

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
 Data File : BG039831.D
 Acq On : 8 Mar 2019 21:31
 Operator : JU/SJ
 Sample : K1783-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-2

Quant Time: Mar 09 00:39:31 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	8.16	152	43153	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	190422	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	138534	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	340390	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	347008	20.00	ng	-0.02
87) Perylene-d12	25.18	264	345760	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	169578	67.04	ng	-0.01
7) Phenol-d6	7.29	99	153426	40.68	ng	-0.02
23) Nitrobenzene-d5	9.33	82	351753	99.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	236516	146.48	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	887371	91.20	ng	-0.01
79) Terphenyl-d14	20.12	244	1409581	89.44	ng	0.00

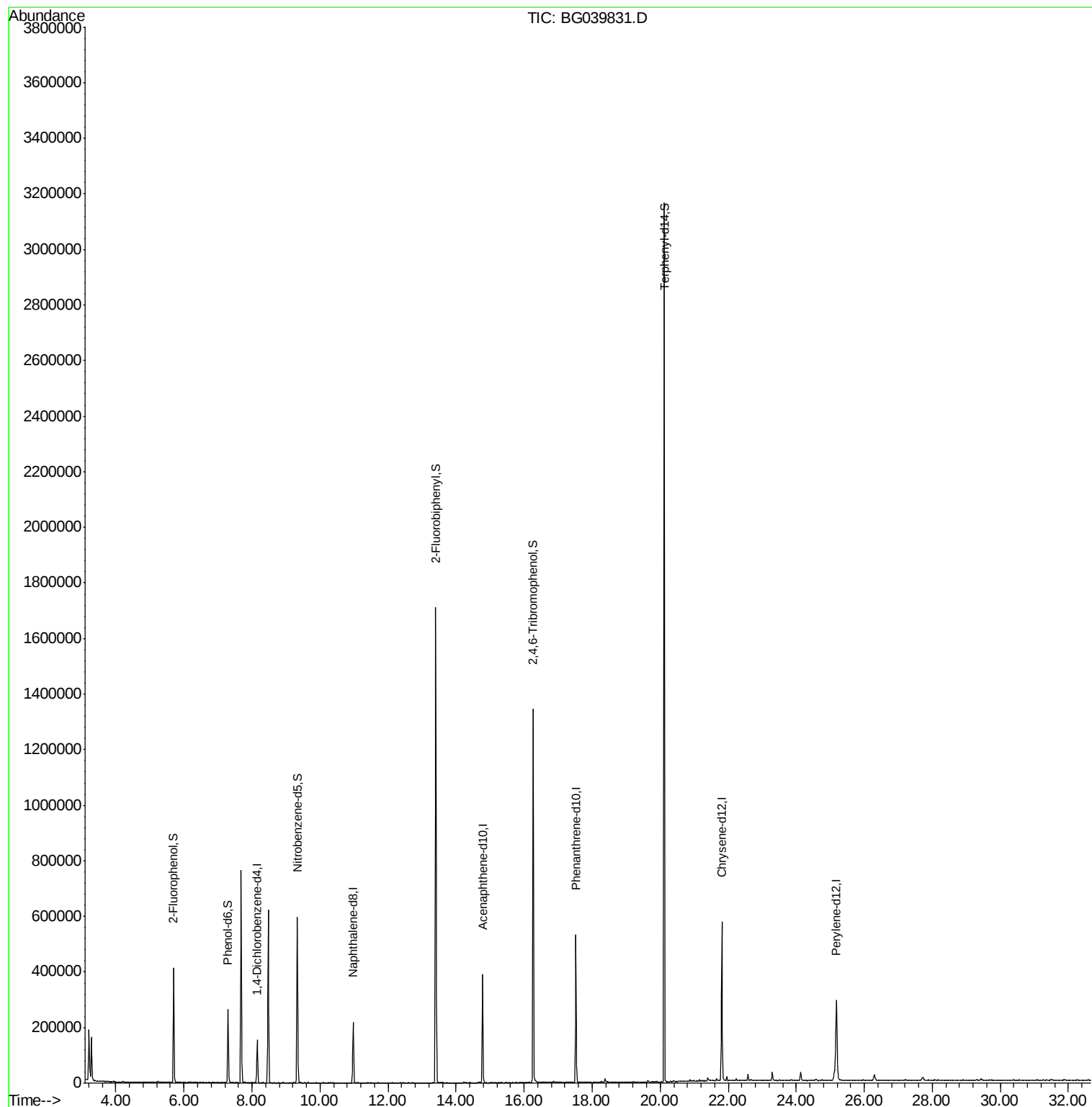
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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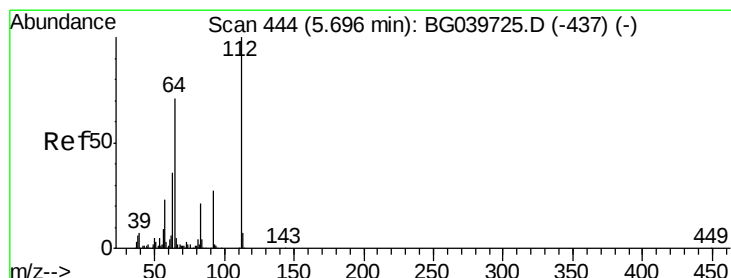
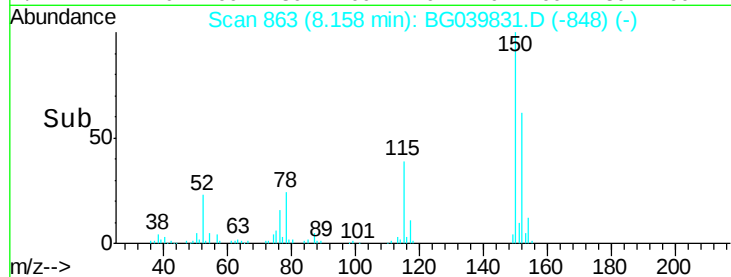
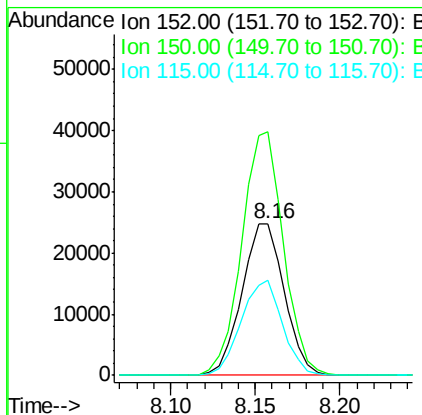
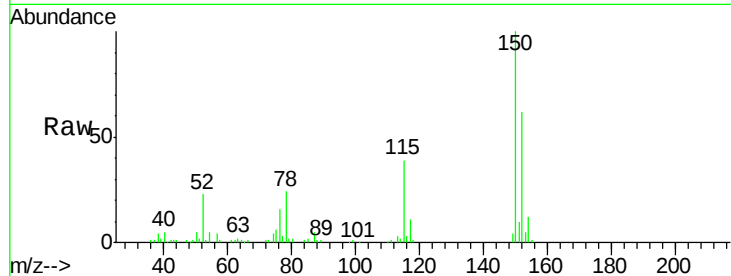


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Instrument :
BNA_G
ClientSampled :
SW-2

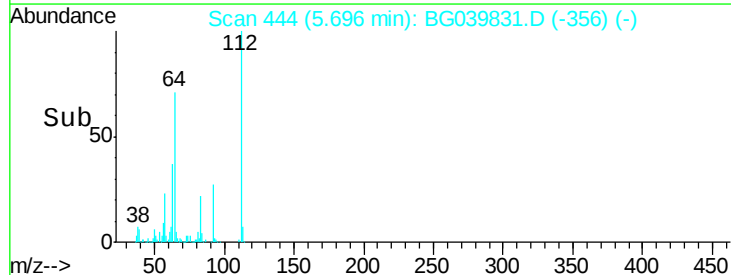
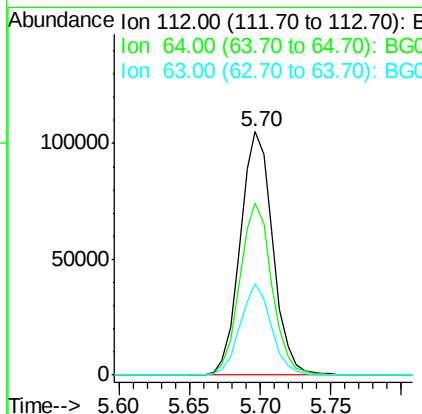
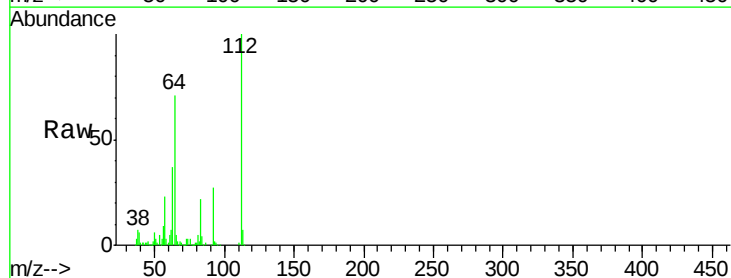
Tgt Ion:152 Resp: 43153
Ion Ratio Lower Upper
152 100
150 160.4 123.7 185.5
115 62.4 45.9 68.9

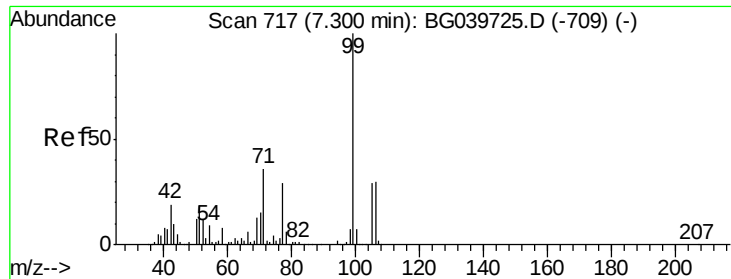


#5

2-Fluorophenol
Concen: 67.041 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039831.D
Acq: 8 Mar 2019 21:31

Tgt Ion:112 Resp: 169578
Ion Ratio Lower Upper
112 100
64 70.9 57.8 86.8
63 37.4 29.8 44.6





#7

Phenol-d6

Concen: 40.679 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampleId :

SW-2

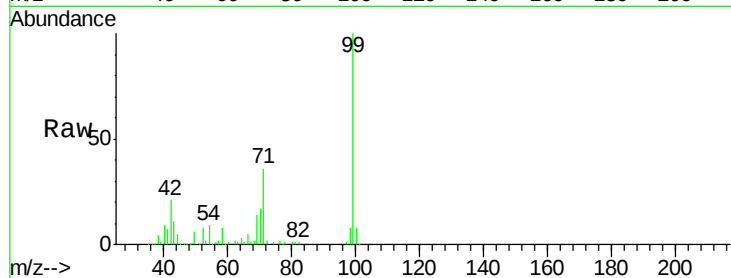
Tgt Ion: 99 Resp: 153426

Ion Ratio Lower Upper

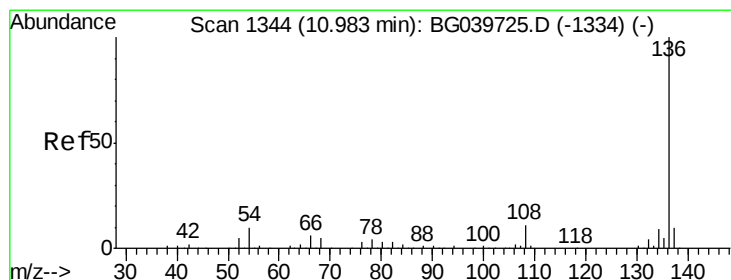
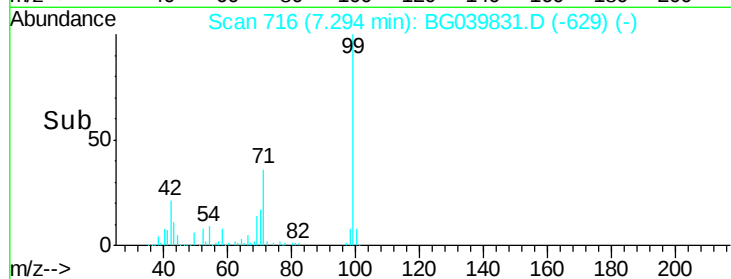
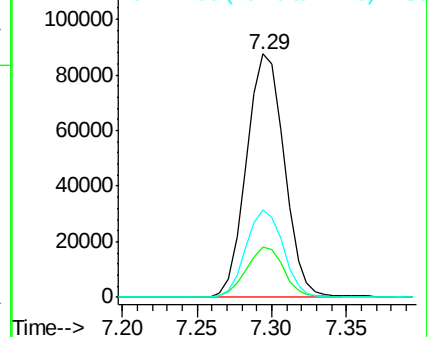
99 100

42 20.9 18.2 27.2

71 36.1 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: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Tgt Ion: 136 Resp: 190422

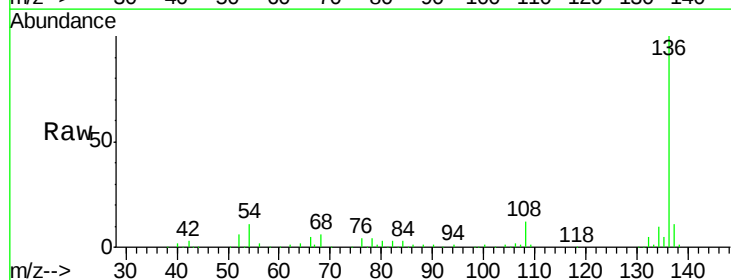
Ion Ratio Lower Upper

136 100

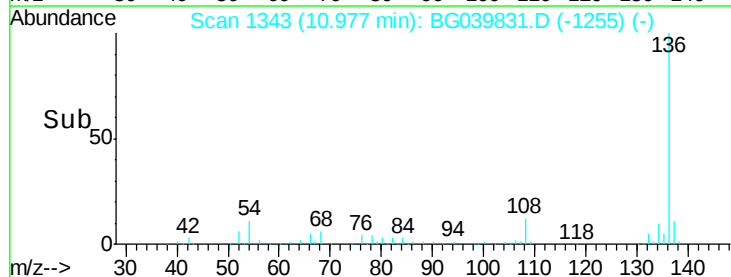
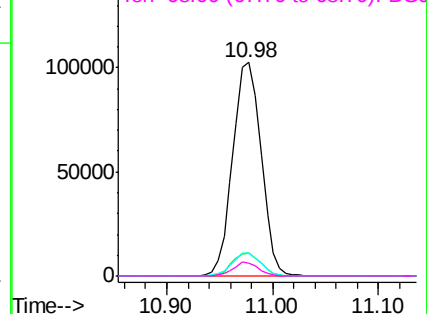
137 11.1 9.1 13.7

54 11.0 9.4 14.2

68 6.2 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

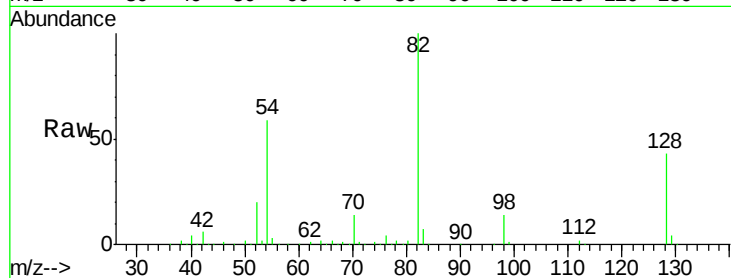




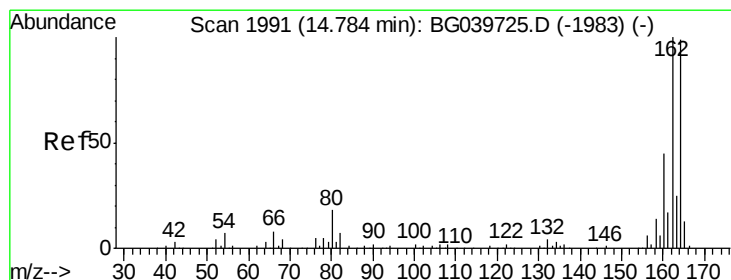
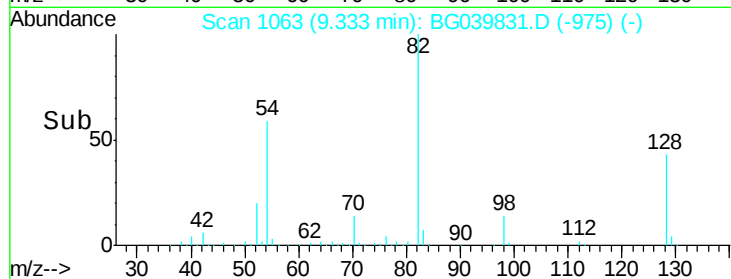
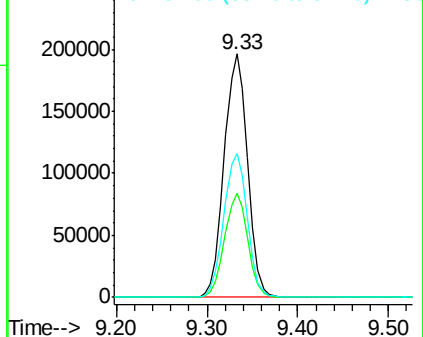
#23
 Nitrobenzene-d5
 Concen: 99.906 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

Instrument :
 BNA_G
 ClientSampled :
 SW-2

Tgt Ion: 82 Resp: 351753
 Ion Ratio Lower Upper
 82 100
 128 42.7 31.3 46.9
 54 59.1 50.9 76.3

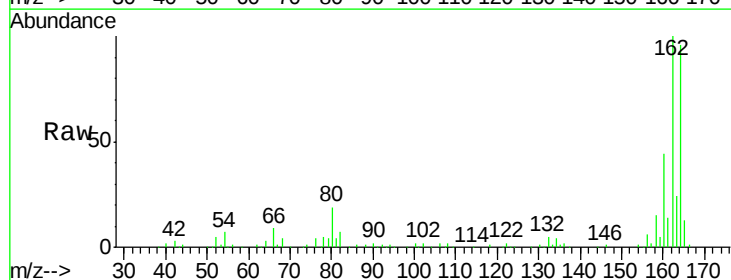


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

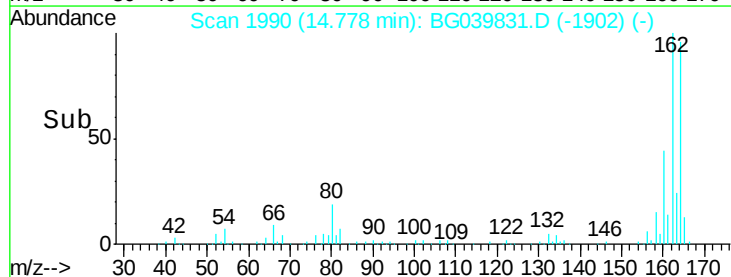
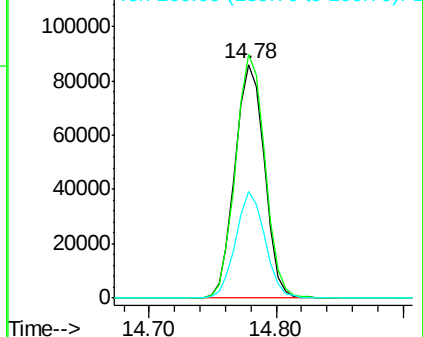


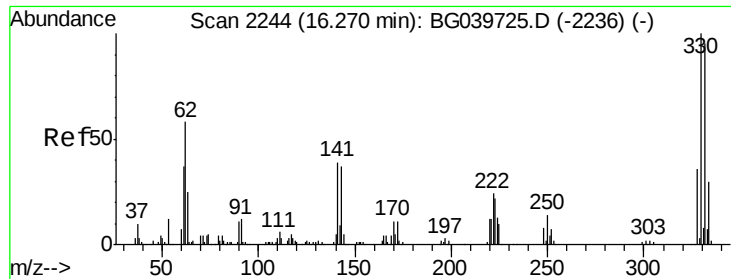
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039831.D
 Acq: 8 Mar 2019 21:31

Tgt Ion: 164 Resp: 138534
 Ion Ratio Lower Upper
 164 100
 162 104.1 81.6 122.4
 160 45.7 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: 146.475 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampleId :

SW-2

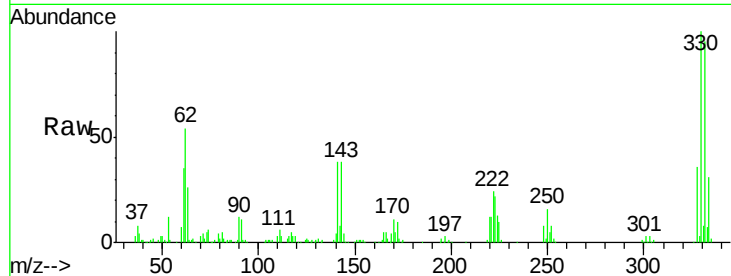
Tgt Ion:330 Resp: 236516

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

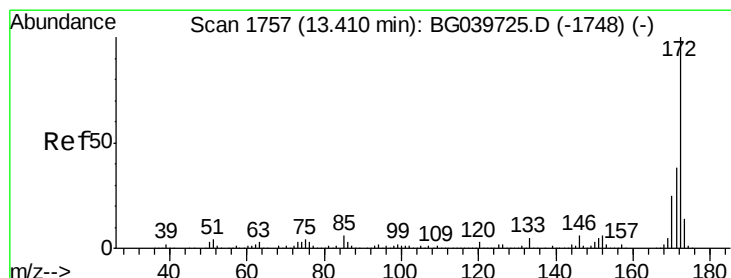
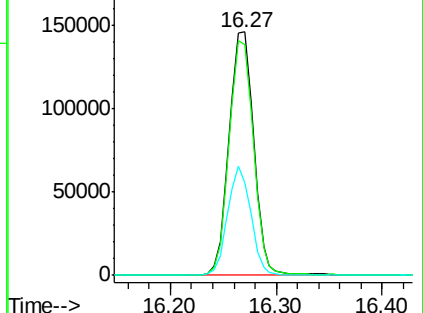
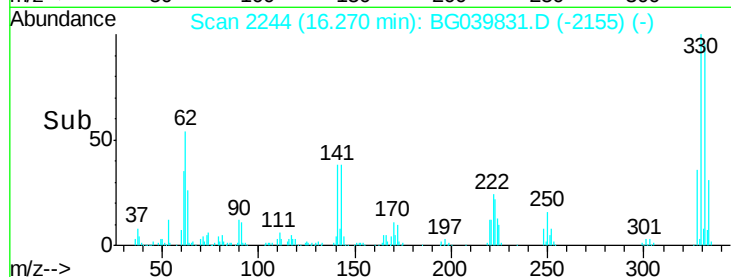
141 42.3 35.6 53.4



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: 91.203 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

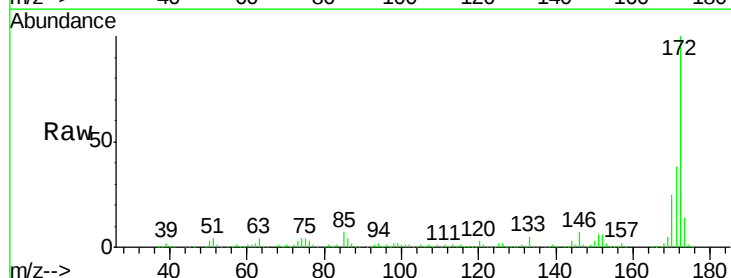
Tgt Ion:172 Resp: 887371

Ion Ratio Lower Upper

172 100

171 37.7 30.8 46.2

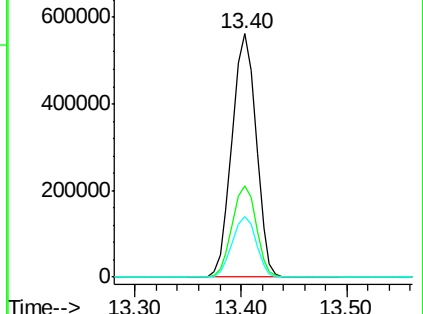
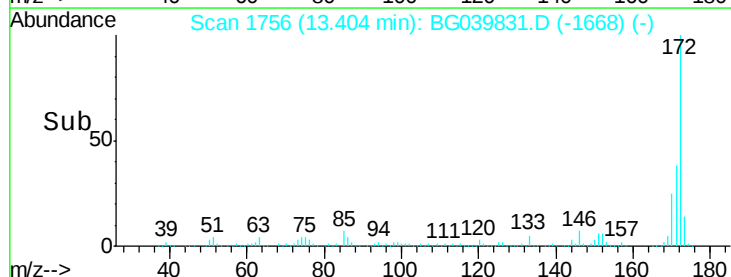
170 25.0 20.2 30.4



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: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampleId :

SW-2

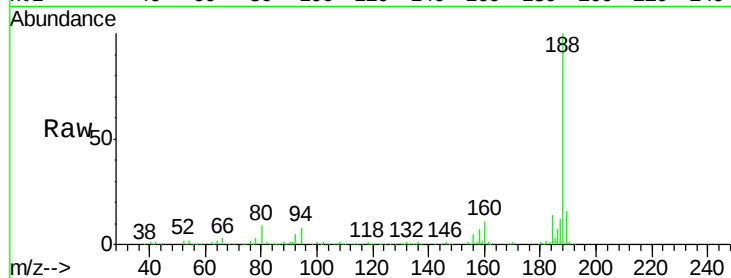
Tgt Ion:188 Resp: 340390

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

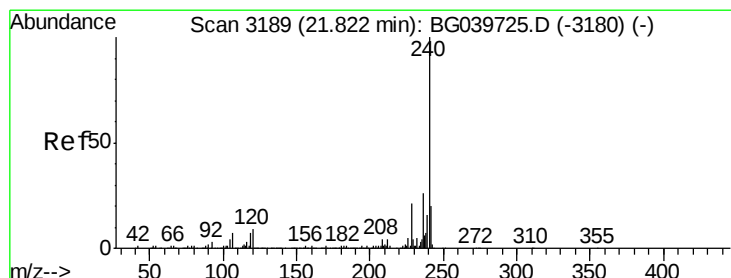
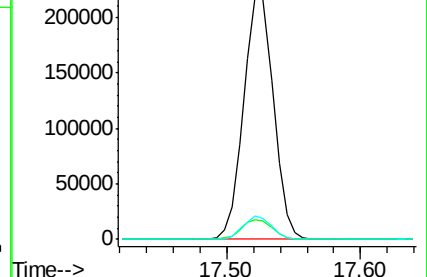
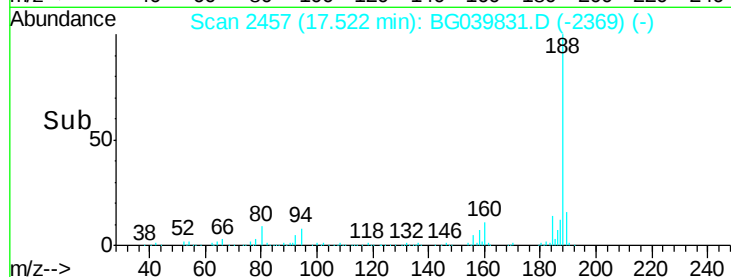
80 9.5 8.1 12.1



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: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

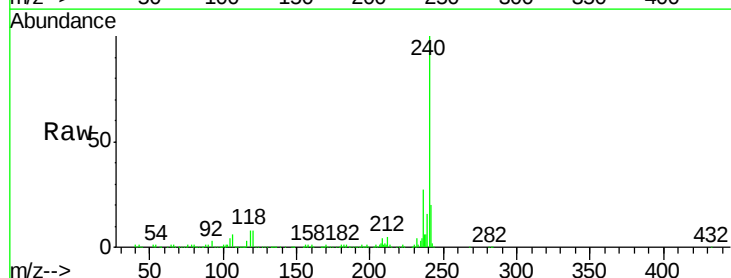
Tgt Ion:240 Resp: 347008

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

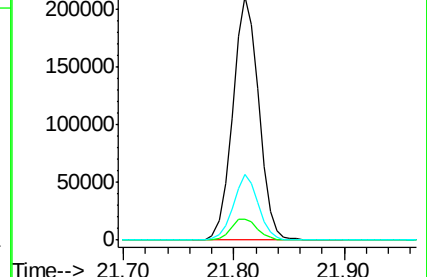
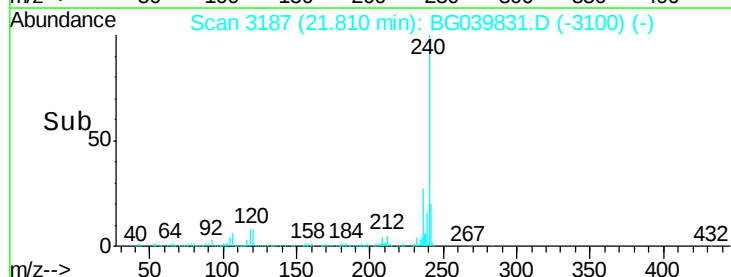
236 27.1 21.0 31.4

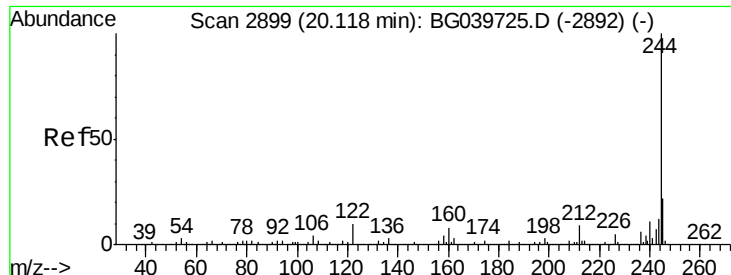


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.440 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039831.D

Acq: 8 Mar 2019 21:31

Instrument :

BNA_G

ClientSampleId :

SW-2

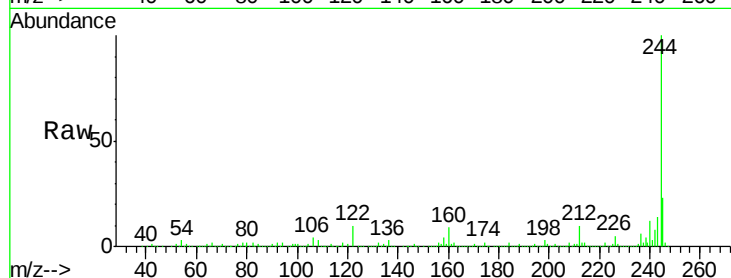
Tgt Ion:244 Resp: 1409581

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

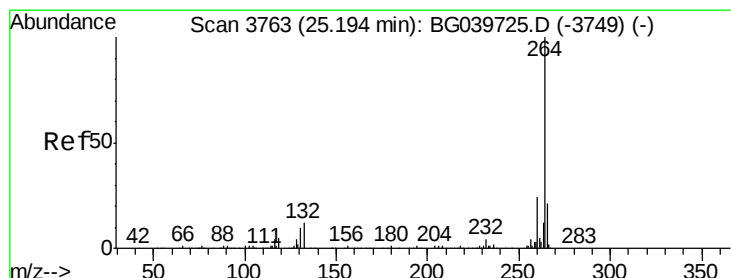
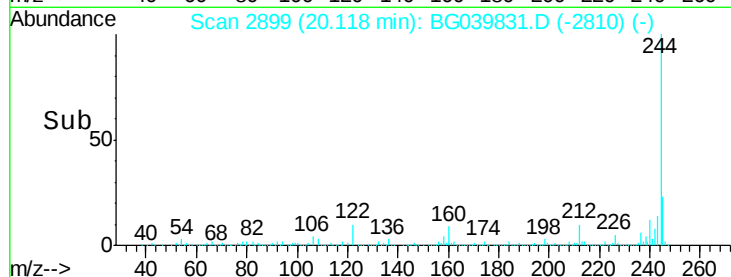
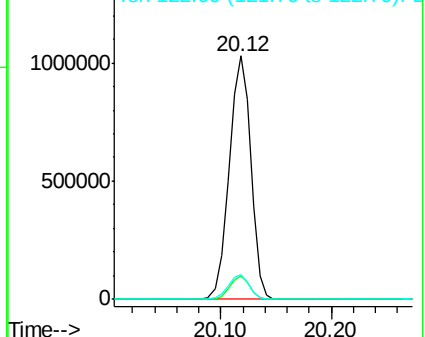
122 10.3 8.4 12.6



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: BG039831.D

Acq: 8 Mar 2019 21:31

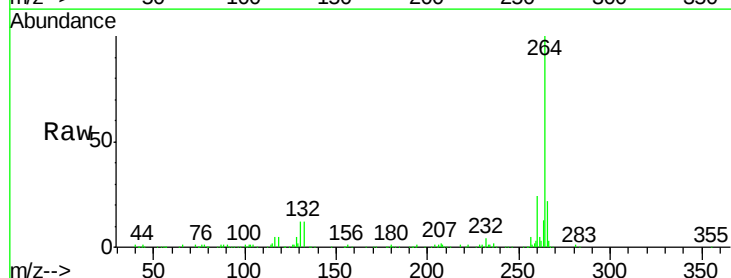
Tgt Ion:264 Resp: 345760

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 21.9 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

