

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
 Data File : BG039798.D
 Acq On : 6 Mar 2019 22:04
 Operator : JU/SJ
 Sample : PB117669BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BL

Quant Time: Mar 07 01:08:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41874	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	187062	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	133392	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	342185	20.00	ng	0.00
76) Chrysene-d12	21.81	240	353908	20.00	ng	-0.02
87) Perylene-d12	25.18	264	355324	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	308948	125.87	ng	0.00
7) Phenol-d6	7.30	99	453447	123.90	ng	0.00
23) Nitrobenzene-d5	9.33	82	254853	73.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	173593	111.65	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	674042	71.95	ng	0.00
79) Terphenyl-d14	20.11	244	1158554	72.08	ng	0.00

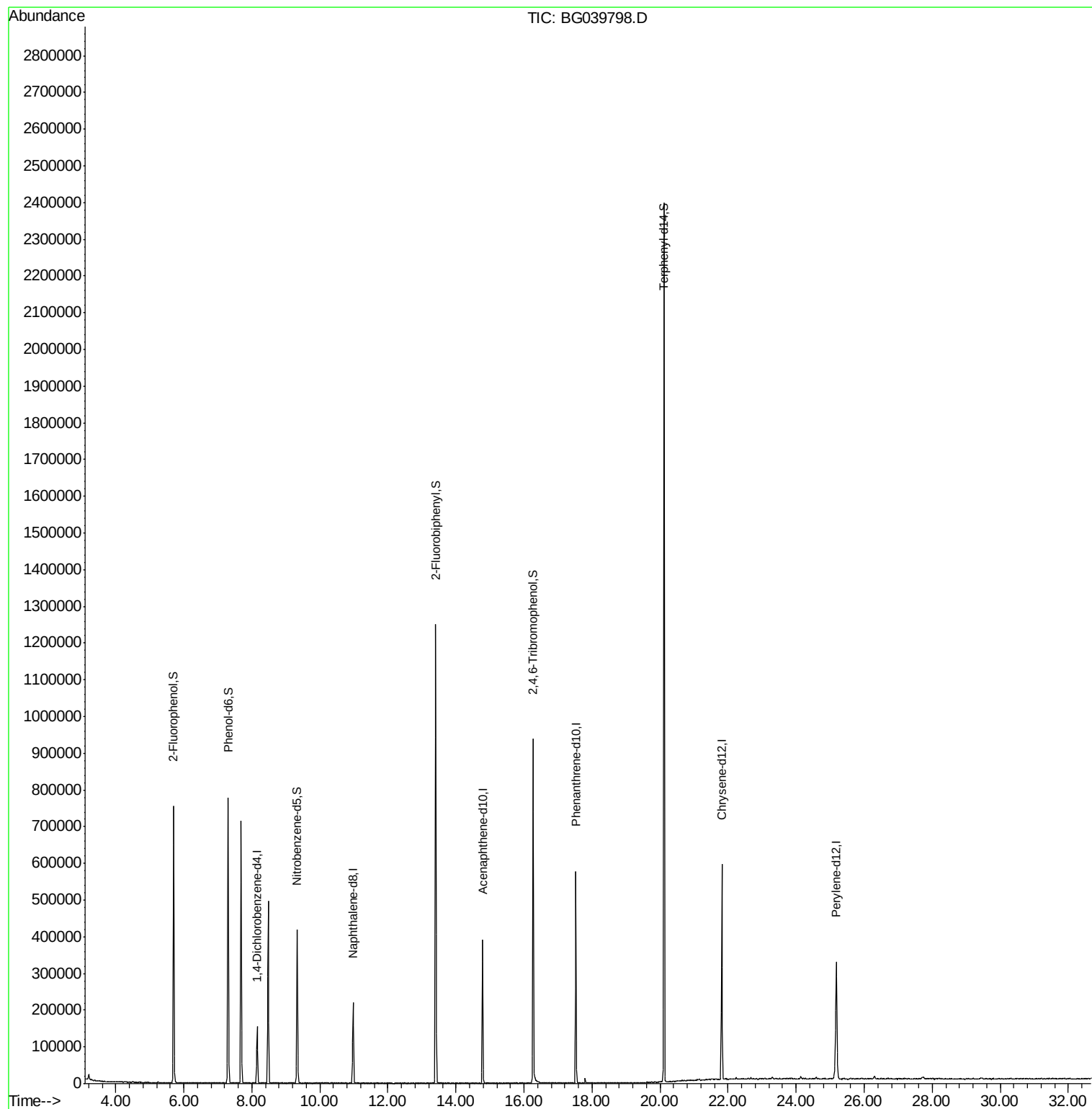
Target Compounds Qvalue

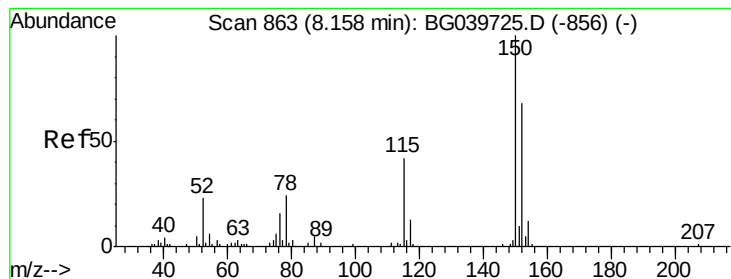
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.02 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

Instrument :

BNA_G

ClientSampleId :

PB117669BL

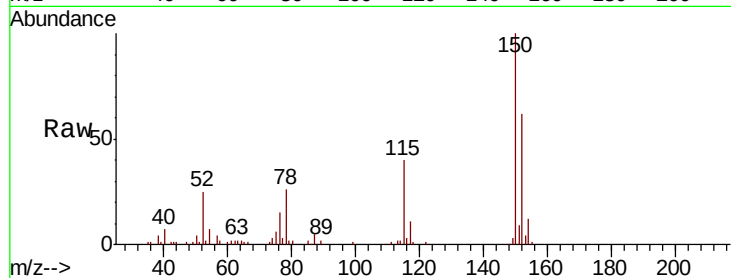
Tot Ion:152 Resp: 41874

Ion Ratio Lower Upper

152 100

150 161.3 123.7 185.5

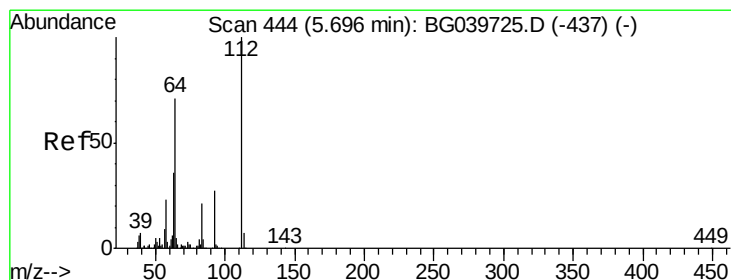
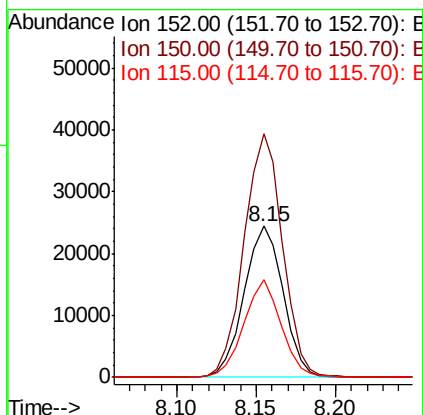
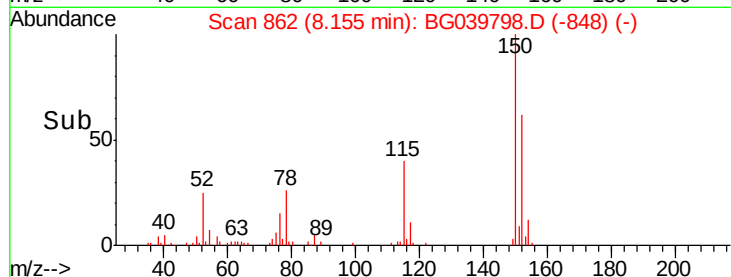
115 64.6 45.9 68.9



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: 125.870 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

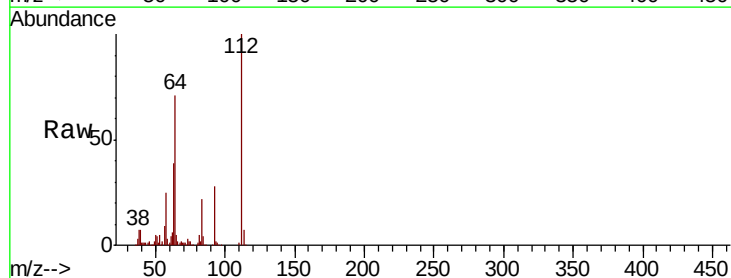
Tgt Ion:112 Resp: 308948

Ion Ratio Lower Upper

112 100

64 70.8 57.8 86.8

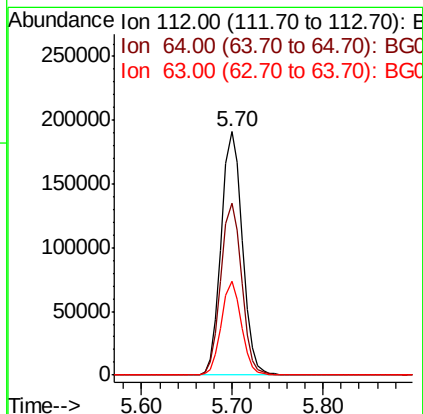
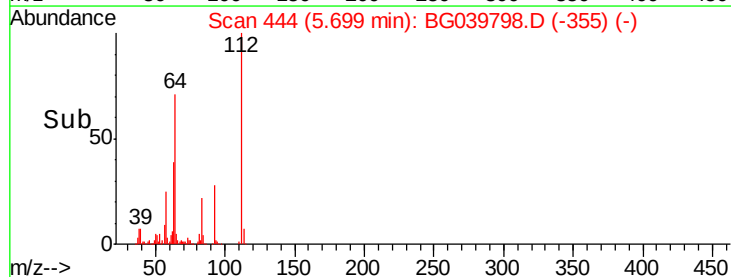
63 38.6 29.8 44.6

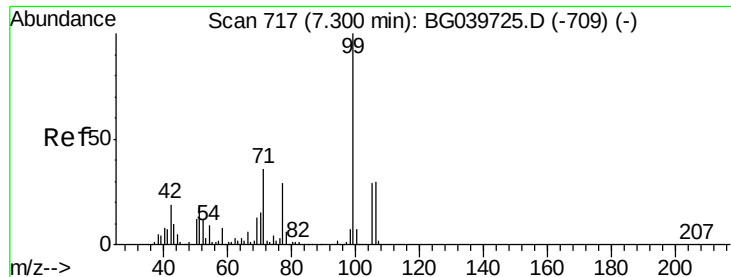


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.899 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

Instrument :

BNA_G

ClientSampleId :

PB117669BL

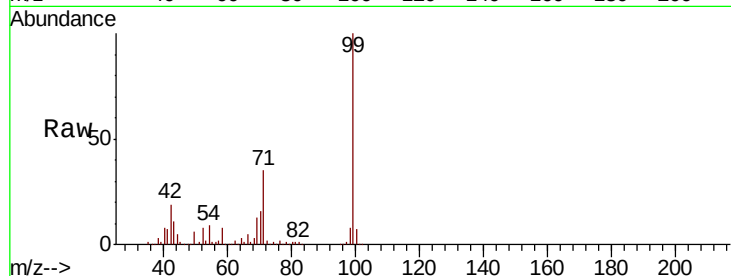
Tot Ion: 99 Resp: 453447

Ion Ratio Lower Upper

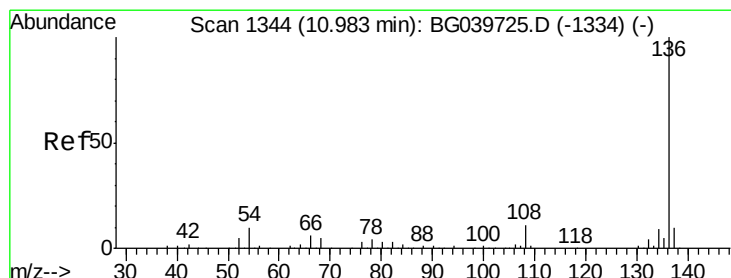
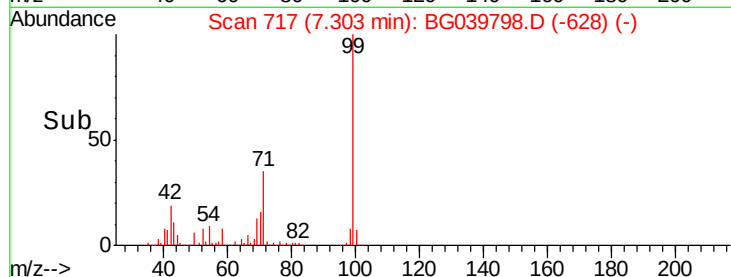
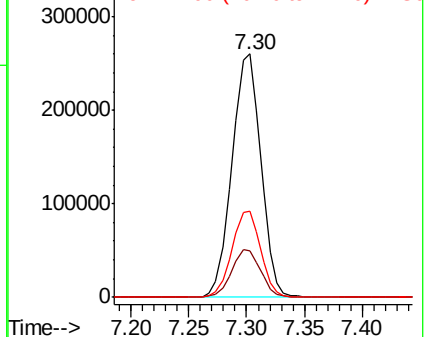
99 100

42 19.3 18.2 27.2

71 35.4 28.0 42.0



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: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

Tgt Ion: 136 Resp: 187062

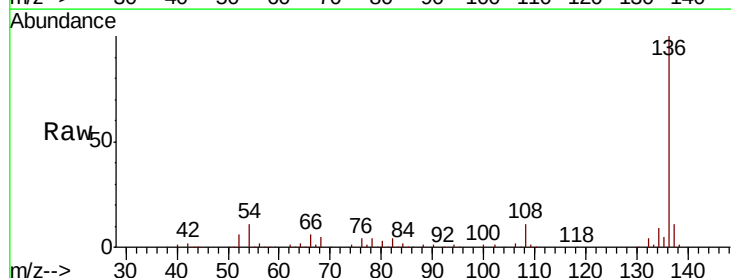
Ion Ratio Lower Upper

136 100

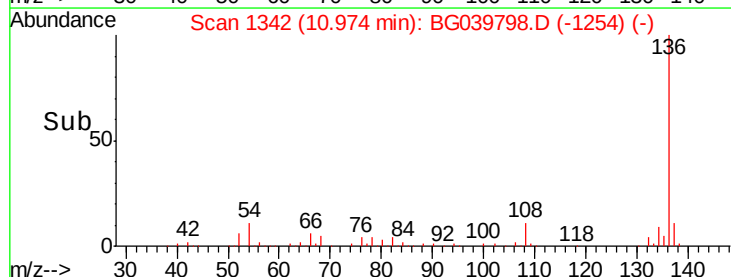
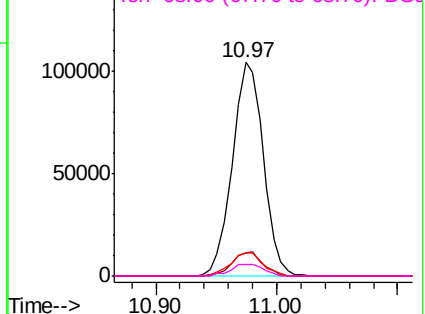
137 10.8 9.1 13.7

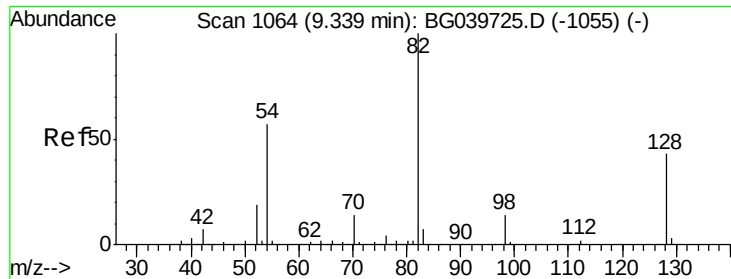
54 10.8 9.4 14.2

68 5.1 4.2 6.4



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

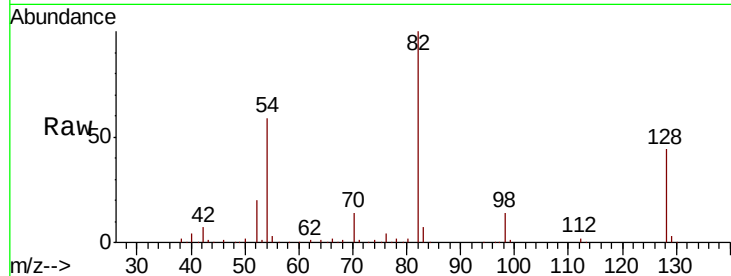




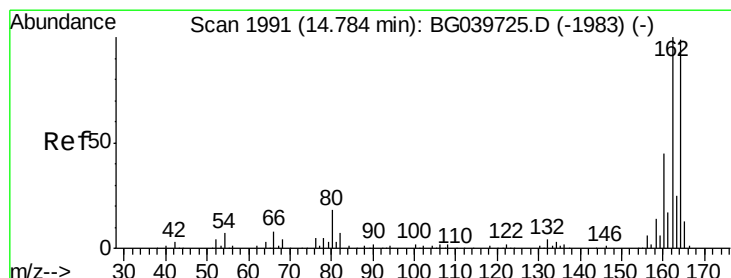
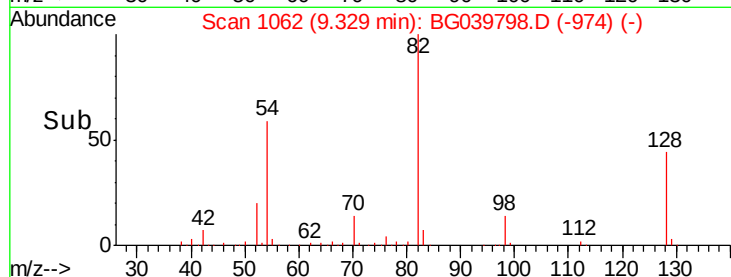
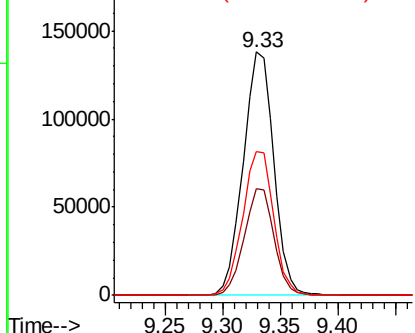
#23
 Nitrobenzene-d5
 Concen: 73.684 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039798.D
 Acq: 6 Mar 2019 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117669BL

Tot Ion: 82 Resp: 254853
 Ion Ratio Lower Upper
 82 100
 128 43.9 31.3 46.9
 54 59.3 50.9 76.3

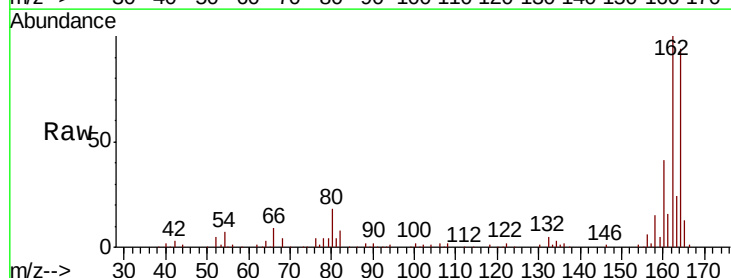


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

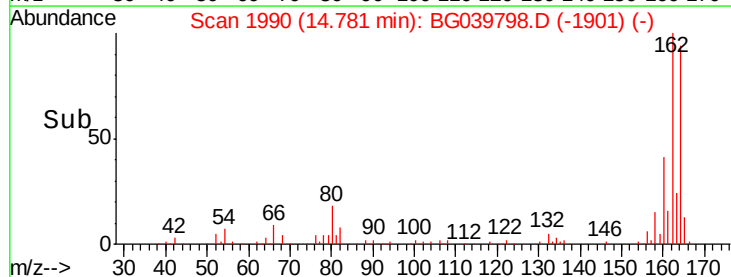
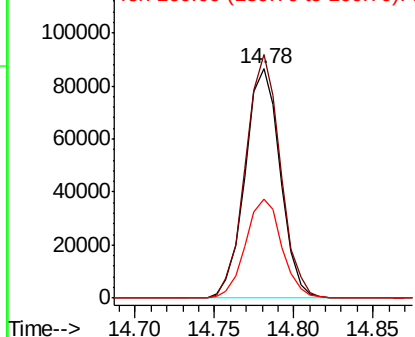


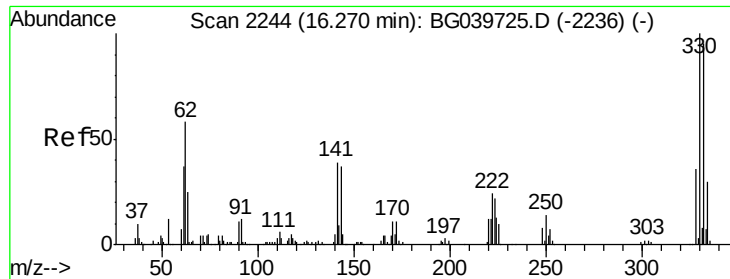
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039798.D
 Acq: 6 Mar 2019 22:04

Tgt Ion: 164 Resp: 133392
 Ion Ratio Lower Upper
 164 100
 162 106.1 81.6 122.4
 160 43.2 34.2 51.2



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





#42

2,4,6-Tribromophenol

Concen: 111.651 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

Instrument :

BNA_G

ClientSampleId :

PB117669BL

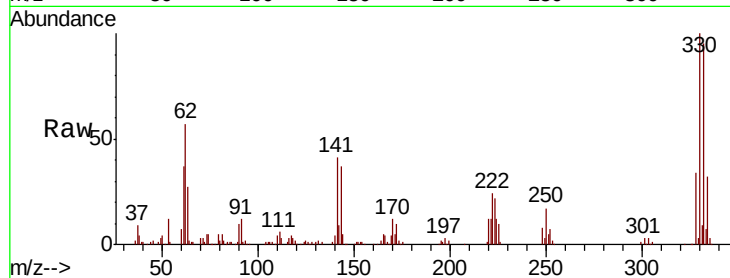
Tot Ion:330 Resp: 173593

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

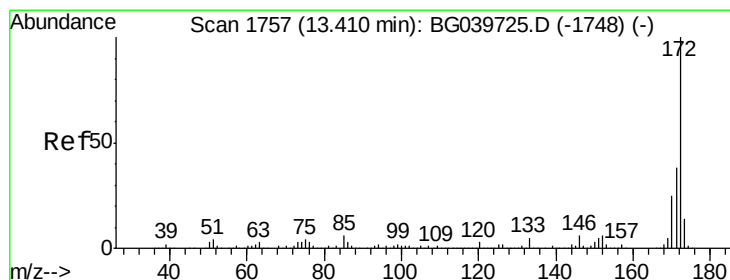
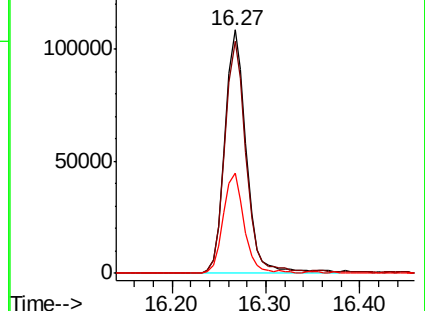
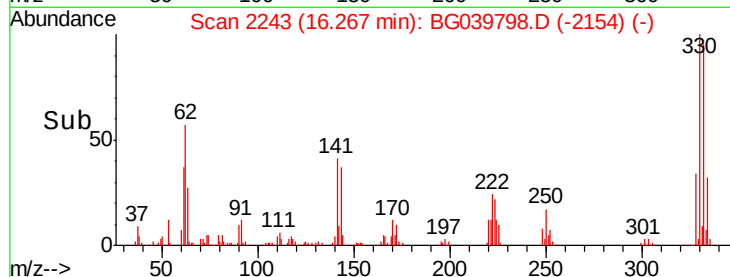
141 40.3 35.6 53.4



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: 71.947 ng

RT: 13.41 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

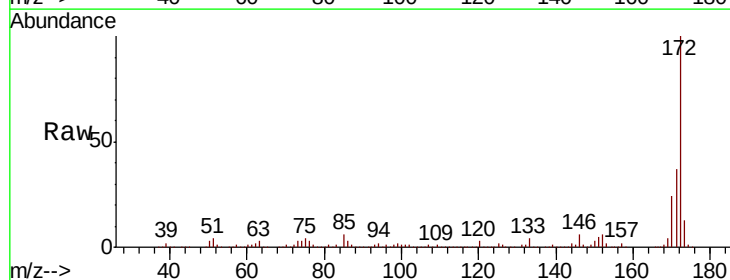
Tgt Ion:172 Resp: 674042

Ion Ratio Lower Upper

172 100

171 37.2 30.8 46.2

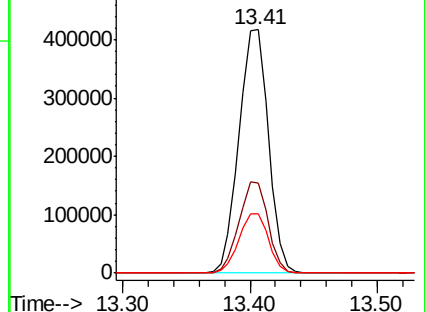
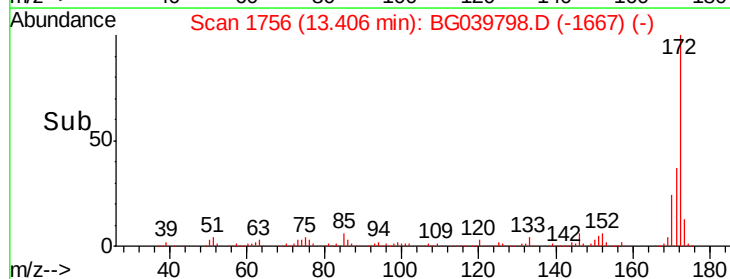
170 24.2 20.2 30.4

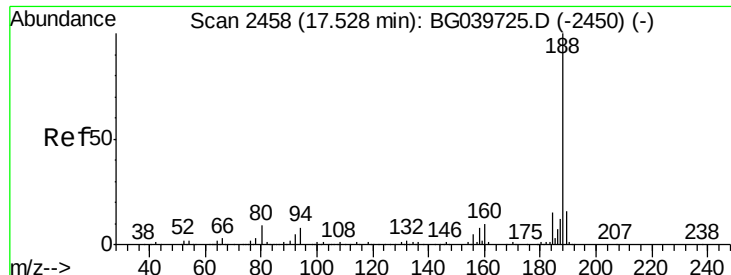


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

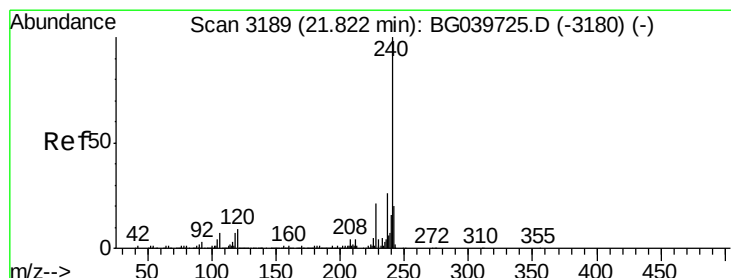
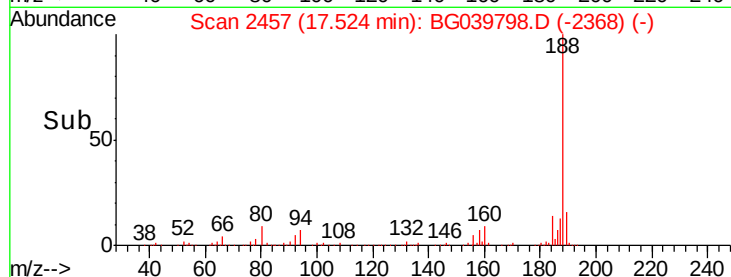
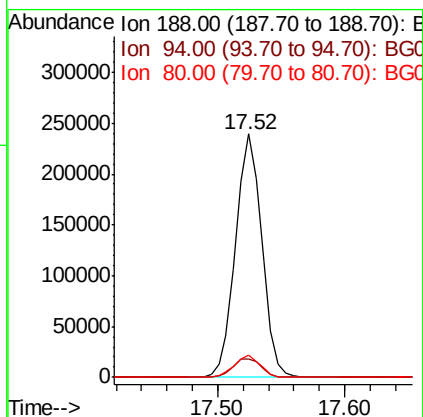
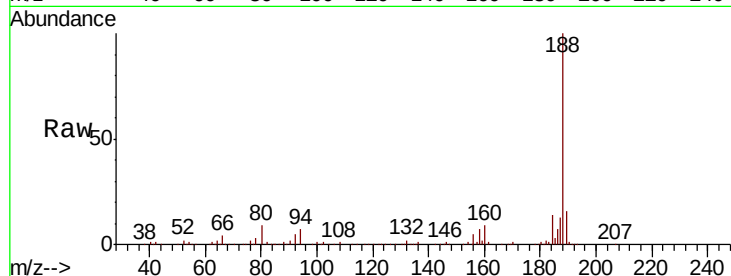




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039798.D
Acq: 6 Mar 2019 22:04

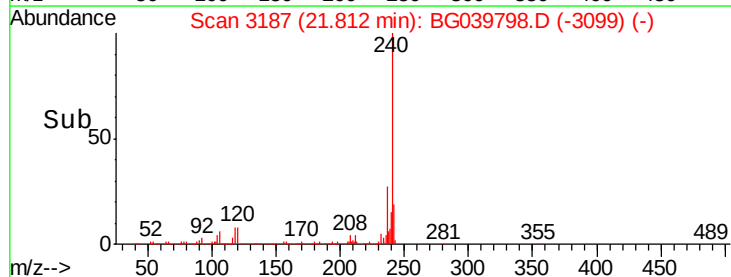
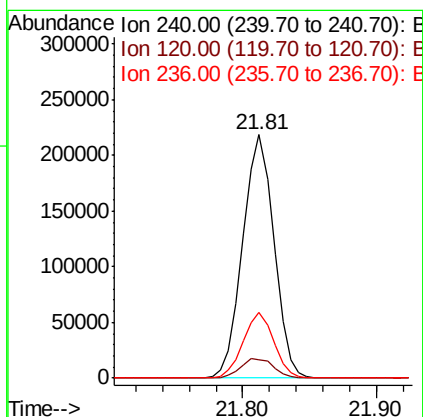
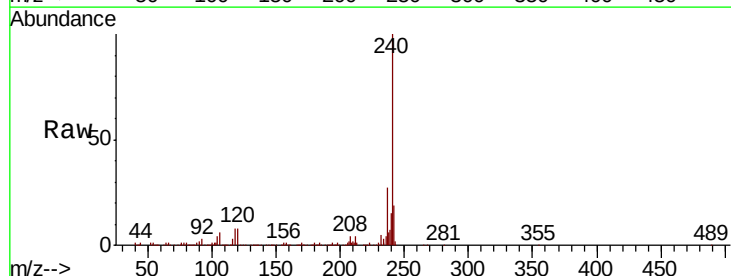
Instrument :
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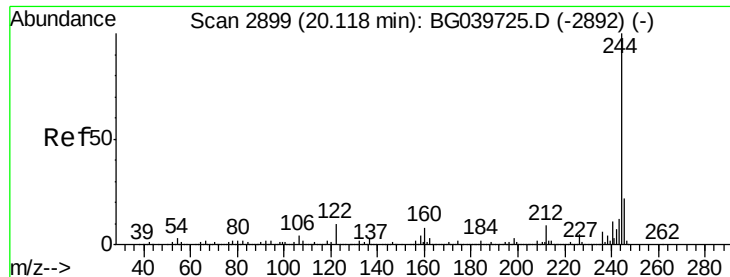
Tot Ion:188 Resp: 342185
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 9.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039798.D
Acq: 6 Mar 2019 22:04

Tgt Ion:240 Resp: 353908
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.6
236 26.9 21.0 31.4





#79

Terphenyl-d14

Concen: 72.078 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

Instrument :

BNA_G

ClientSampleID :

PB117669BL

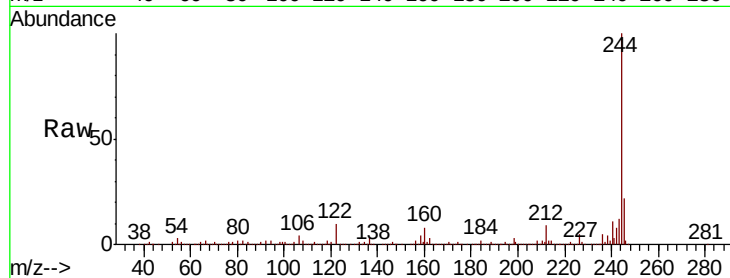
Tot Ion:244 Resp: 1158554

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

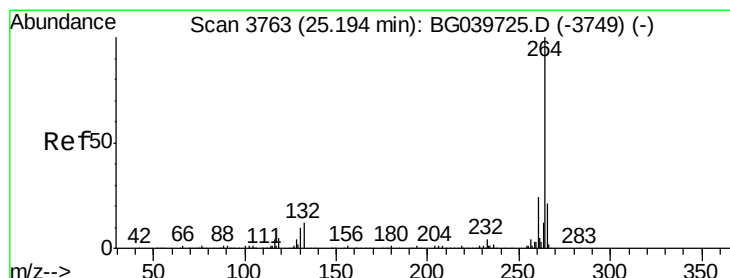
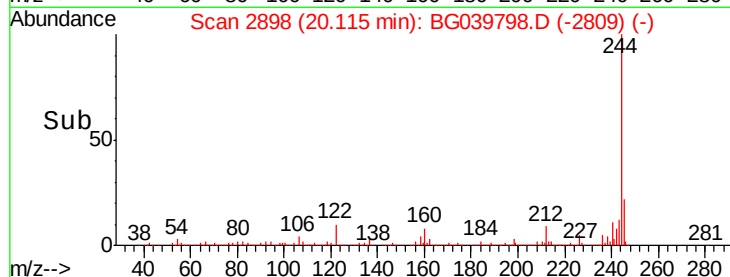
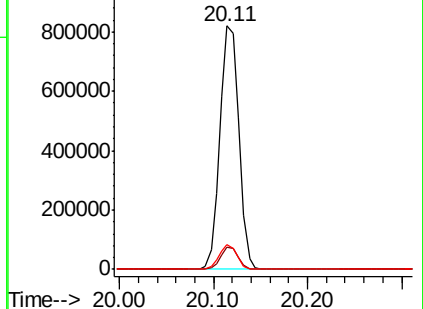
122 10.0 8.4 12.6



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: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039798.D

Acq: 6 Mar 2019 22:04

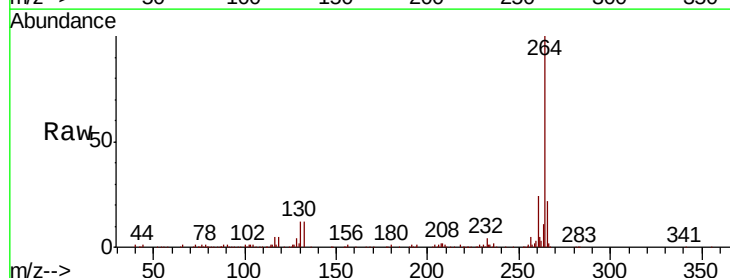
Tgt Ion:264 Resp: 355324

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 22.1 18.5 27.7



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

