

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
 Data File : BG039350.D
 Acq On : 1 Feb 2019 19:52
 Operator : JU/SJ
 Sample : K1299-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACH-AMND-COMP-1

Quant Time: Feb 02 02:03:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	48532	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	205877	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	134140	20.00	ng	-0.01
64) Phenanthrene-d10	17.55	188	308831	20.00	ng	0.00
76) Chrysene-d12	21.84	240	341901	20.00	ng	-0.01
87) Perylene-d12	25.23	264	358579	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	182437	64.34	ng	0.00
7) Phenol-d6	7.31	99	159093	38.12	ng	-0.01
23) Nitrobenzene-d5	9.35	82	375505	113.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	227619	157.58	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	907492	97.05	ng	0.00
79) Terphenyl-d14	20.14	244	1278036	79.12	ng	-0.01

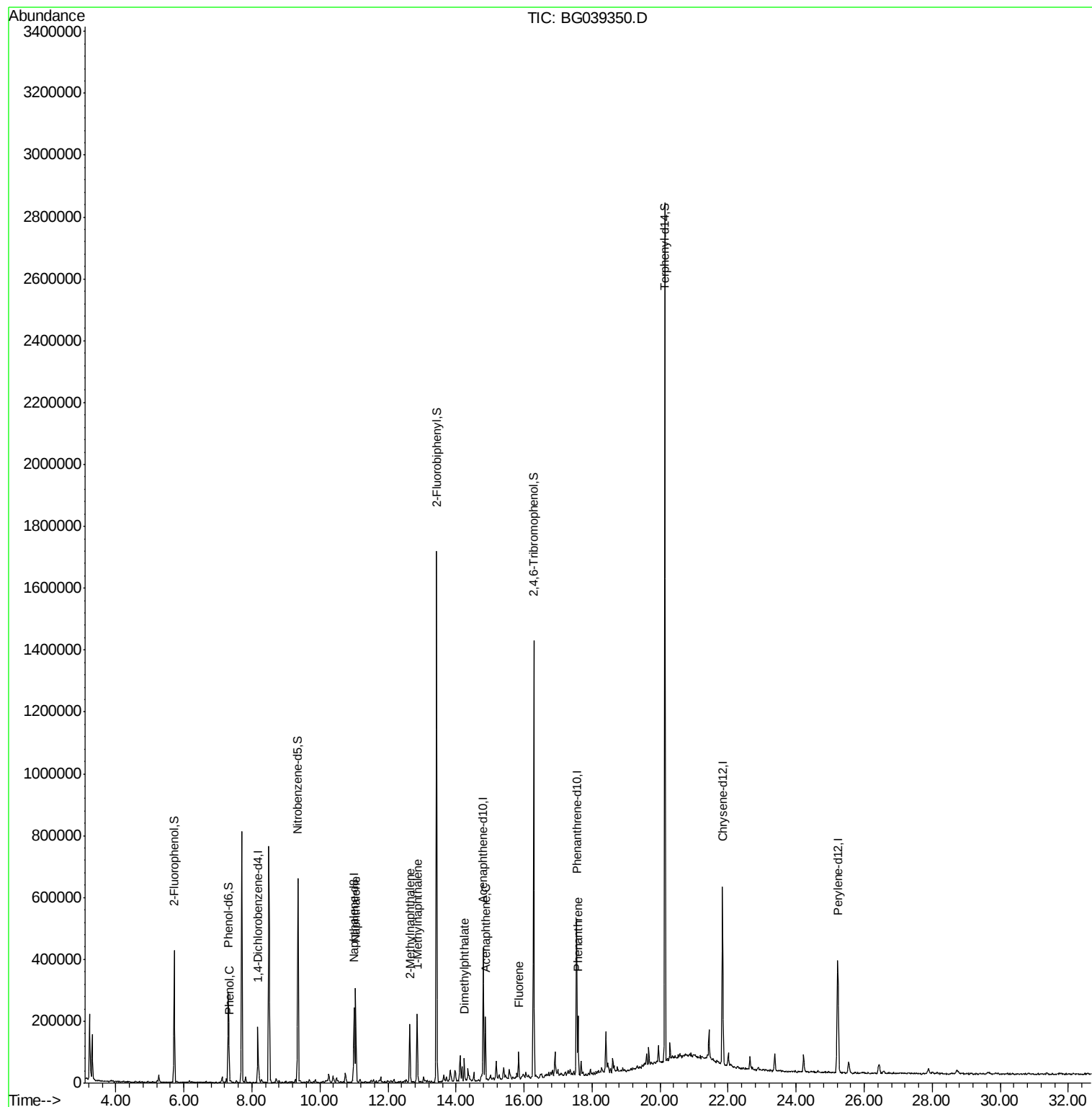
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.34	94	20709	4.760	ng	94
31) Naphthalene	11.05	128	256283	25.093	ng	98
37) 2-Methylnaphthalene	12.64	142	89406	11.819	ng	96
38) 1-Methylnaphthalene	12.86	142	102356	14.037	ng	97
50) Dimethylphthalate	14.25	163	47641	4.397	ng	99
52) Acenaphthene	14.86	154	73686	8.960	ng	96
58) Fluorene	15.84	166	36912	3.755	ng	97
71) Phenanthrene	17.59	178	115660	7.236	ng	96

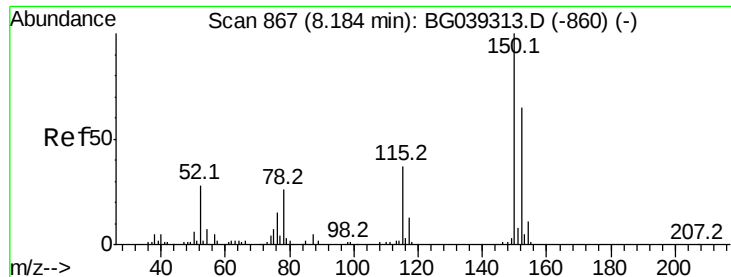
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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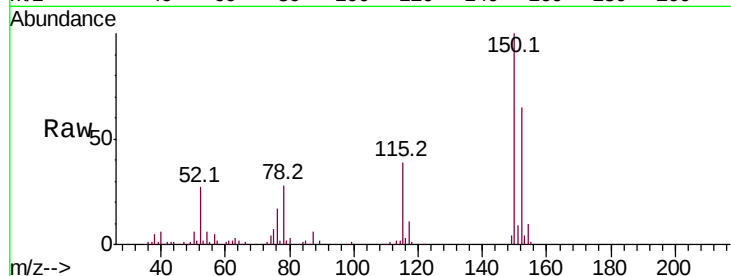


#1

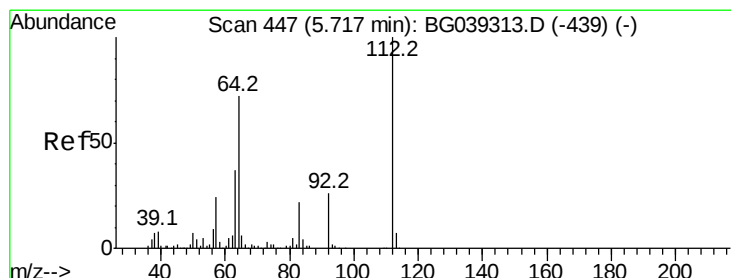
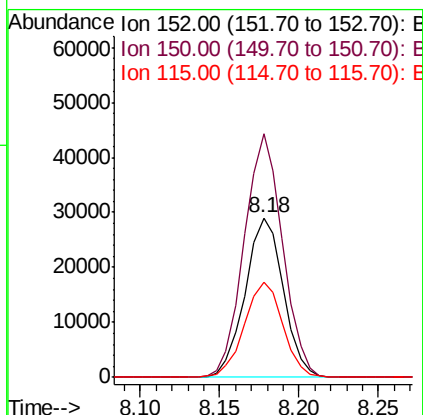
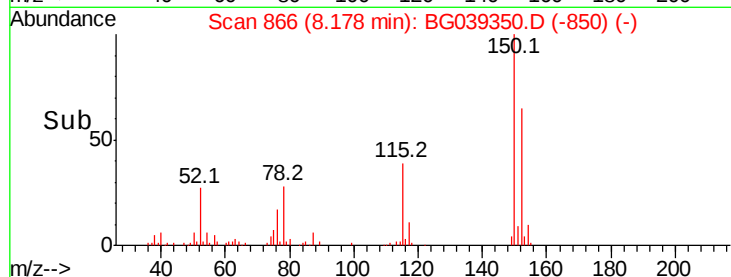
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-1

Tot Ion:152 Resp: 48532
Ion Ratio Lower Upper
152 100
150 152.7 123.7 185.5
115 59.8 45.9 68.9



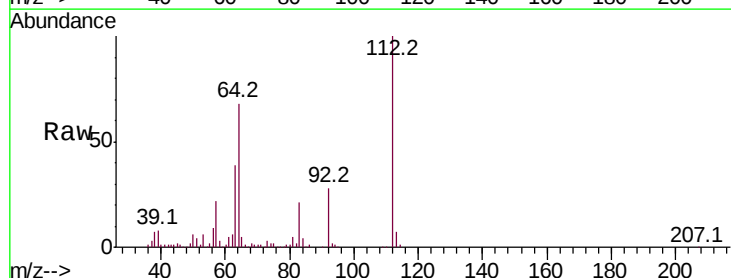
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



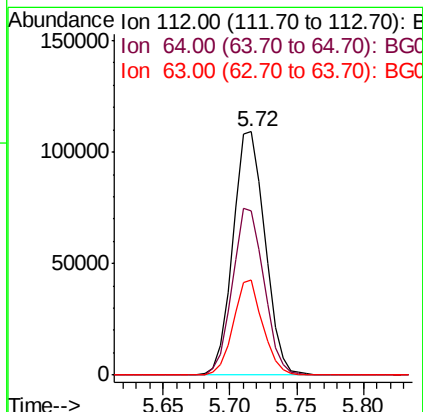
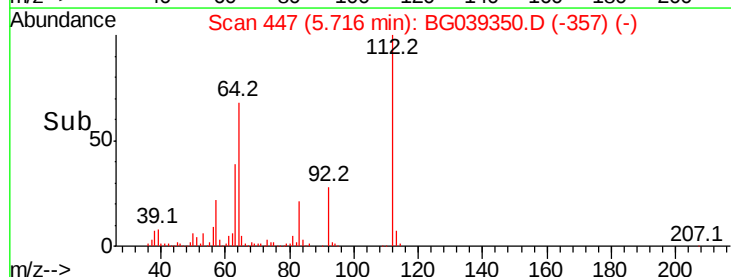
#5

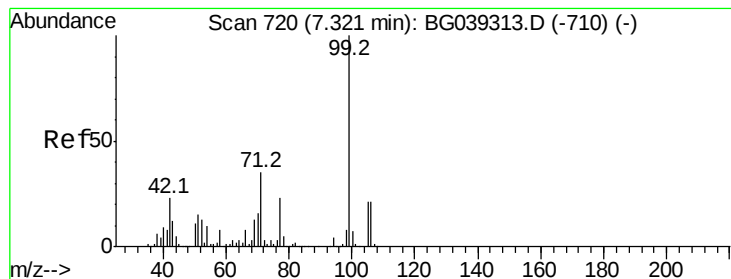
2-Fluorophenol
Concen: 64.337 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

Tgt Ion:112 Resp: 182437
Ion Ratio Lower Upper
112 100
64 67.7 57.8 86.8
63 39.2 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: 38.116 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039350.D

Acq: 1 Feb 2019 19:52

Instrument :

BNA_G

ClientSampleId :

SPLP-LEACH-AMND-COMP-1

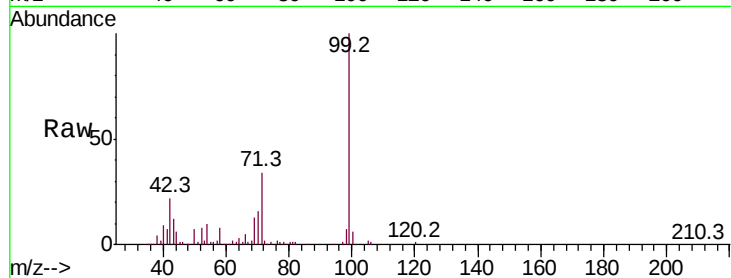
Tot Ion: 99 Resp: 159093

Ion Ratio Lower Upper

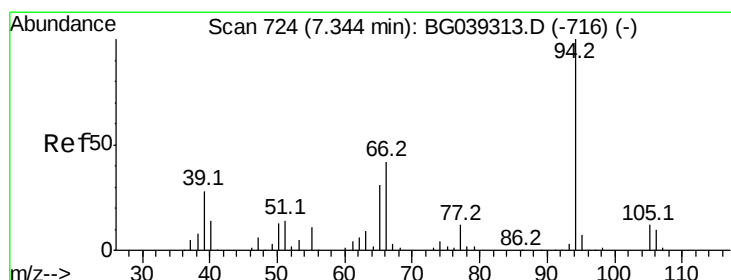
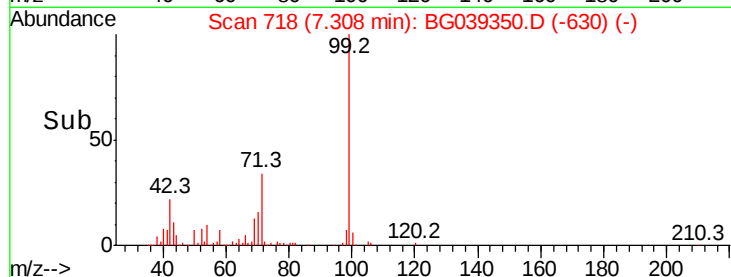
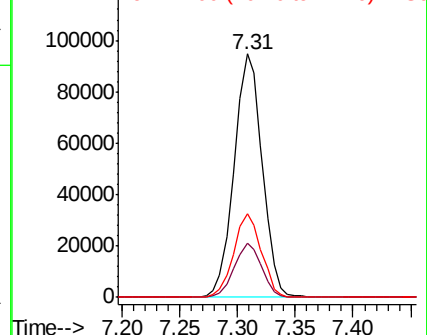
99 100

42 22.2 18.2 27.2

71 34.4 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



#10

Phenol

Concen: 4.760 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039350.D

Acq: 1 Feb 2019 19:52

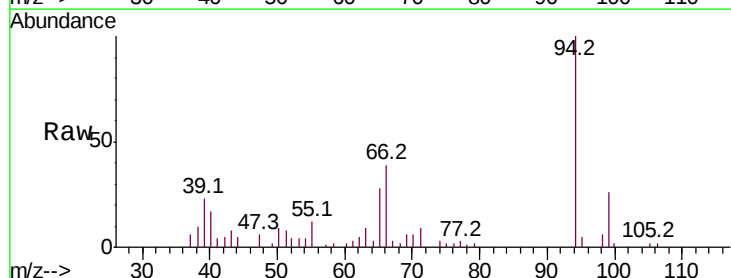
Tgt Ion: 94 Resp: 20709

Ion Ratio Lower Upper

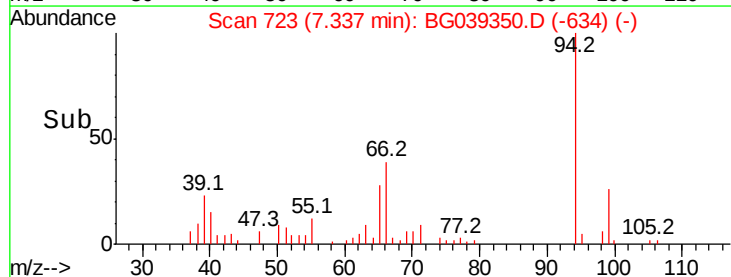
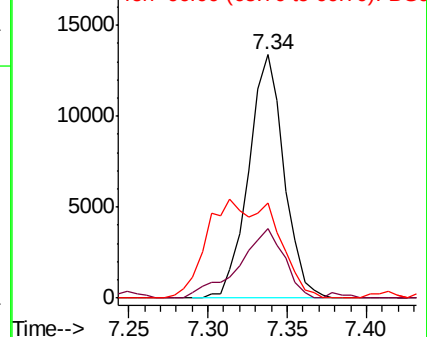
94 100

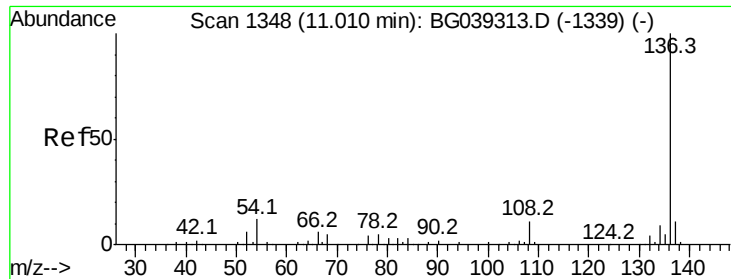
65 28.4 11.7 51.7

66 39.3 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

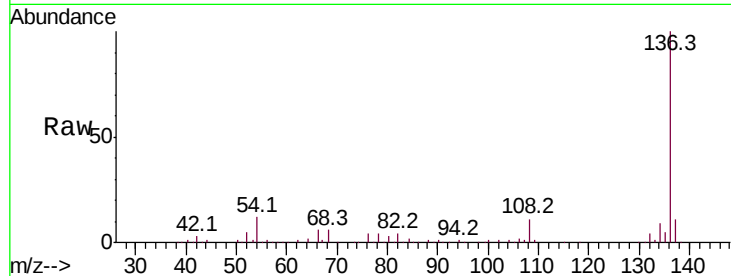




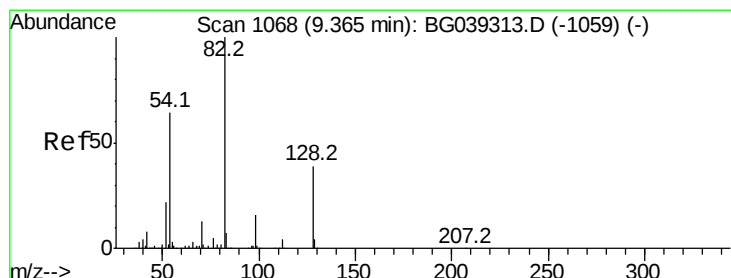
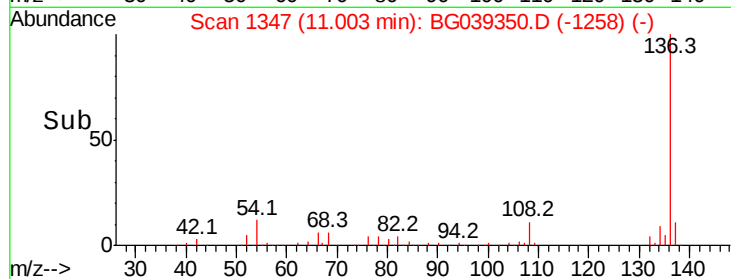
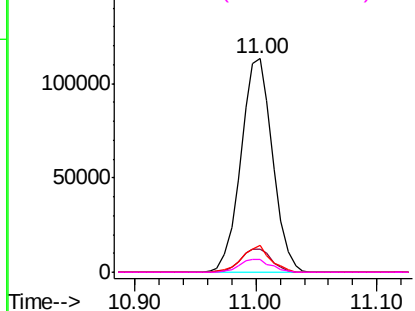
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-1

Tot Ion:	136	Resp:	205877
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	12.4	9.4	14.2
68	6.1	4.2	6.4

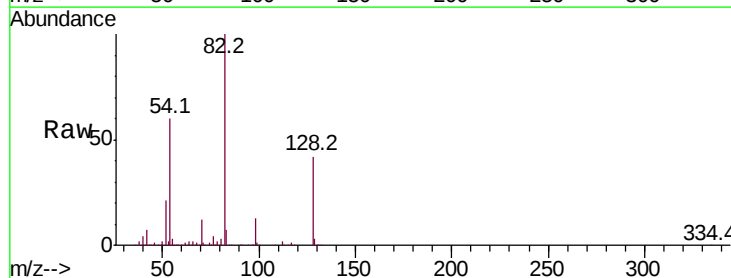


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

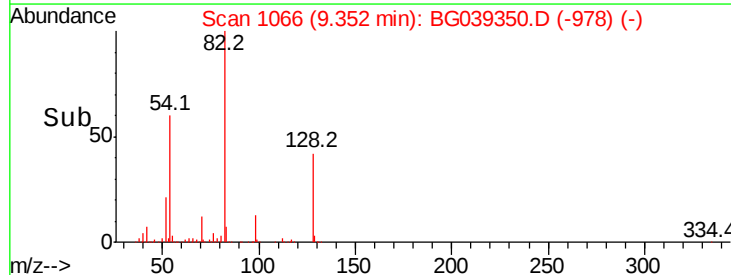
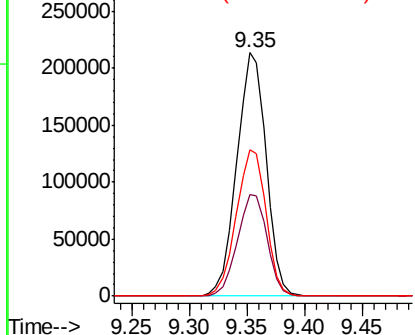


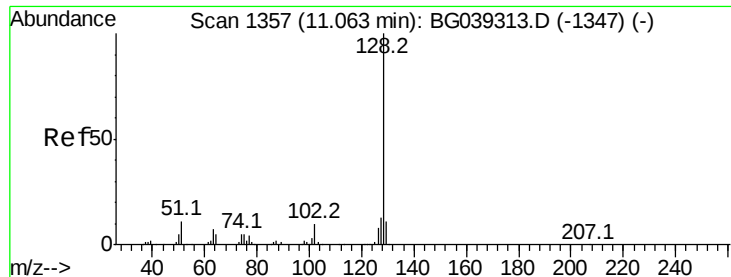
#23
Nitrobenzene-d5
Concen: 113.944 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

Tgt Ion:	82	Resp:	375505
Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.3	46.9
54	60.3	50.9	76.3



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

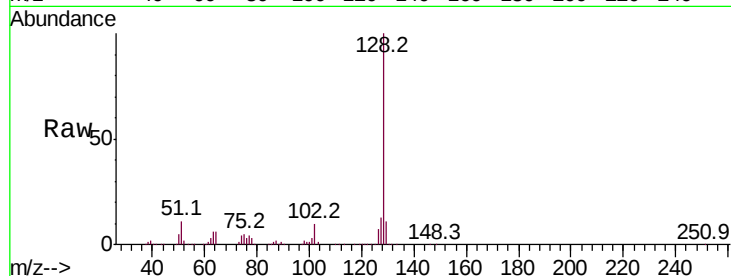




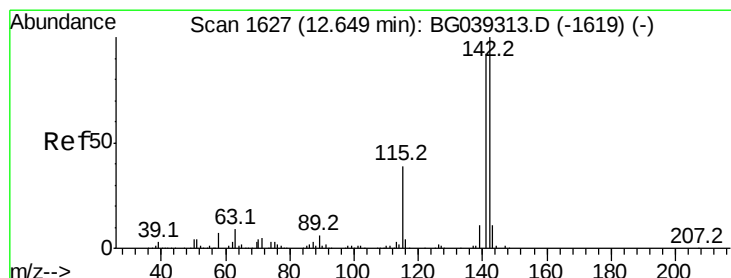
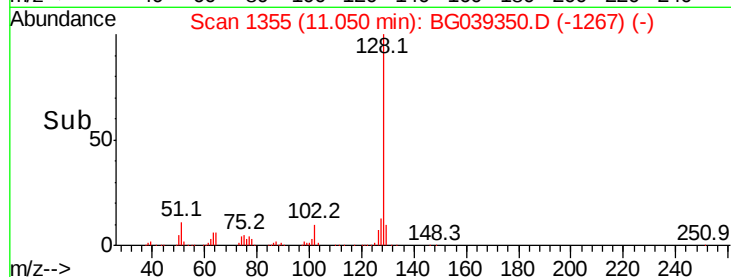
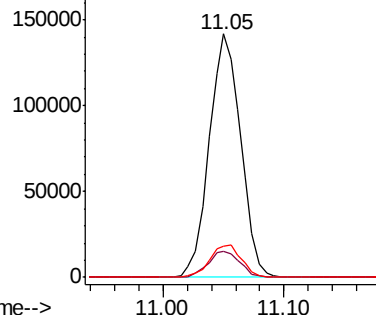
#31
Naphthalene
Concen: 25.093 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-1

Tot Ion:128 Resp: 256283
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 12.7 10.8 16.2

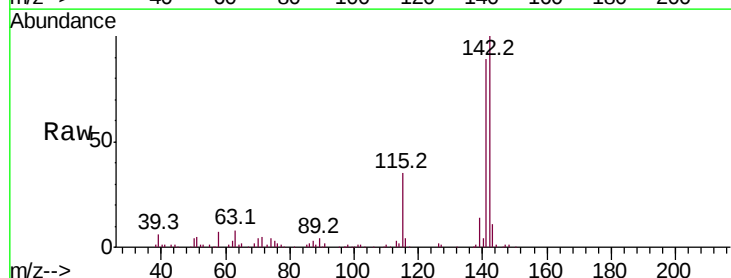


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

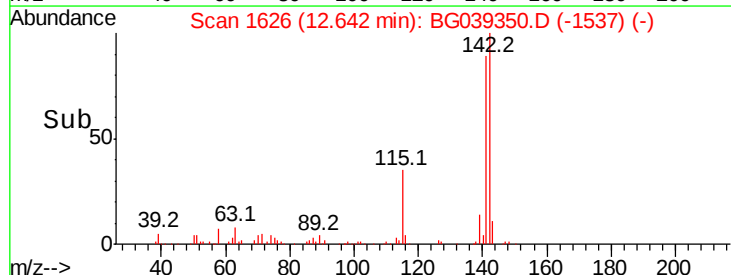
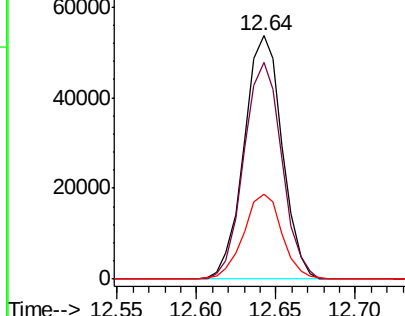


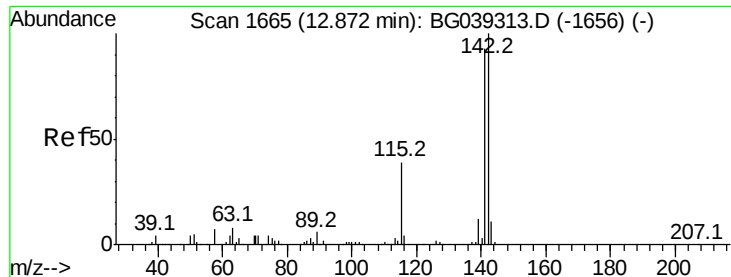
#37
2-Methylnaphthalene
Concen: 11.819 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

Tgt Ion:142 Resp: 89406
Ion Ratio Lower Upper
142 100
141 89.2 73.5 110.3
115 34.8 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

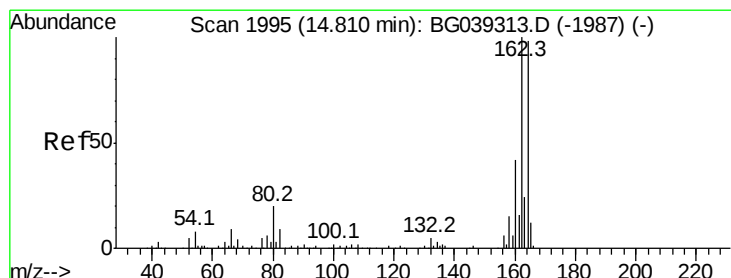
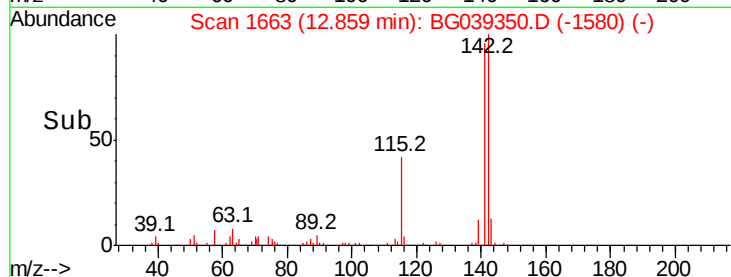
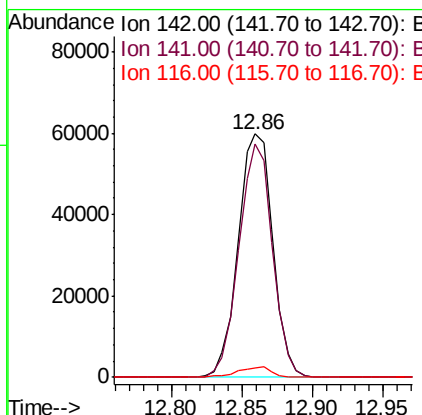
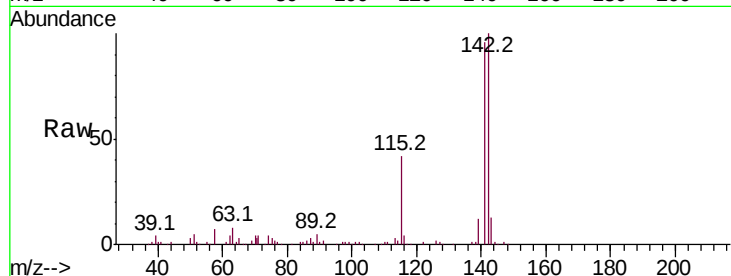




#38
1-Methylnaphthalene
Concen: 14.037 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

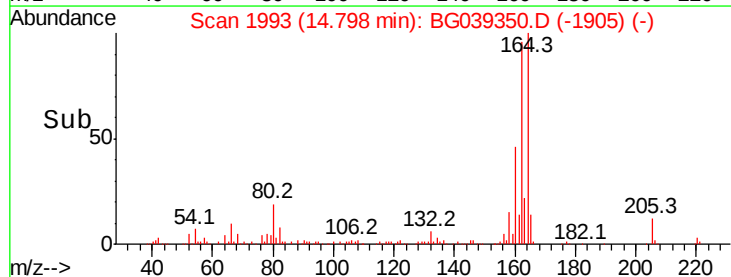
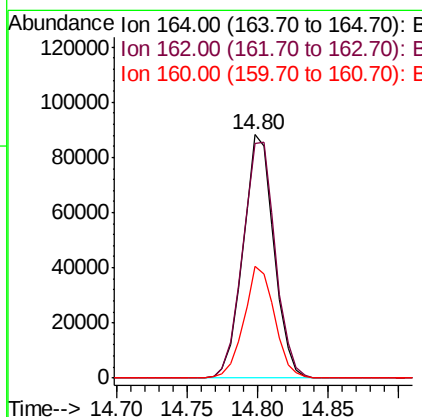
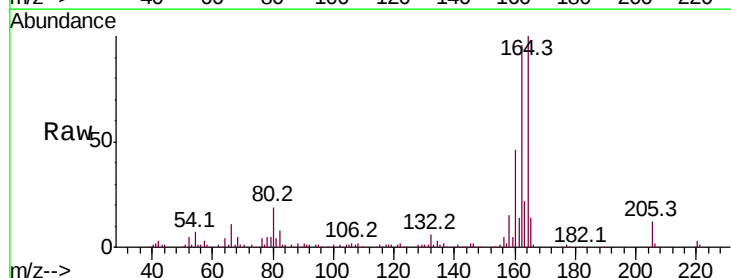
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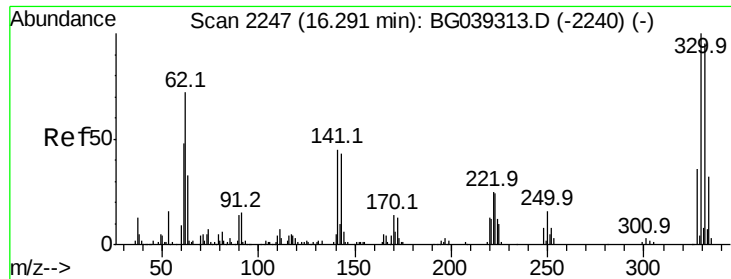
Tot Ion	Ratio	Lower	Upper
142	100		
141	96.0	74.2	111.4
116	3.8	3.0	4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	81.6	122.4
160	45.8	34.2	51.2

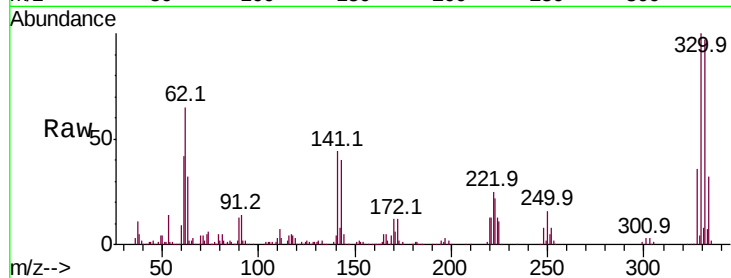




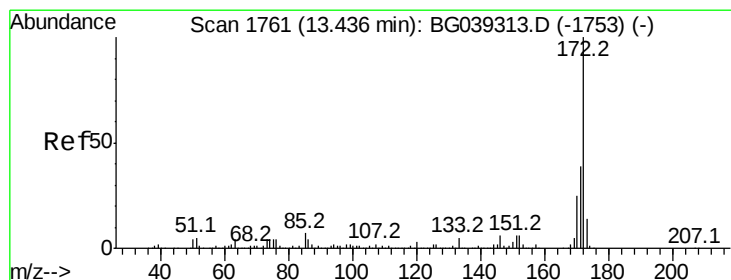
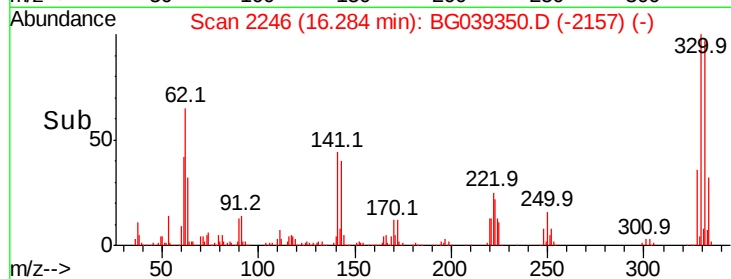
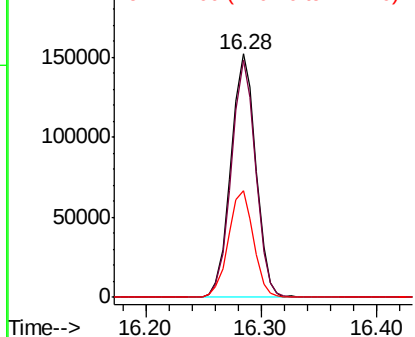
#42
 2,4,6-Tribromophenol
 Concen: 157.581 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039350.D
 Acq: 1 Feb 2019 19:52

Instrument :
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 SPLP-LEACH-AMND-COMP-1

Tot Ion:330 Resp: 227619
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.7 113.5
 141 43.9 35.6 53.4

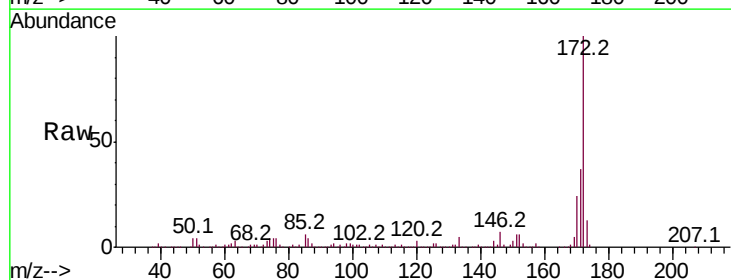


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

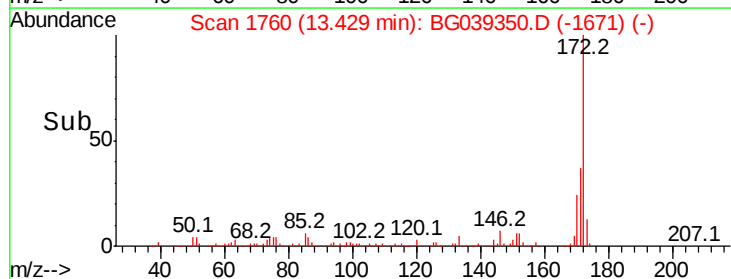
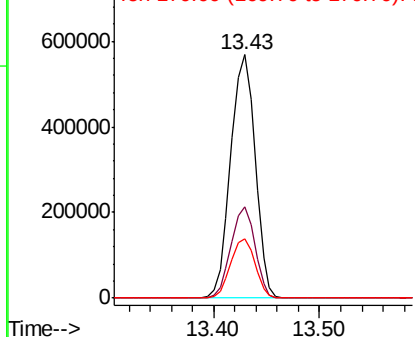


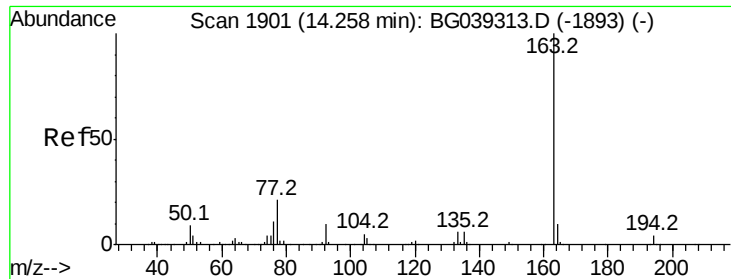
#45
 2-Fluorobiphenyl
 Concen: 97.051 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039350.D
 Acq: 1 Feb 2019 19:52

Tgt Ion:172 Resp: 907492
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 24.1 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





#50

Dimethylphthalate

Concen: 4.397 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039350.D

Acq: 1 Feb 2019 19:52

Instrument :

BNA_G

ClientSampleId :

SPLP-LEACH-AMND-COMP-1

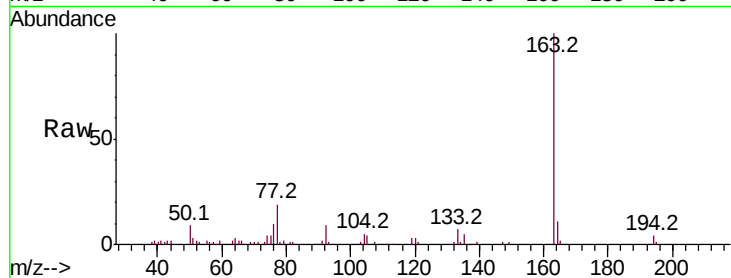
Tot Ion:163 Resp: 47641

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

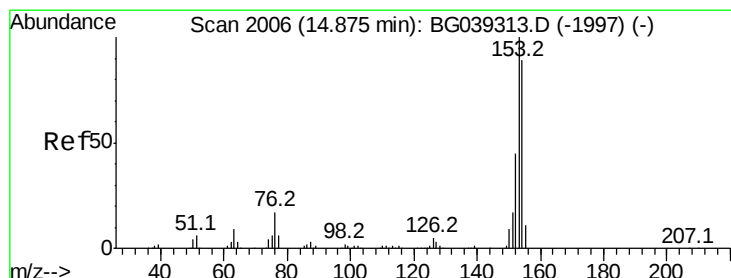
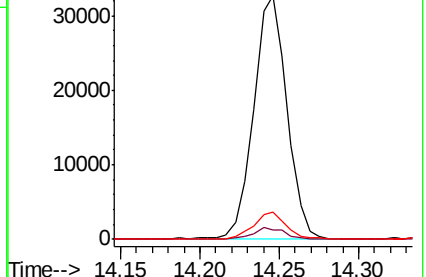
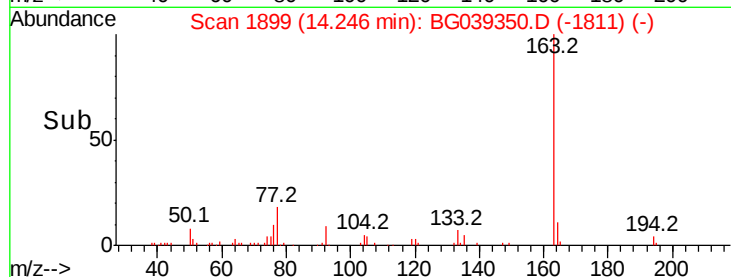
164 11.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 8.960 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039350.D

Acq: 1 Feb 2019 19:52

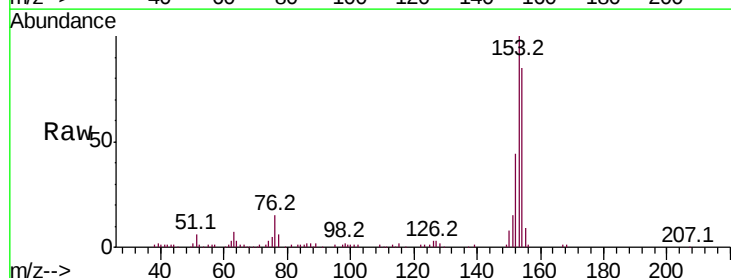
Tgt Ion:154 Resp: 73686

Ion Ratio Lower Upper

154 100

153 118.0 90.1 135.1

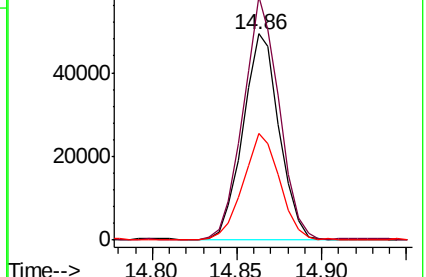
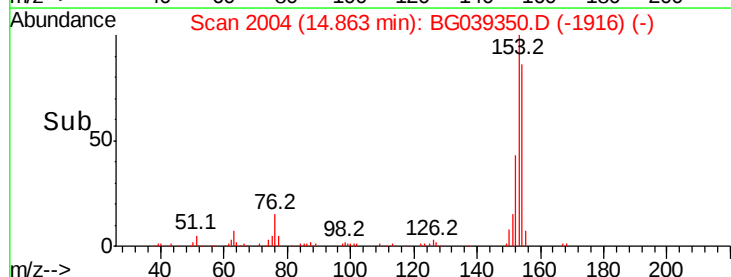
152 51.5 40.9 61.3

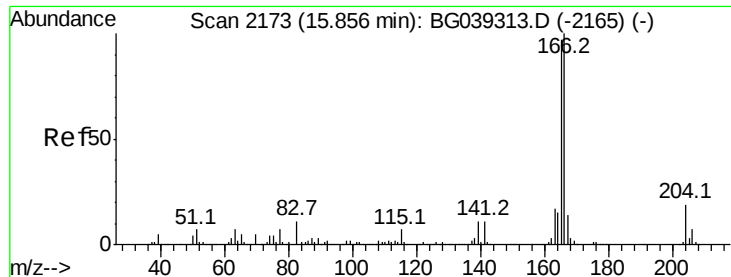


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

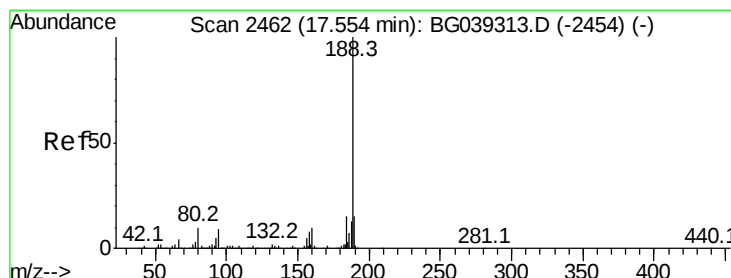
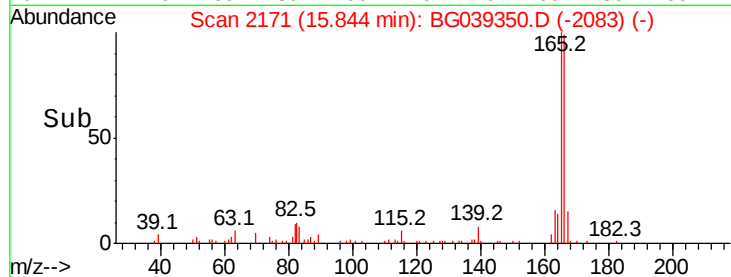
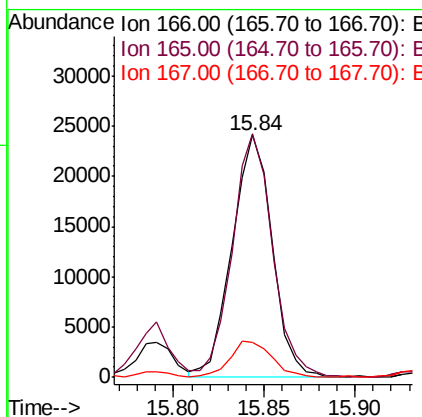
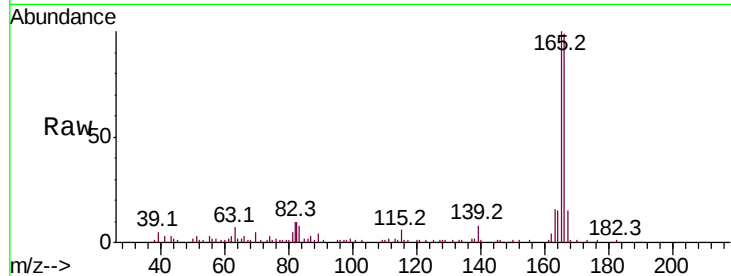




#58
 Fluorene
 Concen: 3.755 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG039350.D
 Acq: 1 Feb 2019 19:52

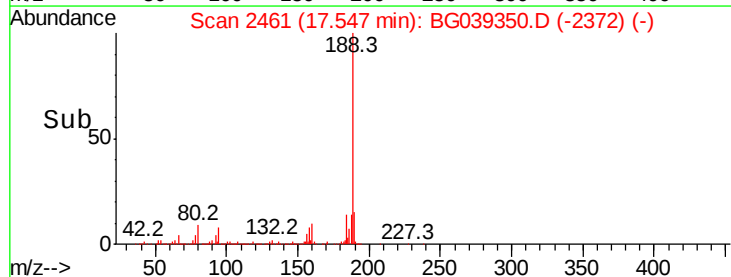
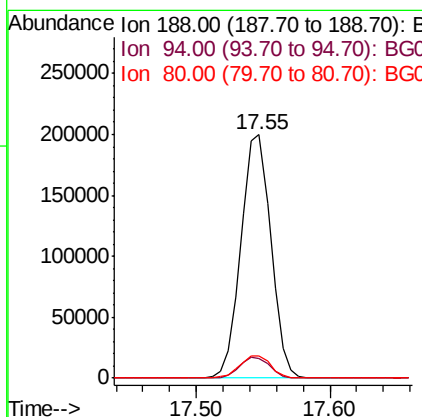
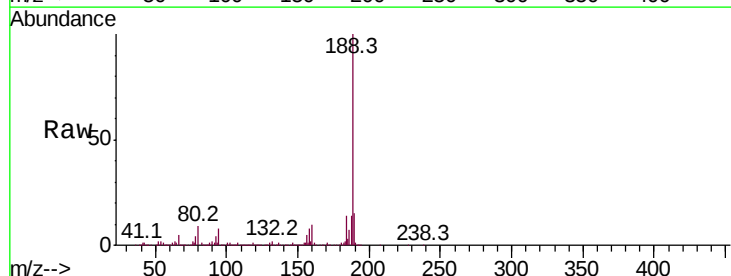
Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACH-AMND-COMP-1

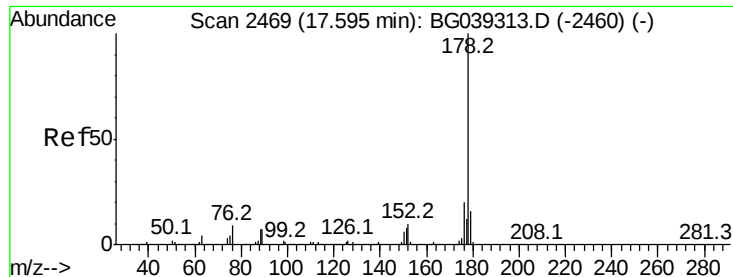
Tot Ion:166 Resp: 36912
 Ion Ratio Lower Upper
 166 100
 165 100.7 77.9 116.9
 167 14.6 10.8 16.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.55 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BG039350.D
 Acq: 1 Feb 2019 19:52

Tgt Ion:188 Resp: 308831
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.9 10.3
 80 8.9 8.1 12.1

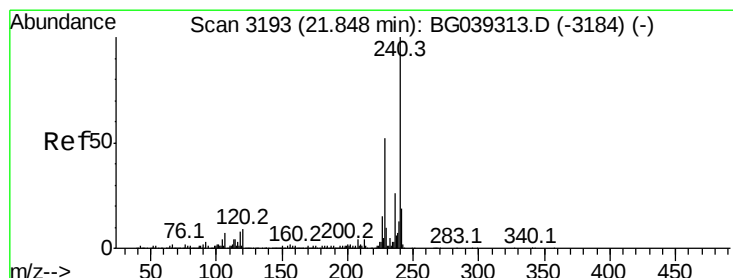
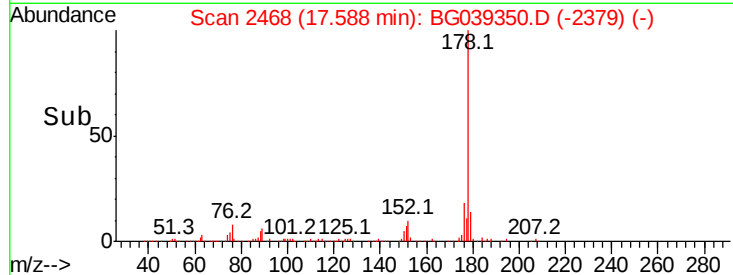
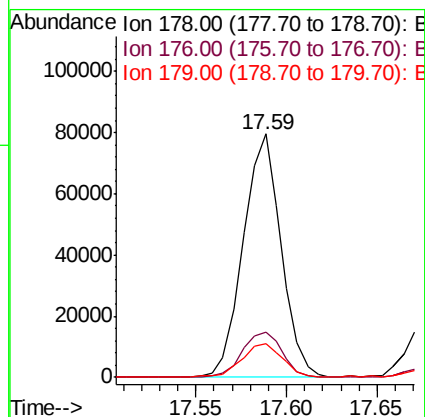
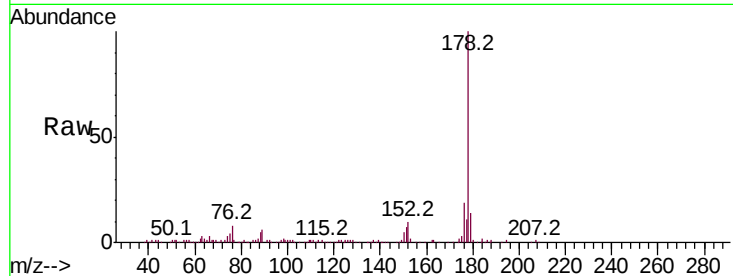




#71
Phenanthrene
Concen: 7.236 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

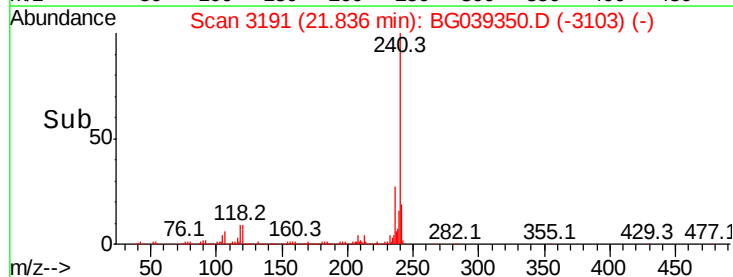
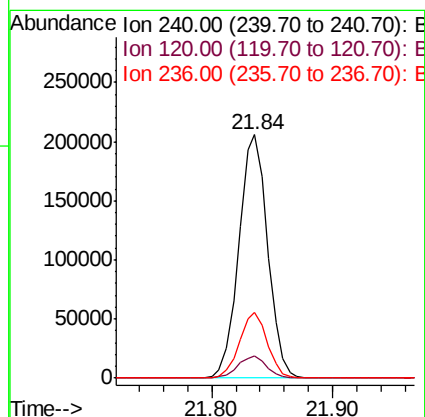
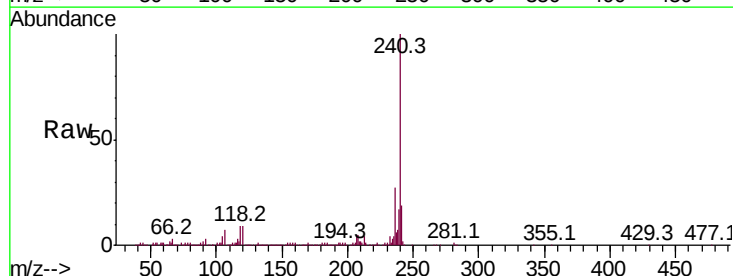
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-1

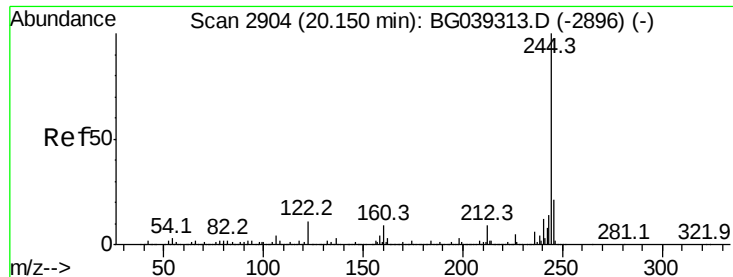
Tot Ion:178 Resp: 115660
Ion Ratio Lower Upper
178 100
176 18.6 16.2 24.4
179 14.0 12.6 19.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

Tgt Ion:240 Resp: 341901
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 27.1 21.0 31.4





#79

Terphenyl-d14

Concen: 79.122 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039350.D

Acq: 1 Feb 2019 19:52

Instrument :

BNA_G

ClientSampleId :

SPLP-LEACH-AMND-COMP-1

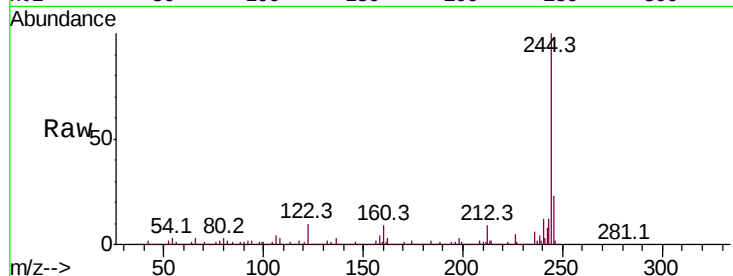
Tot Ion:244 Resp: 1278036

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

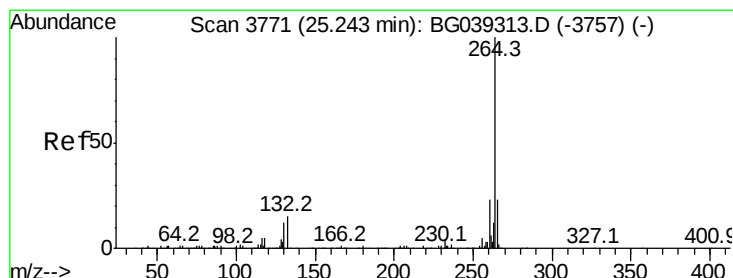
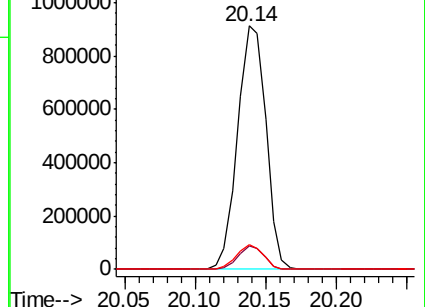
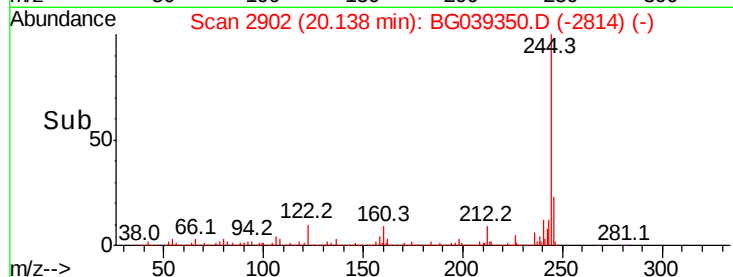
122 10.4 8.4 12.6



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: 25.23 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BG039350.D

Acq: 1 Feb 2019 19:52

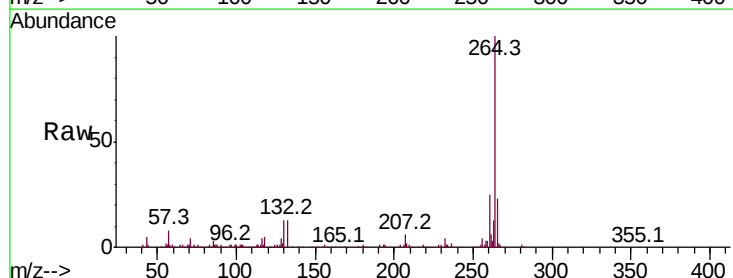
Tgt Ion:264 Resp: 358579

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 22.5 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

