Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021419\
Data File : BG039519.D
Acq On : 14 Feb 2019 23:15
Operator : JU/SJ
Sample : K1480-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OIL-WATER-SEPERATOR-3

Quant Time: Feb 15 03:13:06 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	8.17	152	45894	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	219121	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	144282	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	346349	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	373207	20.00	ng		-0.02
87) Perylene-d12	25.21	264	383260	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	393643	146.80	ng		0.00
7) Phenol-d6	7.32	99	516613	130.88	ng		0.00
23) Nitrobenzene-d5	9.35	82	381993	108.91	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	220825	142.13	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	928531	92.32	ng		-0.01
79) Terphenyl-d14	20.13	244	1493211	84.69	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	7.31	77	1958	Below Cal		#	44
10) Phenol	7.35	94	11011	2.676	ng		83
15) Benzyl Alcohol	8.41	79	9408	3.036	ng		94
20) 3+4-Methylphenols	8.95	107	135824	37.044	ng		91
26) 2-Nitrophenol	10.37	139	9450	11.274	ng	#	1
27) 2,4-Dimethylphenol	10.27	122	33179	10.552	ng	#	4
28) bis(2-Chloroethoxy)methane	10.37	93	44300	9.253	ng	#	1
32) Benzoic acid	10.27	122	33179	22.107	ng		99
48) 2-Nitroaniline	13.86	65	109	8.331	ng	#	10
50) Dimethylphthalate	14.24	163	28460	2.442	ng		99
51) 2,6-Dinitrotoluene	14.80	165	19467	14.276	ng	#	23
53) 3-Nitroaniline	14.48	138	83	5.824	ng	#	1
56) 4-Nitrophenol	15.00	139	80	5.829	ng	#	1
57) 2,4-Dinitrotoluene	14.80	165	19467	13.666	ng	#	19
62) 4-Nitroaniline	15.44	138	56	4.223	ng	#	1
65) 4,6-Dinitro-2-methylphenol	16.28	198	894	5.003	ng	#	1
67) 4-Bromophenyl-phenylether	16.28	248	16196	4.215	ng	#	1
77) Benzidine	20.13	184	26313	2.150	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021419\
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Misc :
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BNA_G
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OIL-WATER-SEPERATOR-3

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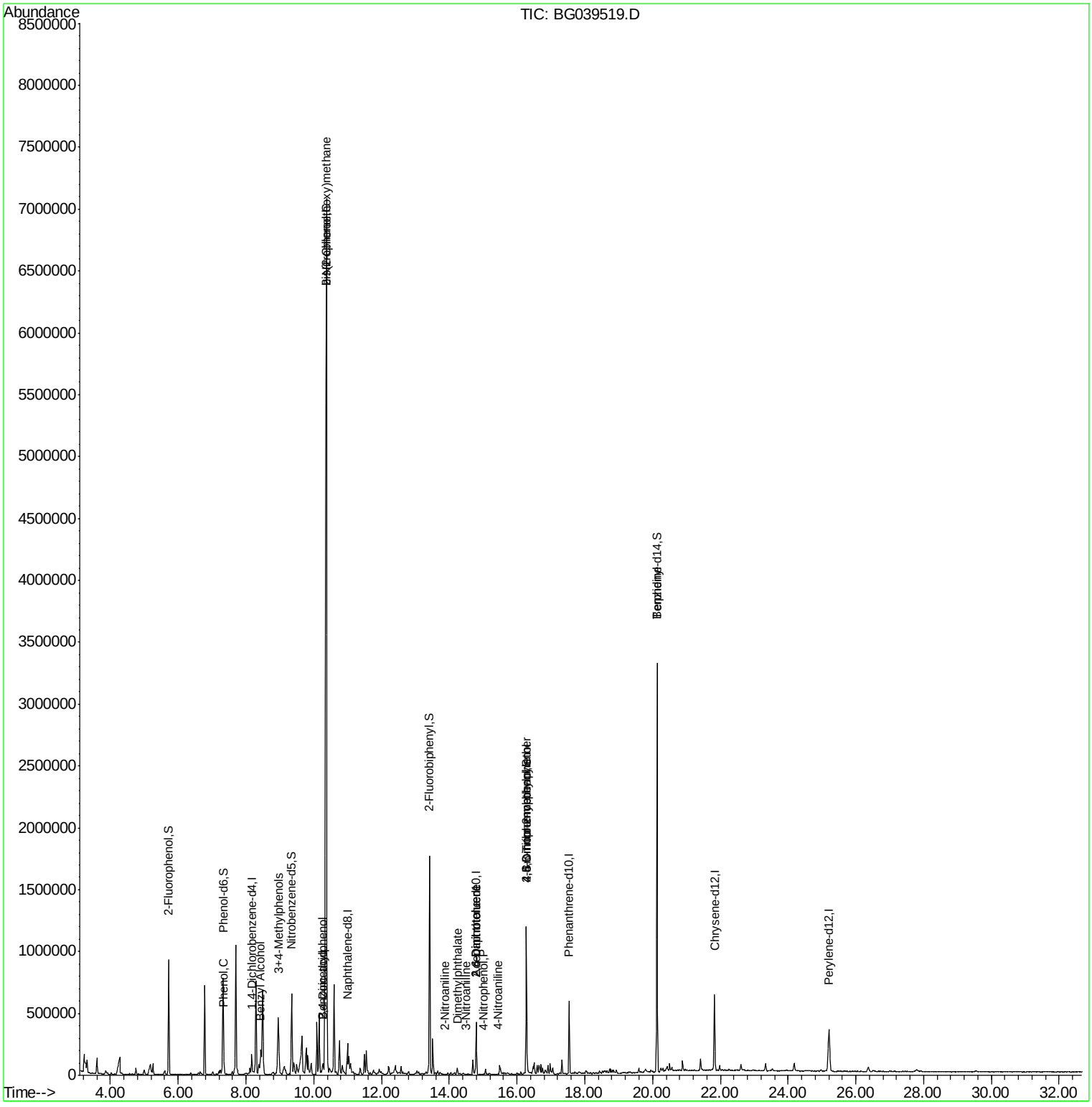
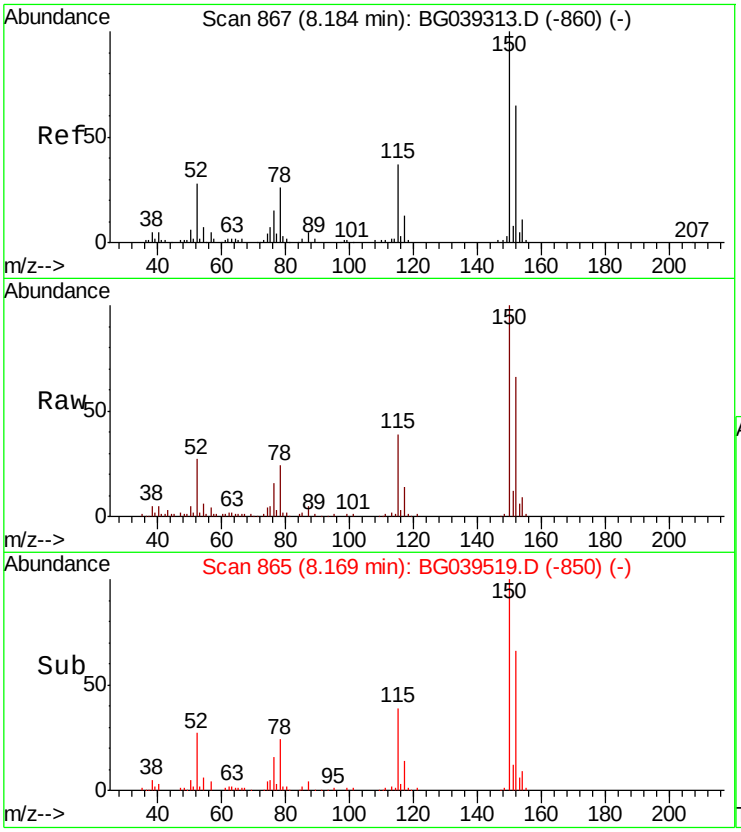


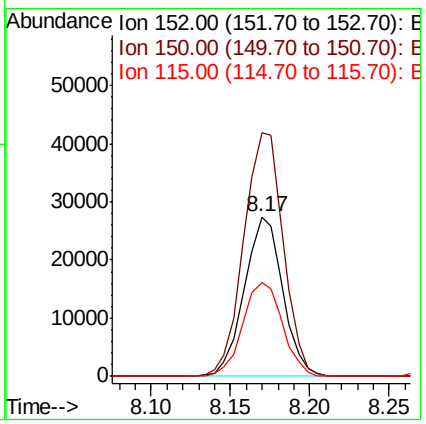


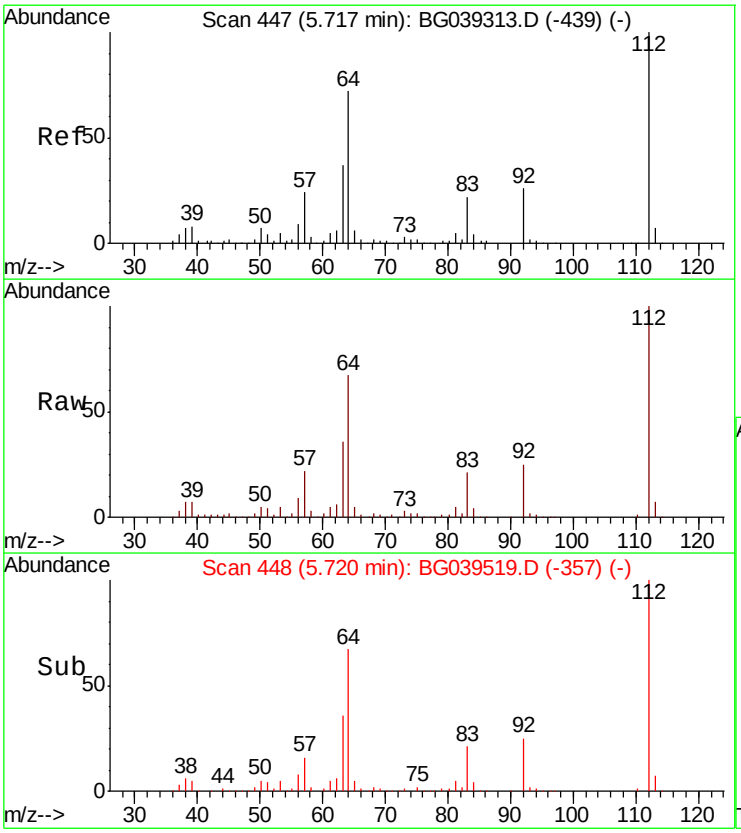
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion:152 Resp: 45894

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.7	185.5
115	58.8	45.9	68.9

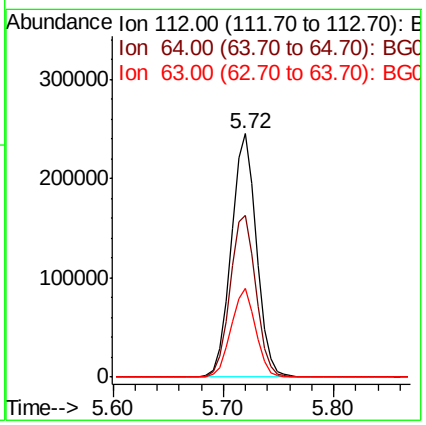


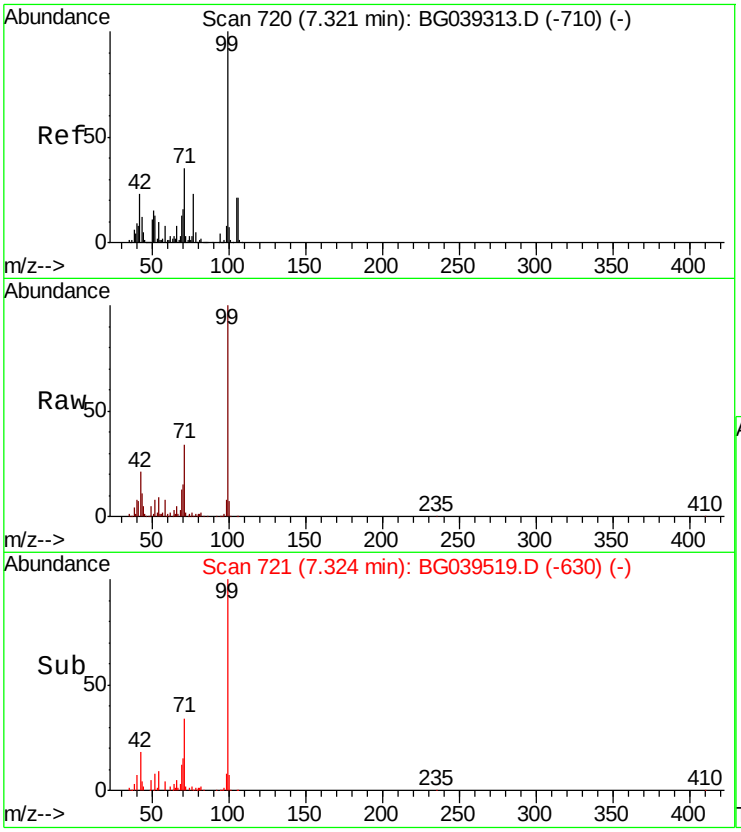


#5
2-Fluorophenol
Concen: 146.800 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:112 Resp: 393643

Ion	Ratio	Lower	Upper
112	100		
64	66.6	57.8	86.8
63	36.2	29.8	44.6



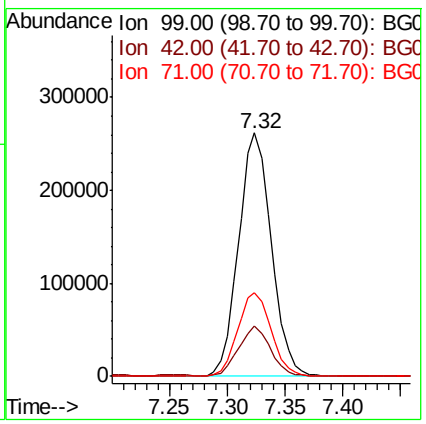


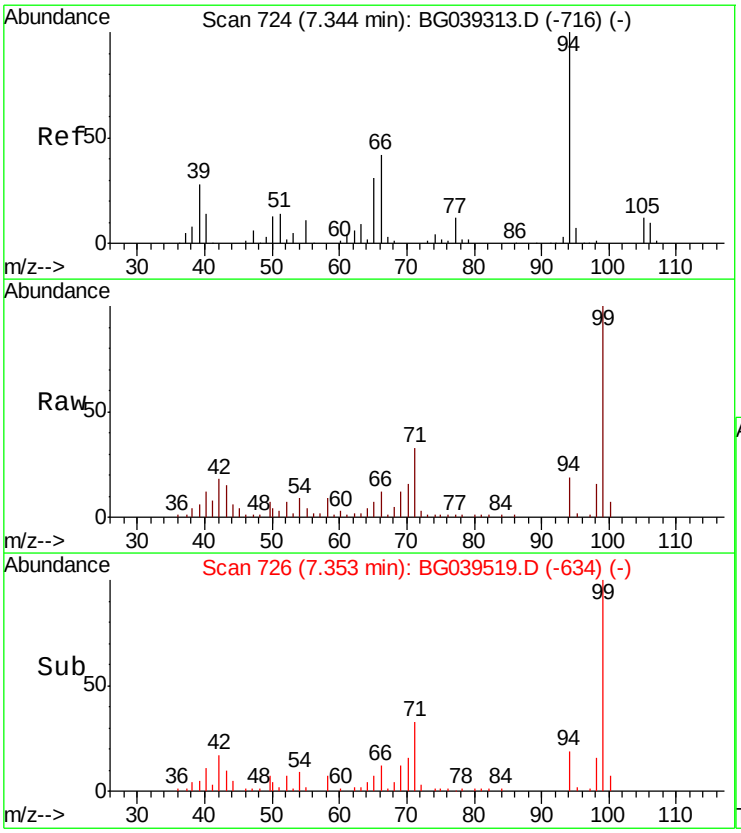
#7
Phenol-d6
Concen: 130.885 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion: 99 Resp: 516613

Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.2	27.2
71	34.4	28.0	42.0

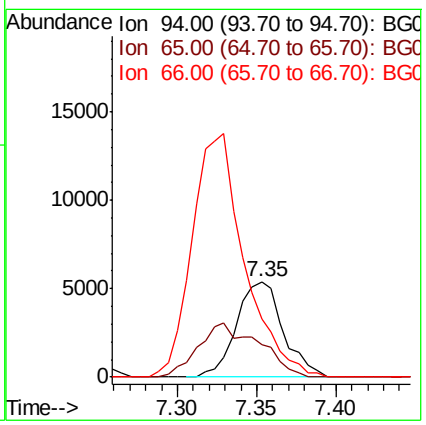


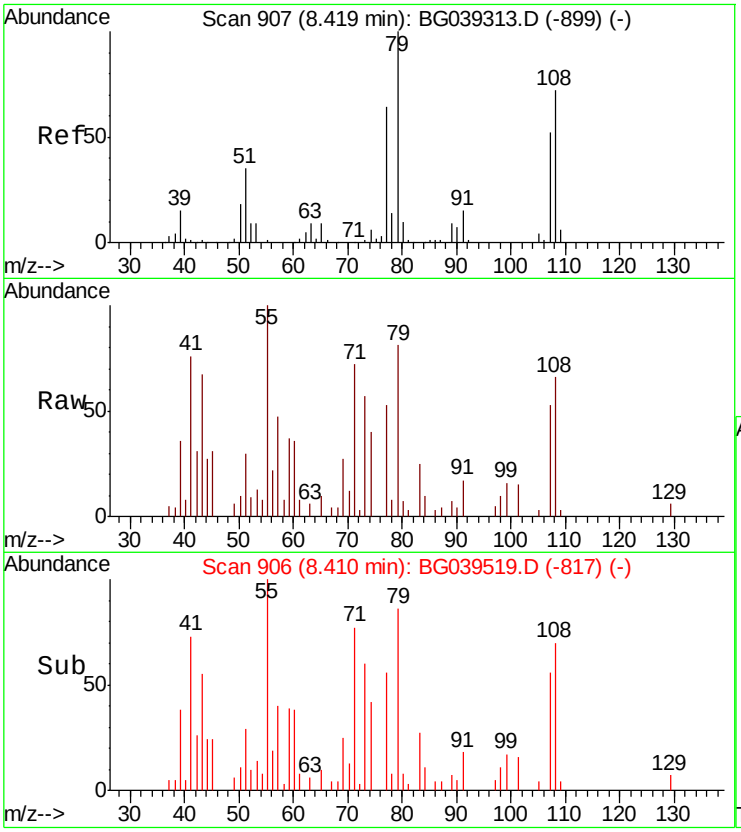


#10
Phenol
Concen: 2.676 ng
RT: 7.35 min Scan# 726
Delta R.T. 0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion: 94 Resp: 11011

Ion	Ratio	Lower	Upper
94	100		
65	34.5	11.7	51.7
66	60.0	23.7	63.7



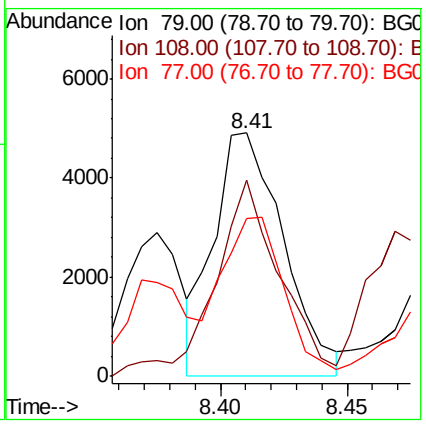


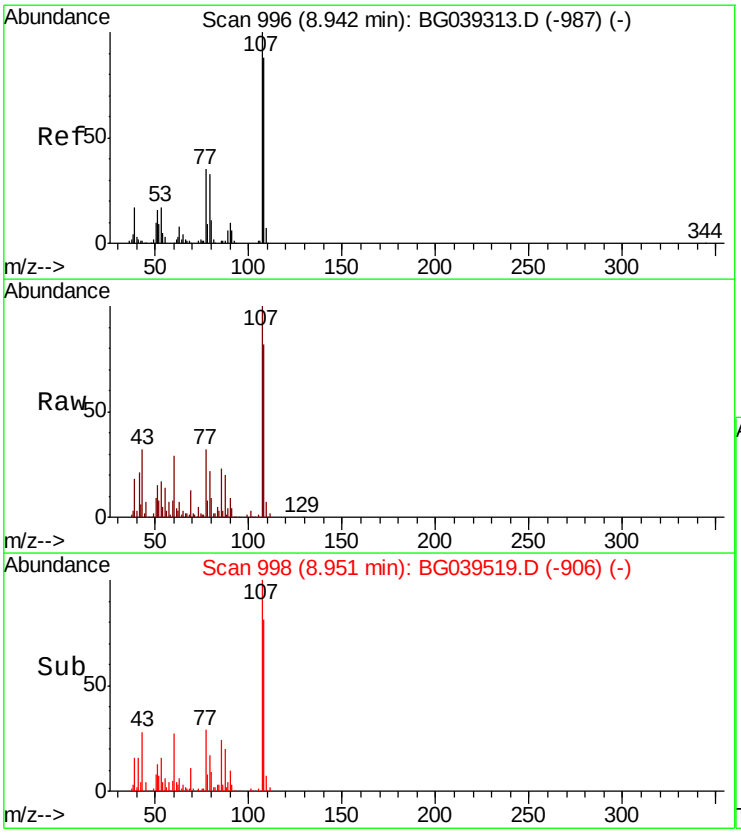
#15
Benzyl Alcohol
Concen: 3.036 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion: 79 Resp: 9408

Ion	Ratio	Lower	Upper
79	100		
108	80.8	57.8	86.6
77	65.0	51.1	76.7

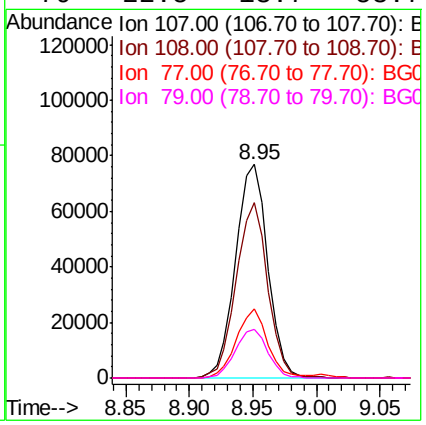


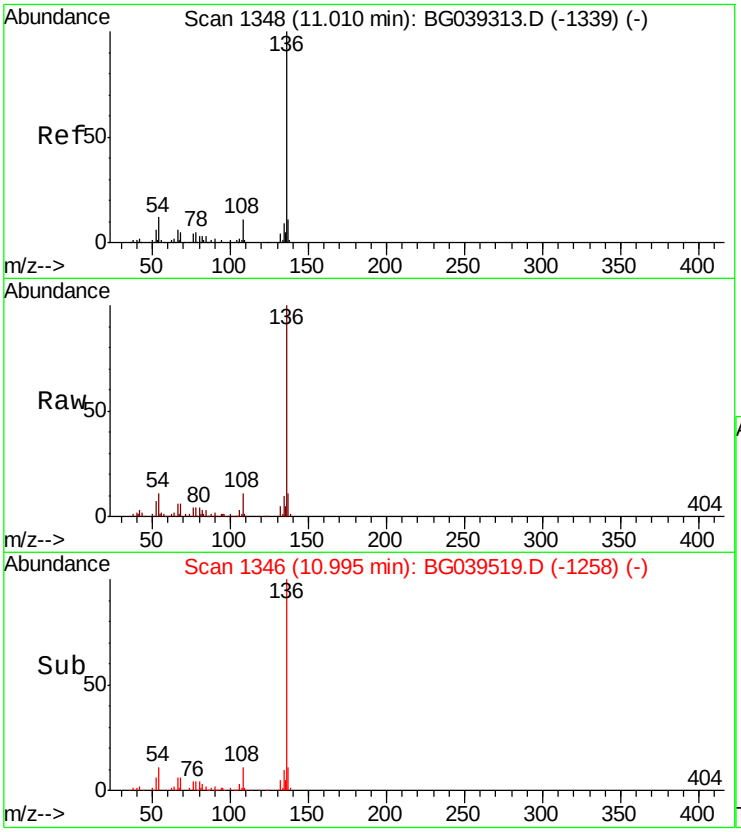


#20
3+4-Methylphenols
Concen: 37.044 ng
RT: 8.95 min Scan# 998
Delta R.T. 0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:107 Resp: 135824

Ion	Ratio	Lower	Upper
107	100		
108	82.4	67.9	107.9
77	32.3	15.4	55.4
79	22.5	13.7	53.7



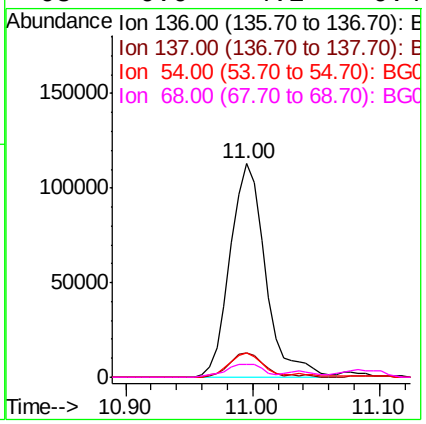


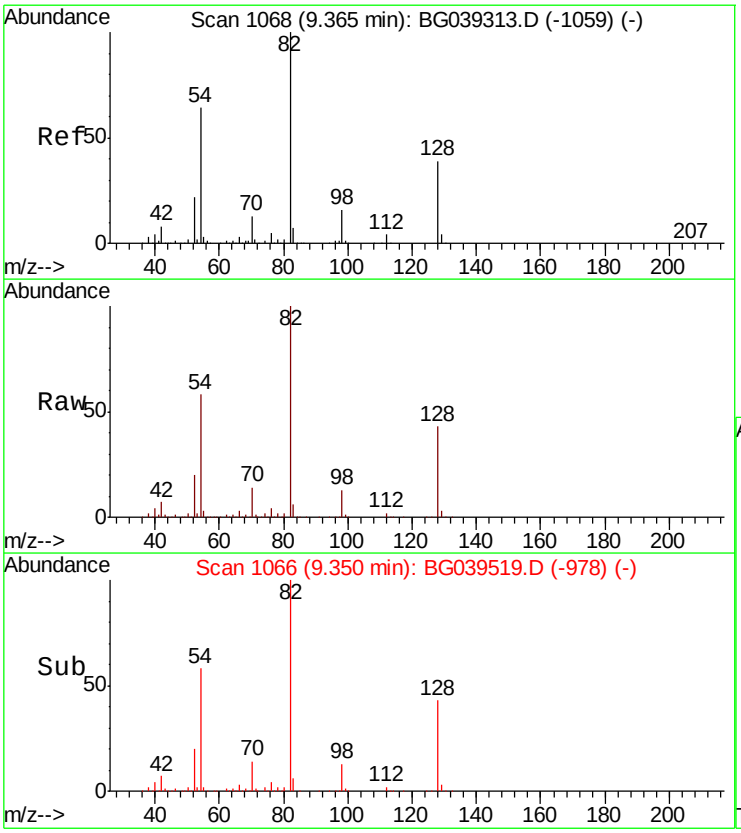
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion:136 Resp: 219121

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	11.3	9.4	14.2
68	6.0	4.2	6.4

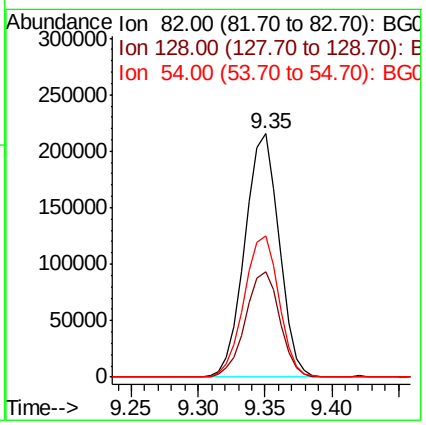


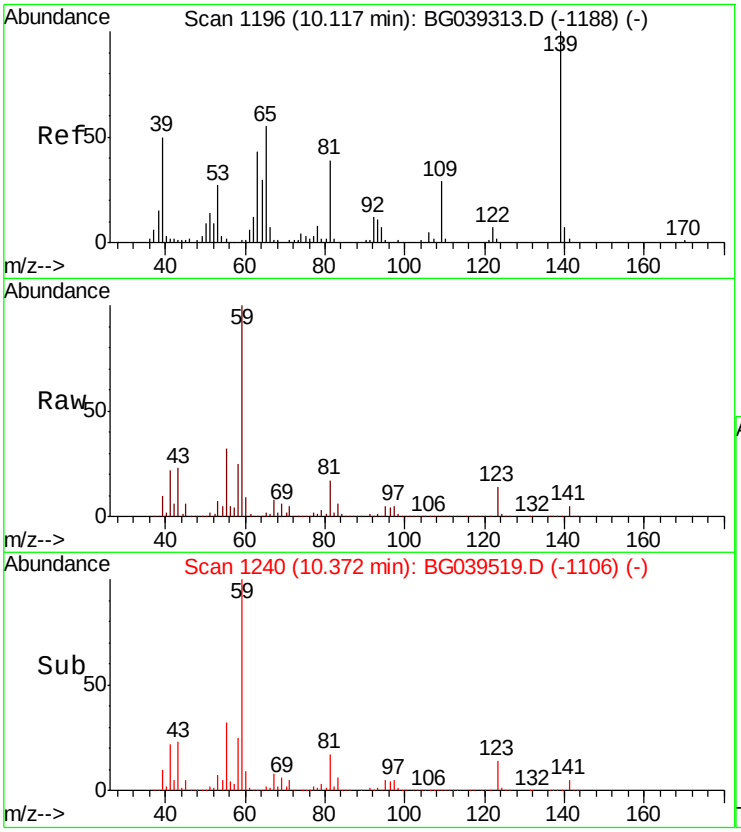


#23
Nitrobenzene-d5
Concen: 108.907 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion: 82 Resp: 381993

Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	58.2	50.9	76.3



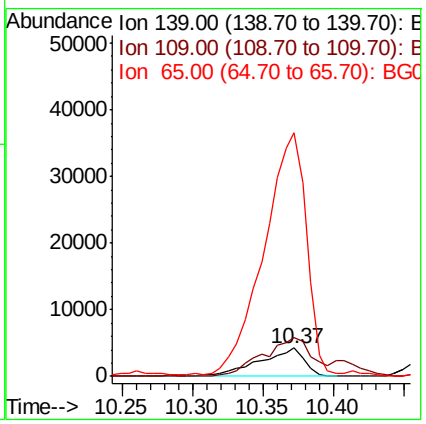


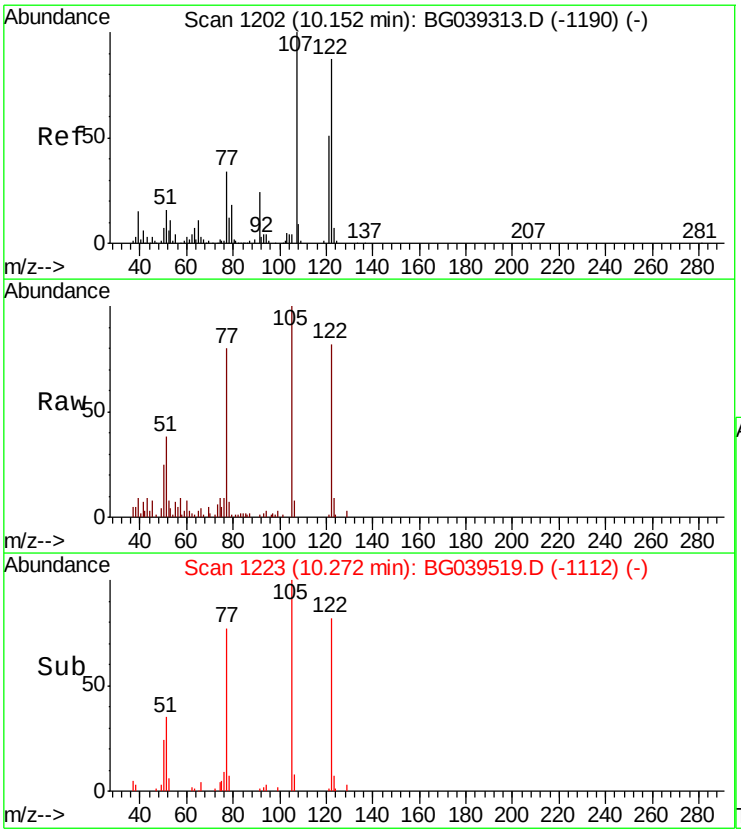
#26
2-Nitrophenol
Concen: 11.274 ng
RT: 10.37 min Scan# 1240
Delta R.T. 0.26 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion:139 Resp: 9450

Ion	Ratio	Lower	Upper
139	100		
109	138.8	23.4	35.0#
65	860.9	44.3	66.5#

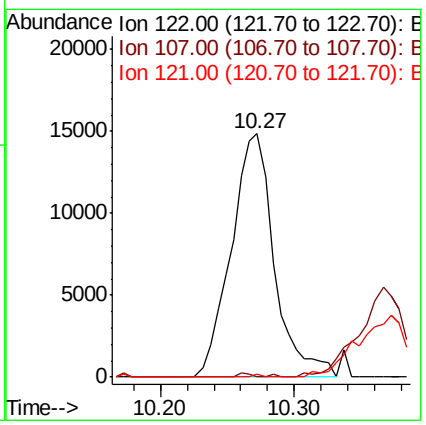


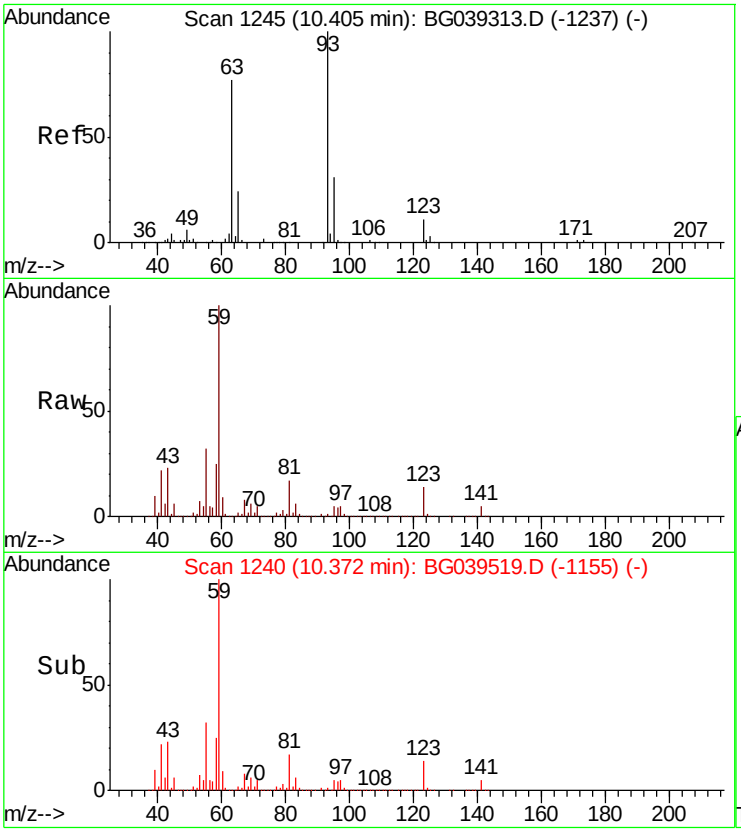


#27
2,4-Dimethylphenol
Concen: 10.552 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.12 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:122 Resp: 33179

Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.7	137.5#
121	1.1	46.4	69.6#



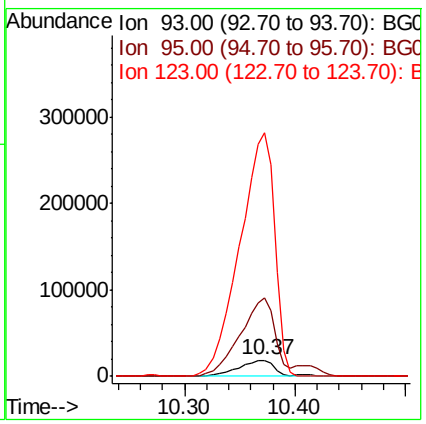


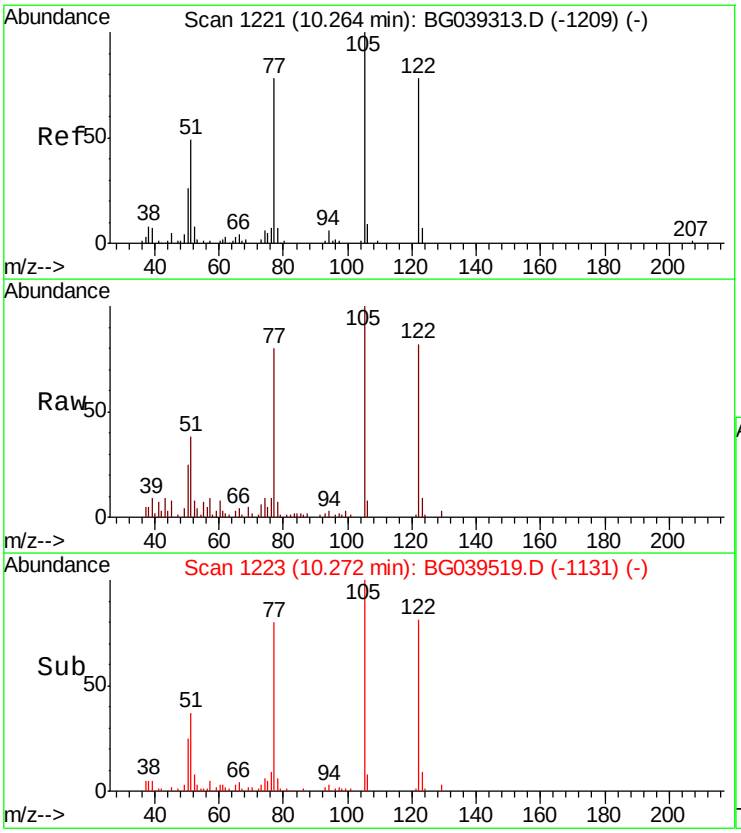
#28
bis(2-Chloroethoxy)methane
Concen: 9.253 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.03 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion: 93 Resp: 44300

Ion	Ratio	Lower	Upper
93	100		
95	477.6	25.0	37.4#
123	1492.5	8.6	12.8#

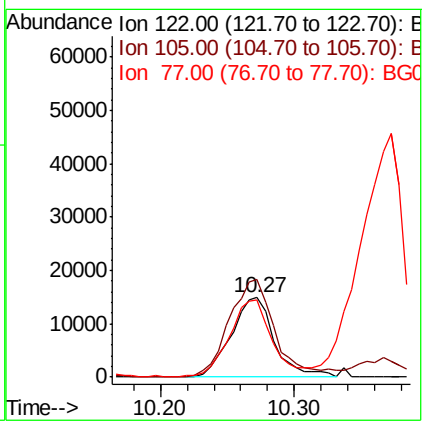


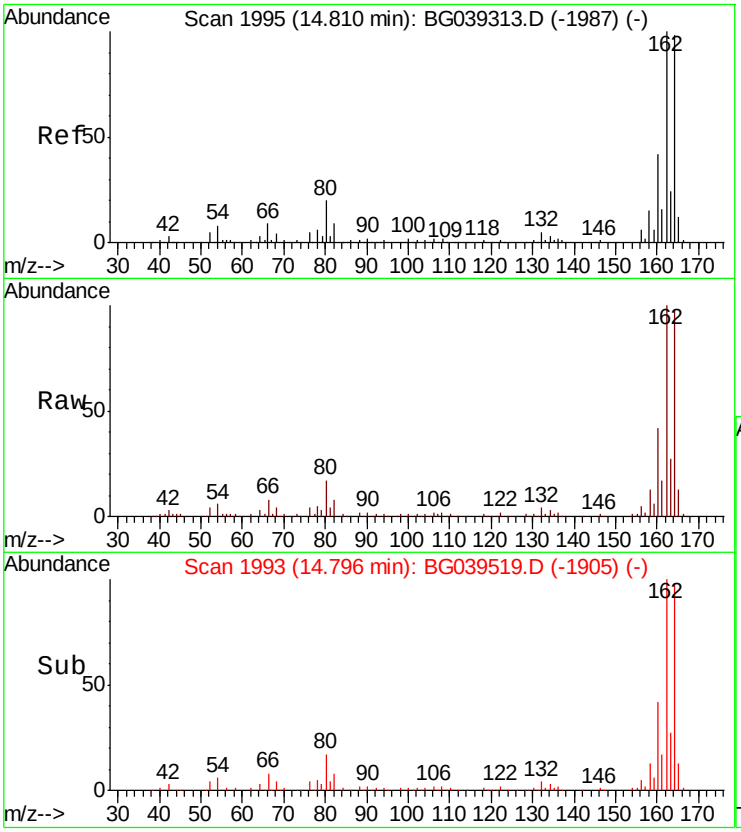


#32
Benzoic acid
Concen: 22.107 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:122 Resp: 33179

Ion	Ratio	Lower	Upper
122	100		
105	122.5	101.8	141.8
77	97.8	76.3	116.3



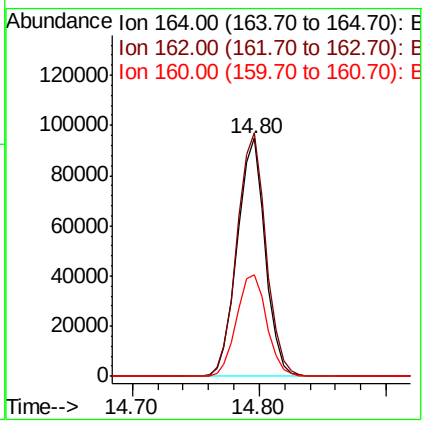


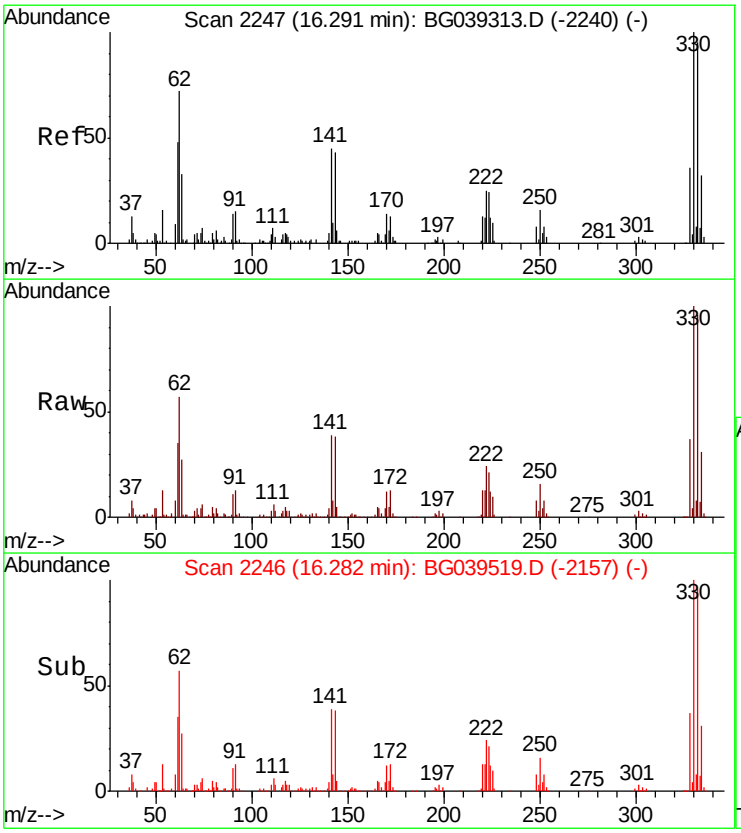
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion:164 Resp: 144282

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.6	122.4
160	42.8	34.2	51.2

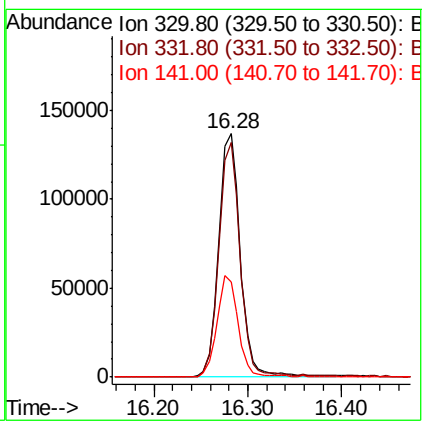


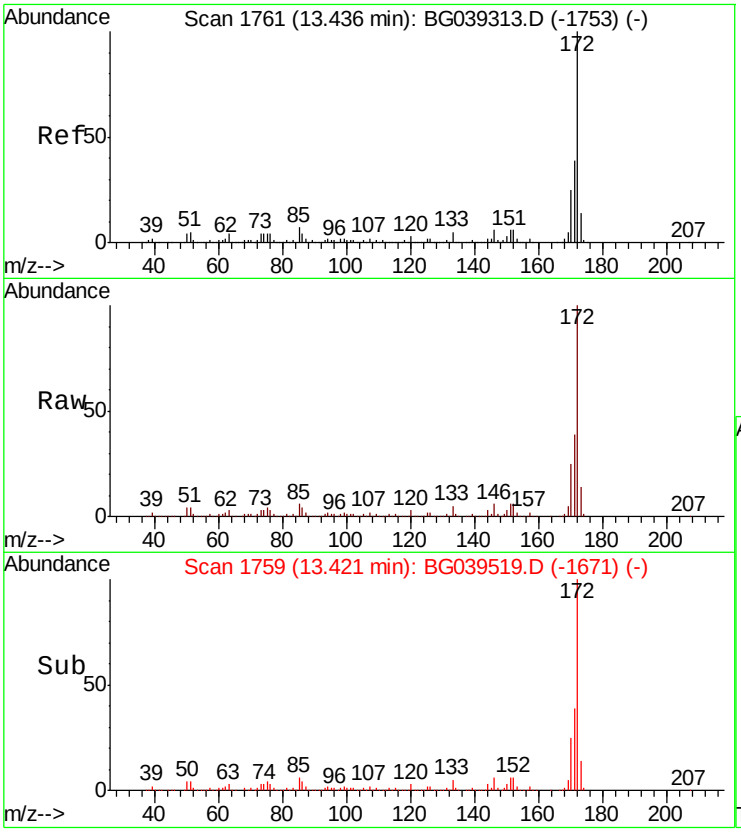


#42
2,4,6-Tribromophenol
Concen: 142.131 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:330 Resp: 220825

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	40.6	35.6	53.4



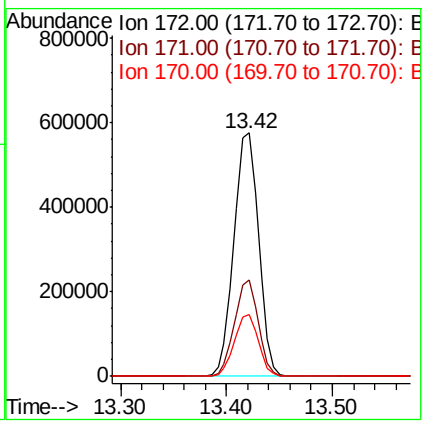


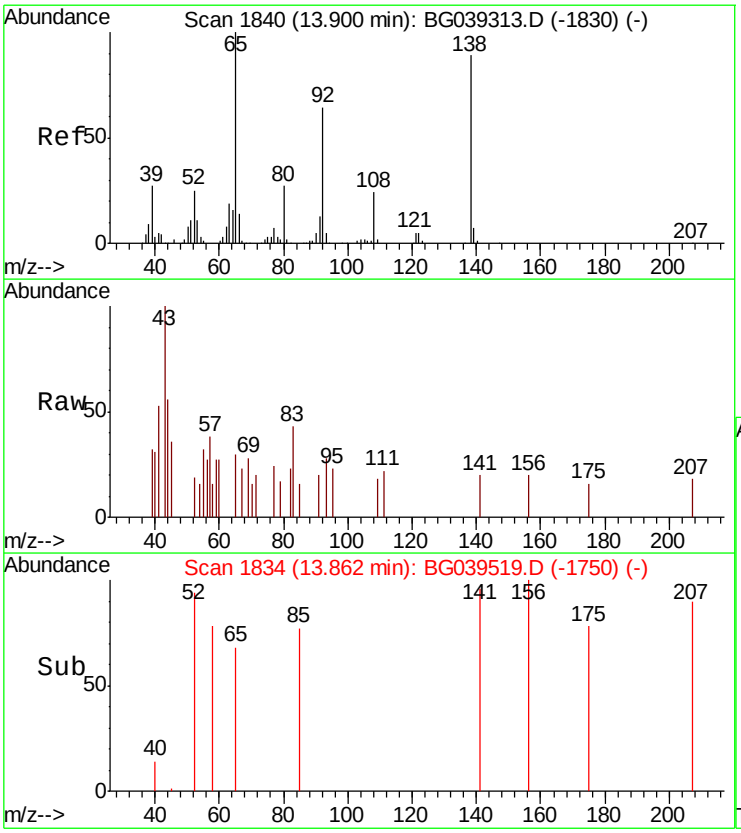
#45
2-Fluorobiphenyl
Concen: 92.321 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion:172 Resp: 928531

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.8	46.2
170	25.5	20.2	30.4

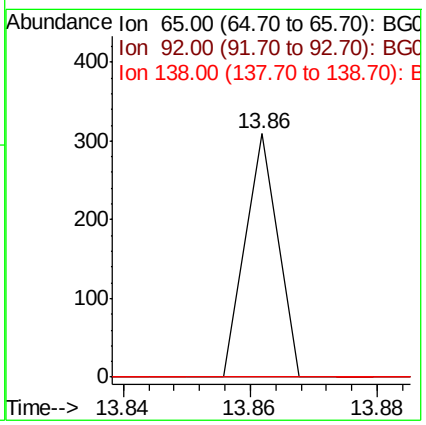


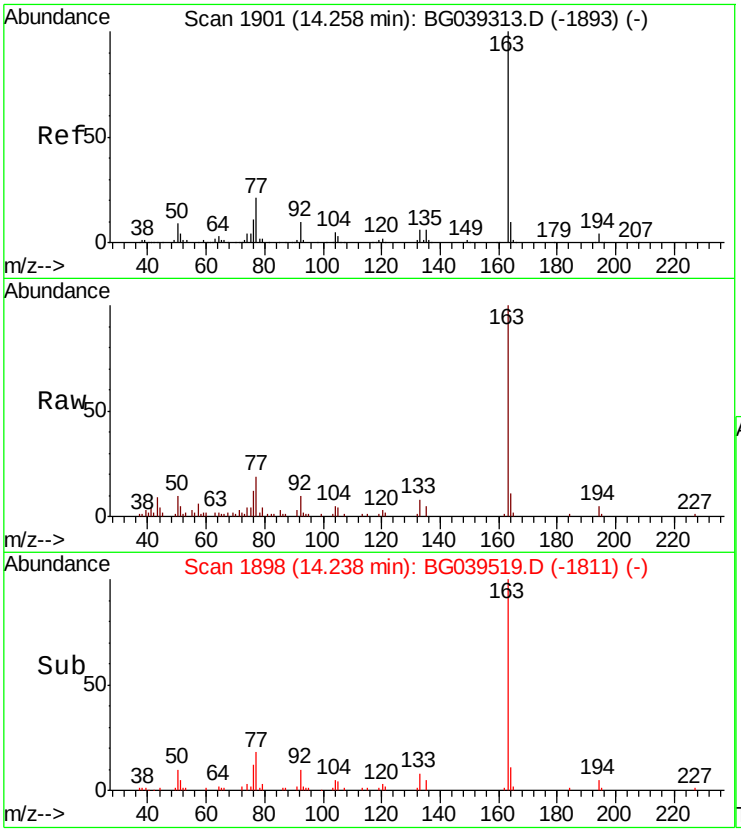


#48
2-Nitroaniline
Concen: 8.331 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.04 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion: 65 Resp: 109

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



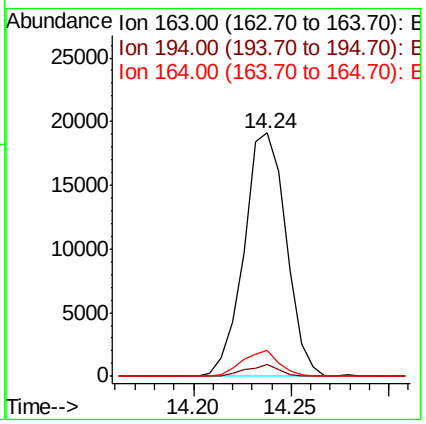


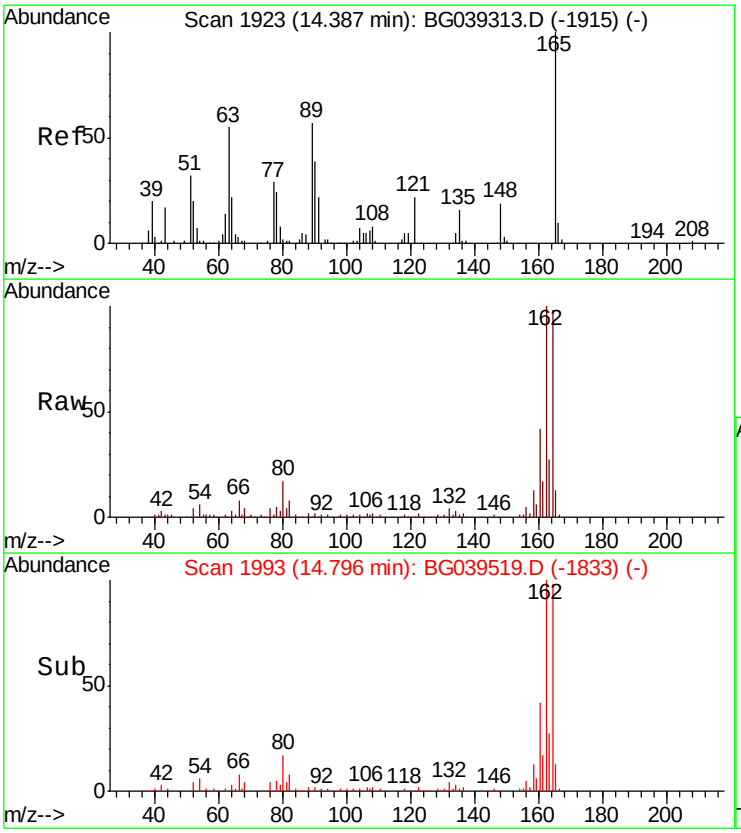
#50
Dimethylphthalate
Concen: 2.442 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion:163 Resp: 28460

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.6	5.4
164	10.9	8.4	12.6

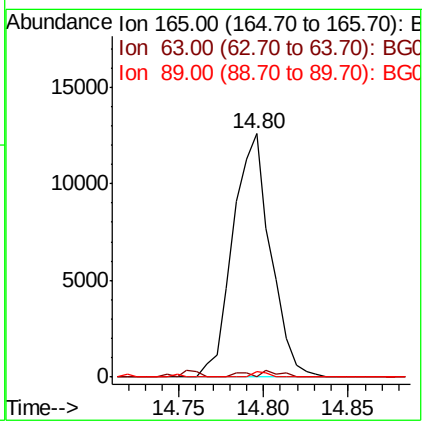


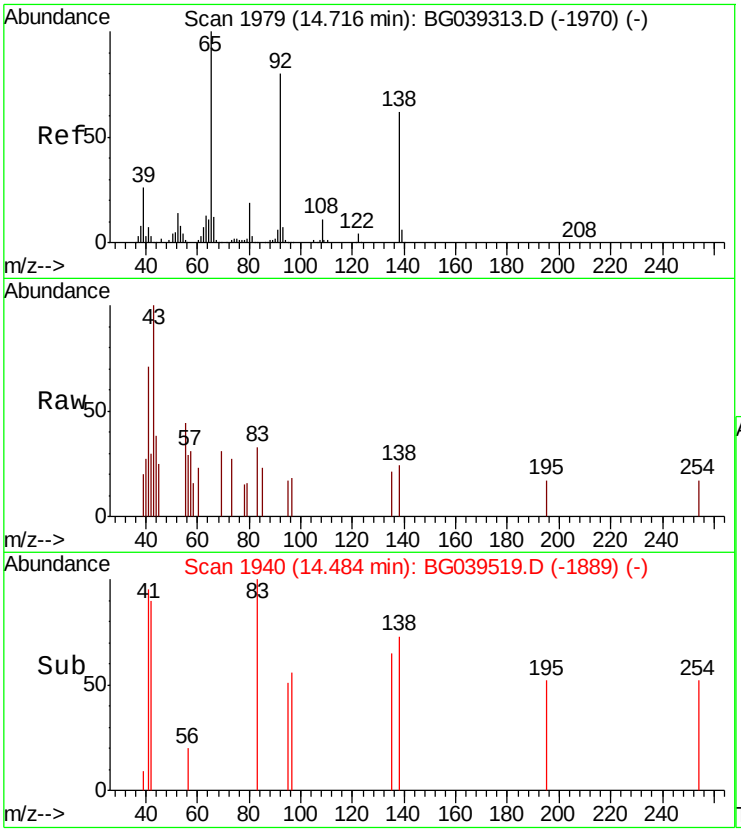


#51
2,6-Dinitrotoluene
Concen: 14.276 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.41 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:165 Resp: 19467

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	2.3	45.8	68.8#



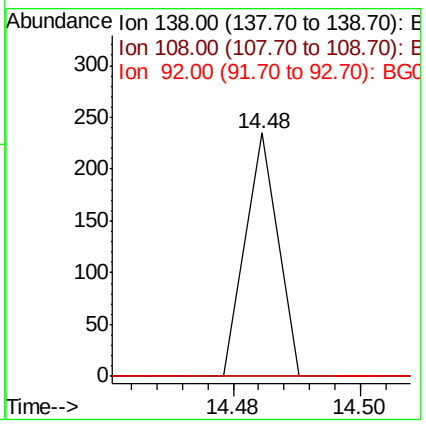


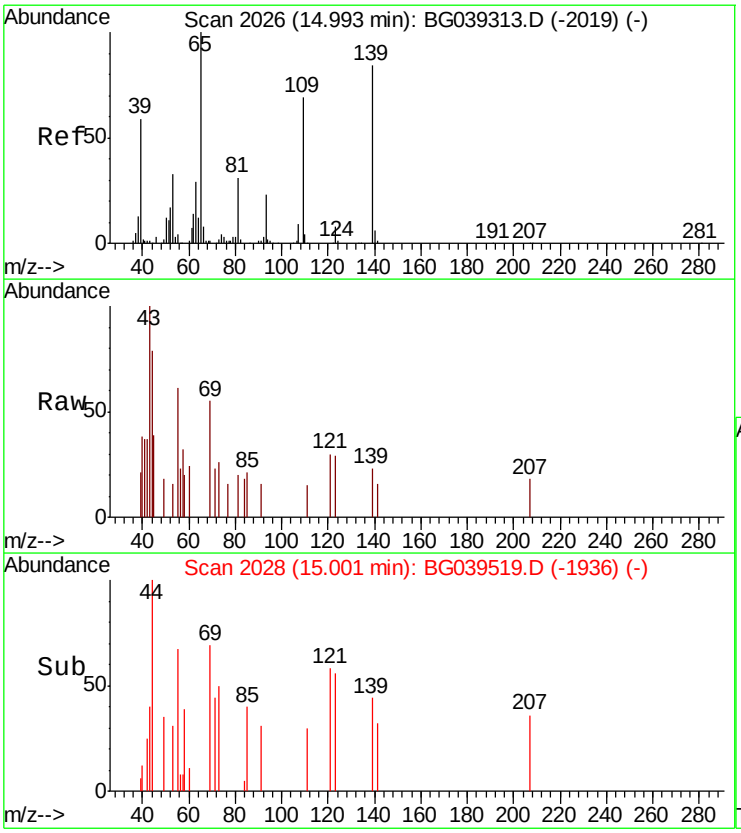
#53
3-Nitroaniline
Concen: 5.824 ng
RT: 14.48 min Scan# 1940
Delta R.T. -0.23 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion:138 Resp: 83

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

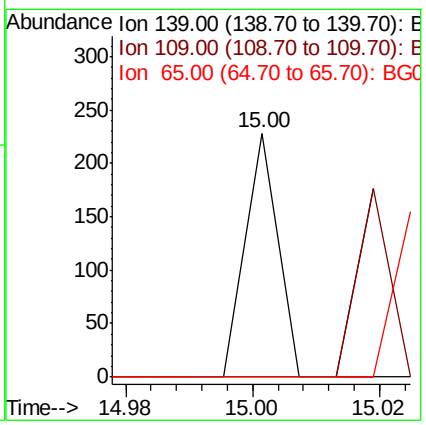


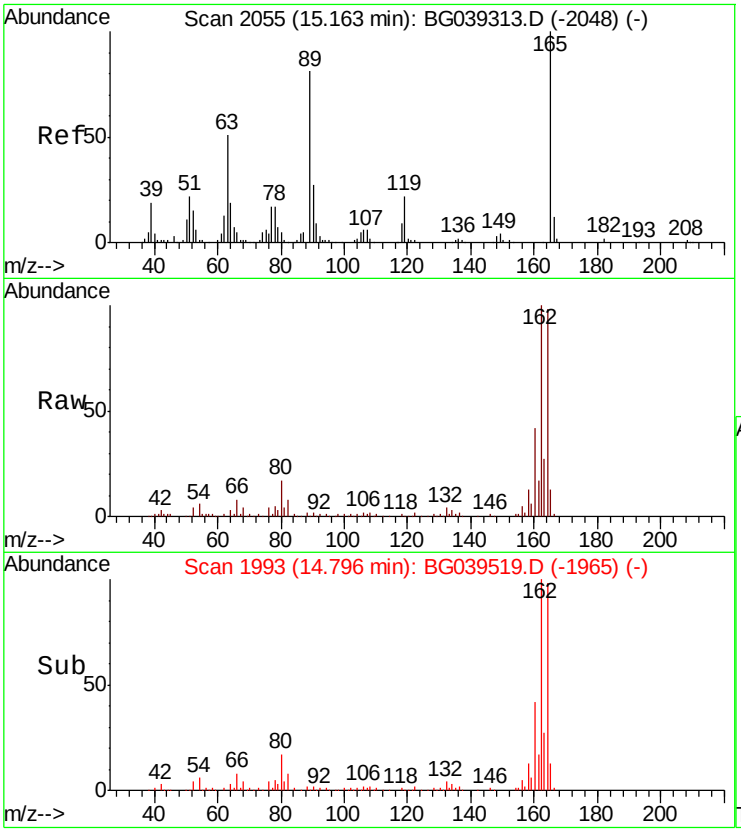


#56
4-Nitrophenol
Concen: 5.829 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:139 Resp: 80

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#



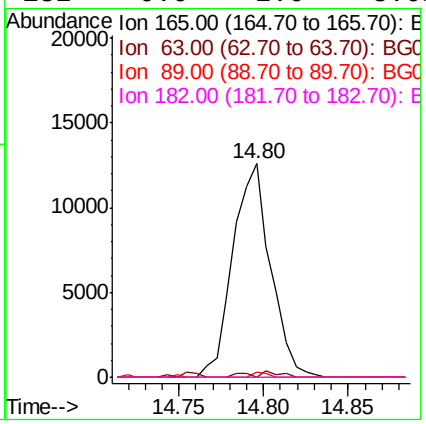


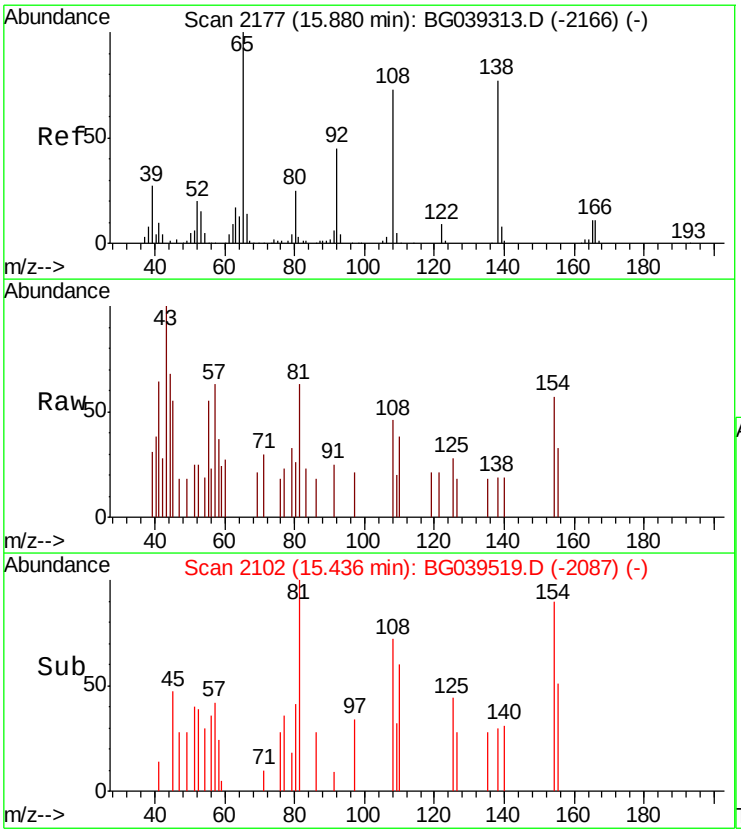
#57
2,4-Dinitrotoluene
Concen: 13.666 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.37 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion:165 Resp: 19467

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	2.3	64.6	96.8#
182	0.0	2.0	3.0#

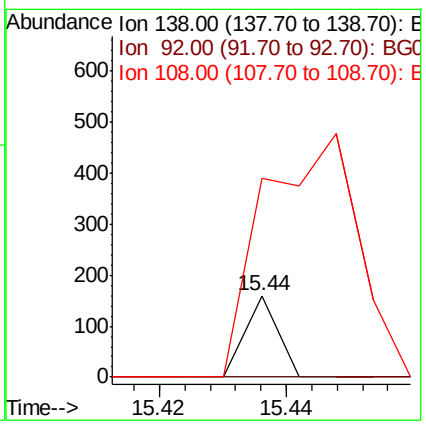


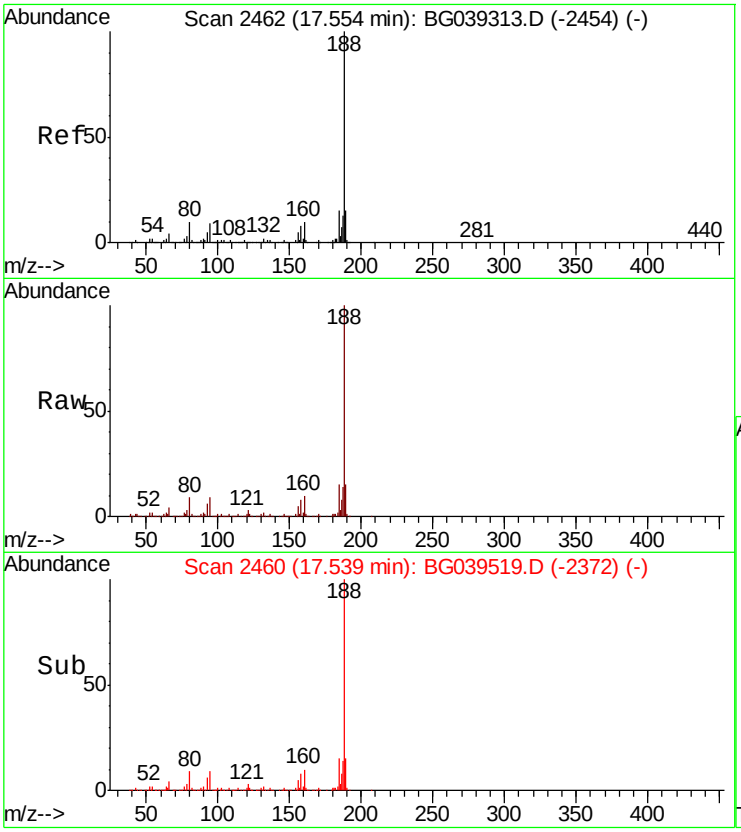


#62
4-Nitroaniline
Concen: 4.223 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.44 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:138 Resp: 56

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.7	78.7#
108	243.8	74.6	114.6#



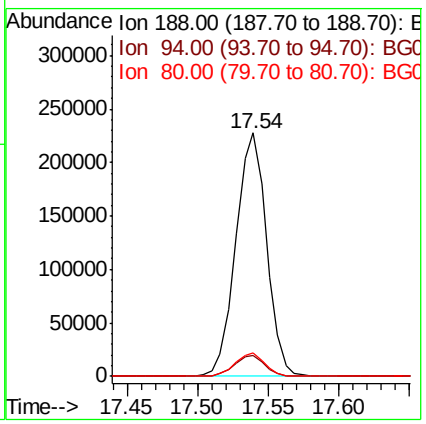


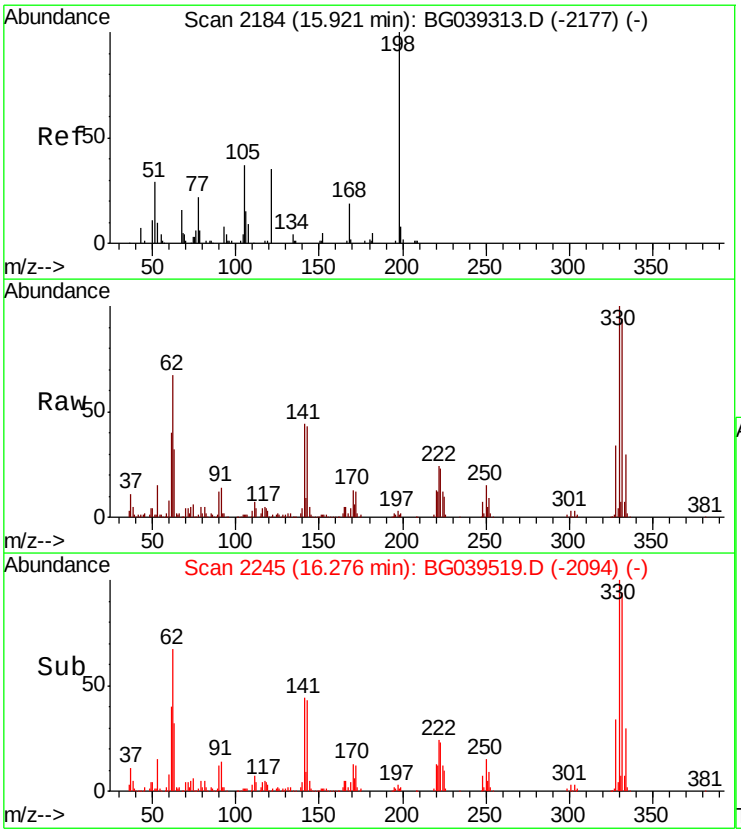
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion:188 Resp: 346349

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

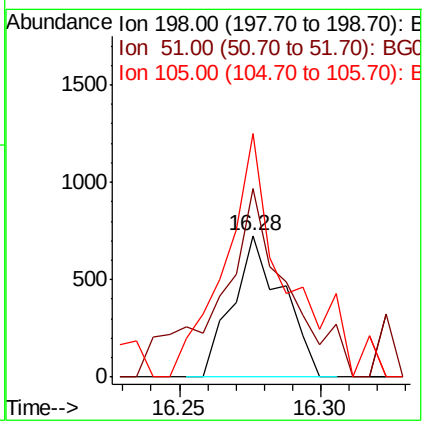


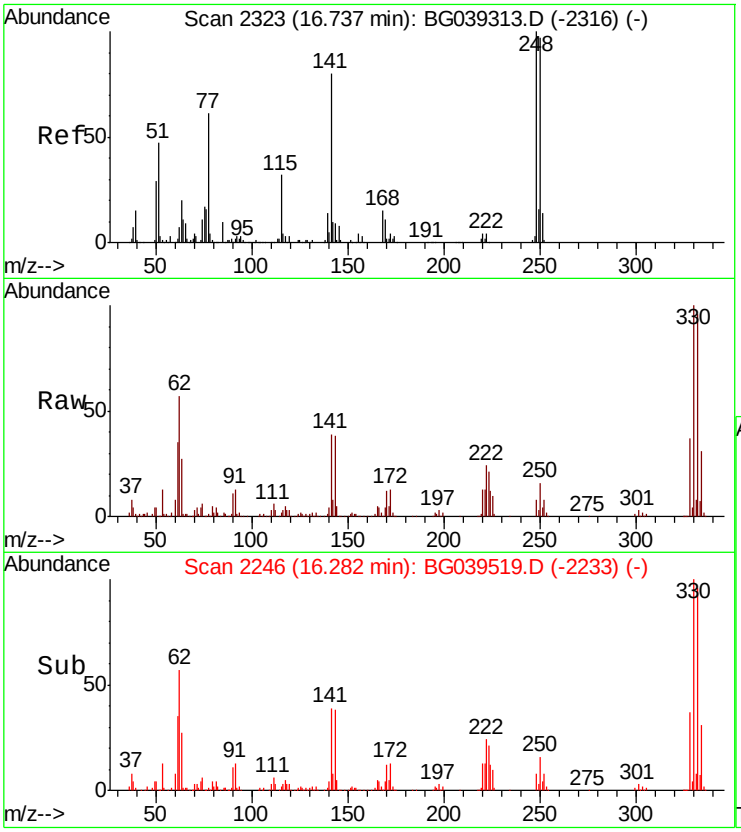


#65
4,6-Dinitro-2-methylphenol
Concen: 5.003 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:198 Resp: 894

Ion	Ratio	Lower	Upper
198	100		
51	133.0	27.4	67.4#
105	171.9	19.7	59.7#



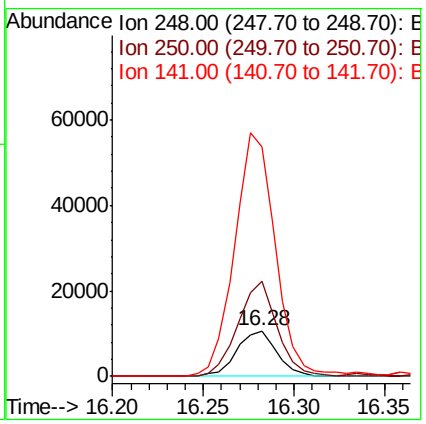


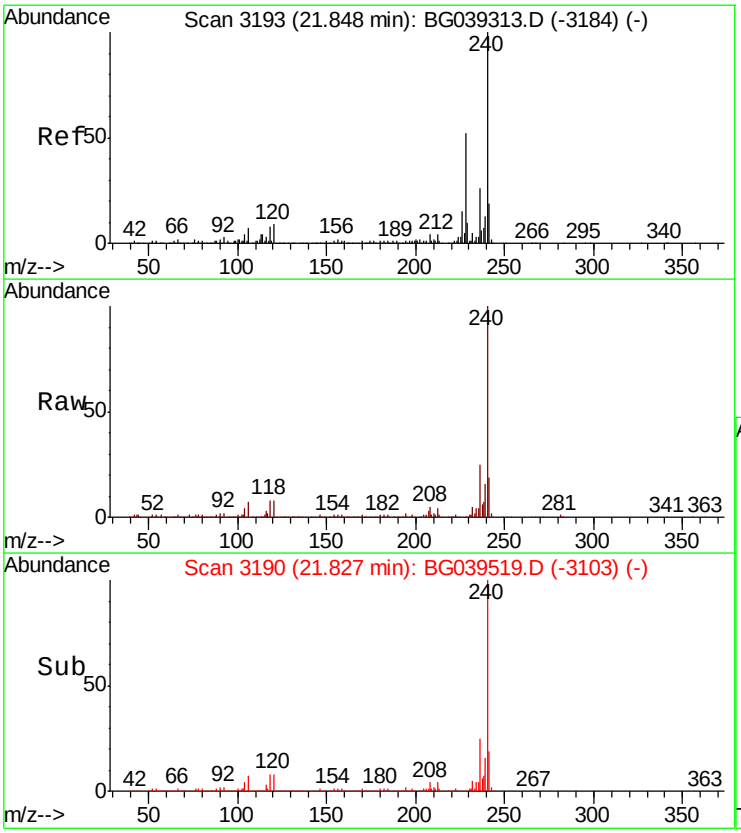
#67
4-Bromophenyl-phenylether
Concen: 4.215 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.46 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion:248 Resp: 16196

Ion	Ratio	Lower	Upper
248	100		
250	207.3	77.6	116.4#
141	502.0	63.9	95.9#

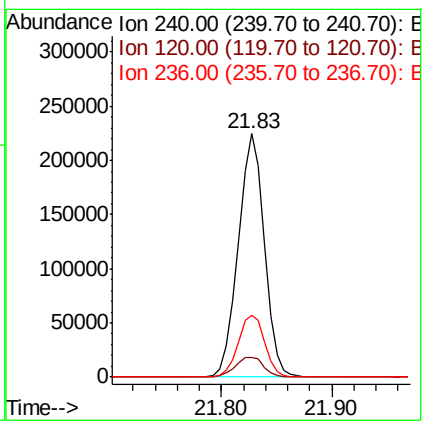


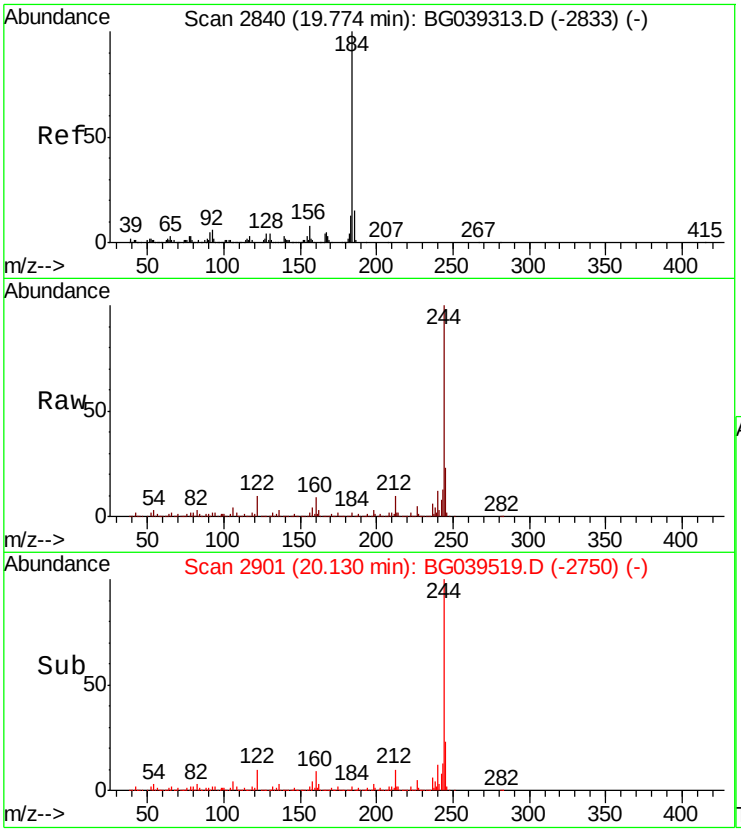


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:240 Resp: 373207

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	25.4	21.0	31.4



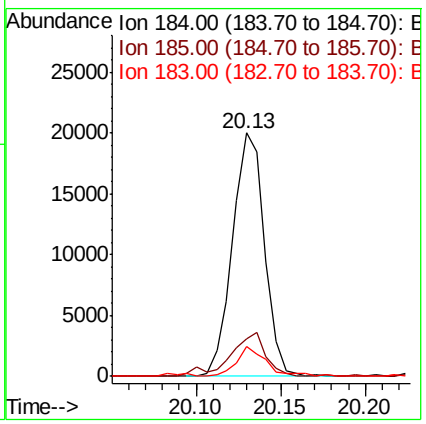


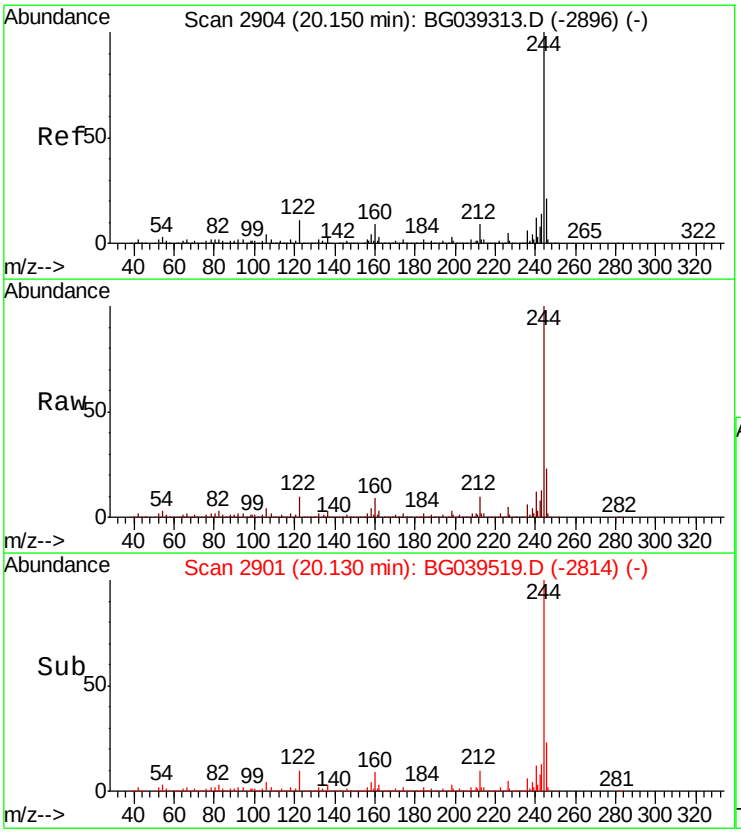
#77
Benzidine
Concen: 2.150 ng
RT: 20.13 min Scan# 2901
Delta R.T. 0.36 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion:184 Resp: 26313

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	12.1	10.6	15.8

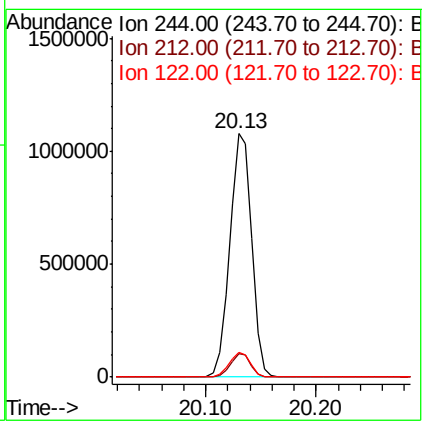


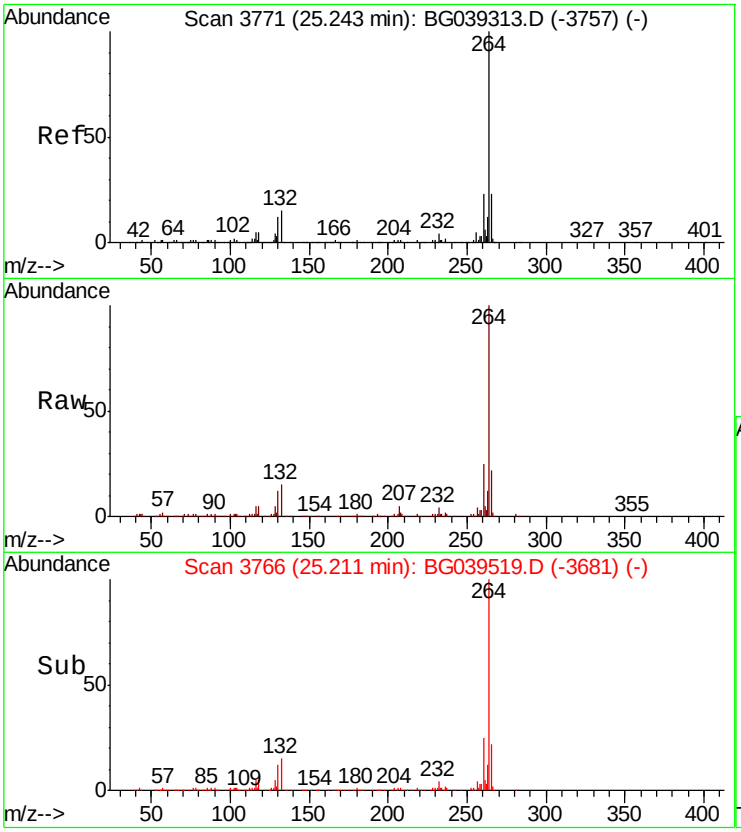


#79
Terphenyl-d14
Concen: 84.689 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Tgt Ion:244 Resp: 1493211

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.0	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039519.D
Acq: 14 Feb 2019 23:15

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR-3

Tgt Ion:264 Resp: 383260

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	22.1	18.5	27.7