

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039951.D
 Acq On : 15 Mar 2019 21:28
 Operator : JU/SJ
 Sample : K1909-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-CO5(SETTLE-WATER)

Quant Time: Mar 16 04:49:36 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	45457	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	193393	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	128615	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	297748	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	307699	20.00	ng	-0.03
87) Perylene-d12	25.17	264	320067	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	96453	36.20	ng	-0.02
7) Phenol-d6	7.29	99	83813	21.10	ng	-0.03
23) Nitrobenzene-d5	9.32	82	336255	94.04	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	137583	91.78	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	821482	90.94	ng	-0.02
79) Terphenyl-d14	20.11	244	1068088	76.43	ng	-0.02

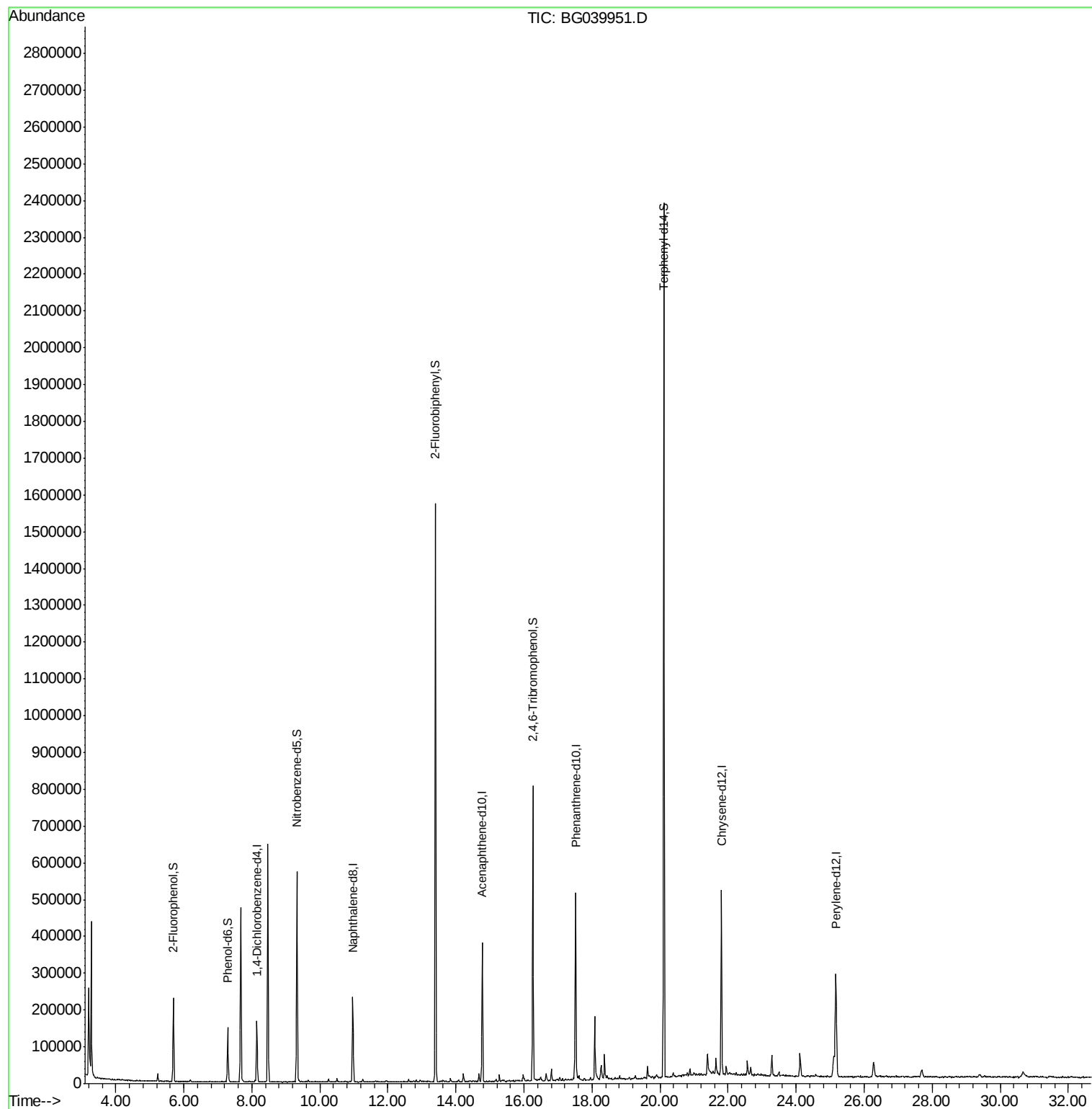
Target Compounds Qvalue

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

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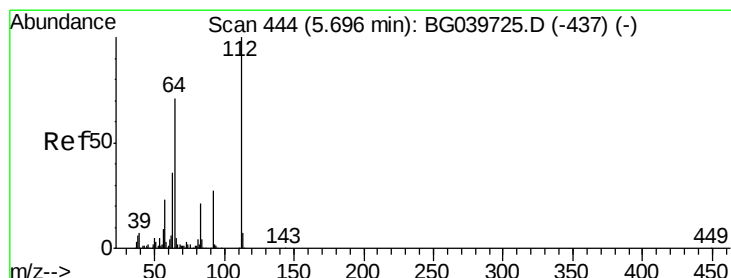
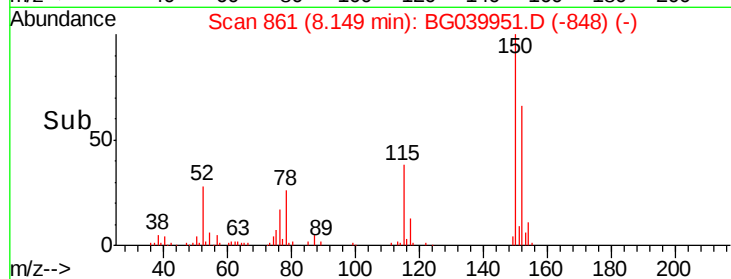
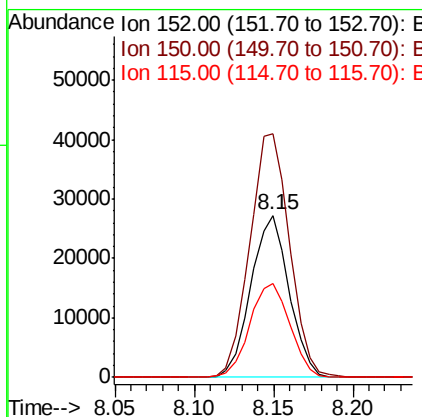
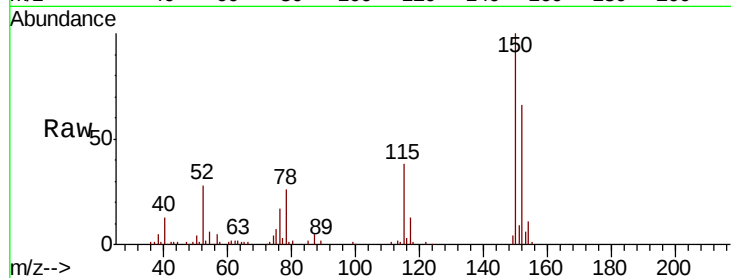


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039951.D
Acq: 15 Mar 2019 21:28

Instrument :
BNA_G
ClientSampleId :
MH-CO5(SETTLE-WATER)

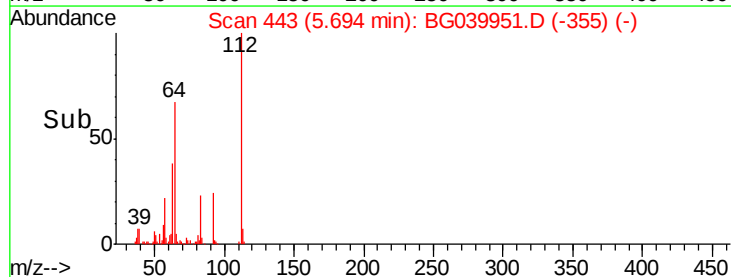
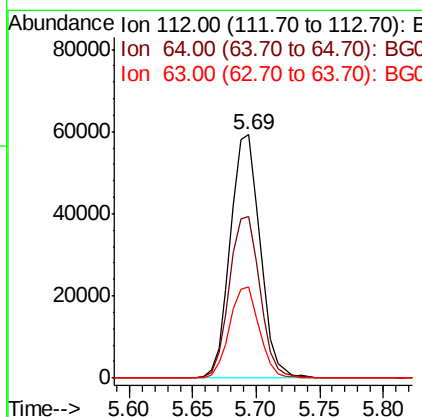
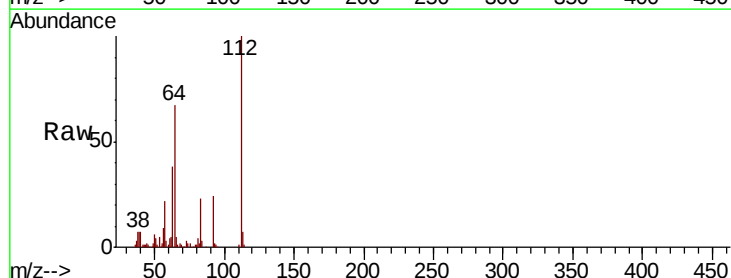
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.7	185.5
115	57.7	45.9	68.9



#5

2-Fluorophenol
Concen: 36.199 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039951.D
Acq: 15 Mar 2019 21:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	57.8	86.8
63	37.6	29.8	44.6





#7

Phenol-d6

Concen: 21.096 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG039951.D

Acq: 15 Mar 2019 21:28

Instrument :

BNA_G

ClientSampleId :

MH-CO5(SETTLE-WATER)

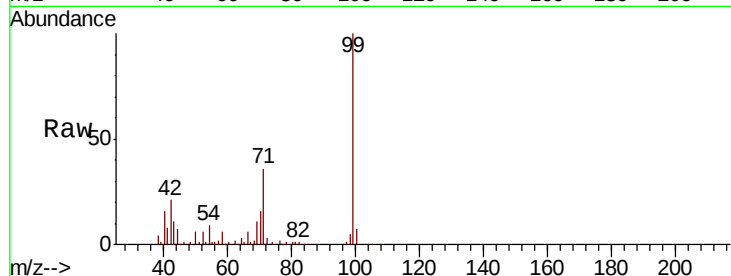
Tot Ion: 99 Resp: 83813

Ion Ratio Lower Upper

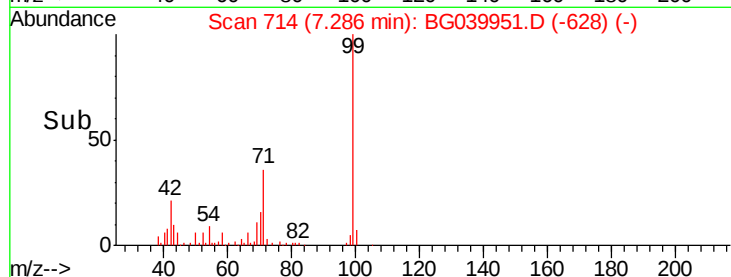
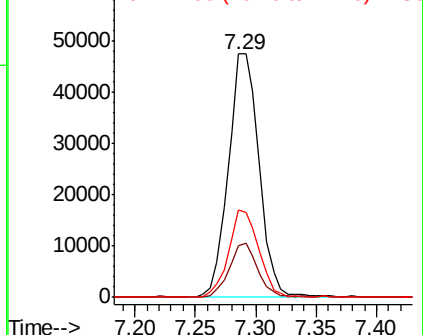
99 100

42 21.1 18.2 27.2

71 35.9 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# 1341

Delta R.T. -0.02 min

Lab File: BG039951.D

Acq: 15 Mar 2019 21:28

Tgt Ion:136 Resp: 193393

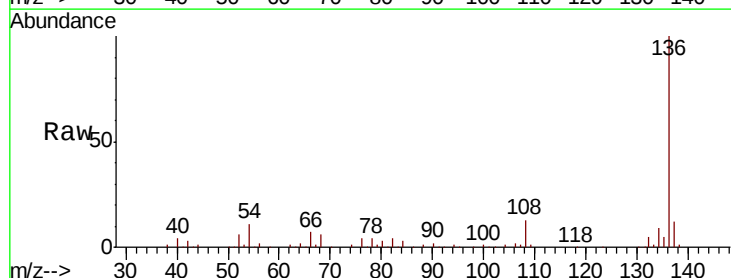
Ion Ratio Lower Upper

136 100

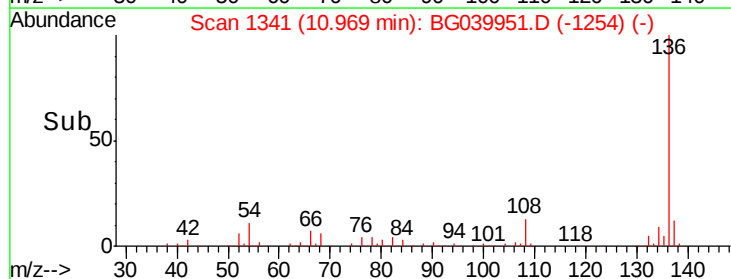
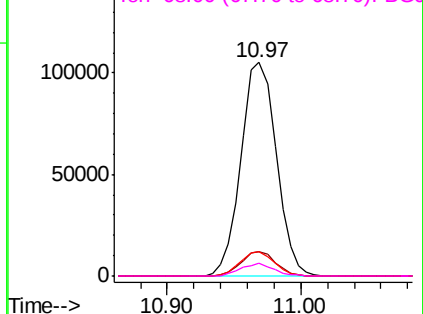
137 11.6 9.1 13.7

54 11.3 9.4 14.2

68 6.1 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

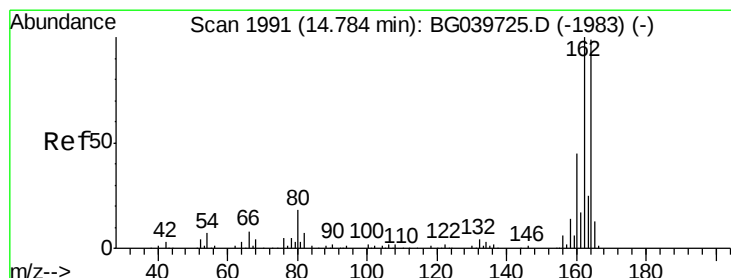
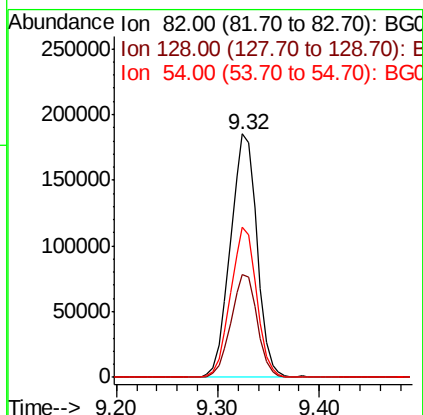
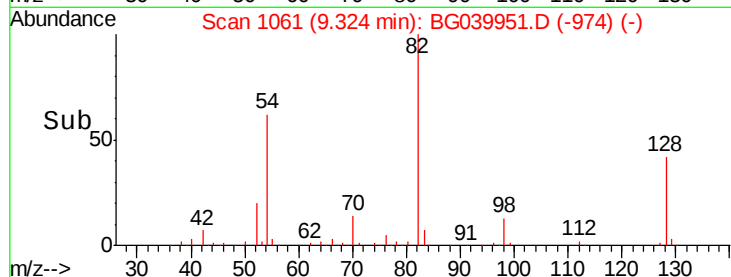
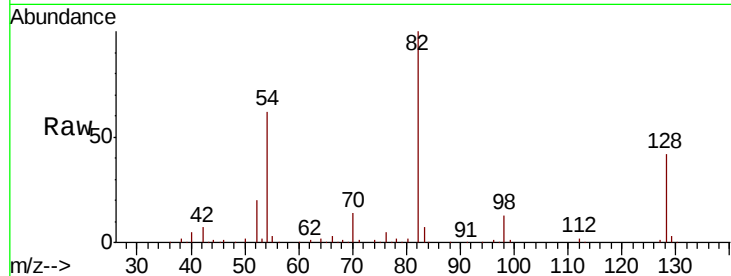




#23
Nitrobenzene-d5
Concen: 94.037 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039951.D
Acq: 15 Mar 2019 21:28

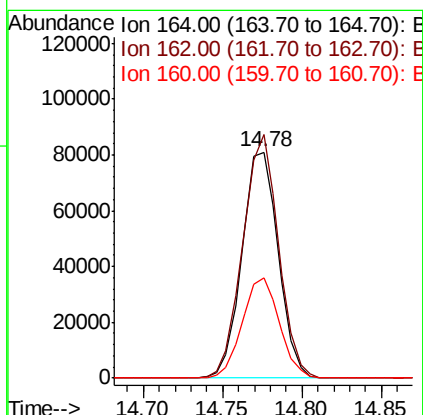
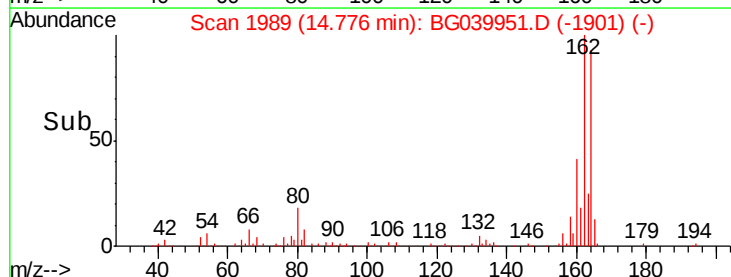
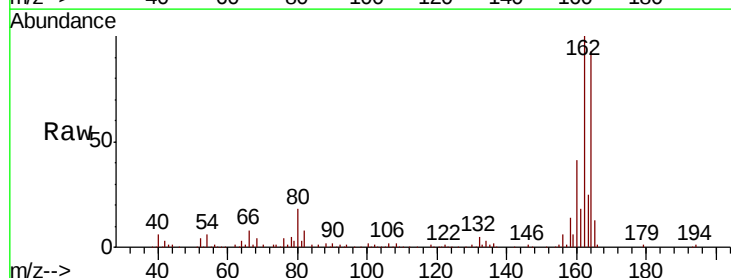
Instrument :
BNA_G
ClientSampleId :
MH-CO5(SETTLE-WATER)

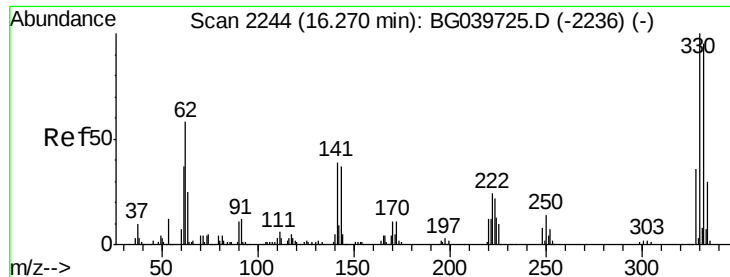
Tot Ion: 82 Resp: 336255
Ion Ratio Lower Upper
82 100
128 42.1 31.3 46.9
54 61.6 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039951.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 164 Resp: 128615
Ion Ratio Lower Upper
164 100
162 107.8 81.6 122.4
160 44.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 91.777 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039951.D

Acq: 15 Mar 2019 21:28

Instrument :

BNA_G

ClientSampleId :

MH-CO5(SETTLE-WATER)

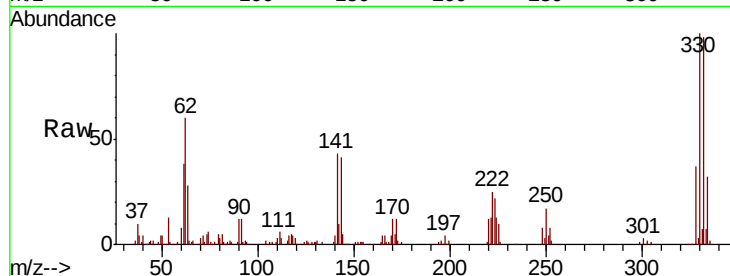
Tot Ion:330 Resp: 137583

Ion Ratio Lower Upper

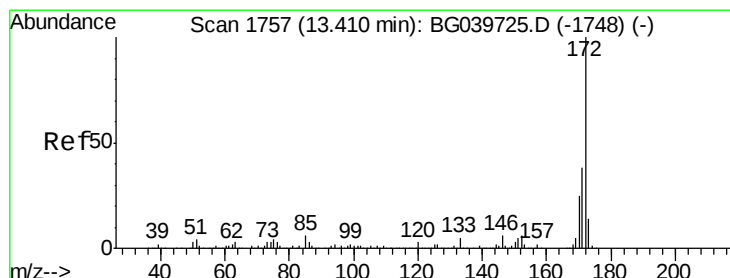
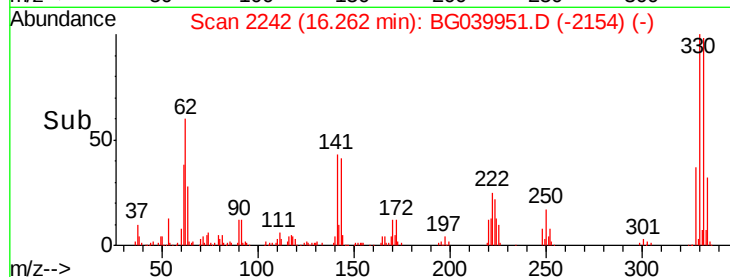
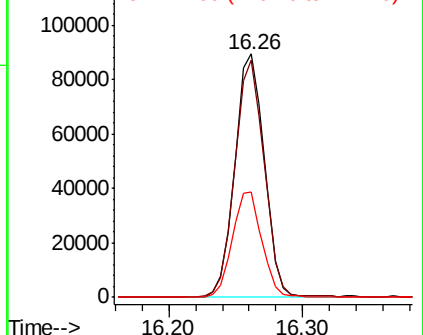
330 100

332 97.0 75.7 113.5

141 43.4 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: 90.942 ng

RT: 13.40 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG039951.D

Acq: 15 Mar 2019 21:28

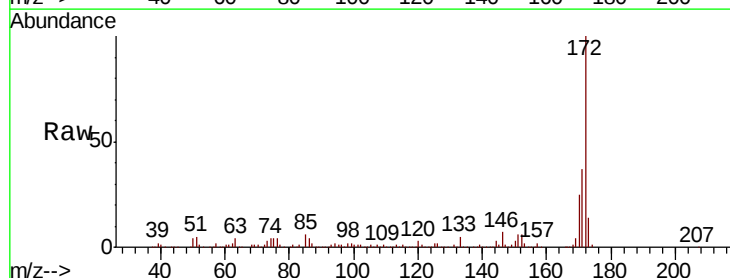
Tgt Ion:172 Resp: 821482

Ion Ratio Lower Upper

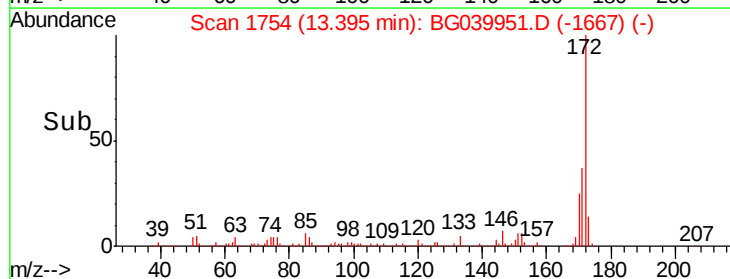
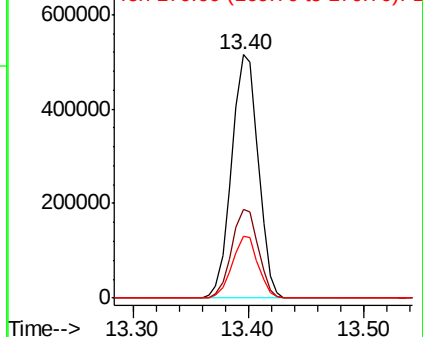
172 100

171 36.6 30.8 46.2

170 25.2 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

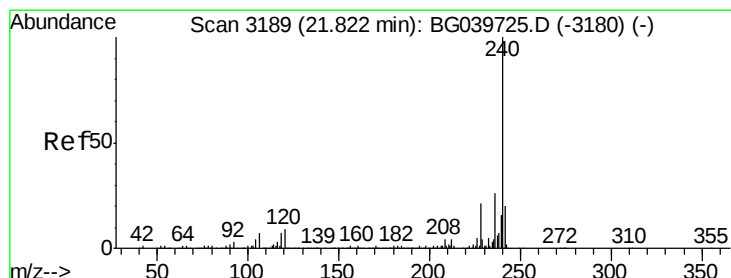
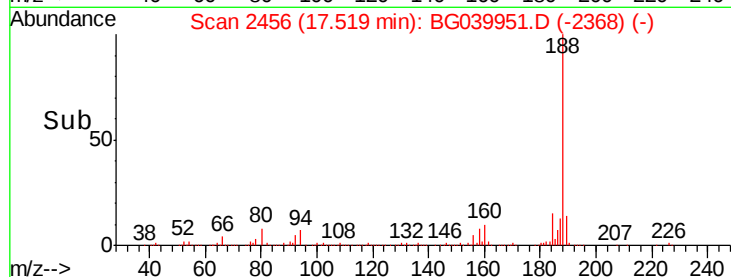
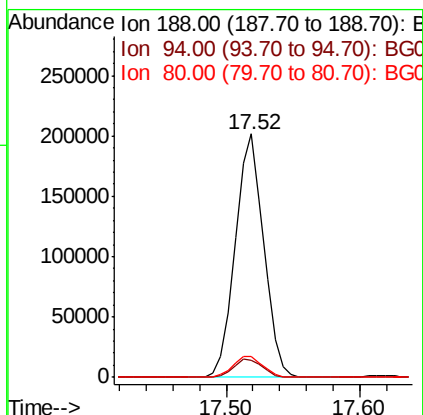
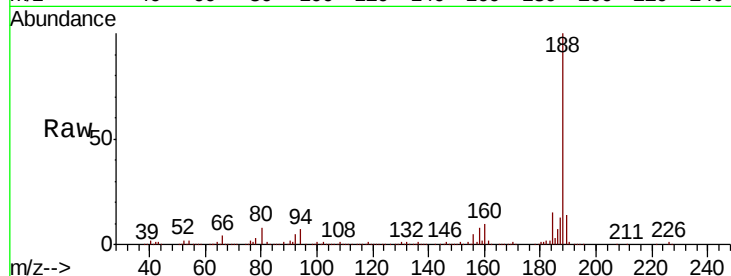




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039951.D
Acq: 15 Mar 2019 21:28

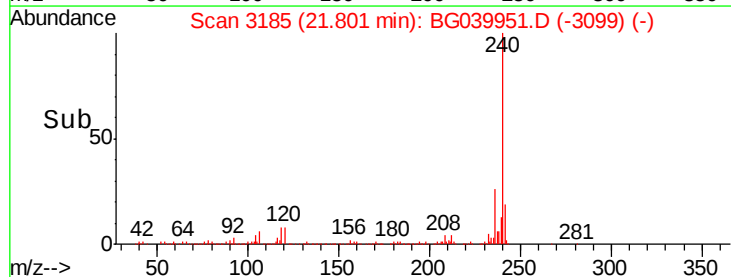
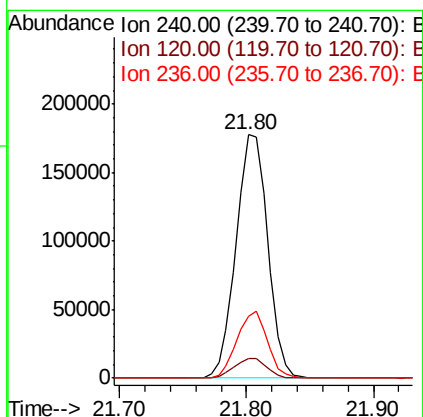
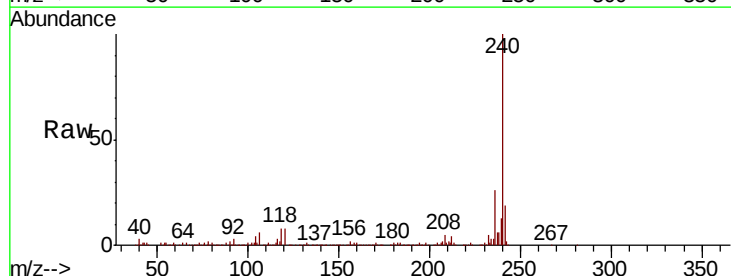
Instrument :
BNA_G
ClientSampleId :
MH-CO5(SETTLE-WATER)

Tot Ion:188 Resp: 297748
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 8.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG039951.D
Acq: 15 Mar 2019 21:28

Tgt Ion:240 Resp: 307699
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.7 21.0 31.4





#79

Terphenyl-d14

Concen: 76.429 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039951.D

Acq: 15 Mar 2019 21:28

Instrument :

BNA_G

ClientSampleId :

MH-CO5(SETTLE-WATER)

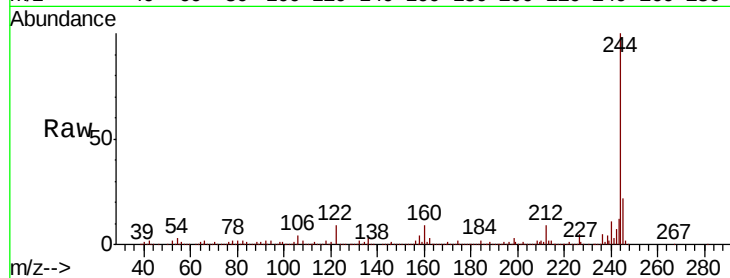
Tot Ion:244 Resp: 1068088

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	9.4	8.4	12.6

244 100

212 9.3 7.3 10.9

122 9.4 8.4 12.6

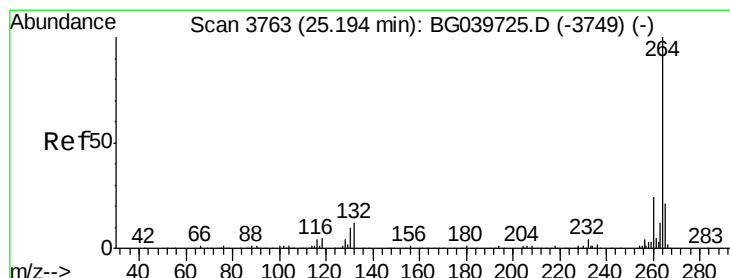
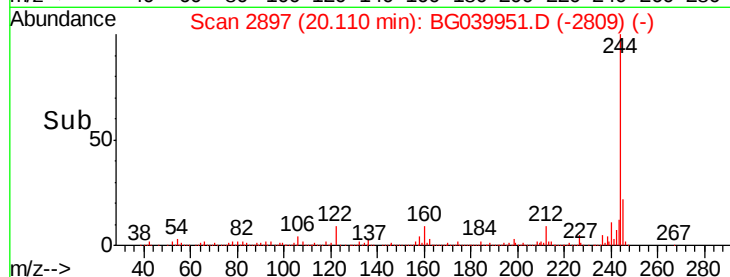
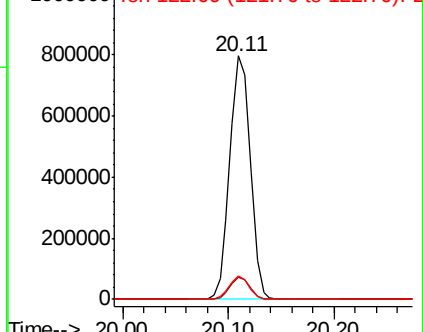


Abundance

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: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG039951.D

Acq: 15 Mar 2019 21:28

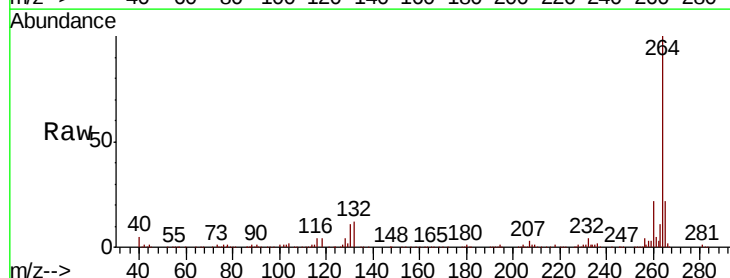
Tgt Ion:264 Resp: 320067

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	22.2	18.5	27.7

264 100

260 22.0 18.2 27.4

265 22.2 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

