

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022925.D
 Acq On : 8 Jul 2016 10:44
 Operator : UM/SJ
 Sample : H3876-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-B-LOCATION-1-15-20FT

Quant Time: Jul 08 17:35:32 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

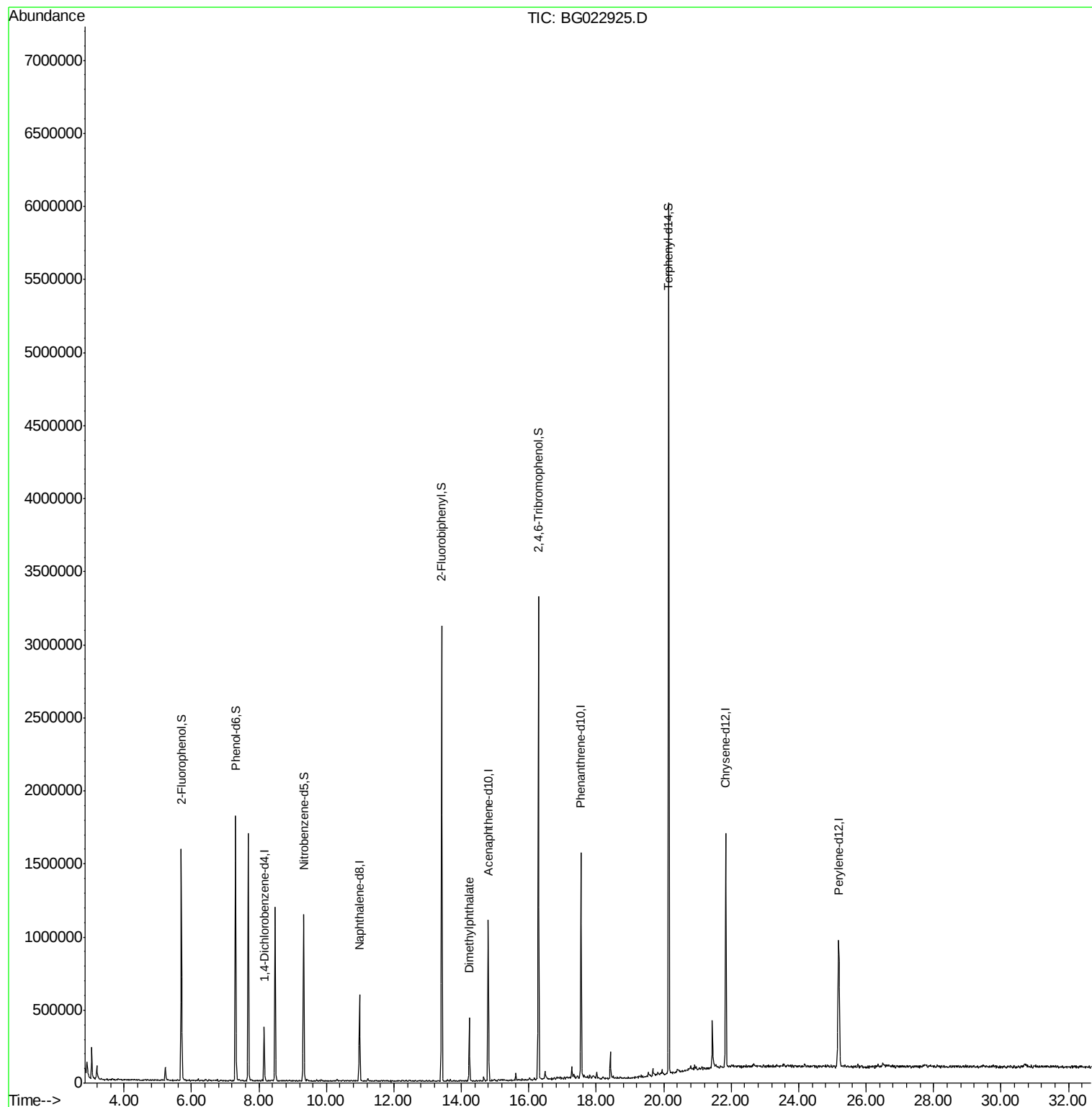
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	97874	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	461362	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	367250	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	919502	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1016381	20.00	ng	0.00
86) Perylene-d12	25.19	264	1033055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	655109	109.47	ng	0.00
7) Phenol-d6	7.30	99	1050000	112.03	ng	0.00
23) Nitrobenzene-d5	9.32	82	736385	68.34	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	608595	92.21	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1536837	65.91	ng	0.00
78) Terphenyl-d14	20.15	244	2428559	71.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	265732	8.86	ng	Qvalue # 95

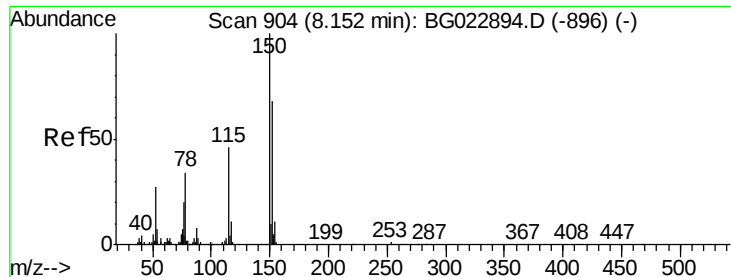
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022925.D

Acq: 8 Jul 2016 10:44

Instrument :

BNA_G

ClientSampleId :

1-B-LOCATION-1-15-20FT

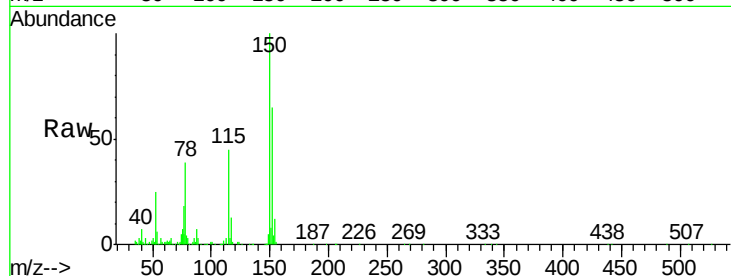
Tot Ion:152 Resp: 97874

Ion Ratio Lower Upper

152 100

150 154.9 144.7 217.1

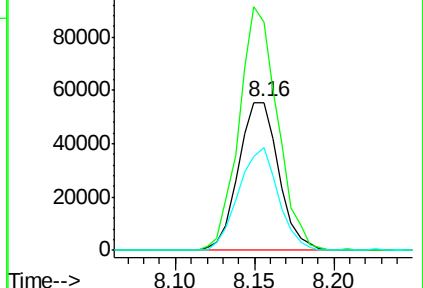
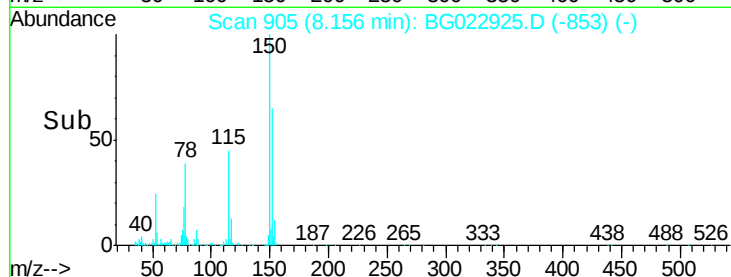
115 69.9 64.0 96.0



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: 109.47 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022925.D

Acq: 8 Jul 2016 10:44

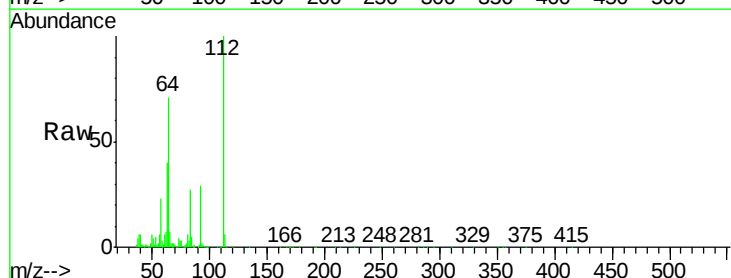
Tgt Ion:112 Resp: 655109

Ion Ratio Lower Upper

112 100

64 70.9 59.0 88.4

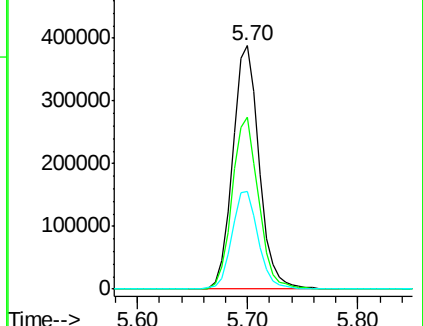
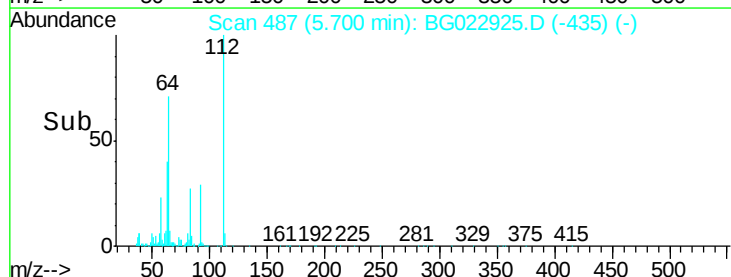
63 40.2 37.8 56.8

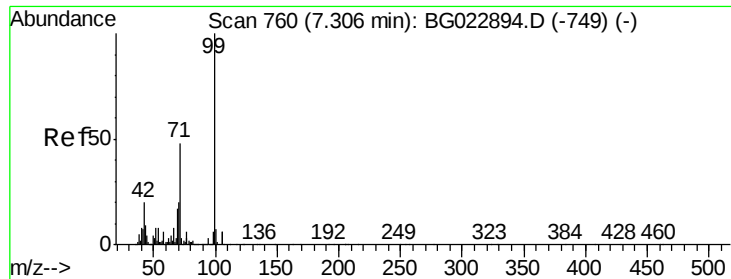


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.03 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022925.D

Acq: 8 Jul 2016 10:44

Instrument :

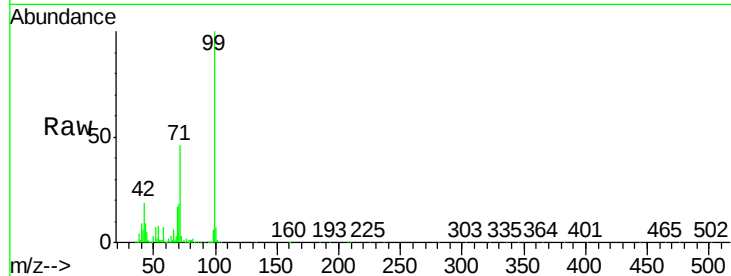
BNA_G

ClientSampleId :

1-B-LOCATION-1-15-20FT

Tot Ion: 99 Resp: 1050000

Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.8	26.6
71	46.4	41.5	62.3

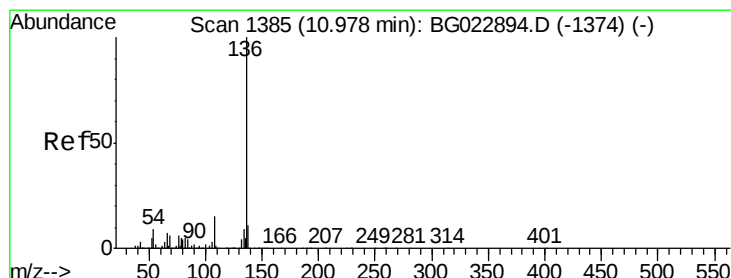
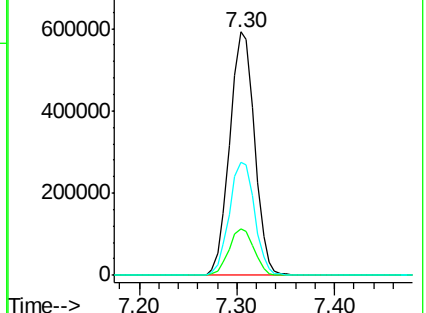
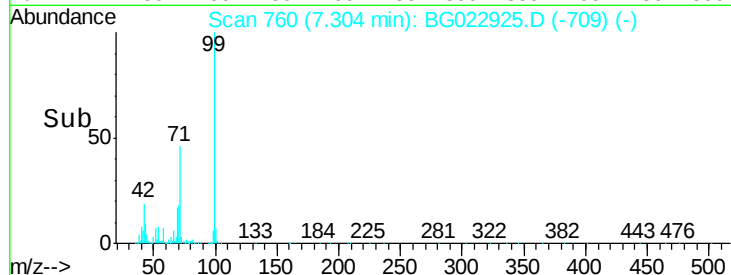


Abundance

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

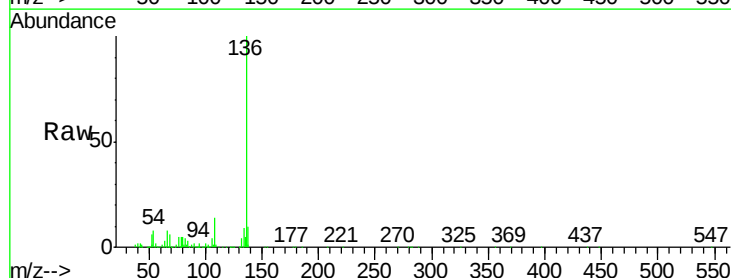
Delta R.T. 0.00 min

Lab File: BG022925.D

Acq: 8 Jul 2016 10:44

Tgt Ion: 136 Resp: 461362

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.6	14.4
54	7.7	7.3	10.9
68	6.4	5.3	7.9



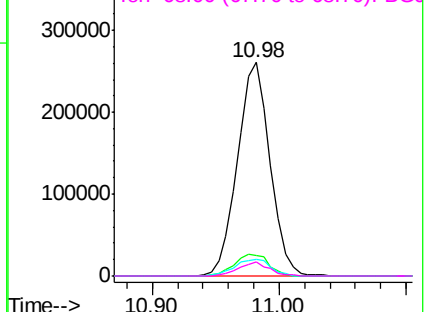
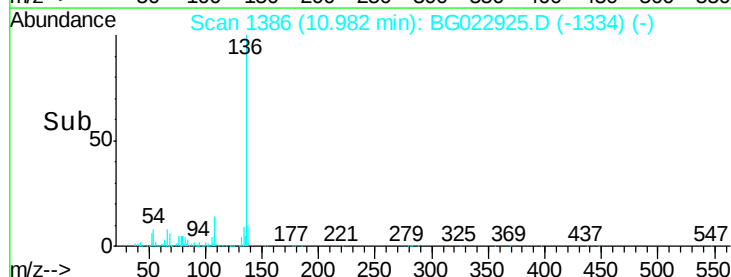
Abundance

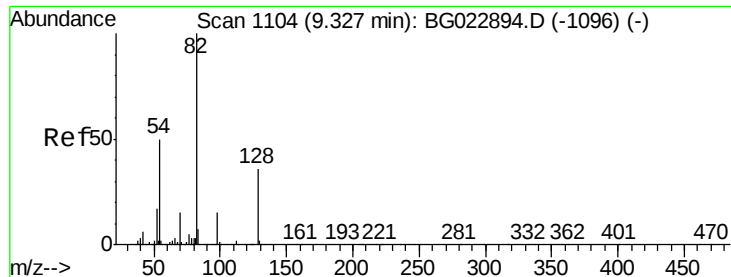
Ion 136.00 (135.70 to 136.70): BGC

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

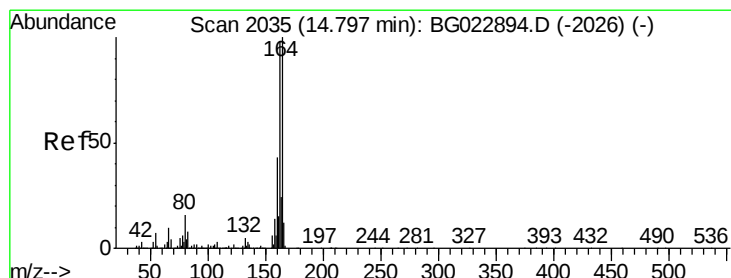
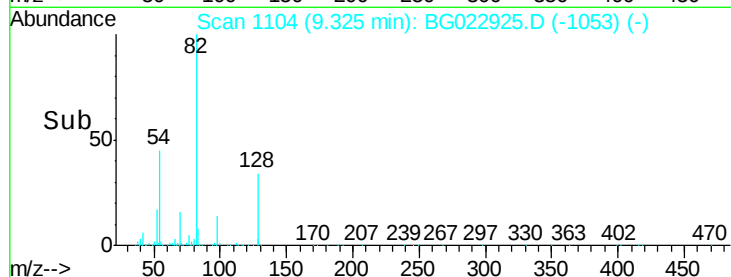
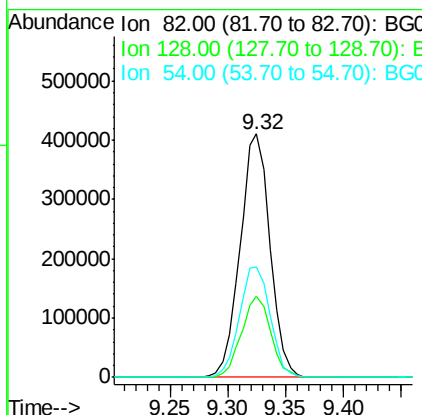
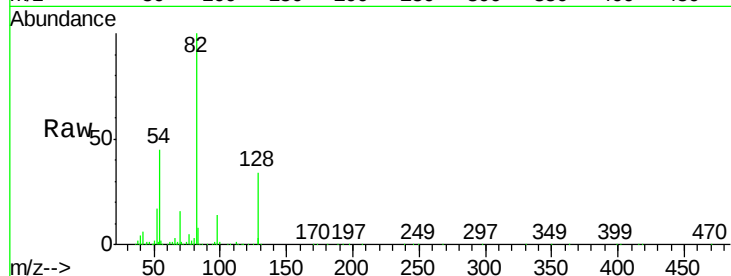




#23
Nitrobenzene-d5
Concen: 68.34 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022925.D
Acq: 8 Jul 2016 10:44

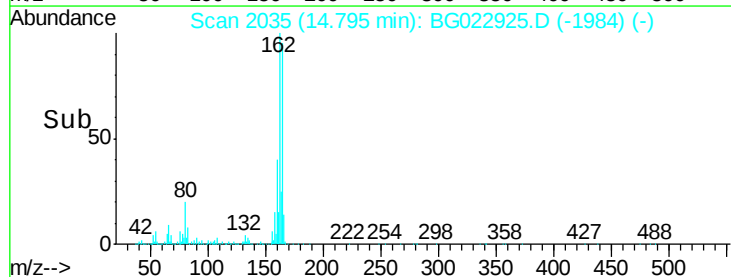
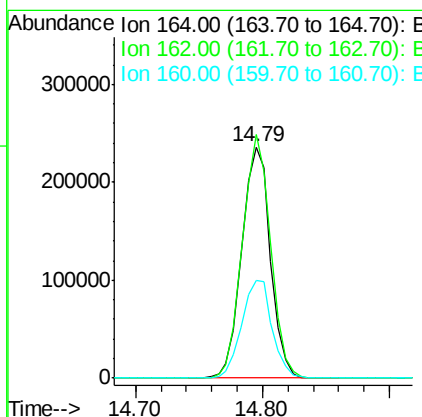
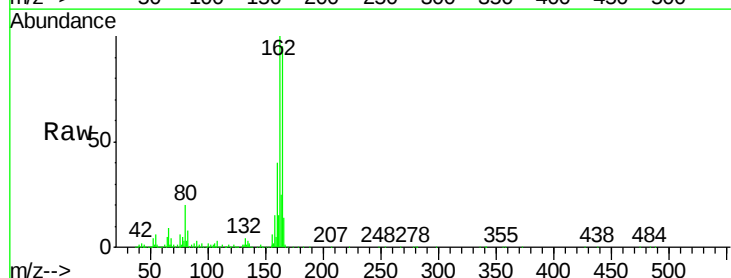
Instrument :
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1-B-LOCATION-1-15-20FT

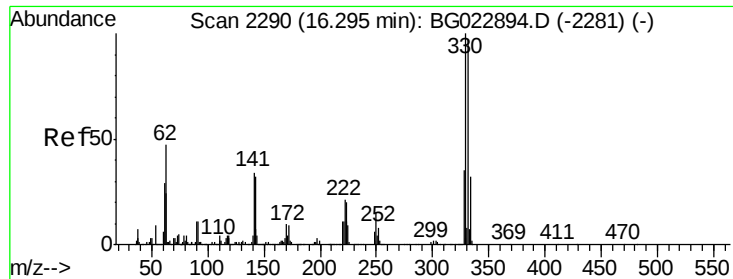
Tot Ion	82	Resp	736385
Ion Ratio	Lower	Upper	
82	100		
128	33.5	24.4	36.6
54	45.3	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022925.D
Acq: 8 Jul 2016 10:44

Tgt Ion	164	Resp	367250
Ion Ratio	Lower	Upper	
164	100		
162	105.3	87.7	131.5
160	42.4	37.2	55.8

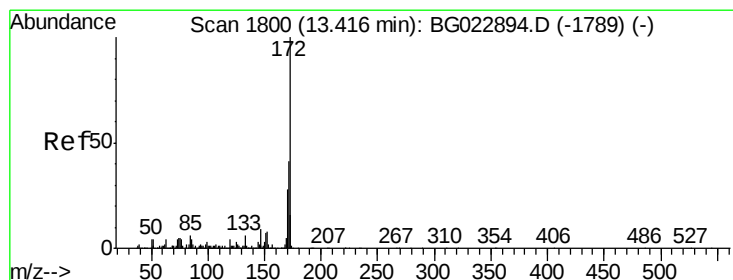
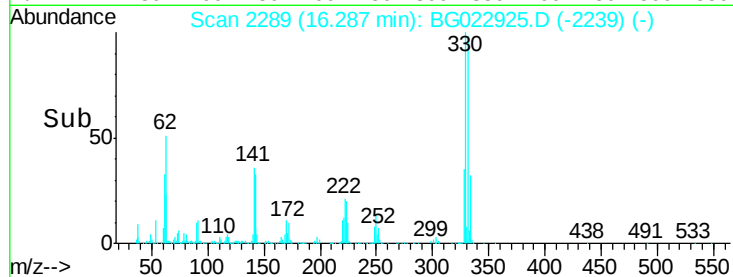
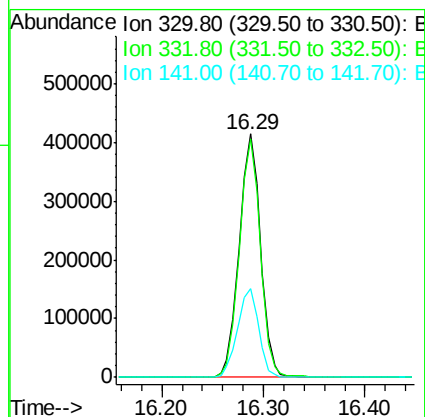
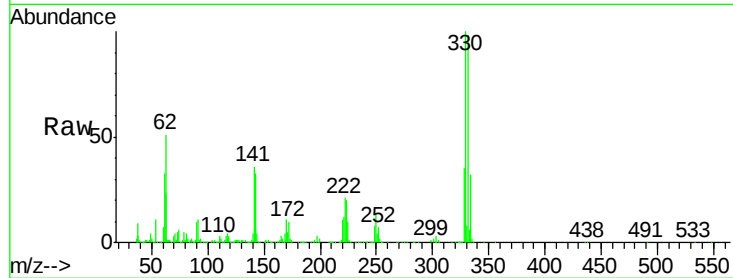




#41
 2,4,6-Tribromophenol
 Concen: 92.21 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022925.D
 Acq: 8 Jul 2016 10:44

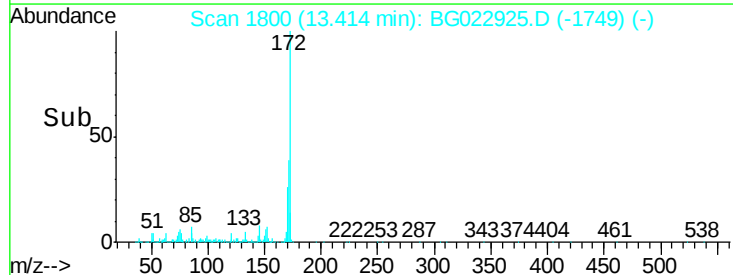
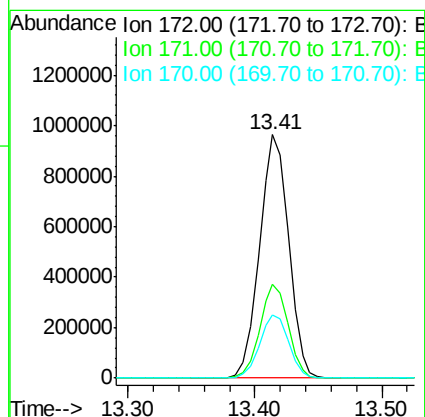
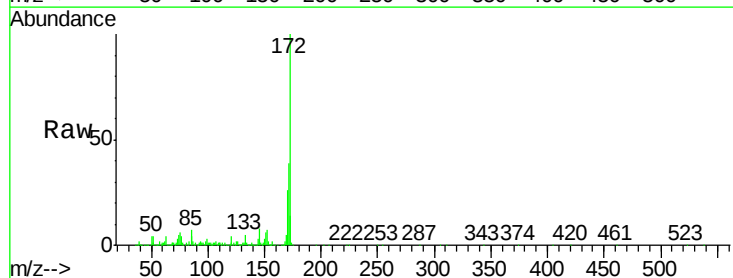
Instrument :
 BNA_G
 ClientSampleId :
 1-B-LOCATION-1-15-20FT

Tot Ion:330 Resp: 608595
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 36.4 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 65.91 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022925.D
 Acq: 8 Jul 2016 10:44

Tgt Ion:172 Resp: 1536837
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.6 47.4
 170 26.0 21.3 31.9





#49

Dimethylphthalate

Concen: 8.86 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022925.D

Acq: 8 Jul 2016 10:44

Instrument :

BNA_G

ClientSampleId :

1-B-LOCATION-1-15-20FT

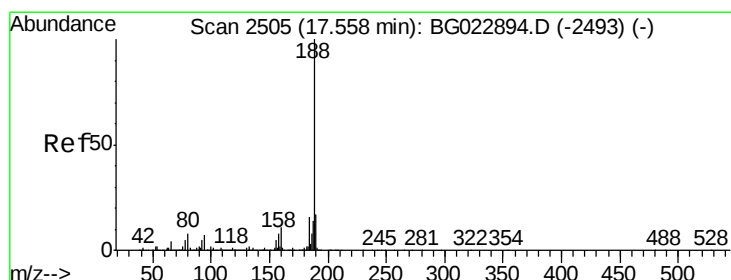
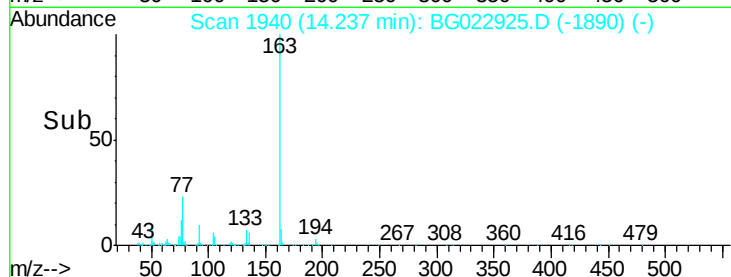
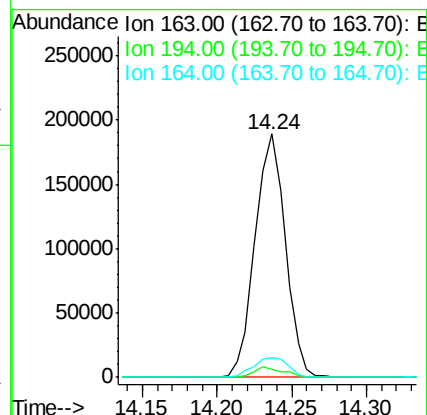
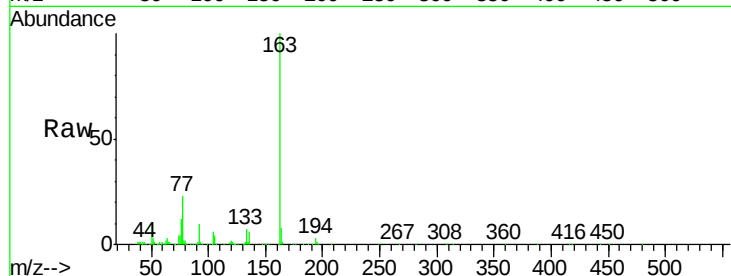
Tot Ion:163 Resp: 265732

Ion Ratio Lower Upper

163 100

194 3.3 3.6 5.4#

164 8.2 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: BG022925.D

Acq: 8 Jul 2016 10:44

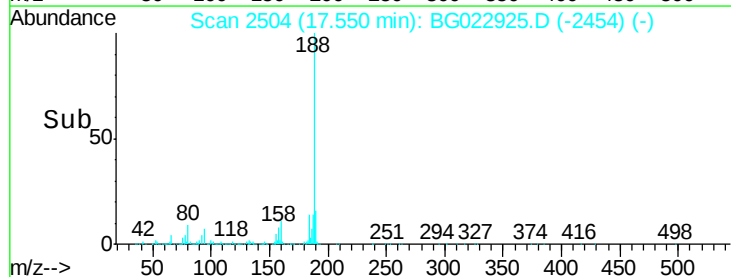
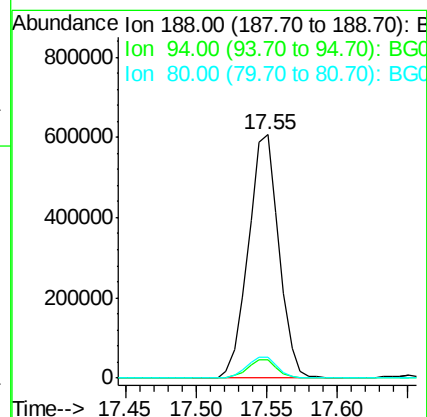
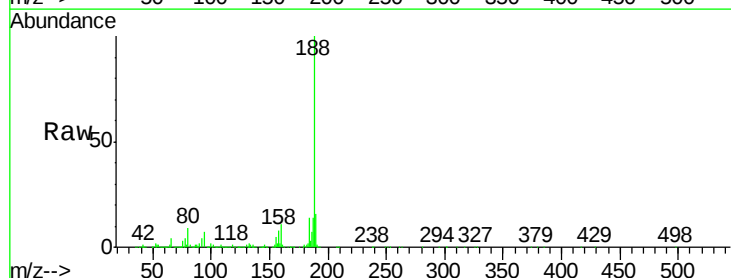
Tgt Ion:188 Resp: 919502

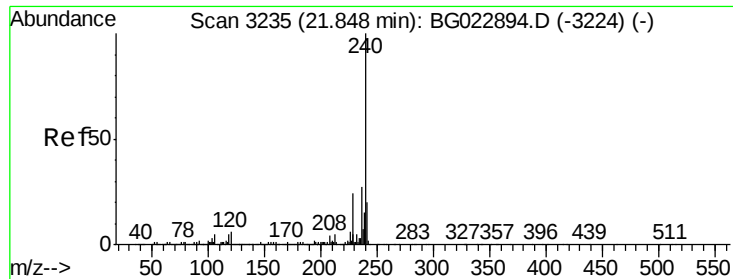
Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

80 8.8 7.2 10.8

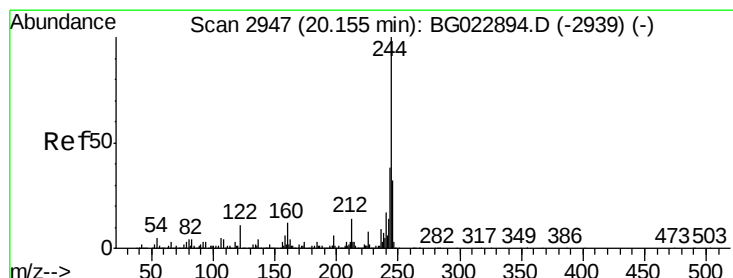
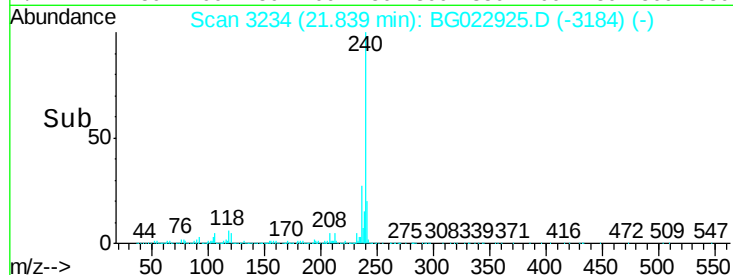
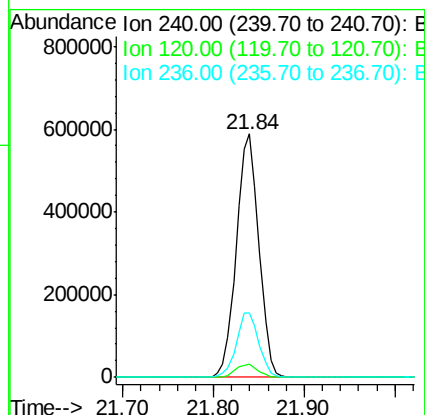
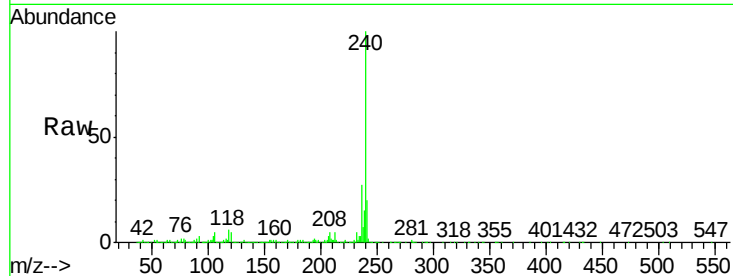




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BG022925.D
 Acq: 8 Jul 2016 10:44

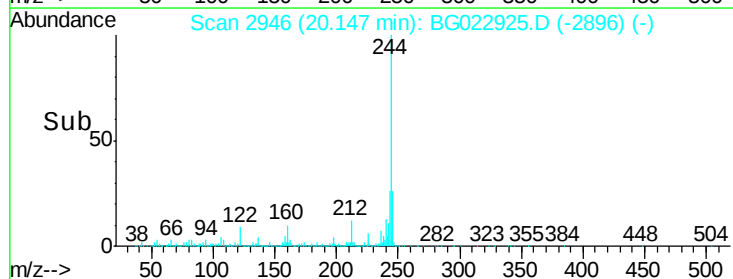
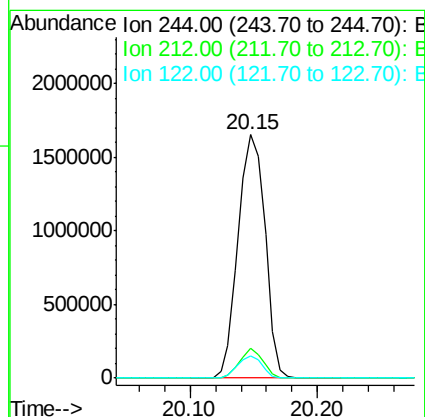
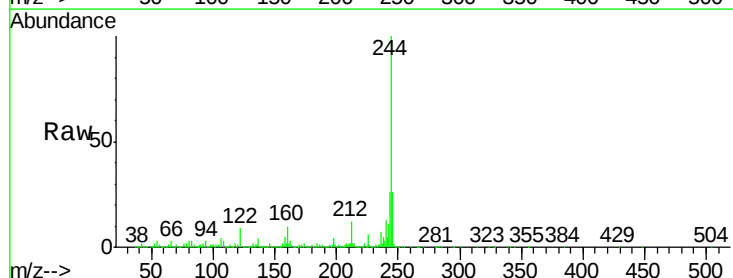
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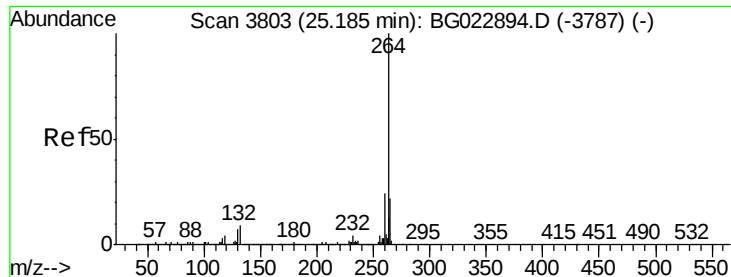
Tot Ion:240 Resp: 1016381
 Ion Ratio Lower Upper
 240 100
 120 5.4 4.1 6.1
 236 26.5 21.1 31.7



#78
 Terphenyl-d14
 Concen: 71.22 ng
 RT: 20.15 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BG022925.D
 Acq: 8 Jul 2016 10:44

Tgt Ion:244 Resp: 2428559
 Ion Ratio Lower Upper
 244 100
 212 12.3 10.8 16.2
 122 9.0 8.0 12.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.19 min Scan# 3804
 Delta R.T. 0.00 min
 Lab File: BG022925.D
 Acq: 8 Jul 2016 10:44

Instrument :
 BNA_G
 ClientSampleId :
 1-B-LOCATION-1-15-20FT

Tot Ion:264 Resp: 1033055
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.4 27.6
 265 22.0 18.9 28.3

