Quantitation Report (QT Reviewed)

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						
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						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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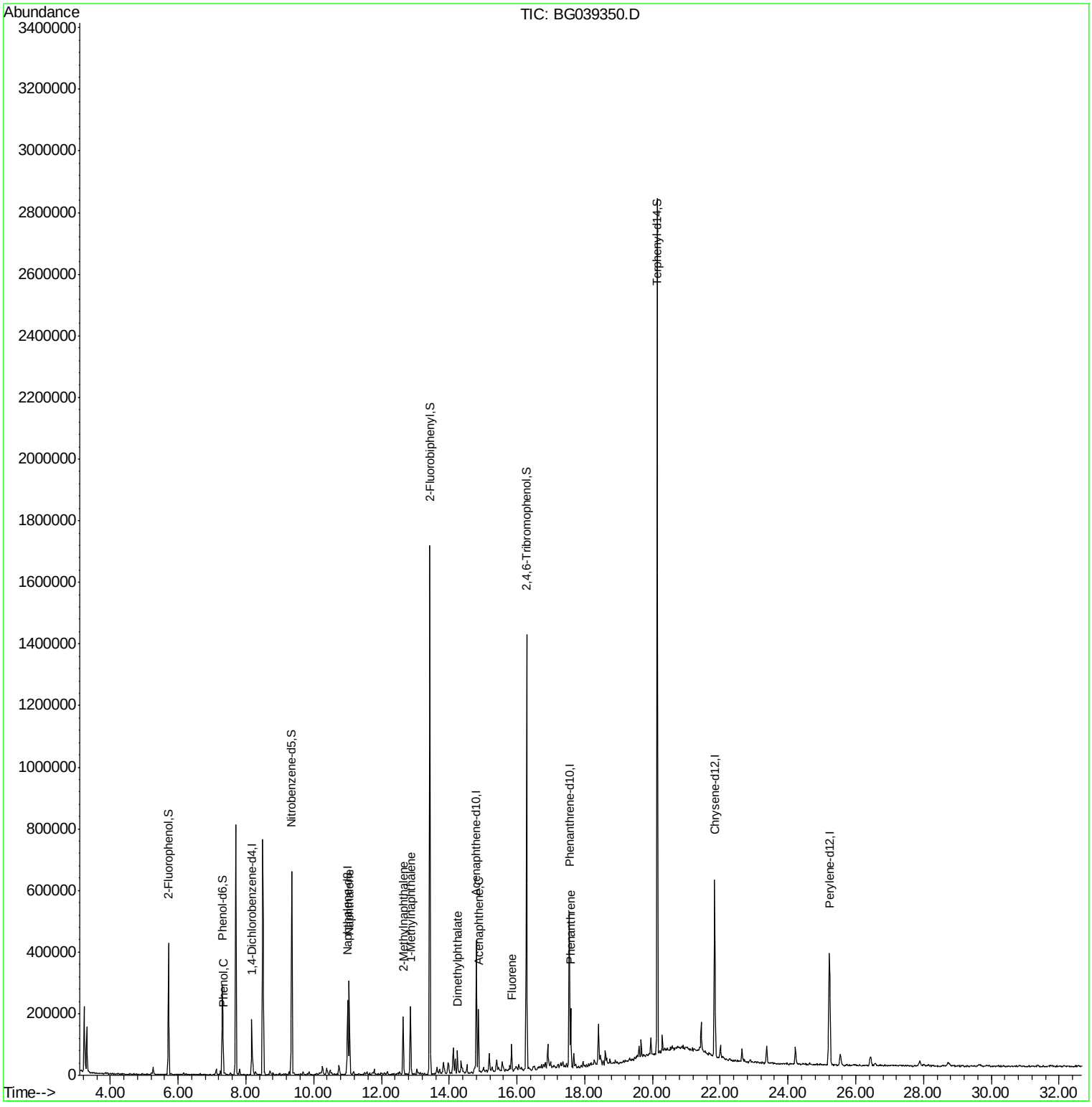
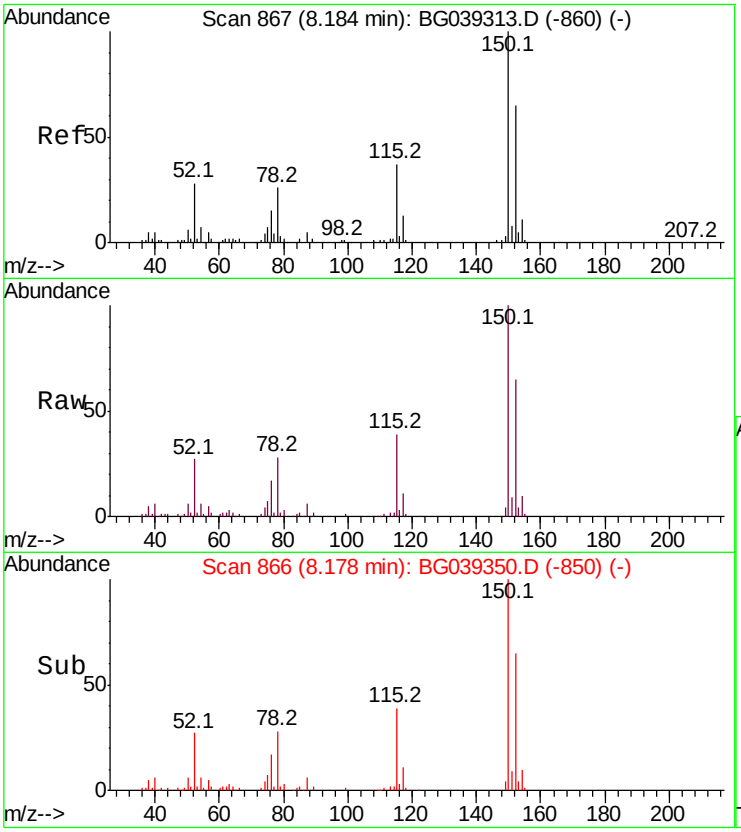
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



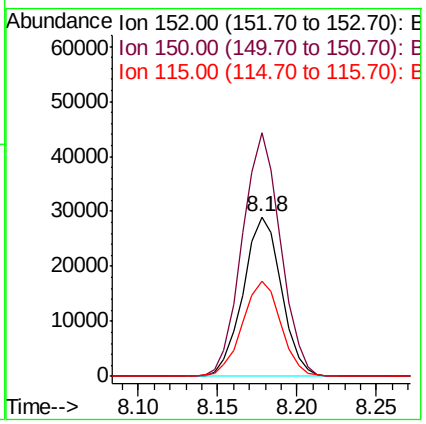


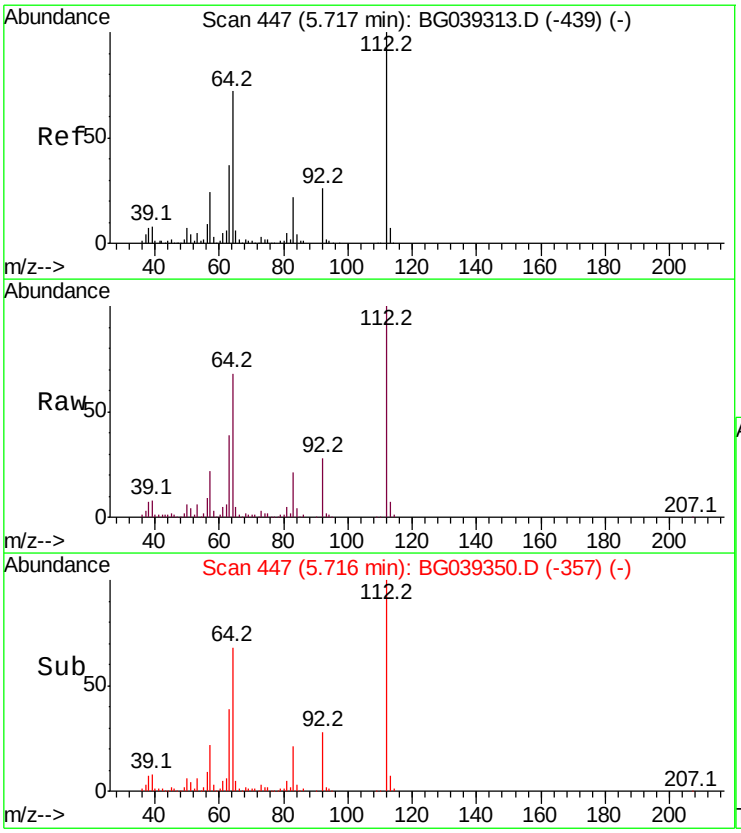
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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

Tgt Ion:152 Resp: 48532

Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.7	185.5
115	59.8	45.9	68.9

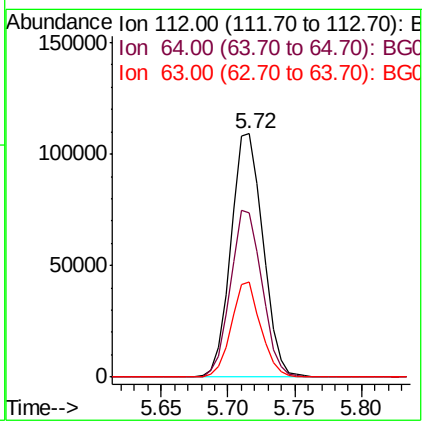


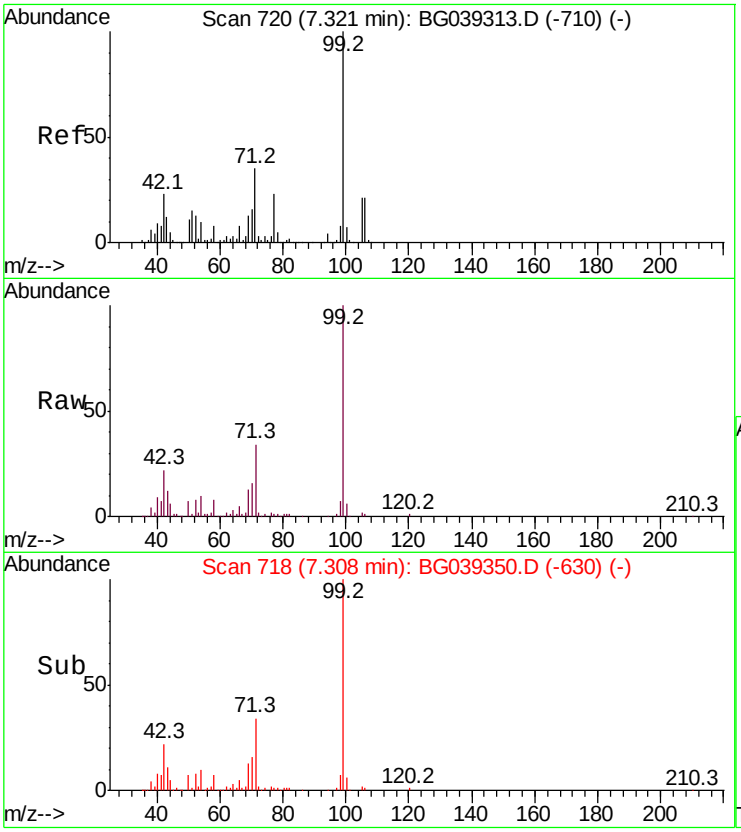


#5
2-Fluorophenol
Concen: 64.337 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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



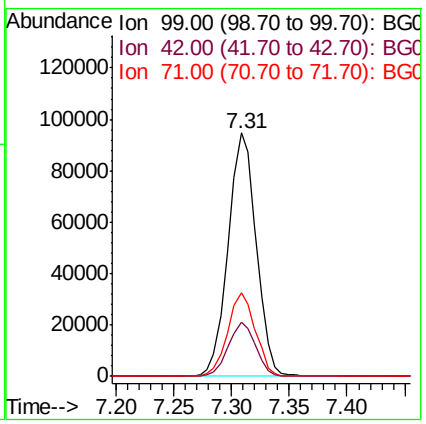


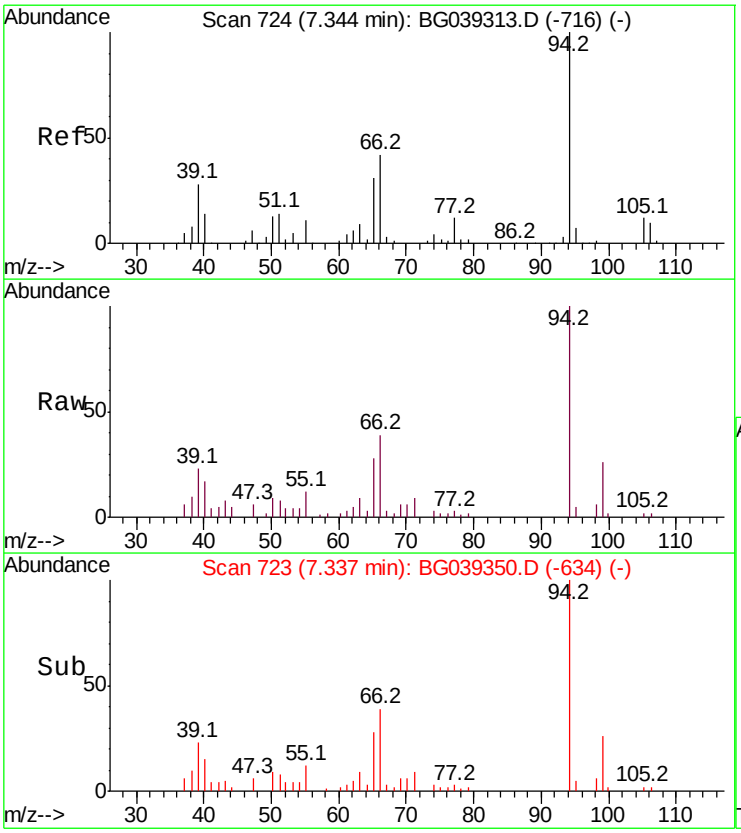
#7
Phenol-d6
Concen: 38.116 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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

Tgt Ion: 99 Resp: 159093

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.2	27.2
71	34.4	28.0	42.0

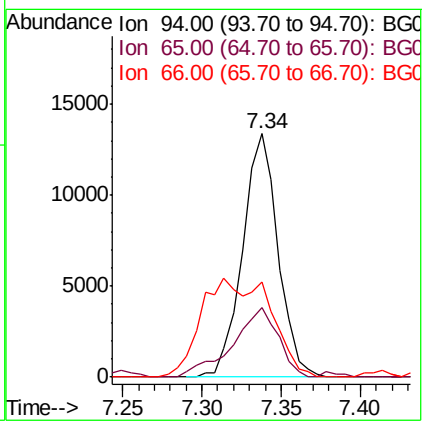


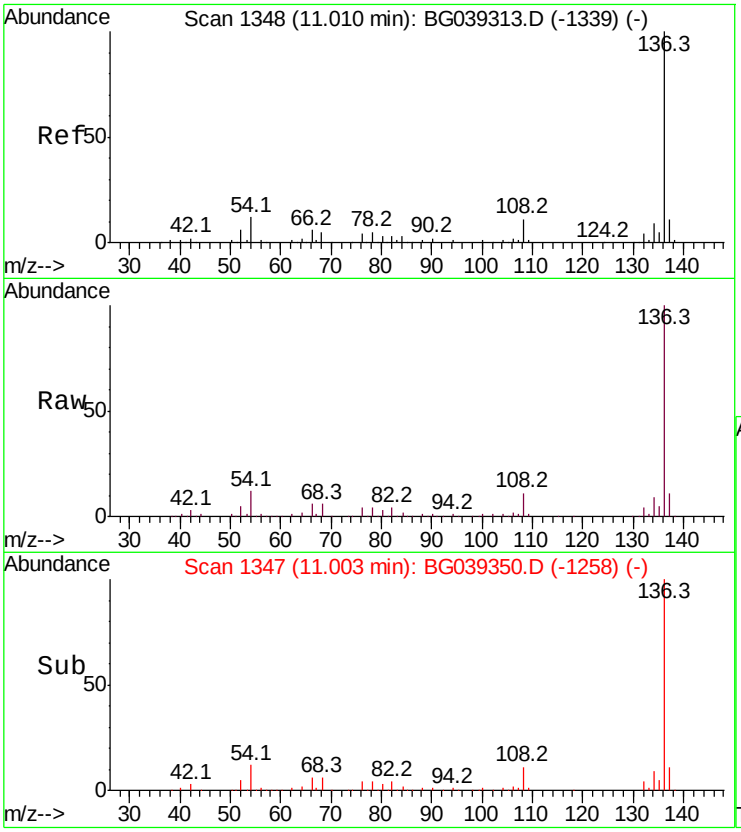


#10
Phenol
Concen: 4.760 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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



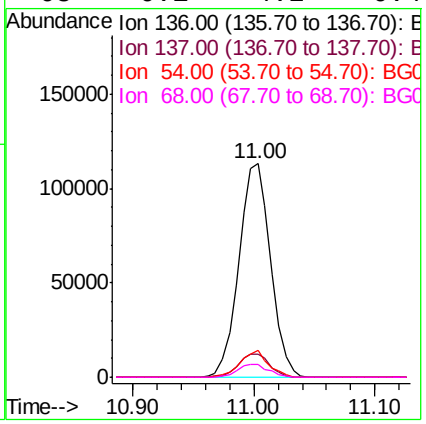


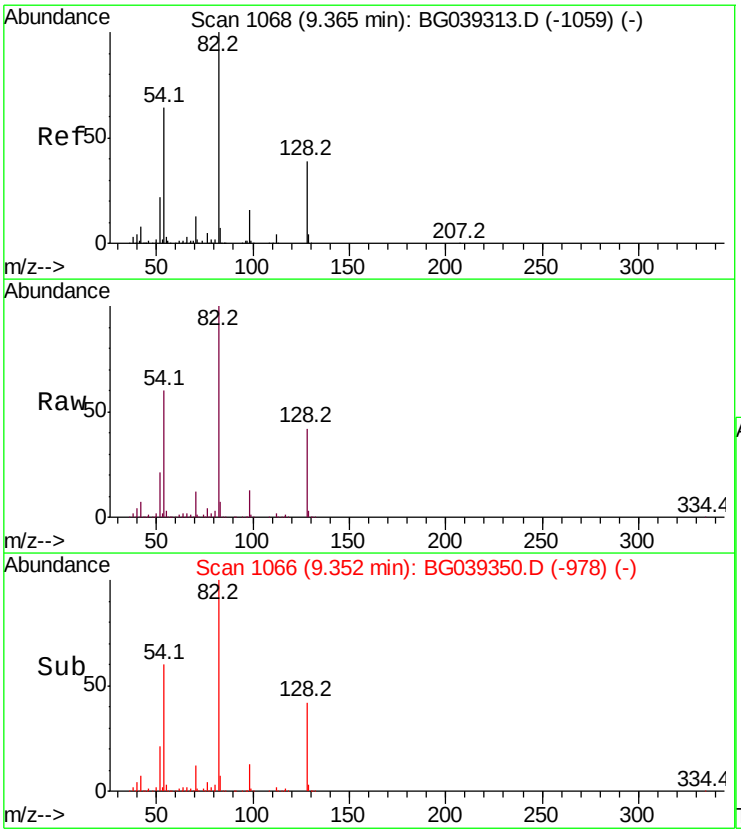
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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

Tgt 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

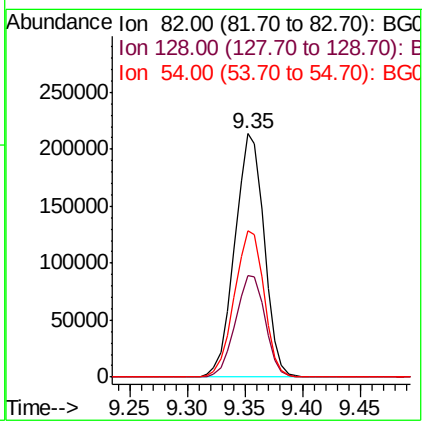


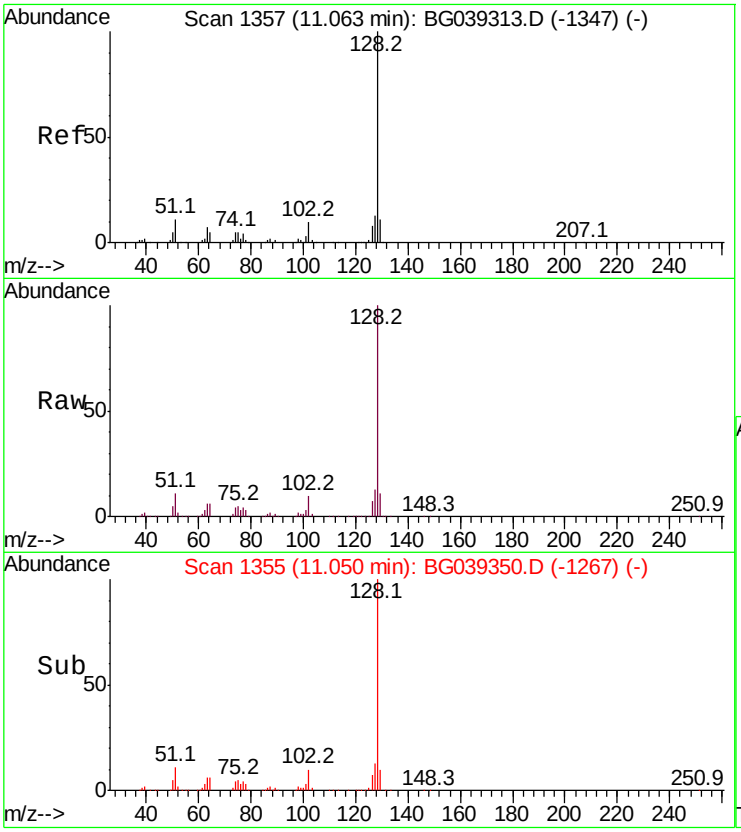


#23
Nitrobenzene-d5
Concen: 113.944 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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



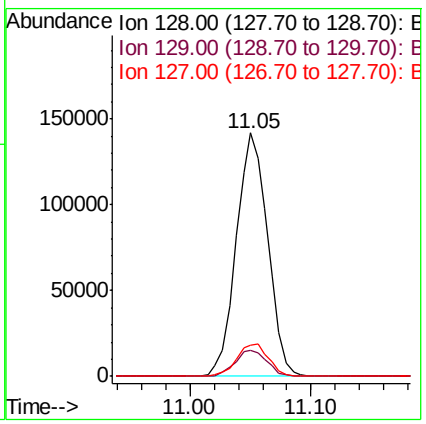


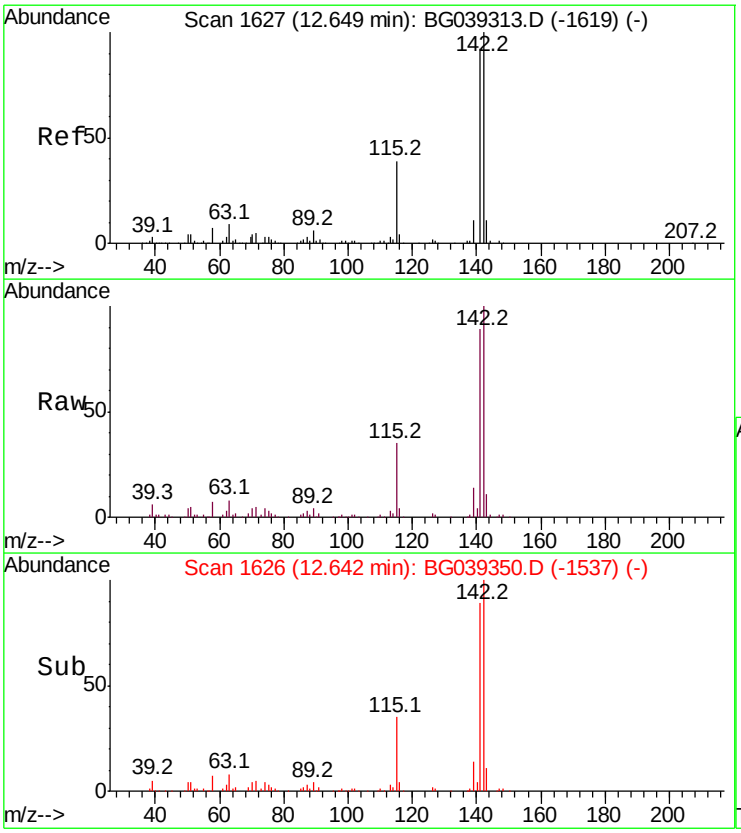
#31
Naphthalene
Concen: 25.093 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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

Tgt Ion:128 Resp: 256283

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	12.7	10.8	16.2

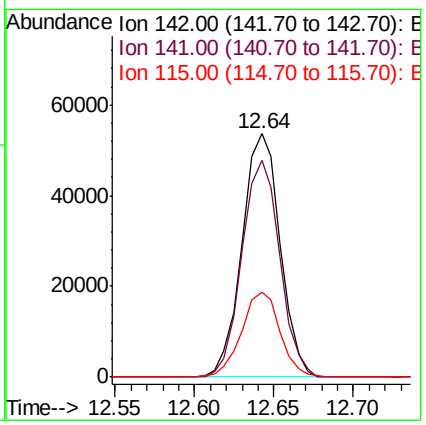


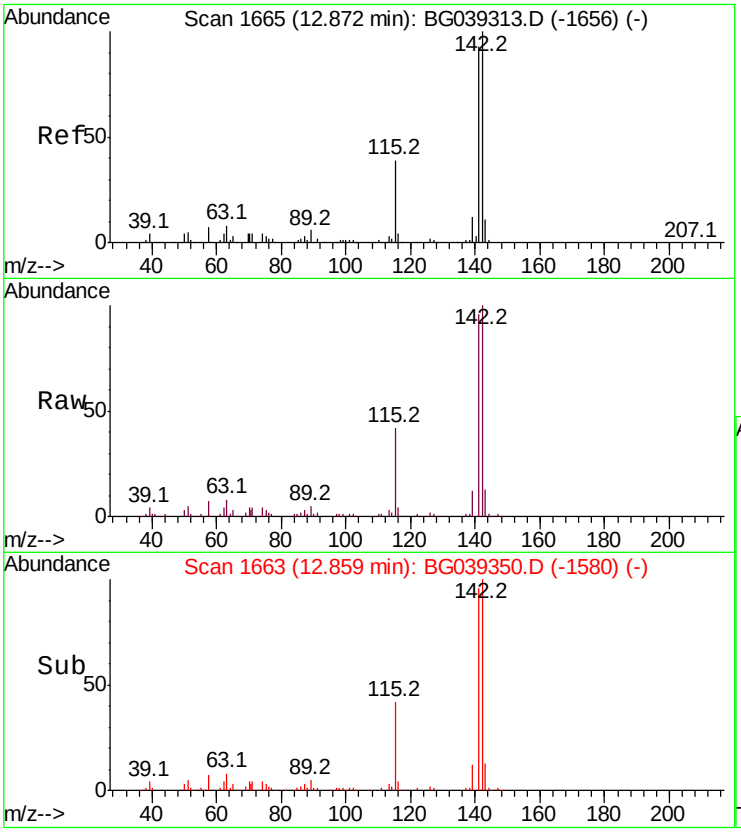


#37
2-Methylnaphthalene
Concen: 11.819 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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



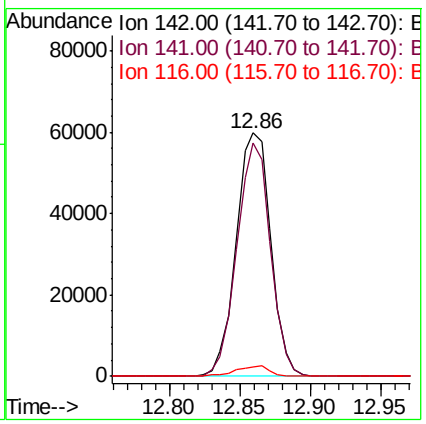


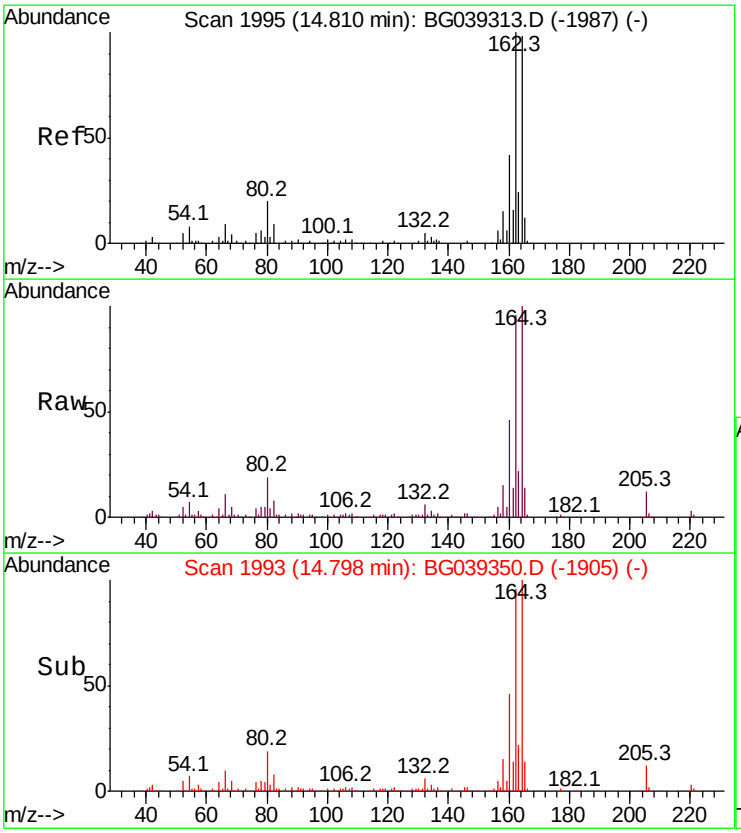
#38
1-Methylnaphthalene
Concen: 14.037 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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

Tgt Ion:142 Resp: 102356

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

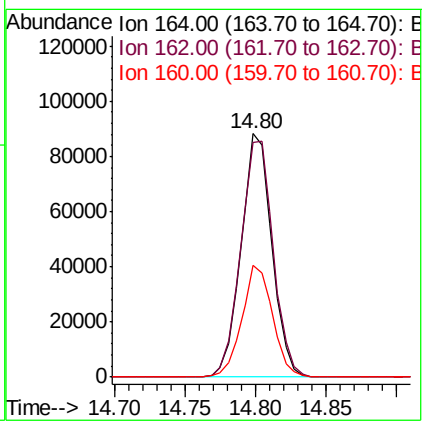


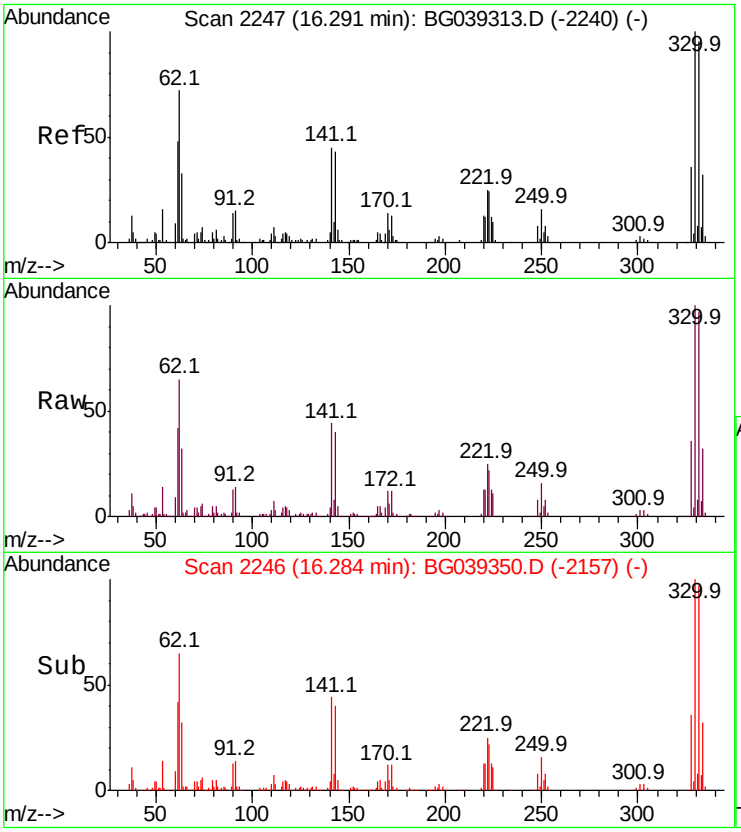


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

Tgt Ion:164 Resp: 134140

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



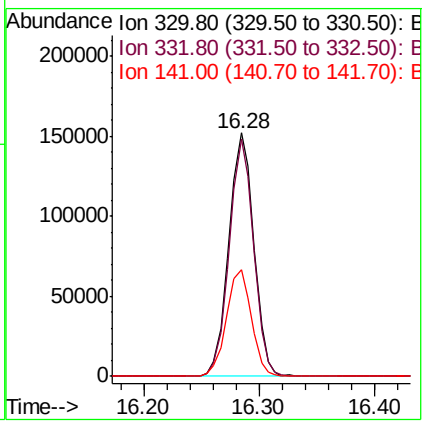


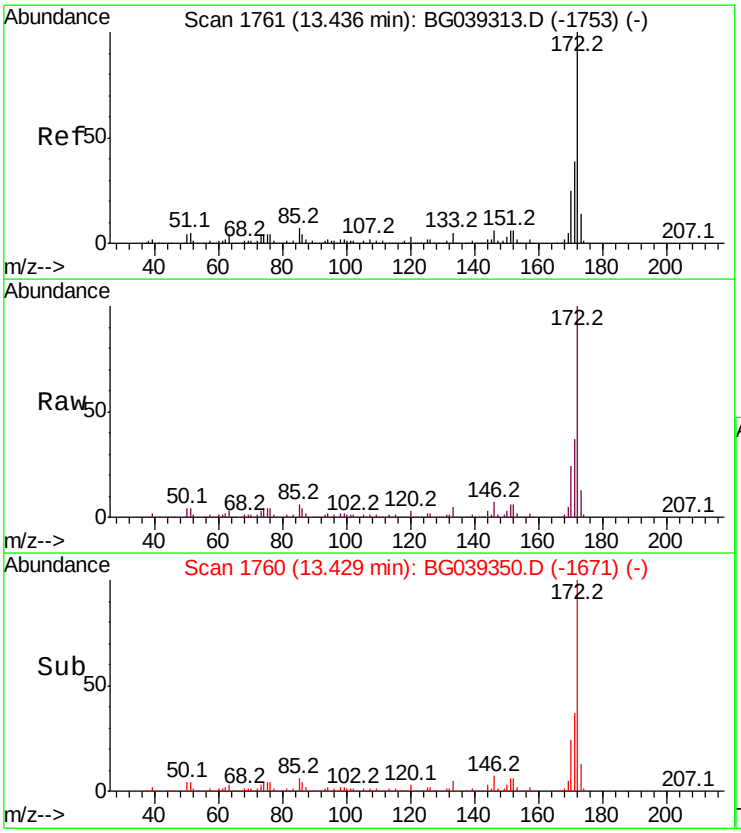
#42
2,4,6-Tribromophenol
Concen: 157.581 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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

Tgt Ion:330 Resp: 227619

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	43.9	35.6	53.4

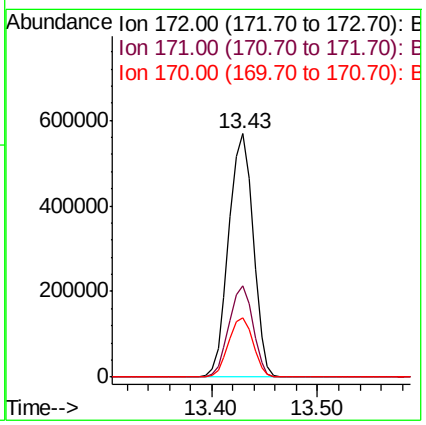


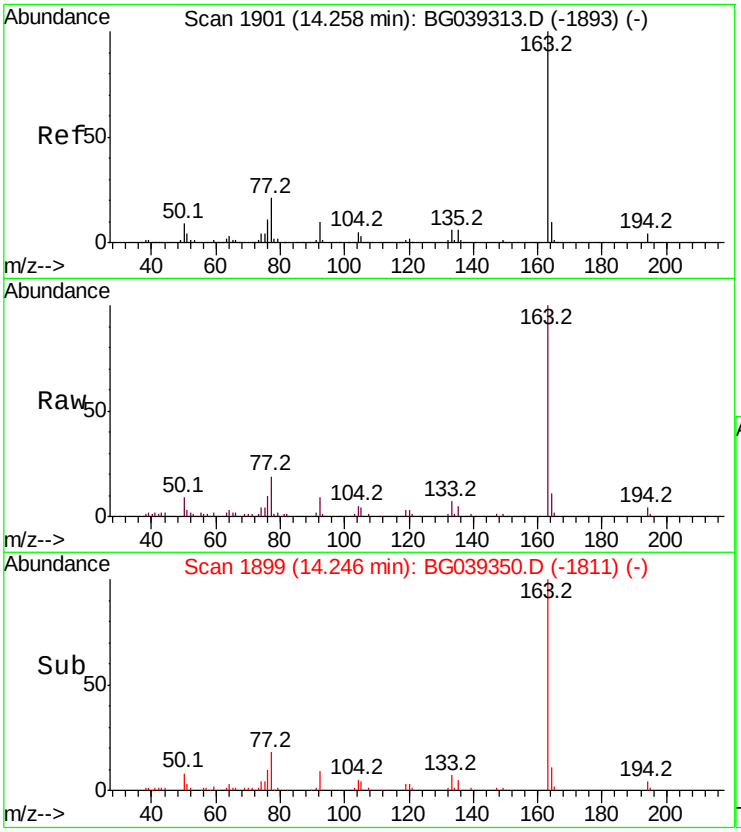


#45
2-Fluorobiphenyl
Concen: 97.051 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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



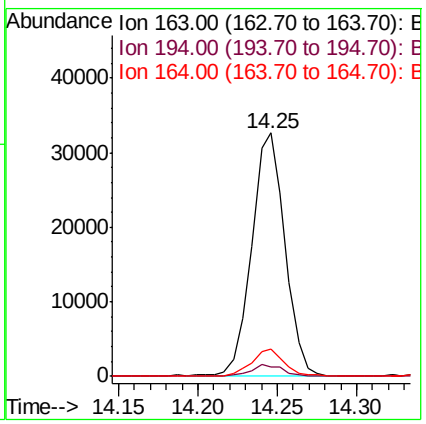


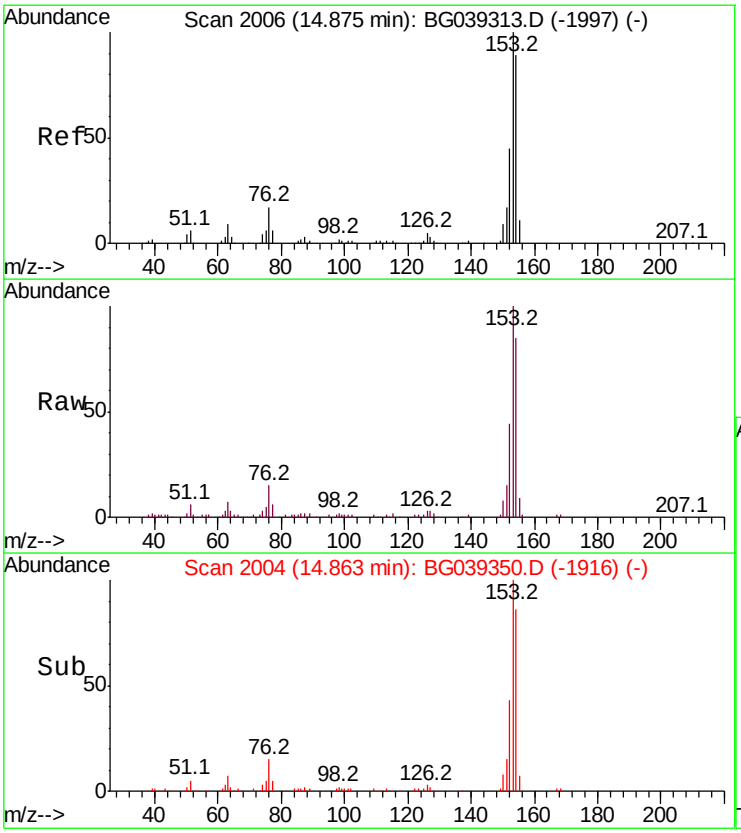
#50
Dimethylphthalate
Concen: 4.397 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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

Tgt Ion:163 Resp: 47641

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	11.1	8.4	12.6

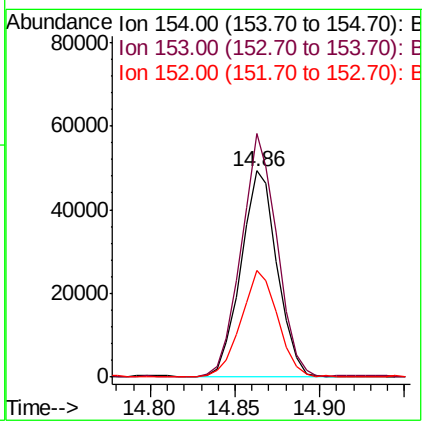


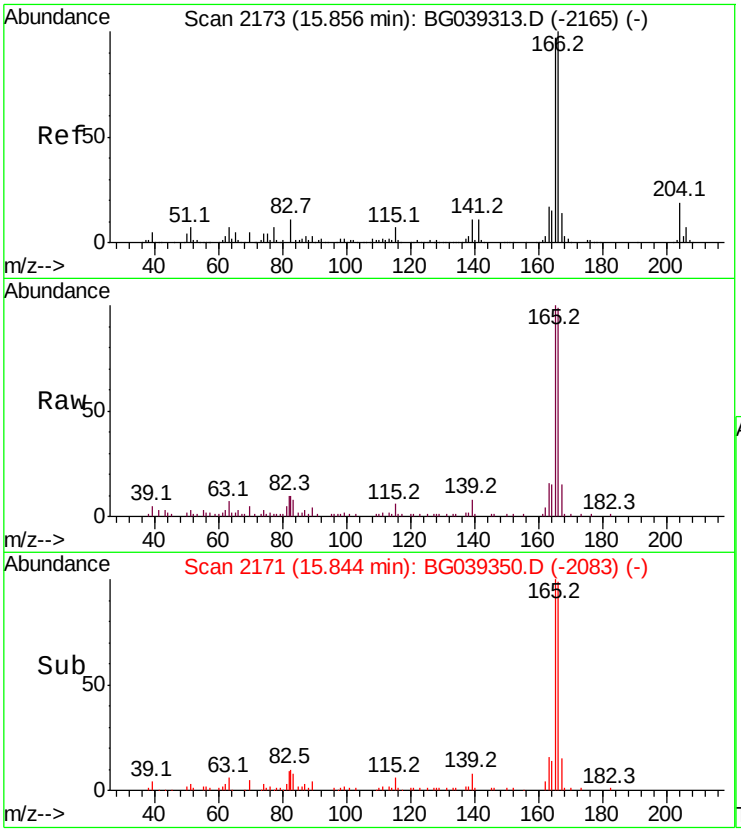


#52
Acenaphthene
Concen: 8.960 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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



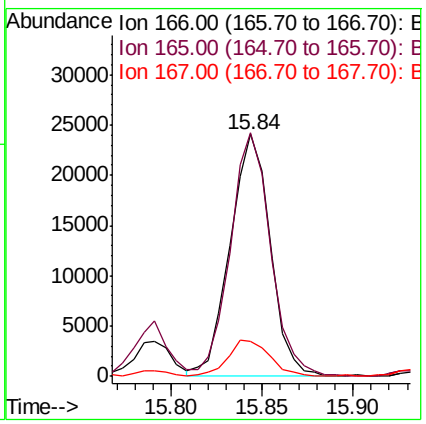


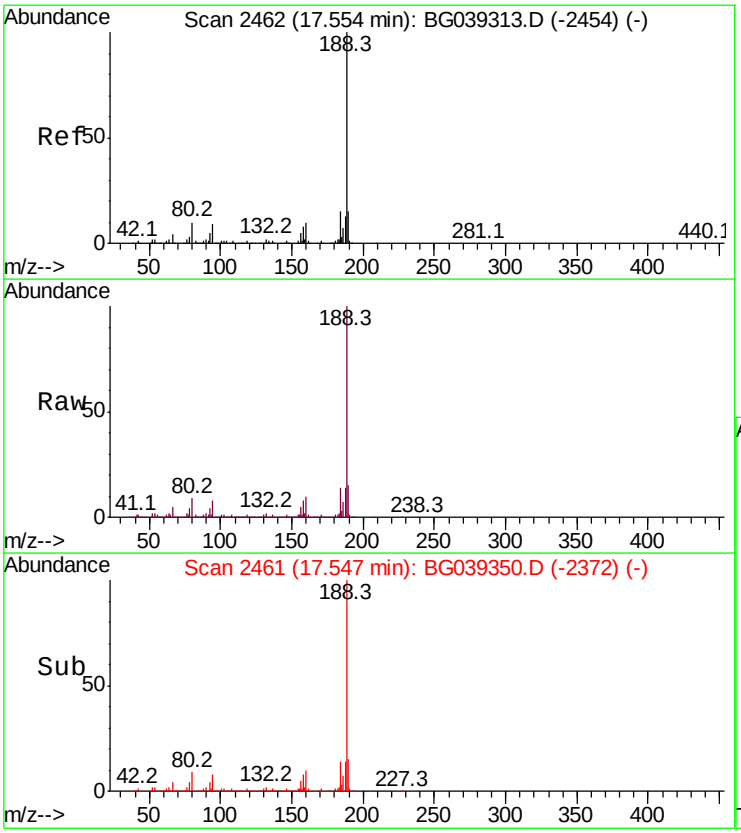
#58
Fluorene
Concen: 3.755 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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

Tgt Ion:166 Resp: 36912

Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.9	116.9
167	14.6	10.8	16.2

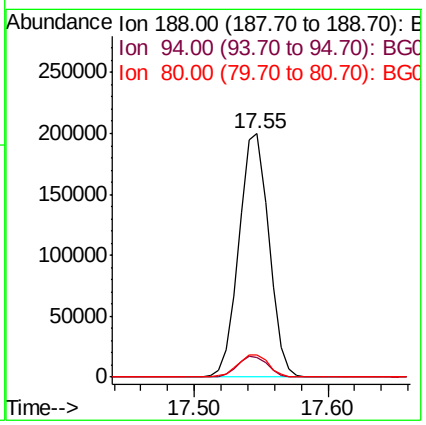


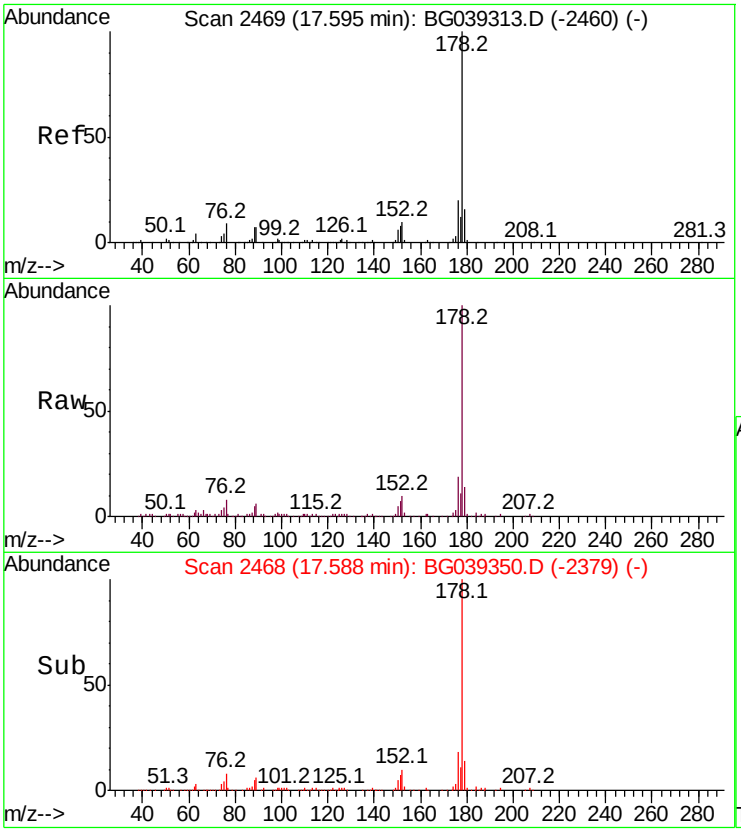


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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



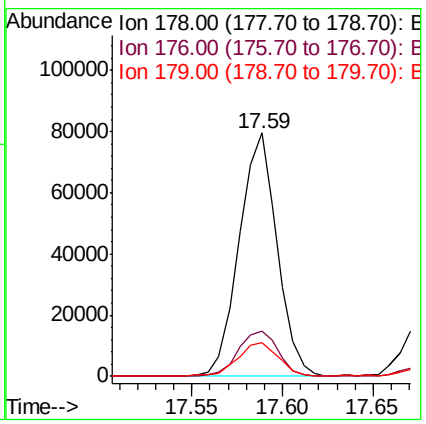


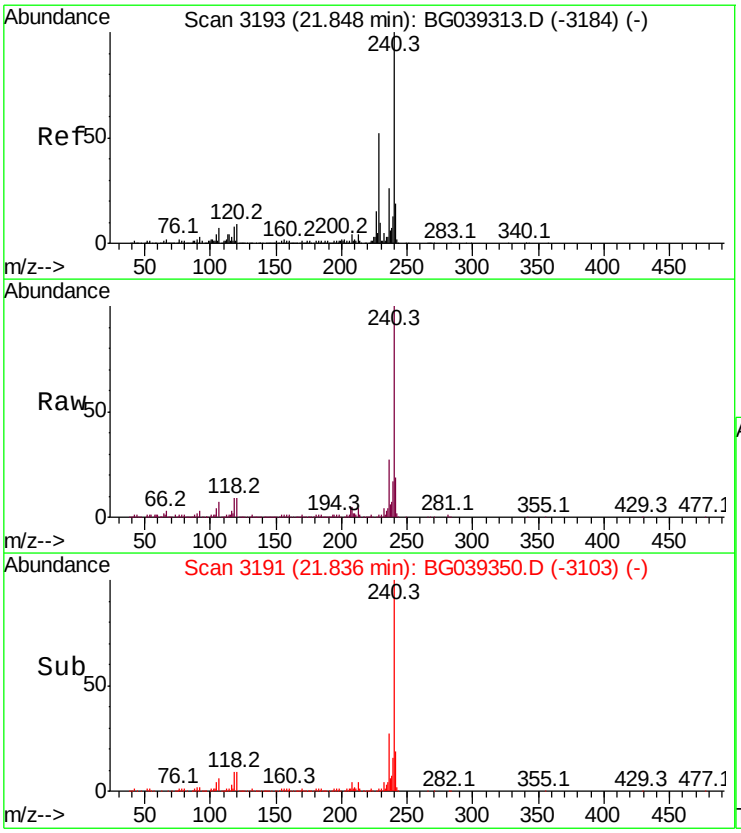
#71
Phenanthrene
Concen: 7.236 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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

Tgt Ion:178 Resp: 115660

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	14.0	12.6	19.0

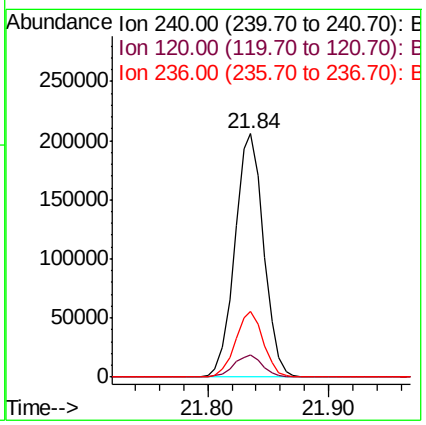


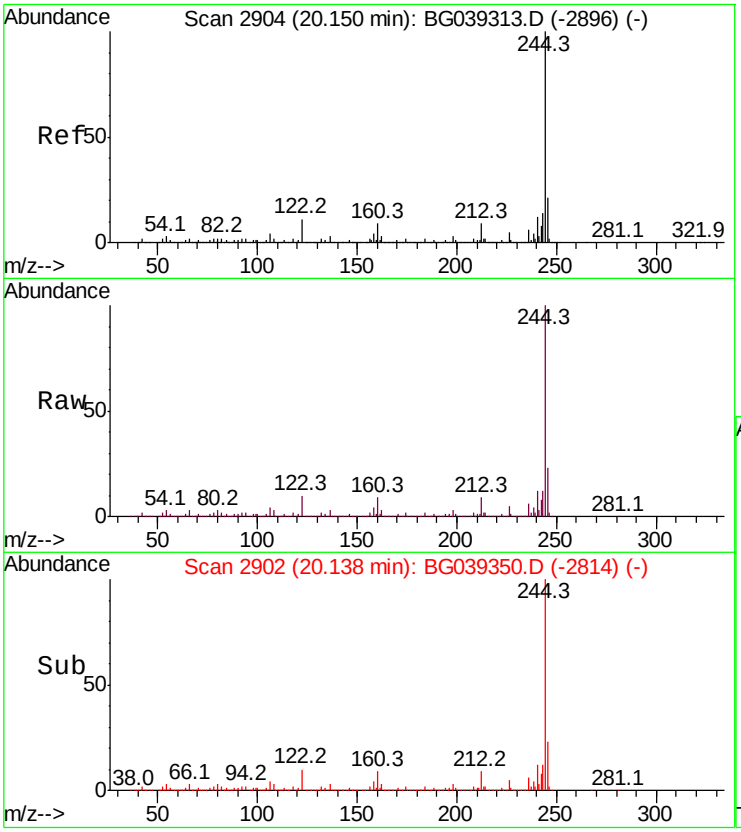


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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



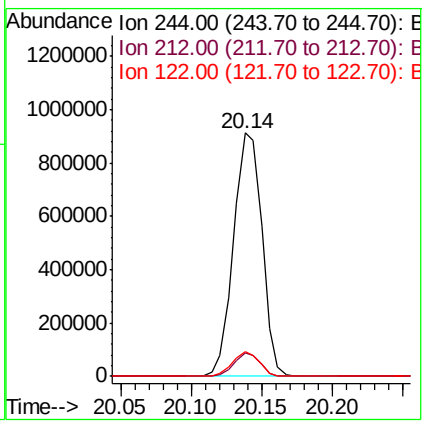


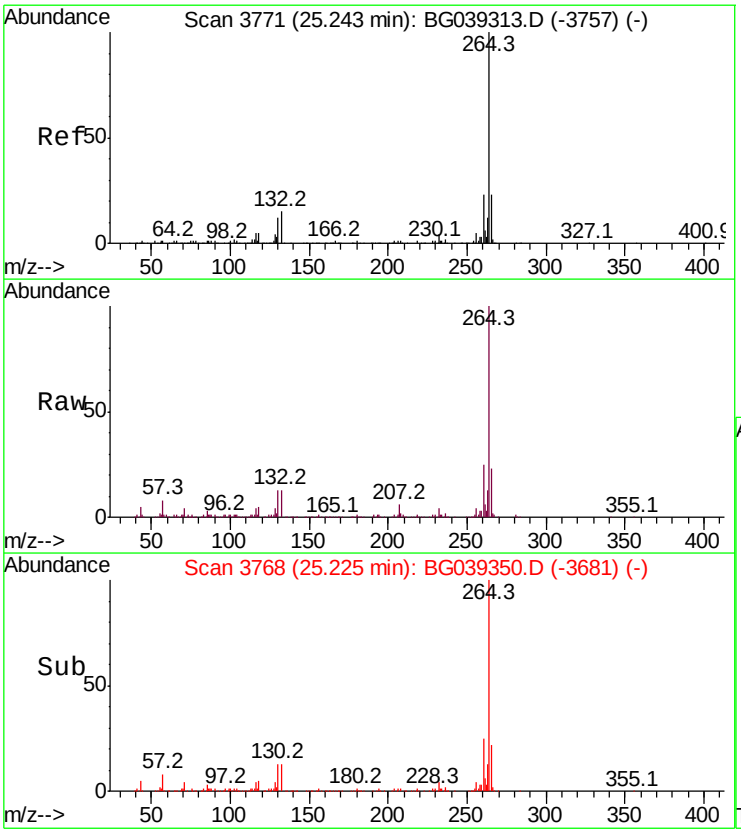
#79
Terphenyl-d14
Concen: 79.122 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039350.D
Acq: 1 Feb 2019 19:52

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

Tgt Ion:244 Resp: 1278036

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	10.4	8.4	12.6





#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