

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039000.D
 Acq On : 8 Jan 2019 19:12
 Operator : JU/SJ
 Sample : PB116241BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116241BL

Quant Time: Jan 09 03:16:54 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	8.04	152	22438	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	88188	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	63753	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	176084	20.00	ng	0.00
76) Chrysene-d12	21.71	240	193717	20.00	ng	-0.02
87) Perylene-d12	25.01	264	197875	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	173498	137.14	ng	0.00
7) Phenol-d6	7.20	99	239643	137.99	ng	0.00
23) Nitrobenzene-d5	9.23	82	140739	81.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	142138	161.77	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	415621	89.43	ng	-0.02
79) Terphenyl-d14	20.04	244	870563	97.80	ng	0.00

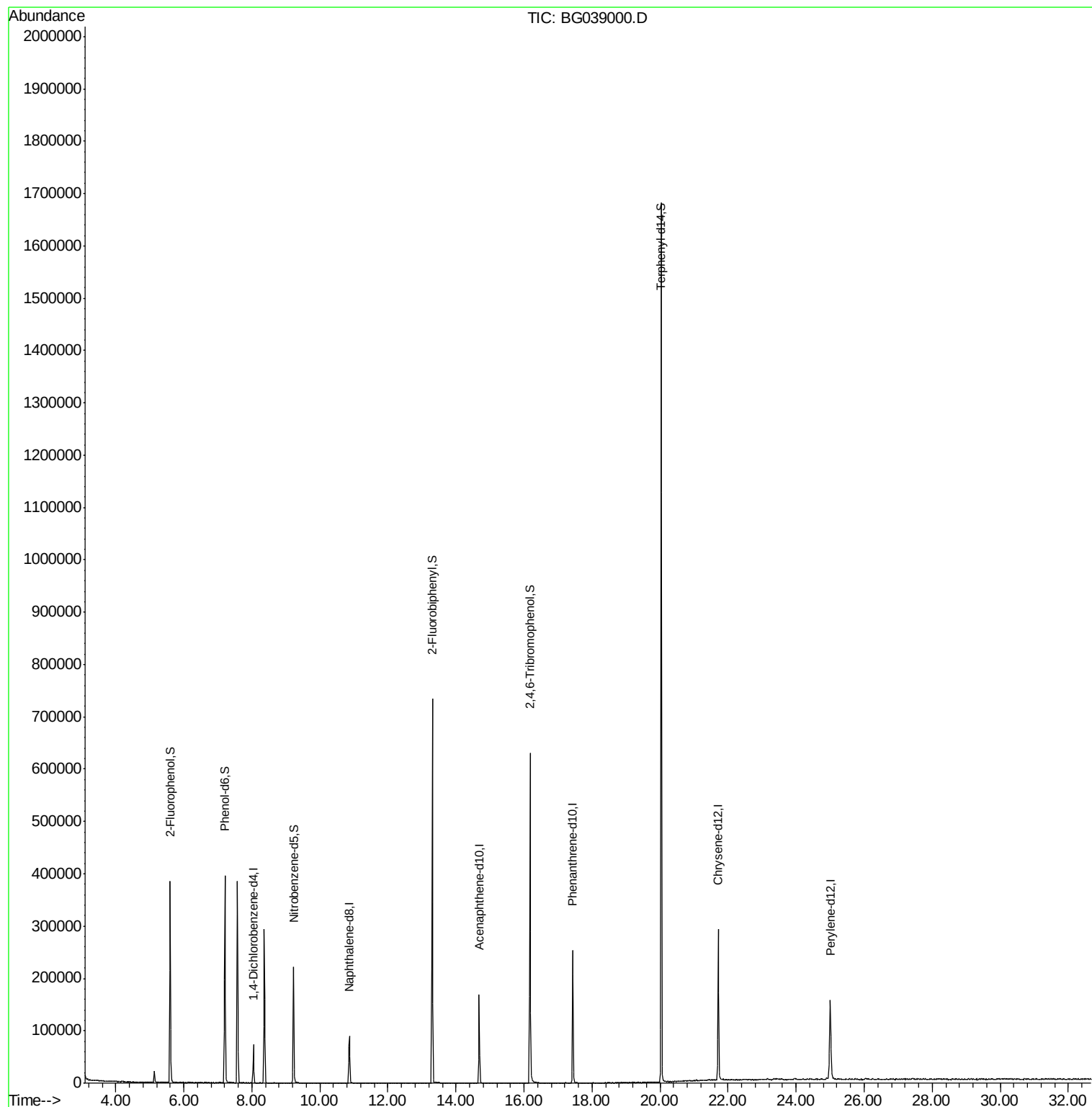
Target Compounds Qvalue

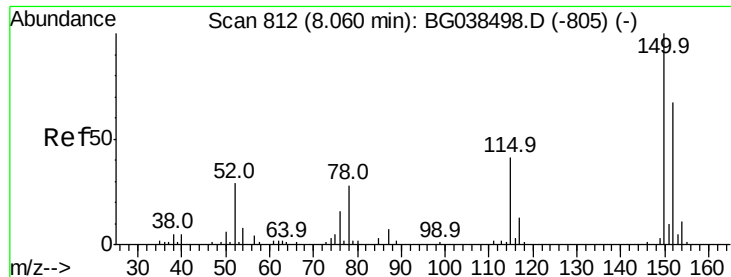
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.02 min

Lab File: BG039000.D

Acq: 8 Jan 2019 19:12

Instrument :

BNA_G

ClientSampleId :

PB116241BL

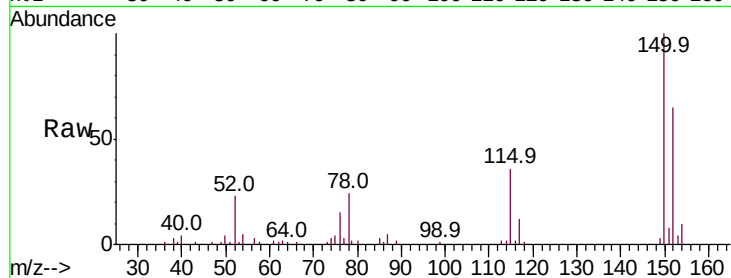
Tot Ion:152 Resp: 22438

Ion Ratio Lower Upper

152 100

150 154.2 119.5 179.3

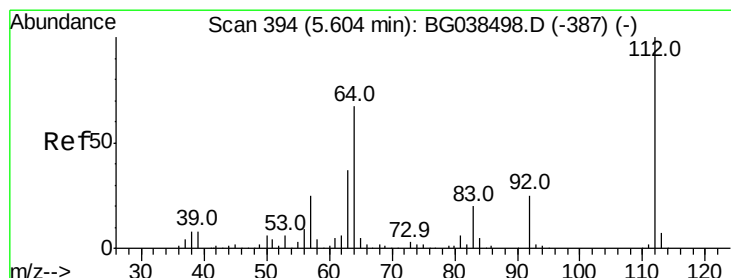
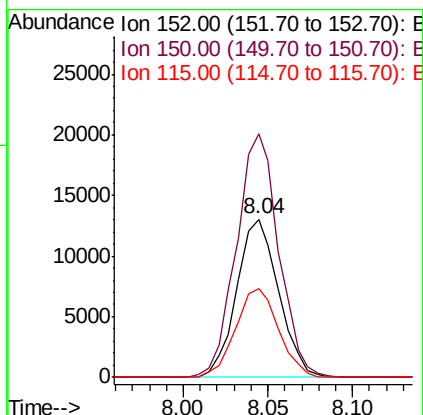
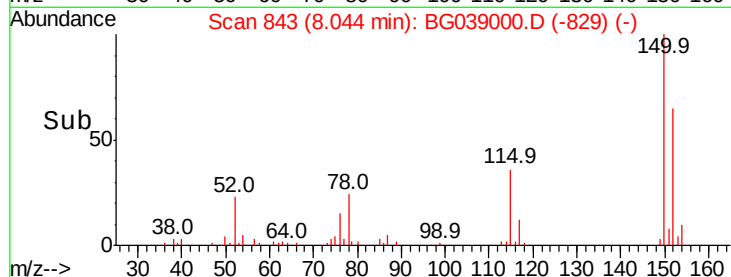
115 55.9 49.6 74.4



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: 137.145 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG039000.D

Acq: 8 Jan 2019 19:12

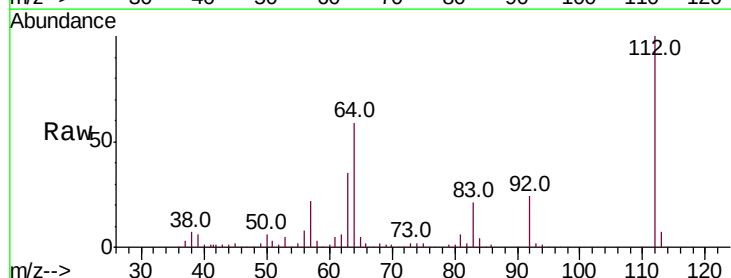
Tgt Ion:112 Resp: 173498

Ion Ratio Lower Upper

112 100

64 58.8 53.4 80.2

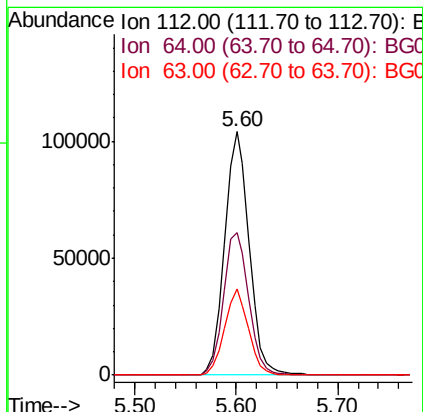
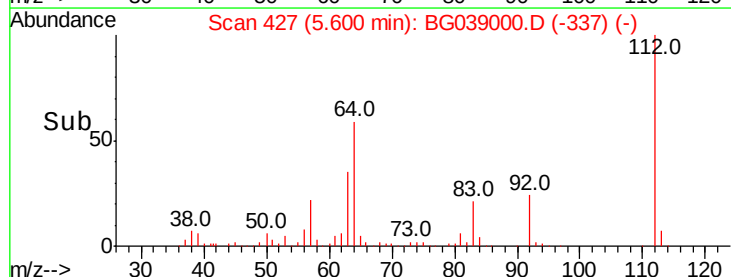
63 35.2 29.3 43.9

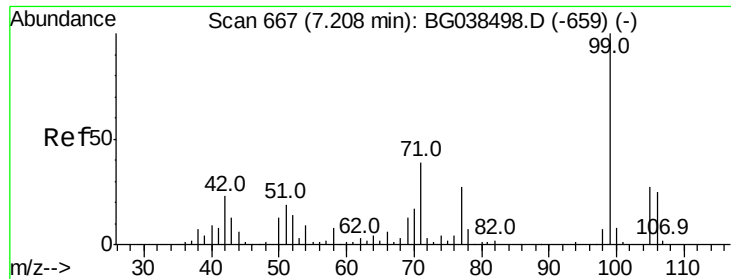


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 137.987 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039000.D

Acq: 8 Jan 2019 19:12

Instrument :

BNA_G

ClientSampleId :

PB116241BL

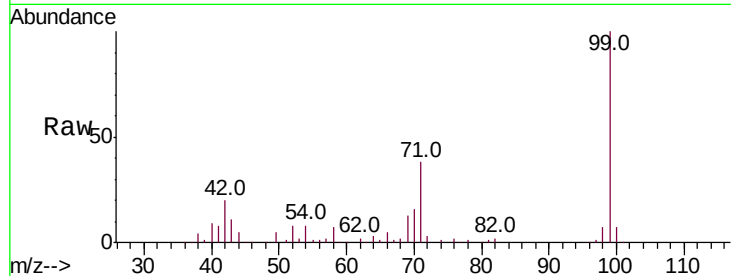
Tot Ion: 99 Resp: 239643

Ion Ratio Lower Upper

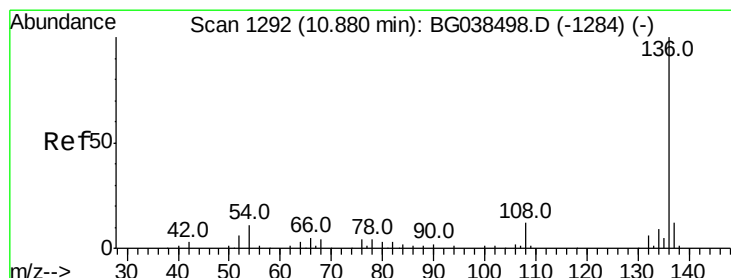
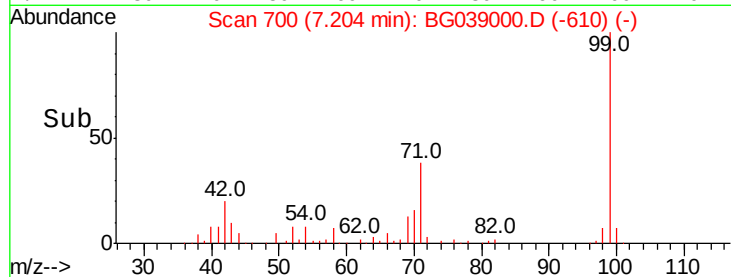
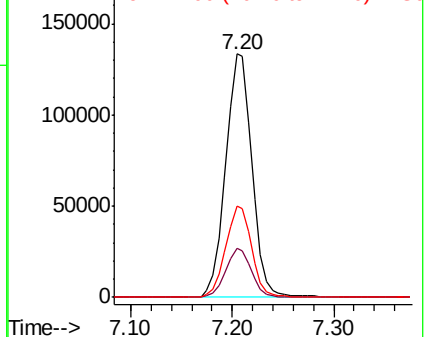
99 100

42 20.0 18.5 27.7

71 37.6 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# 1322

Delta R.T. -0.02 min

Lab File: BG039000.D

Acq: 8 Jan 2019 19:12

Tgt Ion: 136 Resp: 88188

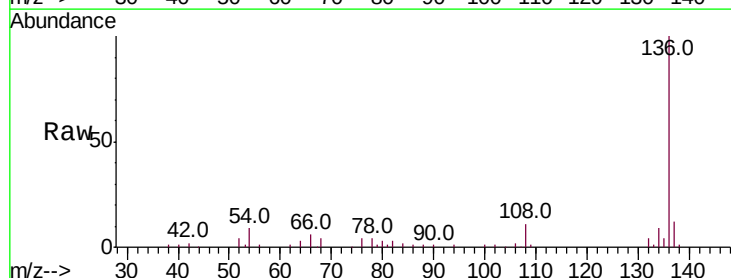
Ion Ratio Lower Upper

136 100

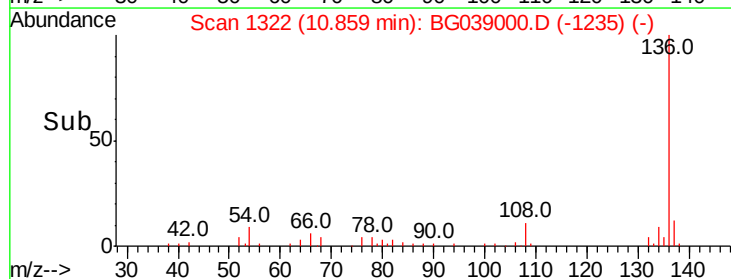
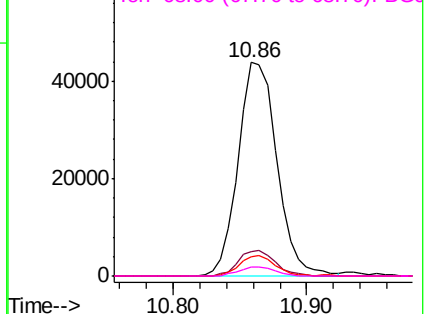
137 11.6 9.3 13.9

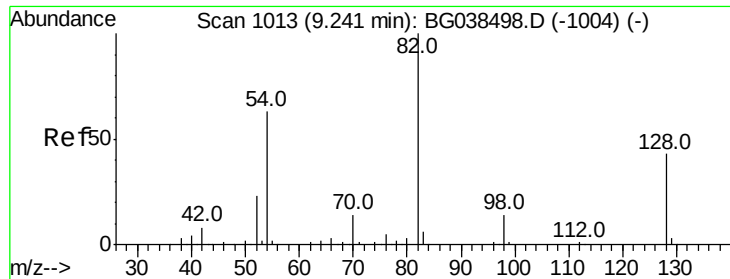
54 9.0 8.5 12.7

68 4.1 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

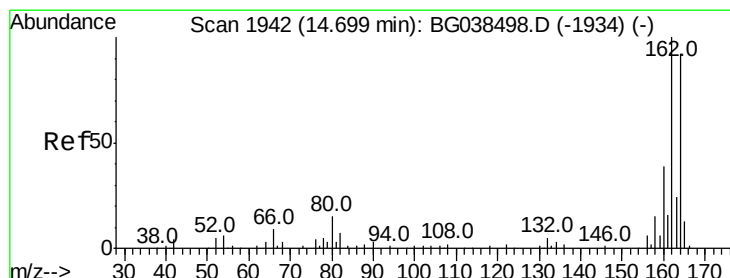
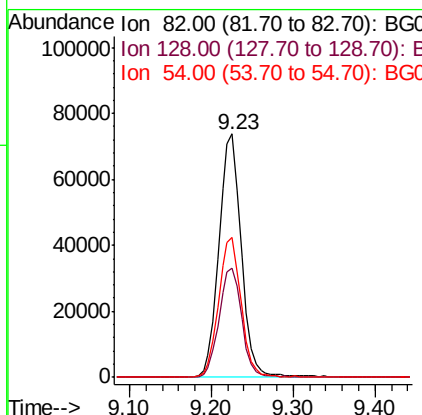
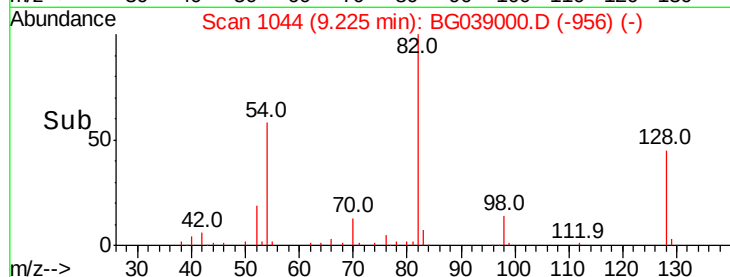
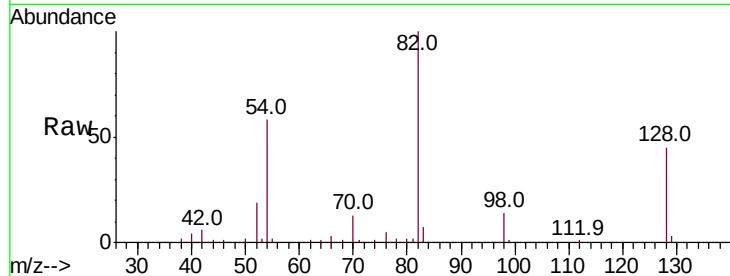




#23
 Nitrobenzene-d5
 Concen: 81.530 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG039000.D
 Acq: 8 Jan 2019 19:12

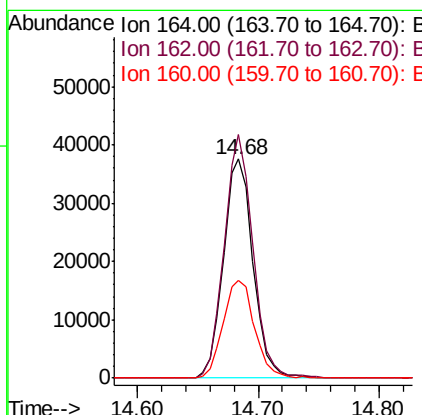
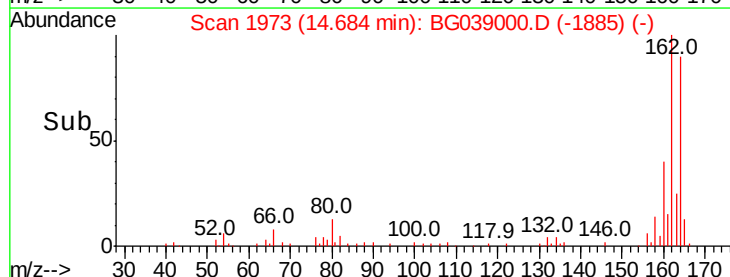
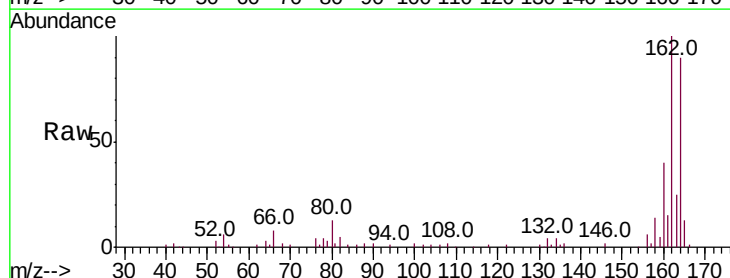
Instrument :
 BNA_G
 ClientSampleId :
 PB116241BL

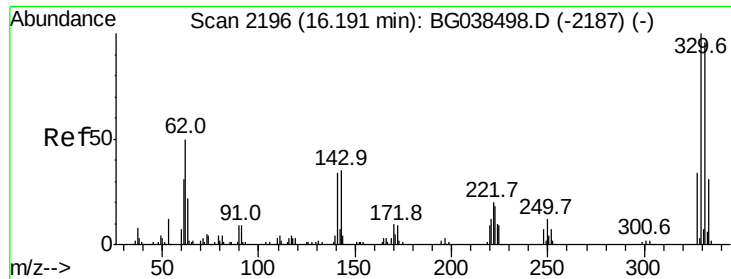
Tot Ion: 82 Resp: 140739
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.6 52.0
 54 57.6 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG039000.D
 Acq: 8 Jan 2019 19:12

Tgt Ion:164 Resp: 63753
 Ion Ratio Lower Upper
 164 100
 162 111.2 86.6 130.0
 160 44.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 161.772 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG039000.D

Acq: 8 Jan 2019 19:12

Instrument :

BNA_G

ClientSampleId :

PB116241BL

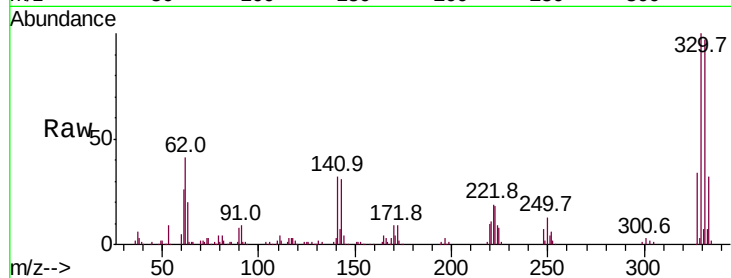
Tot Ion:330 Resp: 142138

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

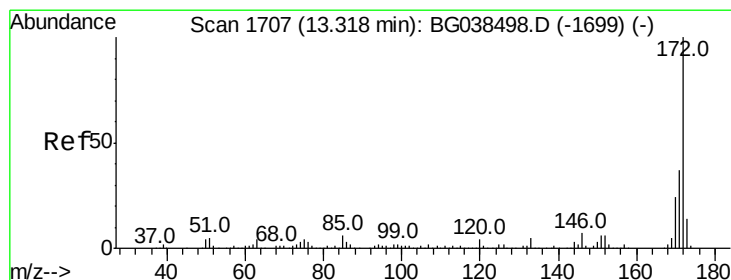
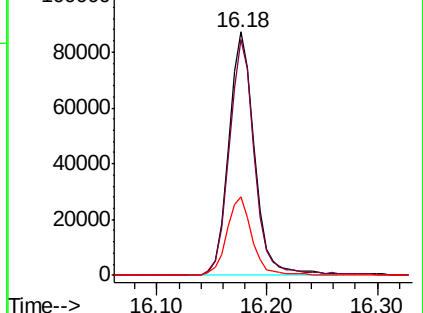
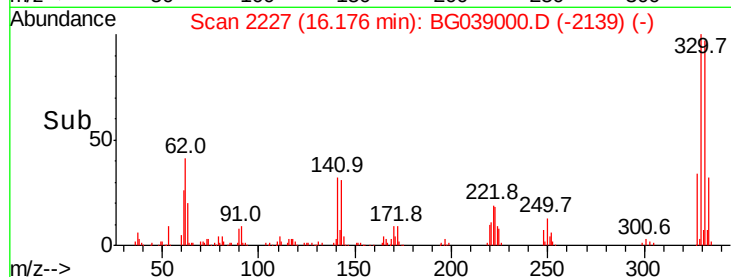
141 31.6 28.8 43.2



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: 89.434 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG039000.D

Acq: 8 Jan 2019 19:12

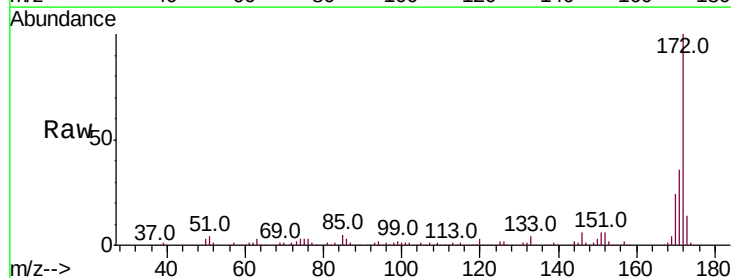
Tgt Ion:172 Resp: 415621

Ion Ratio Lower Upper

172 100

171 36.0 29.8 44.6

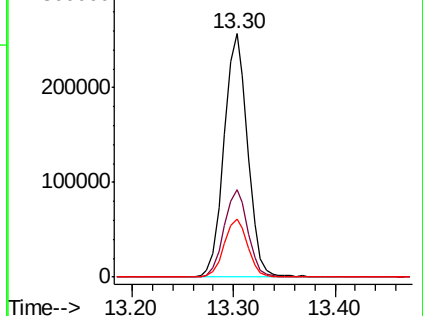
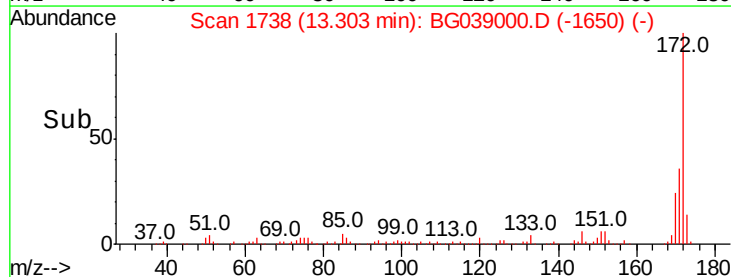
170 23.6 19.5 29.3

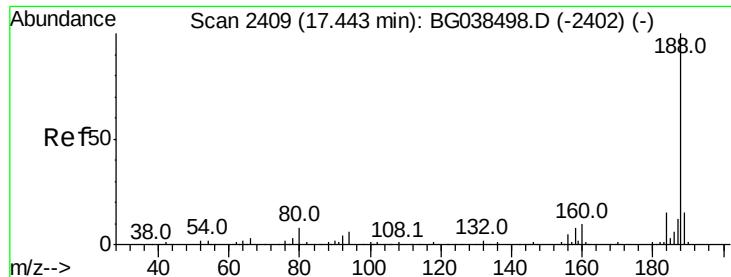


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

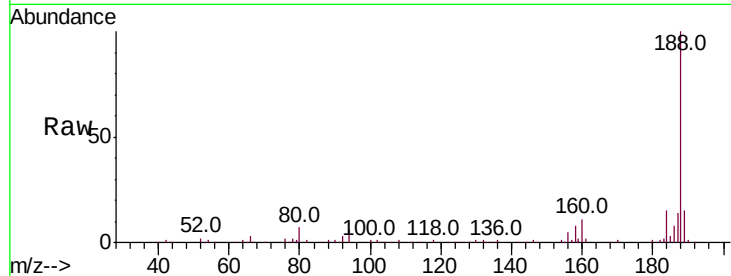




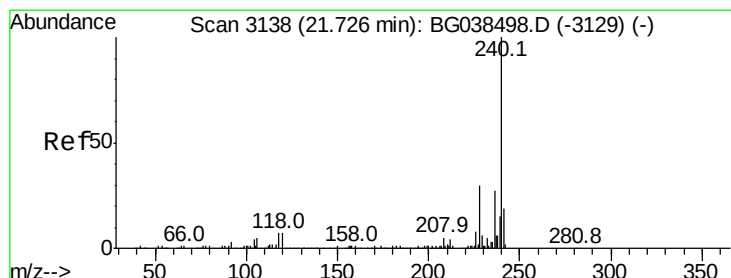
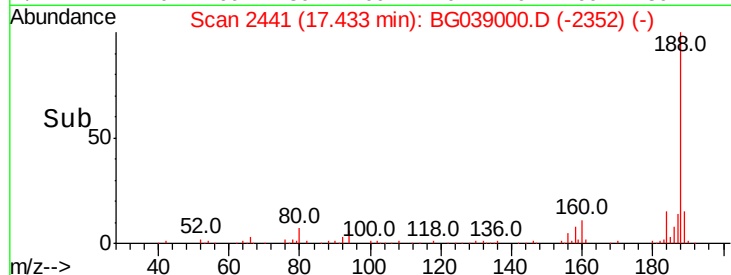
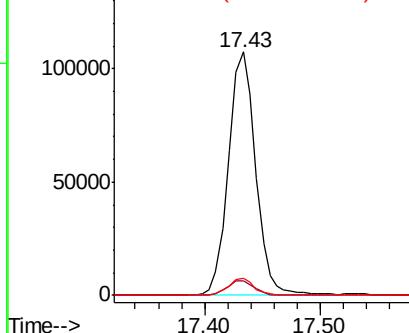
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG039000.D
 Acq: 8 Jan 2019 19:12

Instrument :
 BNA_G
 ClientSampleId :
 PB116241BL

Tot Ion:188 Resp: 176084
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.1 7.7
 80 7.1 6.1 9.1

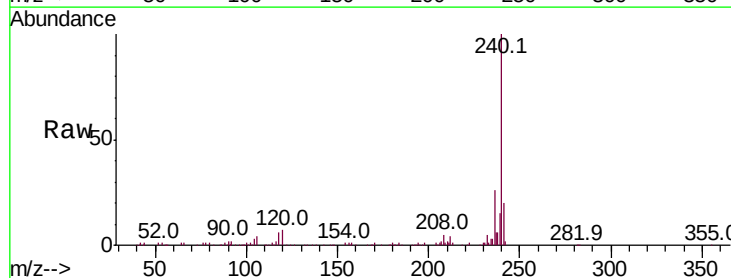


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

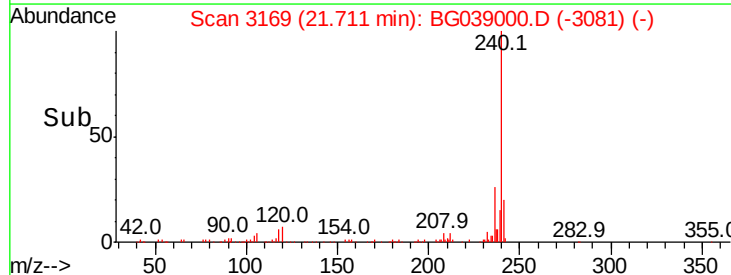
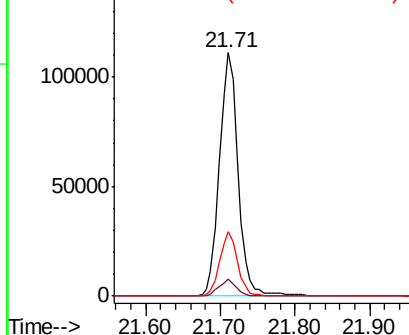


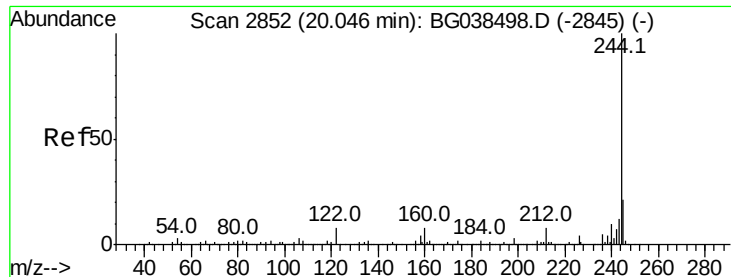
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG039000.D
 Acq: 8 Jan 2019 19:12

Tgt Ion:240 Resp: 193717
 Ion Ratio Lower Upper
 240 100
 120 7.1 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: 97.804 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG039000.D

Acq: 8 Jan 2019 19:12

Instrument :

BNA_G

ClientSampleId :

PB116241BL

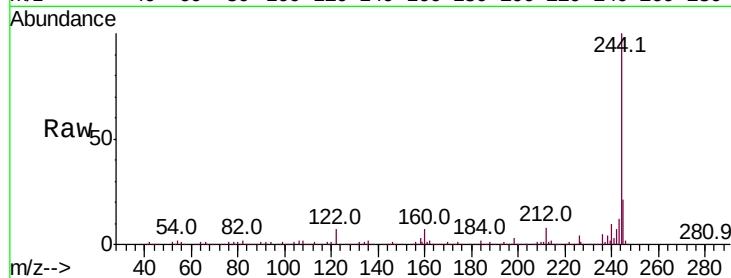
Tot Ion:244 Resp: 870563

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

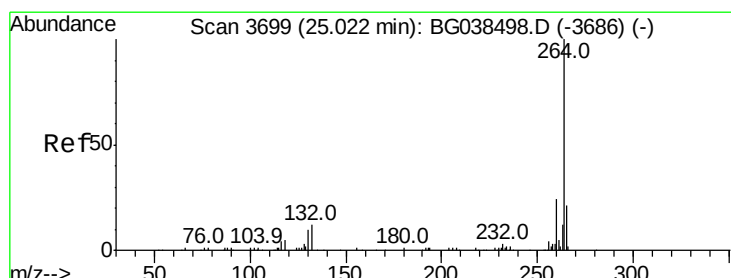
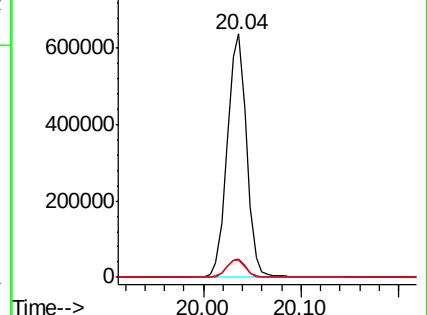
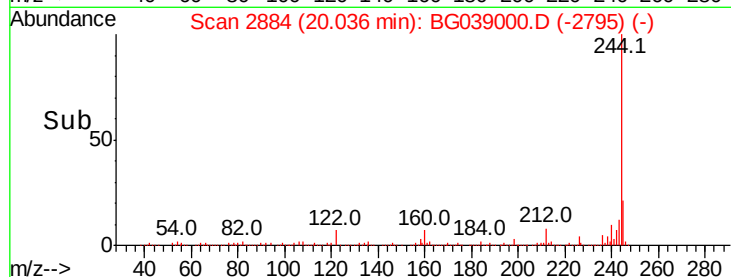
122 6.9 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG039000.D

Acq: 8 Jan 2019 19:12

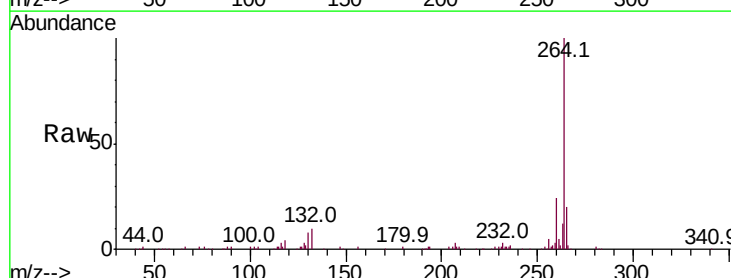
Tgt Ion:264 Resp: 197875

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 20.2 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

