

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039881.D
 Acq On : 12 Mar 2019 19:33
 Operator : JU/SJ
 Sample : K1842-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-06_030719

Quant Time: Mar 13 06:45:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43772	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	184443	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	129755	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	323091	20.00	ng	0.00
76) Chrysene-d12	21.81	240	333103	20.00	ng	0.00
87) Perylene-d12	25.18	264	332787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	166424	64.86	ng	0.00
7) Phenol-d6	7.29	99	155087	40.54	ng	0.00
23) Nitrobenzene-d5	9.33	82	326311	95.68	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	226906	150.03	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	812544	89.16	ng	0.00
79) Terphenyl-d14	20.12	244	1325634	87.62	ng	0.00

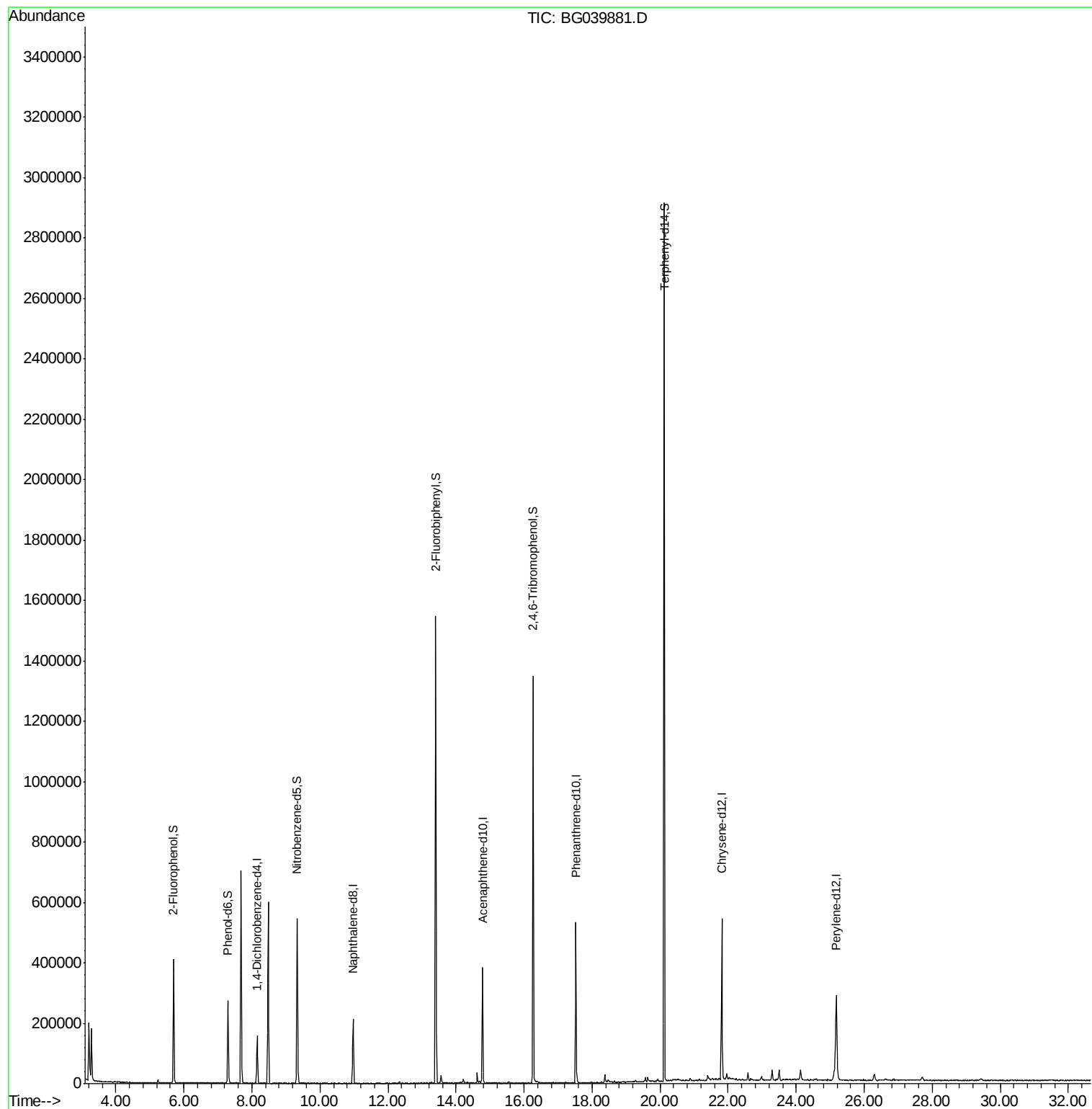
Target Compounds Qvalue

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

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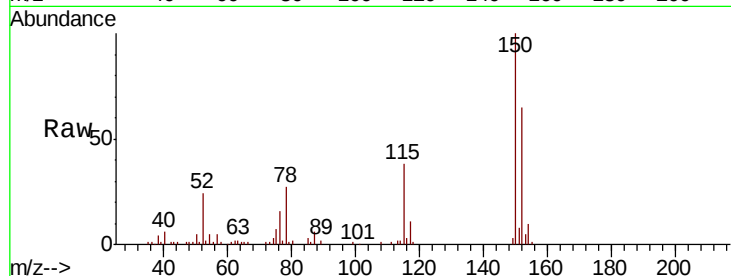


#1

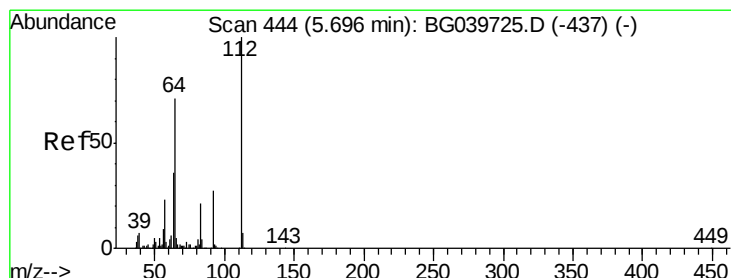
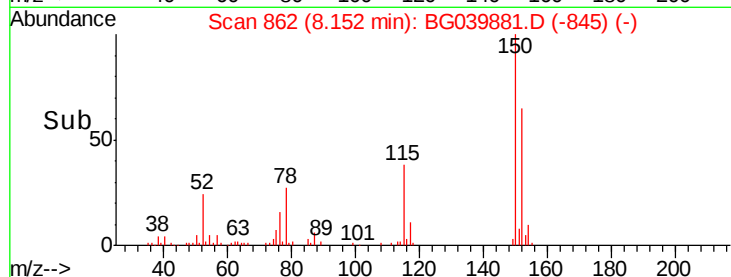
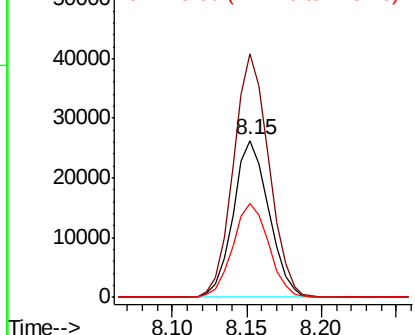
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039881.D
Acq: 12 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
C-MW-06_030719

Tot Ion:152 Resp: 43772
Ion Ratio Lower Upper
152 100
150 155.0 123.7 185.5
115 59.4 45.9 68.9



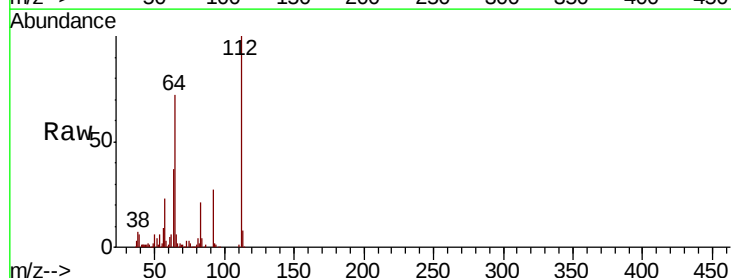
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



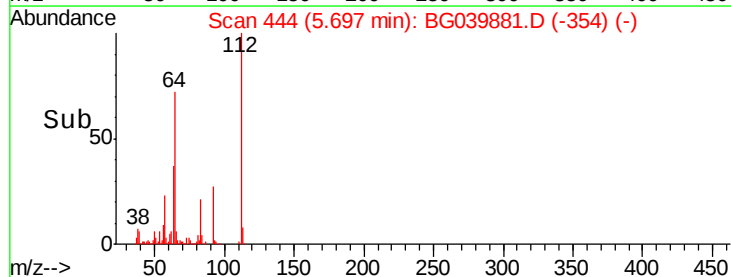
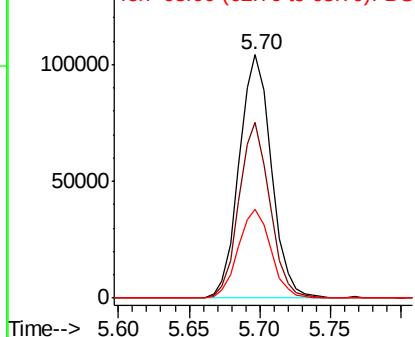
#5

2-Fluorophenol
Concen: 64.864 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.00 min
Lab File: BG039881.D
Acq: 12 Mar 2019 19:33

Tgt Ion:112 Resp: 166424
Ion Ratio Lower Upper
112 100
64 72.0 57.8 86.8
63 36.6 29.8 44.6



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: 40.538 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG039881.D

Acq: 12 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

C-MW-06_030719

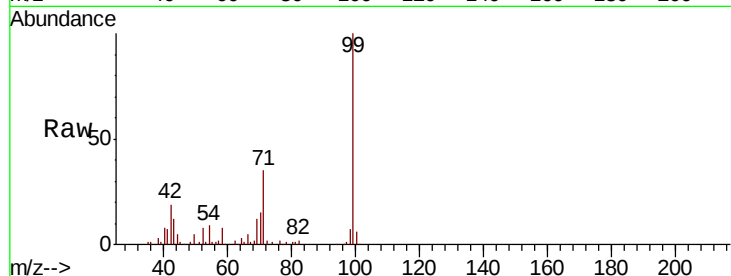
Tot Ion: 99 Resp: 155087

Ion Ratio Lower Upper

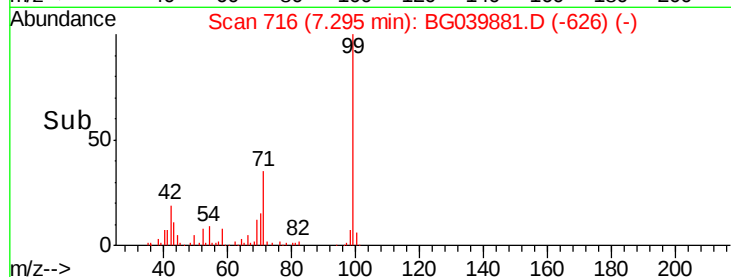
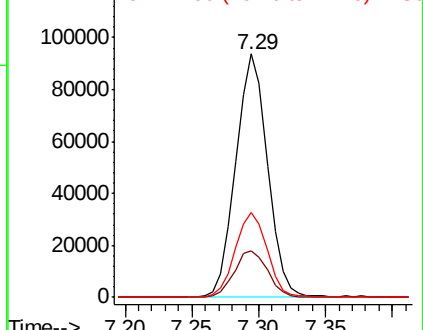
99 100

42 19.4 18.2 27.2

71 35.0 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. -0.00 min

Lab File: BG039881.D

Acq: 12 Mar 2019 19:33

Tgt Ion: 136 Resp: 184443

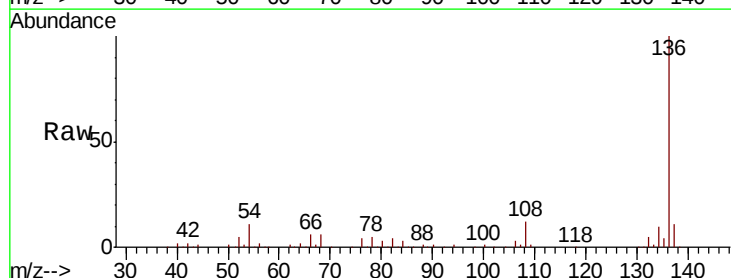
Ion Ratio Lower Upper

136 100

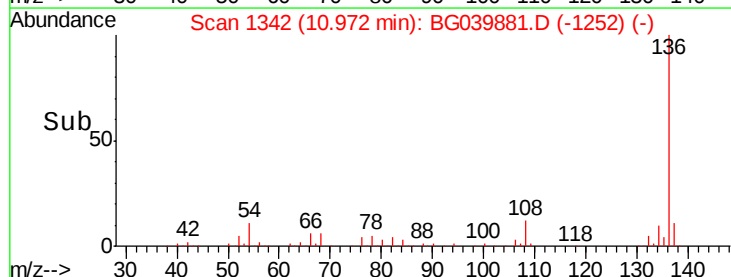
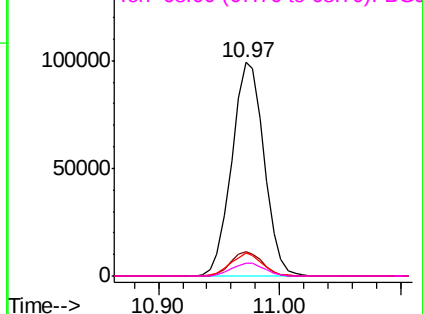
137 11.2 9.1 13.7

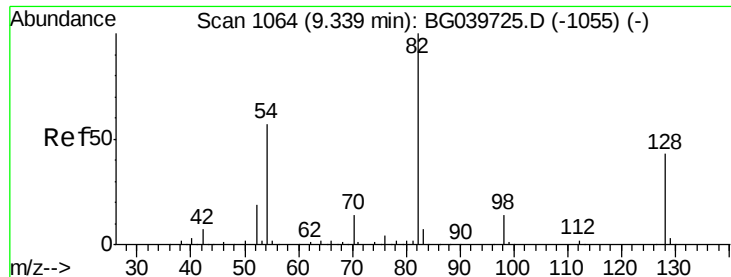
54 10.6 9.4 14.2

68 5.7 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

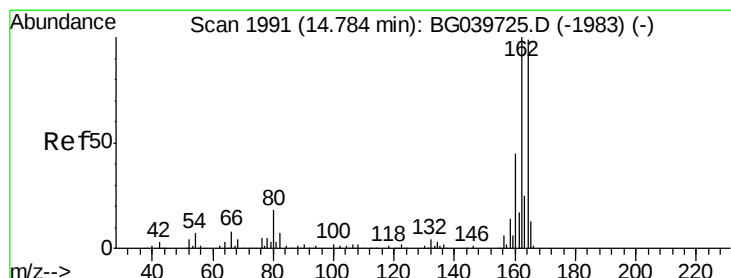
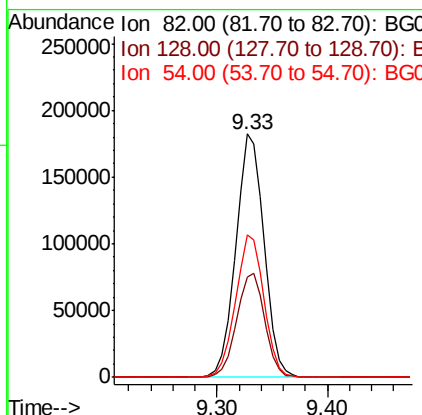
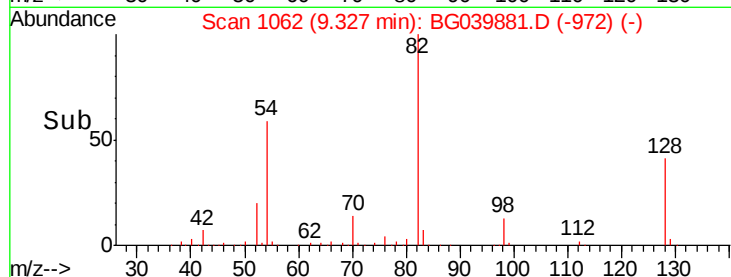
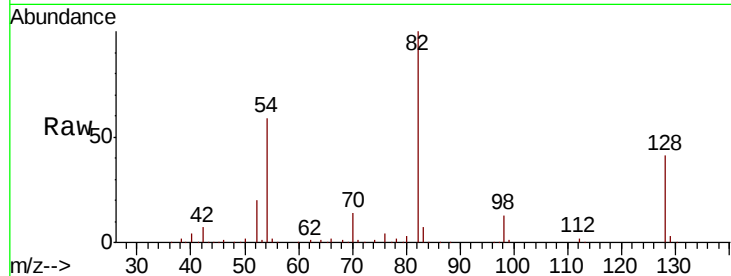




#23
 Nitrobenzene-d5
 Concen: 95.684 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BG039881.D
 Acq: 12 Mar 2019 19:33

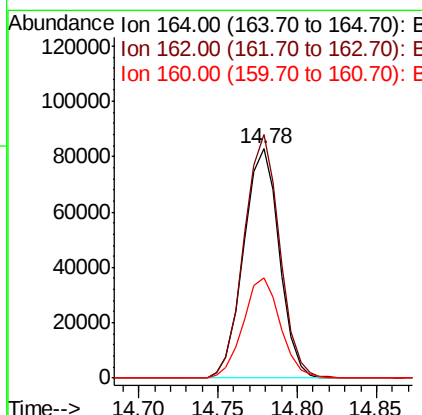
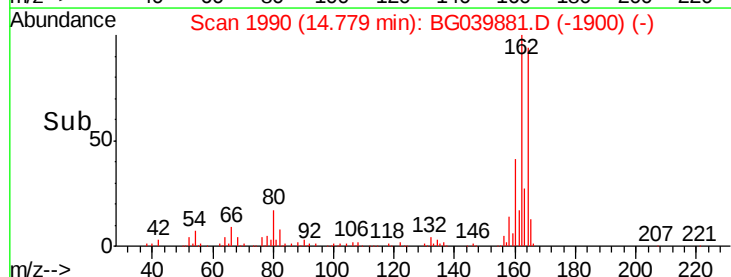
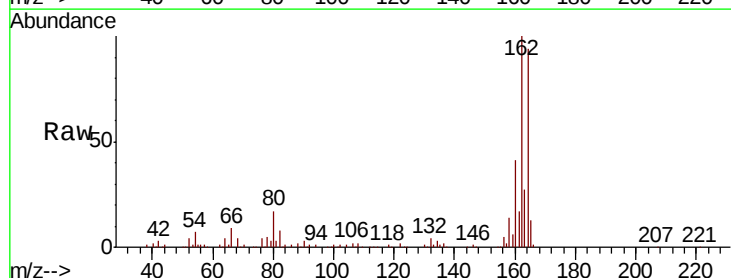
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-06_030719

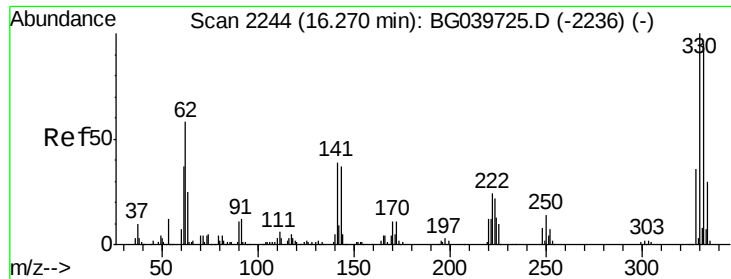
Tot Ion: 82 Resp: 326311
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.3 46.9
 54 58.5 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG039881.D
 Acq: 12 Mar 2019 19:33

Tgt Ion: 164 Resp: 129755
 Ion Ratio Lower Upper
 164 100
 162 106.3 81.6 122.4
 160 44.0 34.2 51.2

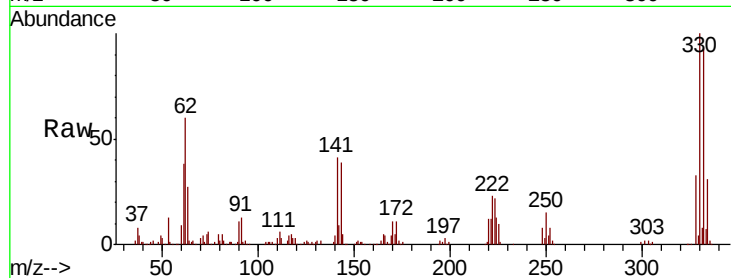




#42
 2,4,6-Tribromophenol
 Concen: 150.031 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: BG039881.D
 Acq: 12 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-06_030719

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	42.6	35.6	53.4

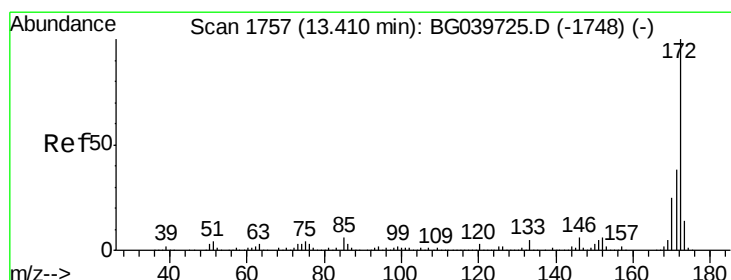
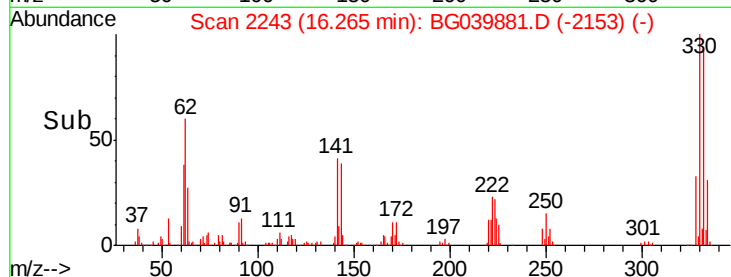
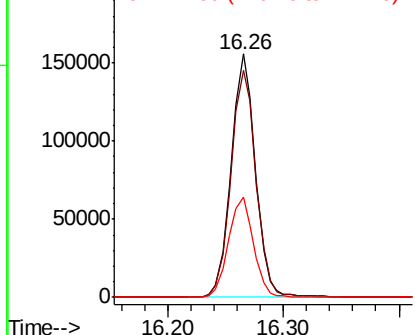


Abundance

Ion 329.80 (329.50 to 330.50): E

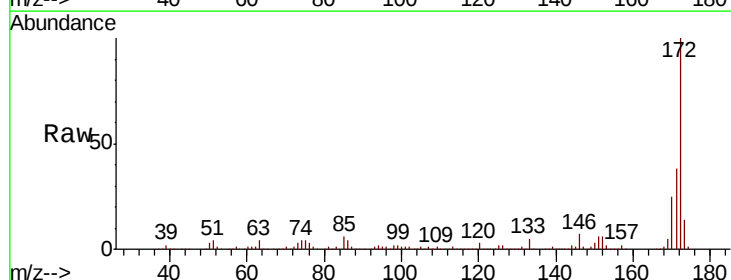
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.162 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG039881.D
 Acq: 12 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	25.5	20.2	30.4

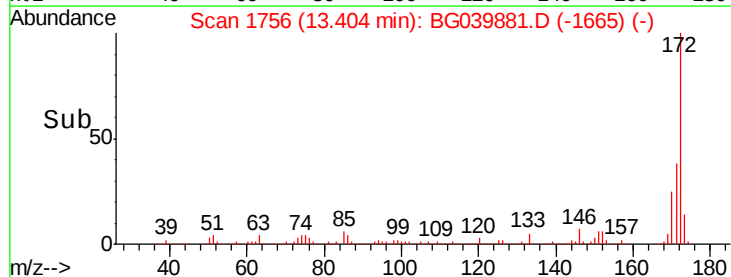
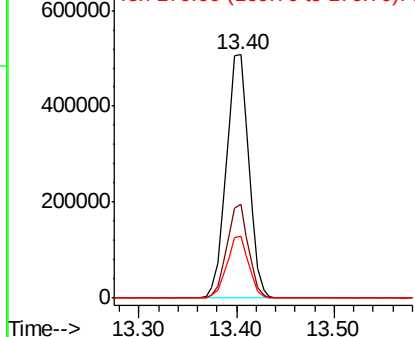


Abundance

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

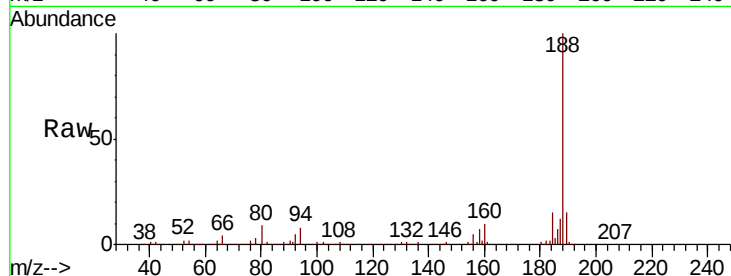




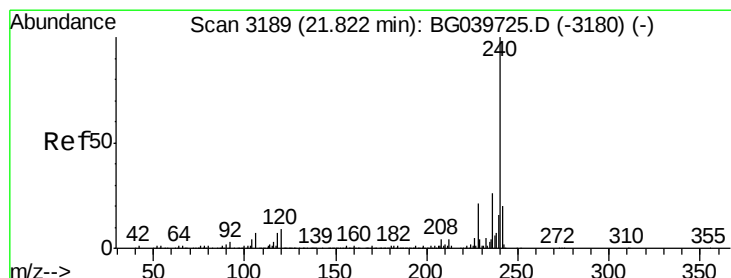
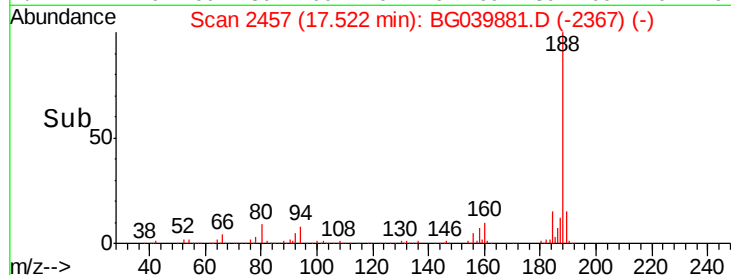
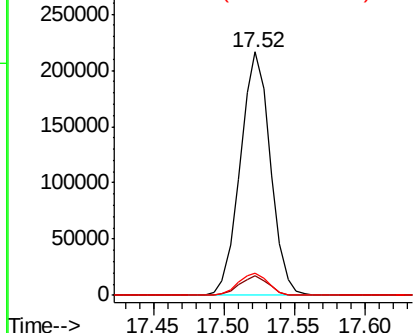
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG039881.D
Acq: 12 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
C-MW-06_030719

Tot Ion:188 Resp: 323091
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.1 8.1 12.1

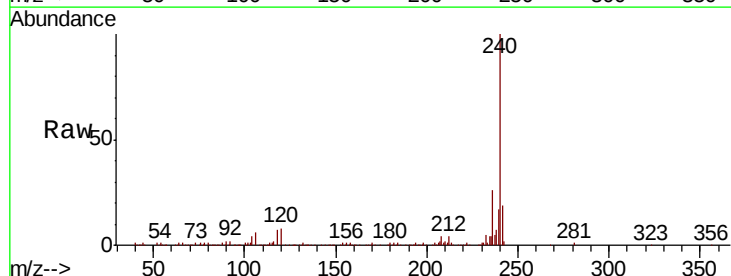


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

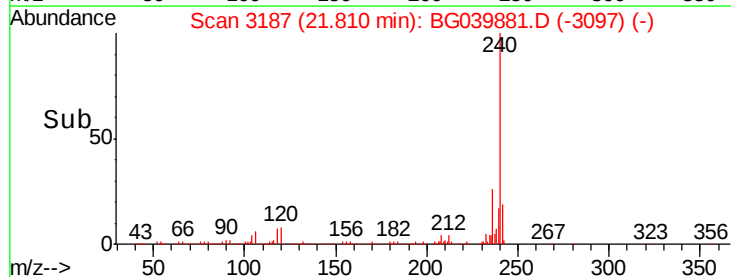
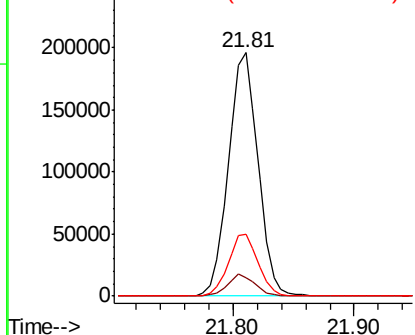


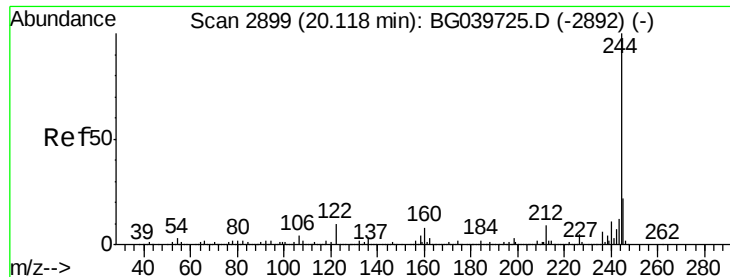
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.00 min
Lab File: BG039881.D
Acq: 12 Mar 2019 19:33

Tgt Ion:240 Resp: 333103
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 25.6 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: 87.624 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG039881.D

Acq: 12 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

C-MW-06_030719

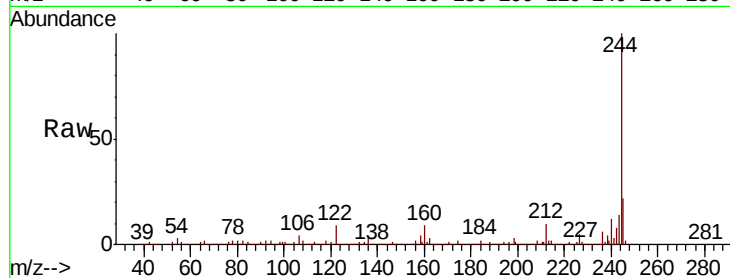
Tot Ion:244 Resp: 1325634

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

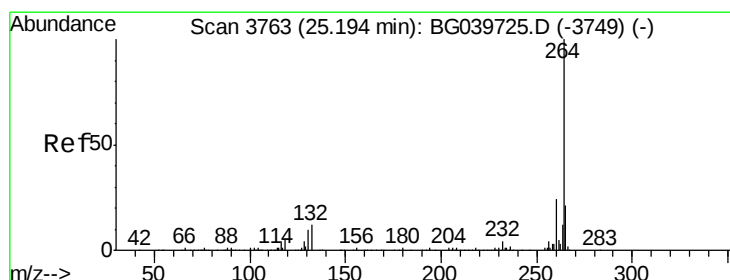
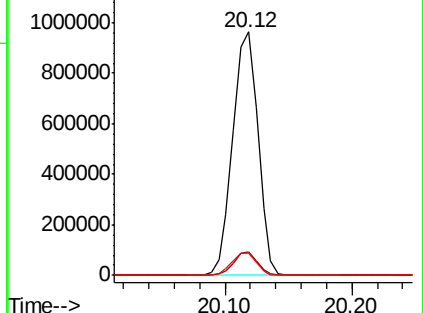
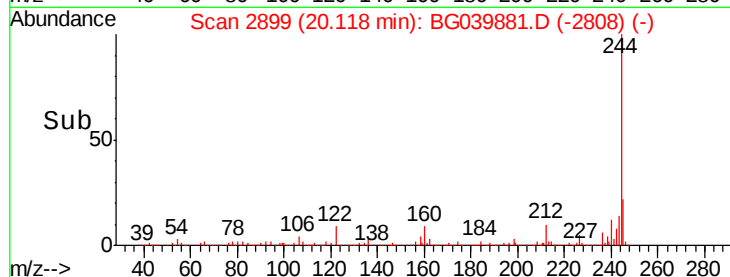
122 9.2 8.4 12.6



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. -0.01 min

Lab File: BG039881.D

Acq: 12 Mar 2019 19:33

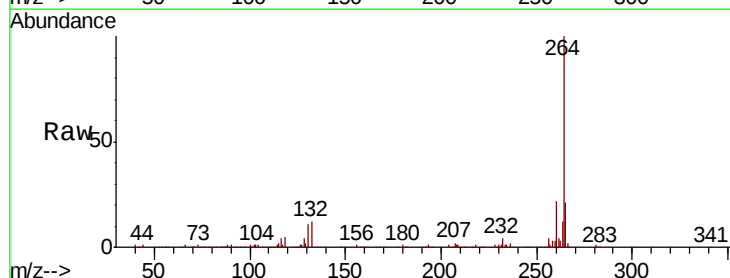
Tgt Ion:264 Resp: 332787

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 20.9 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

