 64.0 96.0#



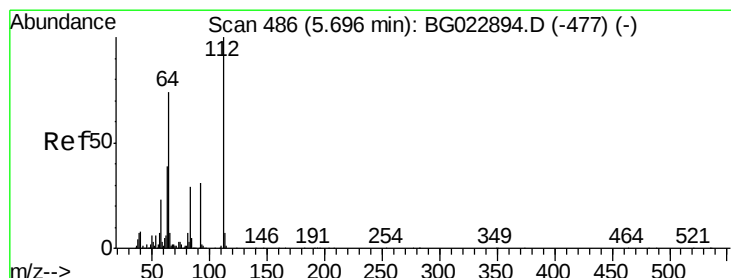
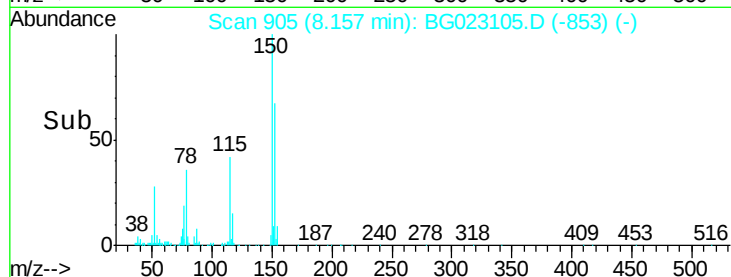
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.16

Time-->



#5

2-Fluorophenol

Concen: 125.14 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

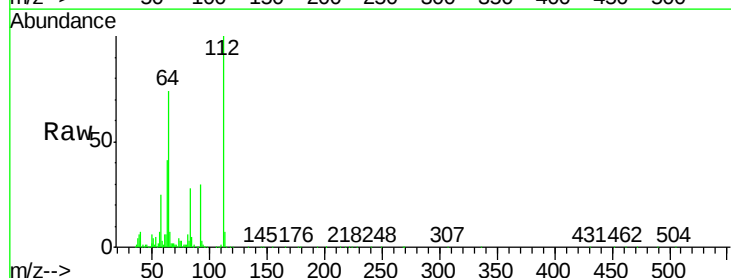
Tgt Ion:112 Resp: 875469

Ion Ratio Lower Upper

112 100

64 73.6 59.0 88.4

63 41.4 37.8 56.8



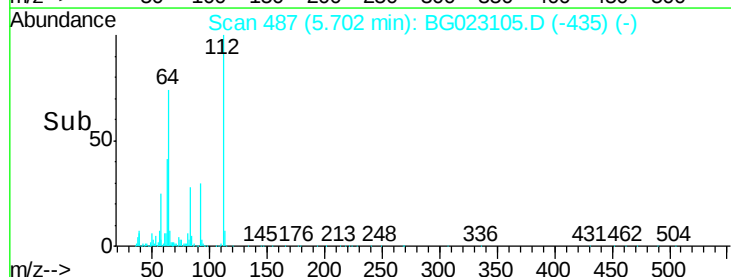
Abundance Ion 112.00 (111.70 to 112.70): E

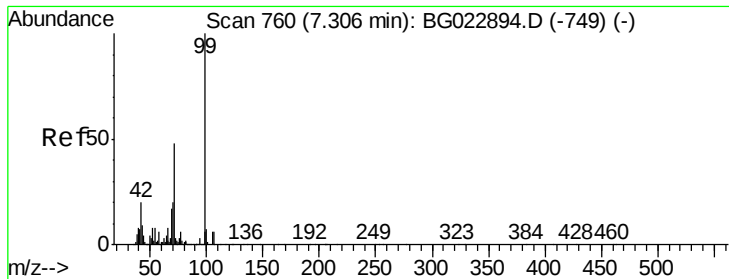
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.70

Time-->





#7

Phenol-d6

Concen: 133.66 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

Instrument :

BNA_G

ClientSampleId :

D8-B1(5-11)C

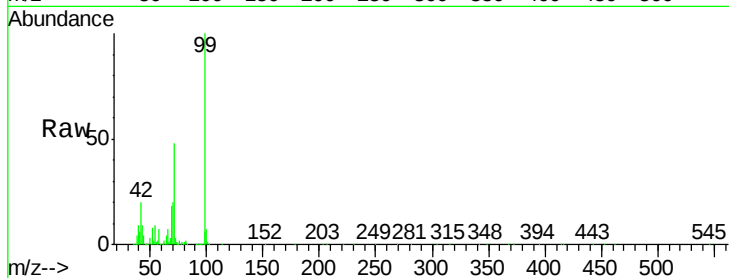
Tgt Ion: 99 Resp: 1464486

Ion Ratio Lower Upper

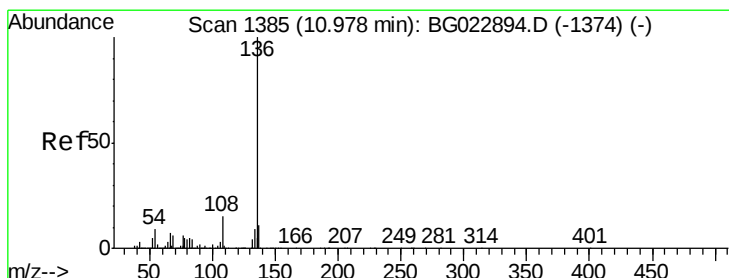
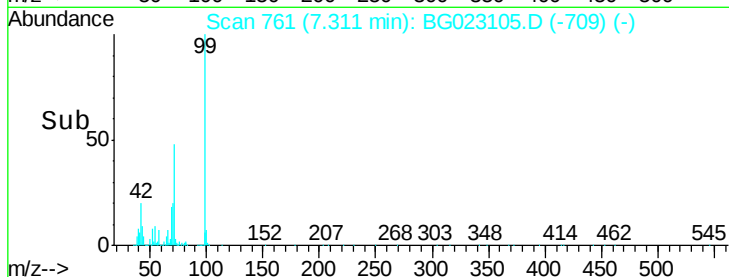
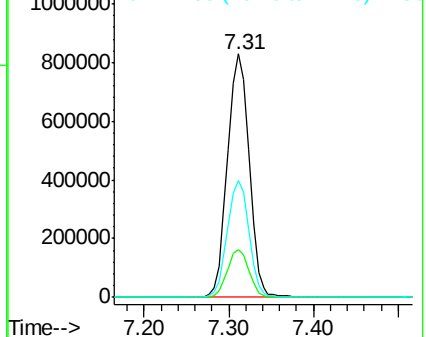
99 100

42 19.9 17.8 26.6

71 47.9 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. 0.01 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

Tgt Ion: 136 Resp: 562457

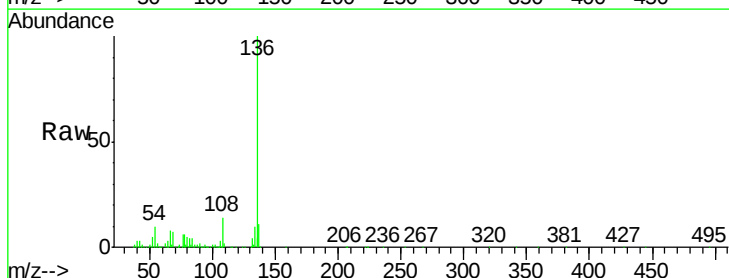
Ion Ratio Lower Upper

136 100

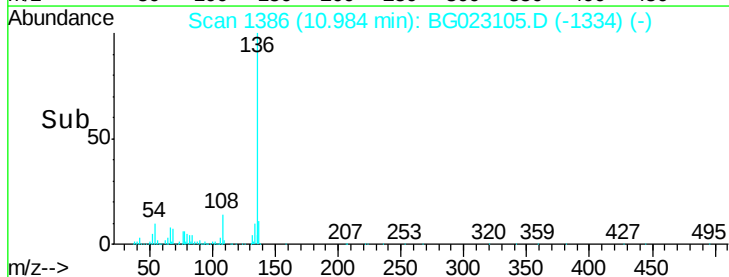
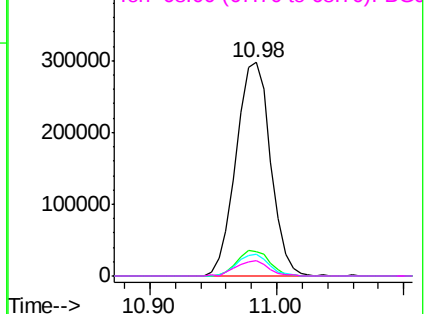
137 11.3 9.6 14.4

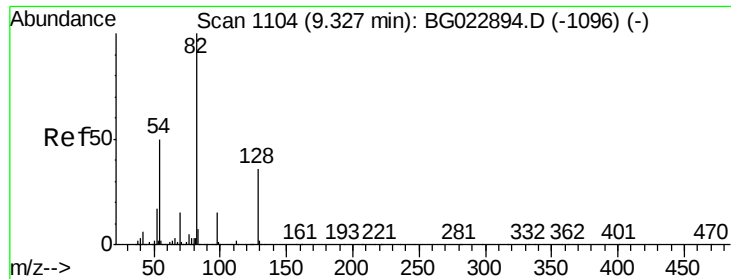
54 10.0 7.3 10.9

68 7.0 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

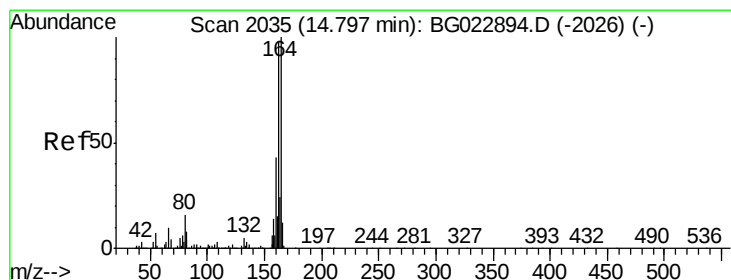
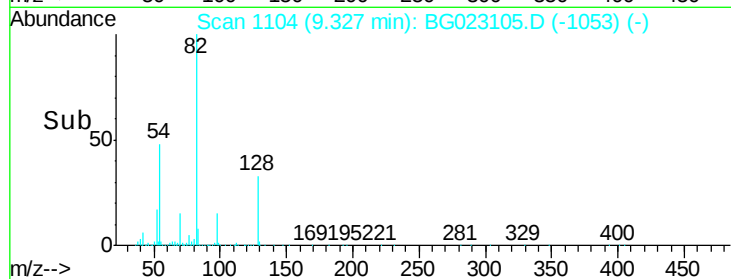
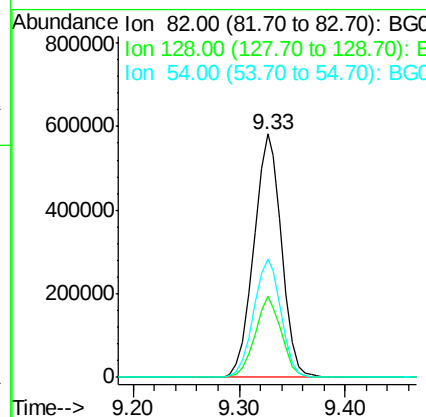
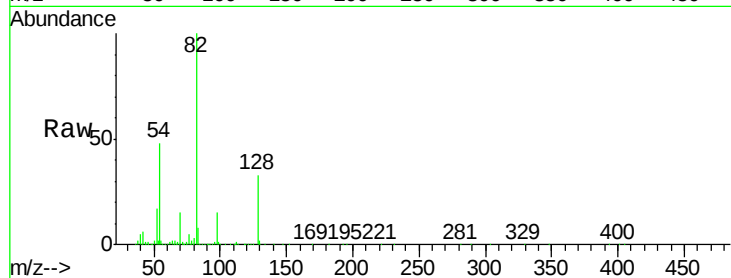




#23
 Nitrobenzene-d5
 Concen: 80.37 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023105.D
 Acq: 14 Jul 2016 17:32

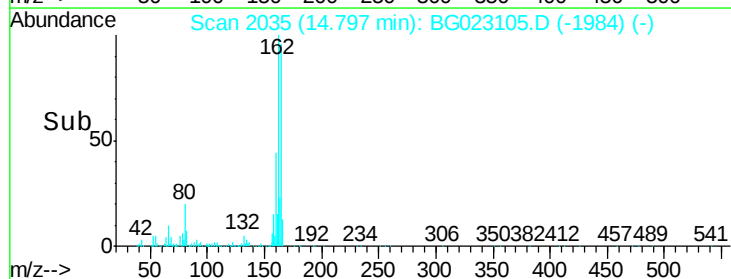
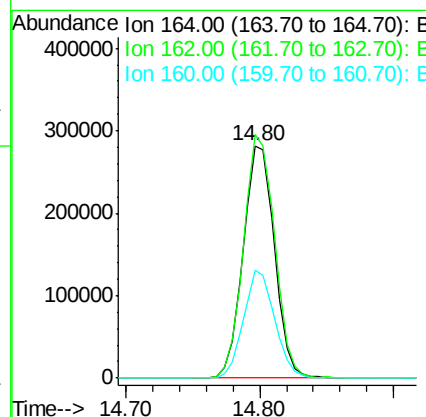
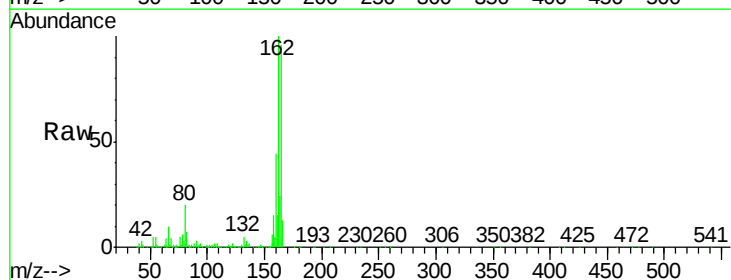
Instrument :
 BNA_G
 ClientSampleId :
 D8-B1(5-11)C

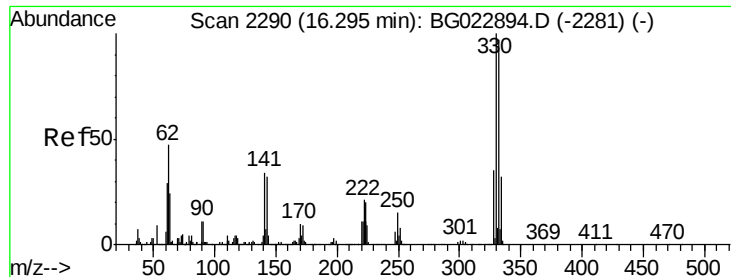
Tgt Ion: 82 Resp: 1055717
 Ion Ratio Lower Upper
 82 100
 128 33.2 24.4 36.6
 54 48.4 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG023105.D
 Acq: 14 Jul 2016 17:32

Tgt Ion: 164 Resp: 455004
 Ion Ratio Lower Upper
 164 100
 162 104.6 87.7 131.5
 160 46.4 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 97.83 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

Instrument :

BNA_G

ClientSampleId :

D8-B1(5-11)C

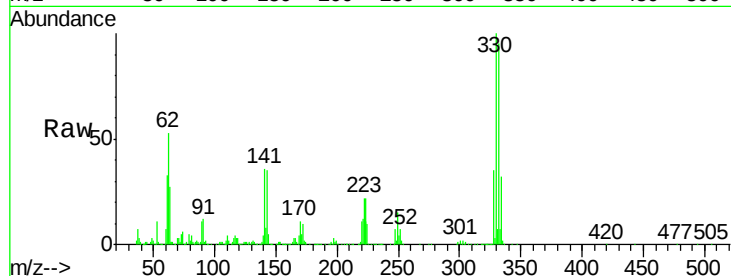
Tgt Ion:330 Resp: 800023

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

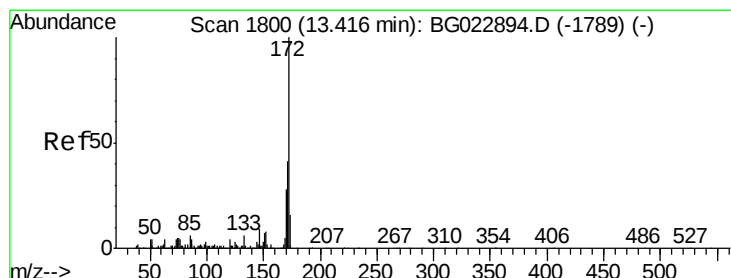
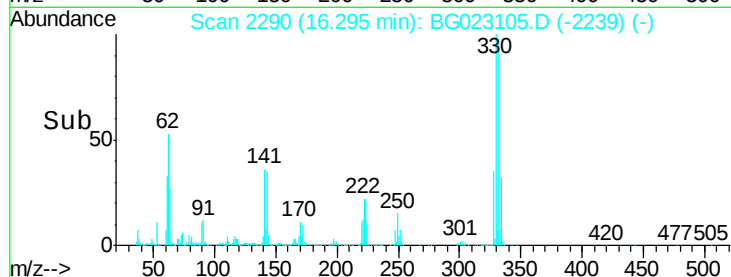
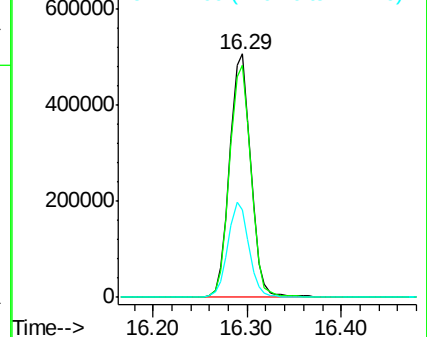
141 38.5 31.7 47.5



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: 71.48 ng

RT: 13.42 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

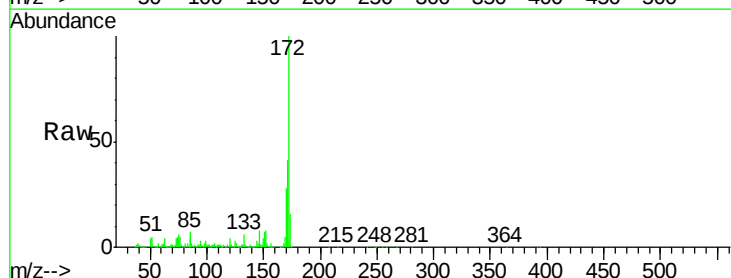
Tgt Ion:172 Resp: 2064897

Ion Ratio Lower Upper

172 100

171 41.2 31.6 47.4

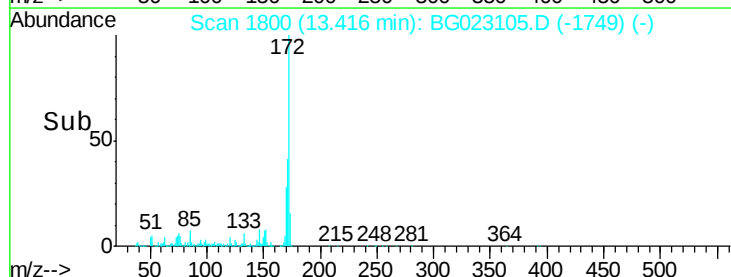
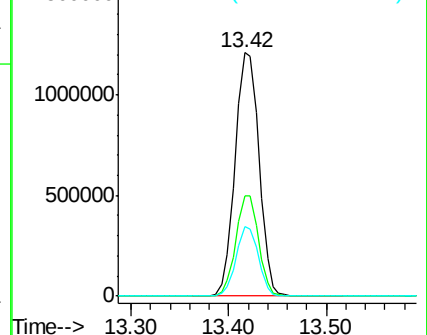
170 28.4 21.3 31.9

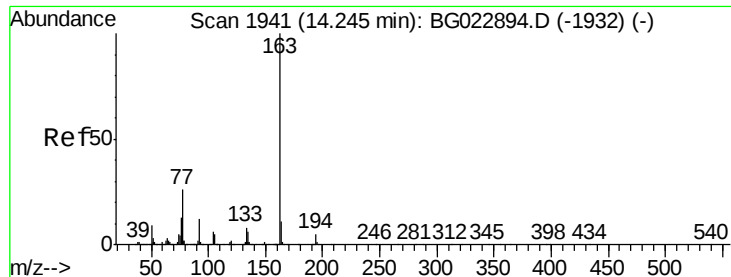


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

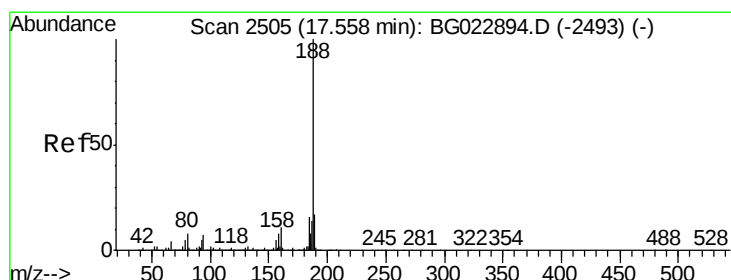
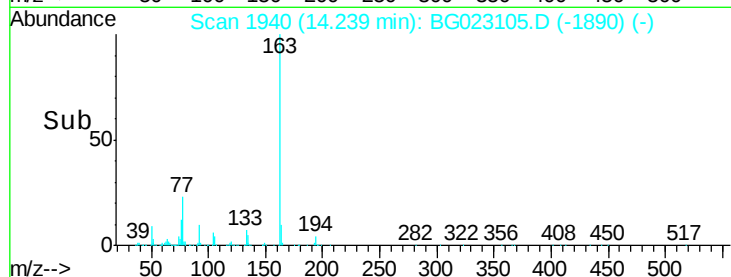
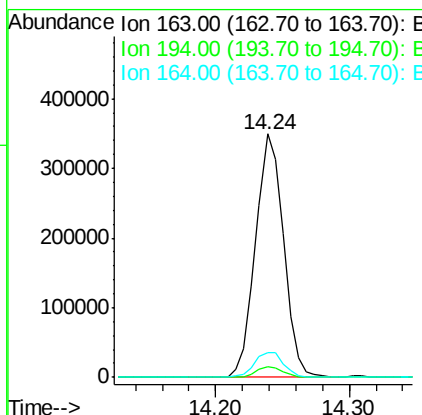
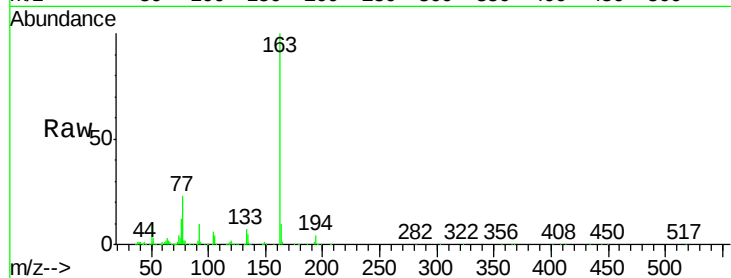




#49
Dimethylphthalate
Concen: 13.59 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023105.D
Acq: 14 Jul 2016 17:32

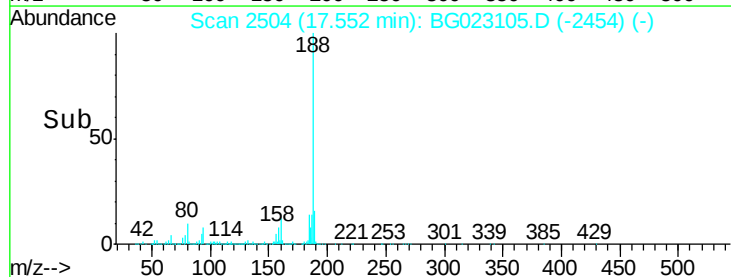
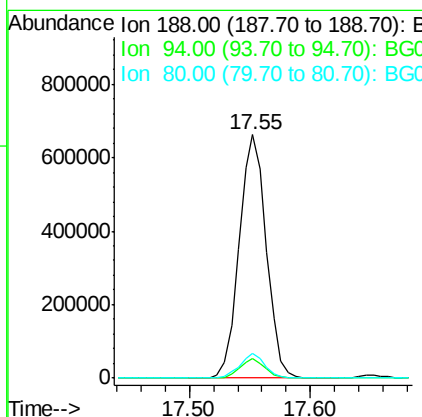
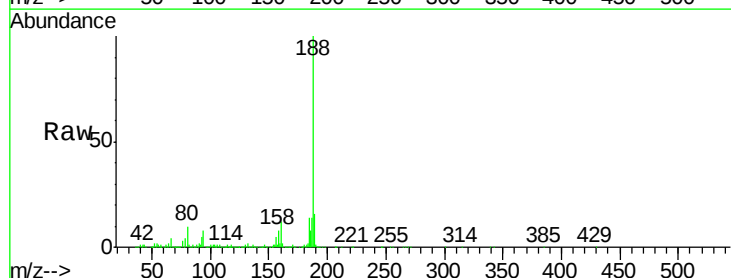
Instrument :
BNA_G
ClientSampleId :
D8-B1(5-11)C

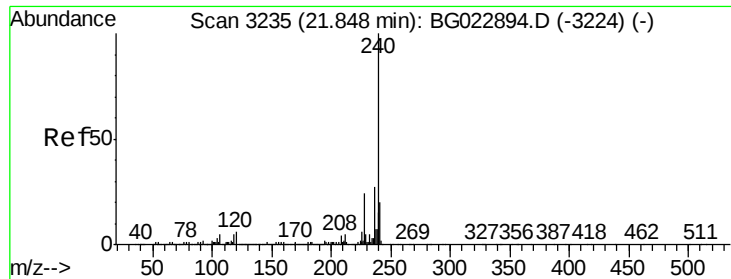
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.4	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023105.D
Acq: 14 Jul 2016 17:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.2	7.8#
80	10.2	7.2	10.8

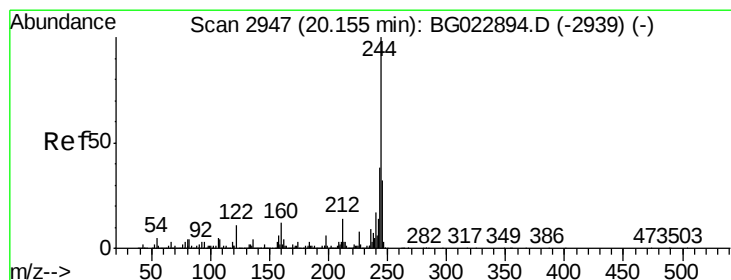
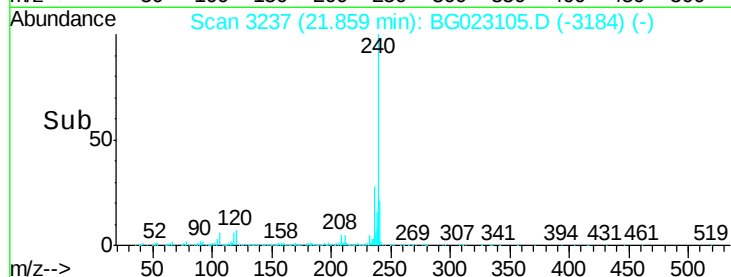
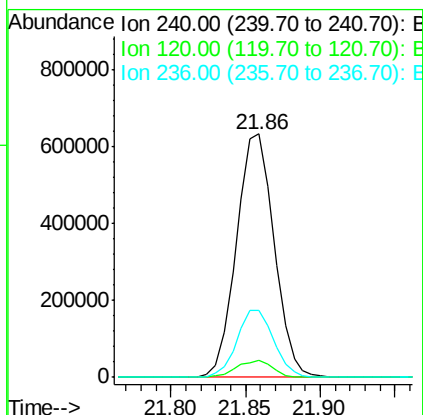
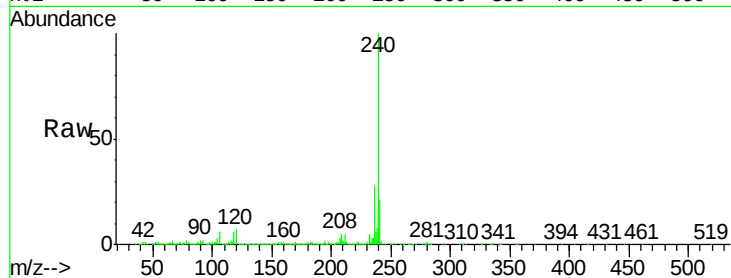




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG023105.D
Acq: 14 Jul 2016 17:32

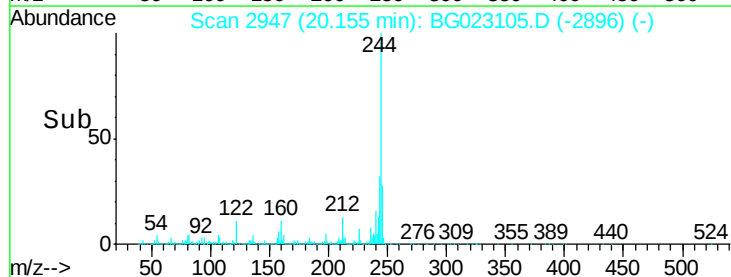
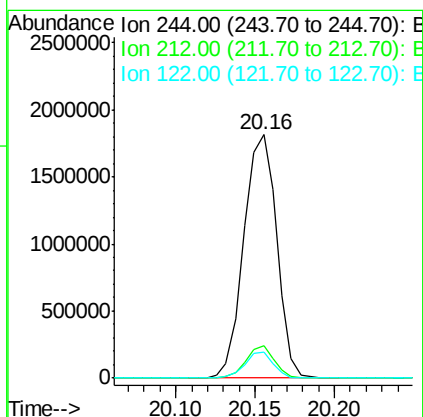
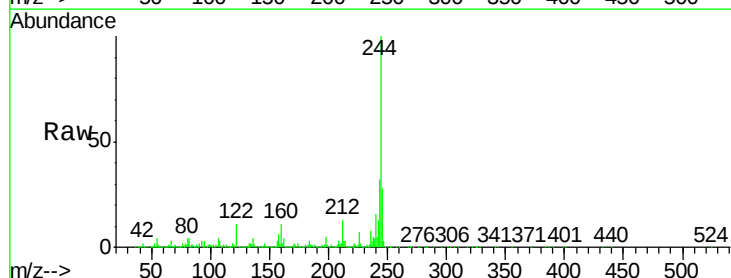
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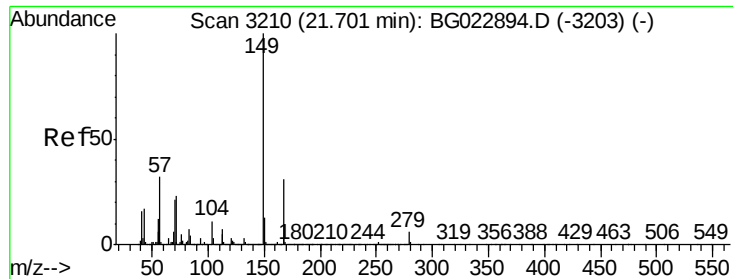
Tgt Ion:240 Resp: 1110092
Ion Ratio Lower Upper
240 100
120 6.8 4.1 6.1#
236 27.7 21.1 31.7



#78
Terphenyl-d14
Concen: 69.90 ng
RT: 20.16 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG023105.D
Acq: 14 Jul 2016 17:32

Tgt Ion:244 Resp: 2619209
Ion Ratio Lower Upper
244 100
212 13.3 10.8 16.2
122 10.9 8.0 12.0

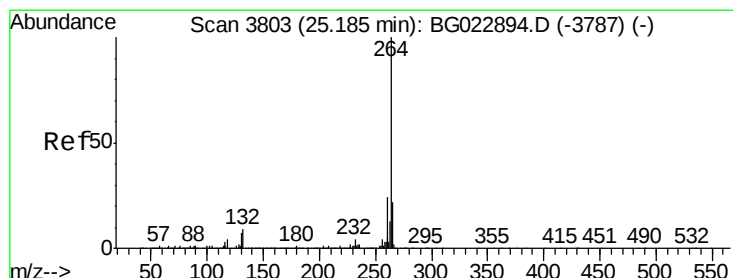
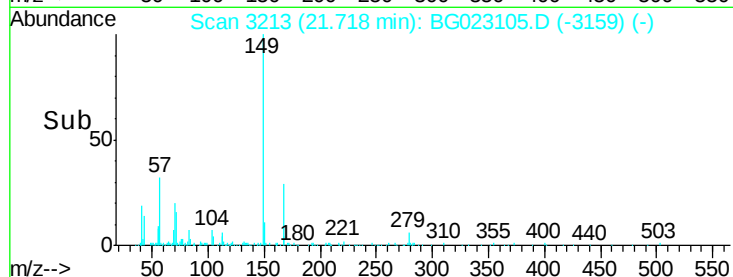
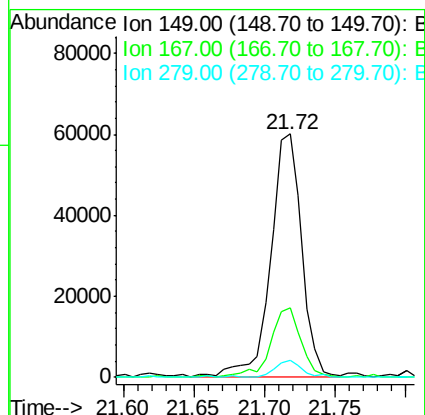
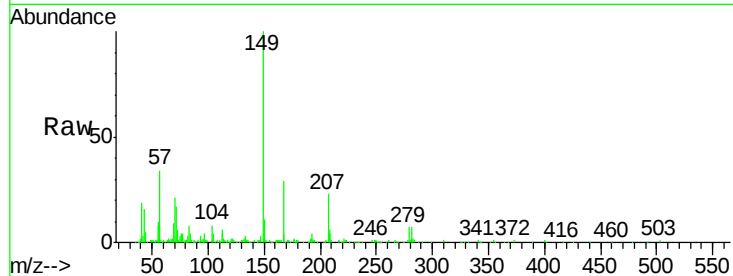




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.70 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. 0.02 min
 Lab File: BG023105.D
 Acq: 14 Jul 2016 17:32

Instrument :
 BNA_G
 ClientSampleId :
 D8-B1(5-11)C

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.0	36.0
279	6.8	4.8	7.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3811
 Delta R.T. 0.05 min
 Lab File: BG023105.D
 Acq: 14 Jul 2016 17:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.0	18.9	28.3

