Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
Data File : BG042837.D
Acq On : 14 Sep 2019 5:59
Operator : HP/JU
Sample : K4857-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 16 01:01:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	110528	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	422738	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	270499	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	558474	20.00	ng		0.00
76) Chrysene-d12	21.76	240	532305	20.00	ng		0.00
87) Perylene-d12	25.03	264	598955	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	654365	102.93	ng		0.00
7) Phenol-d6	7.27	99	974820	106.83	ng		0.00
23) Nitrobenzene-d5	9.28	82	615262	75.77	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	357327	99.29	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1123724	65.76	ng		0.00
79) Terphenyl-d14	20.09	244	1484622	61.81	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.30	94	42773	4.571	ng		95
32) Benzoic acid	10.26	122	340	6.026	ng		91
37) 2-Methylnaphthalene	12.57	142	54125	3.462	ng		96
38) 1-Methylnaphthalene	12.57	142	54125	3.691	ng		98
50) Dimethylphthalate	14.18	163	96033	4.739	ng	#	85
56) 4-Nitrophenol	14.94	139	8254	2.288	ng	#	46
71) Phenanthrene	17.52	178	144148	5.397	ng		96
72) Anthracene	17.52	178	144148	5.402	ng		97
78) Pyrene	19.88	202	115968	3.480	ng		93
84) Bis(2-ethylhexyl)phthalate	21.65	149	65718	3.566	ng		99

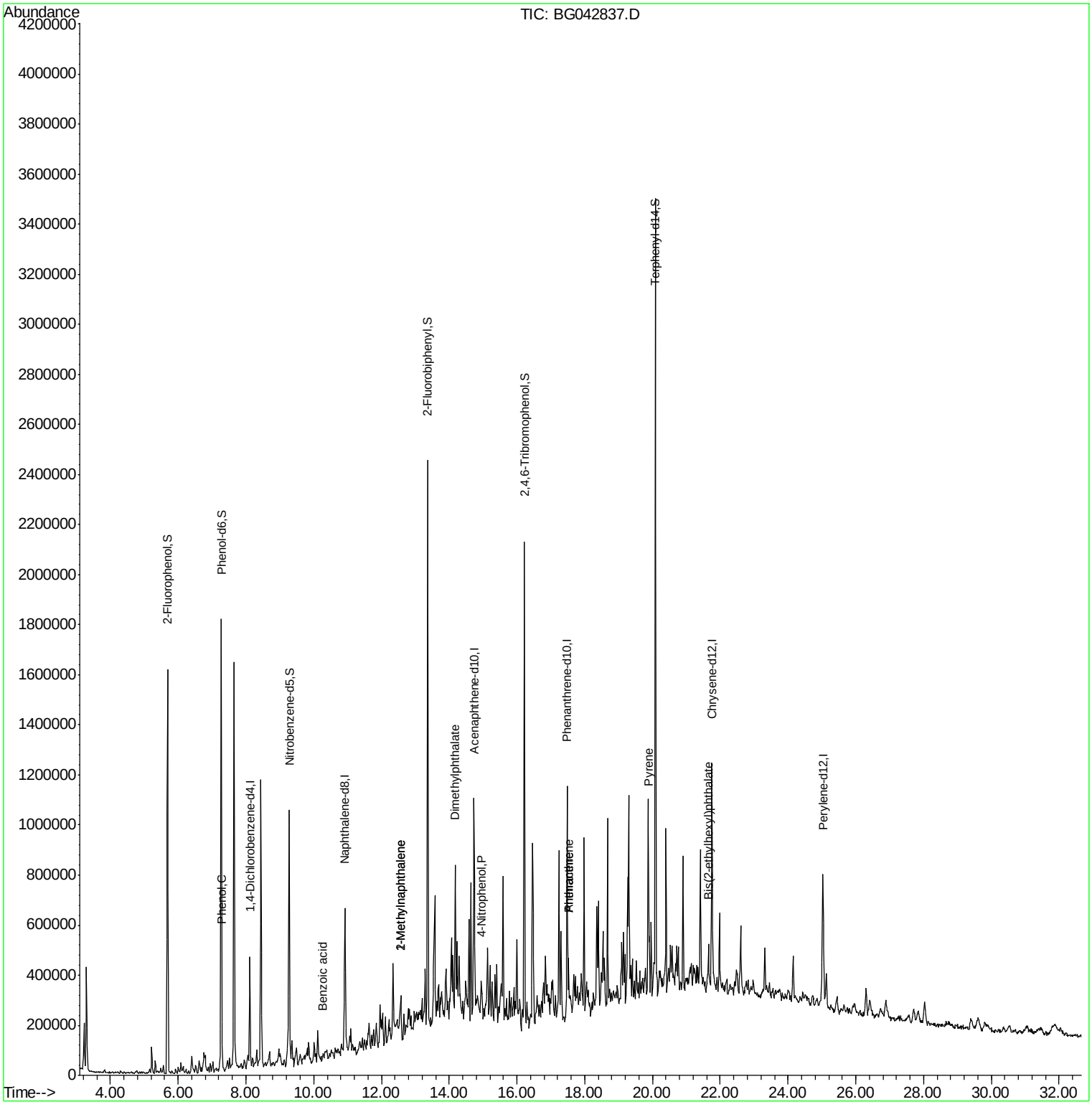
(#) = qualifier out of range (m) = manual integration (+) = signals summed

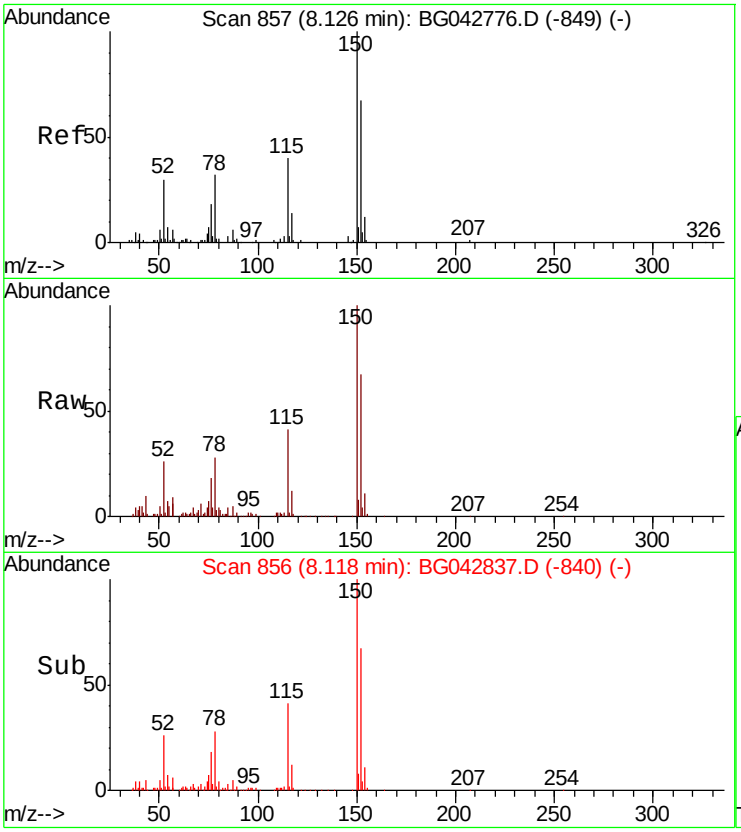
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
Data File : BG042837.D
Acq On : 14 Sep 2019 5:59
Operator : HP/JU
Sample : K4857-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 16 01:01:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



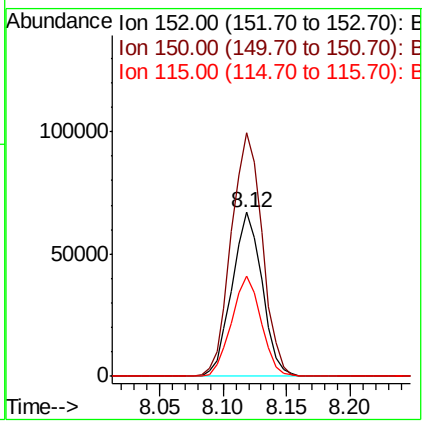


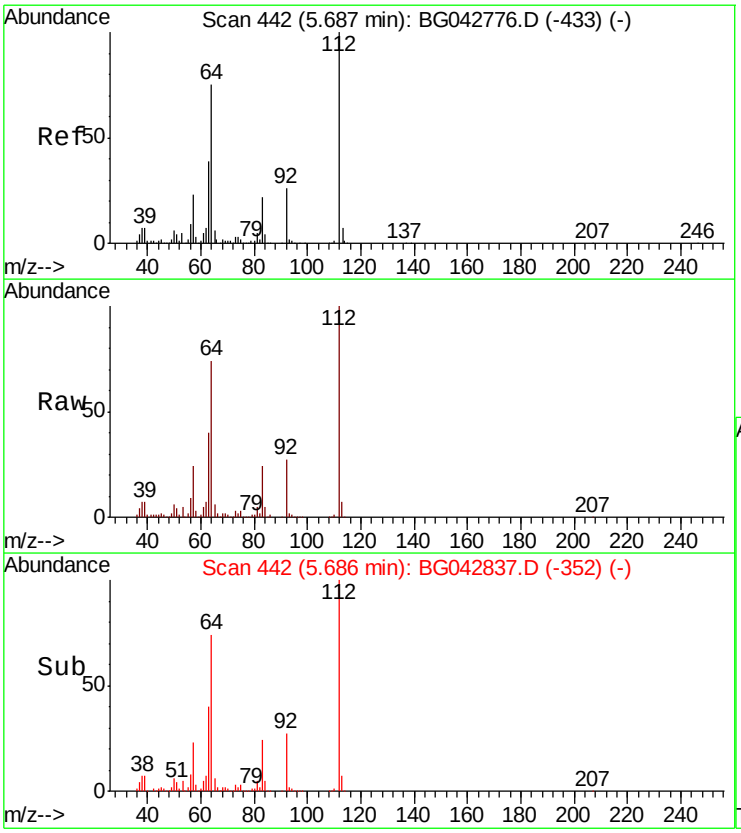
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 110528

Ion	Ratio	Lower	Upper
152	100		
150	148.6	118.9	178.3
115	61.4	47.4	71.2

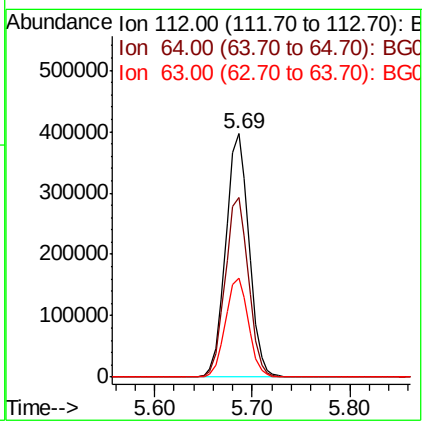


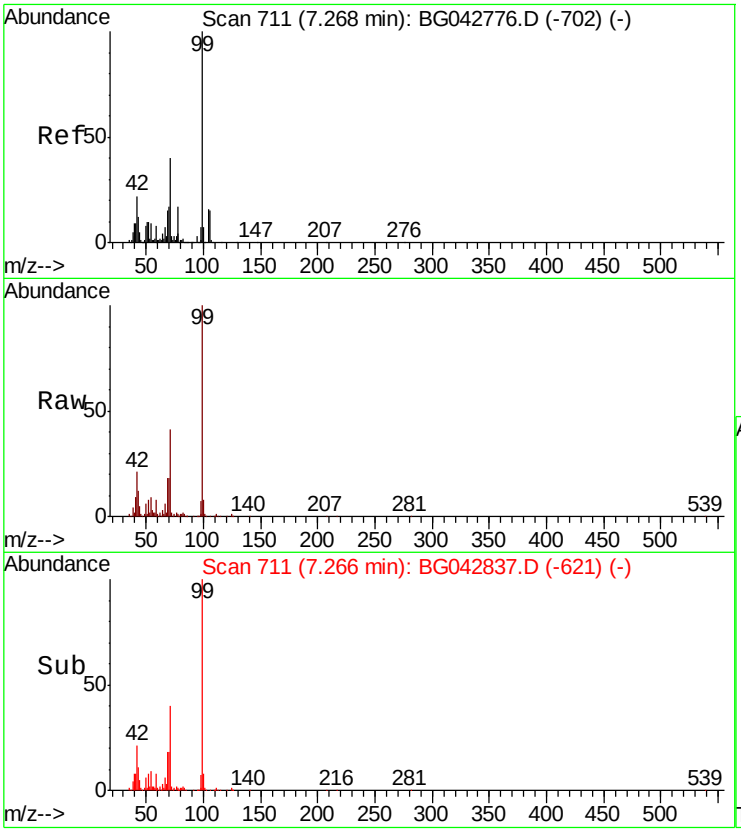


#5
2-Fluorophenol
Concen: 102.928 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion:112 Resp: 654365

Ion	Ratio	Lower	Upper
112	100		
64	73.5	60.2	90.2
63	40.5	31.2	46.8



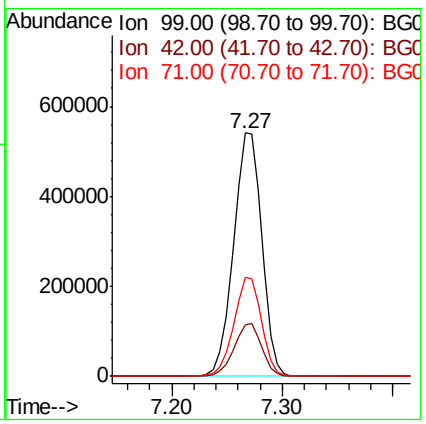


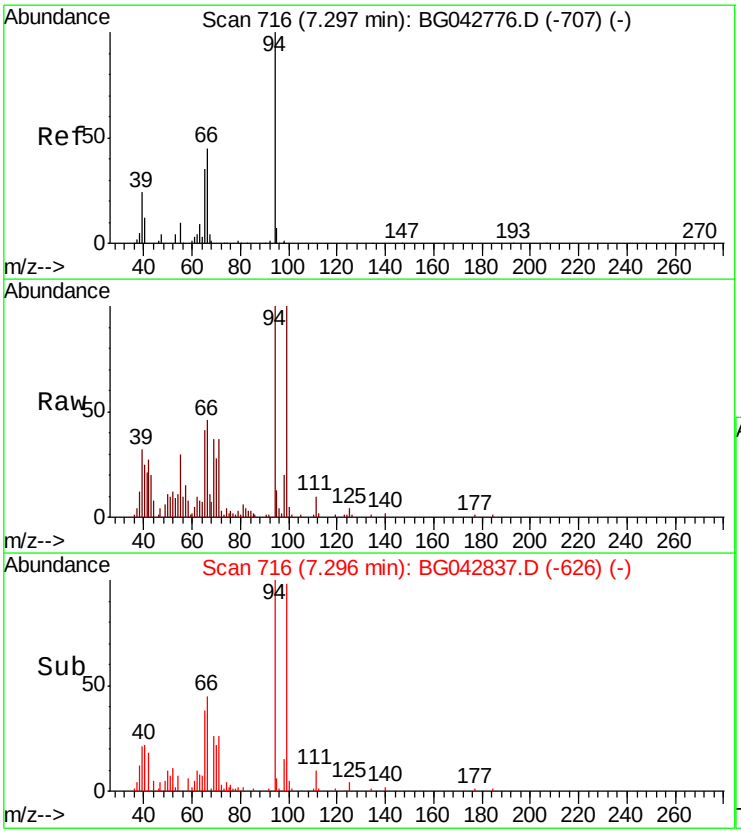
#7
Phenol-d6
Concen: 106.828 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 974820

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.5	26.3
71	40.8	32.0	48.0

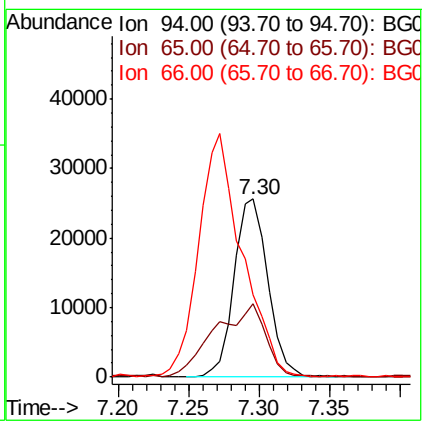


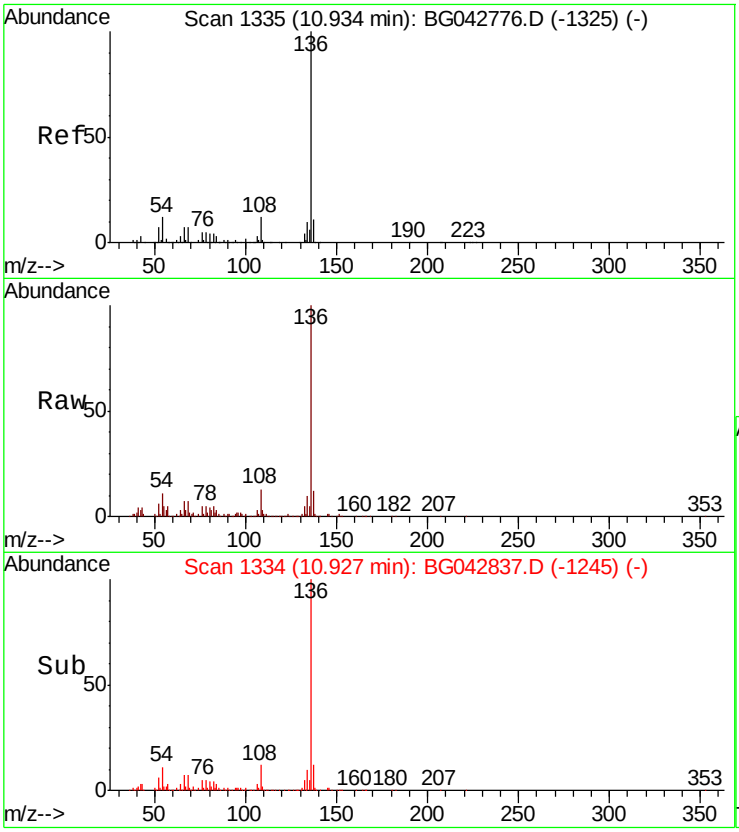


#10
Phenol
Concen: 4.571 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion: 94 Resp: 42773

Ion	Ratio	Lower	Upper
94	100		
65	41.0	15.0	55.0
66	46.2	26.1	66.1



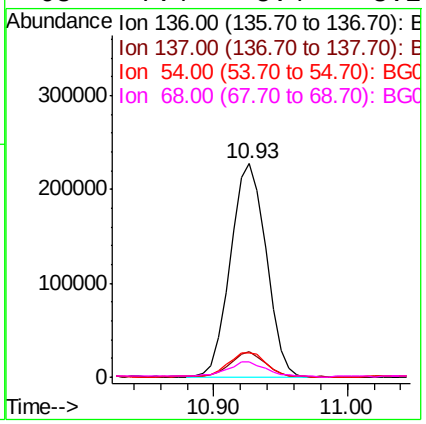


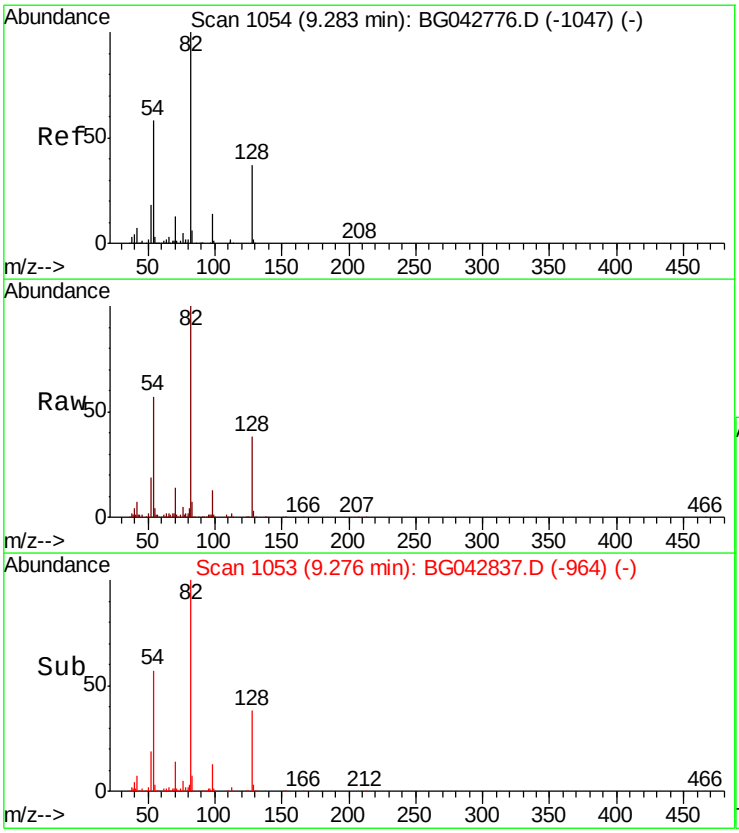
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 422738

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.6
54	11.4	9.4	14.0
68	7.4	5.4	8.2

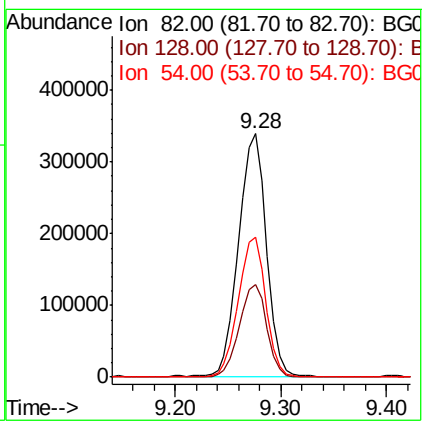


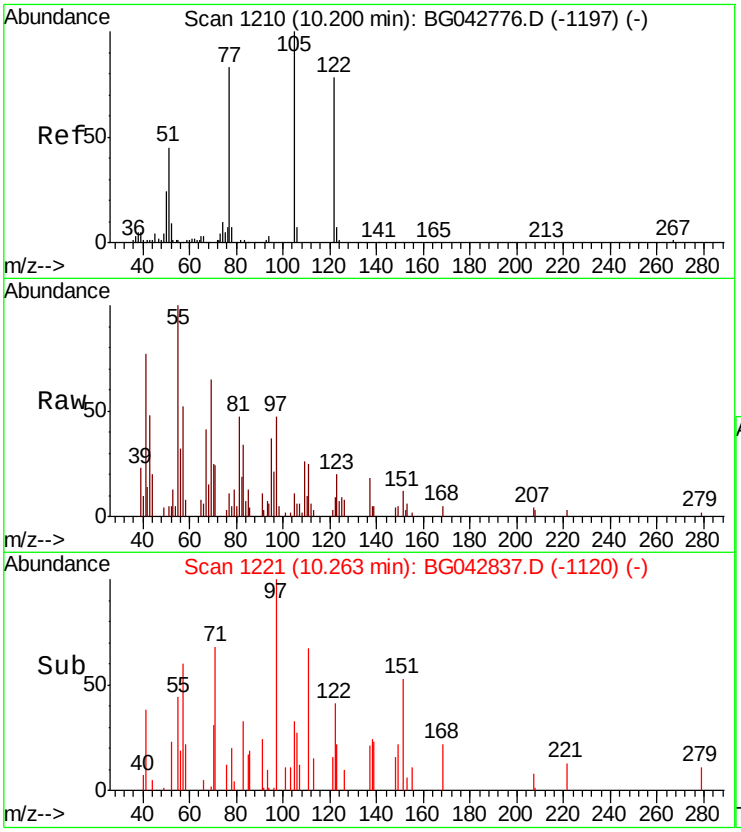


#23
Nitrobenzene-d5
Concen: 75.773 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion: 82 Resp: 615262

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.8	44.8
54	57.2	46.1	69.1



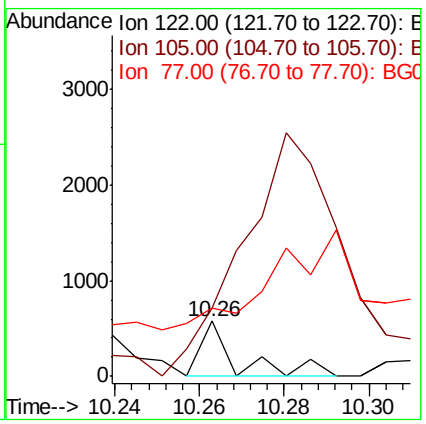


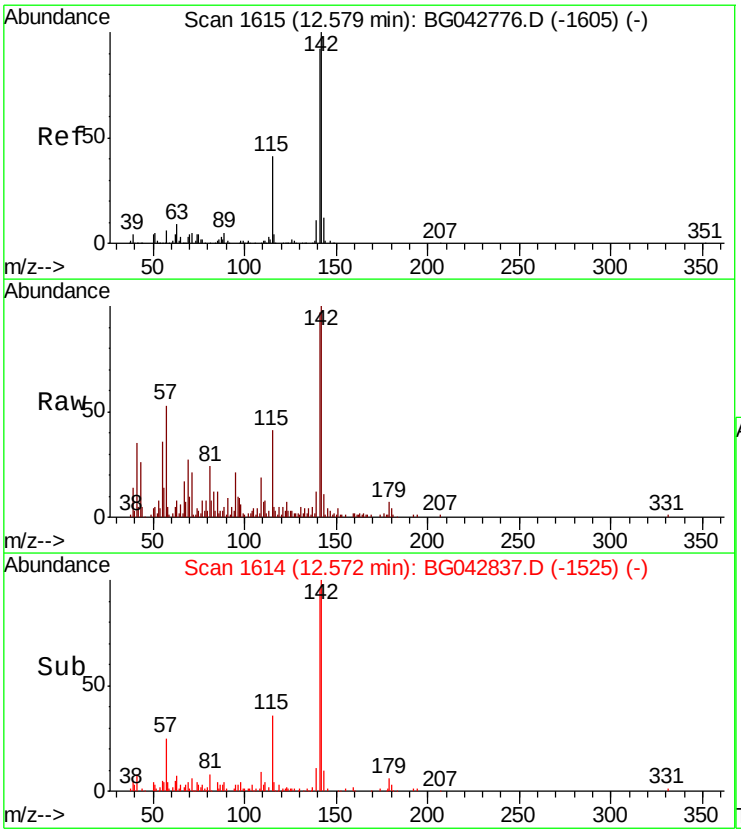
#32
Benzoic acid
Concen: 6.026 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.06 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 340

Ion	Ratio	Lower	Upper
122	100		
105	123.7	104.0	144.0
77	124.1	84.2	124.2

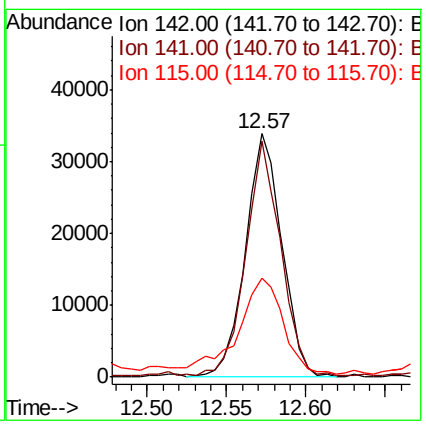


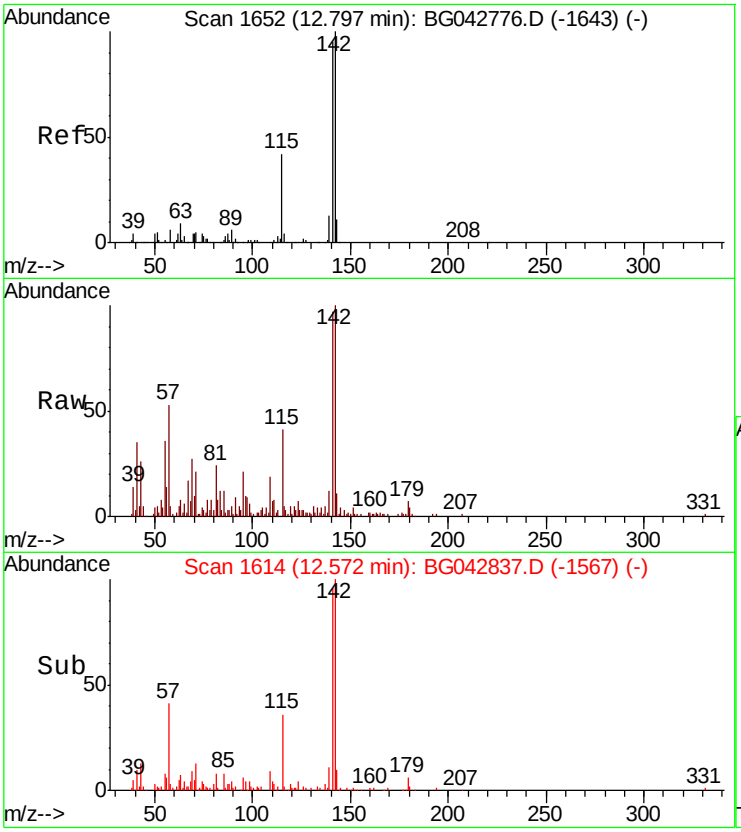


#37
2-Methylnaphthalene
Concen: 3.462 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion:142 Resp: 54125

Ion	Ratio	Lower	Upper
142	100		
141	96.9	73.8	110.8
115	40.8	33.0	49.4



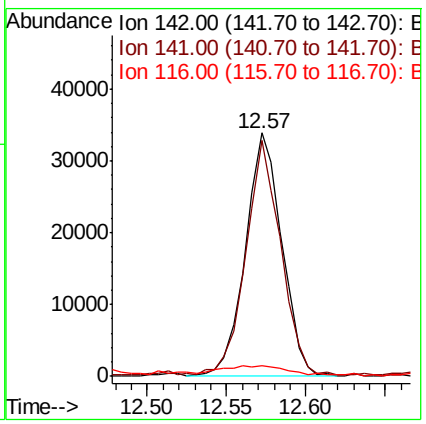


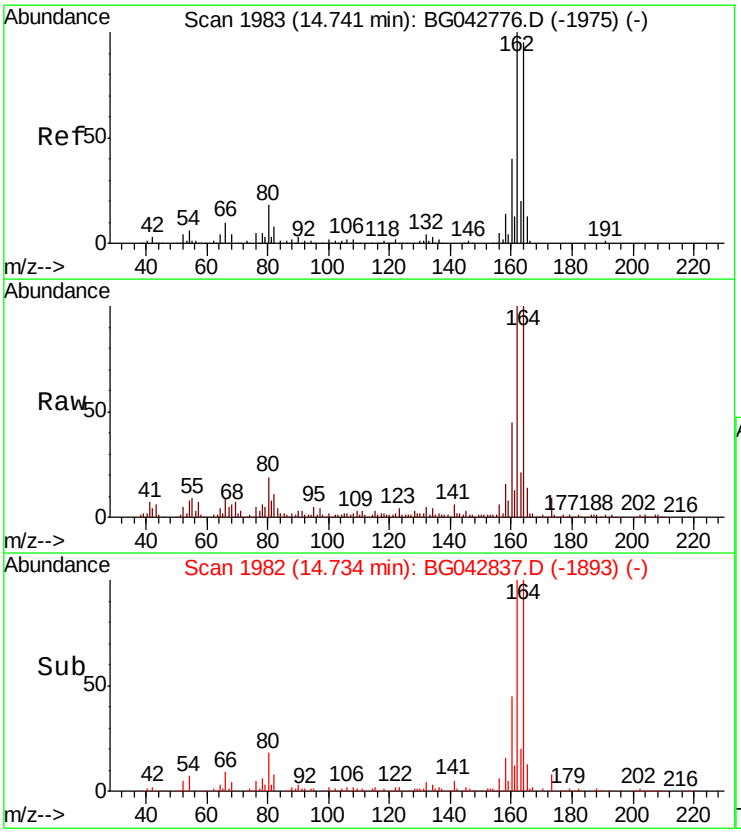
#38
1-Methylnaphthalene
Concen: 3.691 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.22 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 54125

Ion	Ratio	Lower	Upper
142	100		
141	96.9	76.3	114.5
116	4.6	3.4	5.0

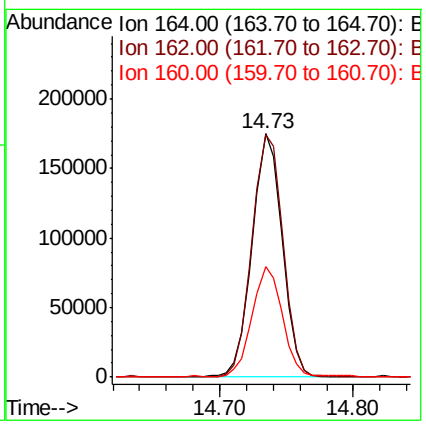


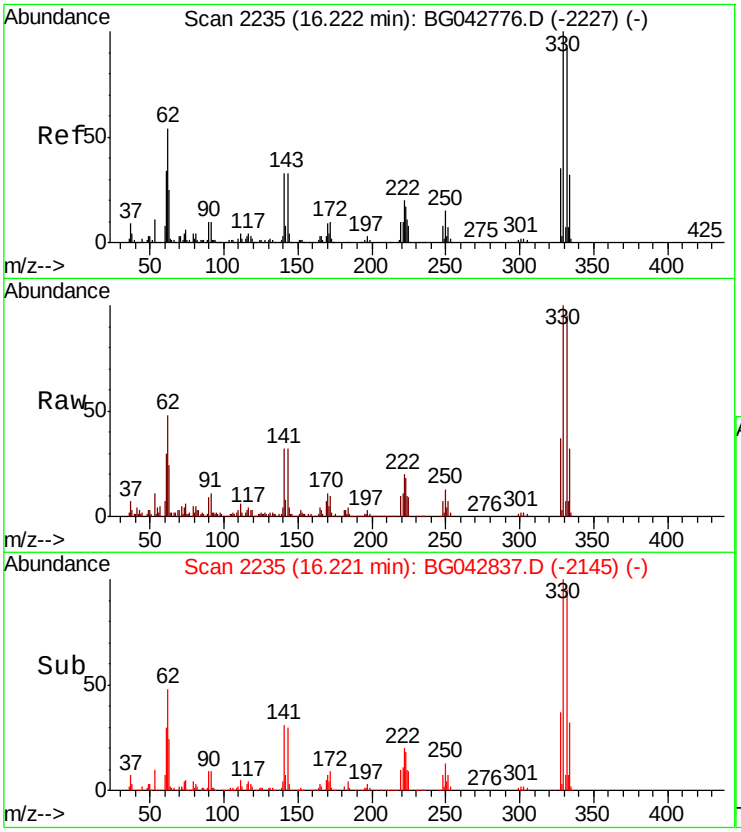


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion:164 Resp: 270499

Ion	Ratio	Lower	Upper
164	100		
162	99.5	84.6	126.8
160	45.4	34.2	51.2



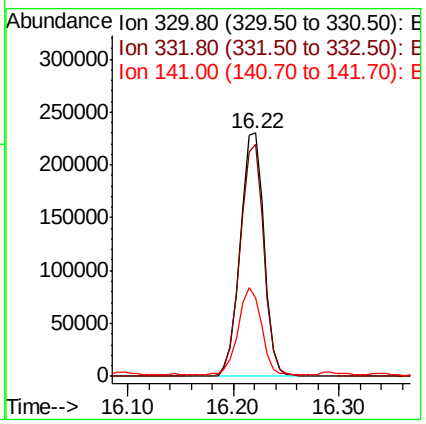


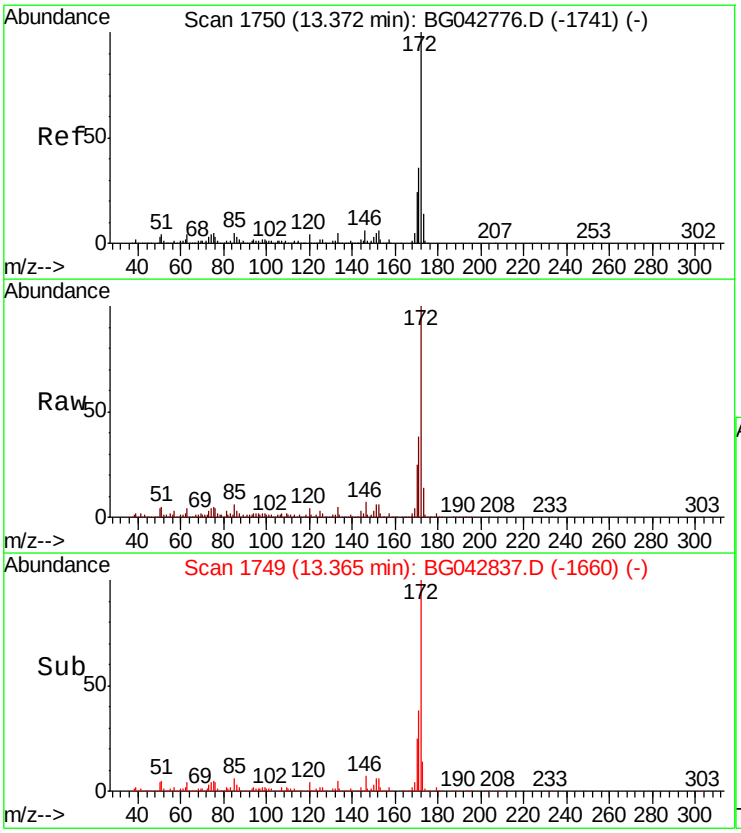
#42
2,4,6-Tribromophenol
Concen: 99.291 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 357327

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.7	115.1
141	35.4	27.0	40.6

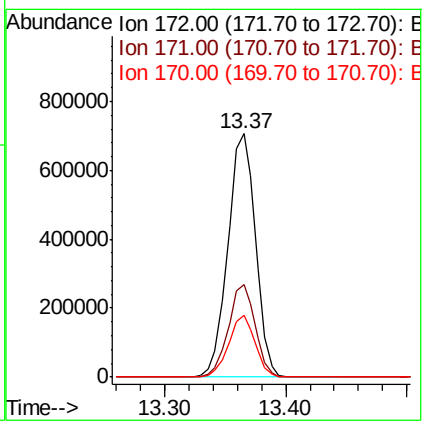


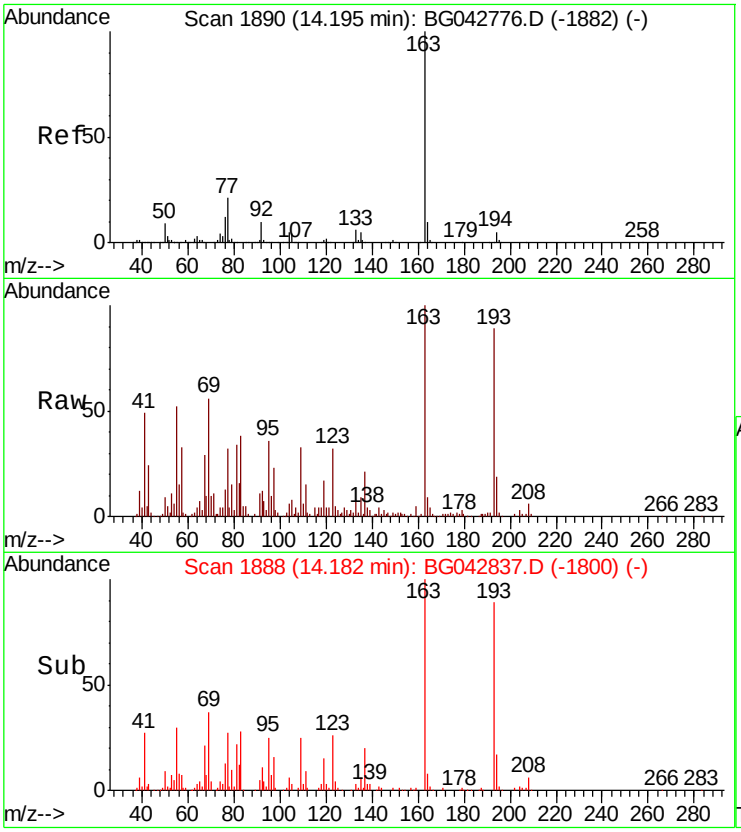


#45
2-Fluorobiphenyl
Concen: 65.759 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion:172 Resp: 1123724

Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.9	43.3
170	25.2	19.1	28.7



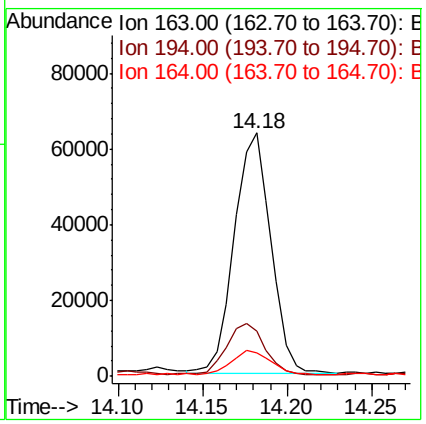


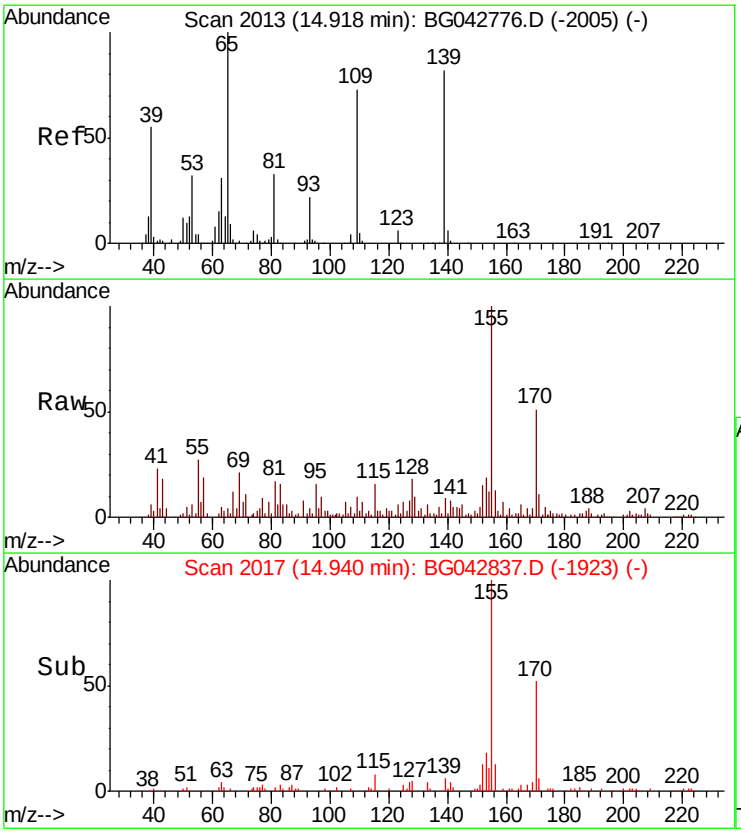
#50
Dimethylphthalate
Concen: 4.739 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 96033

Ion	Ratio	Lower	Upper
163	100		
194	18.8	4.2	6.4#
164	9.5	8.4	12.6

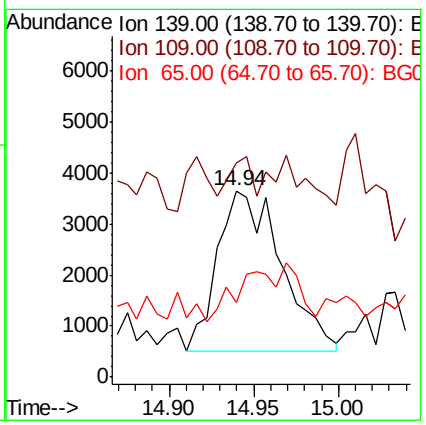


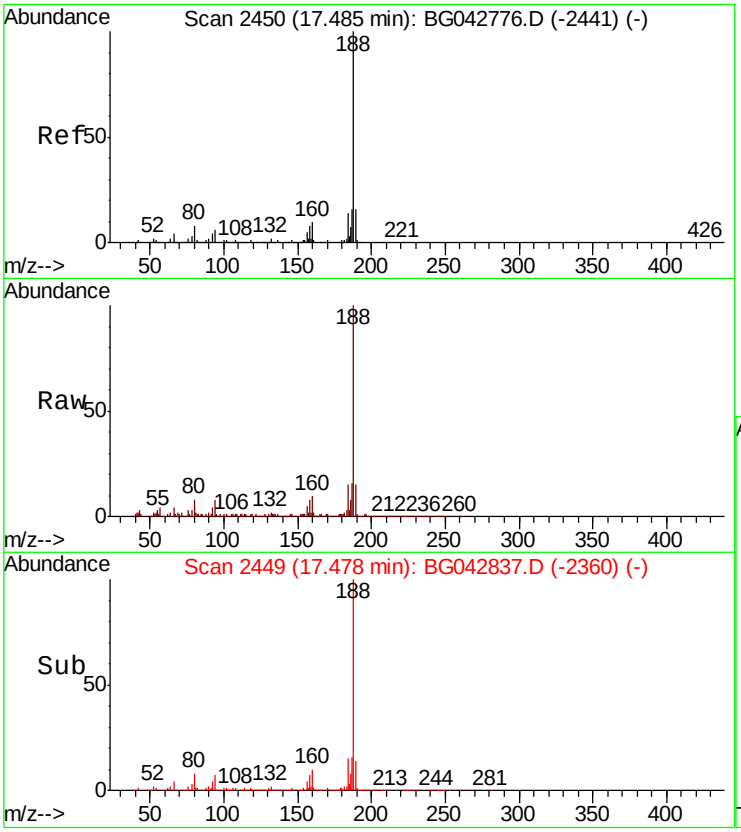


#56
4-Nitrophenol
Concen: 2.288 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.02 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion:139 Resp: 8254

Ion	Ratio	Lower	Upper
139	100		
109	114.6	69.4	109.4#
65	40.1	102.5	142.5#



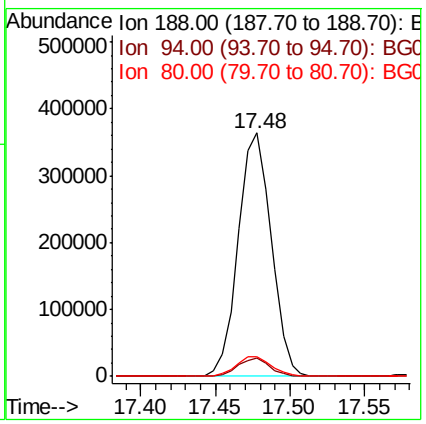


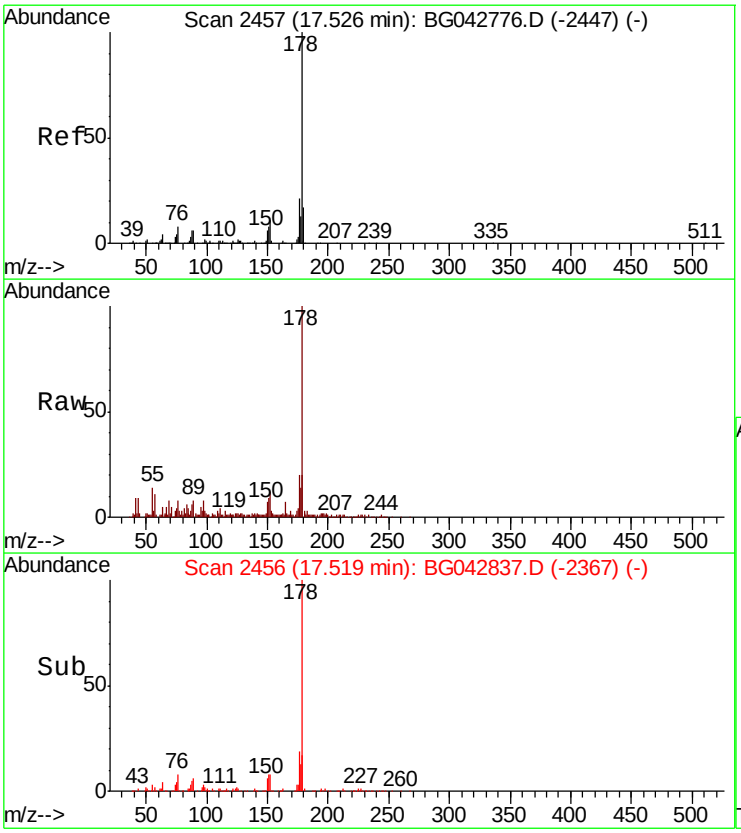
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 558474

Ion	Ratio	Lower	Upper
188	100		
94	7.6	4.8	7.2#
80	8.1	6.6	9.8

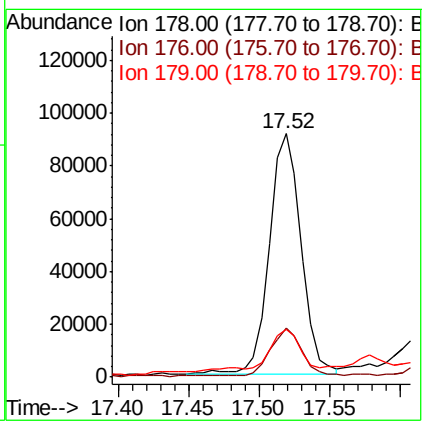


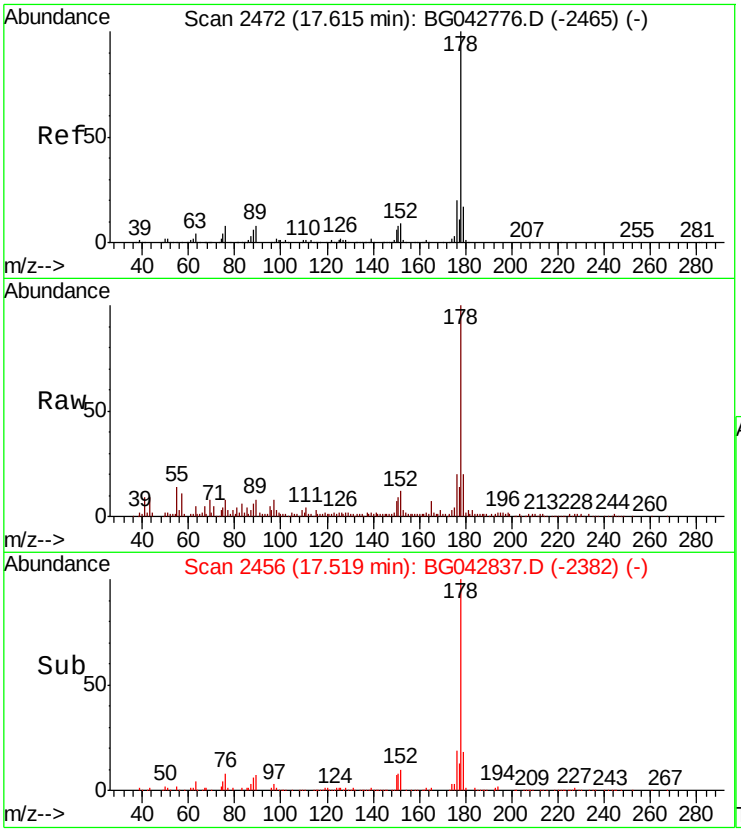


#71
Phenanthrene
Concen: 5.397 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion:178 Resp: 144148

Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.0	25.4
179	19.5	13.6	20.4



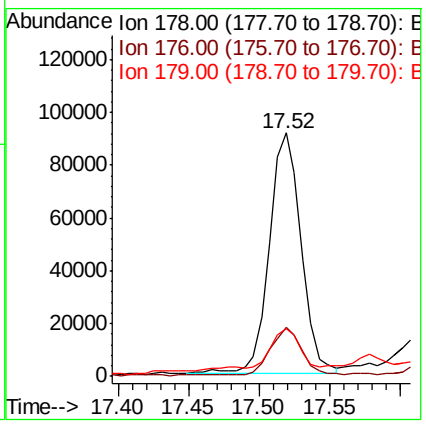


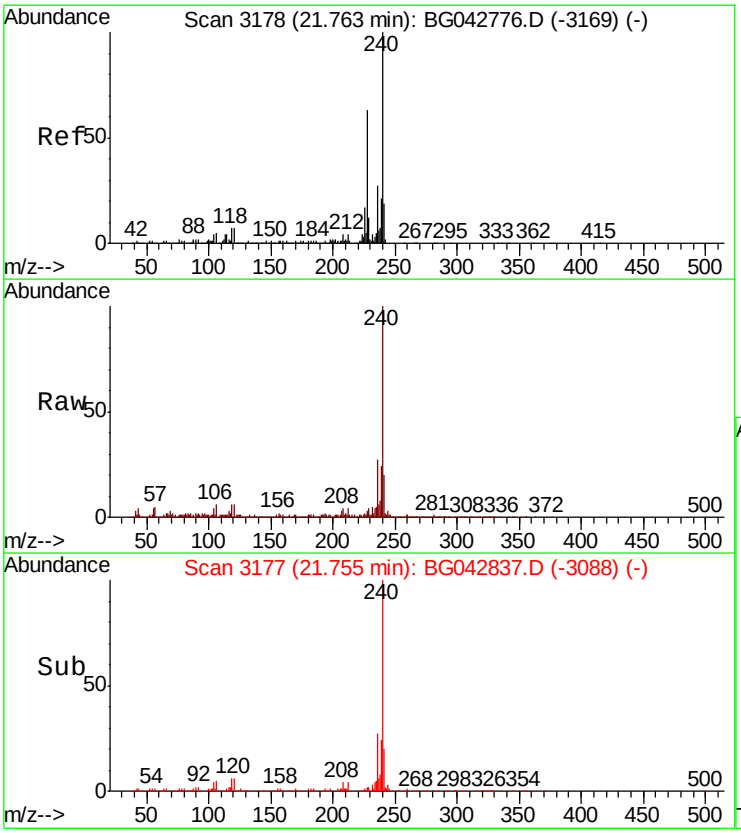
#72
Anthracene
Concen: 5.402 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.10 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 144148

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	19.5	13.6	20.4

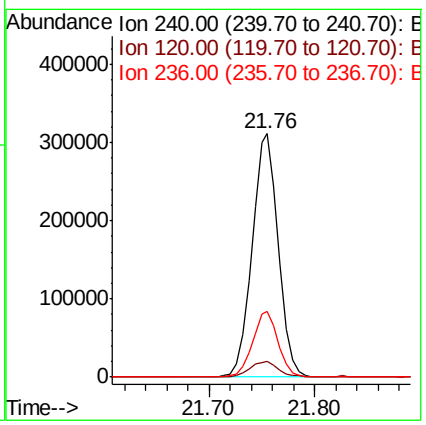


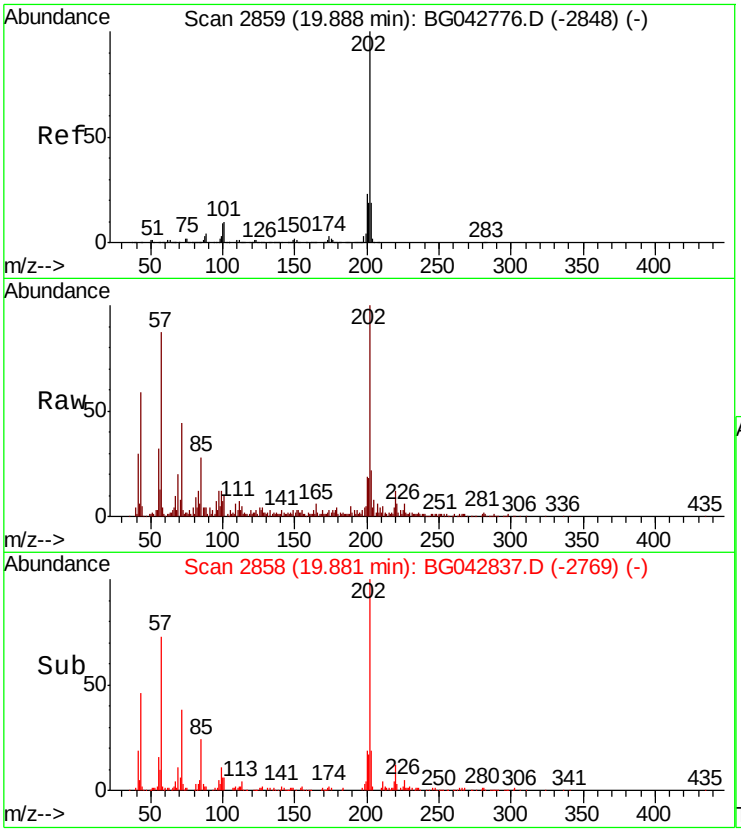


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion:240 Resp: 532305

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.4	8.2
236	27.1	21.7	32.5



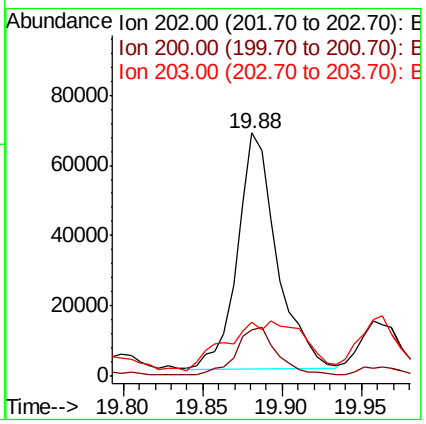


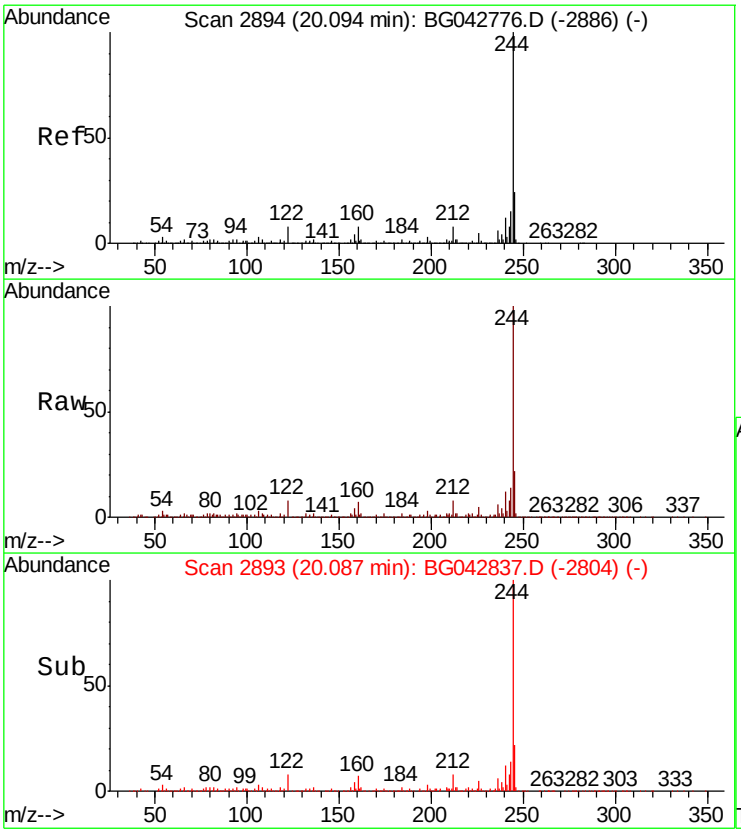
#78
Pyrene
Concen: 3.480 ng
RT: 19.88 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 115968

Ion	Ratio	Lower	Upper
202	100		
200	19.2	18.5	27.7
203	22.1	15.3	22.9

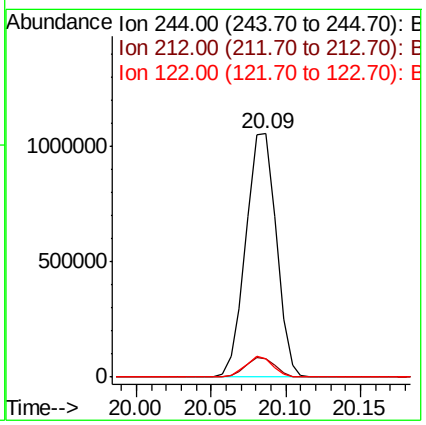


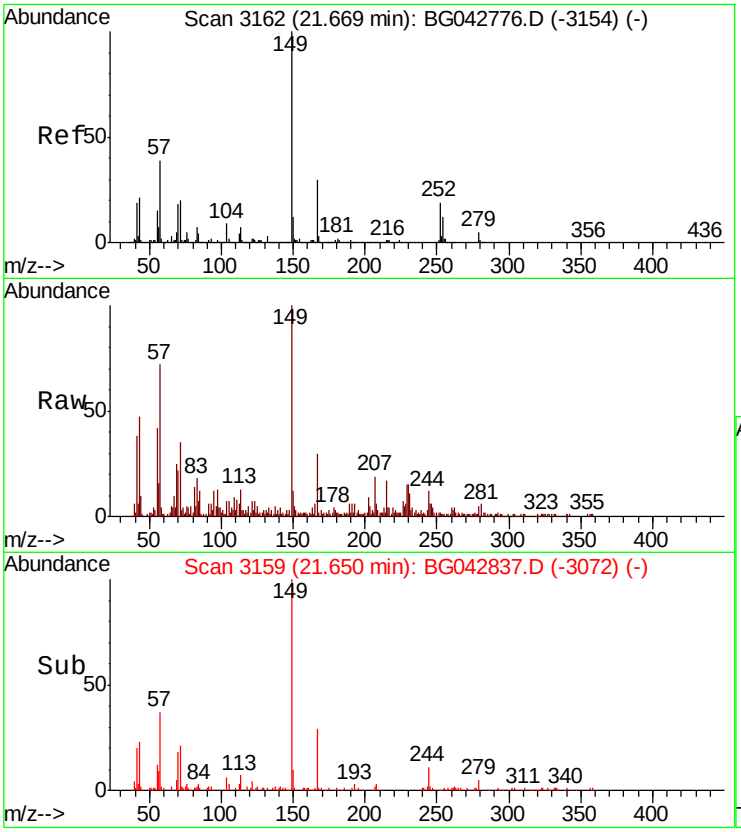


#79
Terphenyl-d14
Concen: 61.813 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion:244 Resp: 1484622

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	10.0
122	7.6	6.2	9.4



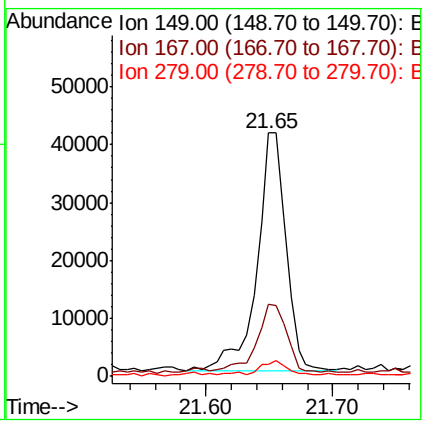


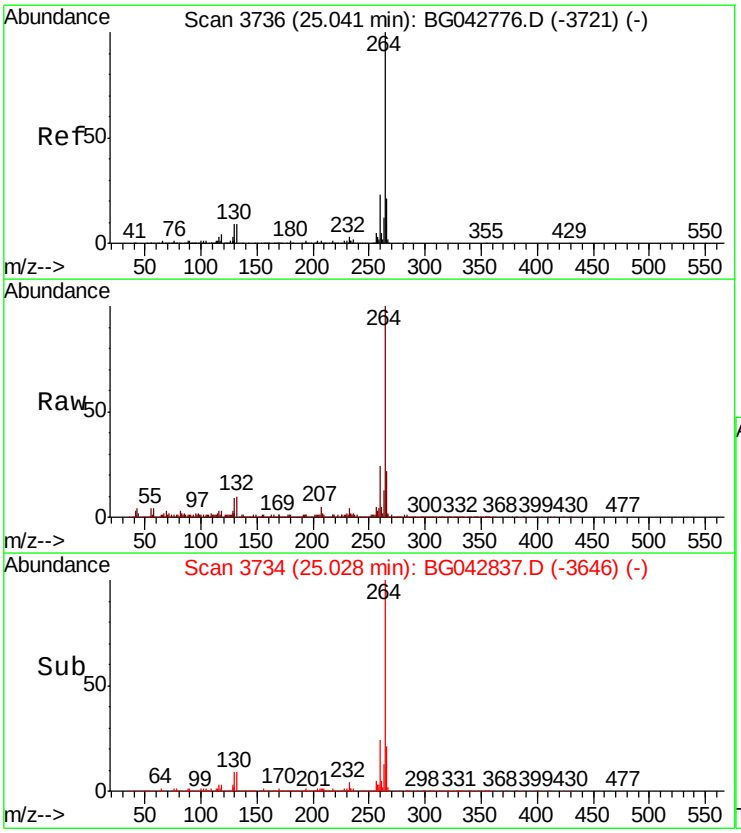
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.566 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 65718

Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.3	36.5
279	5.0	4.2	6.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG042837.D
Acq: 14 Sep 2019 5:59

Tgt Ion:264 Resp: 598955

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	22.1	16.9	25.3