

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023021.D
 Acq On : 12 Jul 2016 4:38
 Operator : UM/SJ
 Sample : H3967-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0010

Quant Time: Jul 12 07:34:45 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

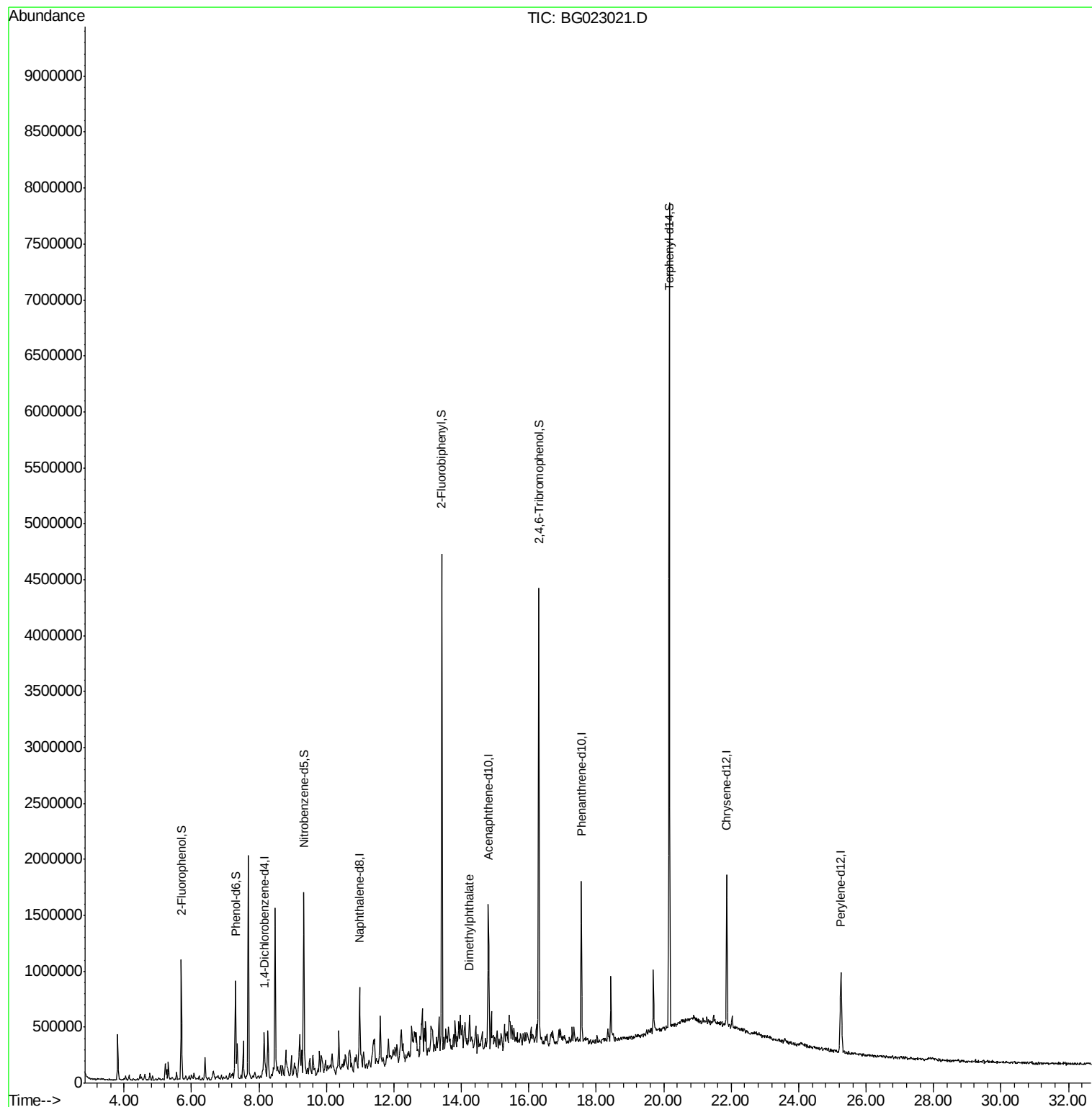
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	103092	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	506461	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	395213	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	822158	20.00	ng	0.00
75) Chrysene-d12	21.87	240	860002	20.00	ng	0.02
86) Perylene-d12	25.25	264	883639	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	440294	69.85	ng	0.00
7) Phenol-d6	7.31	99	490854	49.72	ng	0.00
23) Nitrobenzene-d5	9.32	82	1034906	87.50	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	774212	109.00	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2156550	85.95	ng	0.00
78) Terphenyl-d14	20.16	244	2659412	109.50	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	177130	5.49	ng	Qvalue 99

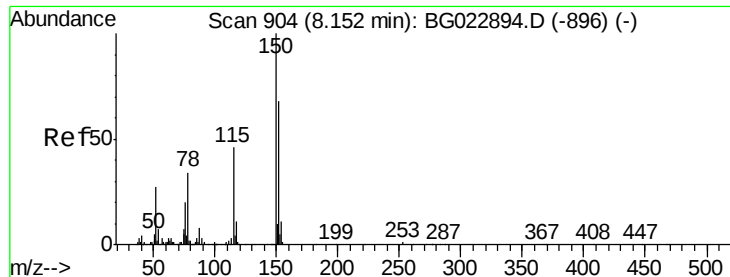
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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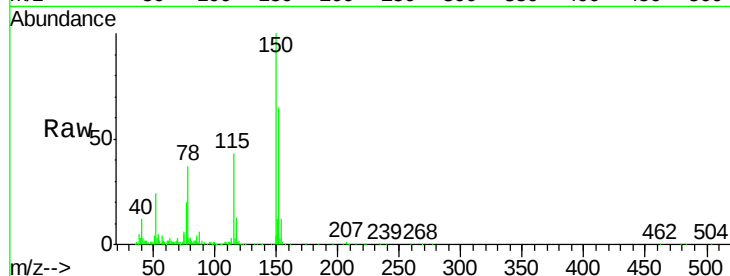


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023021.D
Acq: 12 Jul 2016 4:38

Instrument :
BNA_G
ClientSampleId :
S22-0010

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	144.7	217.1
115	66.9	64.0	96.0

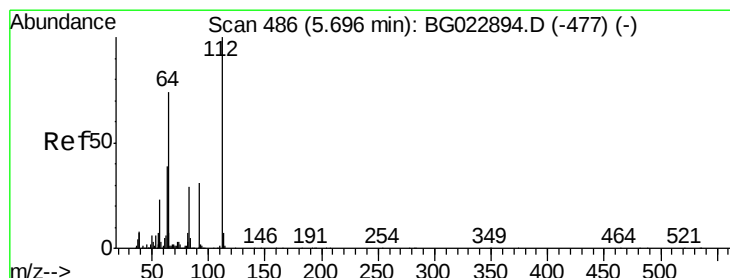
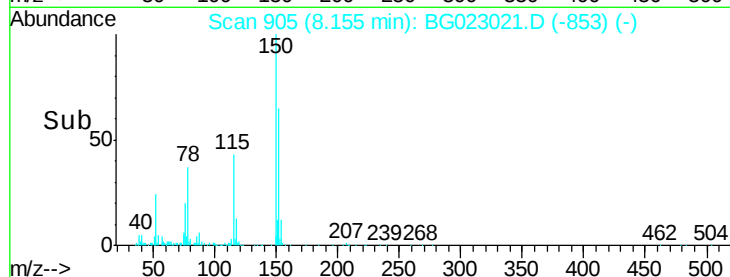
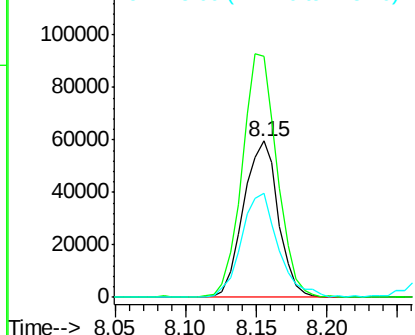


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

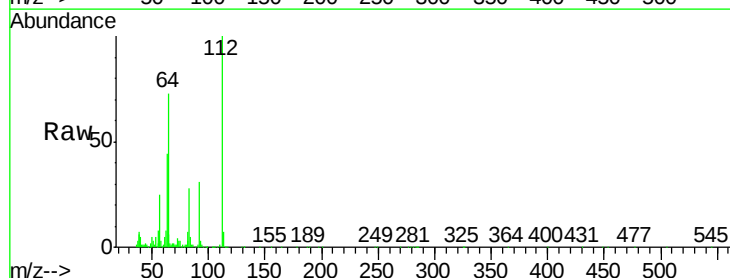
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 69.85 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023021.D
Acq: 12 Jul 2016 4:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	59.0	88.4
63	43.6	37.8	56.8

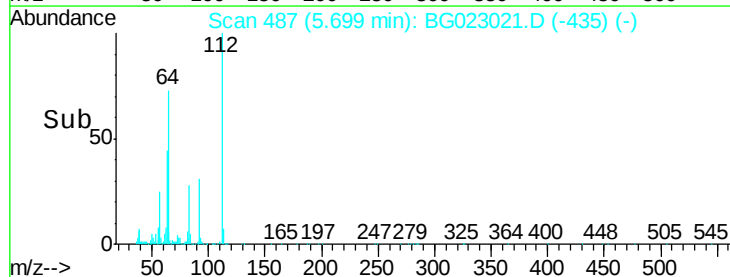
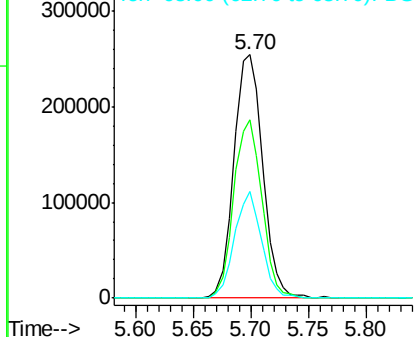


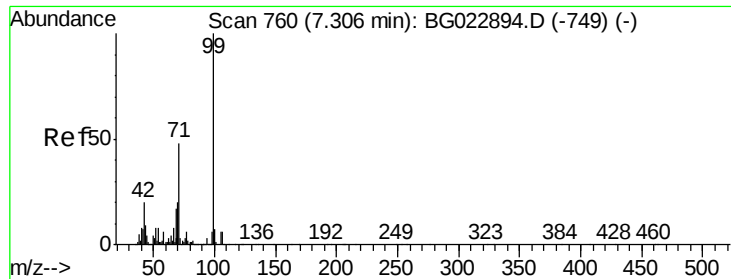
Abundance

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: 49.72 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

Instrument :

BNA_G

ClientSampleId :

S22-0010

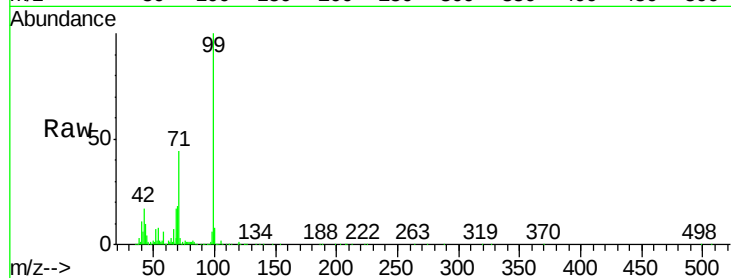
Tot Ion: 99 Resp: 490854

Ion Ratio Lower Upper

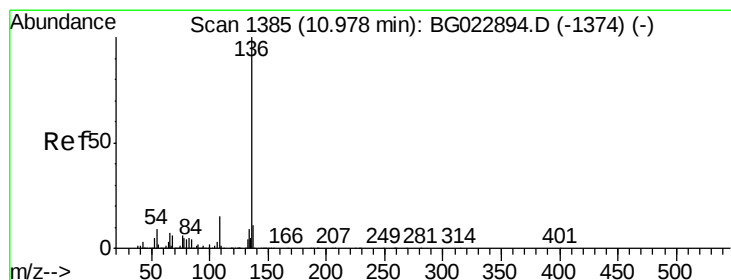
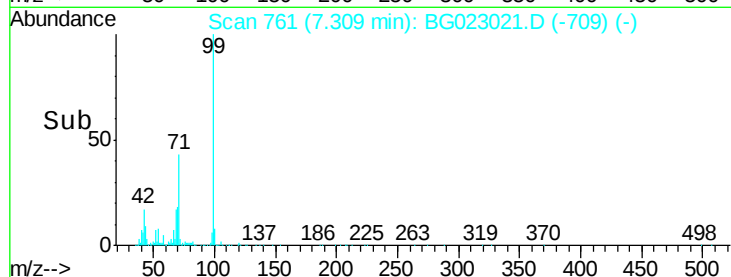
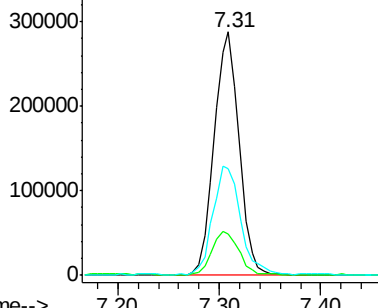
99 100

42 17.1 17.8 26.6#

71 44.1 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: BG023021.D

Acq: 12 Jul 2016 4:38

Tgt Ion: 136 Resp: 506461

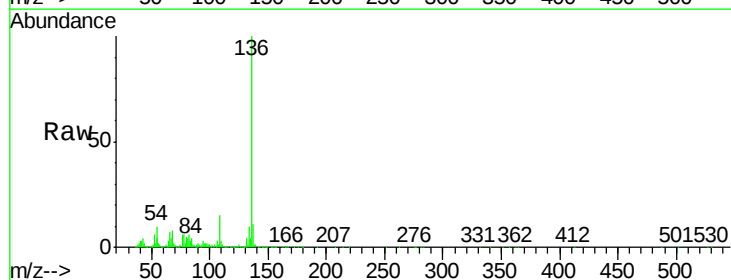
Ion Ratio Lower Upper

136 100

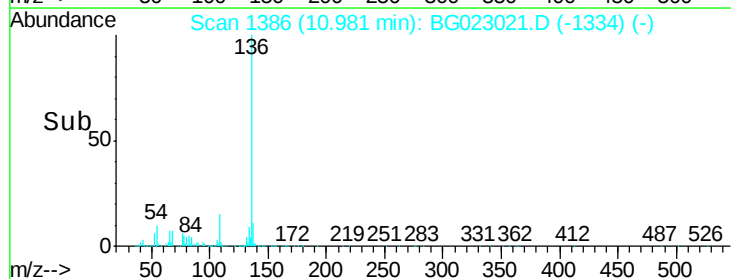
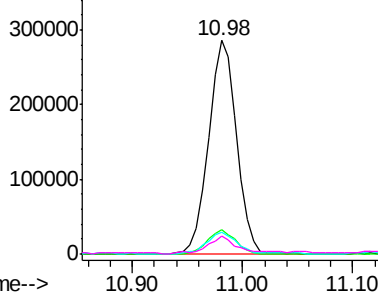
137 11.3 9.6 14.4

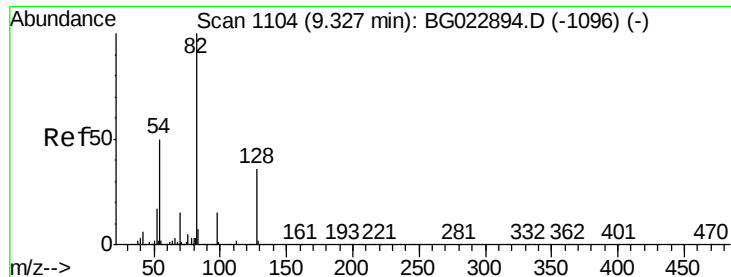
54 10.3 7.3 10.9

68 8.2 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

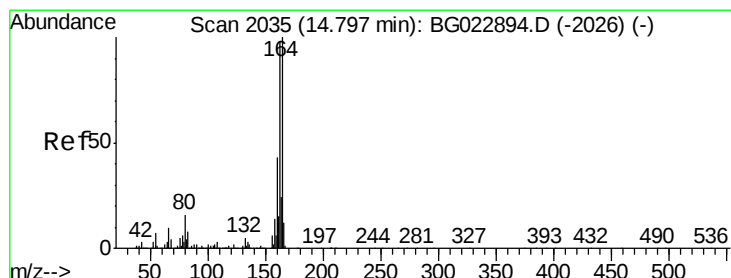
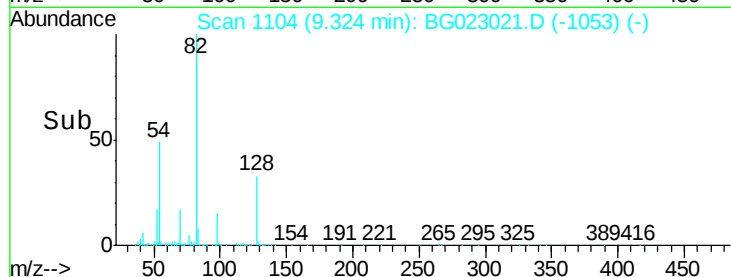
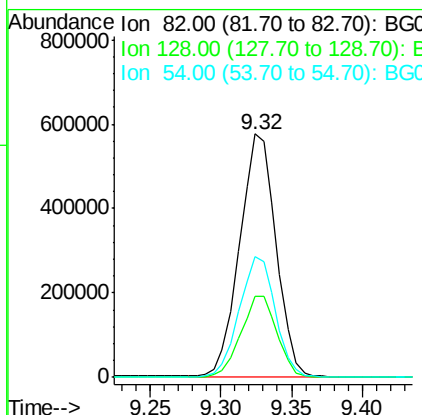
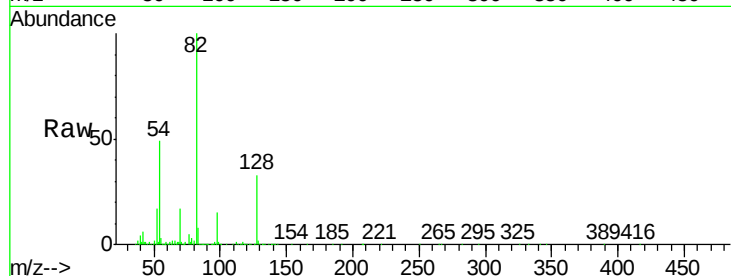




#23
Nitrobenzene-d5
Concen: 87.50 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023021.D
Acq: 12 Jul 2016 4:38

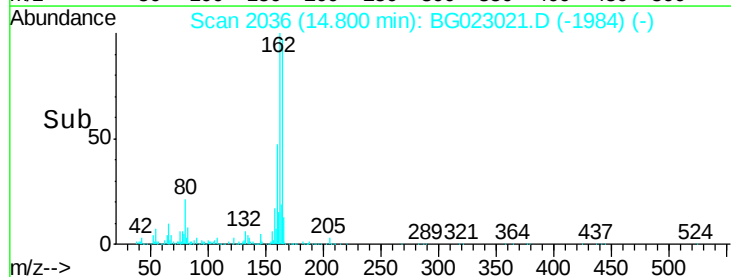
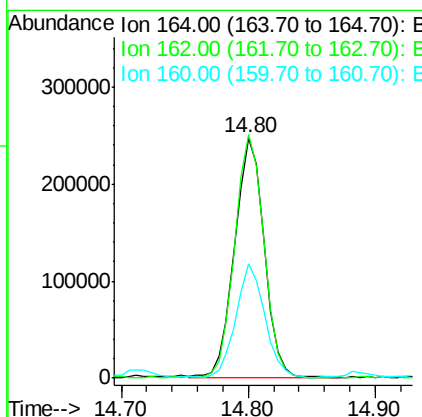
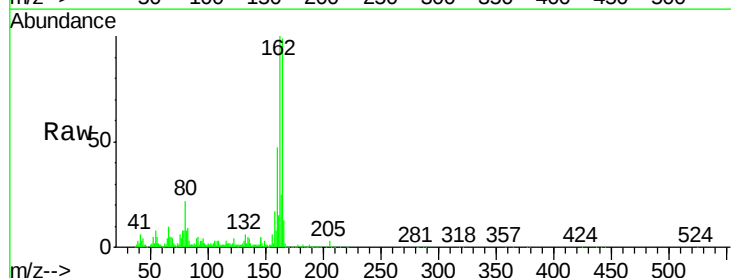
Instrument :
BNA_G
ClientSampleId :
S22-0010

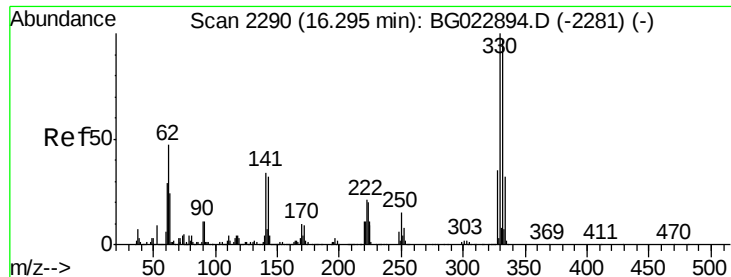
Tot Ion: 82 Resp: 1034906
Ion Ratio Lower Upper
82 100
128 33.4 24.4 36.6
54 49.4 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG023021.D
Acq: 12 Jul 2016 4:38

Tgt Ion: 164 Resp: 395213
Ion Ratio Lower Upper
164 100
162 101.3 87.7 131.5
160 47.6 37.2 55.8

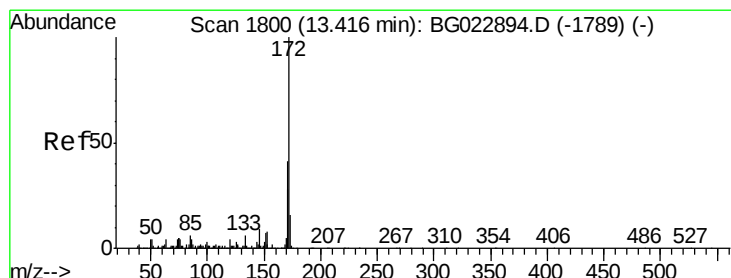
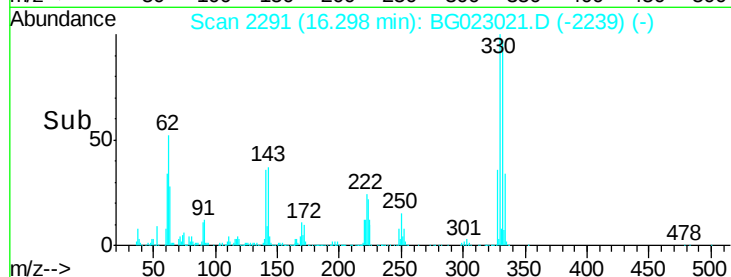
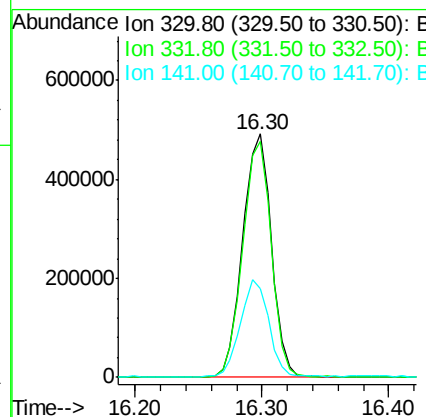
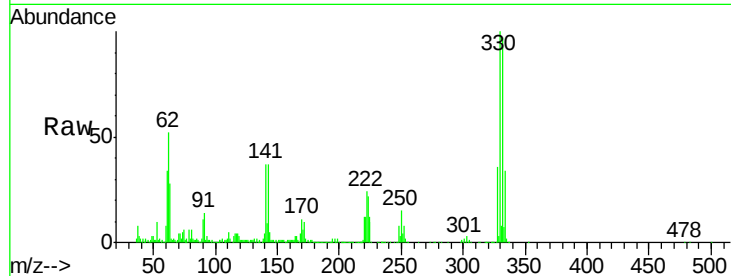




#41
 2,4,6-Tribromophenol
 Concen: 109.00 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023021.D
 Acq: 12 Jul 2016 4:38

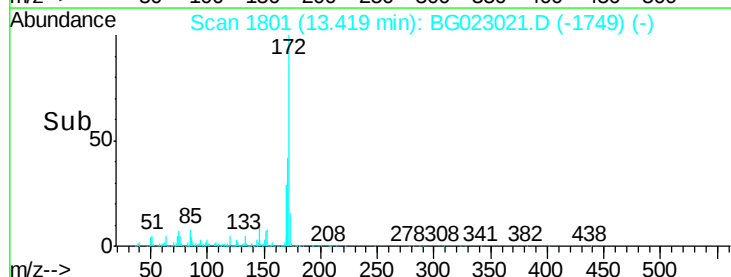
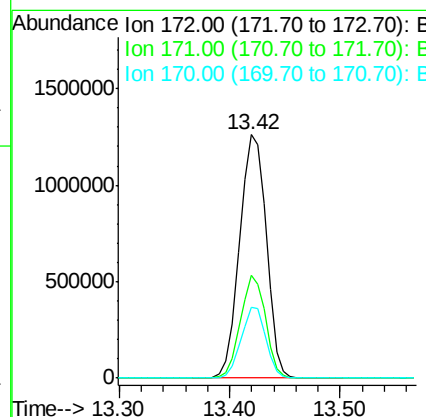
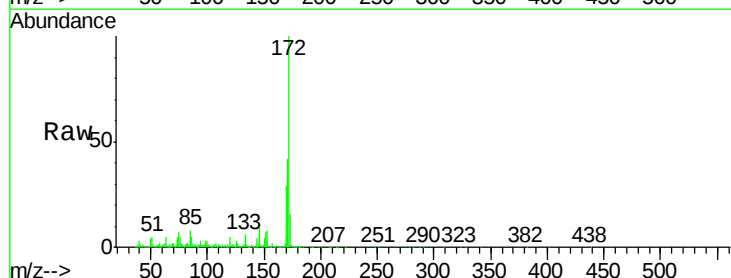
Instrument :
 BNA_G
 ClientSampleId :
 S22-0010

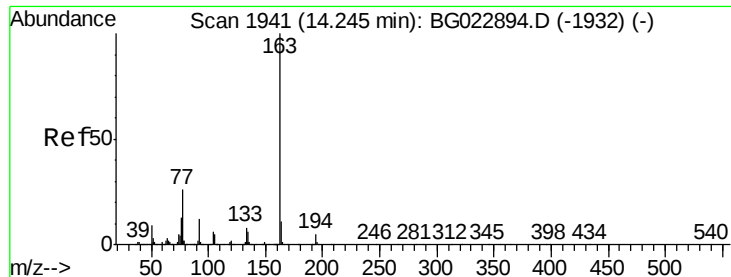
Tot Ion:330 Resp: 774212
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 39.3 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 85.95 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023021.D
 Acq: 12 Jul 2016 4:38

Tgt Ion:172 Resp: 2156550
 Ion Ratio Lower Upper
 172 100
 171 42.4 31.6 47.4
 170 28.9 21.3 31.9





#49

Dimethylphthalate

Concen: 5.49 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

Instrument :

BNA_G

ClientSampleId :

S22-0010

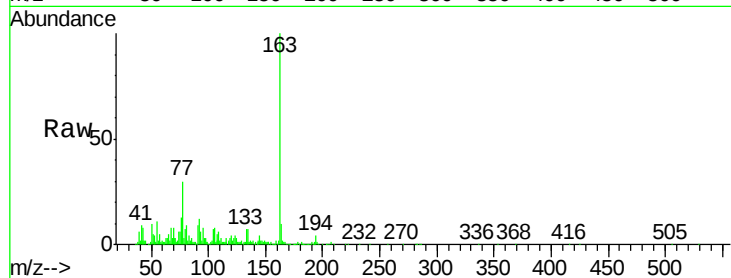
Tot Ion:163 Resp: 177130

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

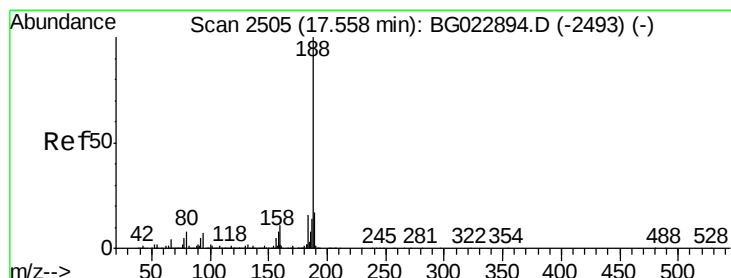
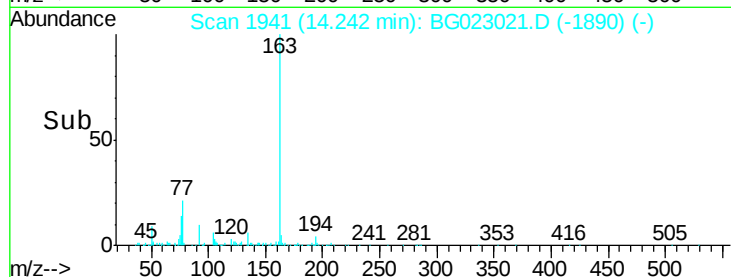
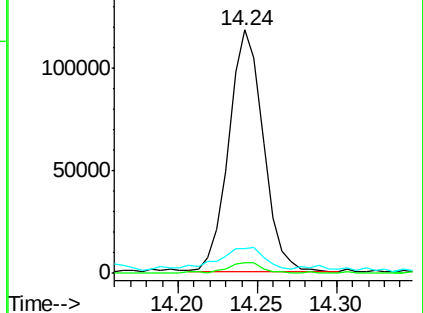
164 10.3 8.1 12.1



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: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

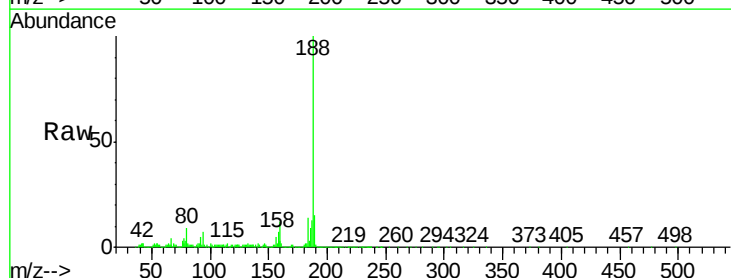
Tgt Ion:188 Resp: 822158

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

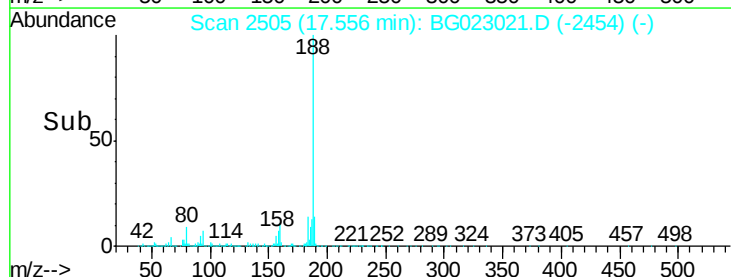
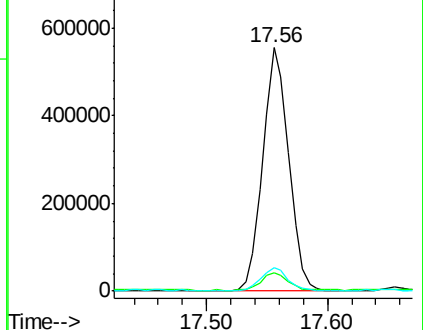
80 9.4 7.2 10.8

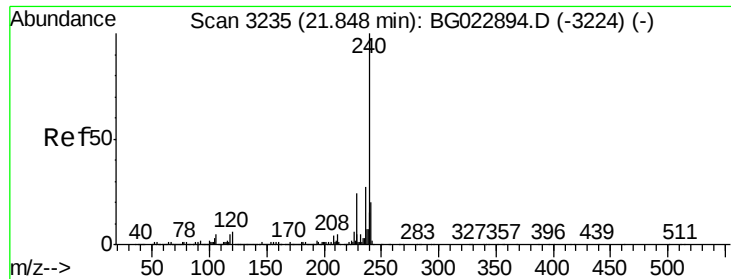


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.87 min Scan# 3239

Delta R.T. 0.02 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

Instrument :

BNA_G

ClientSampleId :

S22-0010

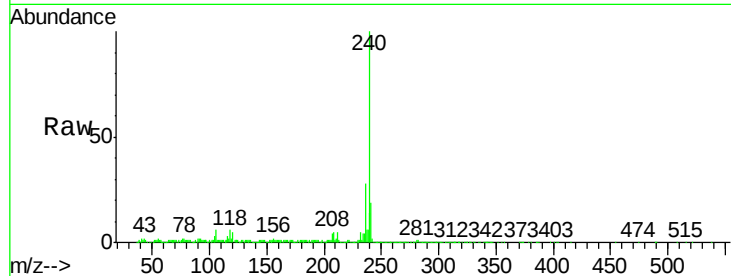
Tot Ion:240 Resp: 860002

Ion Ratio Lower Upper

240 100

120 5.1 4.1 6.1

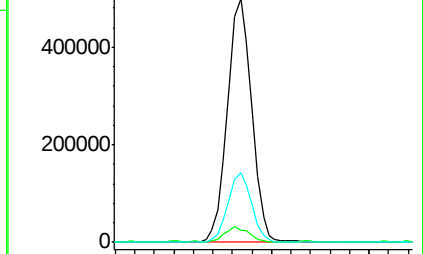
236 28.4 21.1 31.7



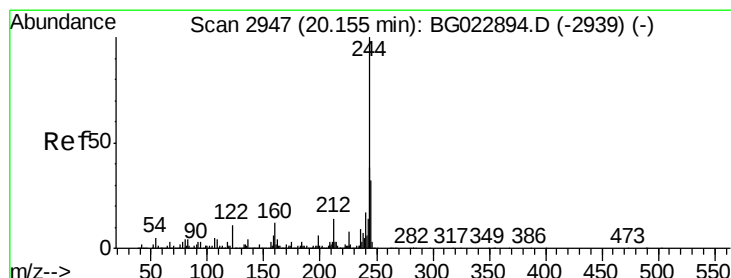
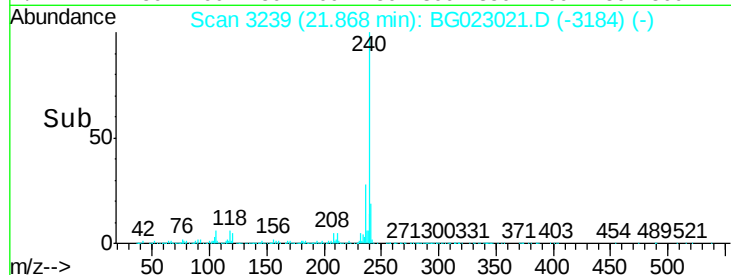
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 109.50 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023021.D

Acq: 12 Jul 2016 4:38

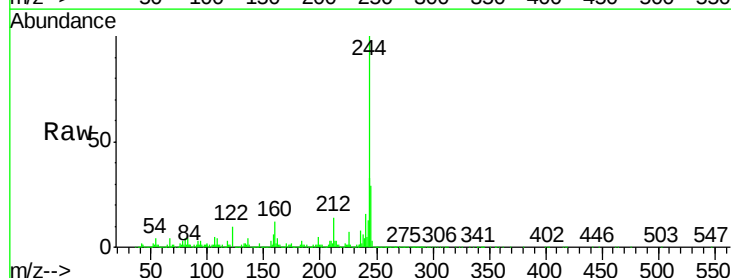
Tgt Ion:244 Resp: 2659412

Ion Ratio Lower Upper

244 100

212 13.7 10.8 16.2

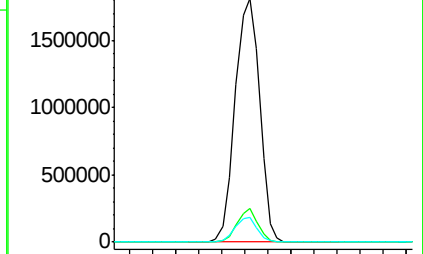
122 10.1 8.0 12.0



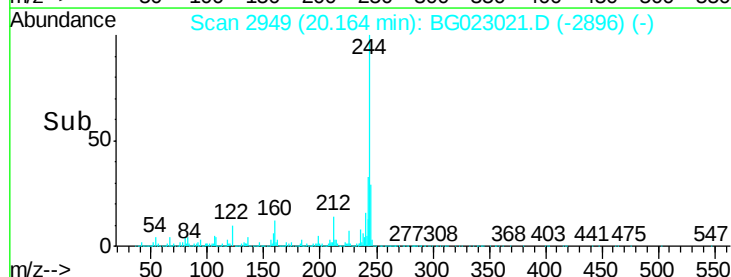
Abundance Ion 244.00 (243.70 to 244.70): E

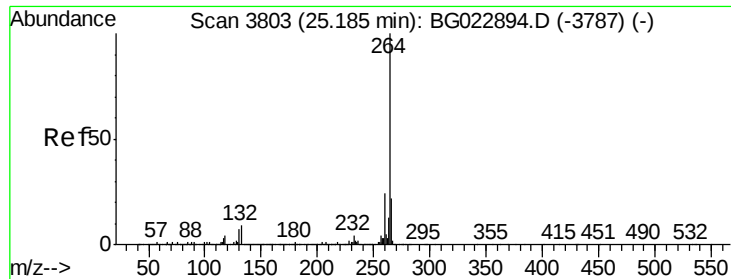
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

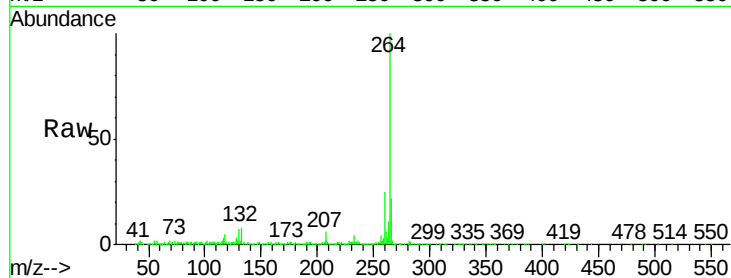




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. 0.07 min
Lab File: BG023021.D
Acq: 12 Jul 2016 4:38

Instrument :
BNA_G
ClientSampleId :
S22-0010

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	22.3	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

