

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

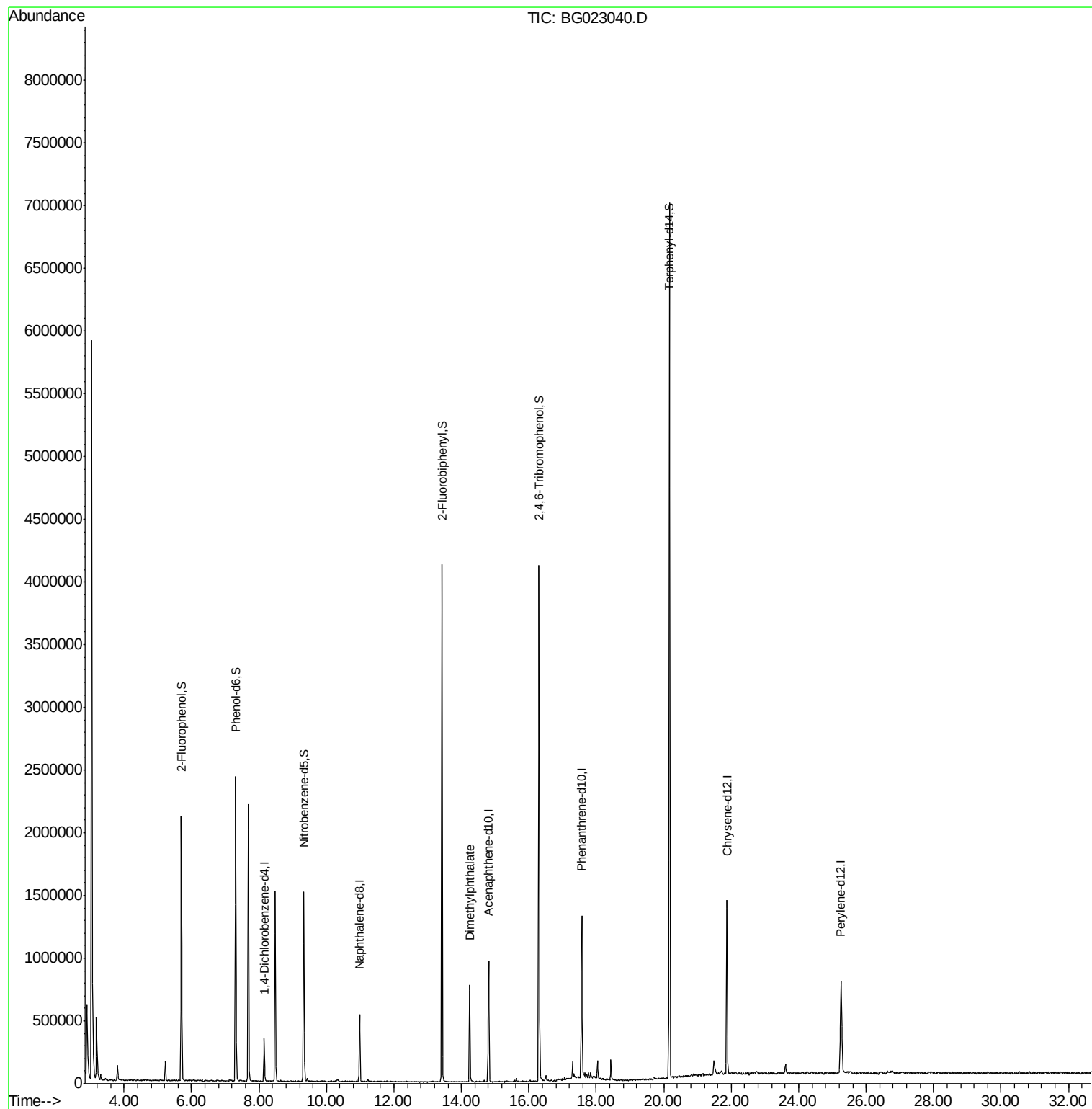
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	88009	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	423797	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	326970	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	767201	20.00	ng	0.00
75) Chrysene-d12	21.87	240	876321	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

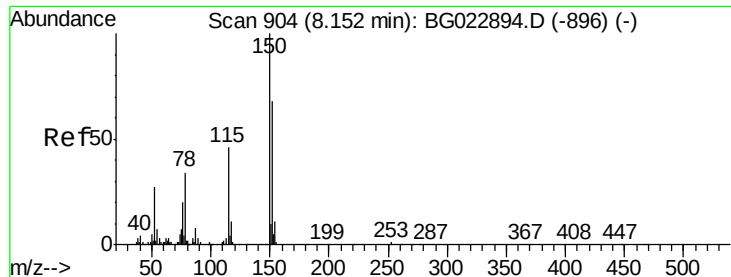
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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ClientSampleId :

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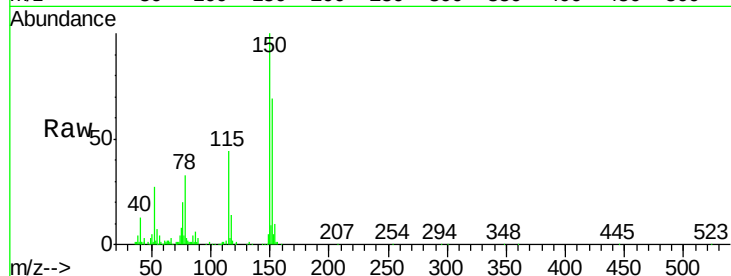
Tgt Ion:152 Resp: 88009

Ion Ratio Lower Upper

152 100

150 144.6 144.7 217.1#

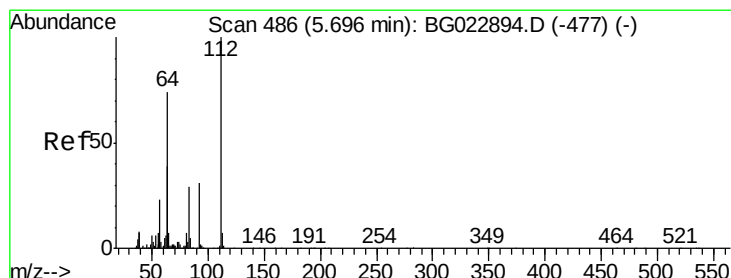
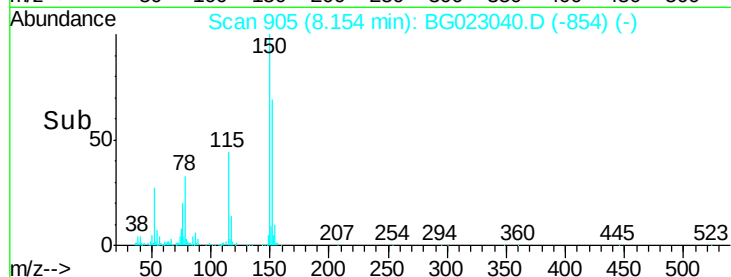
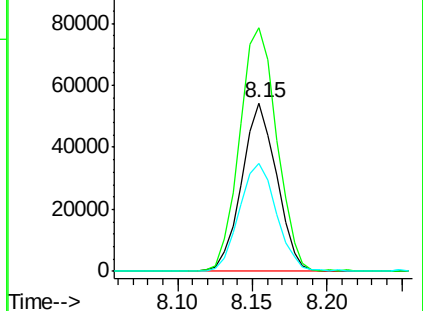
115 63.9 64.0 96.0#



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: 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

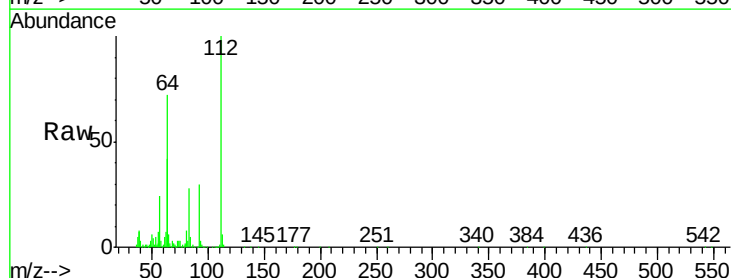
Tgt Ion:112 Resp: 833642

Ion Ratio Lower Upper

112 100

64 72.2 59.0 88.4

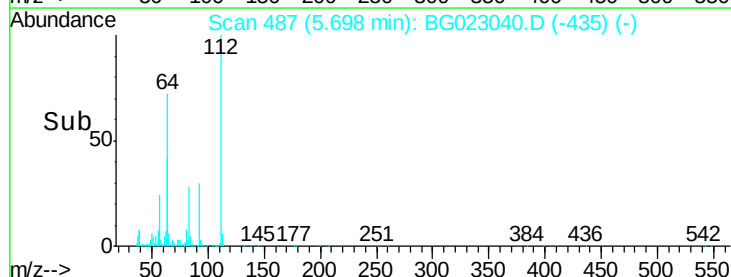
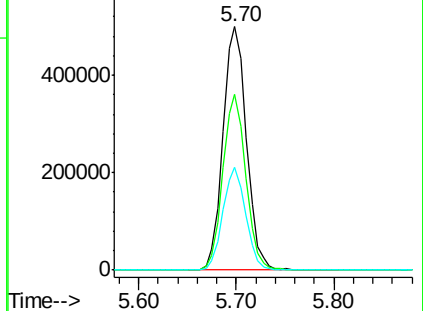
63 42.3 37.8 56.8

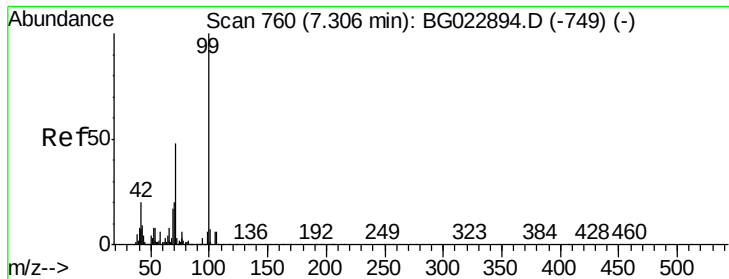


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#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

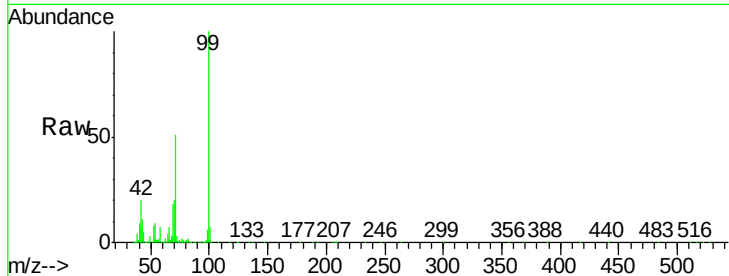
Tgt Ion: 99 Resp: 1333342

Ion Ratio Lower Upper

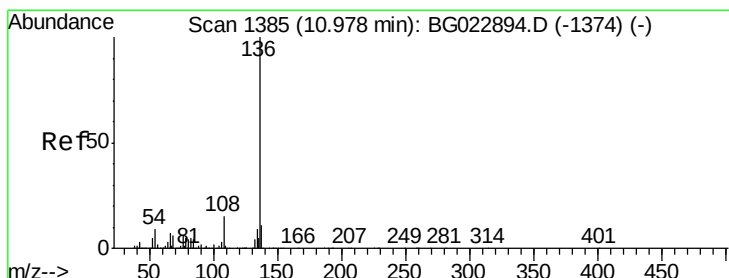
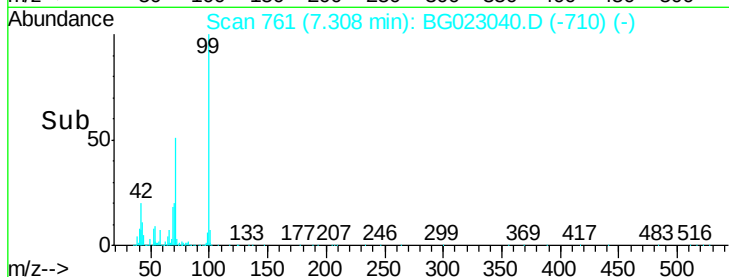
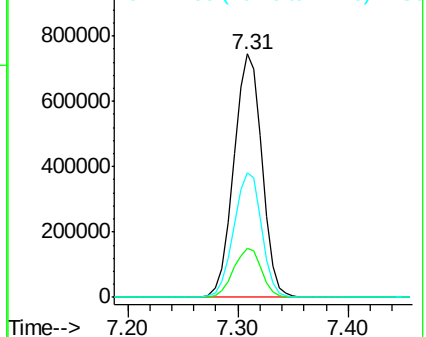
99 100

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

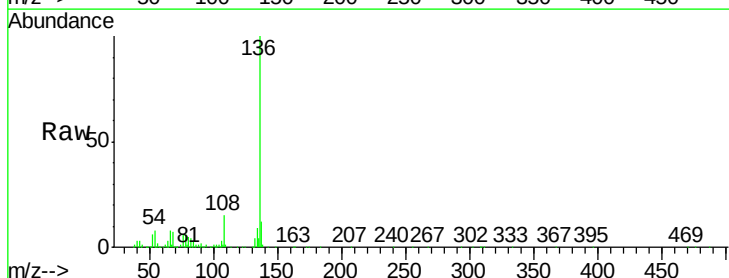
Ion Ratio Lower Upper

136 100

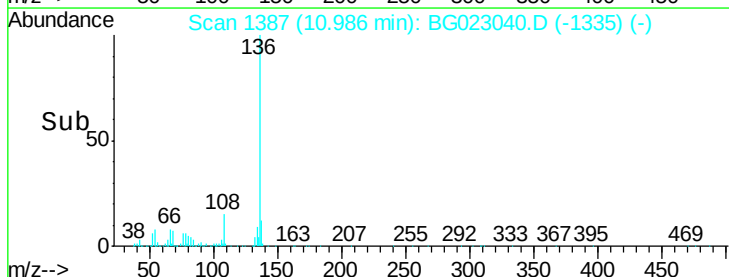
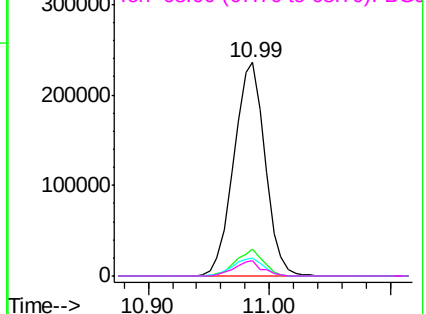
137 12.5 9.6 14.4

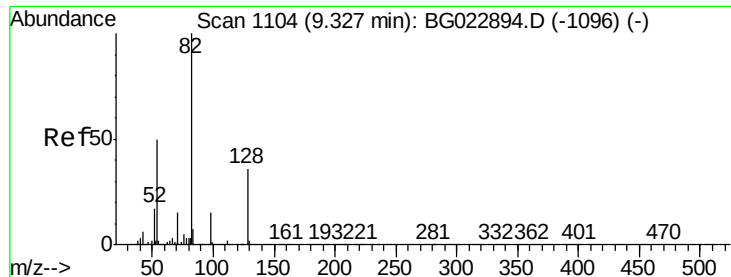
54 8.3 7.3 10.9

68 7.1 5.3 7.9



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

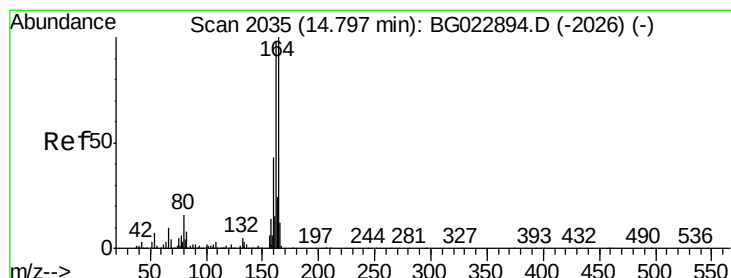
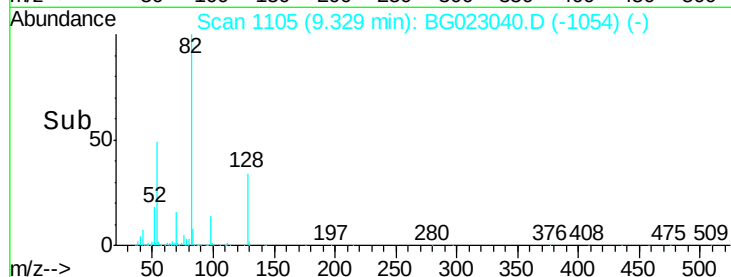
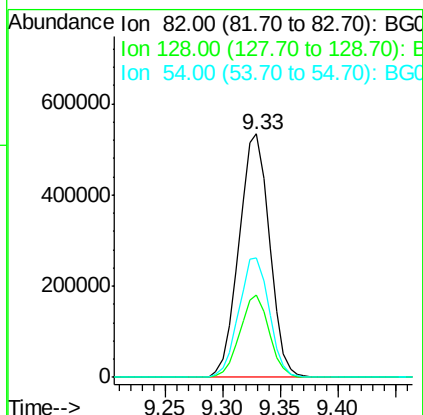
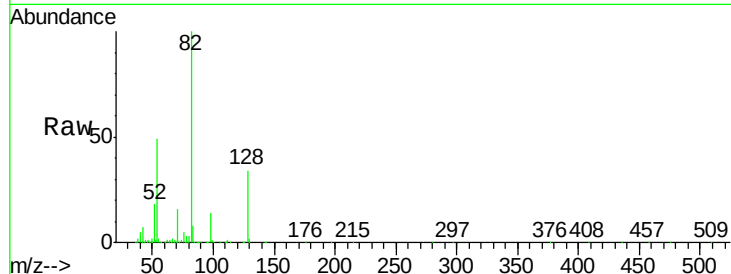




#23
Nitrobenzene-d5
Concen: 99.23 ng
RT: 9.33 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BG023040.D
Acq: 12 Jul 2016 17:24

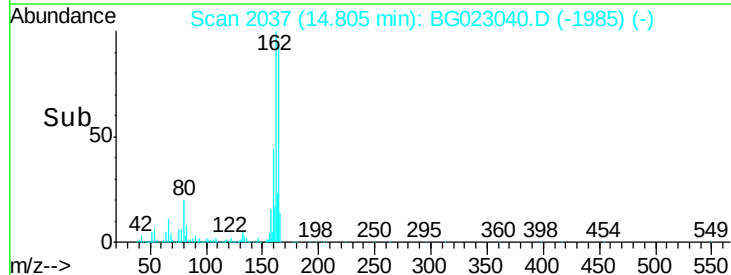
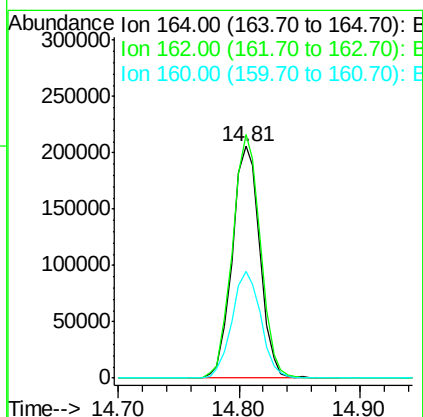
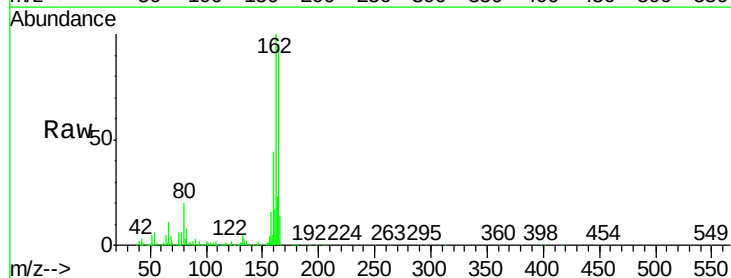
Instrument :
BNA_G
ClientSampleId :
LOCATION-18B-9-11

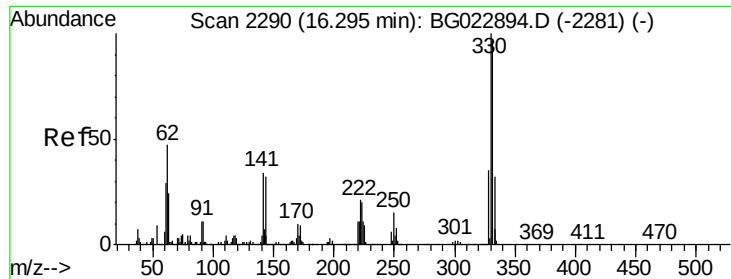
Tgt Ion: 82 Resp: 982084
Ion Ratio Lower Upper
82 100
128 33.8 24.4 36.6
54 48.9 41.4 62.0



#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

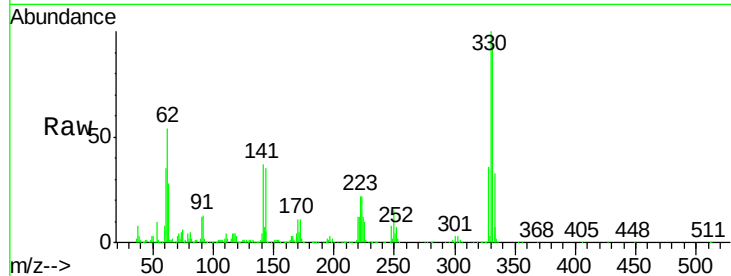




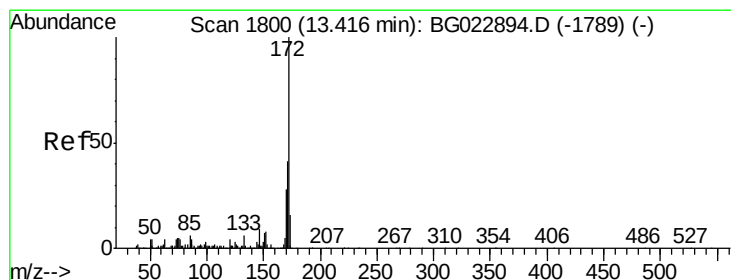
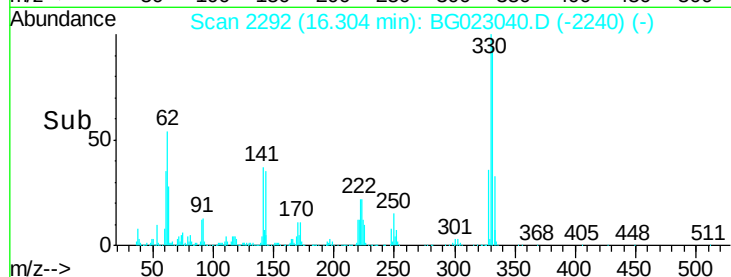
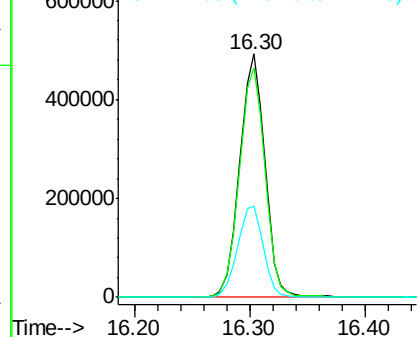
#41
 2,4,6-Tribromophenol
 Concen: 126.89 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. 0.01 min
 Lab File: BG023040.D
 Acq: 12 Jul 2016 17:24

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

Tgt Ion:330 Resp: 745645
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 38.3 31.7 47.5

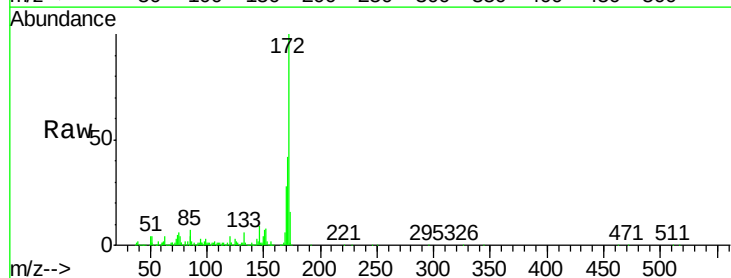


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

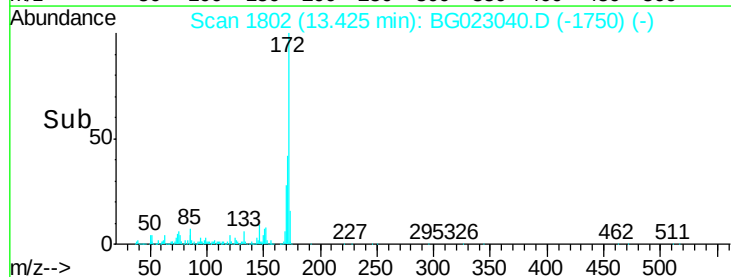
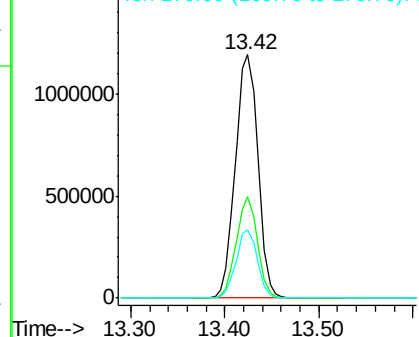


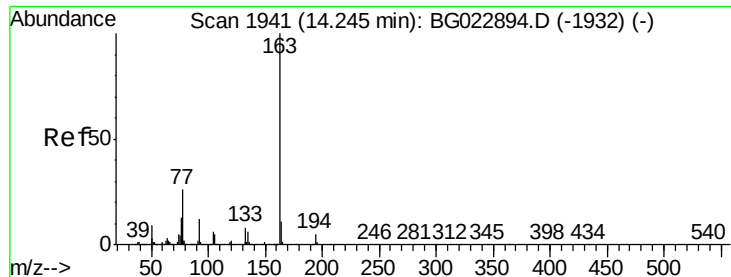
#44
 2-Fluorobiphenyl
 Concen: 96.06 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023040.D
 Acq: 12 Jul 2016 17:24

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

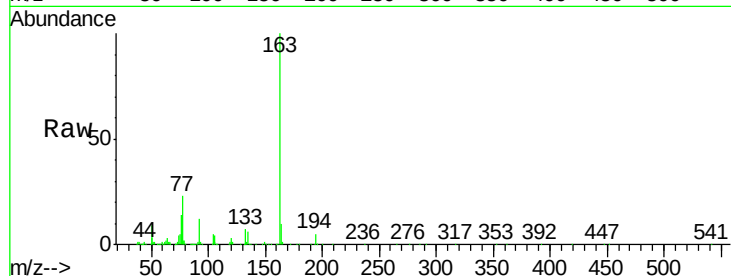
Tgt Ion:163 Resp: 477095

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

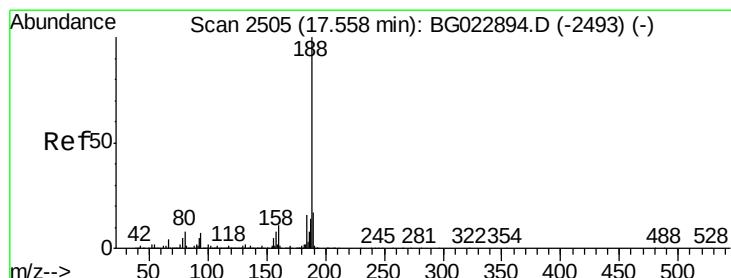
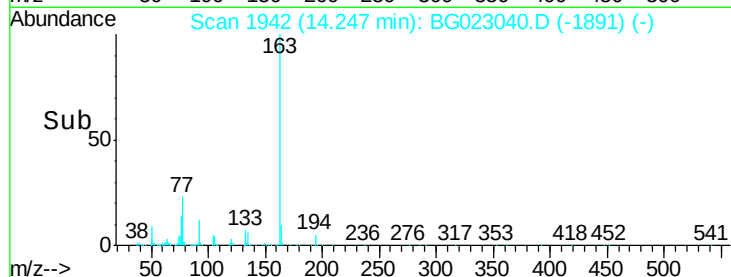
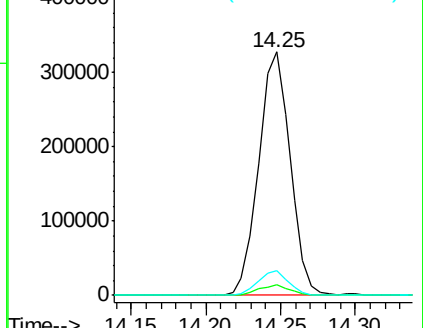
164 10.0 8.1 12.1



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

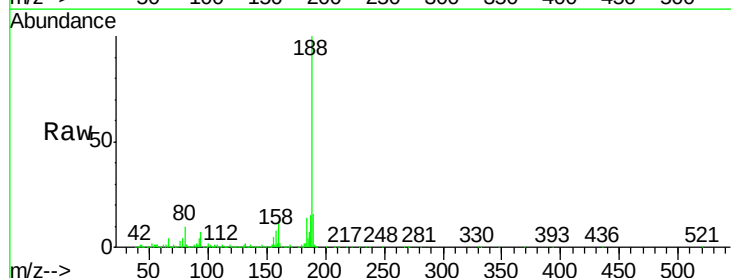
Tgt Ion:188 Resp: 767201

Ion Ratio Lower Upper

188 100

94 6.6 5.2 7.8

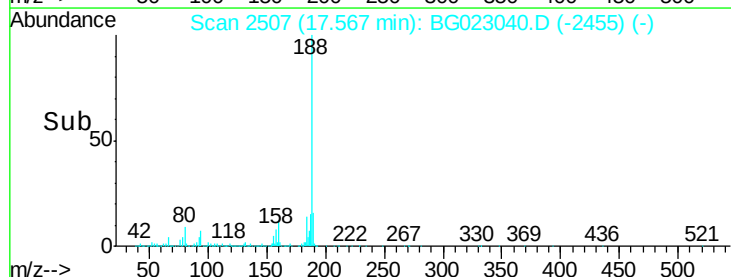
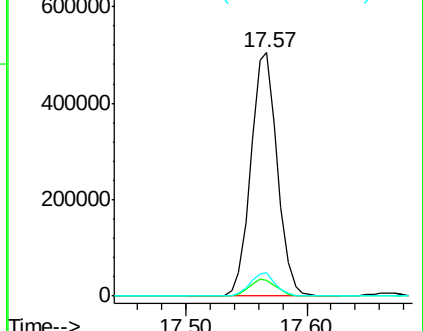
80 9.6 7.2 10.8

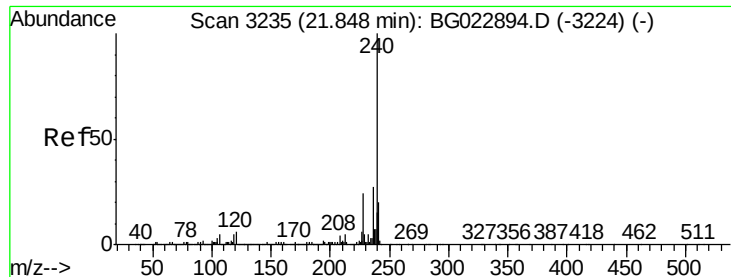


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

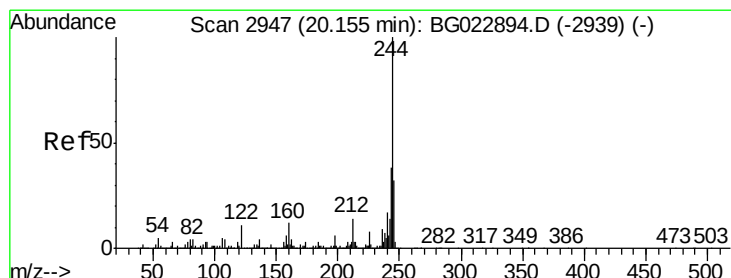
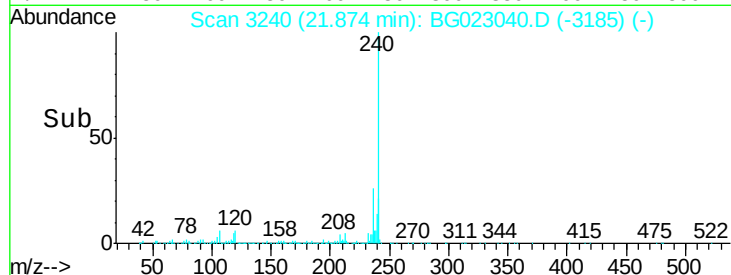
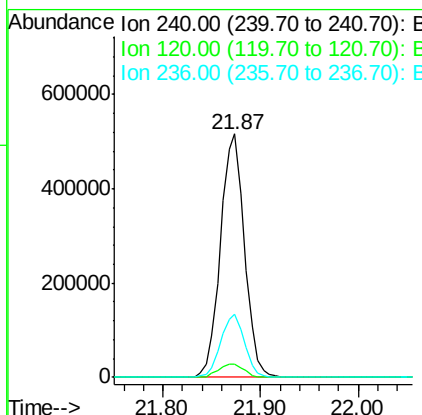
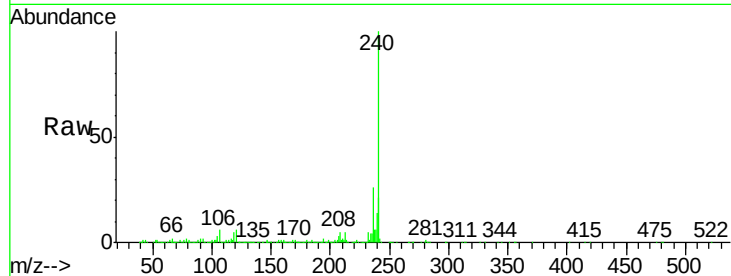




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.87 min Scan# 3240
 Delta R.T. 0.03 min
 Lab File: BG023040.D
 Acq: 12 Jul 2016 17:24

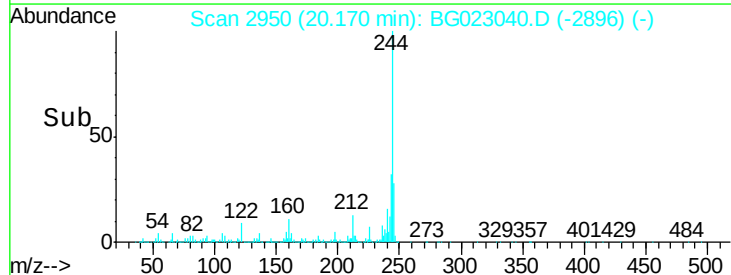
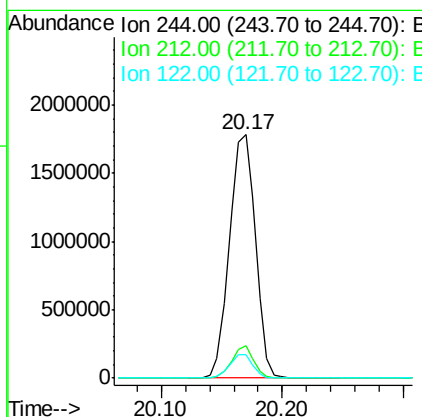
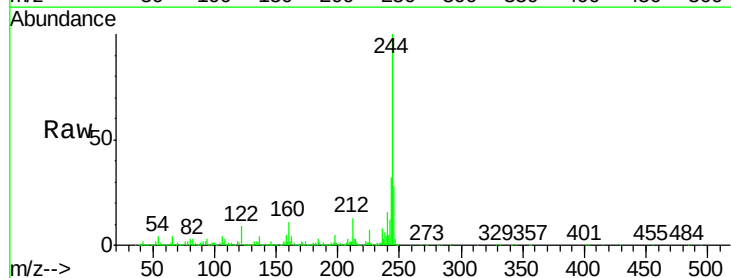
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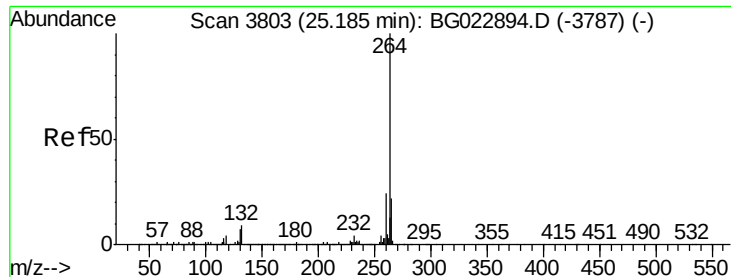
Tgt Ion:240 Resp: 876321
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.1 6.1
 236 26.1 21.1 31.7



#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

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

Delta R.T. 0.07 min

Lab File: BG023040.D

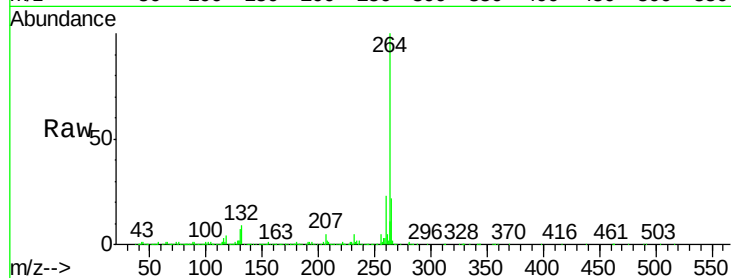
Acq: 12 Jul 2016 17:24

Instrument :

BNA_G

ClientSampleId :

LOCATION-18B-9-11



Tgt Ion: 264 Resp: 881748

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 22.4 18.9 28.3

