

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023040.D
 Acq On : 12 Jul 2016 17:24
 Operator : UM/SJ
 Sample : H3937-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-18B-9-11

Quant Time: Jul 13 01:06:26 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

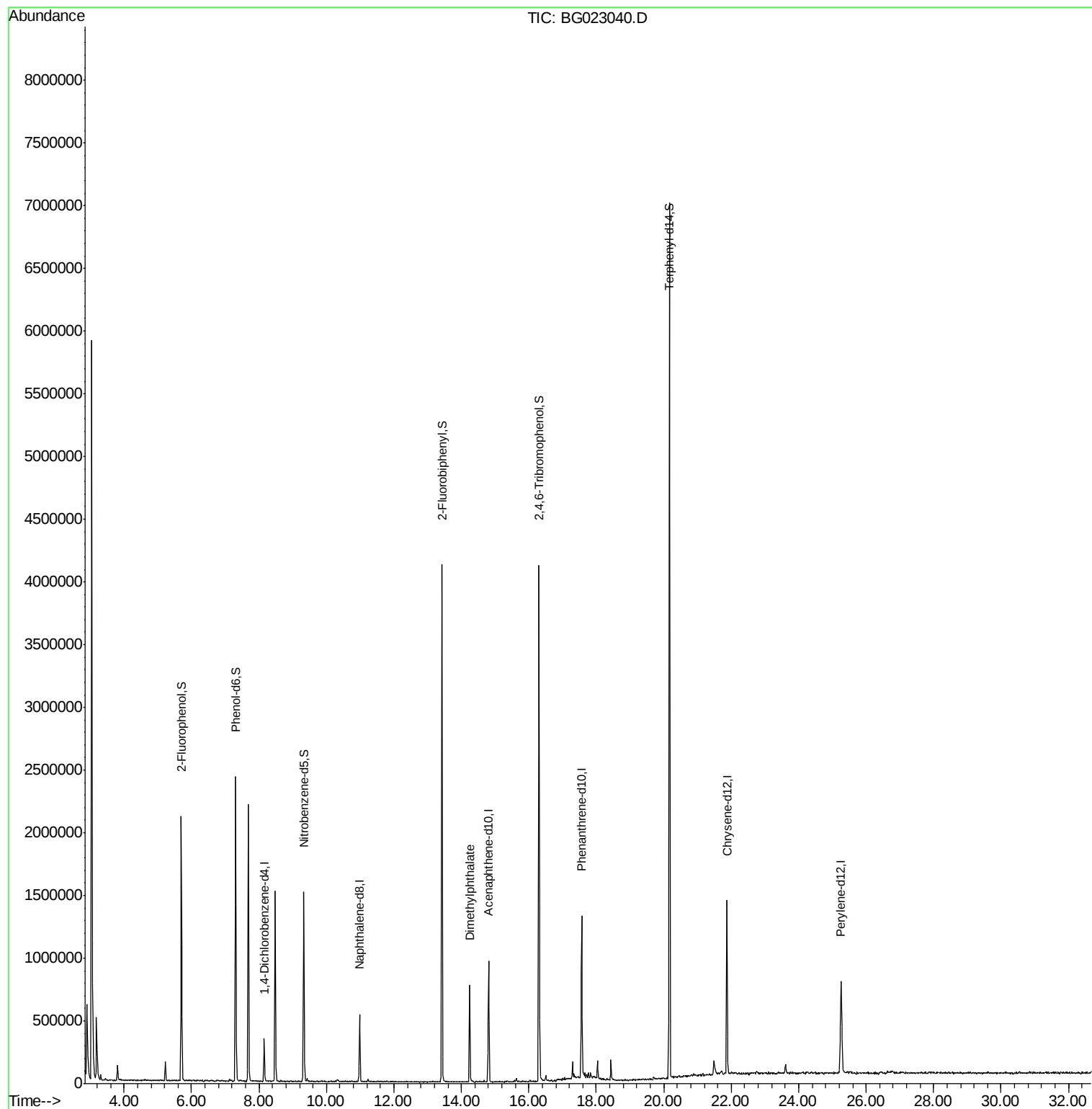
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	88009	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	423797	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	326970	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	767201	20.00	ng	0.00
75) Chrysene-d12	21.87	240	876321	20.00	ng	0.03
86) Perylene-d12	25.26	264	881748	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	833642	154.92	ng	0.00
7) Phenol-d6	7.31	99	1333342	158.20	ng	0.00
23) Nitrobenzene-d5	9.33	82	982084	99.23	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	745645	126.89	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1994015	96.06	ng	0.00
78) Terphenyl-d14	20.17	244	2670981	106.43	ng	0.01
Target Compounds						
49) Dimethylphthalate	14.25	163	477095	17.86	ng	Qvalue 100

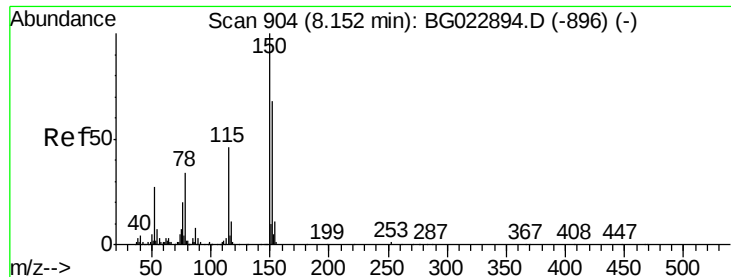
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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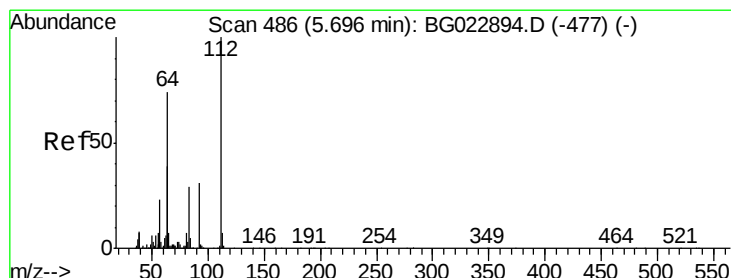
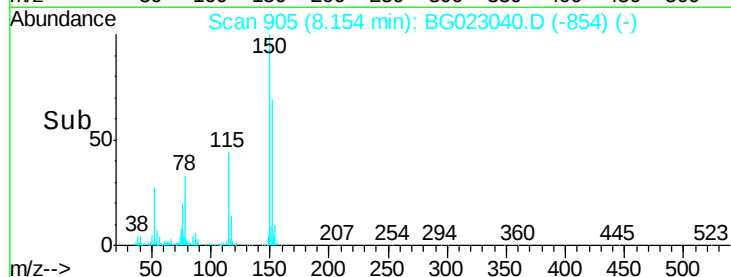
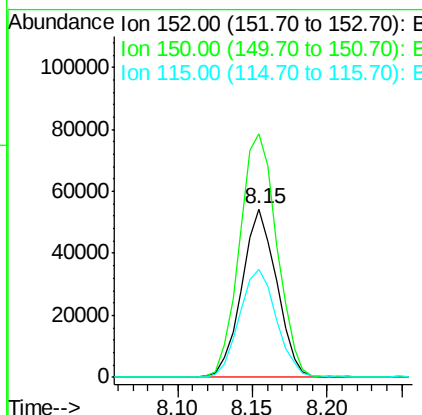
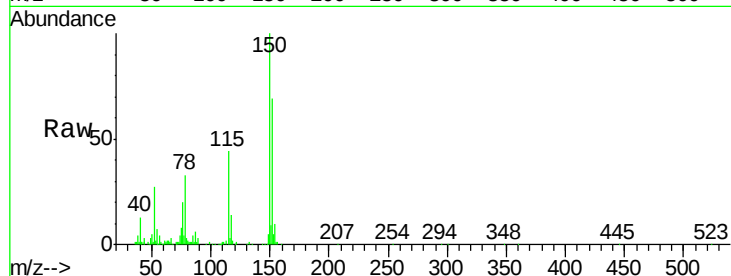


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023040.D
Acq: 12 Jul 2016 17:24

Instrument :
BNA_G
ClientSampleId :
LOCATION-18B-9-11

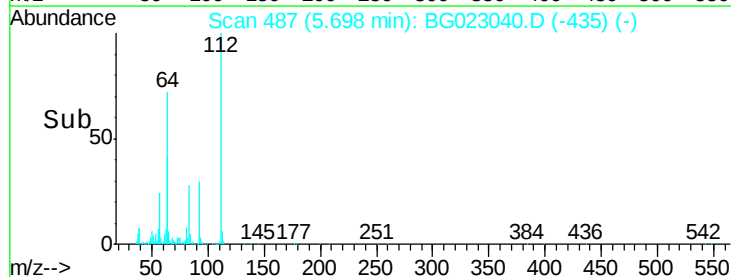
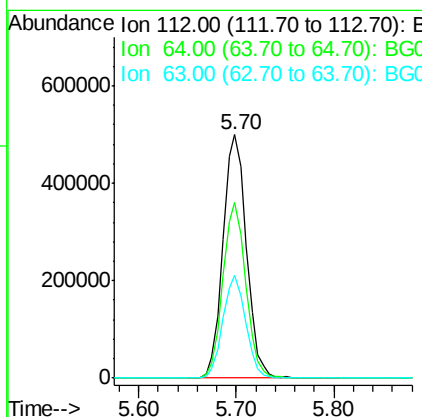
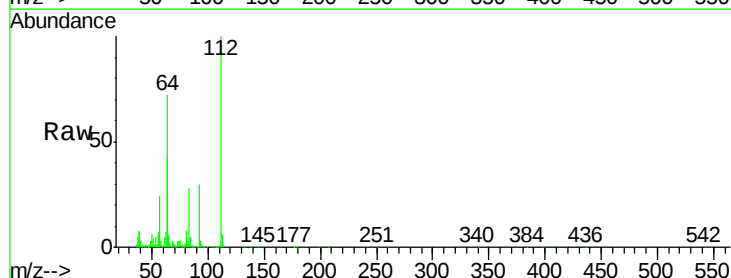
Tot Ion:152 Resp: 88009
Ion Ratio Lower Upper
152 100
150 144.6 144.7 217.1#
115 63.9 64.0 96.0#

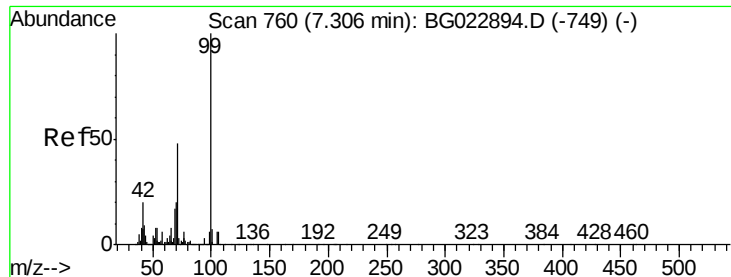


#5

2-Fluorophenol
Concen: 154.92 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023040.D
Acq: 12 Jul 2016 17:24

Tgt Ion:112 Resp: 833642
Ion Ratio Lower Upper
112 100
64 72.2 59.0 88.4
63 42.3 37.8 56.8





#7

Phenol-d6

Concen: 158.20 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023040.D

Acq: 12 Jul 2016 17:24

Instrument :

BNA_G

ClientSampleId :

LOCATION-18B-9-11

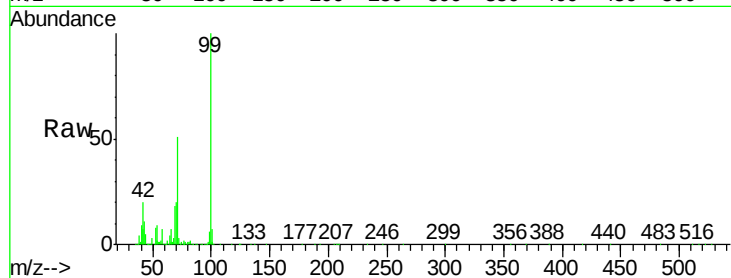
Tot Ion: 99 Resp: 1333342

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.8	26.6
71	51.3	41.5	62.3

99 100

42 20.4 17.8 26.6

71 51.3 41.5 62.3

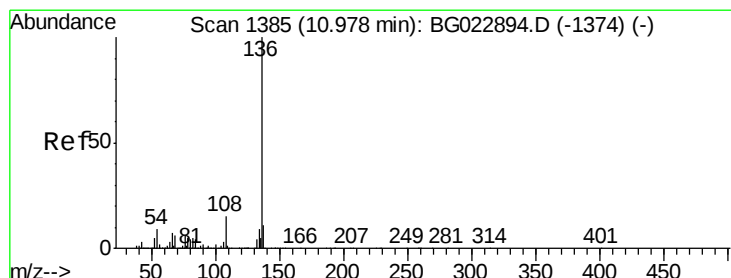
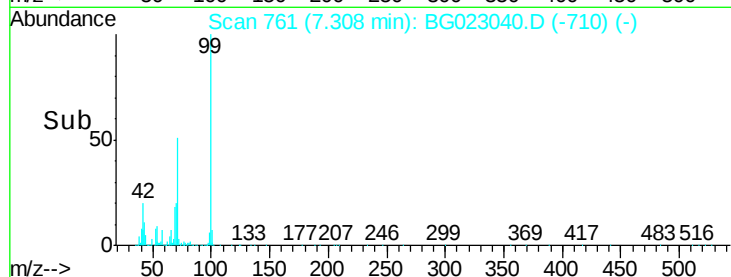
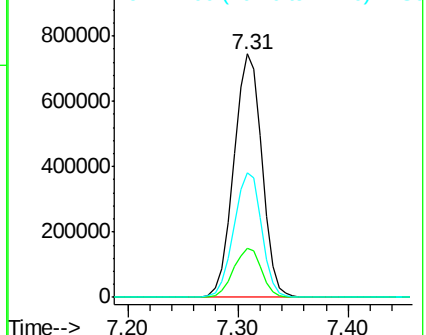


Abundance

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: 10.99 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BG023040.D

Acq: 12 Jul 2016 17:24

Tgt Ion: 136 Resp: 423797

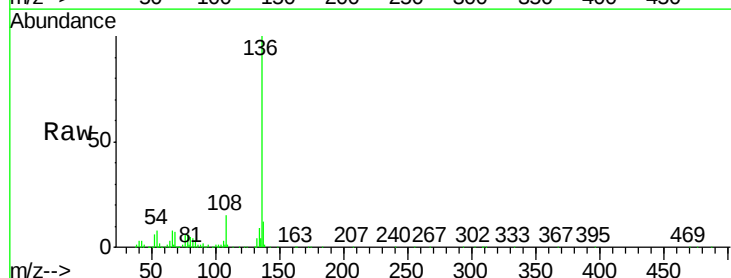
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	8.3	7.3	10.9
68	7.1	5.3	7.9

136 100

137 12.5 9.6 14.4

54 8.3 7.3 10.9

68 7.1 5.3 7.9



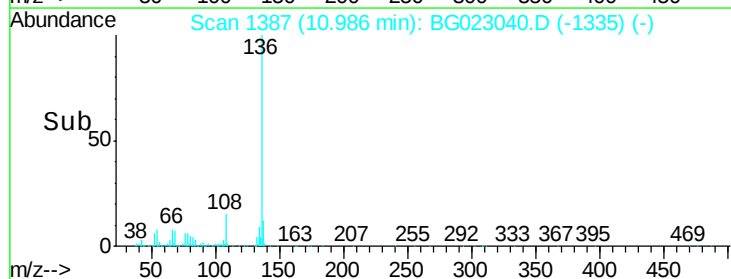
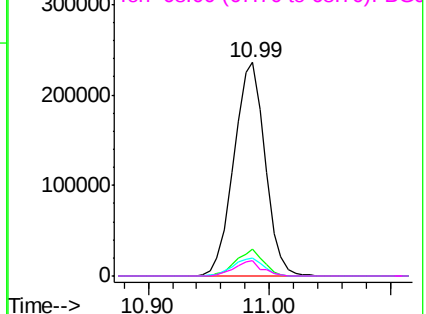
Abundance

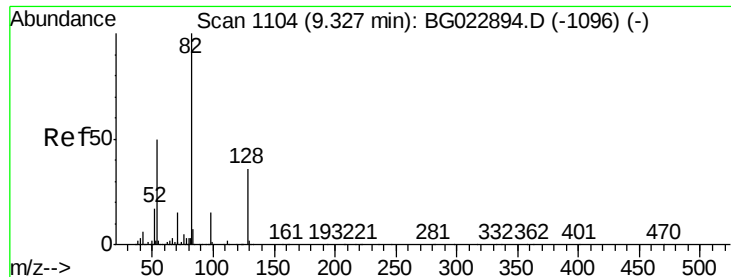
Ion 136.00 (135.70 to 136.70): BGC

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

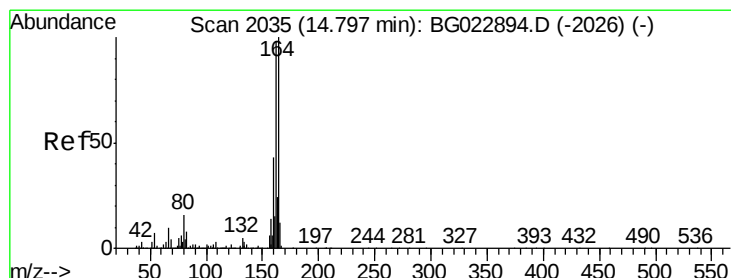
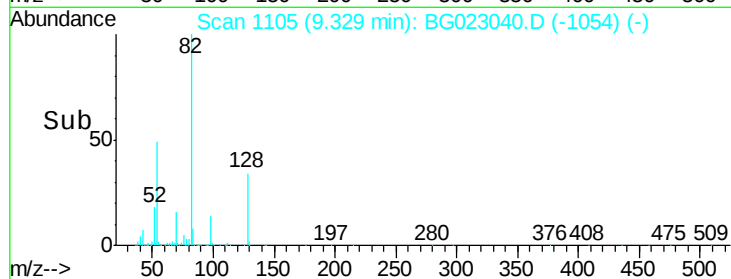
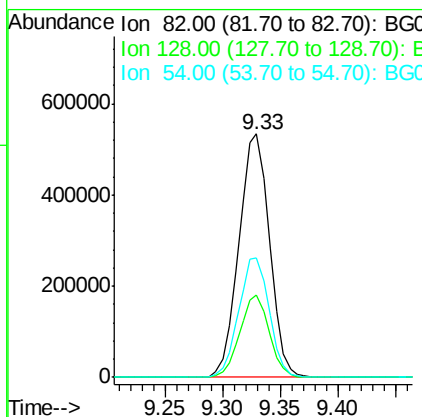
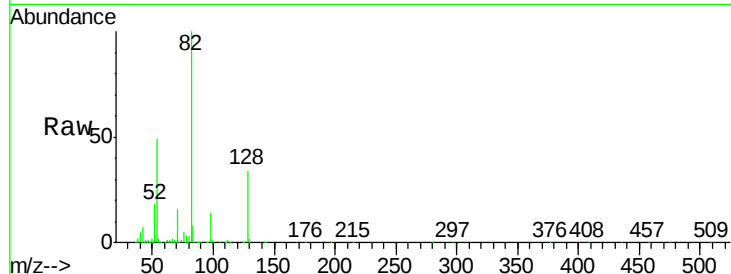




#23
Nitrobenzene-d5
Concen: 99.23 ng
RT: 9.33 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BG023040.D
Acq: 12 Jul 2016 17:24

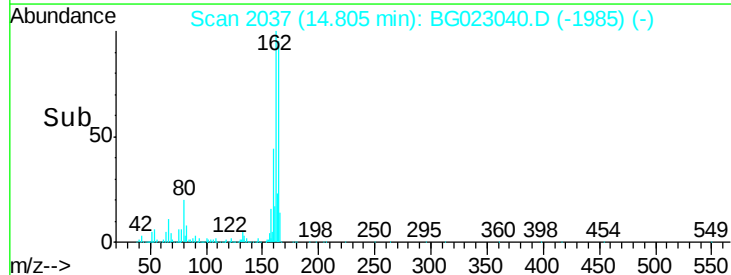
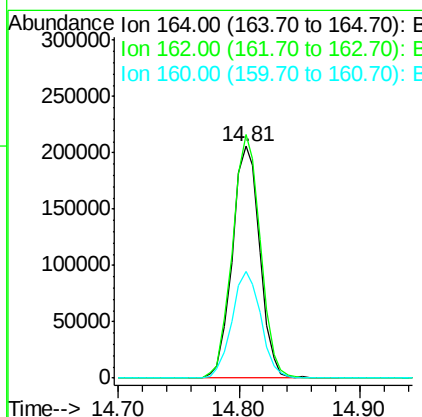
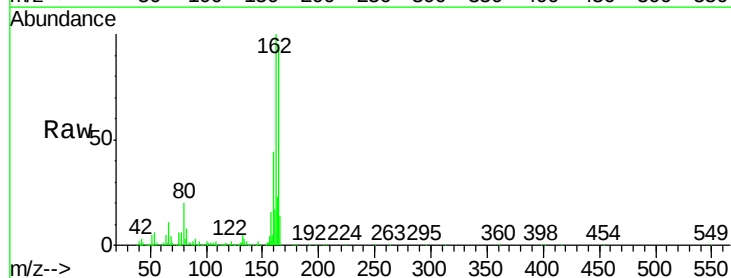
Instrument :
BNA_G
ClientSampleId :
LOCATION-18B-9-11

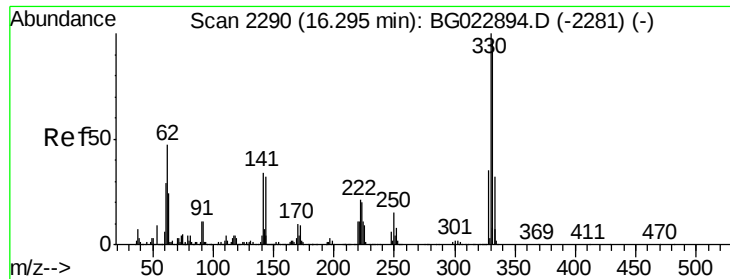
Tot Ion	82	Resp	982084
Ion Ratio	Lower	Upper	
82	100		
128	33.8	24.4	36.6
54	48.9	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG023040.D
Acq: 12 Jul 2016 17:24

Tgt Ion	164	Resp	326970
Ion Ratio	Lower	Upper	
164	100		
162	105.0	87.7	131.5
160	46.2	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 126.89 ng

RT: 16.30 min Scan# 2292

Delta R.T. 0.01 min

Lab File: BG023040.D

Acq: 12 Jul 2016 17:24

Instrument :

BNA_G

ClientSampleId :

LOCATION-18B-9-11

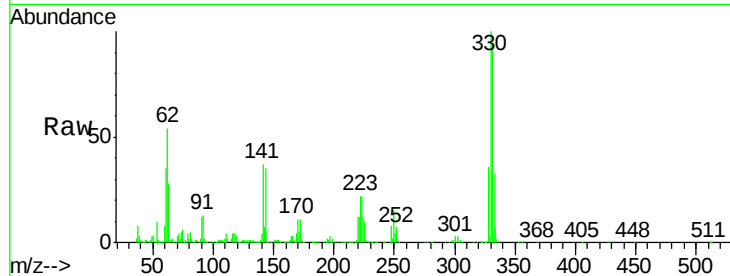
Tot Ion:330 Resp: 745645

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

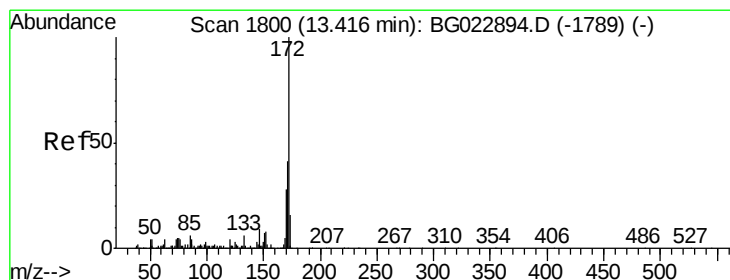
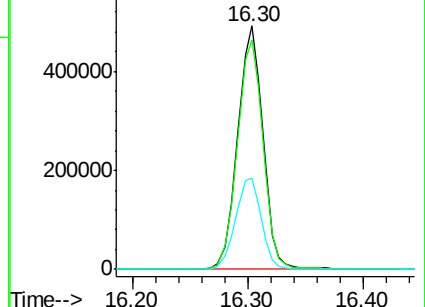
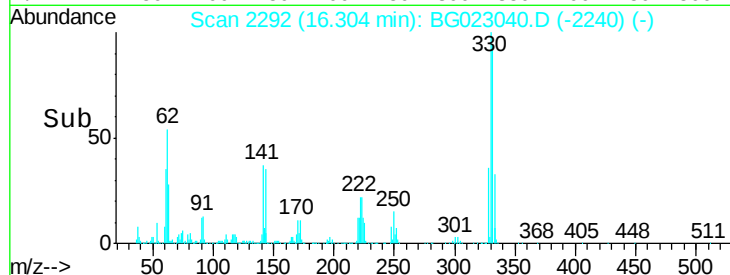
141 38.3 31.7 47.5



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: 96.06 ng

RT: 13.42 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BG023040.D

Acq: 12 Jul 2016 17:24

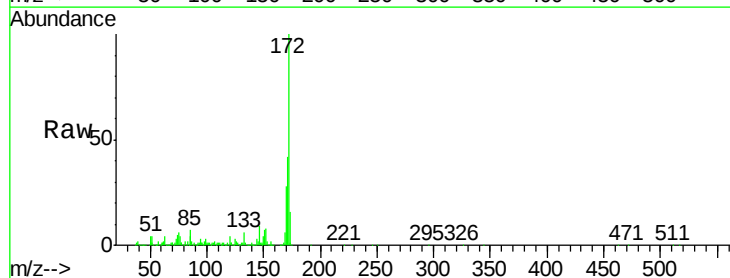
Tgt Ion:172 Resp: 1994015

Ion Ratio Lower Upper

172 100

171 41.6 31.6 47.4

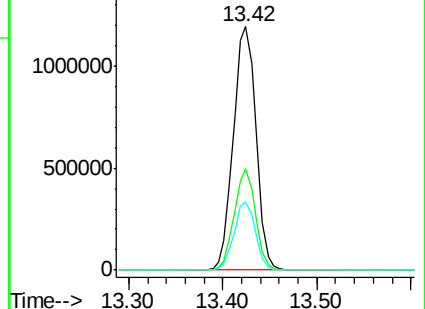
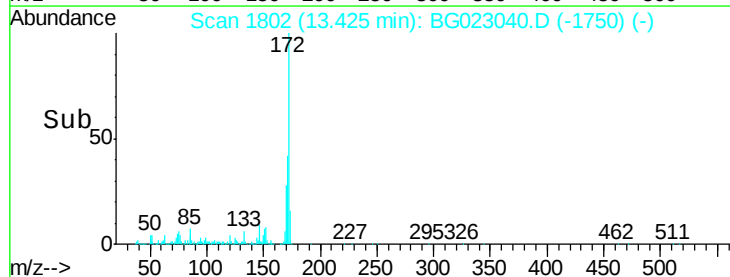
170 28.1 21.3 31.9

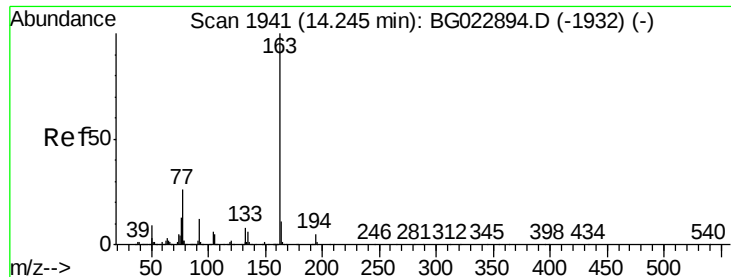


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 17.86 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG023040.D

Acq: 12 Jul 2016 17:24

Instrument :

BNA_G

ClientSampleId :

LOCATION-18B-9-11

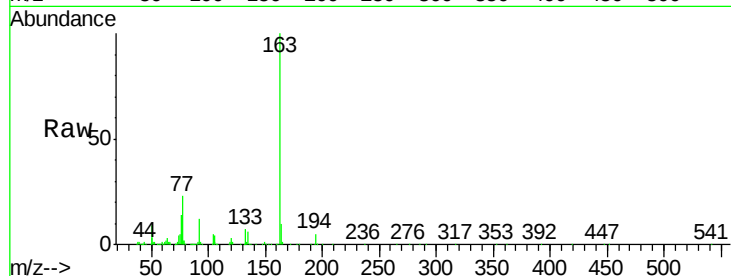
Tot Ion:163 Resp: 477095

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

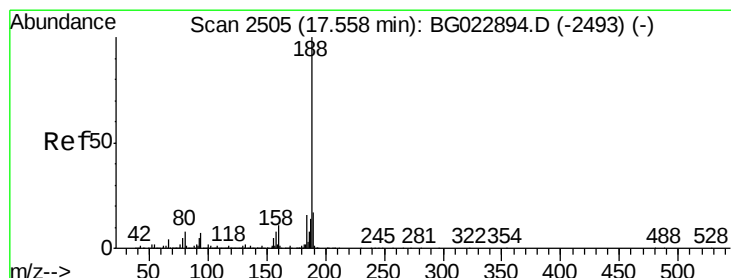
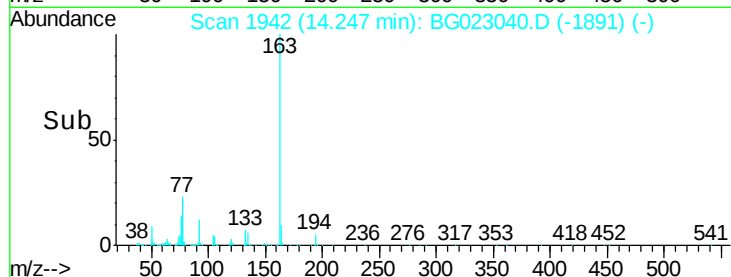
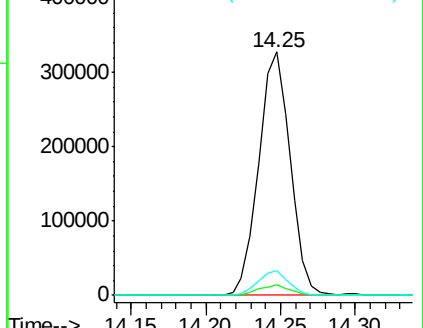
164 10.0 8.1 12.1



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: 17.57 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BG023040.D

Acq: 12 Jul 2016 17:24

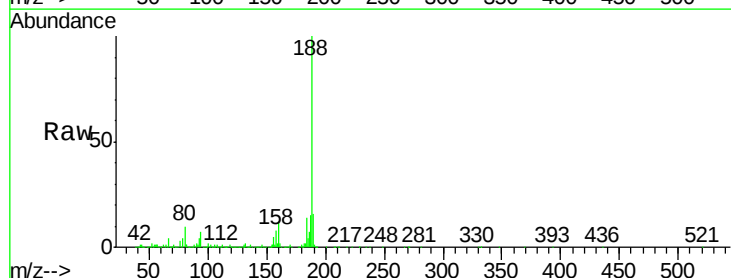
Tgt Ion:188 Resp: 767201

Ion Ratio Lower Upper

188 100

94 6.6 5.2 7.8

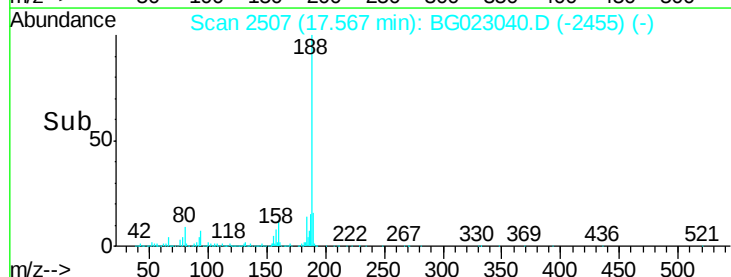
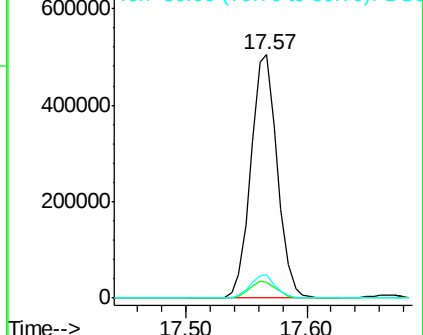
80 9.6 7.2 10.8

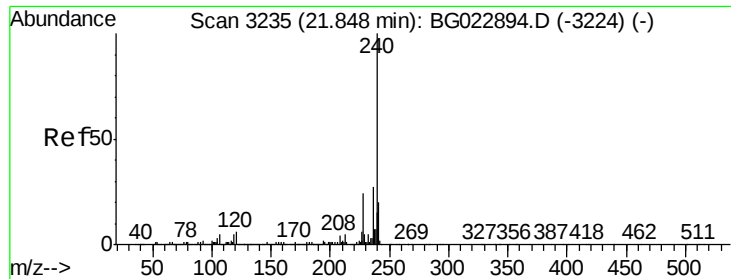


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

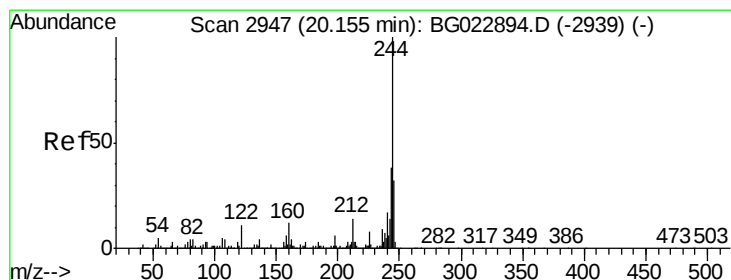
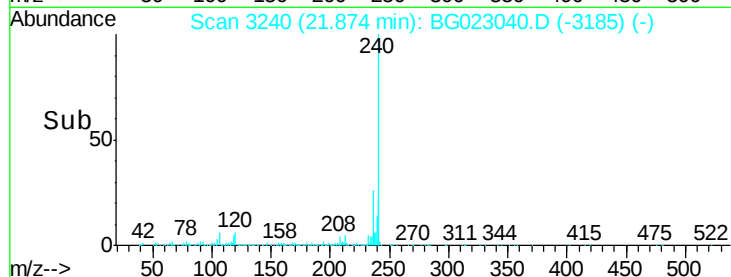
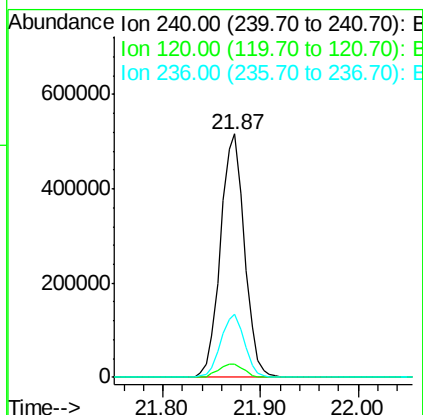
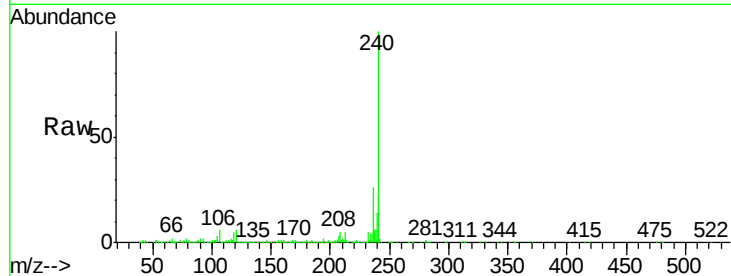




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.87 min Scan# 3240
 Delta R.T. 0.03 min
 Lab File: BG023040.D
 Acq: 12 Jul 2016 17:24

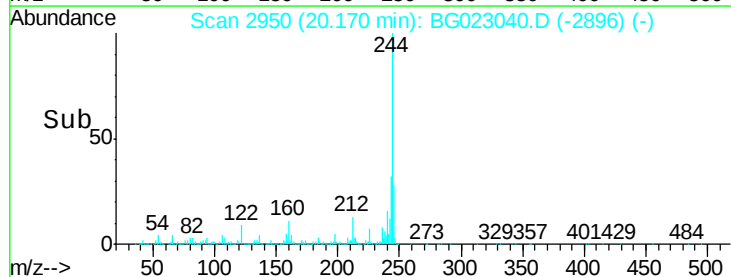
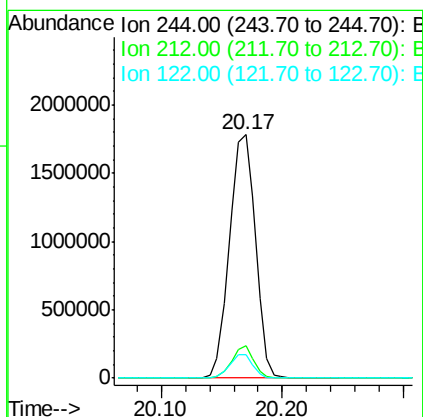
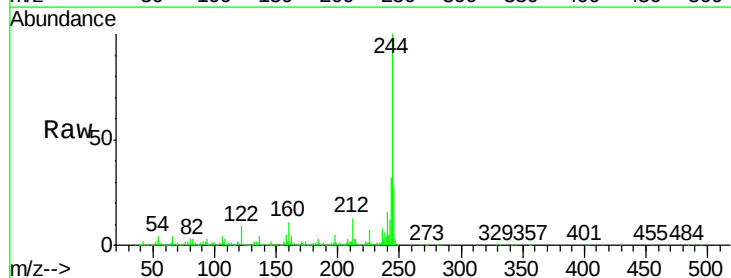
Instrument :
 BNA_G
 ClientSampleId :
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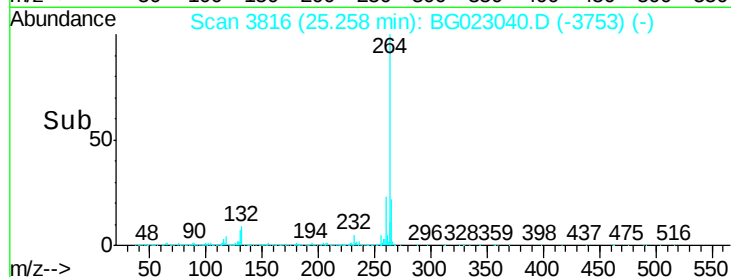
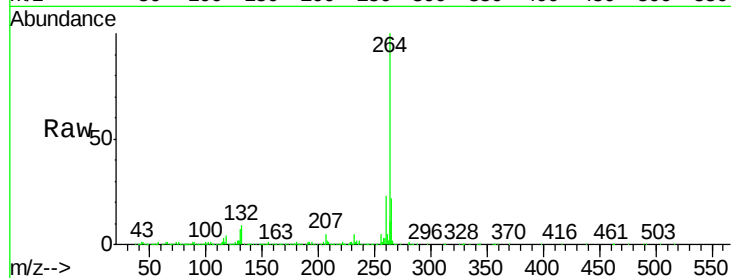
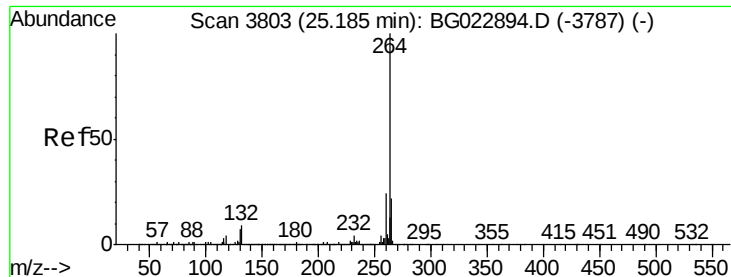
Tot Ion:240 Resp: 876321
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.1 6.1
 236 26.1 21.1 31.7



#78
 Terphenyl-d14
 Concen: 106.43 ng
 RT: 20.17 min Scan# 2950
 Delta R.T. 0.01 min
 Lab File: BG023040.D
 Acq: 12 Jul 2016 17:24

Tgt Ion:244 Resp: 2670981
 Ion Ratio Lower Upper
 244 100
 212 13.1 10.8 16.2
 122 9.4 8.0 12.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

Delta R.T. 0.07 min

Lab File: BG023040.D

Acq: 12 Jul 2016 17:24

Instrument :

BNA_G

ClientSampleId :

LOCATION-18B-9-11

Tot Ion: 264 Resp: 881748

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 22.4 18.9 28.3

