

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023130.D
 Acq On : 16 Jul 2016 3:36
 Operator : UM/SJ
 Sample : H4045-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H10-B1(12-18)C

Quant Time: Jul 16 05:04:49 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

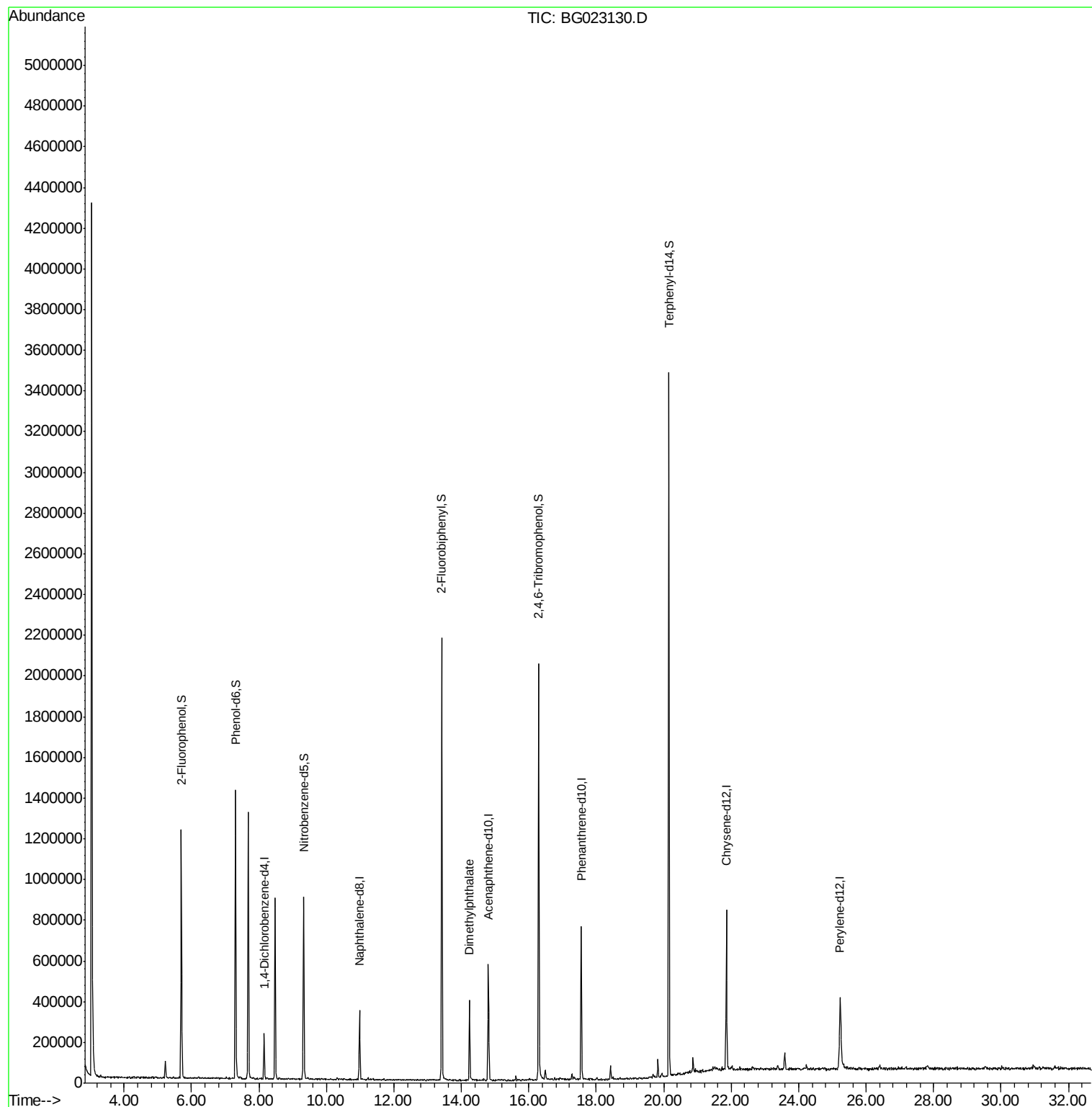
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	57190	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	267240	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	193655	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	462189	20.00	ng	0.00
75) Chrysene-d12	21.86	240	508352	20.00	ng	0.00
86) Perylene-d12	25.23	264	470209	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	499552	142.86	ng	0.00
7) Phenol-d6	7.30	99	794366	145.04	ng	0.00
23) Nitrobenzene-d5	9.32	82	578535	92.70	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	360206	103.49	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1052082	85.57	ng	0.00
78) Terphenyl-d14	20.15	244	1402805	89.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	248275	15.69	ng	Qvalue 100

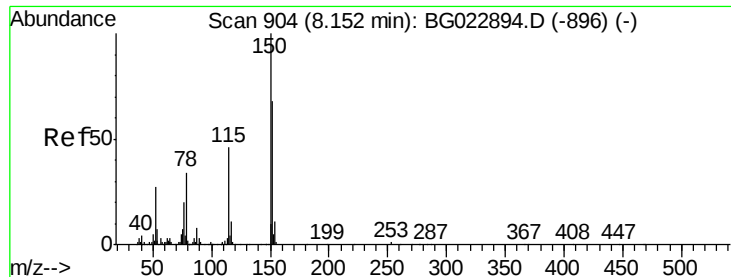
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023130.D

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Instrument :

BNA_G

ClientSampleId :

H10-B1(12-18)C

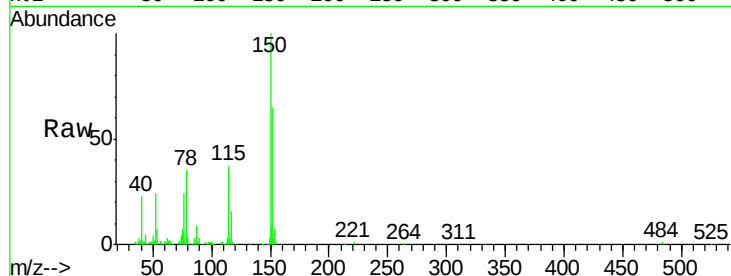
Tgt Ion:152 Resp: 57190

Ion Ratio Lower Upper

152 100

150 153.3 144.7 217.1

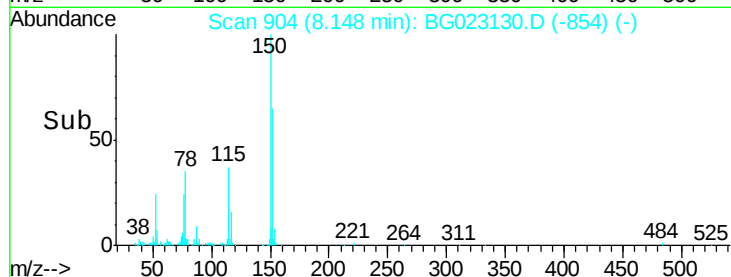
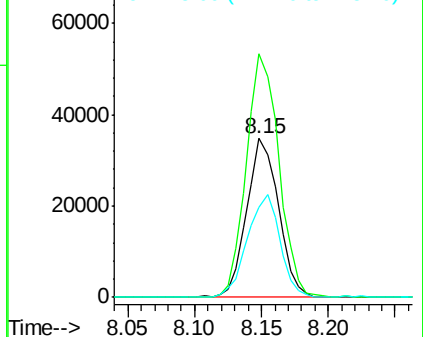
115 56.7 64.0 96.0#



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: 142.86 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023130.D

Acq: 16 Jul 2016 3:36

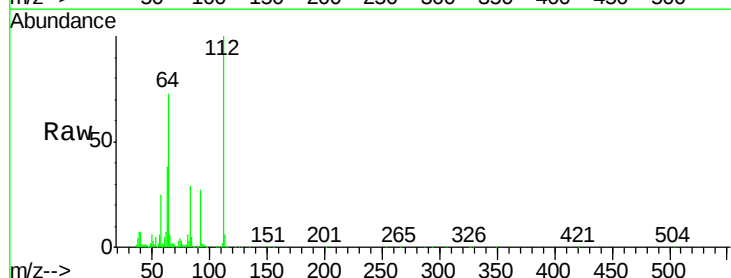
Tgt Ion:112 Resp: 499552

Ion Ratio Lower Upper

112 100

64 72.5 59.0 88.4

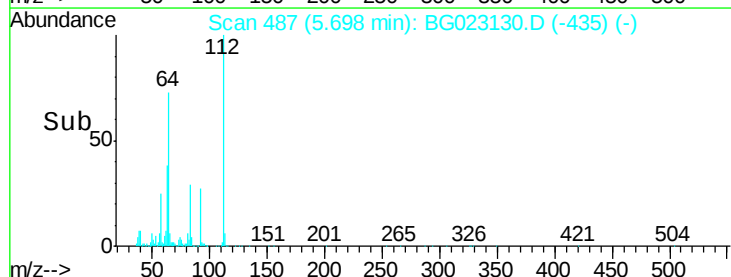
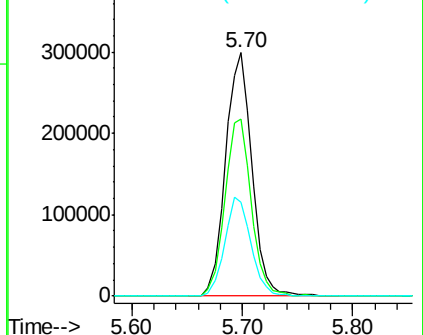
63 38.5 37.8 56.8

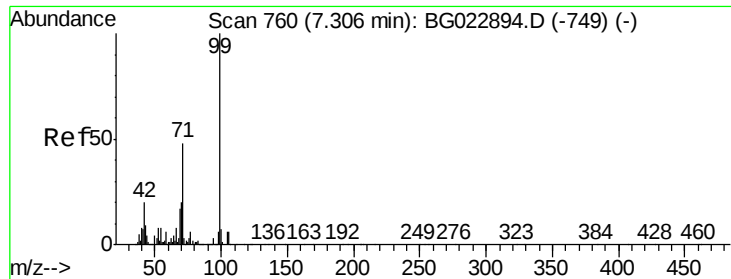


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 145.04 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023130.D

Acq: 16 Jul 2016 3:36

Instrument :

BNA_G

ClientSampleId :

H10-B1(12-18)C

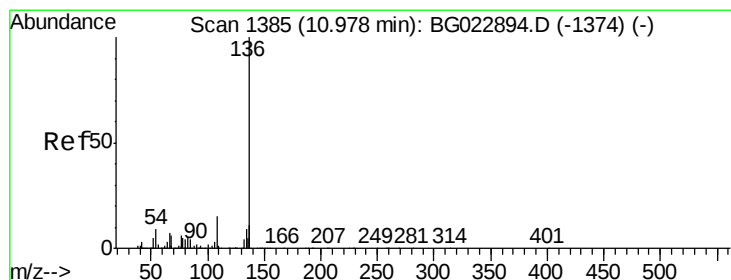
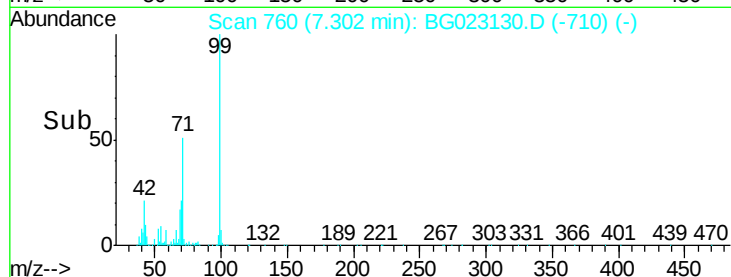
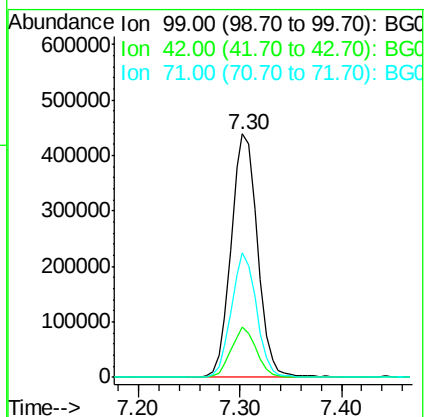
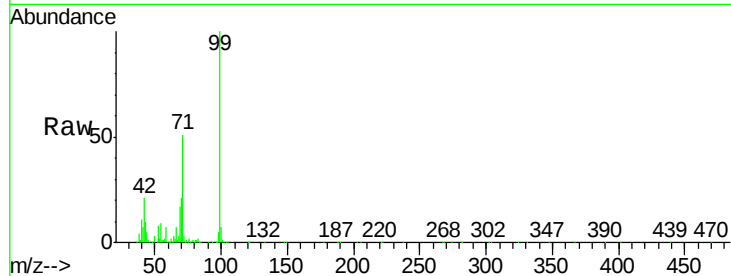
Tgt Ion: 99 Resp: 794366

Ion Ratio Lower Upper

99 100

42 20.9 17.8 26.6

71 51.0 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023130.D

Acq: 16 Jul 2016 3:36

Tgt Ion: 136 Resp: 267240

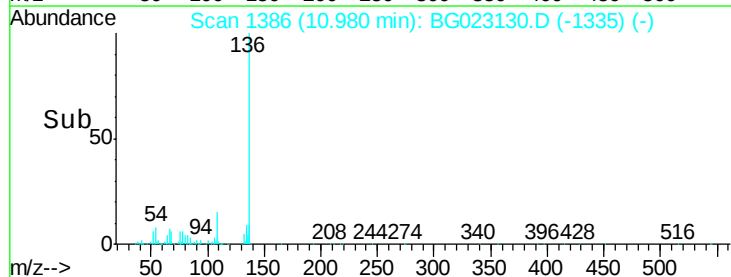
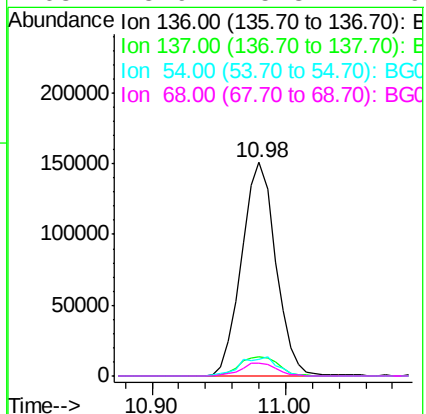
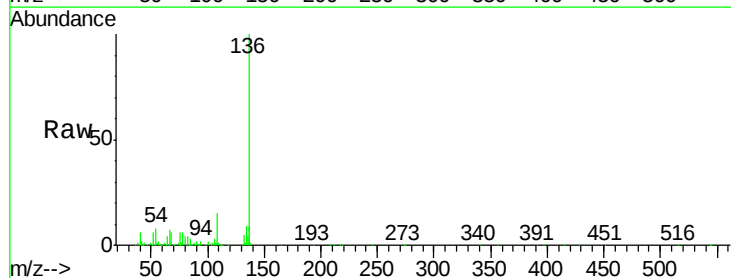
Ion Ratio Lower Upper

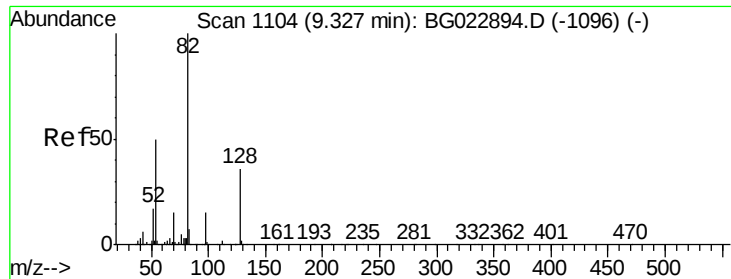
136 100

137 9.0 9.6 14.4#

54 7.8 7.3 10.9

68 5.9 5.3 7.9

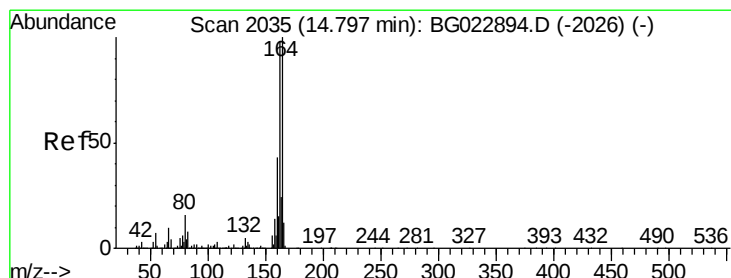
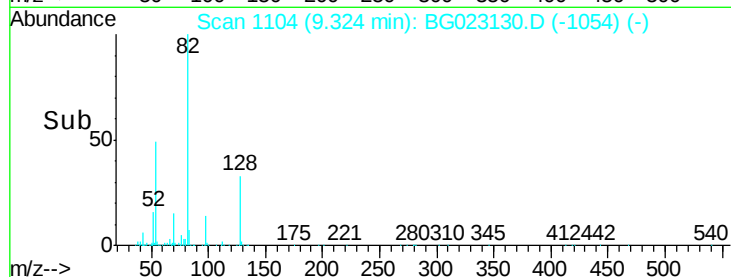
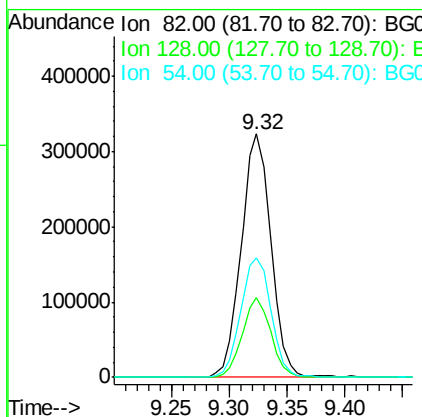
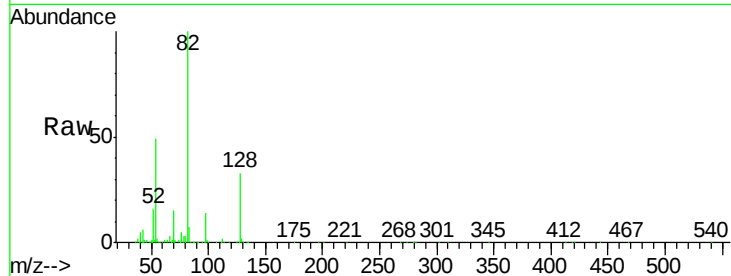




#23
 Nitrobenzene-d5
 Concen: 92.70 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023130.D
 Acq: 16 Jul 2016 3:36

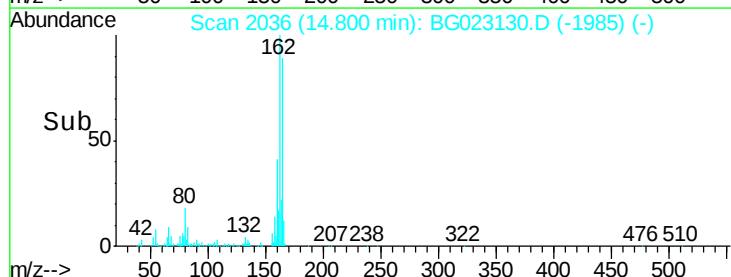
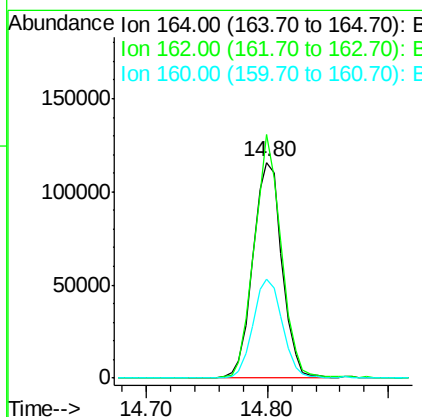
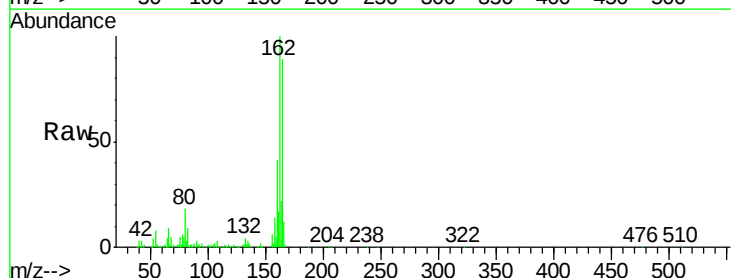
Instrument :
 BNA_G
 ClientSampleId :
 H10-B1(12-18)C

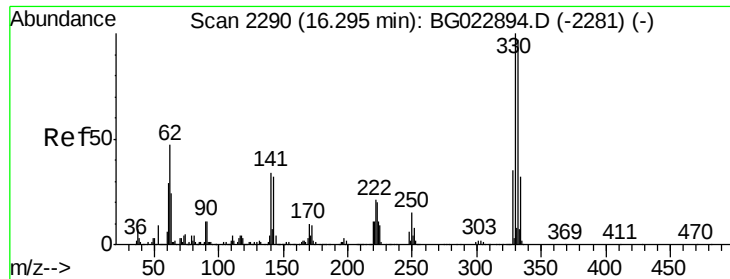
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.5	24.4	36.6
54	49.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023130.D
 Acq: 16 Jul 2016 3:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	112.9	87.7	131.5
160	46.1	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 103.49 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023130.D

Acq: 16 Jul 2016 3:36

Instrument :

BNA_G

ClientSampleId :

H10-B1(12-18)C

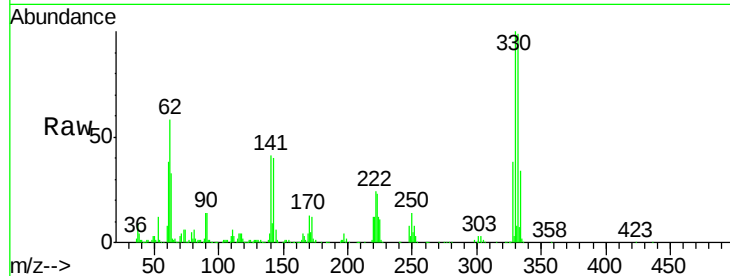
Tgt Ion:330 Resp: 360206

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

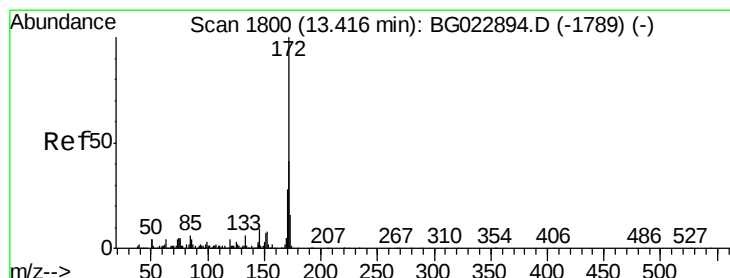
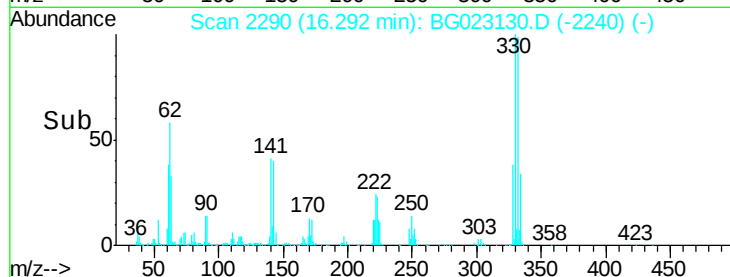
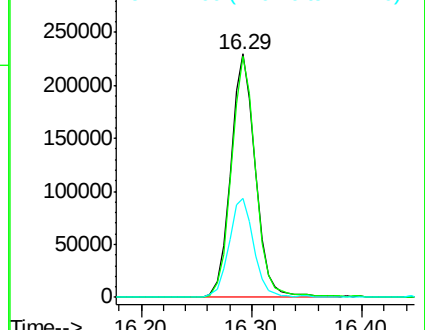
141 40.9 31.7 47.5



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: 85.57 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BG023130.D

Acq: 16 Jul 2016 3:36

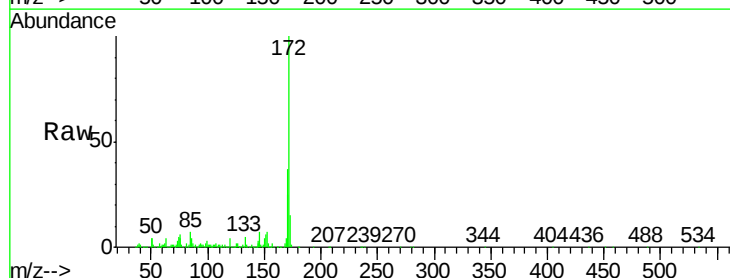
Tgt Ion:172 Resp: 1052082

Ion Ratio Lower Upper

172 100

171 36.9 31.6 47.4

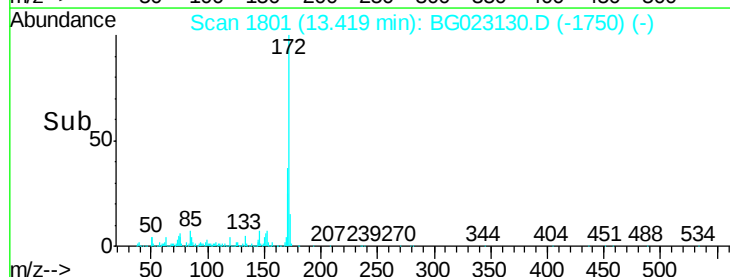
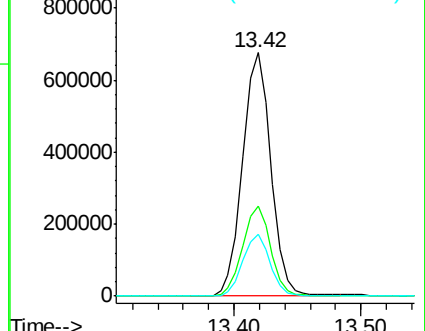
170 25.2 21.3 31.9



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

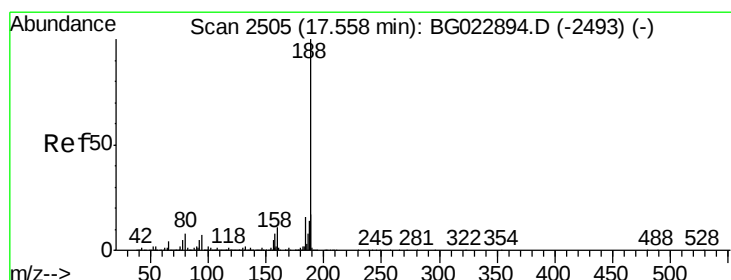
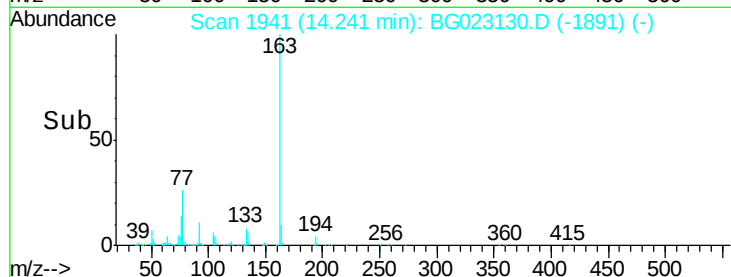
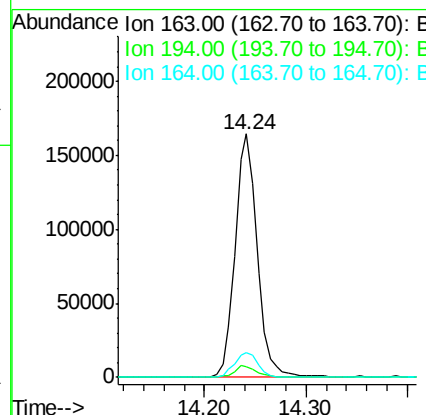
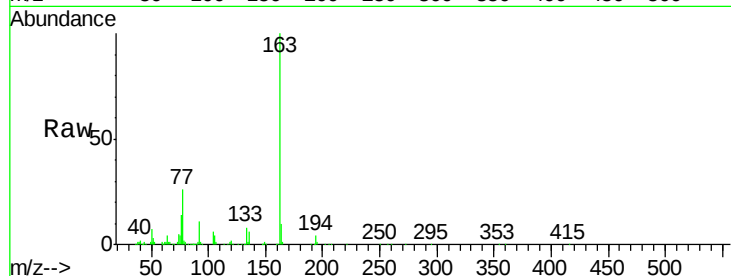




#49
Dimethylphthalate
Concen: 15.69 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG023130.D
Acq: 16 Jul 2016 3:36

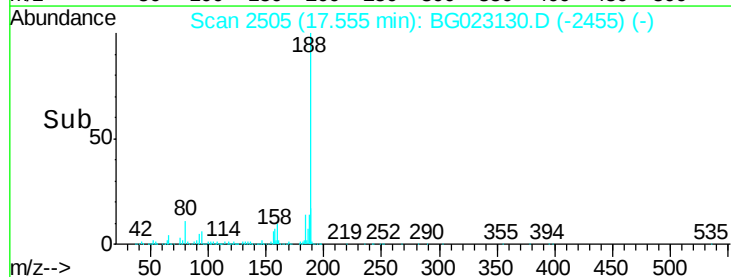
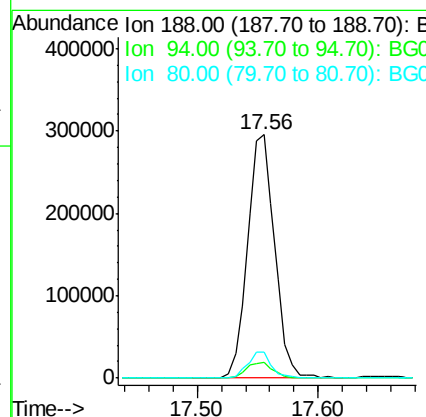
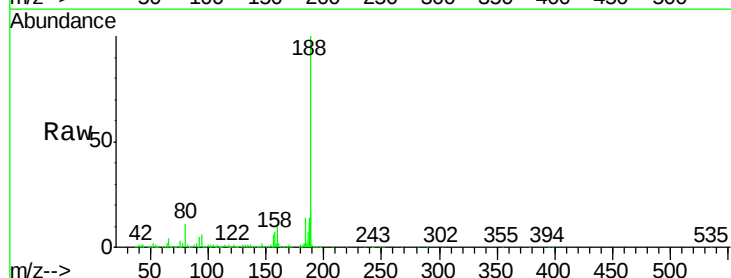
Instrument :
BNA_G
ClientSampleId :
H10-B1(12-18)C

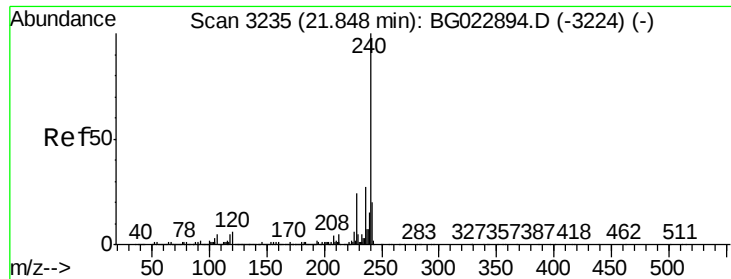
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.0	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023130.D
Acq: 16 Jul 2016 3:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.2	7.8
80	10.5	7.2	10.8

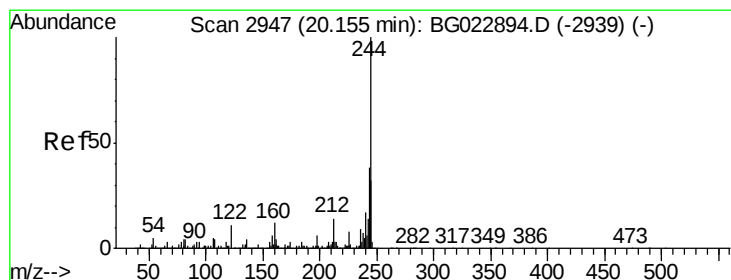
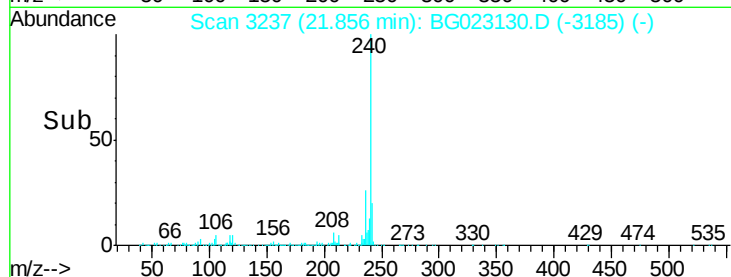
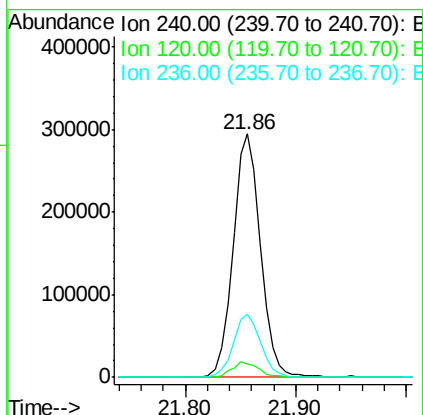
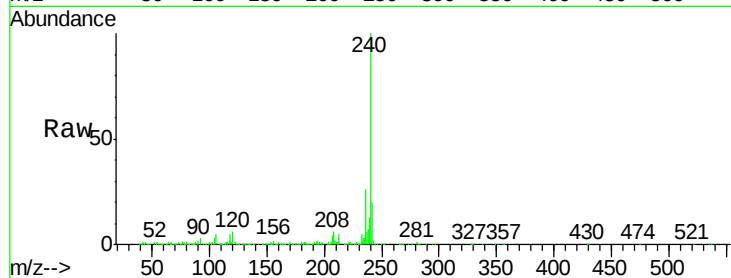




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3237
 Delta R.T. 0.01 min
 Lab File: BG023130.D
 Acq: 16 Jul 2016 3:36

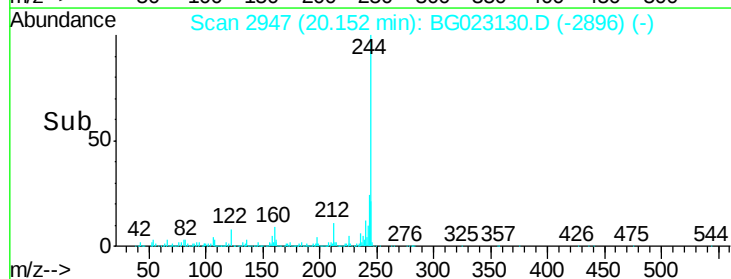
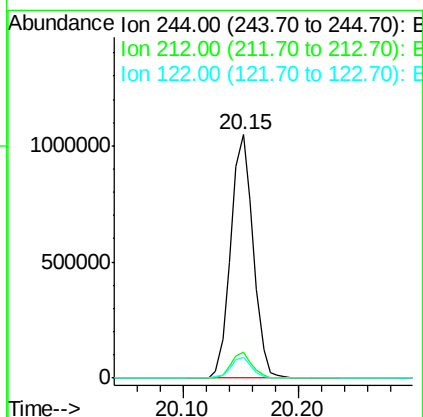
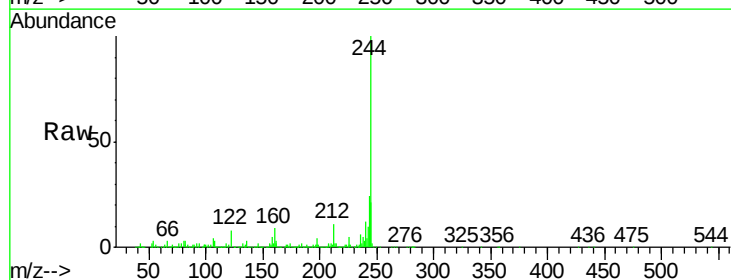
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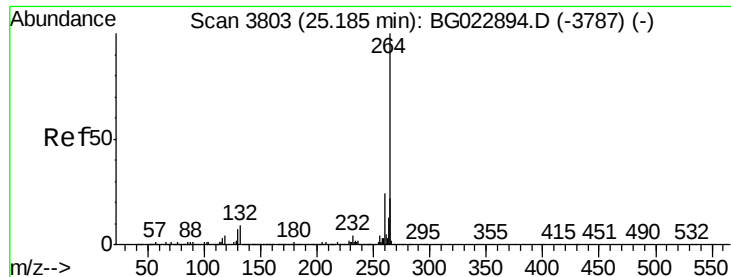
Tgt Ion:240 Resp: 508352
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.1 6.1
 236 25.8 21.1 31.7



#78
 Terphenyl-d14
 Concen: 89.17 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG023130.D
 Acq: 16 Jul 2016 3:36

Tgt Ion:244 Resp: 1402805
 Ion Ratio Lower Upper
 244 100
 212 10.6 10.8 16.2#
 122 8.4 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. 0.04 min
Lab File: BG023130.D
Acq: 16 Jul 2016 3:36

Instrument :
BNA_G
ClientSampleId :
H10-B1(12-18)C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.7	18.4	27.6#
265	21.2	18.9	28.3

