Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
Data File : BG039352.D
Acq On : 1 Feb 2019 21:11
Operator : JU/SJ
Sample : K1299-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPLP-LEACH-AMND-COMP-3

Quant Time: Feb 02 02:09:58 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	47772	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	205145	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	133002	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	314010	20.00	ng	0.00
76) Chrysene-d12	21.83	240	336393	20.00	ng	-0.02
87) Perylene-d12	25.22	264	356772	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	178718	64.03	ng	0.00
7) Phenol-d6	7.31	99	155351	37.81	ng	0.00
23) Nitrobenzene-d5	9.36	82	392292	119.46	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	226281	157.99	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	944029	101.82	ng	0.00
79) Terphenyl-d14	20.14	244	1331063	83.75	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.34	94	25653	5.990	ng	95
31) Naphthalene	11.05	128	434563	42.700	ng	99
37) 2-Methylnaphthalene	12.64	142	101054	13.406	ng	95
38) 1-Methylnaphthalene	12.86	142	111310	15.319	ng	98
50) Dimethylphthalate	14.24	163	45621	4.247	ng	99
52) Acenaphthene	14.87	154	81777	10.029	ng	96
58) Fluorene	15.84	166	43746	4.489	ng	95
71) Phenanthrene	17.59	178	114462	7.043	ng	98

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

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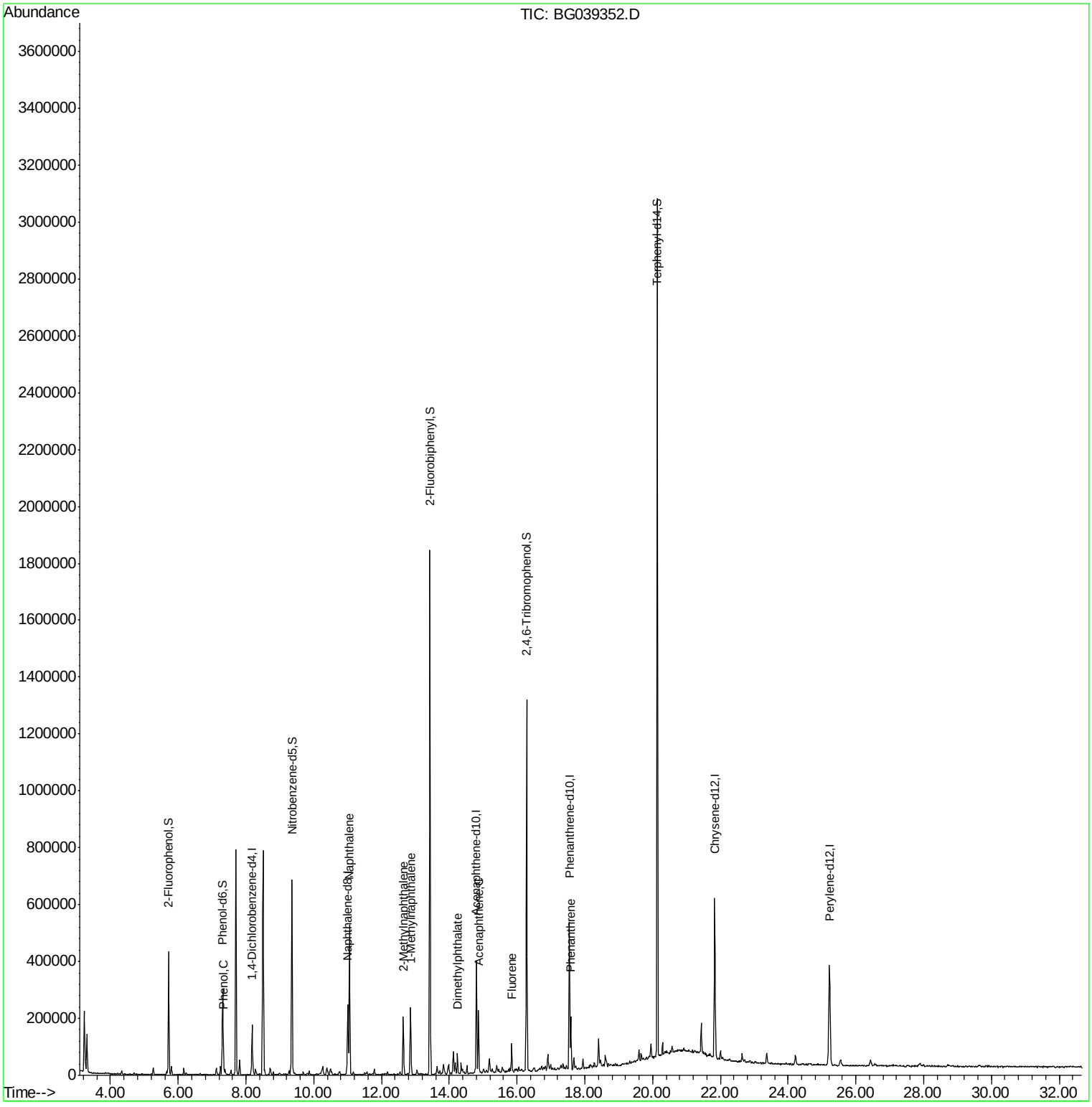
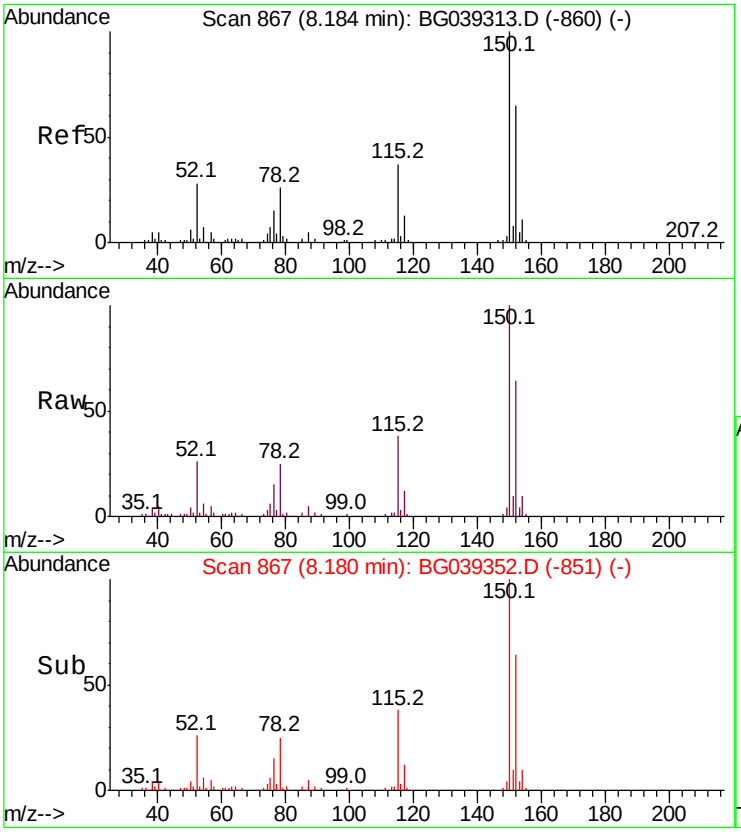


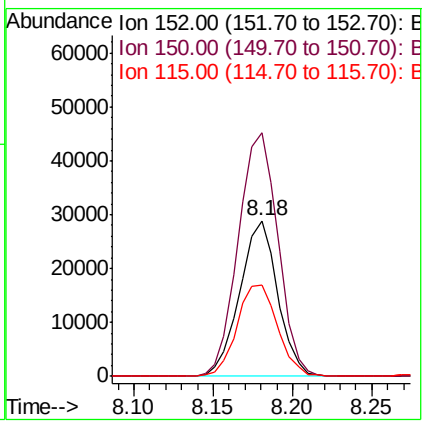


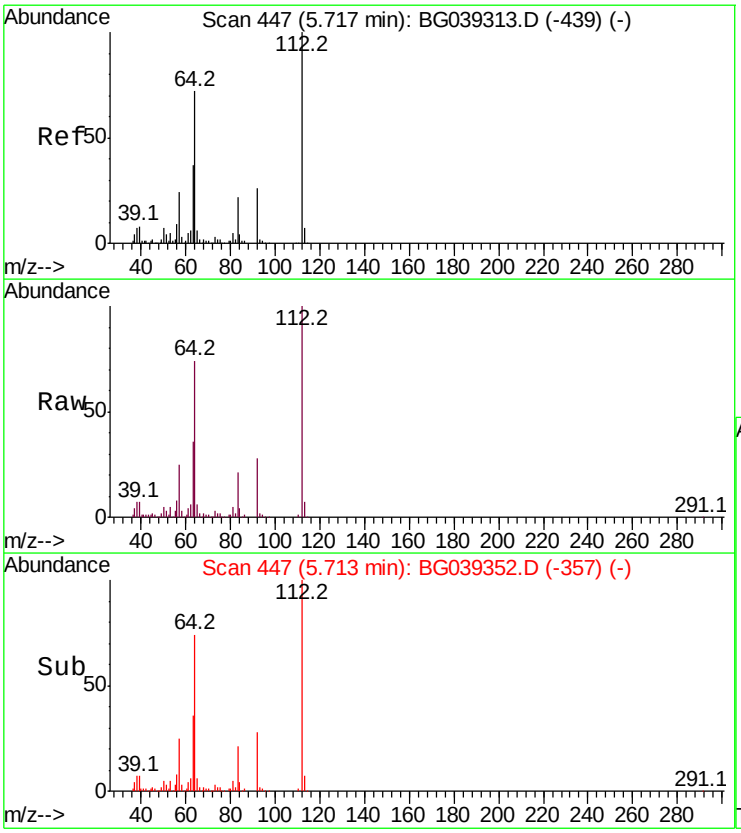
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tgt Ion:152 Resp: 47772

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.7	185.5
115	58.9	45.9	68.9

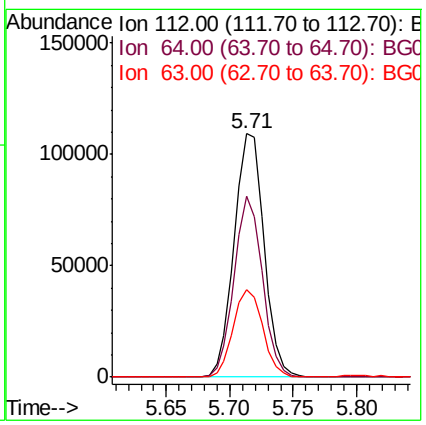


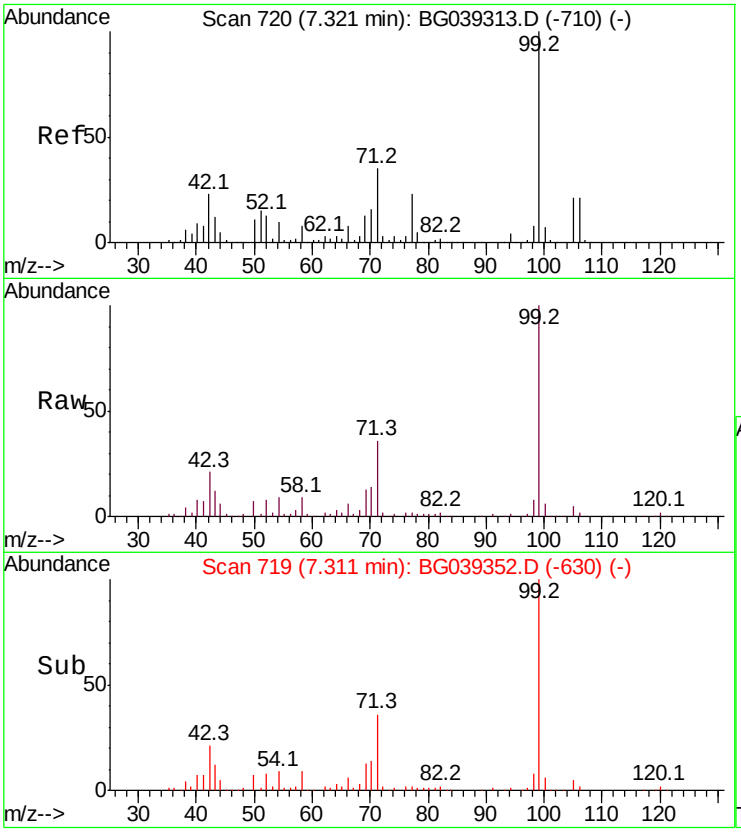


#5
2-Fluorophenol
Concen: 64.029 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Tgt Ion:112 Resp: 178718

Ion	Ratio	Lower	Upper
112	100		
64	74.2	57.8	86.8
63	36.1	29.8	44.6



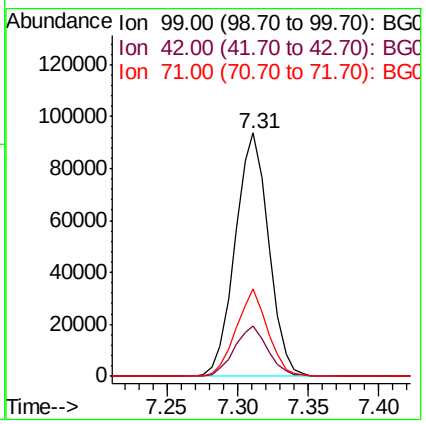


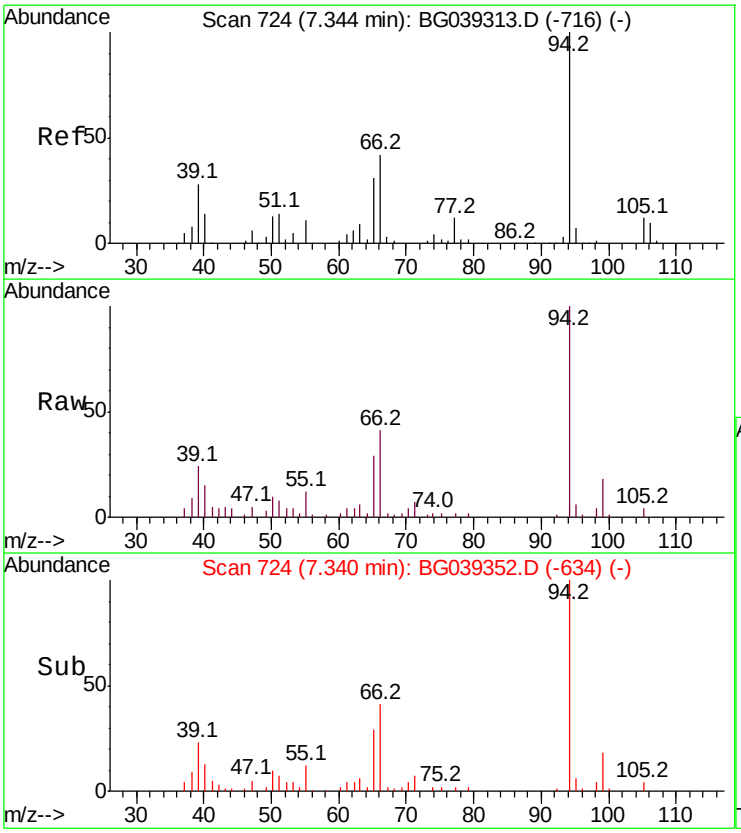
#7
Phenol-d6
Concen: 37.811 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tgt Ion: 99 Resp: 155351

Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.2	27.2
71	35.7	28.0	42.0

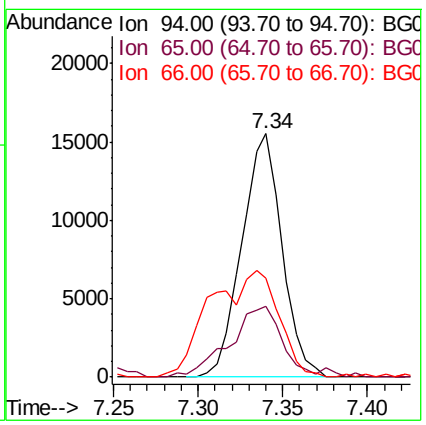


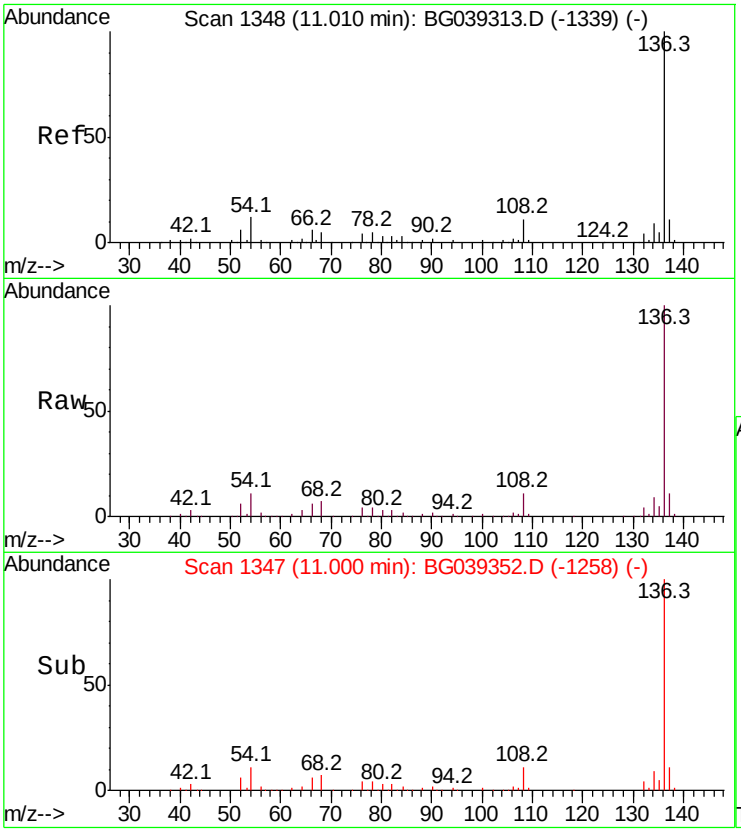


#10
Phenol
Concen: 5.990 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Tgt Ion: 94 Resp: 25653

Ion	Ratio	Lower	Upper
94	100		
65	29.3	11.7	51.7
66	40.6	23.7	63.7



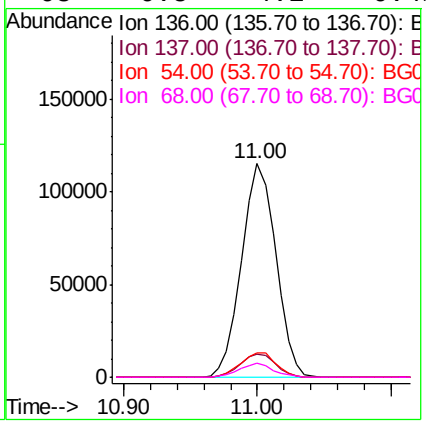


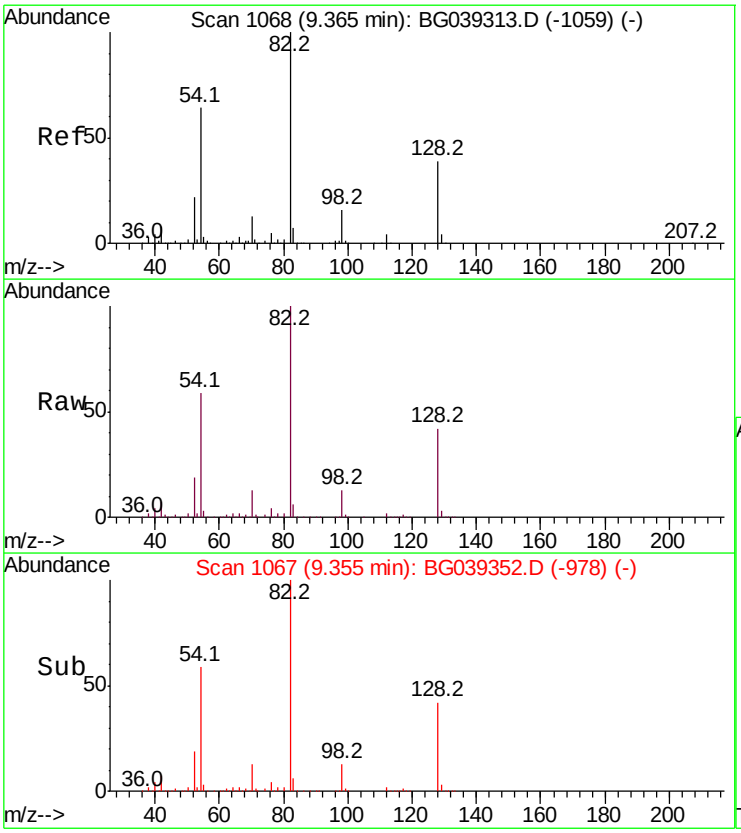
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tgt Ion:136 Resp: 205145

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	11.2	9.4	14.2
68	6.5	4.2	6.4#

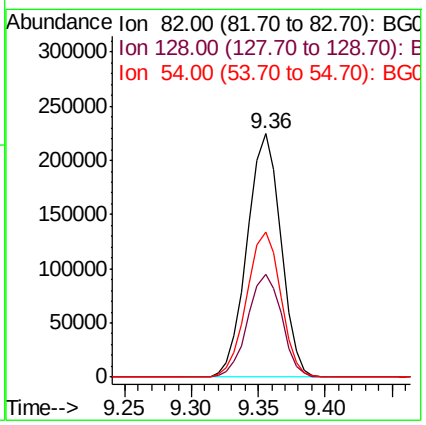


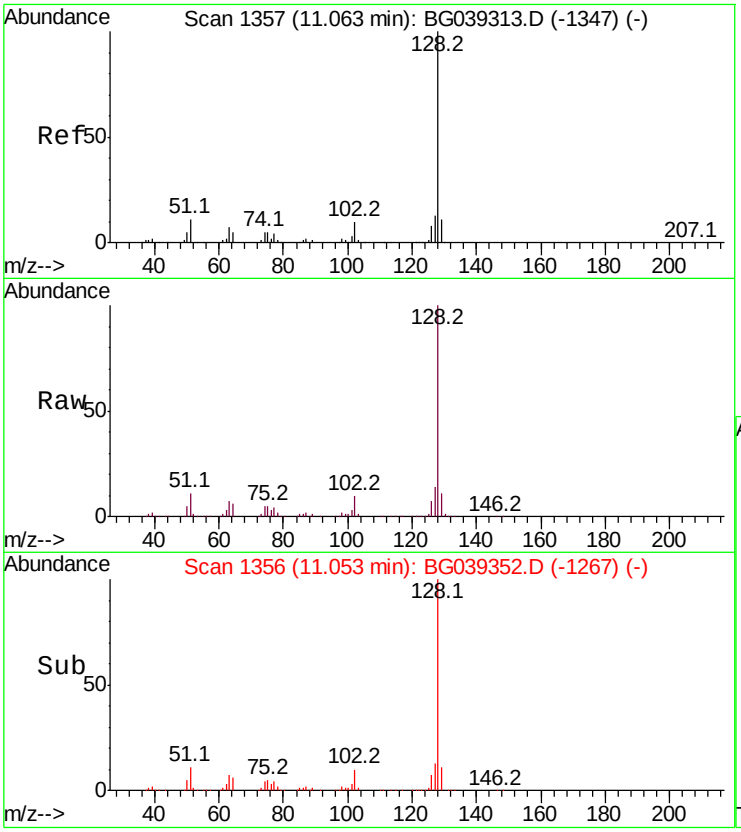


#23
Nitrobenzene-d5
Concen: 119.462 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Tgt Ion: 82 Resp: 392292

Ion	Ratio	Lower	Upper
82	100		
128	42.2	31.3	46.9
54	59.5	50.9	76.3



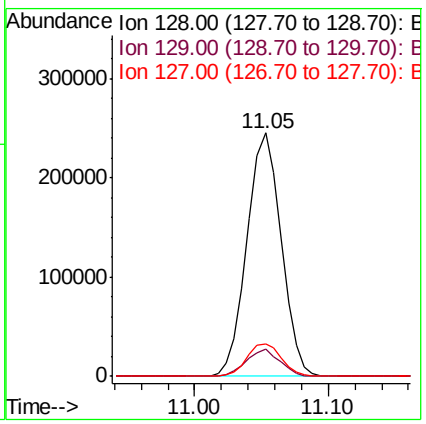


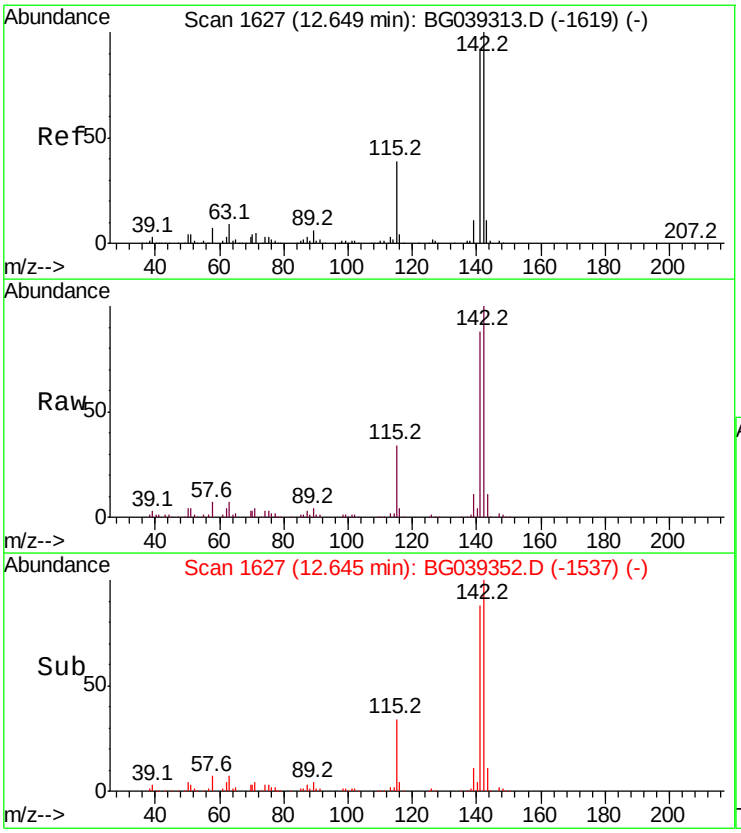
#31
Naphthalene
Concen: 42.700 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tgt Ion:128 Resp: 434563

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.6	10.8	16.2

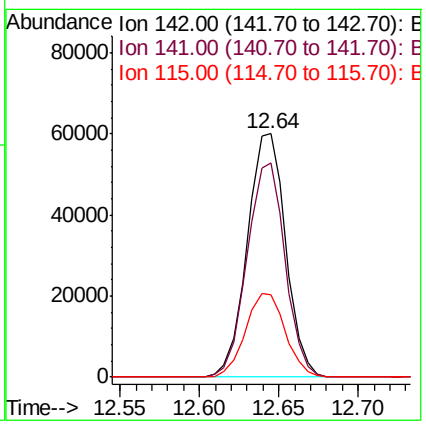


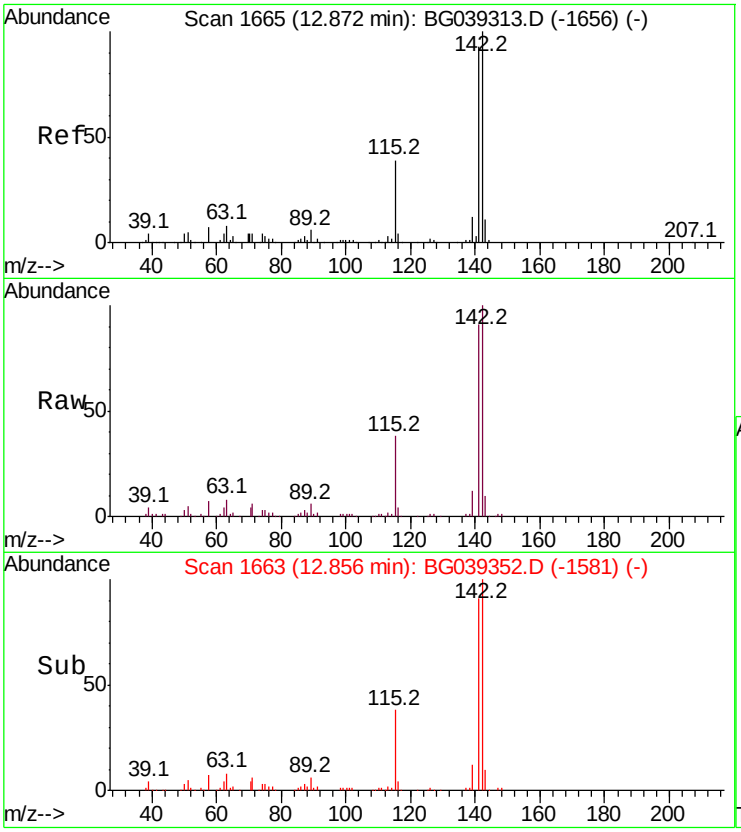


#37
2-Methylnaphthalene
Concen: 13.406 ng
RT: 12.64 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Tgt Ion:142 Resp: 101054

Ion	Ratio	Lower	Upper
142	100		
141	88.2	73.5	110.3
115	33.6	30.8	46.2



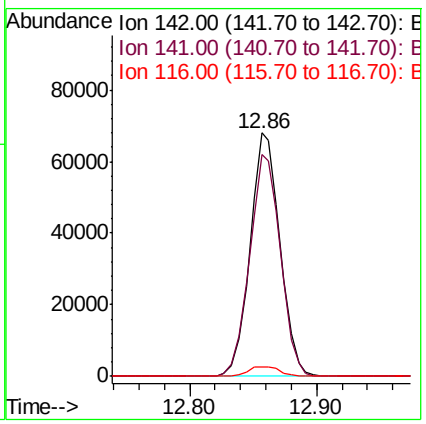


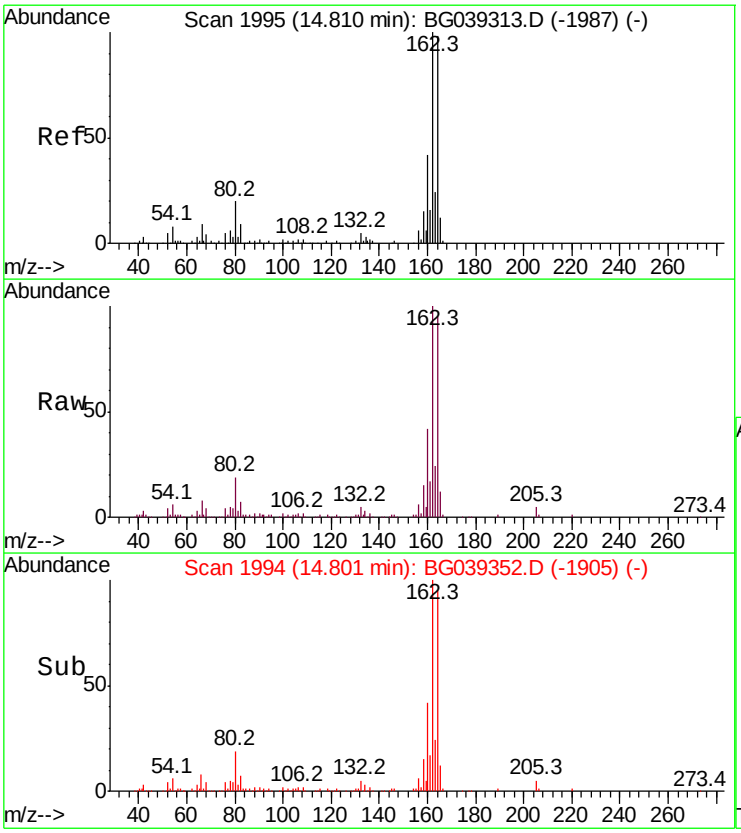
#38
1-Methylnaphthalene
Concen: 15.319 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tgt Ion:142 Resp: 111310

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	3.8	3.0	4.6

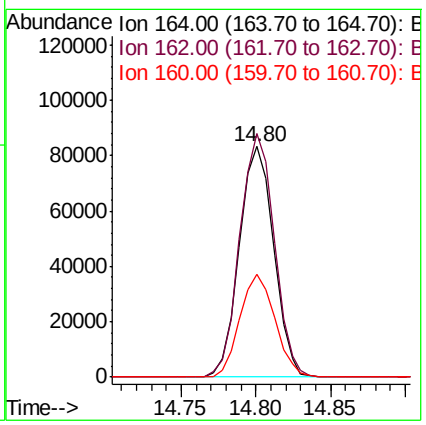


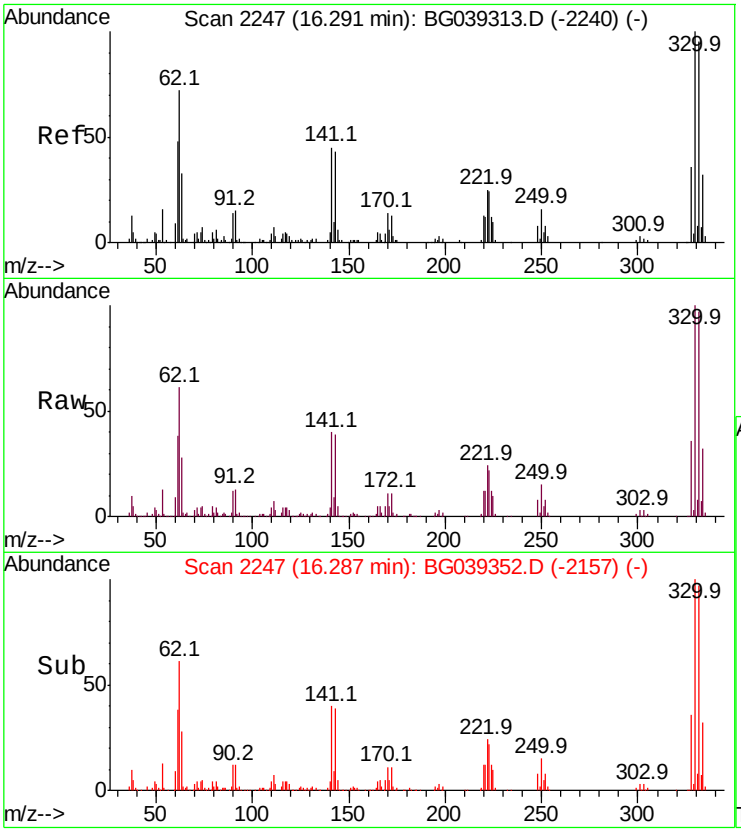


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Tgt Ion:164 Resp: 133002

Ion	Ratio	Lower	Upper
164	100		
162	105.6	81.6	122.4
160	44.8	34.2	51.2



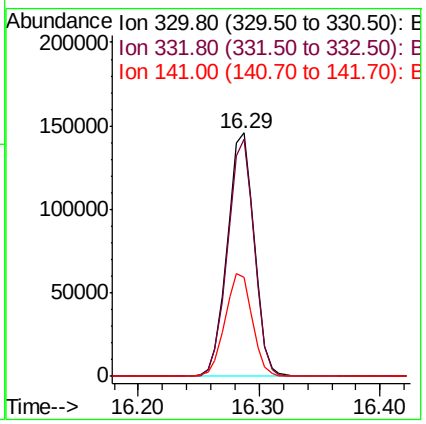


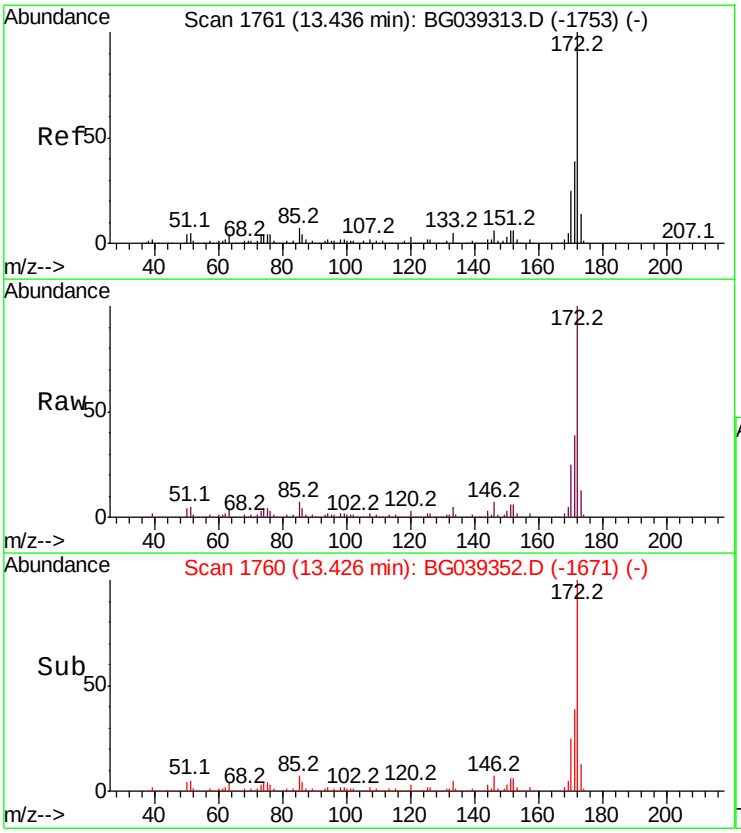
#42
2,4,6-Tribromophenol
Concen: 157.995 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tgt Ion:330 Resp: 226281

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.7	113.5
141	42.4	35.6	53.4

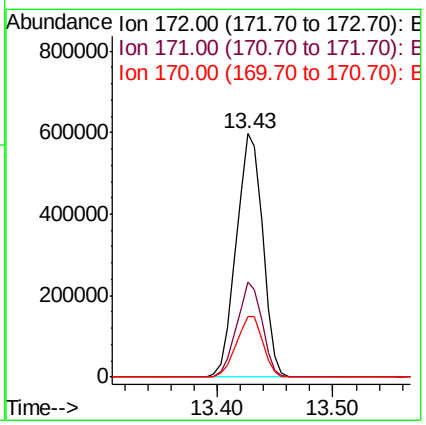


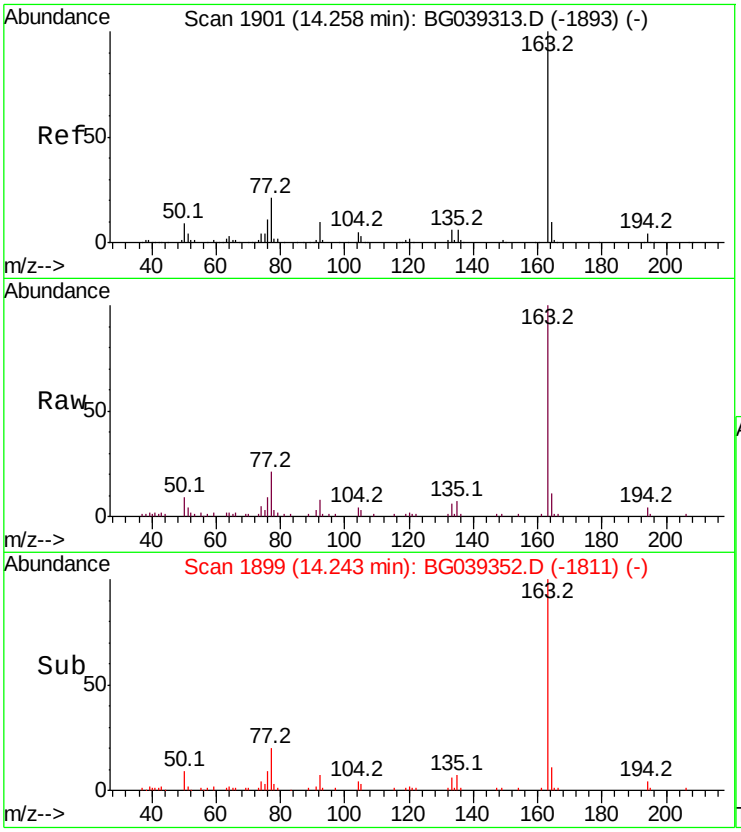


#45
2-Fluorobiphenyl
Concen: 101.822 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Tgt Ion:172 Resp: 944029

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.8	46.2
170	24.9	20.2	30.4



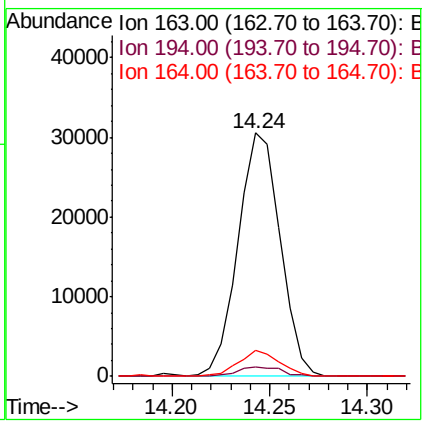


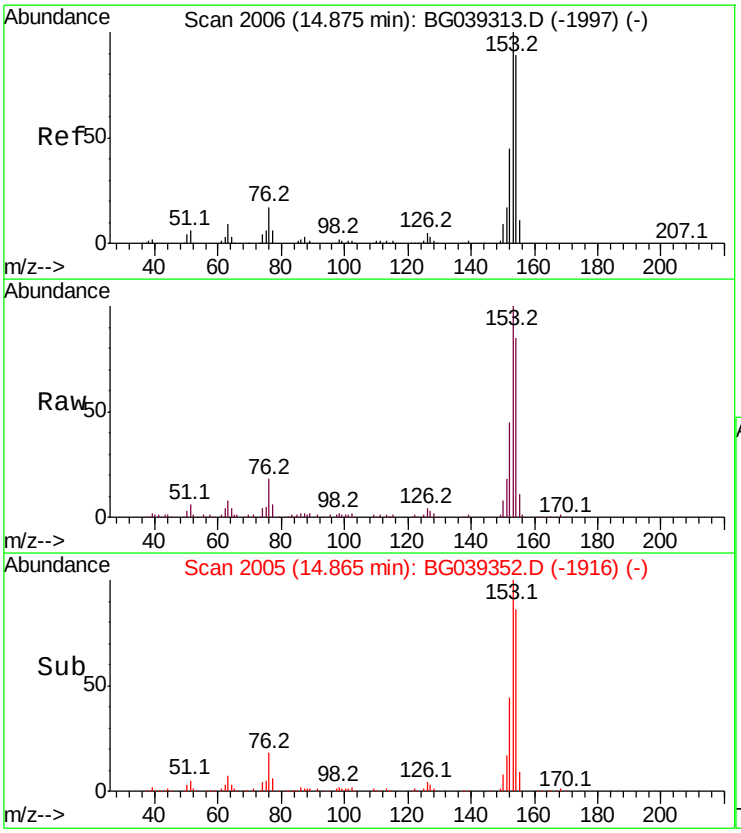
#50
Dimethylphthalate
Concen: 4.247 ng
RT: 14.24 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tgt Ion:163 Resp: 45621

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.6	5.4
164	10.8	8.4	12.6

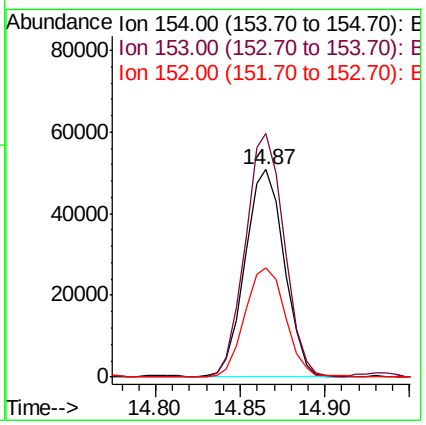


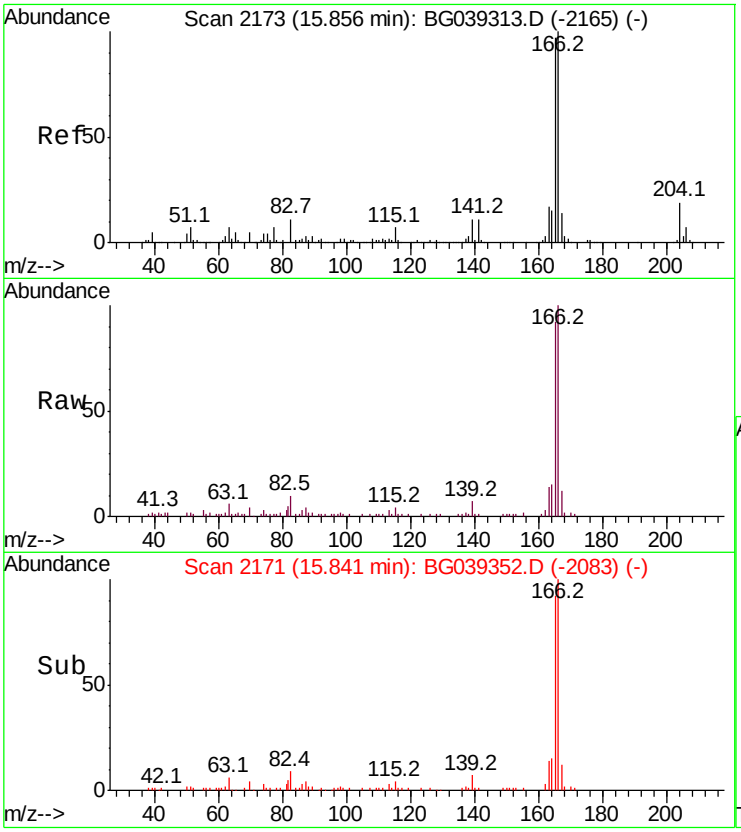


#52
Acenaphthene
Concen: 10.029 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Tgt Ion:154 Resp: 81777

Ion	Ratio	Lower	Upper
154	100		
153	117.5	90.1	135.1
152	52.6	40.9	61.3



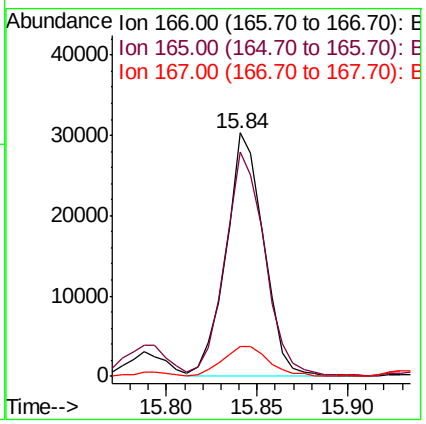


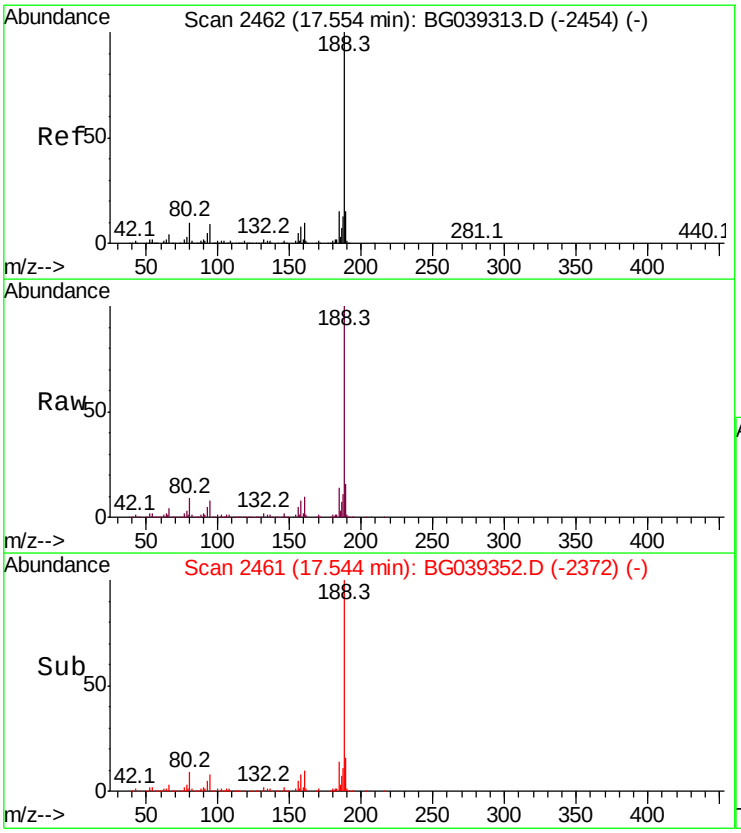
#58
Fluorene
Concen: 4.489 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tgt Ion:166 Resp: 43746

Ion	Ratio	Lower	Upper
166	100		
165	91.9	77.9	116.9
167	12.4	10.8	16.2

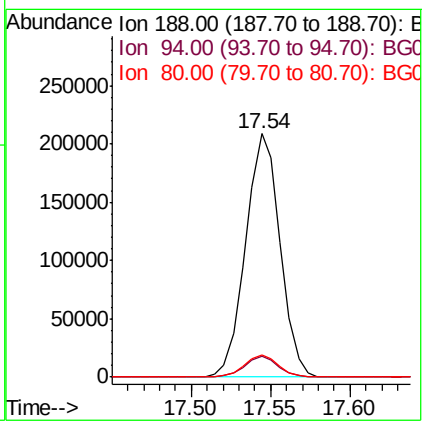


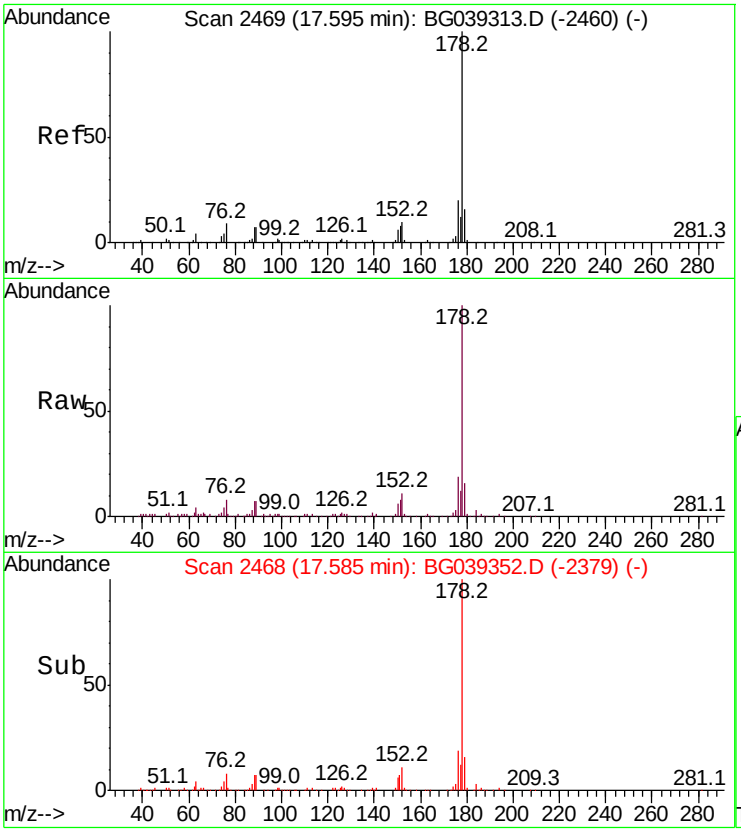


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Tgt Ion:188 Resp: 314010

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.0	8.1	12.1



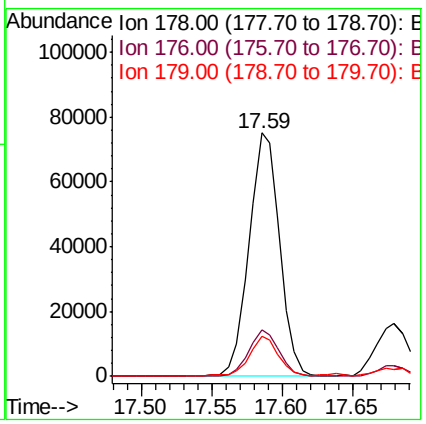


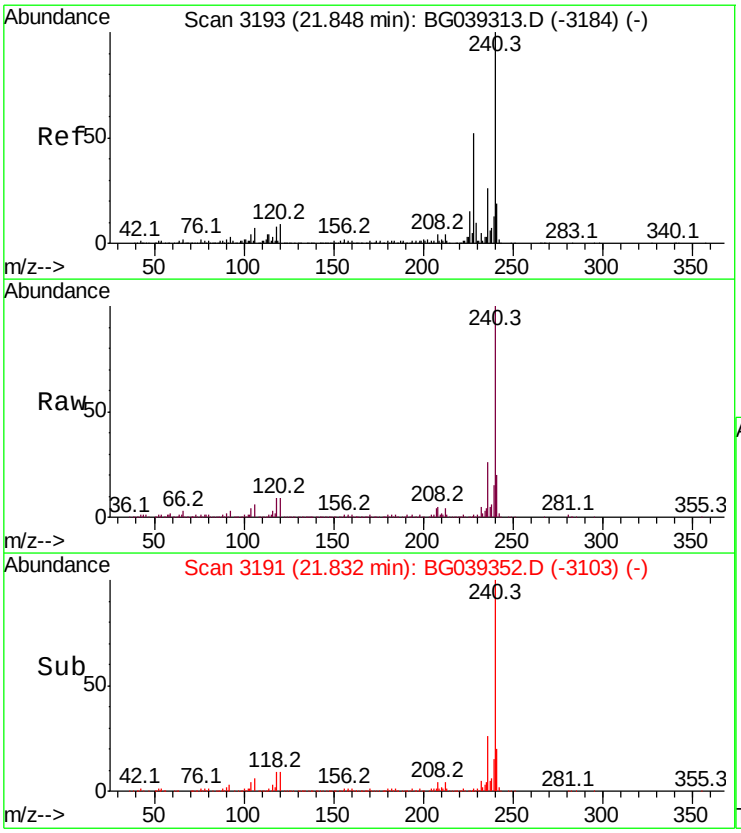
#71
Phenanthrene
Concen: 7.043 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tgt Ion:178 Resp: 114462

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	16.4	12.6	19.0

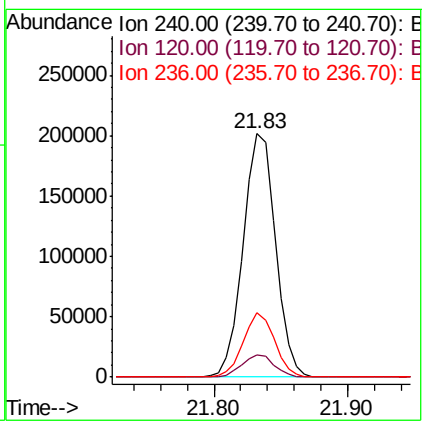


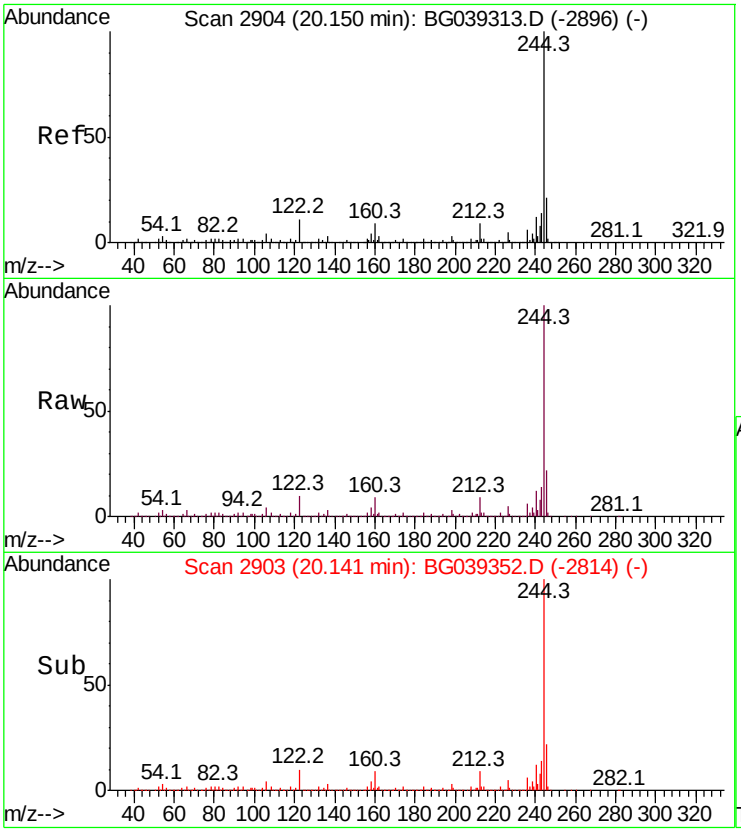


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3191
Delta R.T. -0.02 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Tgt Ion:240 Resp: 336393

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.0	10.6
236	26.4	21.0	31.4



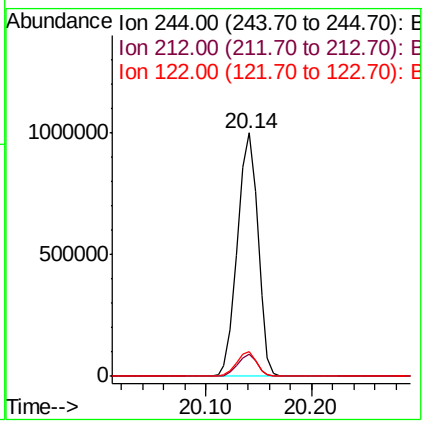


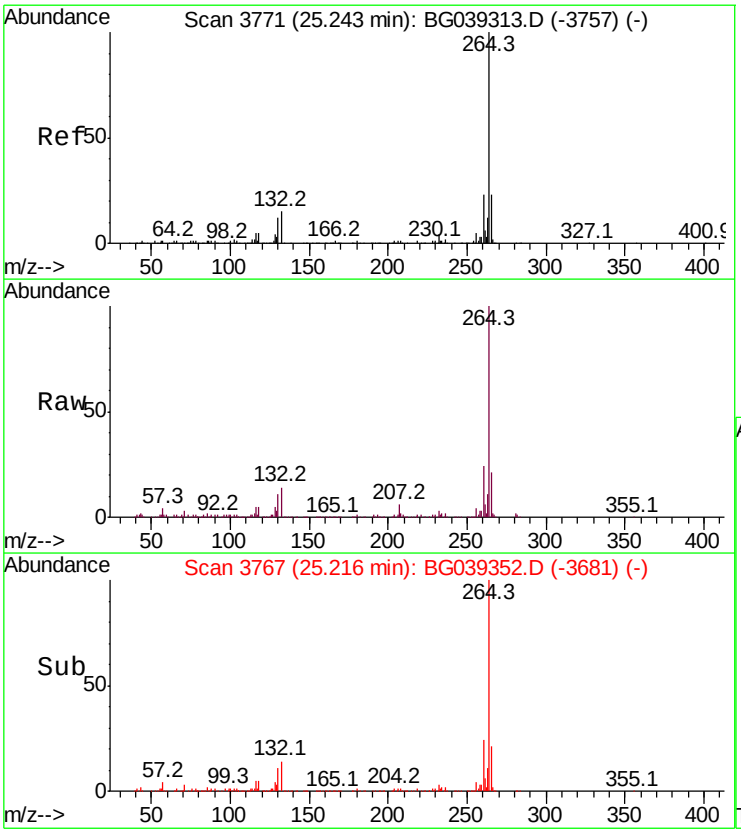
#79
Terphenyl-d14
Concen: 83.755 ng
RT: 20.14 min Scan# 2903
Delta R.T. -0.01 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACH-AMND-COMP-3

Tgt Ion:244 Resp: 1331063

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	10.1	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG039352.D
Acq: 1 Feb 2019 21:11

Tgt Ion:264 Resp: 356772

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.0	18.5	27.7