

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
 Data File : BG039351.D
 Acq On : 1 Feb 2019 20:31
 Operator : JU/SJ
 Sample : K1299-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACH-AMND-COMP-2

Manual Integrations
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Quant Time: Feb 02 02:05:52 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	48498	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	205154	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	133133	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	308553	20.00	ng	0.00
76) Chrysene-d12	21.83	240	332473	20.00	ng	-0.02
87) Perylene-d12	25.22	264	347240	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	175262	61.85	ng	0.00
7) Phenol-d6	7.31	99	152528	36.57	ng	0.00
23) Nitrobenzene-d5	9.36	82	375527	114.35	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	223159	155.66	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	919962	99.13	ng	0.00
79) Terphenyl-d14	20.14	244	1279076	81.43	ng	0.00
Target Compounds						
10) Phenol	7.33	94	20447	4.703	ng	95
31) Naphthalene	11.05	128	52807	5.189	ng	99
37) 2-Methylnaphthalene	12.64	142	20611m	2.734	ng	
38) 1-Methylnaphthalene	12.86	142	26839	3.694	ng	99
50) Dimethylphthalate	14.24	163	41835	3.891	ng	99
52) Acenaphthene	14.87	154	31350	3.841	ng	98
71) Phenanthrene	17.59	178	50021	3.132	ng	97

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

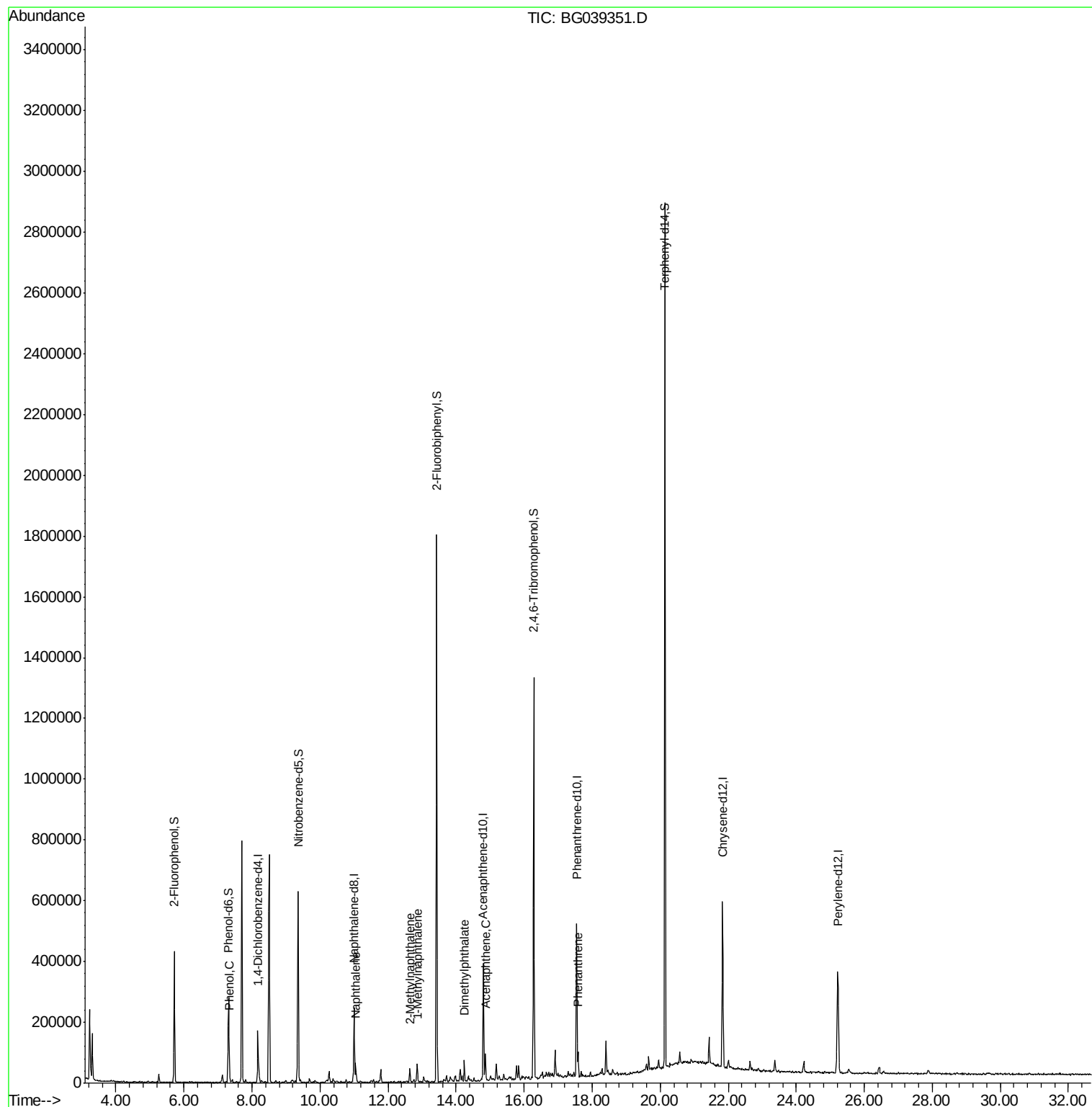
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
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Sample : K1299-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

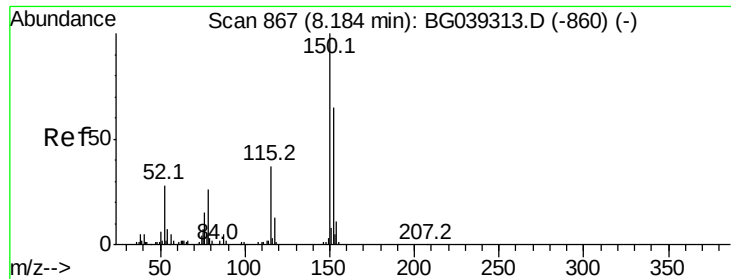
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-2

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Quant Time: Feb 02 02:05:52 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





#1

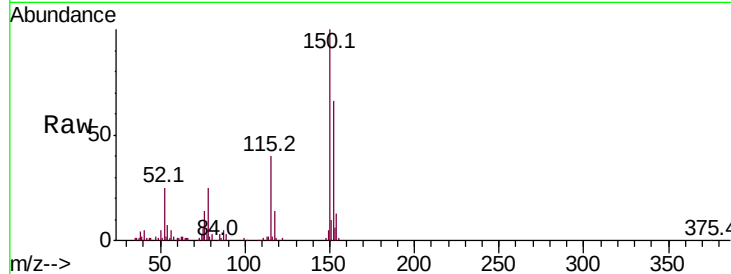
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	123.7	185.5
115	60.6	45.9	68.9

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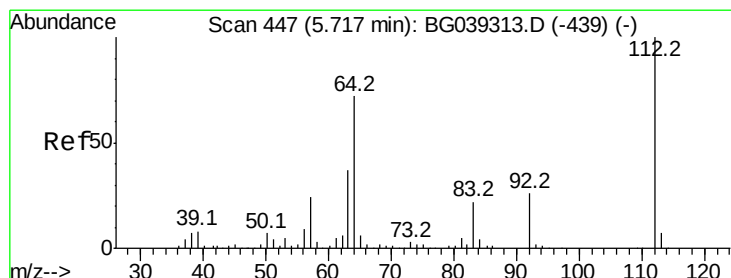
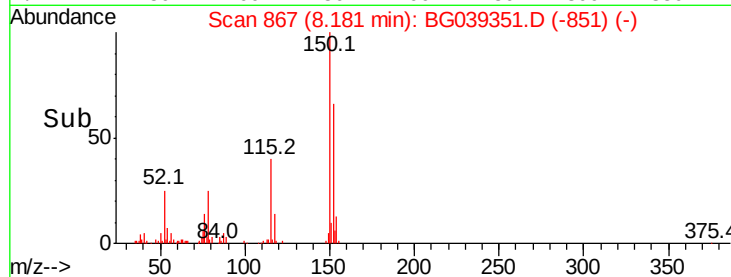
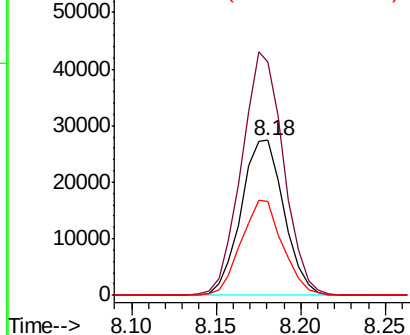


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

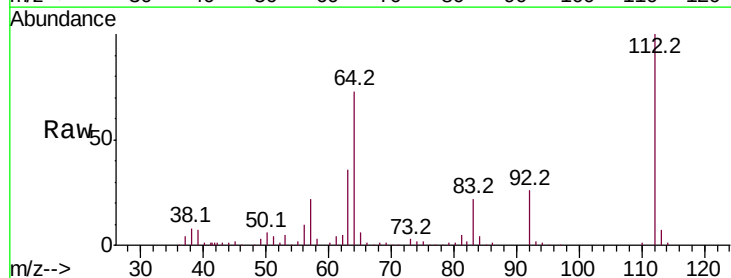
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.850 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.5	57.8	86.8
63	36.1	29.8	44.6

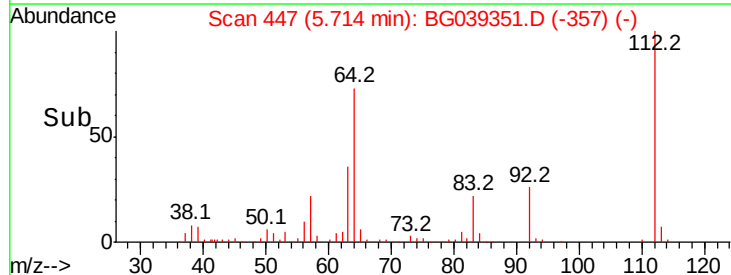
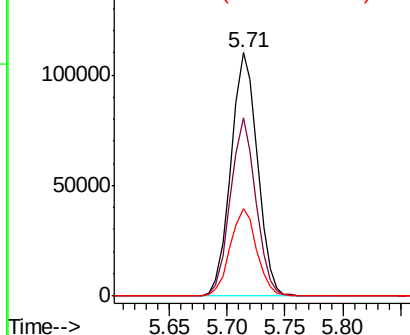


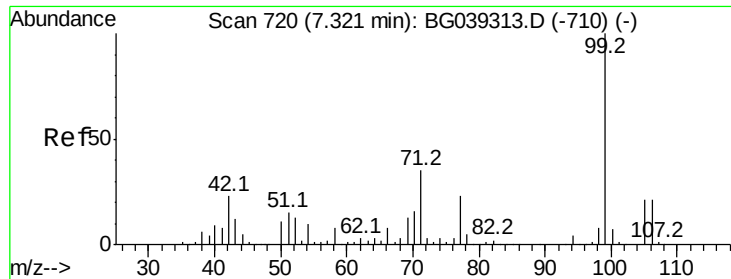
Abundance

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: 36.568 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039351.D

Acq: 1 Feb 2019 20:31

Instrument :

BNA_G

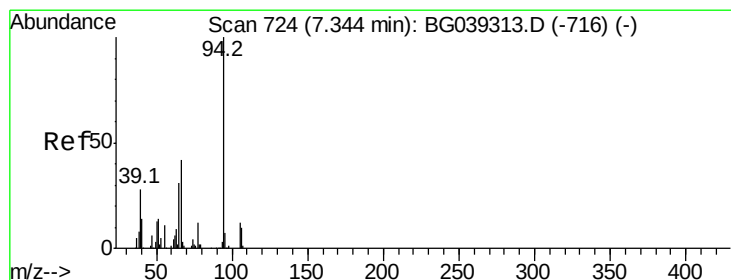
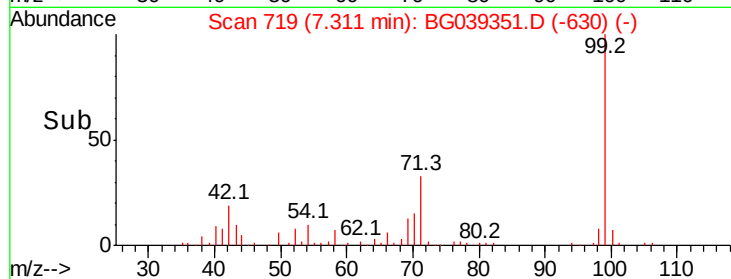
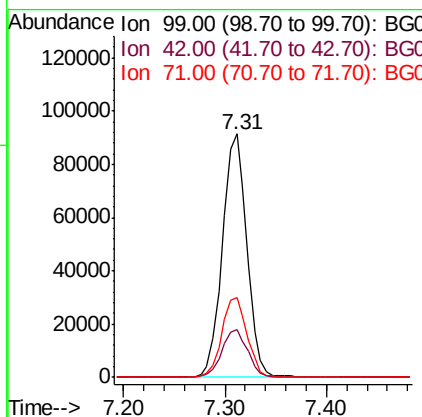
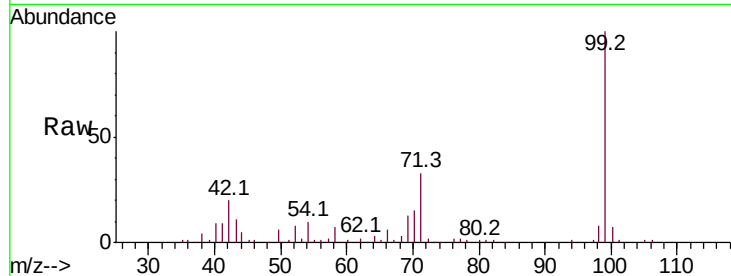
ClientSampleId :

SPLP-LEACH-AMND-COMP-2

Tot Ion:	99	Resp:	152528
Ion Ratio	Lower	Upper	
99	100		
42	19.6	18.2	27.2
71	32.7	28.0	42.0

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#10

Phenol

Concen: 4.703 ng

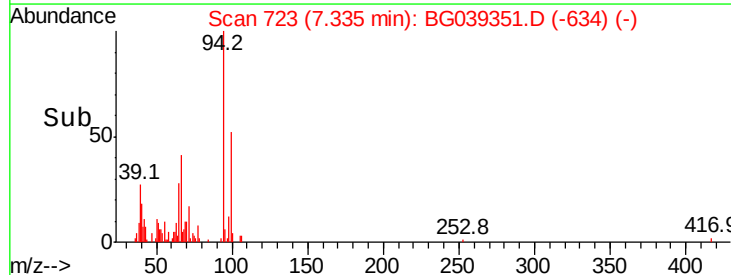
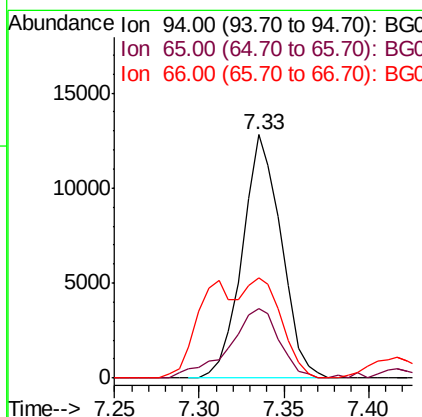
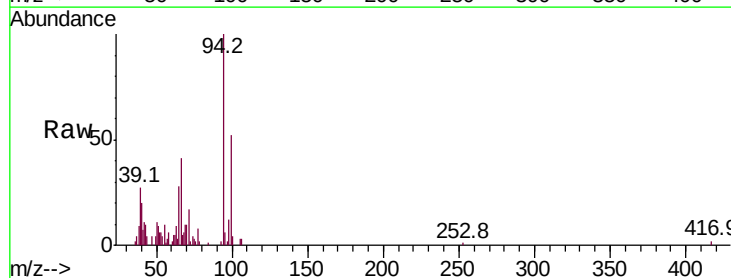
RT: 7.33 min Scan# 723

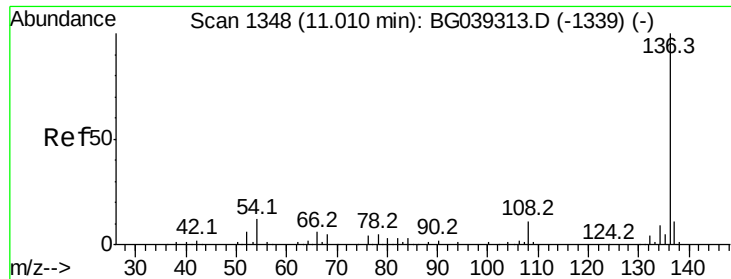
Delta R.T. -0.01 min

Lab File: BG039351.D

Acq: 1 Feb 2019 20:31

Tgt Ion:	94	Resp:	20447
Ion Ratio	Lower	Upper	
94	100		
65	28.4	11.7	51.7
66	41.0	23.7	63.7





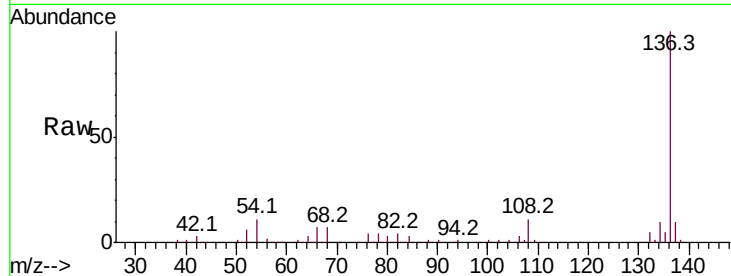
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-2

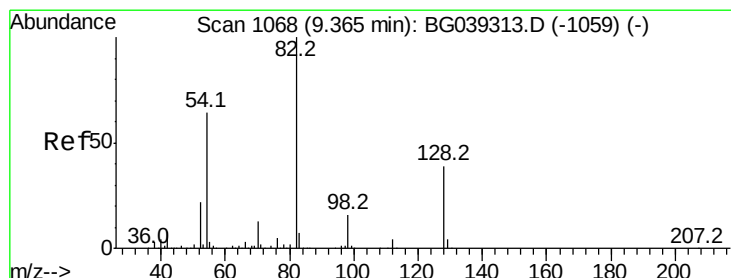
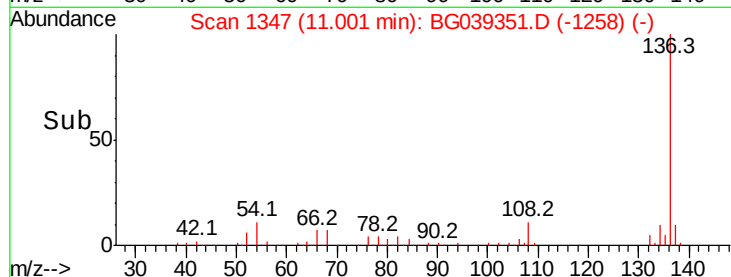
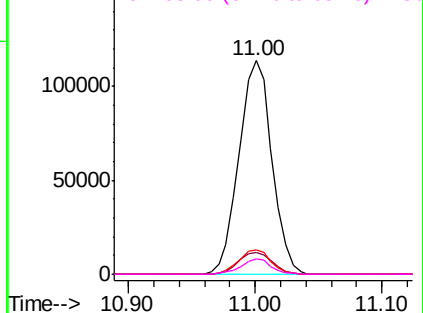
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.1	9.1	13.7
54	11.2	9.4	14.2
68	7.0	4.2	6.4

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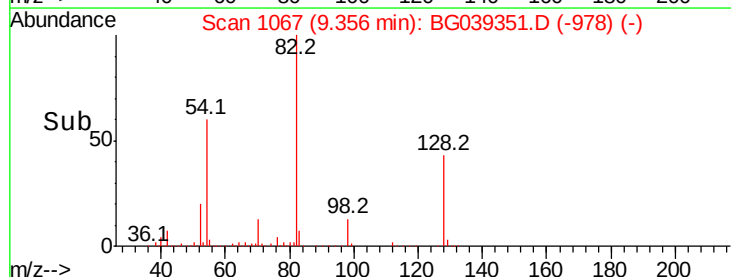
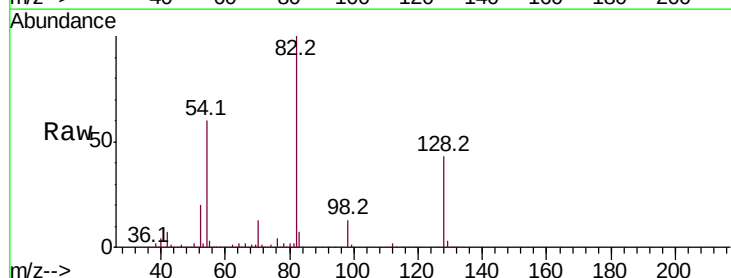
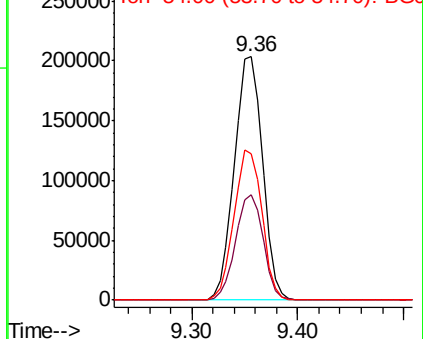
Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

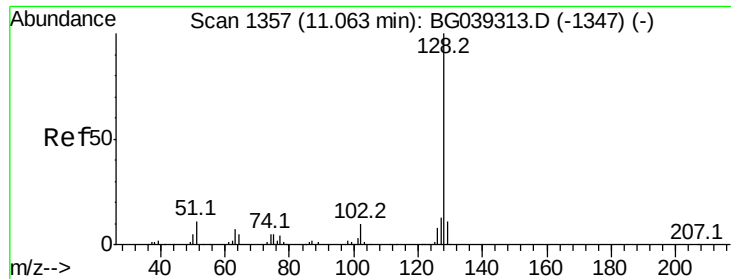


#23
Nitrobenzene-d5
Concen: 114.352 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.3	31.3	46.9
54	60.4	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





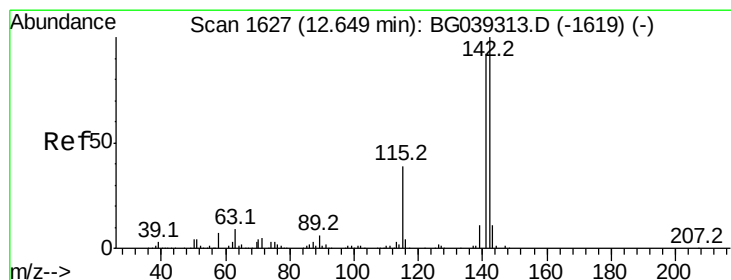
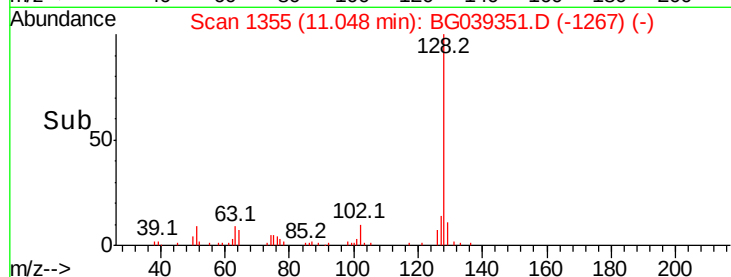
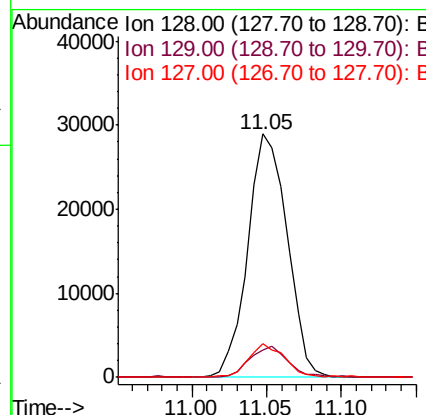
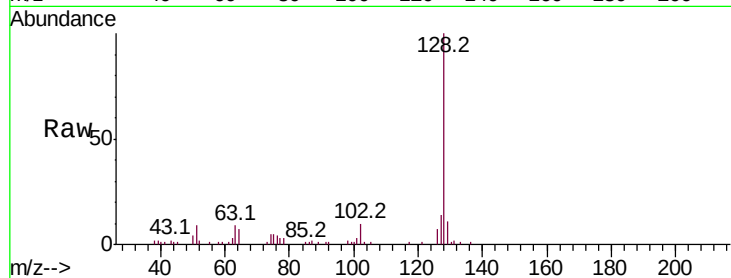
#31
Naphthalene
Concen: 5.189 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	14.1	10.8	16.2

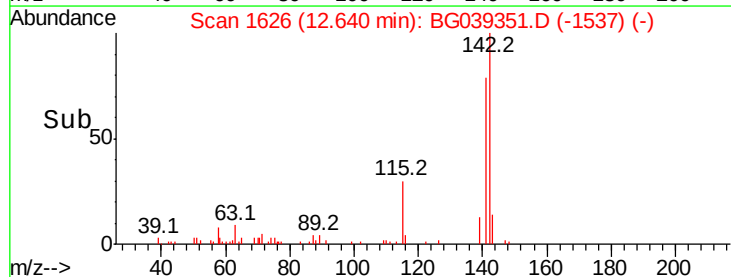
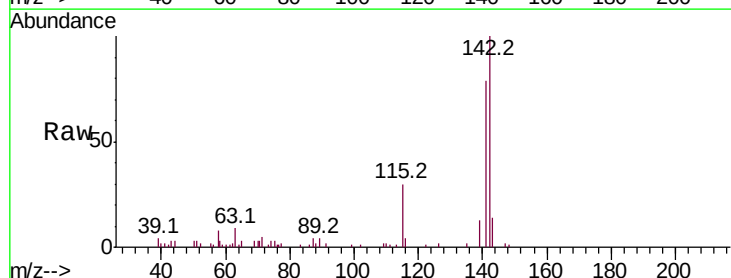
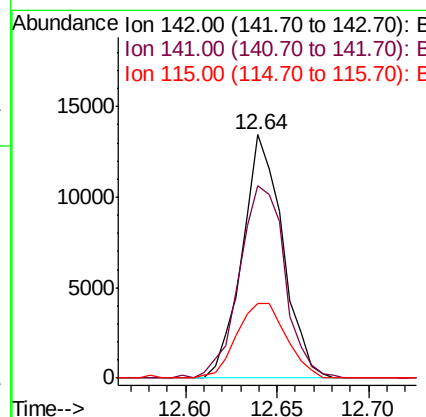
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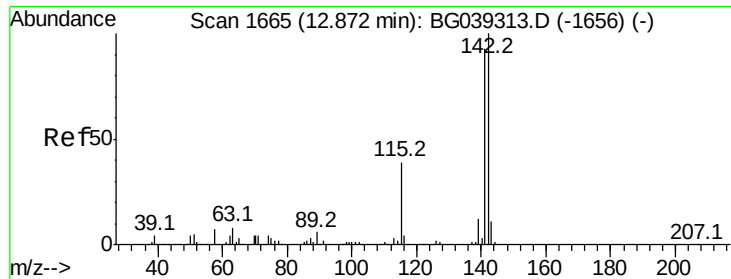
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#37
2-Methylnaphthalene
Concen: 2.734 ng m
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	78.8	73.5	110.3
115	30.4	30.8	46.2#





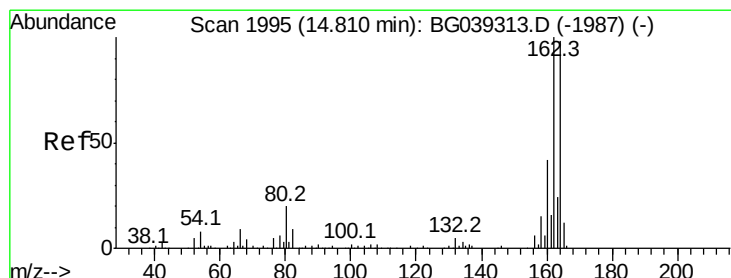
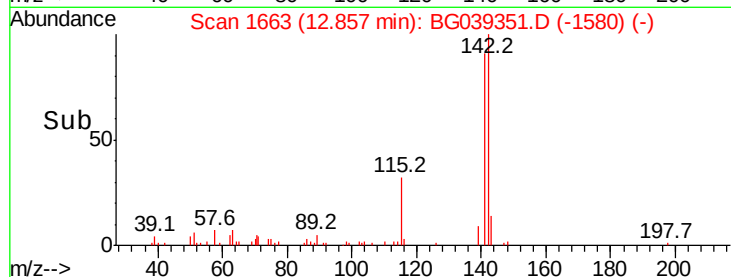
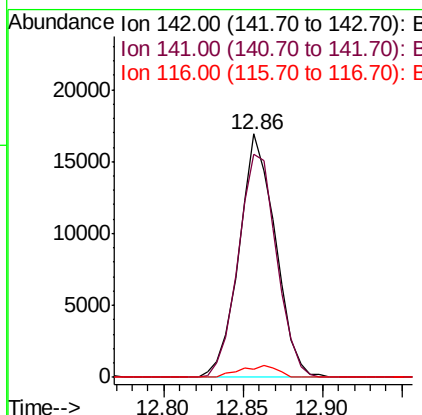
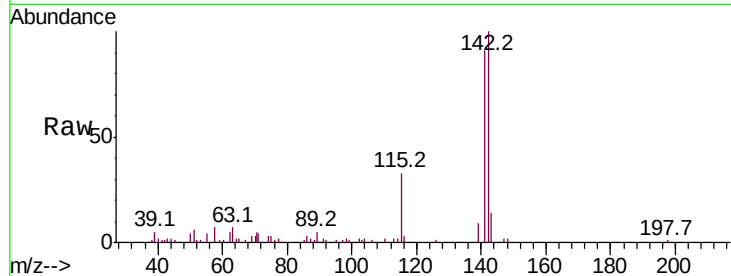
#38
1-Methylnaphthalene
Concen: 3.694 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-2

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.2	111.4
116	3.2	3.0	4.6

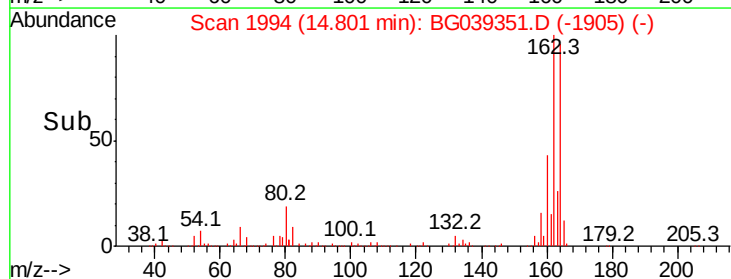
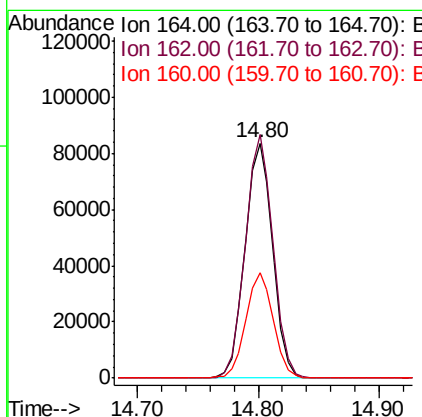
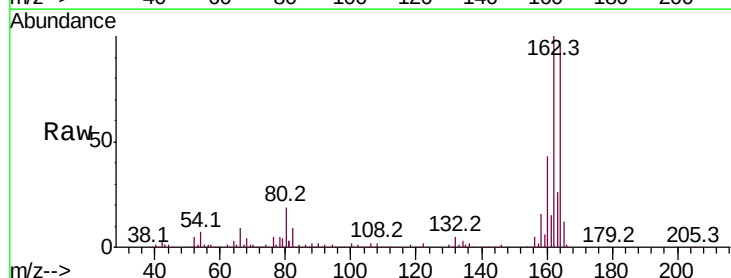
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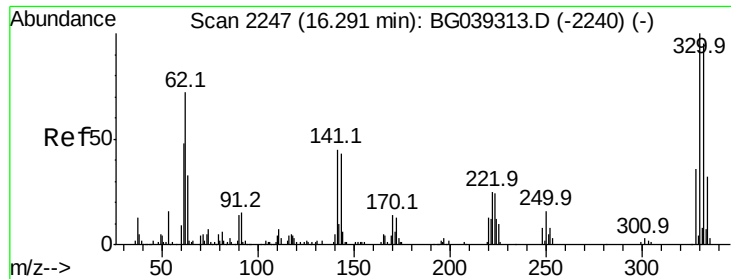
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.6	122.4
160	44.7	34.2	51.2





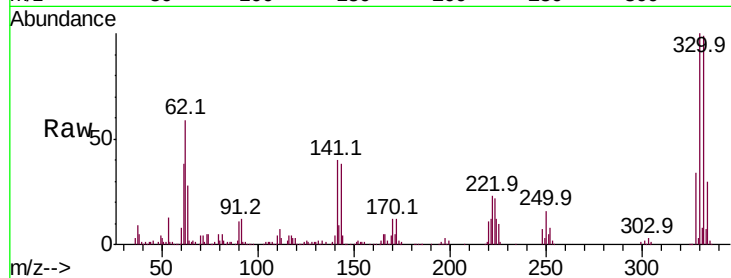
#42
 2,4,6-Tribromophenol
 Concen: 155.662 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BG039351.D
 Acq: 1 Feb 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACH-AMND-COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	75.7	113.5	
141	43.6	35.6	53.4	

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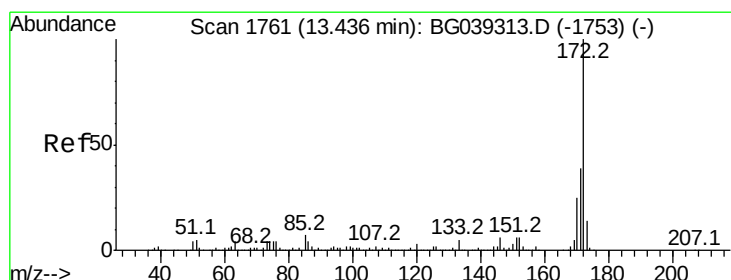
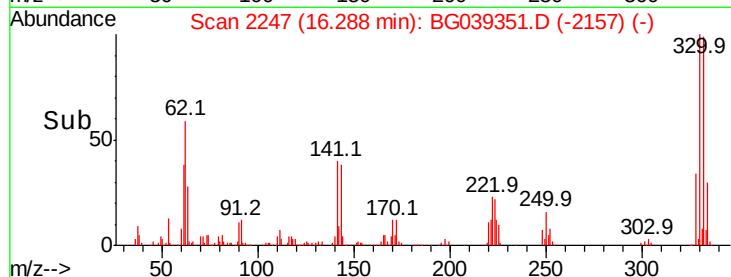
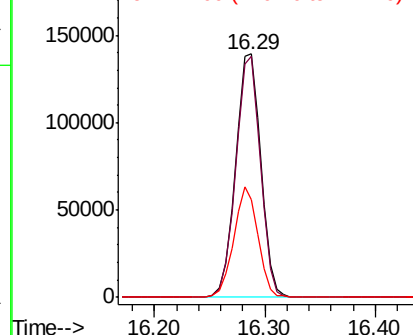


Abundance

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: 99.129 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039351.D
 Acq: 1 Feb 2019 20:31

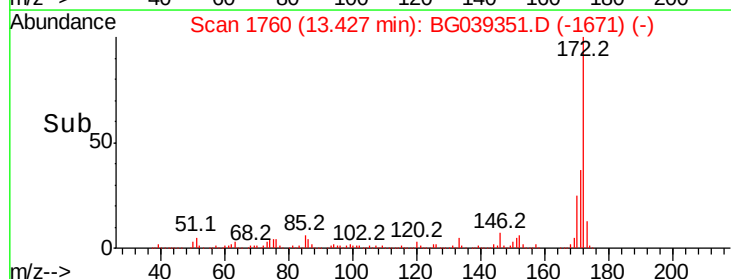
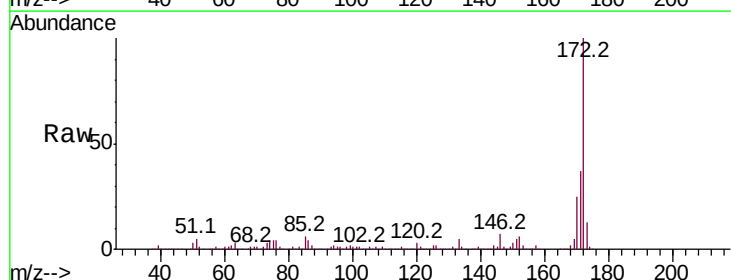
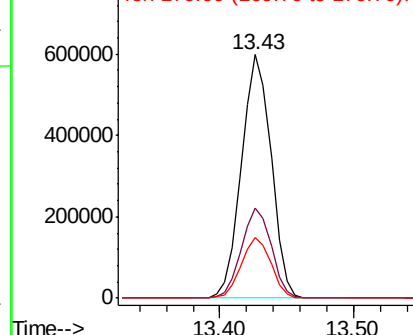
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.8	30.8	46.2	
170	25.1	20.2	30.4	

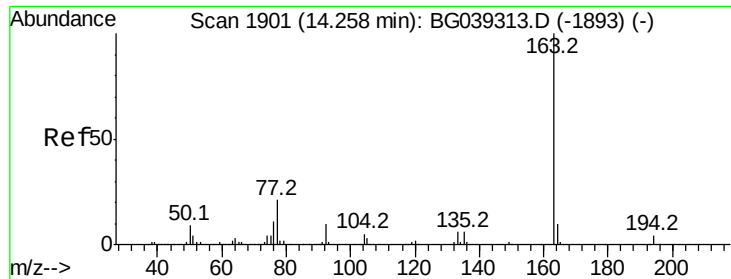
Abundance

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: 3.891 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG039351.D

Acq: 1 Feb 2019 20:31

Instrument :

BNA_G

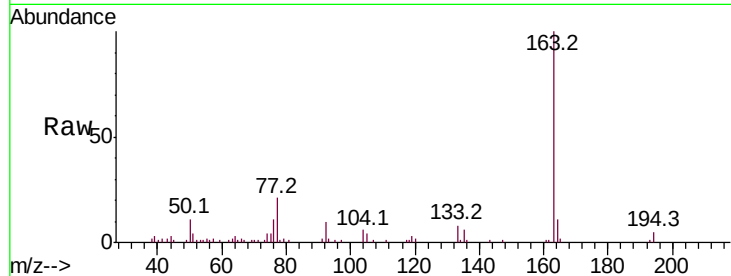
ClientSampleId :

SPLP-LEACH-AMND-COMP-2

Tot Ion:	163	Resp:	41835
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.7	8.4	12.6

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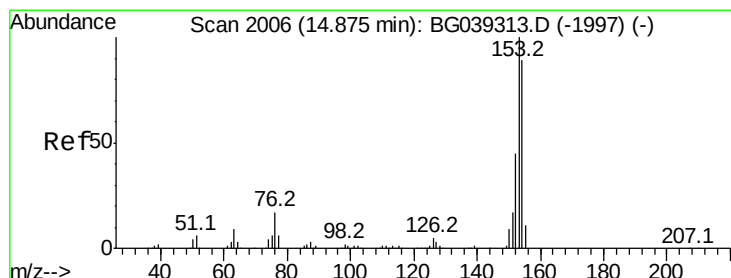
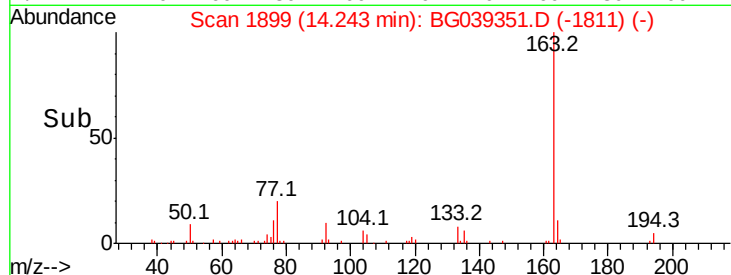
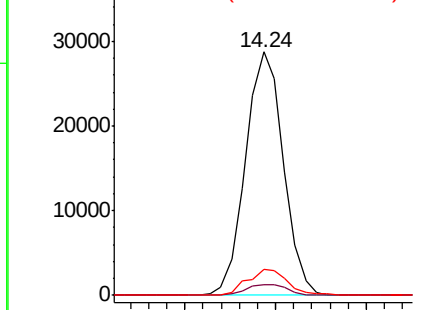


Abundance

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: 3.841 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG039351.D

Acq: 1 Feb 2019 20:31

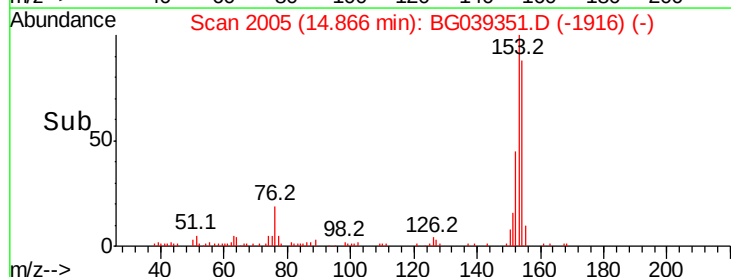
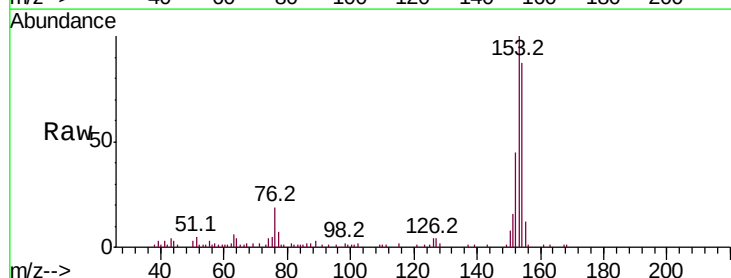
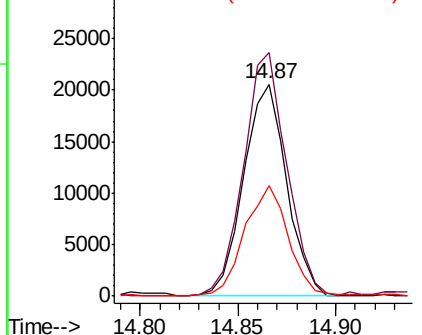
Tgt Ion:	154	Resp:	31350
Ion Ratio	Lower	Upper	
154	100		
153	114.8	90.1	135.1
152	52.0	40.9	61.3

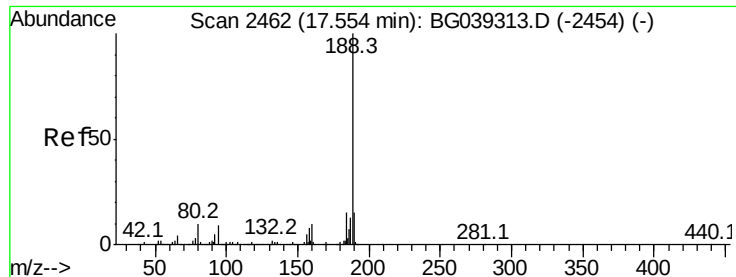
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039351.D

Acq: 1 Feb 2019 20:31

Instrument :

BNA_G

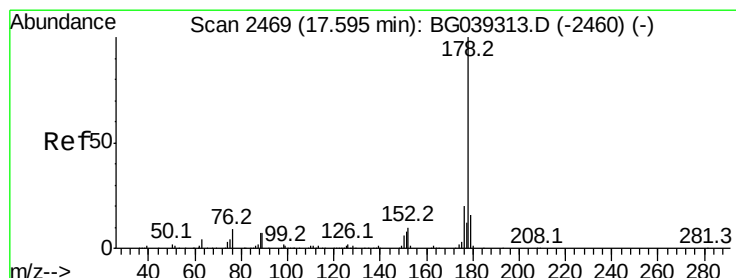
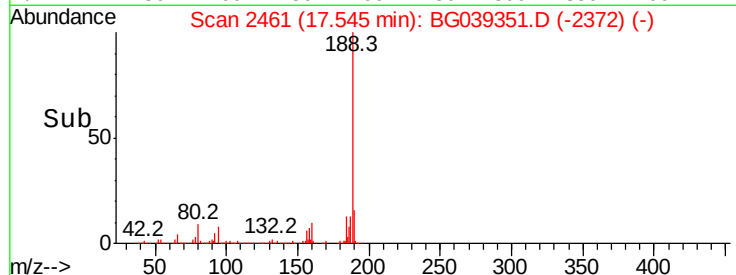
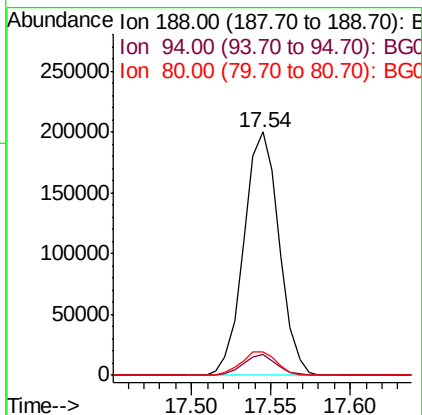
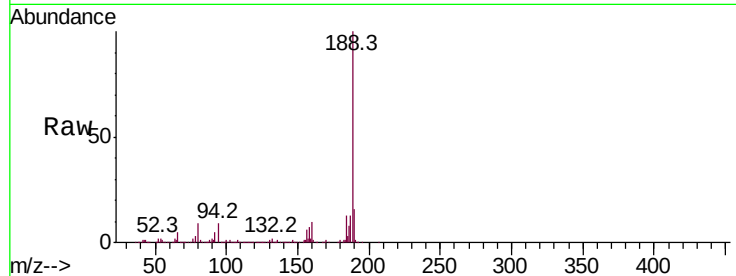
ClientSampleId :

SPLP-LEACH-AMND-COMP-2

Tot Ion:	188	Resp:	308553
Ion Ratio	Lower	Upper	
188	100		
94	8.6	6.9	10.3
80	9.4	8.1	12.1

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#71

Phenanthrene

Concen: 3.132 ng

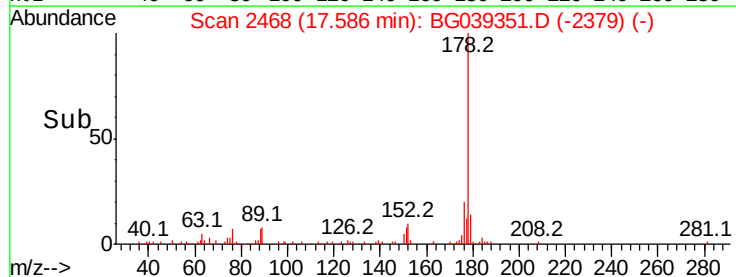
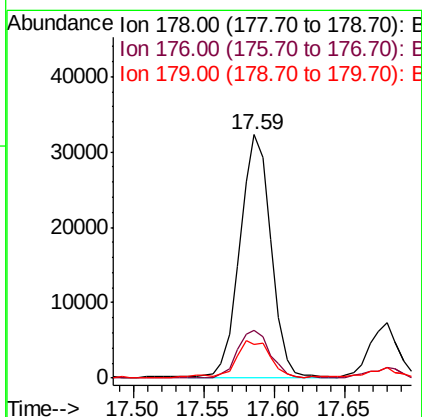
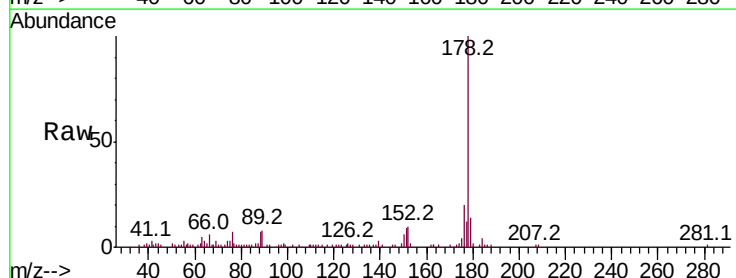
RT: 17.59 min Scan# 2468

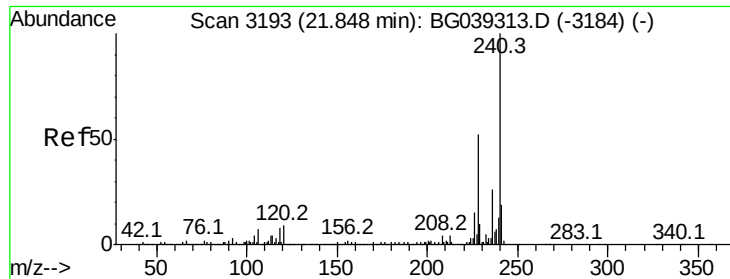
Delta R.T. -0.01 min

Lab File: BG039351.D

Acq: 1 Feb 2019 20:31

Tgt Ion:	178	Resp:	50021
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.2	24.4
179	13.7	12.6	19.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.02 min

Lab File: BG039351.D

Acq: 1 Feb 2019 20:31

Instrument :

BNA_G

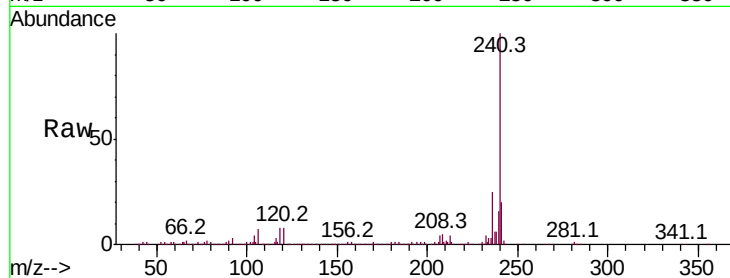
ClientSampleId :

SPLP-LEACH-AMND-COMP-2

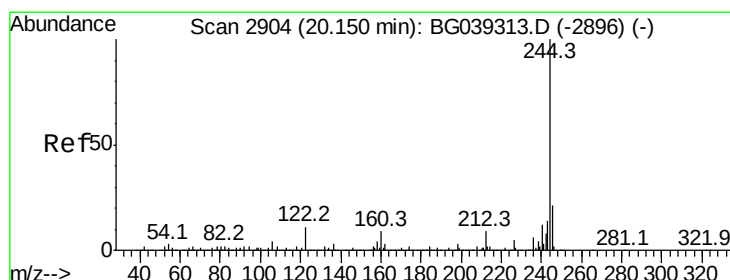
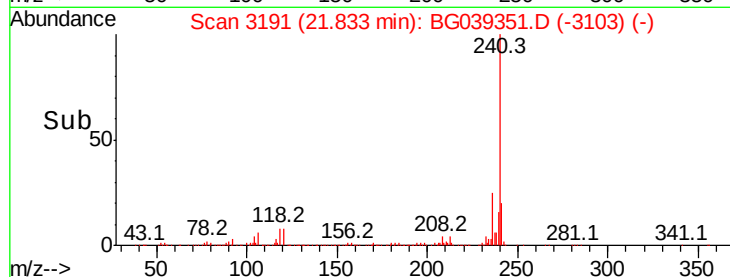
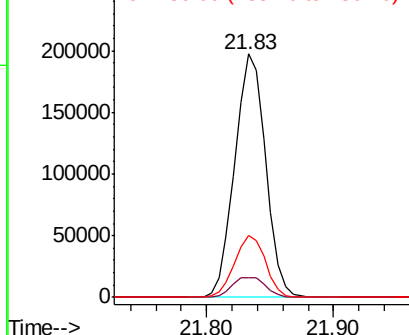
Tot Ion:	240	Resp:	332473
Ion Ratio	Lower	Upper	
240	100		
120	7.8	7.0	10.6
236	25.5	21.0	31.4

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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: 81.432 ng

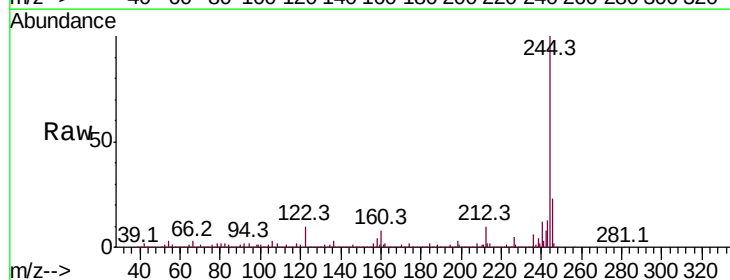
RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

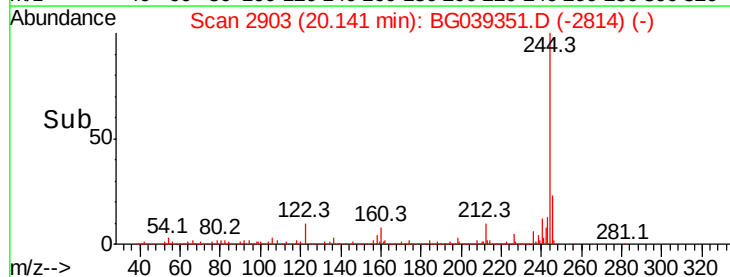
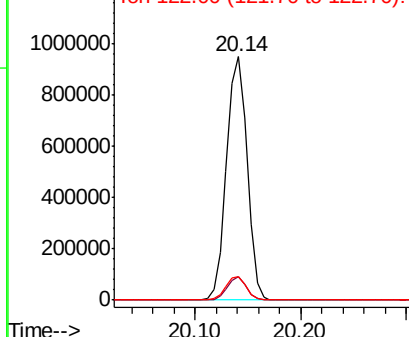
Lab File: BG039351.D

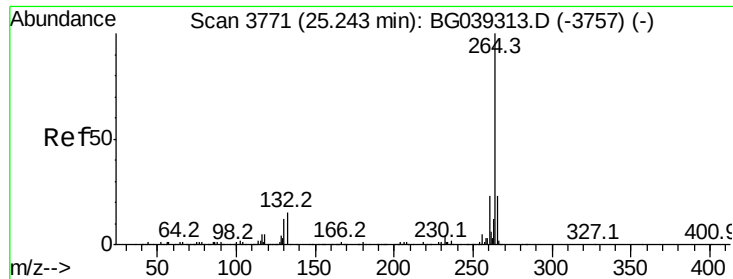
Acq: 1 Feb 2019 20:31

Tgt Ion:	244	Resp:	1279076
Ion Ratio	Lower	Upper	
244	100		
212	9.5	7.3	10.9
122	9.6	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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.22 min Scan# 3768
 Delta R.T. -0.02 min
 Lab File: BG039351.D
 Acq: 1 Feb 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACH-AMND-COMP-2

Tot Ion:	264	Resp:	347240
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.4
265	21.3	18.5	27.7

Manual Integrations
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