Quantitation Report (Not Reviewed)

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

Quant Time: Feb 02 01:04:17 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							Qvalue
9) Benzaldehyde	7.32	77	2996	Below Cal			84
10) Phenol	7.33	94	20447	4.703	ng		95
19) n-Nitroso-di-n-propylamine	9.35	70	48684	16.445	ng	#	74
31) Naphthalene	11.05	128	52807	5.189	ng		99
32) Benzoic acid	10.18	122	1730	9.750	ng		95
37) 2-Methylnaphthalene	12.86	142	26839	3.560	ng		97
38) 1-Methylnaphthalene	12.86	142	26839	3.694	ng		99
48) 2-Nitroaniline	13.91	65	72	8.321	ng	#	19
50) Dimethylphthalate	14.24	163	41835	3.891	ng		99
51) 2,6-Dinitrotoluene	14.24	165	573	6.805	ng	#	36
52) Acenaphthene	14.87	154	31350	3.841	ng		98
53) 3-Nitroaniline	14.70	138	67	5.820	ng	#	1
56) 4-Nitrophenol	15.45	139	124	5.853	ng		92
57) 2,4-Dinitrotoluene	14.80	165	18475	13.832	ng	#	19
62) 4-Nitroaniline	15.84	138	199	4.283	ng	#	40
65) 4,6-Dinitro-2-methylphenol	16.29	198	910	5.120	ng	#	1
67) 4-Bromophenyl-phenylether	16.28	248	17480	5.107	ng	#	1
71) Phenanthrene	17.59	178	50021	3.132	ng		97
77) Benzidine	20.14	184	23128	2.122	ng		96

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

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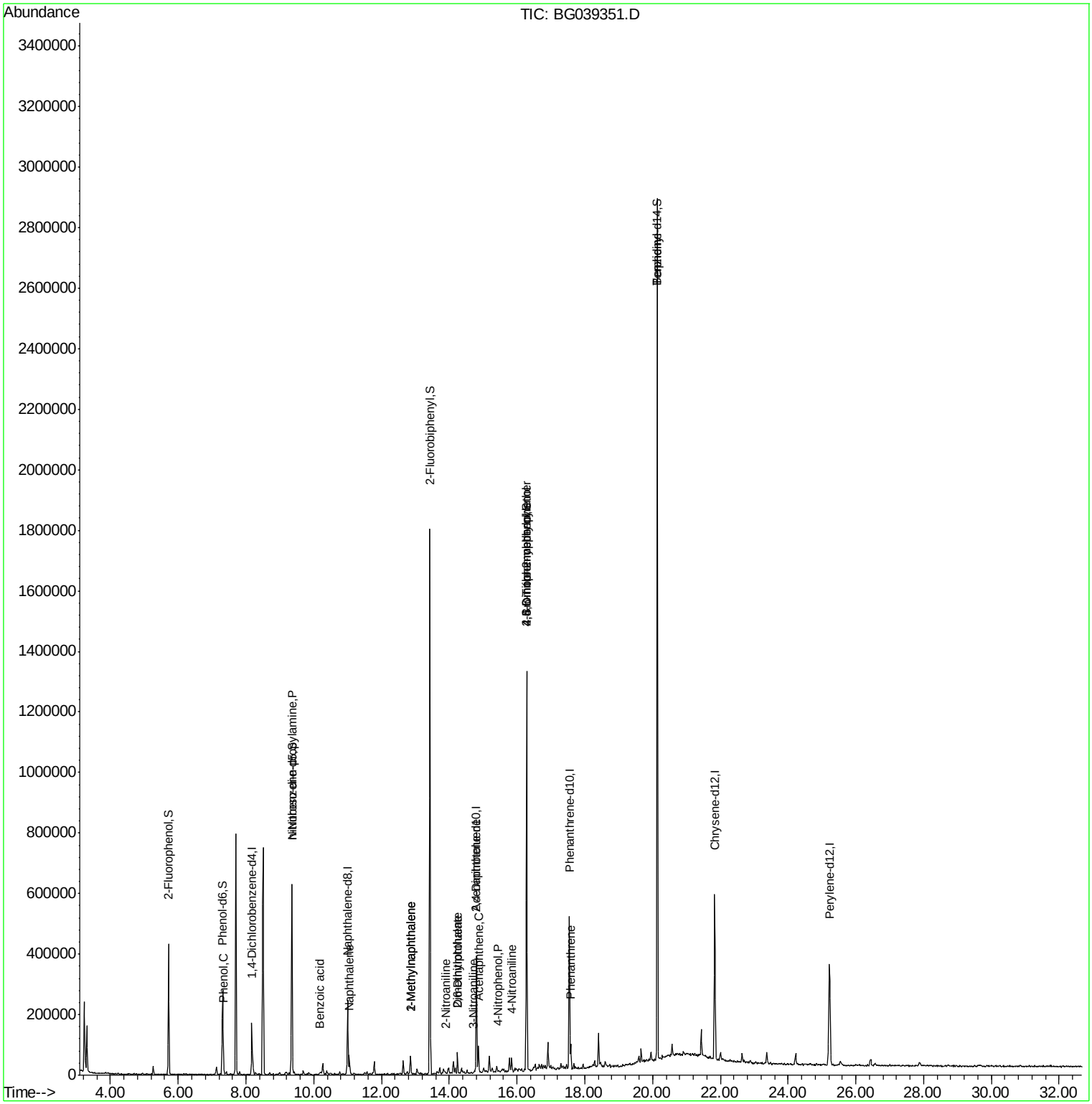
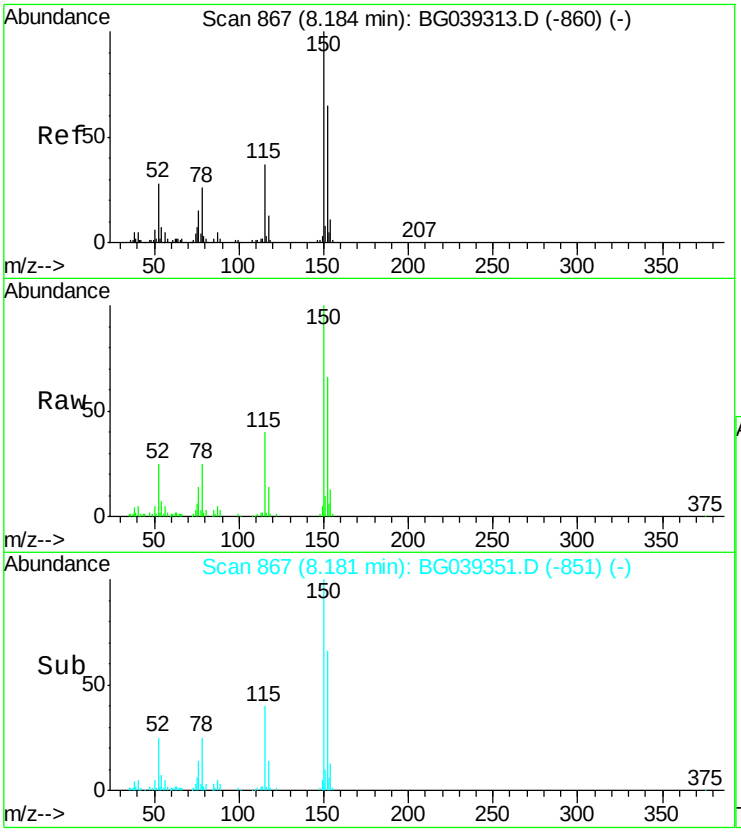


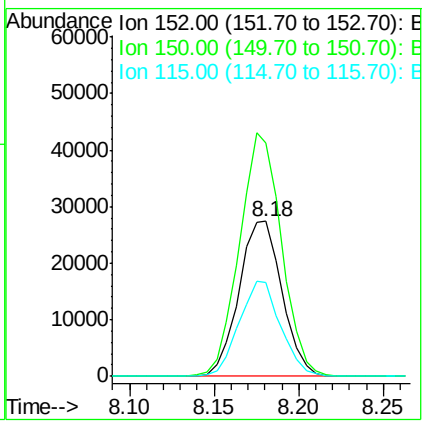


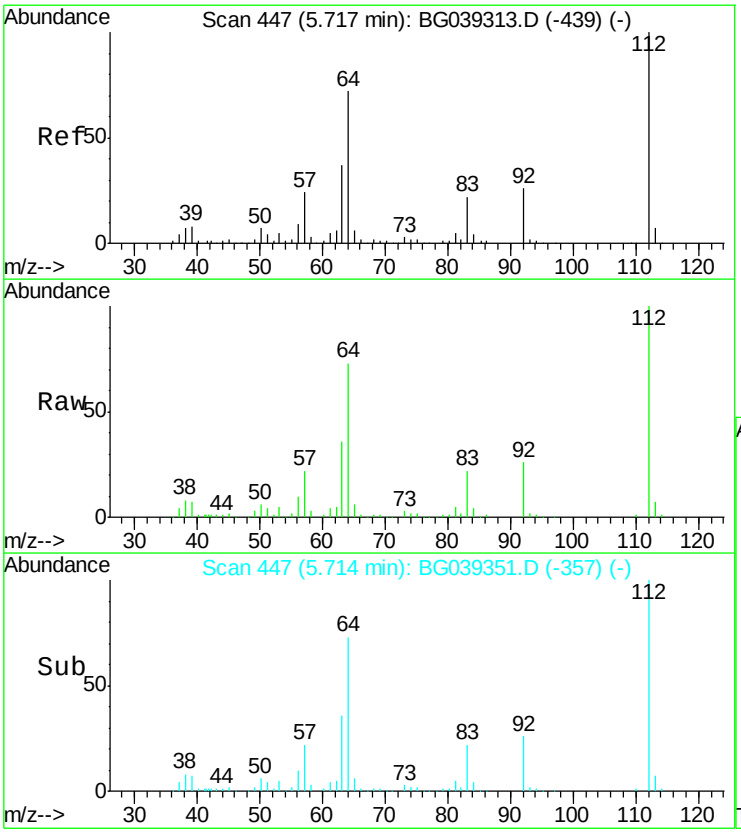
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion:152 Resp: 48498

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

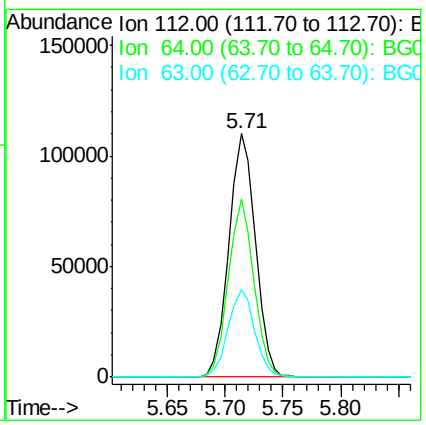


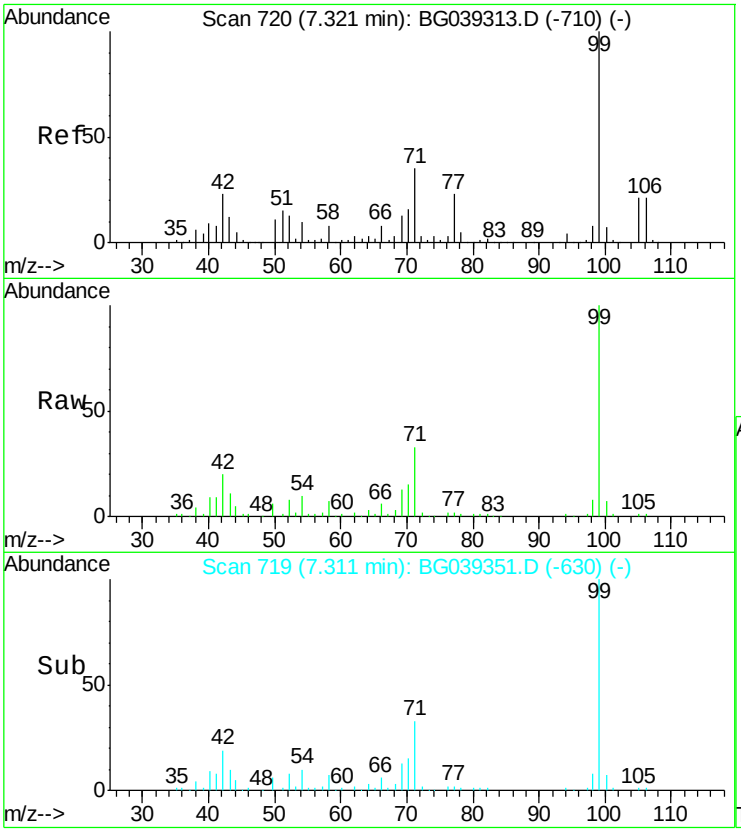


#5
2-Fluorophenol
Concen: 61.850 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion:112 Resp: 175262

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



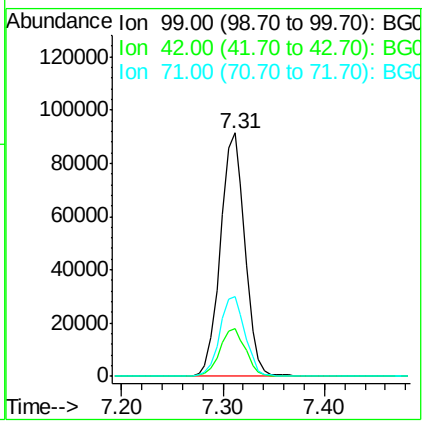


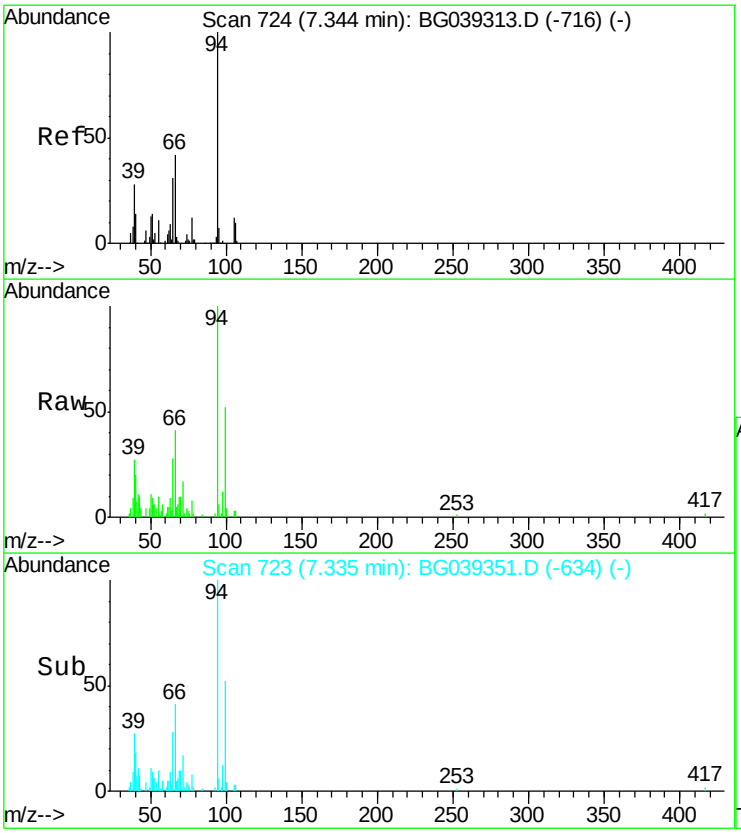
#7
Phenol-d6
Concen: 36.568 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion: 99 Resp: 152528

Ion	Ratio	Lower	Upper
99	100		
42	19.6	18.2	27.2
71	32.7	28.0	42.0

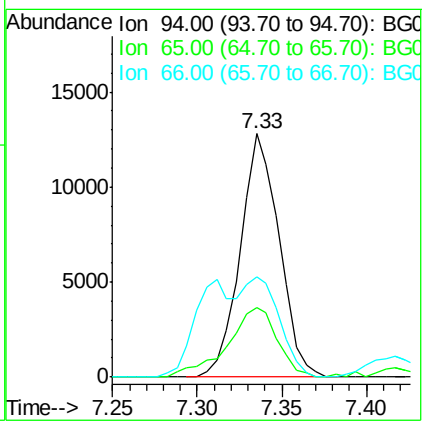


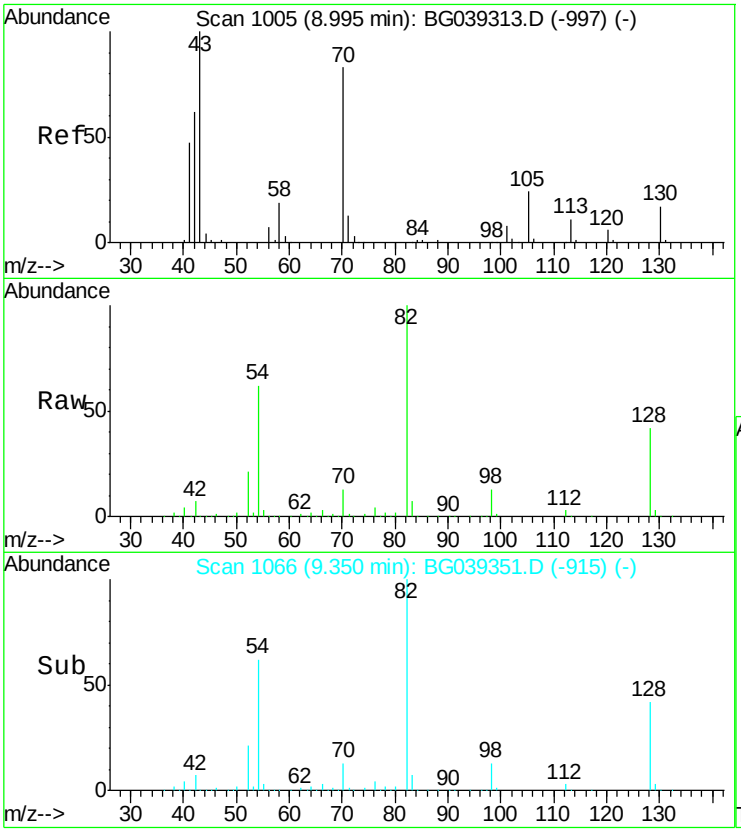


#10
Phenol
Concen: 4.703 ng
RT: 7.33 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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



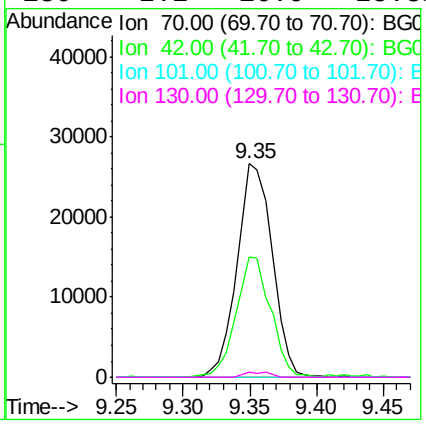


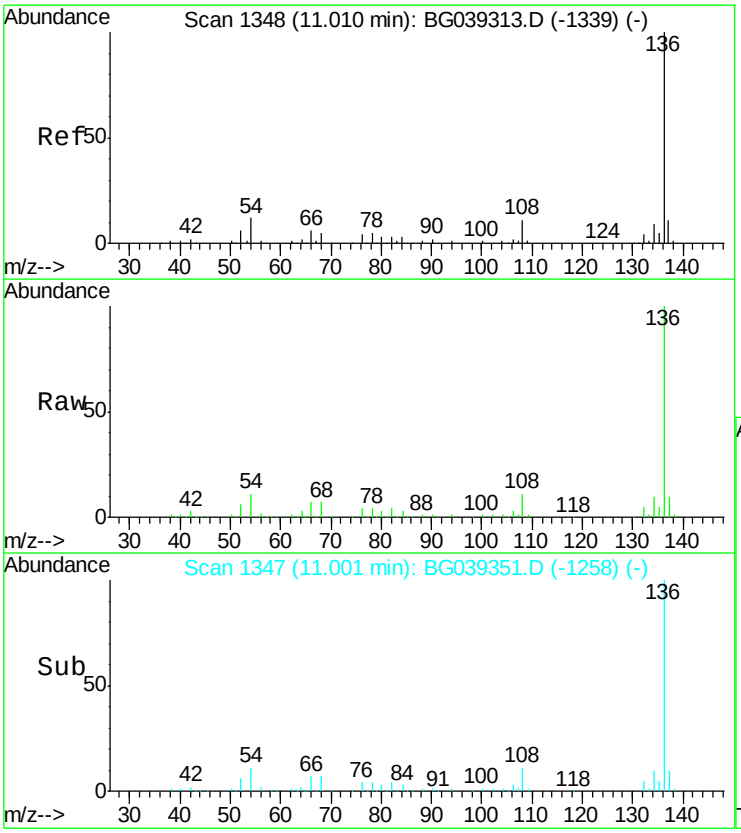
#19
n-Nitroso-di-n-propylamine
Concen: 16.445 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.36 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion: 70 Resp: 48684

Ion	Ratio	Lower	Upper
70	100		
42	56.3	60.4	90.6#
101	0.0	7.5	11.3#
130	2.2	16.9	25.3#

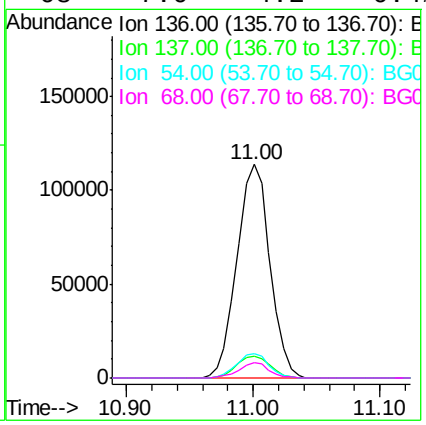


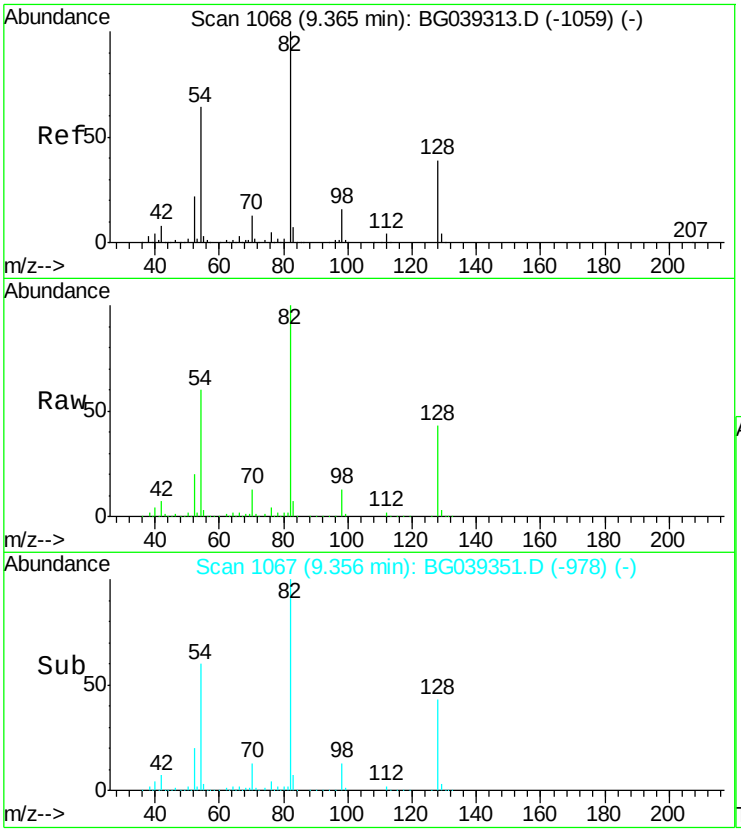


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion:136 Resp: 205154

Ion	Ratio	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#



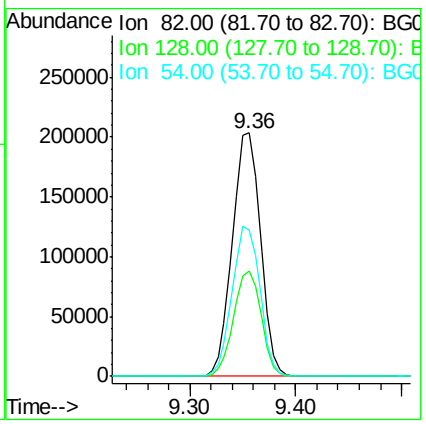


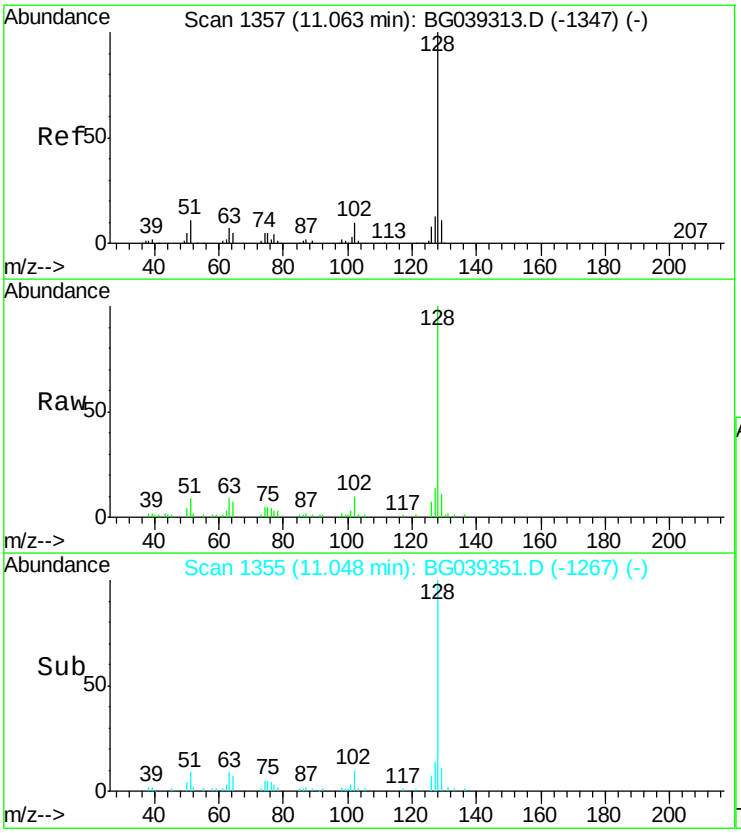
#23
Nitrobenzene-d5
Concen: 114.352 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion: 82 Resp: 375527

Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	60.4	50.9	76.3

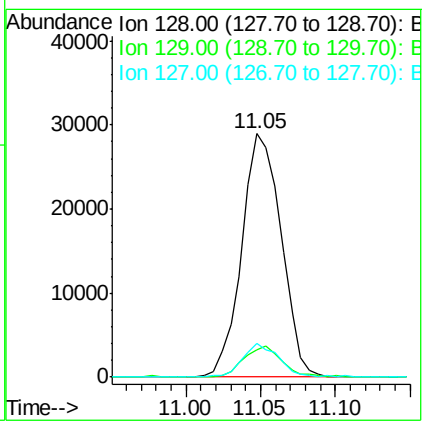


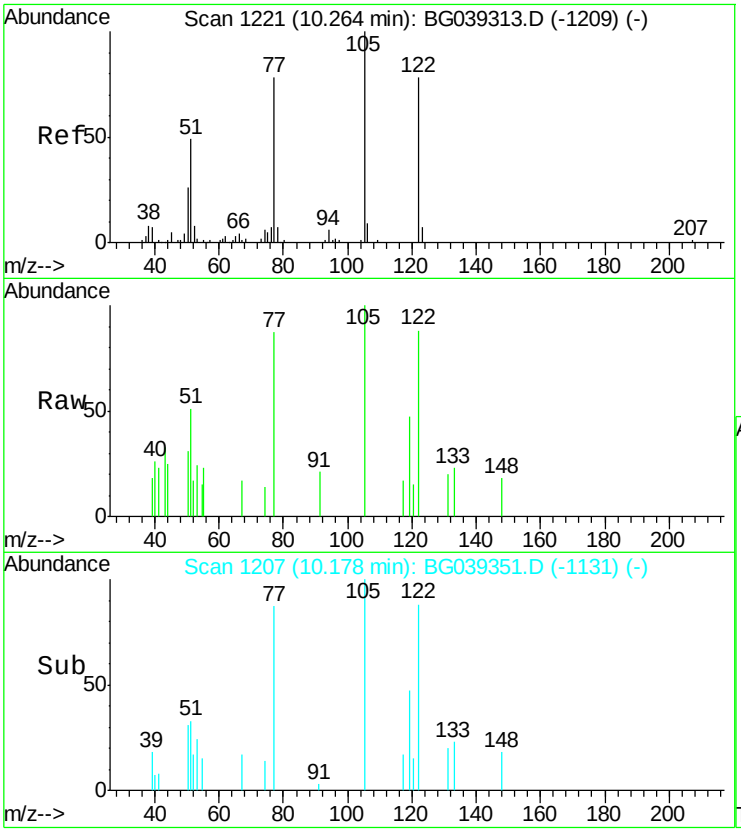


#31
Naphthalene
Concen: 5.189 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion:128 Resp: 52807

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



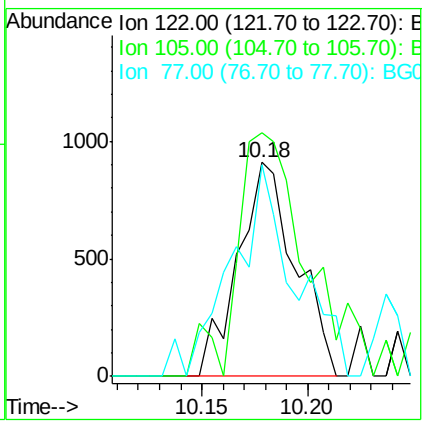


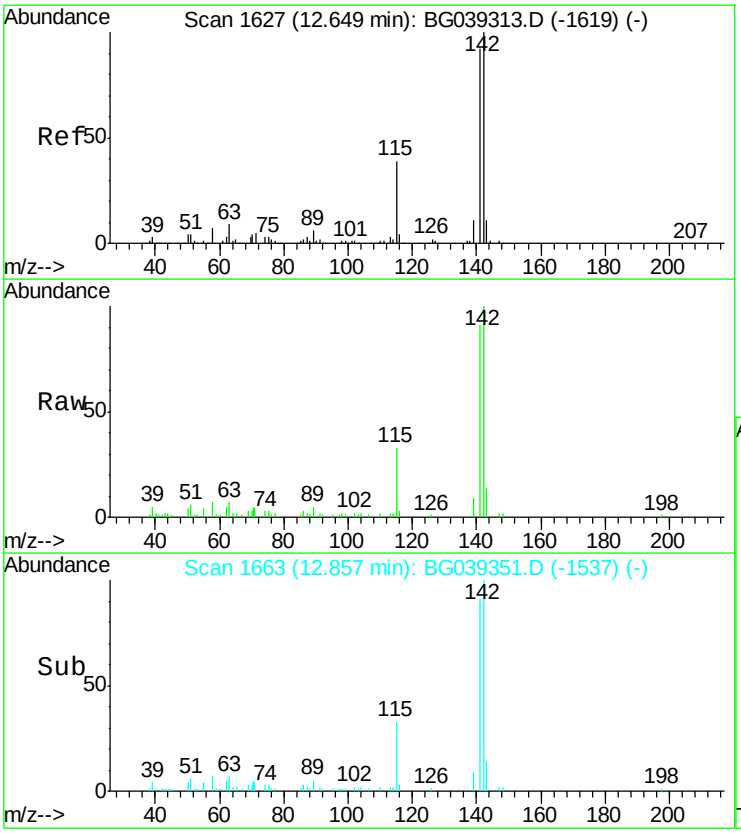
#32
Benzoic acid
Concen: 9.750 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.08 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion:122 Resp: 1730

Ion	Ratio	Lower	Upper
122	100		
105	113.8	101.8	141.8
77	99.0	76.3	116.3

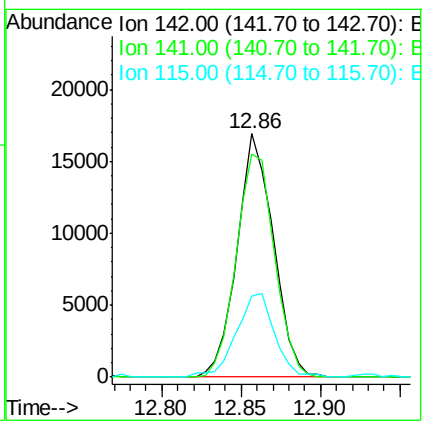


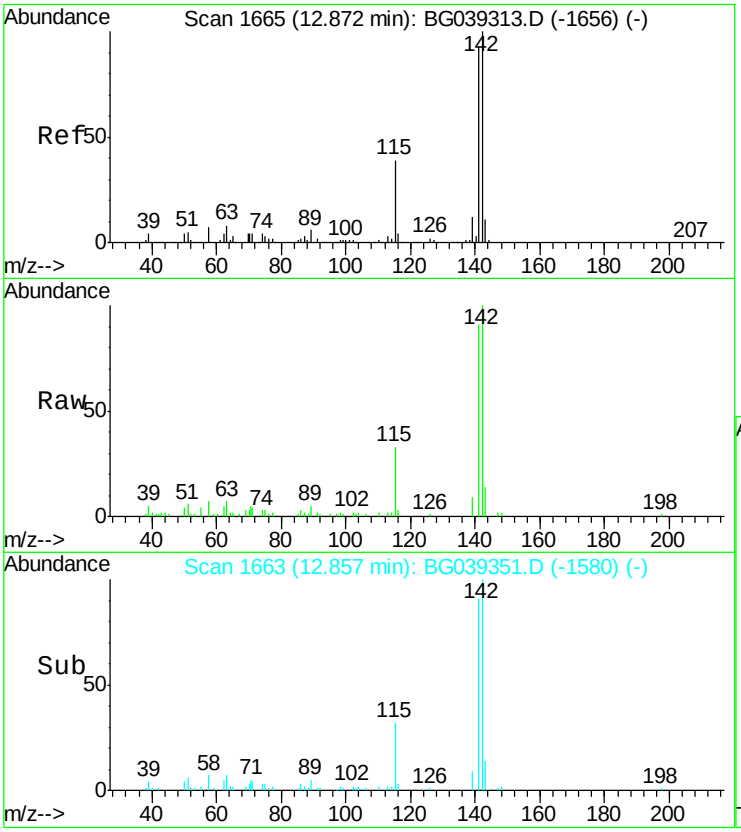


#37
2-Methylnaphthalene
Concen: 3.560 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.21 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion:142 Resp: 26839

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.5	110.3
115	33.3	30.8	46.2



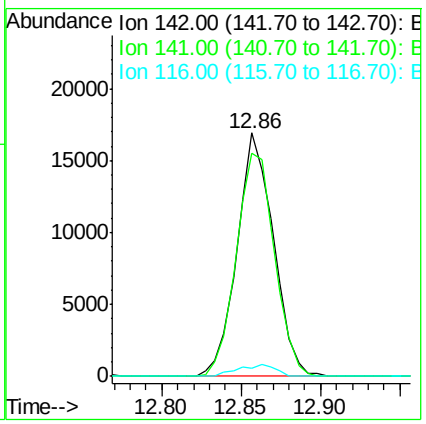


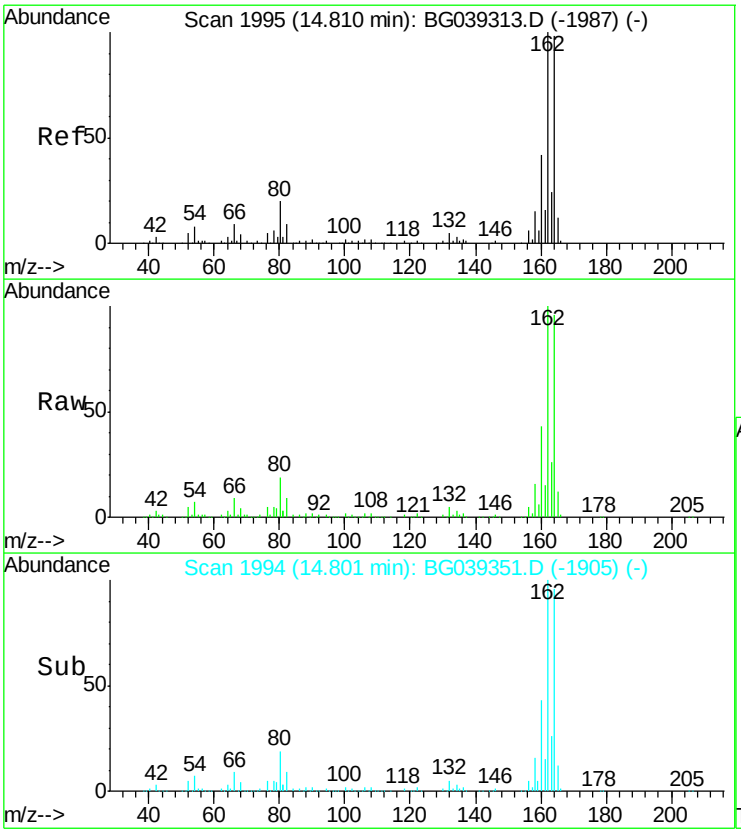
#38
1-Methylnaphthalene
Concen: 3.694 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion:142 Resp: 26839

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

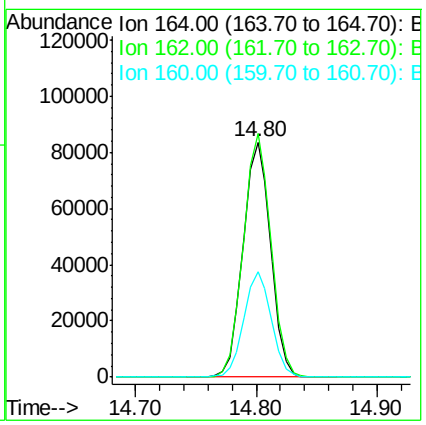


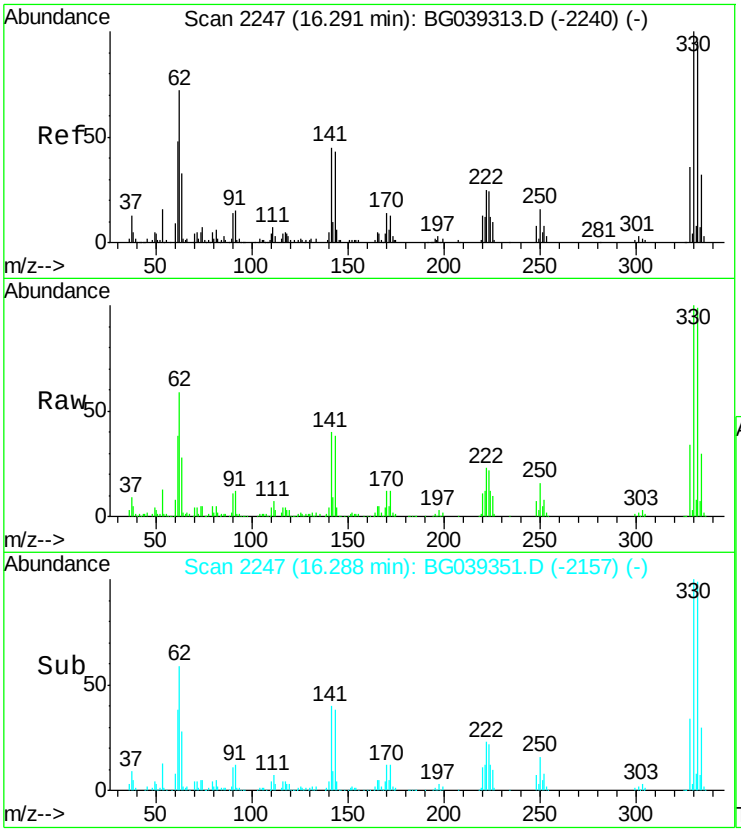


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion:164 Resp: 133133

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



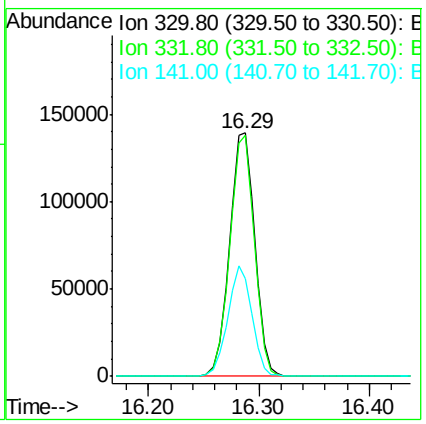


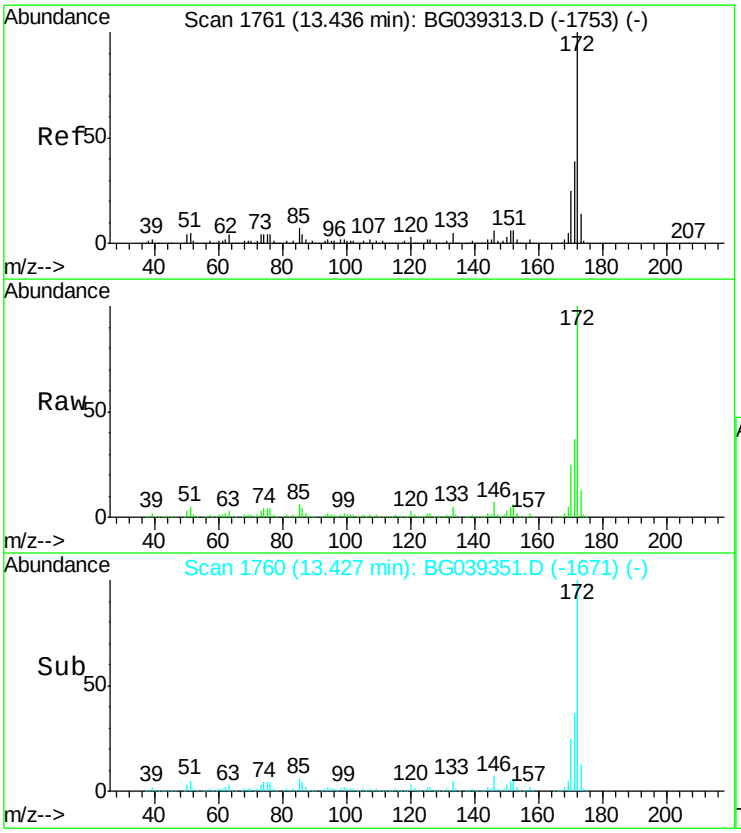
#42
2,4,6-Tribromophenol
Concen: 155.662 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion:330 Resp: 223159

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

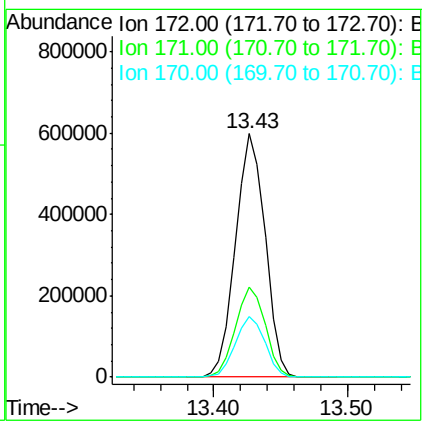


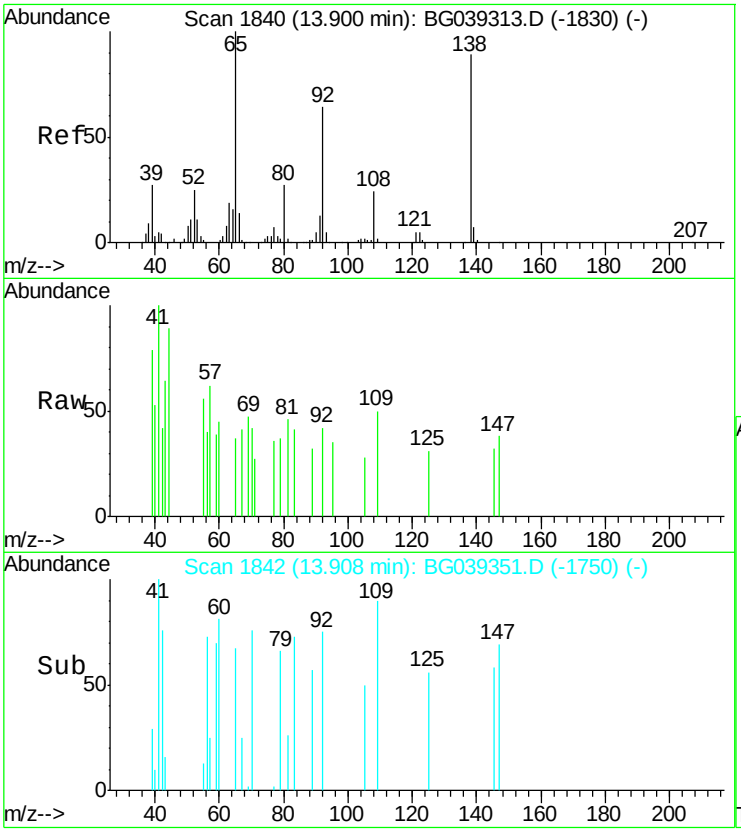


#45
2-Fluorobiphenyl
Concen: 99.129 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion:172 Resp: 919962

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



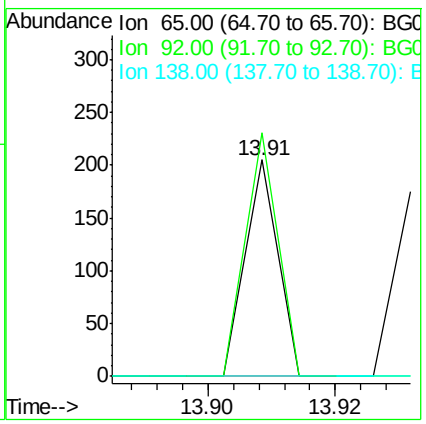


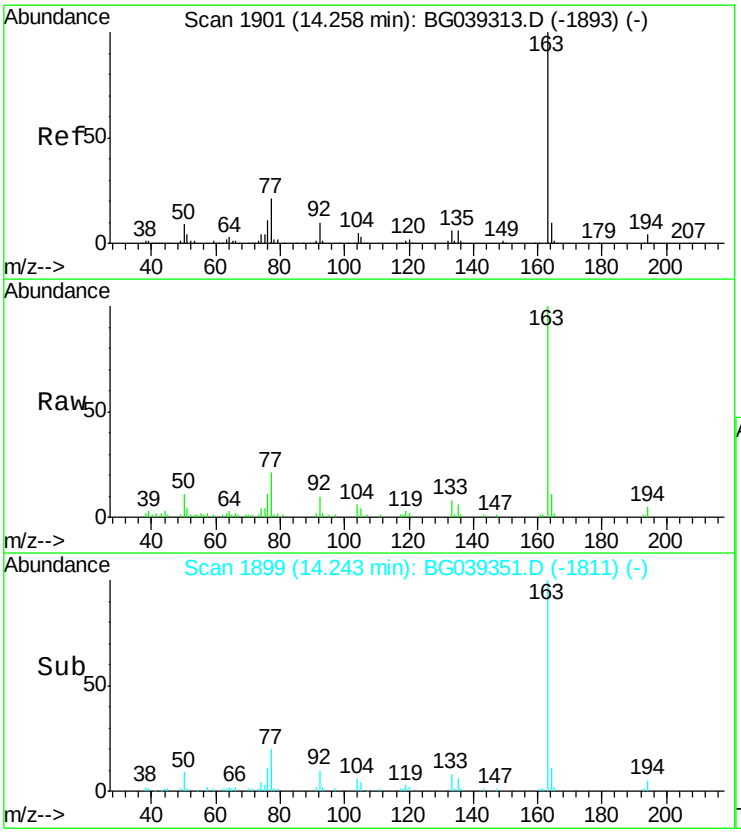
#48
2-Nitroaniline
Concen: 8.321 ng
RT: 13.91 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion: 65 Resp: 72

Ion	Ratio	Lower	Upper
65	100		
92	112.7	51.4	77.2#
138	0.0	71.4	107.2#

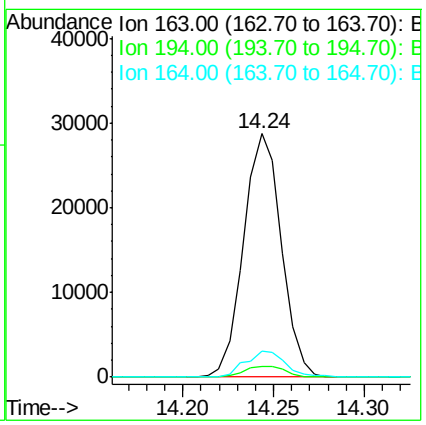


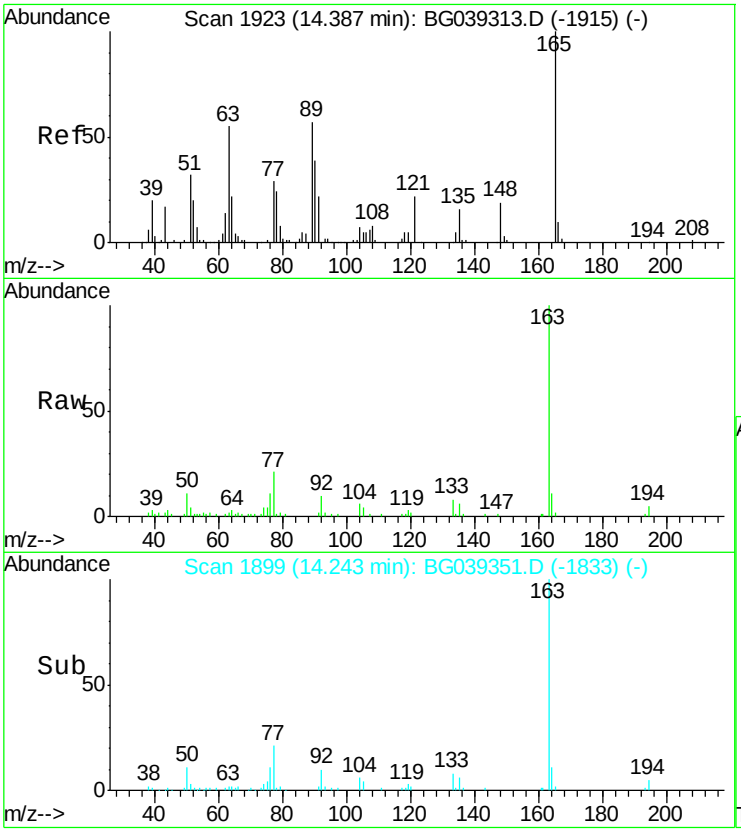


#50
Dimethylphthalate
Concen: 3.891 ng
RT: 14.24 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion:163 Resp: 41835

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.7	8.4	12.6



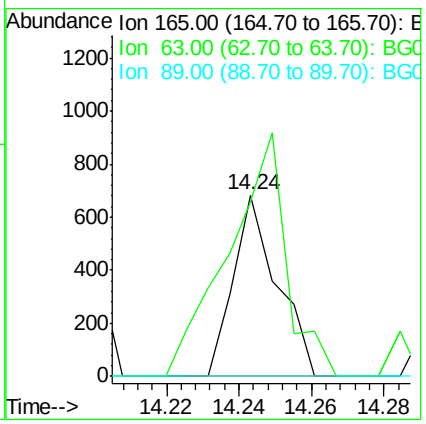


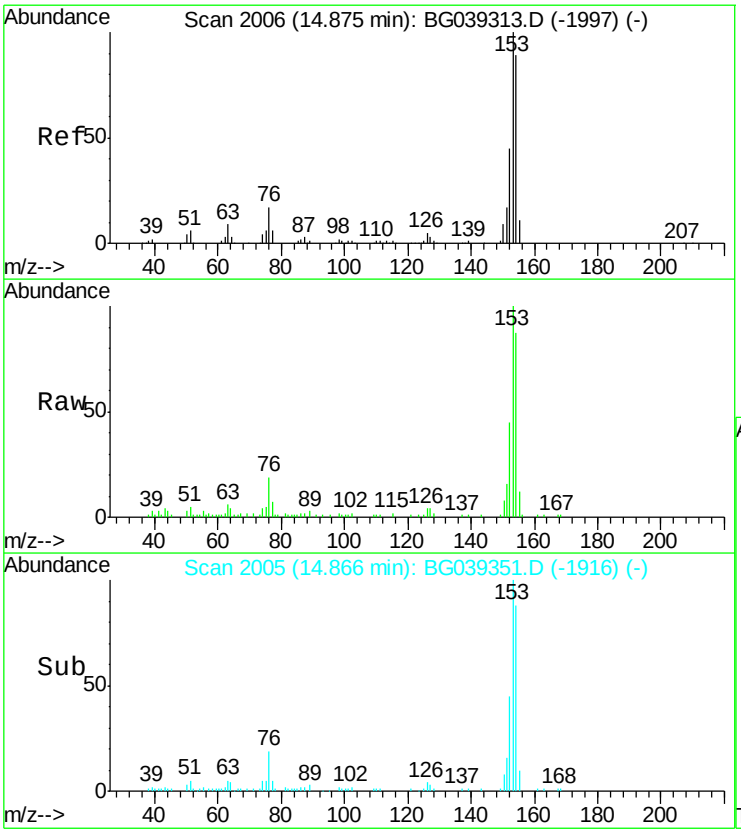
#51
2,6-Dinitrotoluene
Concen: 6.805 ng
RT: 14.24 min Scan# 1899
Delta R.T. -0.14 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion:165 Resp: 573

Ion	Ratio	Lower	Upper
165	100		
63	96.6	47.0	70.6#
89	0.0	45.8	68.8#

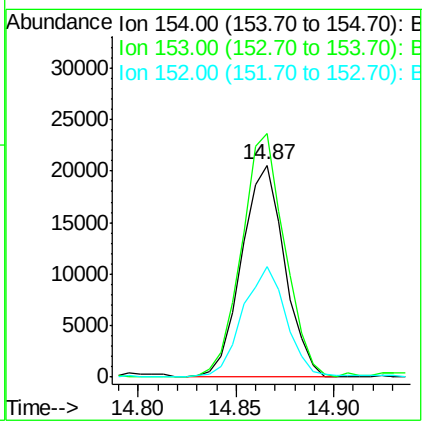


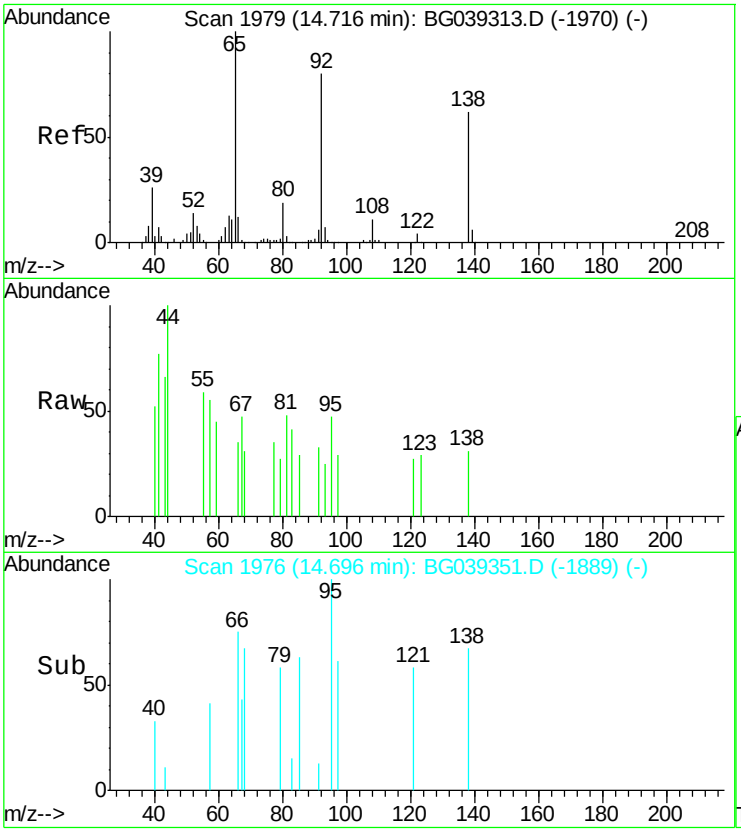


#52
Acenaphthene
Concen: 3.841 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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



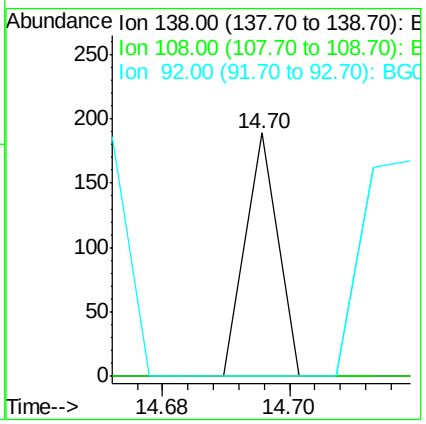


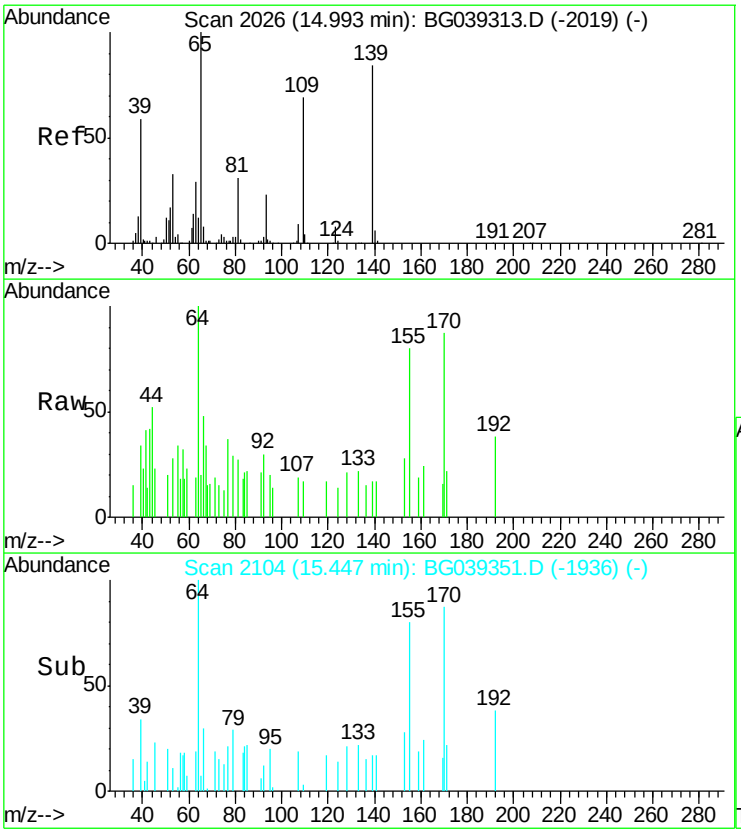
#53
3-Nitroaniline
Concen: 5.820 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion:138 Resp: 67

Ion	Ratio	Lower	Upper
138	100		
108	0.0	13.8	20.8#
92	0.0	103.7	155.5#

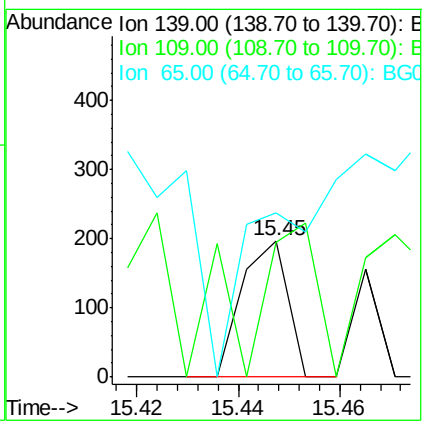


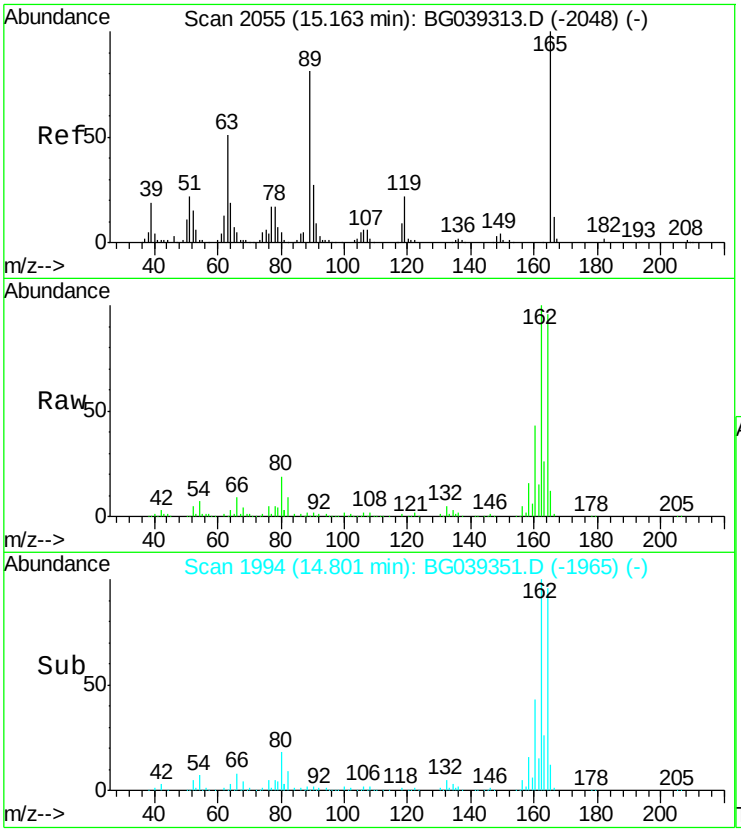


#56
4-Nitrophenol
Concen: 5.853 ng
RT: 15.45 min Scan# 2104
Delta R.T. 0.46 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion:139 Resp: 124

Ion	Ratio	Lower	Upper
139	100		
109	99.0	61.9	101.9
65	120.3	99.1	139.1



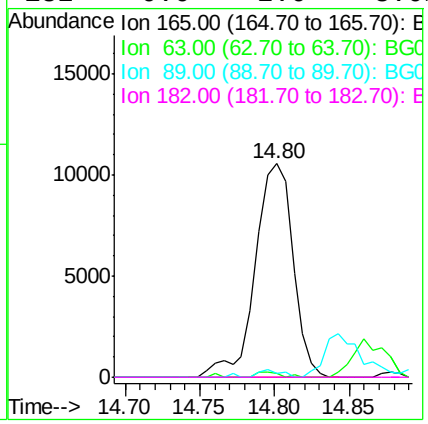


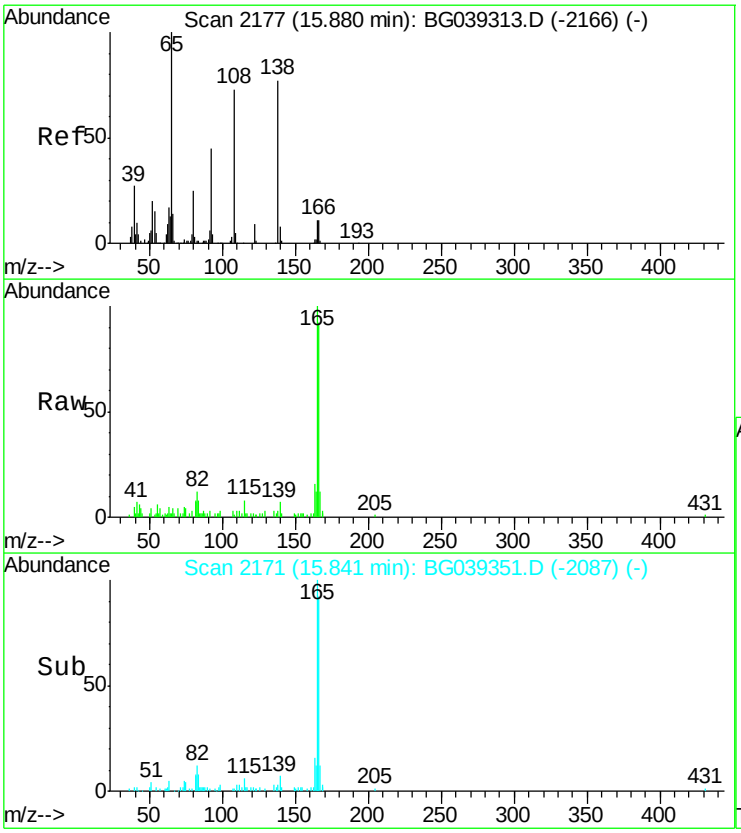
#57
2,4-Dinitrotoluene
Concen: 13.832 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.36 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion:165 Resp: 18475

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.0	61.6#
89	1.9	64.6	96.8#
182	0.0	2.0	3.0#

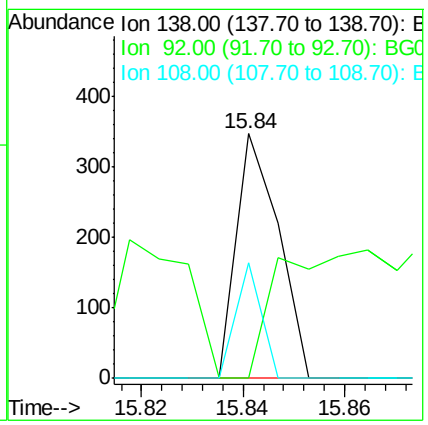


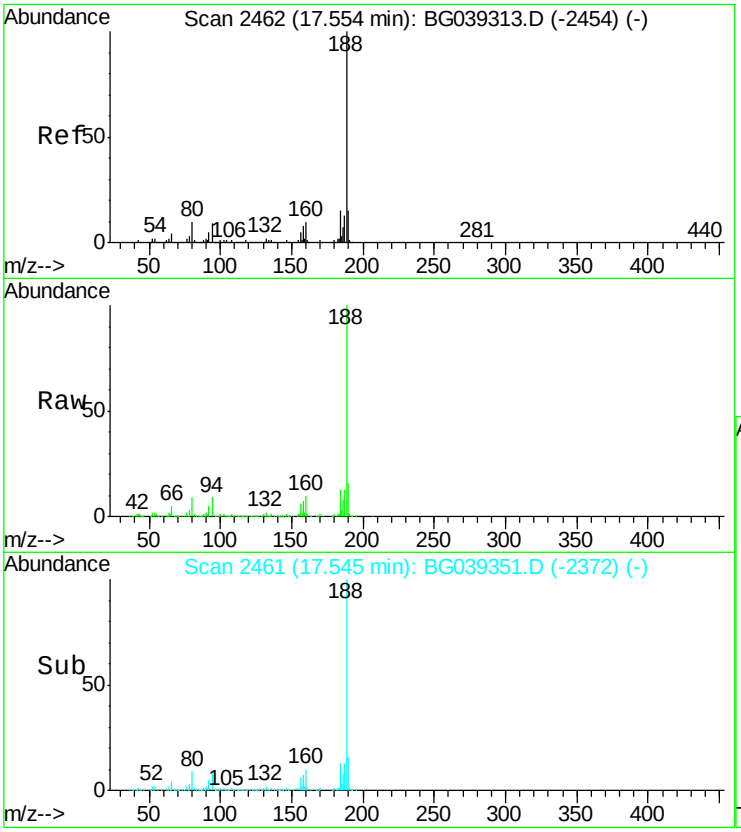


#62
4-Nitroaniline
Concen: 4.283 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion:138 Resp: 199

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.7	78.7#
108	47.0	74.6	114.6#



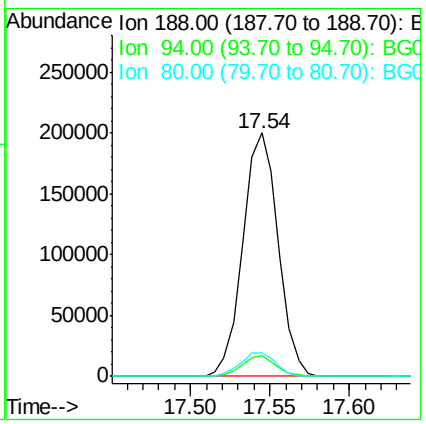


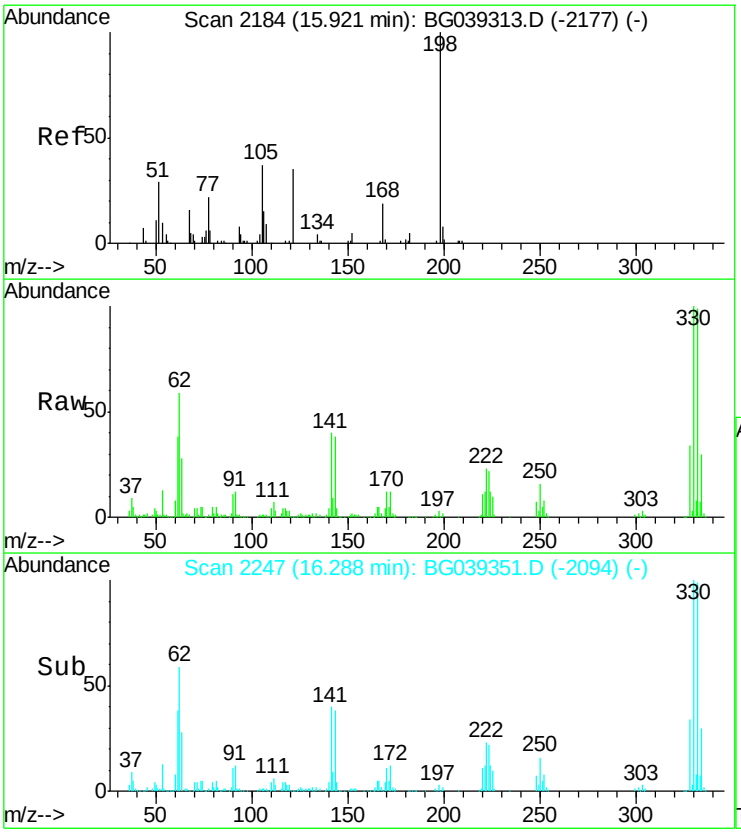
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion:188 Resp: 308553

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	9.4	8.1	12.1

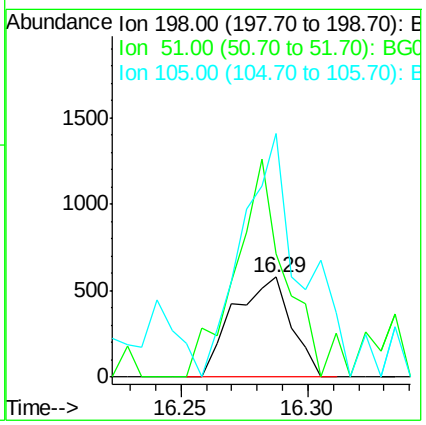


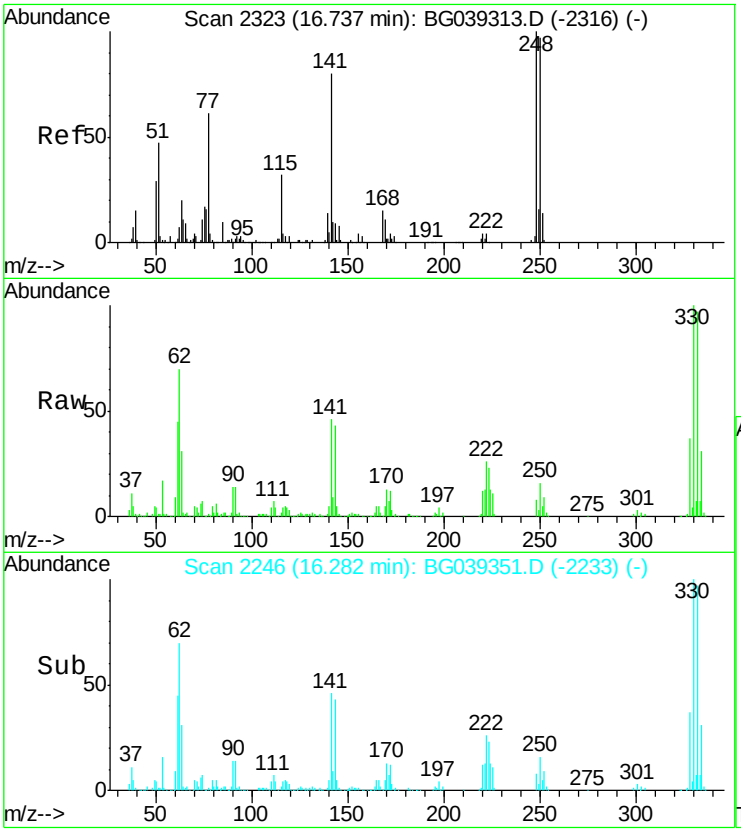


#65
4,6-Dinitro-2-methylphenol
Concen: 5.120 ng
RT: 16.29 min Scan# 2247
Delta R.T. 0.37 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion:198 Resp: 910

Ion	Ratio	Lower	Upper
198	100		
51	123.4	27.4	67.4#
105	244.0	19.7	59.7#



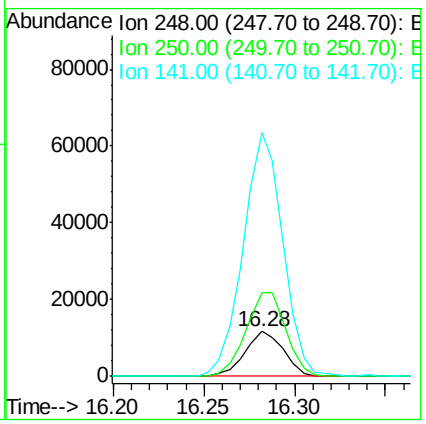


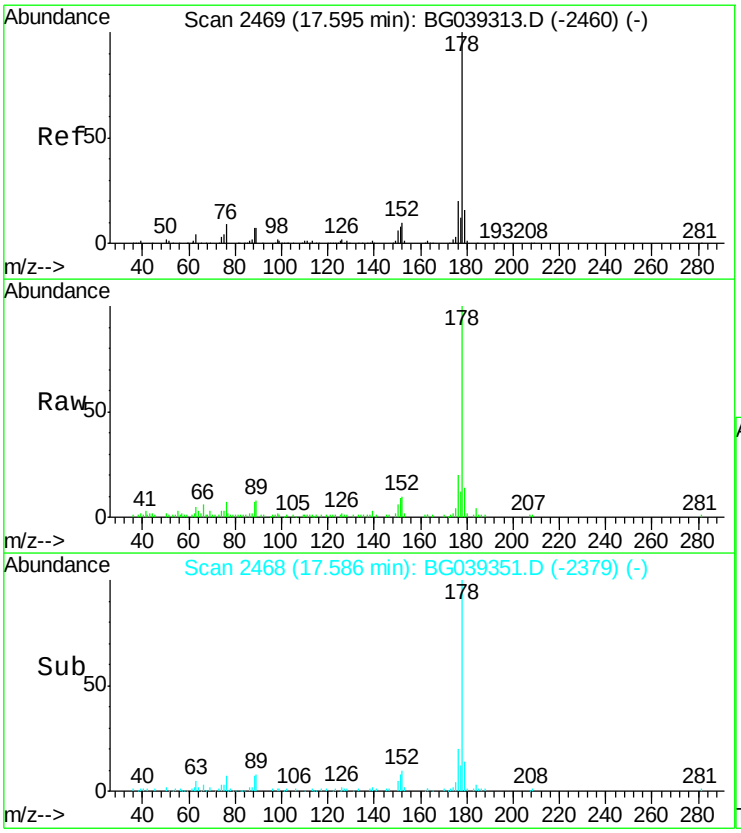
#67
4-Bromophenyl-phenylether
Concen: 5.107 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.46 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion:248 Resp: 17480

Ion	Ratio	Lower	Upper
248	100		
250	187.8	77.6	116.4#
141	545.0	63.9	95.9#

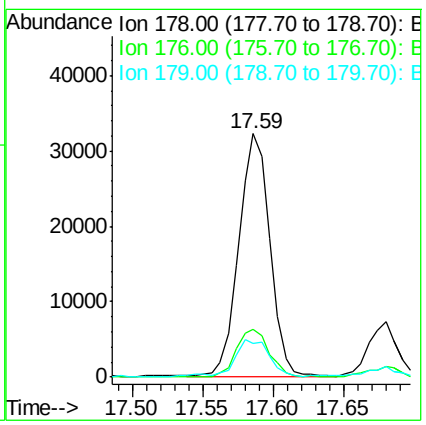


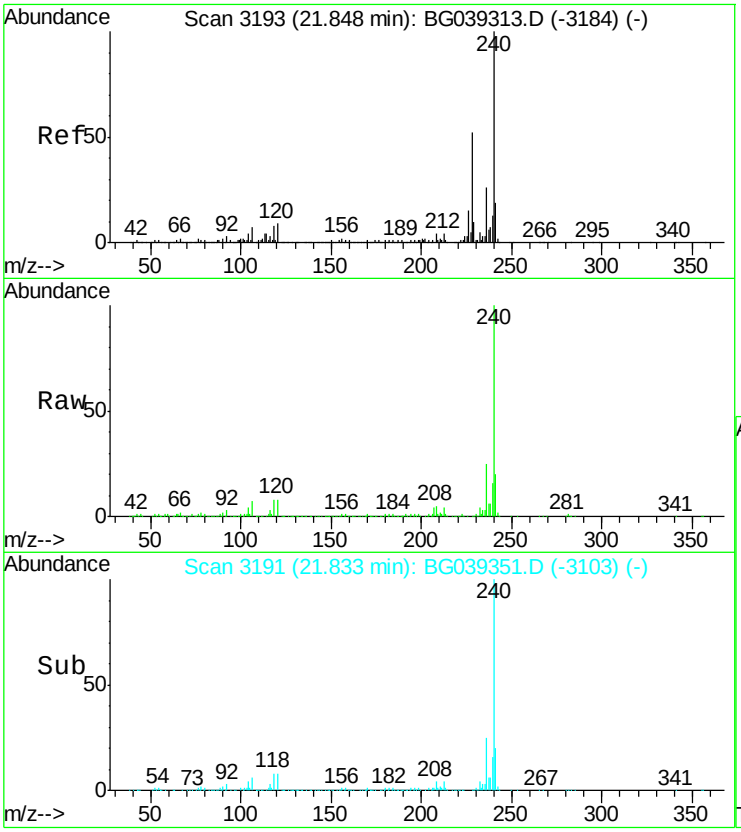


#71
Phenanthrene
Concen: 3.132 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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



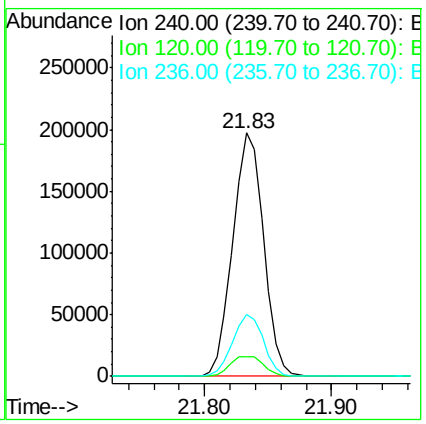


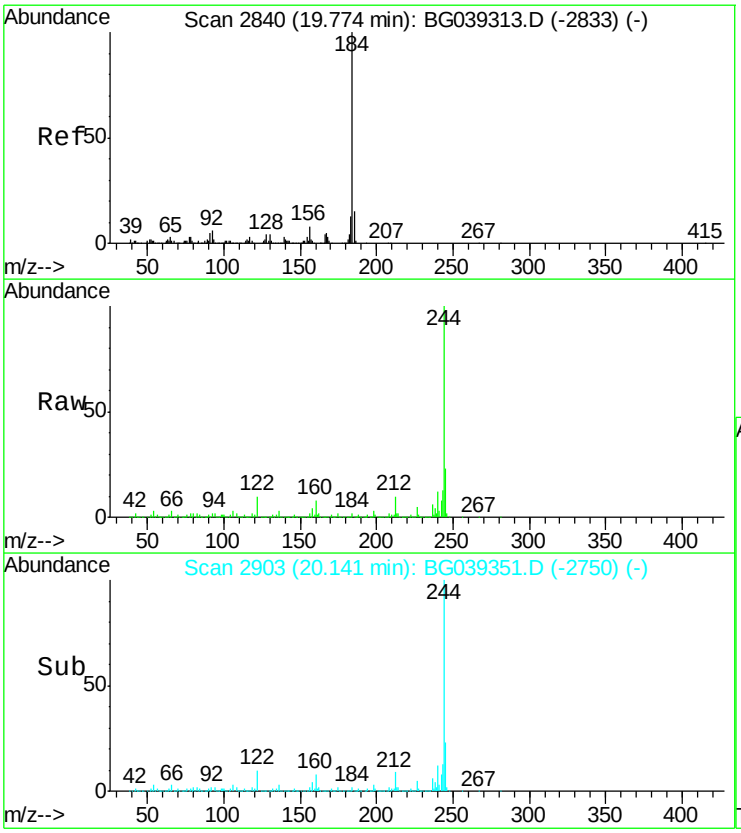
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.02 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

Tgt Ion:240 Resp: 332473

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.0	10.6
236	25.5	21.0	31.4

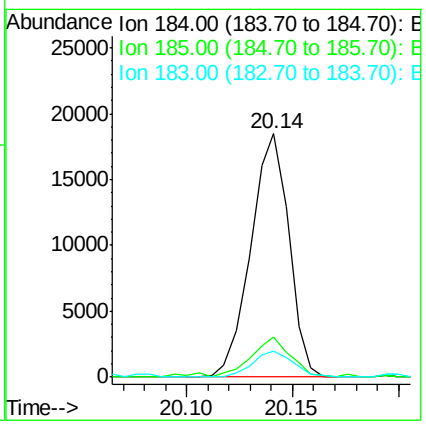


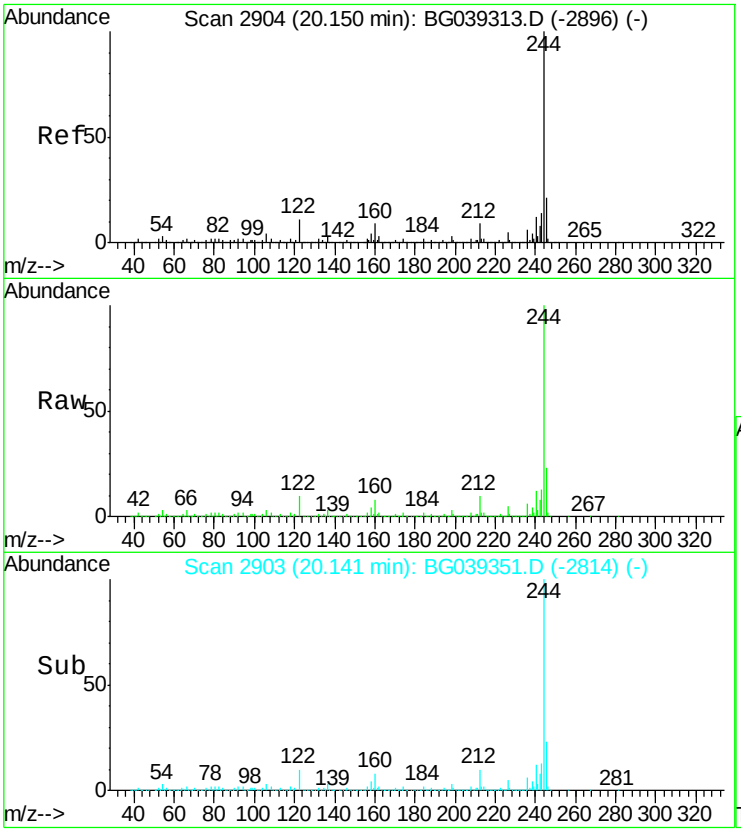


#77
Benzidine
Concen: 2.122 ng
RT: 20.14 min Scan# 2903
Delta R.T. 0.37 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

Tgt Ion:184 Resp: 23128

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.2	18.2
183	10.7	10.6	15.8



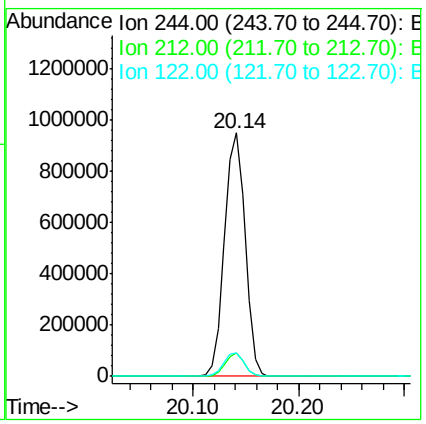


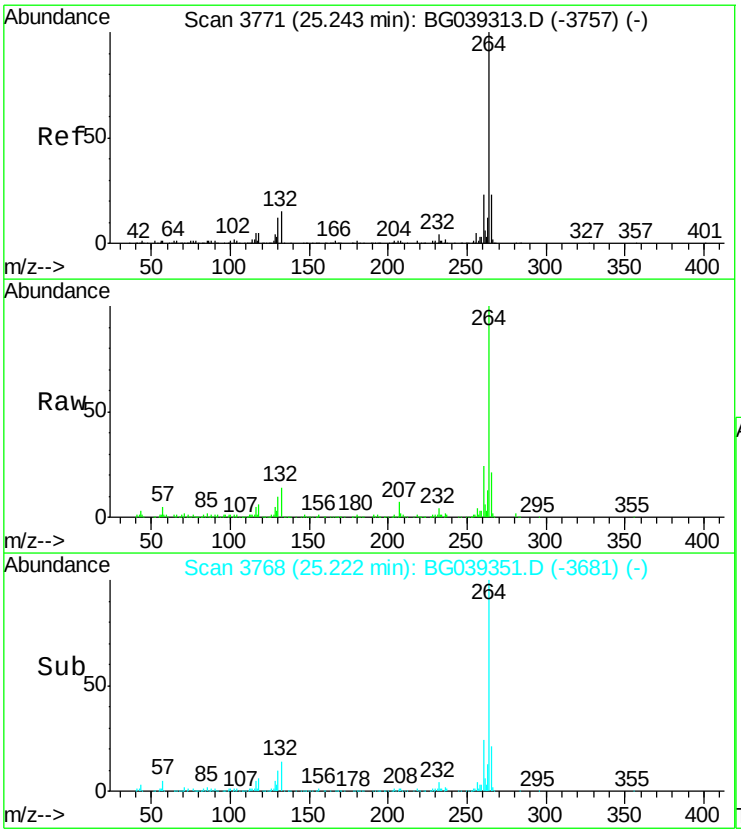
#79
Terphenyl-d14
Concen: 81.432 ng
RT: 20.14 min Scan# 2903
Delta R.T. -0.01 min
Lab File: BG039351.D
Acq: 1 Feb 2019 20:31

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

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





#87
Perylene-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

Tgt Ion:264 Resp: 347240

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.3	18.5	27.7