

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039011.D
 Acq On : 9 Jan 2019 2:24
 Operator : JU/SJ
 Sample : K1072-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26KV-POTHEAD-SLABS

Quant Time: Jan 09 03:34:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

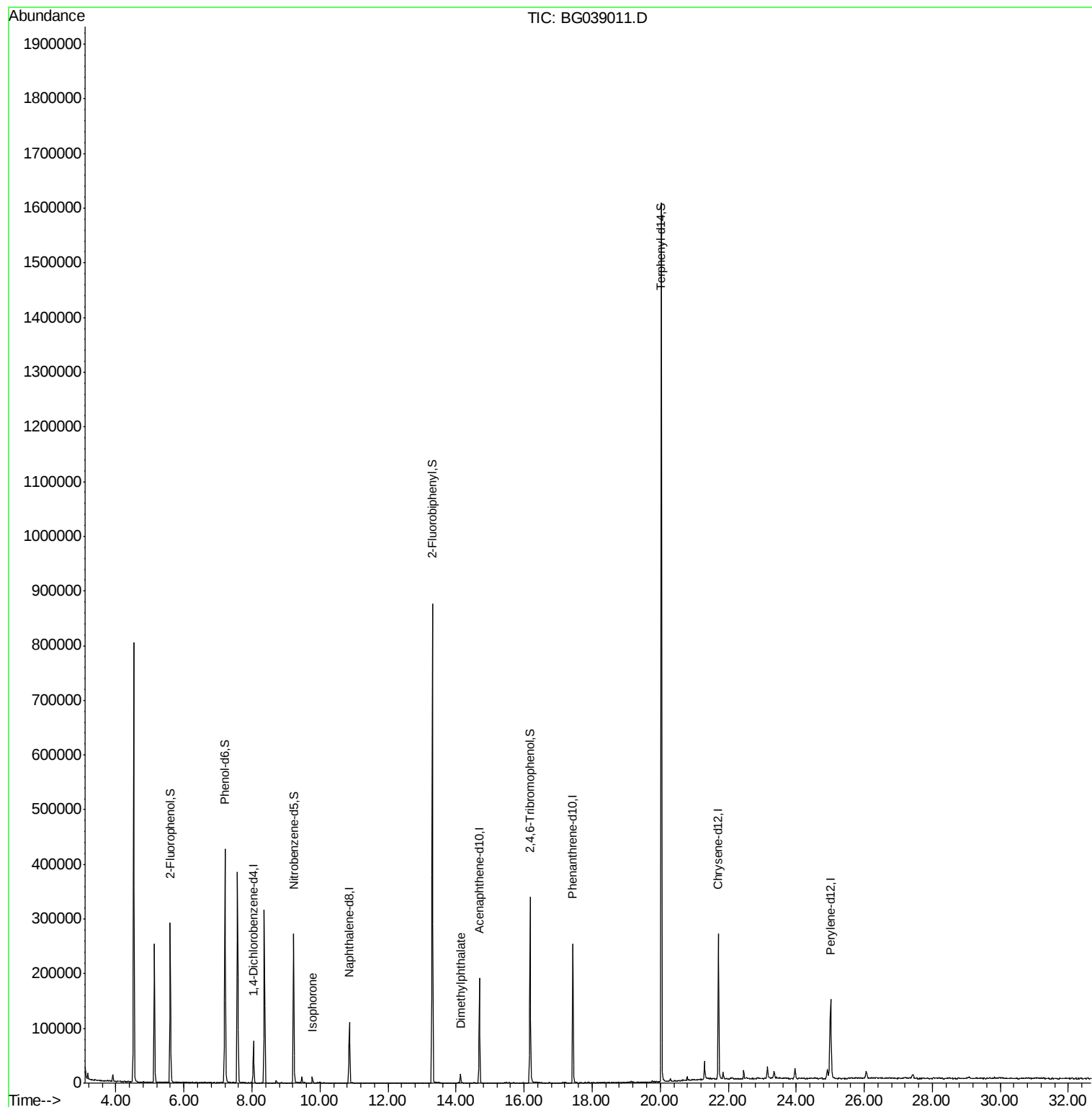
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23304	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	101292	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	73490	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	173032	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	173132	20.00	ng	-0.01
87) Perylene-d12	25.01	264	183853	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	137386	104.56	ng	0.00
7) Phenol-d6	7.21	99	256641	142.28	ng	0.00
23) Nitrobenzene-d5	9.22	82	165672	83.56	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	80837	79.81	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	495617	92.52	ng	-0.02
79) Terphenyl-d14	20.03	244	858962	107.97	ng	-0.01
Target Compounds						
25) Isophorone	9.77	82	9621	2.701	ng	98
50) Dimethylphthalate	14.13	163	16094	2.682	ng	# 98

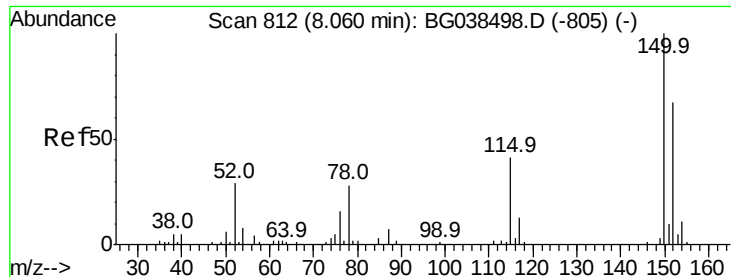
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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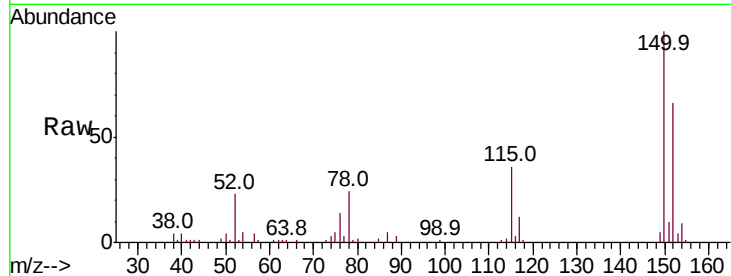


#1

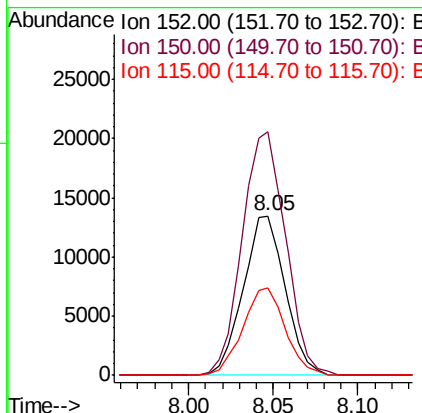
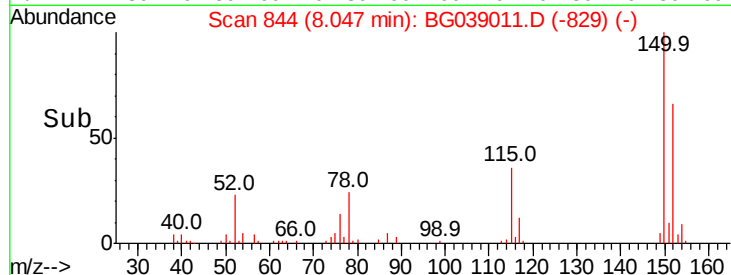
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG039011.D
Acq: 9 Jan 2019 2:24

Instrument :
BNA_G
ClientSampleId :
26KV-POTHEAD-SLABS

Tot Ion:152 Resp: 23304
Ion Ratio Lower Upper
152 100
150 152.5 119.5 179.3
115 55.1 49.6 74.4



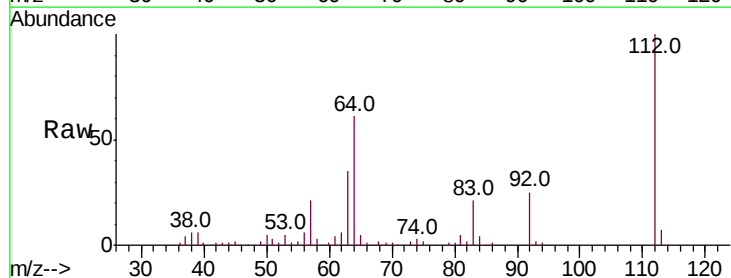
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



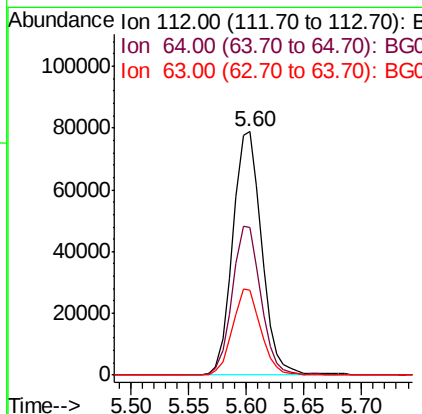
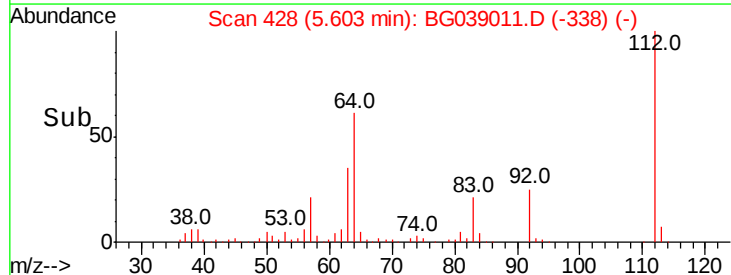
#5

2-Fluorophenol
Concen: 104.564 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG039011.D
Acq: 9 Jan 2019 2:24

Tgt Ion:112 Resp: 137386
Ion Ratio Lower Upper
112 100
64 60.7 53.4 80.2
63 34.6 29.3 43.9



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: 142.284 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

Instrument :

BNA_G

ClientSampleId :

26KV-POTHEAD-SLABS

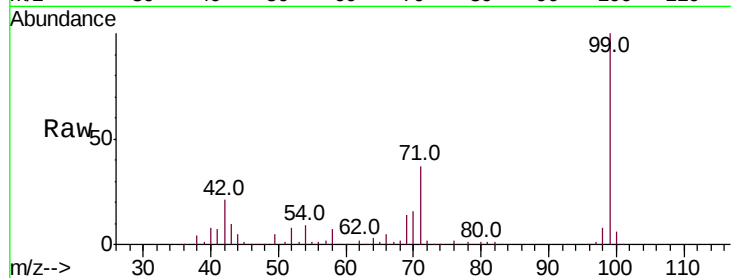
Tot Ion: 99 Resp: 256641

Ion Ratio Lower Upper

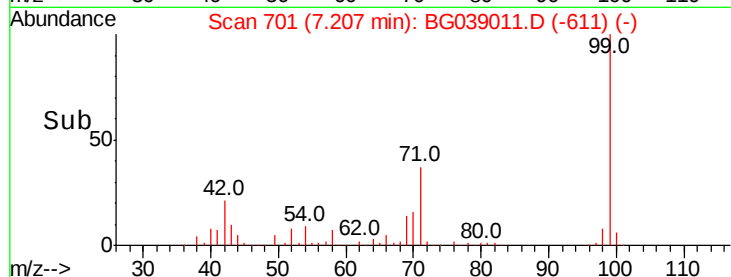
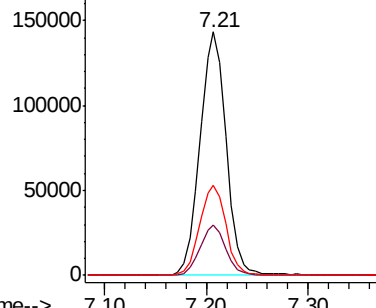
99 100

42 20.8 18.5 27.7

71 37.1 31.1 46.7



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: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

Tgt Ion: 136 Resp: 101292

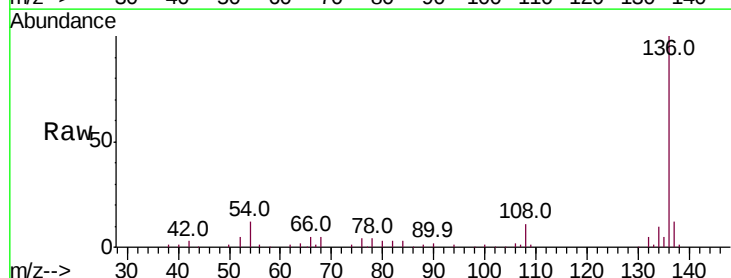
Ion Ratio Lower Upper

136 100

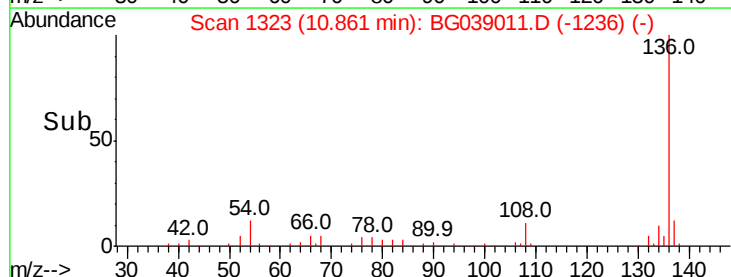
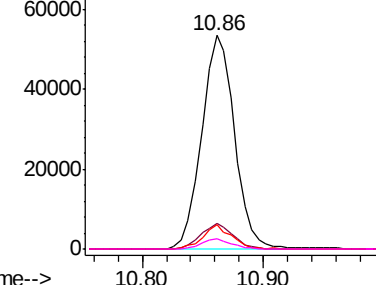
137 11.8 9.3 13.9

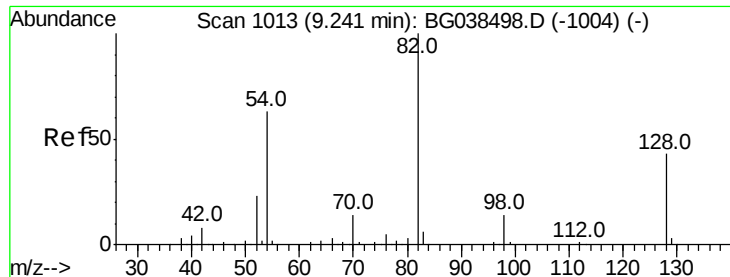
54 11.5 8.5 12.7

68 5.0 3.5 5.3



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

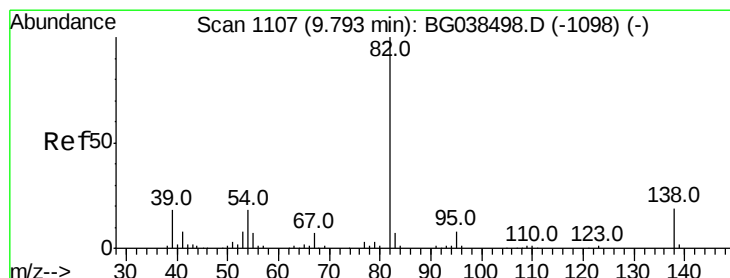
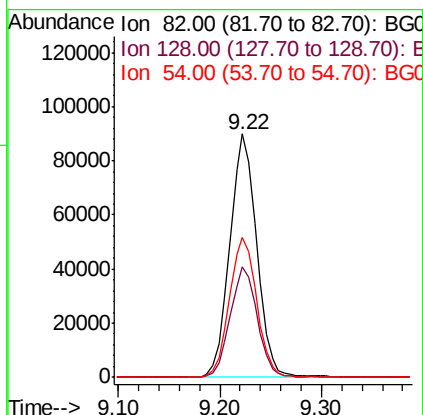
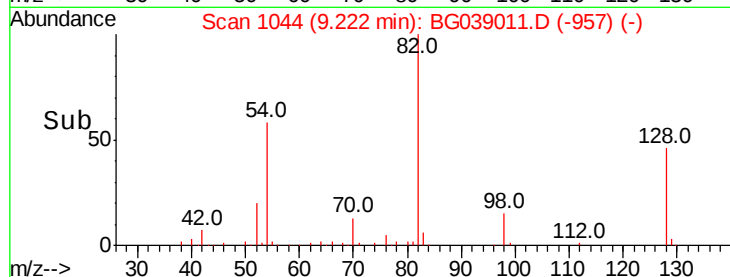
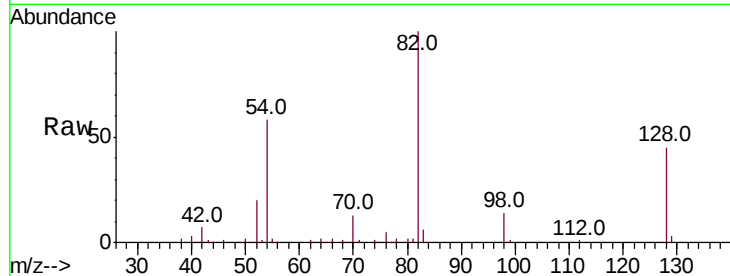




#23
Nitrobenzene-d5
Concen: 83.557 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039011.D
Acq: 9 Jan 2019 2:24

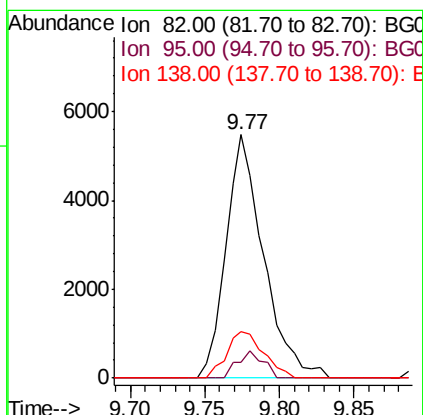
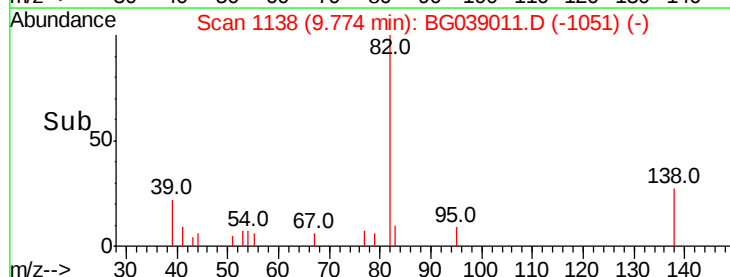
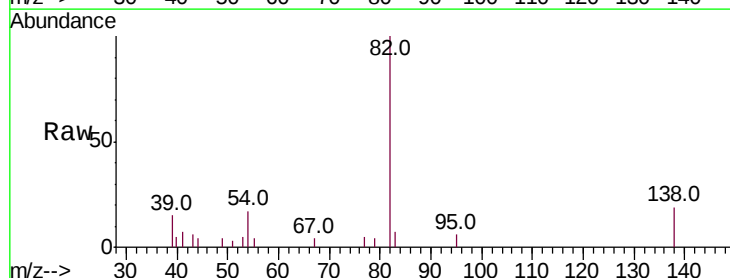
Instrument :
BNA_G
ClientSampleId :
26KV-POTHEAD-SLABS

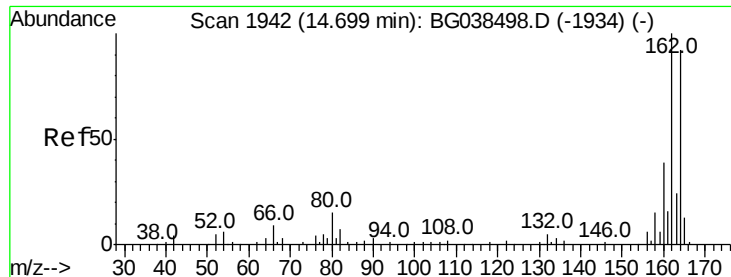
Tot Ion: 82 Resp: 165672
Ion Ratio Lower Upper
82 100
128 45.2 34.6 52.0
54 57.6 50.6 76.0



#25
Isophorone
Concen: 2.701 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BG039011.D
Acq: 9 Jan 2019 2:24

Tgt Ion: 82 Resp: 9621
Ion Ratio Lower Upper
82 100
95 6.3 6.1 9.1
138 19.3 14.9 22.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

Instrument :

BNA_G

ClientSampleId :

26KV-POTHEAD-SLABS

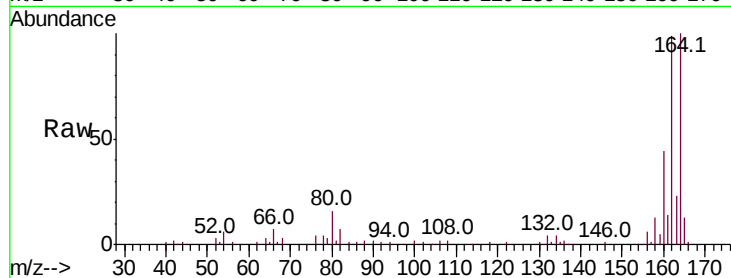
Tot Ion:164 Resp: 73490

Ion Ratio Lower Upper

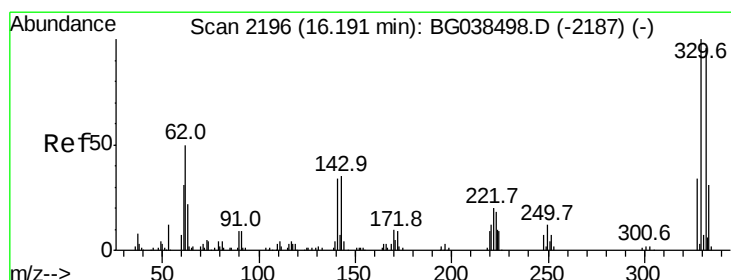
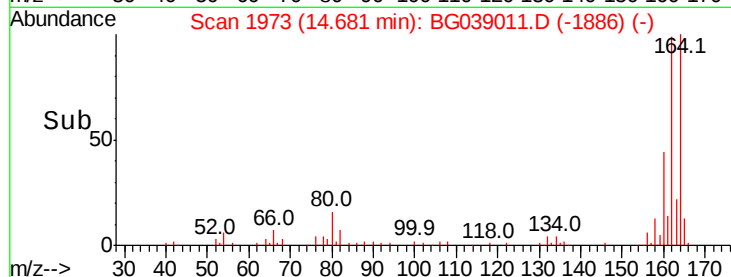
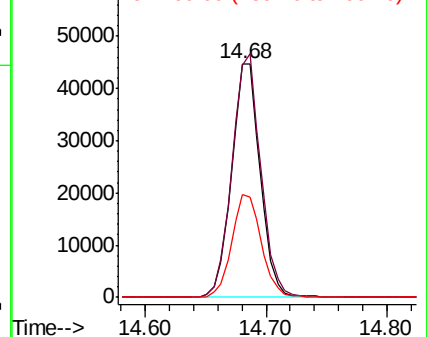
164 100

162 99.2 86.6 130.0

160 44.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 79.813 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

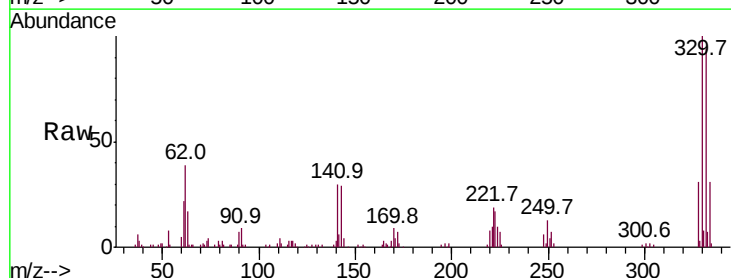
Tgt Ion:330 Resp: 80837

Ion Ratio Lower Upper

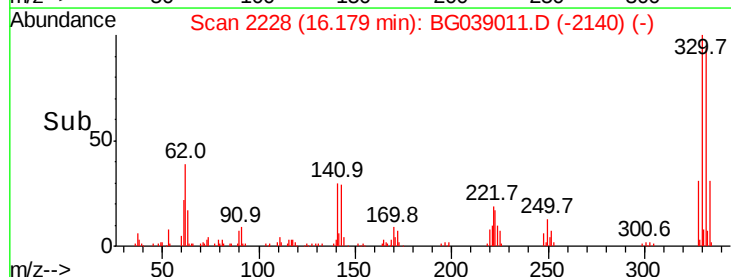
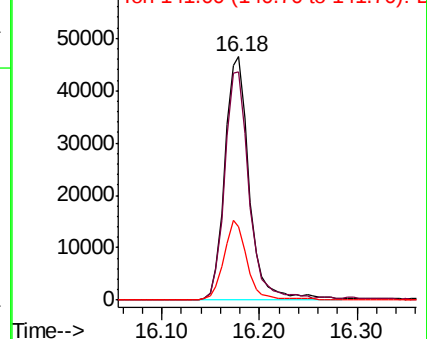
330 100

332 93.7 76.9 115.3

141 30.5 28.8 43.2



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

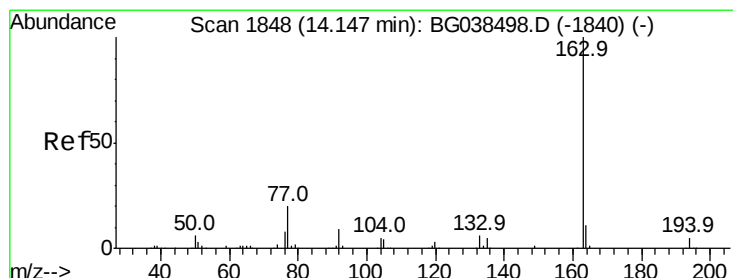
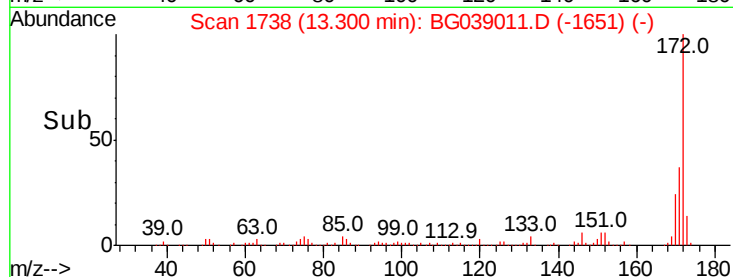
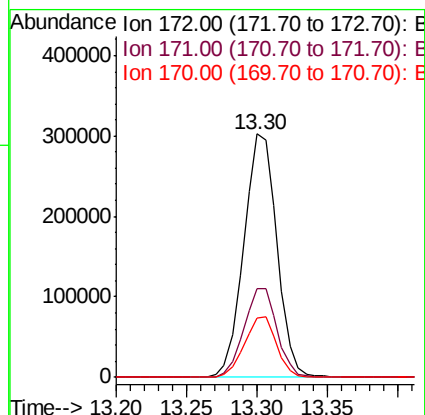
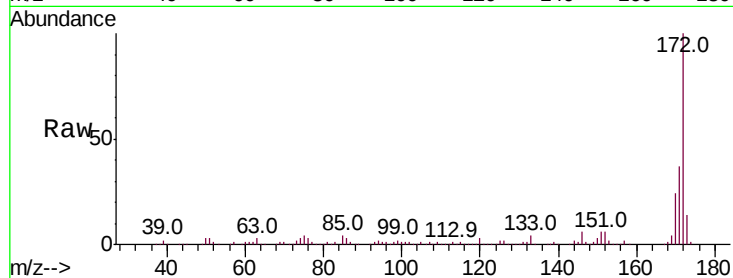




#45
2-Fluorobiphenyl
Concen: 92.518 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG039011.D
Acq: 9 Jan 2019 2:24

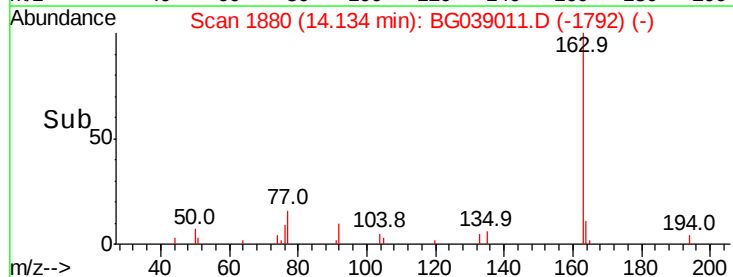
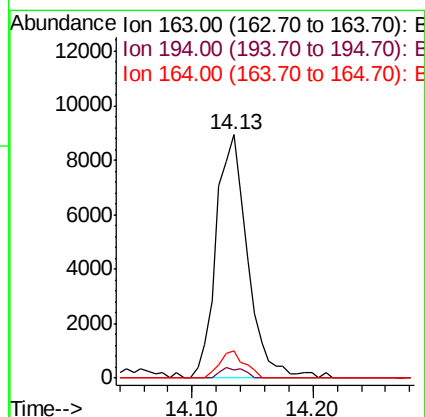
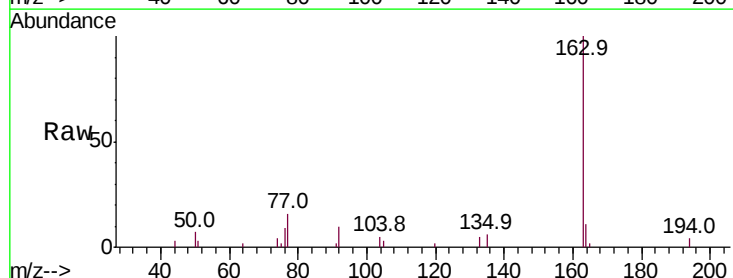
Instrument :
BNA_G
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26KV-POTHEAD-SLABS

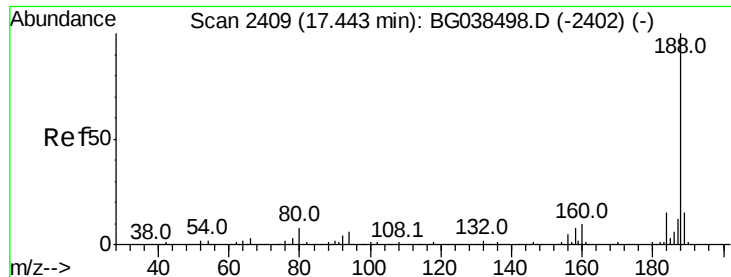
Tot Ion:172 Resp: 495617
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.2 19.5 29.3



#50
Dimethylphthalate
Concen: 2.682 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG039011.D
Acq: 9 Jan 2019 2:24

Tgt Ion:163 Resp: 16094
Ion Ratio Lower Upper
163 100
194 3.5 3.7 5.5#
164 11.3 8.6 12.8

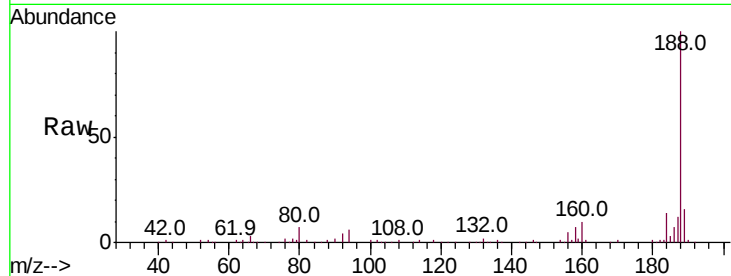




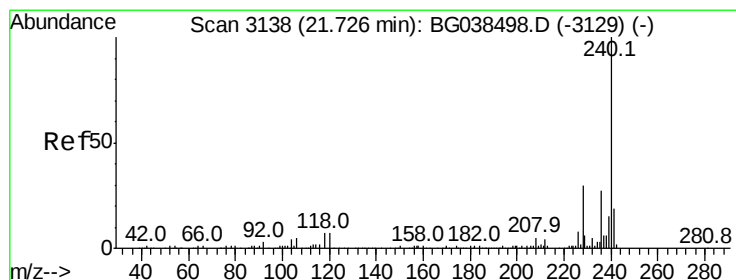
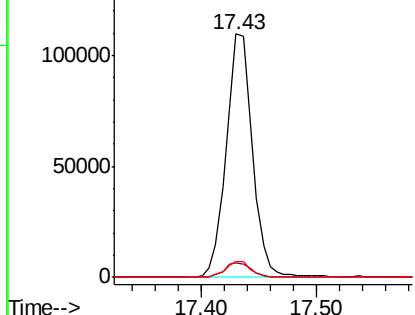
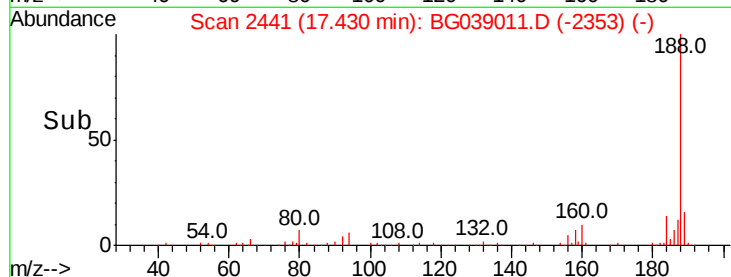
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG039011.D
 Acq: 9 Jan 2019 2:24

Instrument :
 BNA_G
 ClientSampleId :
 26KV-POTHEAD-SLABS

Tot Ion:188 Resp: 173032
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.1 7.7
 80 6.6 6.1 9.1

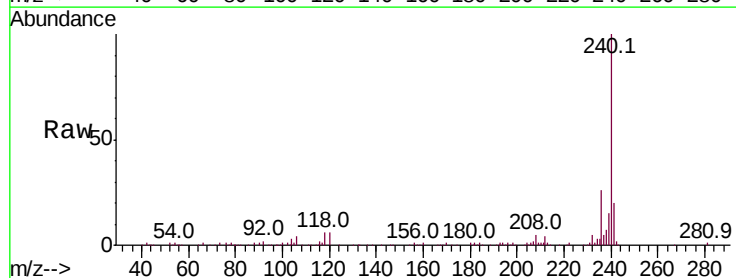


Abundance Ion 188.00 (187.70 to 188.70): E
 150000 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

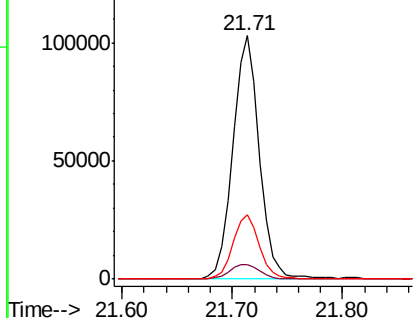
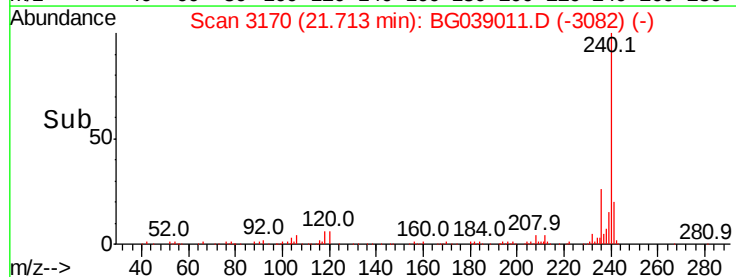


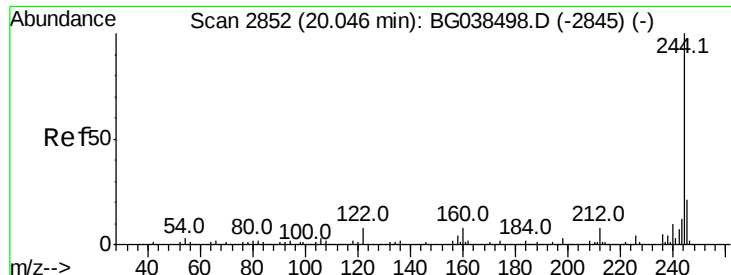
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG039011.D
 Acq: 9 Jan 2019 2:24

Tgt Ion:240 Resp: 173132
 Ion Ratio Lower Upper
 240 100
 120 6.1 5.3 7.9
 236 26.5 21.4 32.2



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





#79

Terphenyl-d14

Concen: 107.975 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

Instrument :

BNA_G

ClientSampleId :

26KV-POTHEAD-SLABS

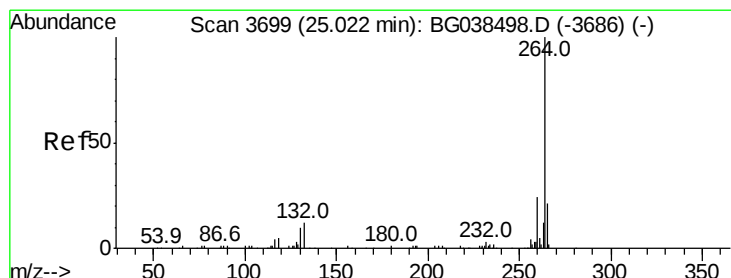
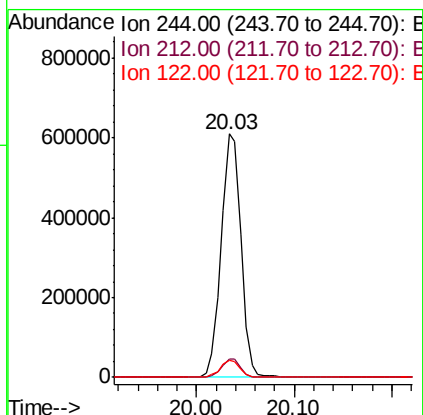
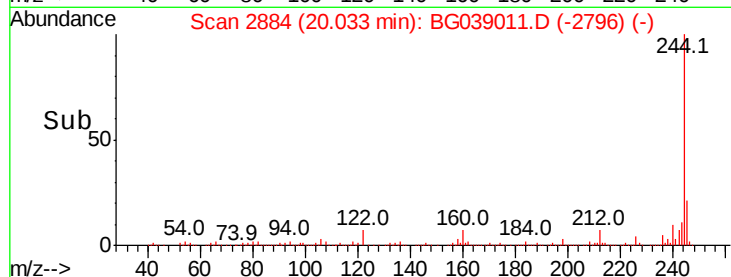
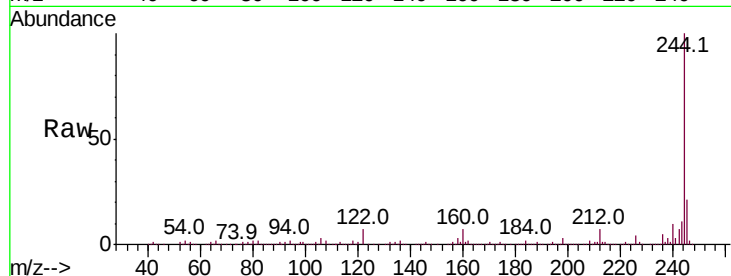
Tot Ion:244 Resp: 858962

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 7.2 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

Tgt Ion:264 Resp: 183853

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 20.7 17.0 25.4

