Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
Data File : BG039518.D
Acq On : 14 Feb 2019 22:36
Operator : JU/SJ
Sample : K1479-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OIL-WATER-SEPERATOR

Quant Time: Feb 15 04:54:59 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	45346	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	209042	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	148198	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	347477	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	373651	20.00	ng	-0.02
87) Perylene-d12	25.21	264	382373	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	406631	153.48	ng	0.00
7) Phenol-d6	7.32	99	560554	143.73	ng	0.00
23) Nitrobenzene-d5	9.35	82	384854	115.01	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	271466	170.11	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	951660	92.12	ng	-0.02
79) Terphenyl-d14	20.13	244	1447236	81.98	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.35	94	11651	2.866	ng	85
15) Benzyl Alcohol	8.41	79	44367	14.491	ng	97
20) 3+4-Methylphenols	8.93	107	383295	105.800	ng	89
32) Benzoic acid	10.35	122	262682	117.621	ng	97

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

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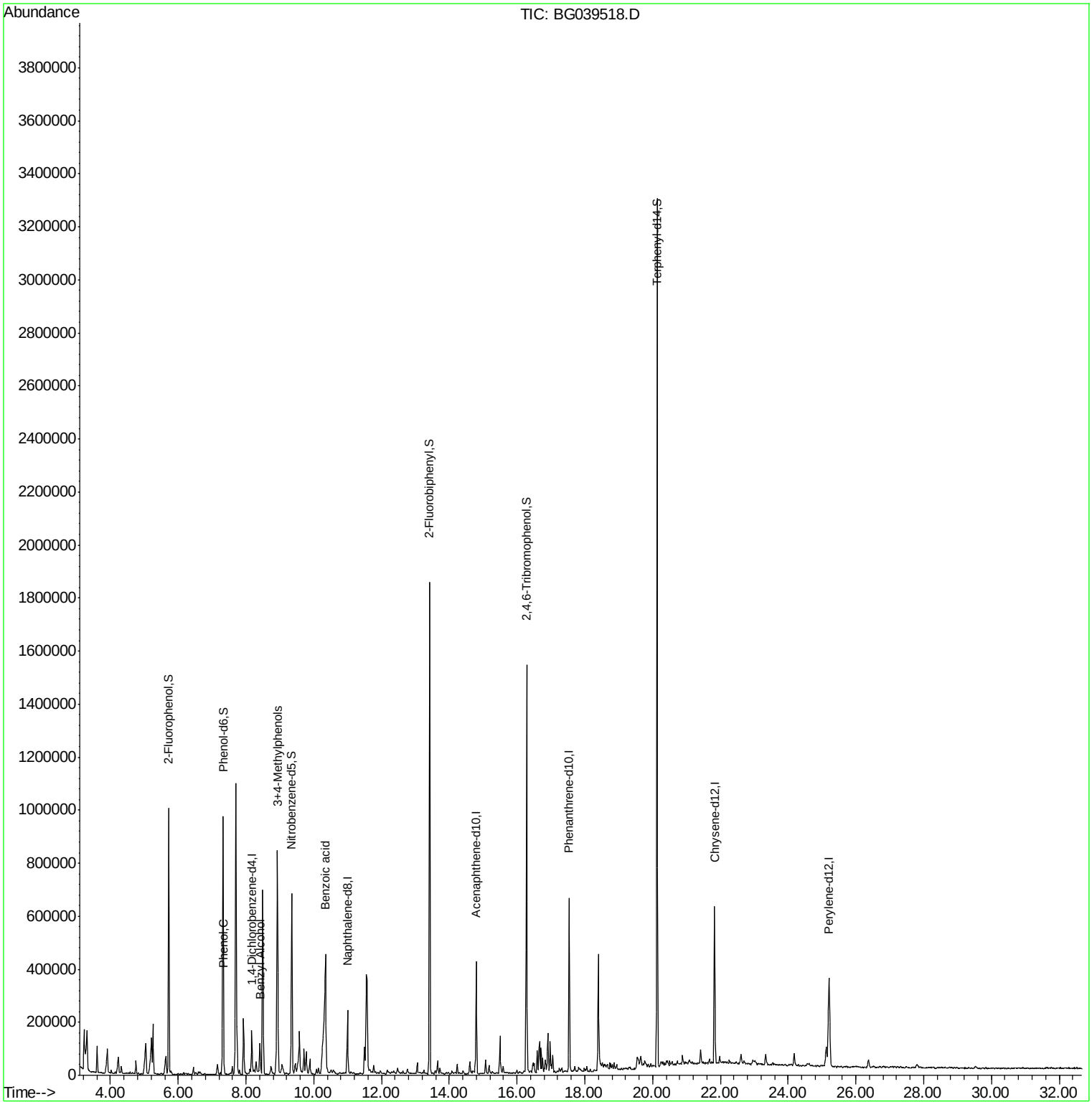
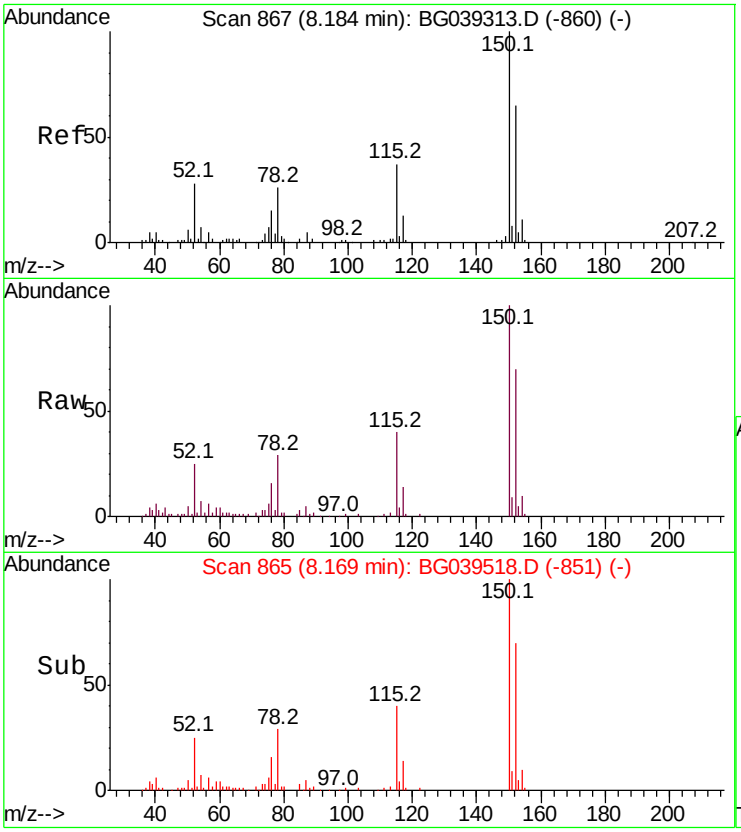


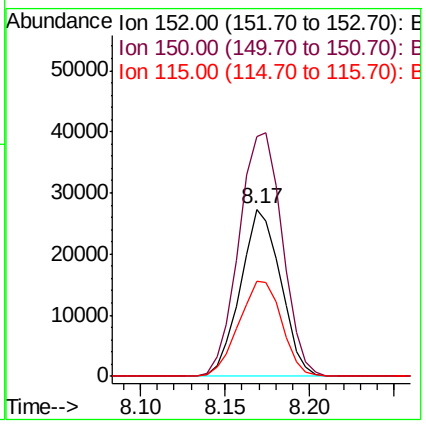


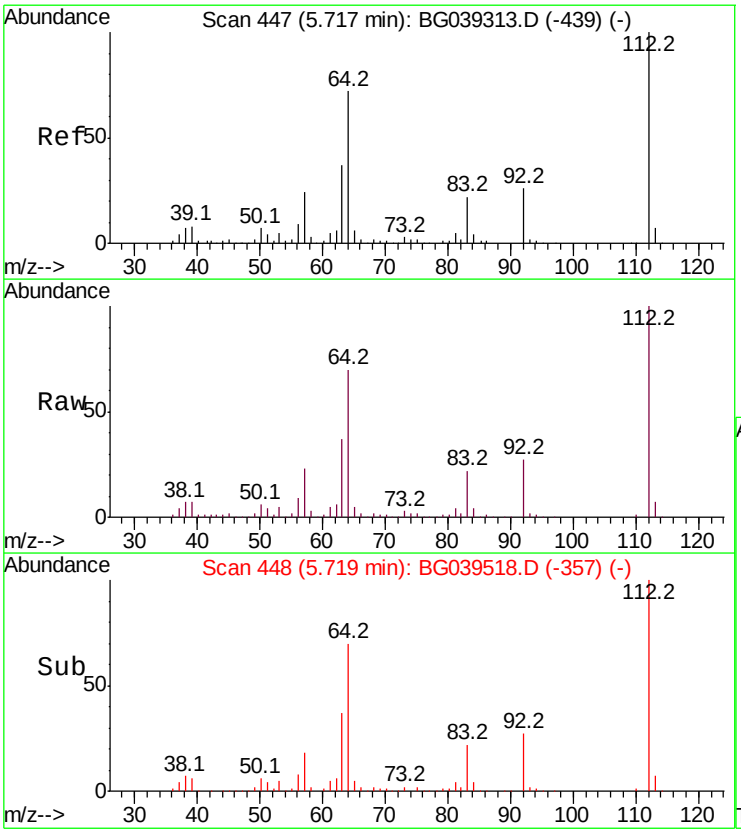
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR

Tgt Ion:152 Resp: 45346

Ion	Ratio	Lower	Upper
152	100		
150	143.5	123.7	185.5
115	56.8	45.9	68.9

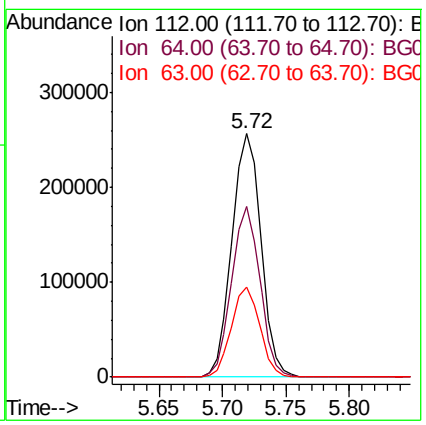


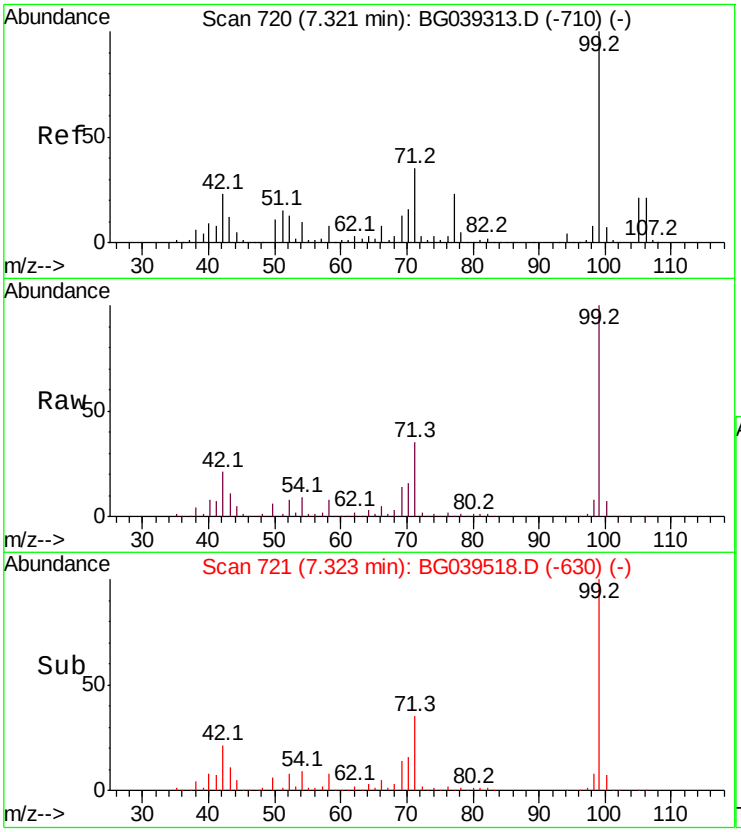


#5
2-Fluorophenol
Concen: 153.476 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Tgt Ion:112 Resp: 406631

Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.8	86.8
63	37.0	29.8	44.6



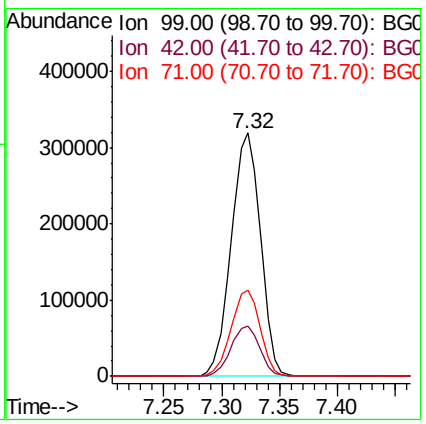


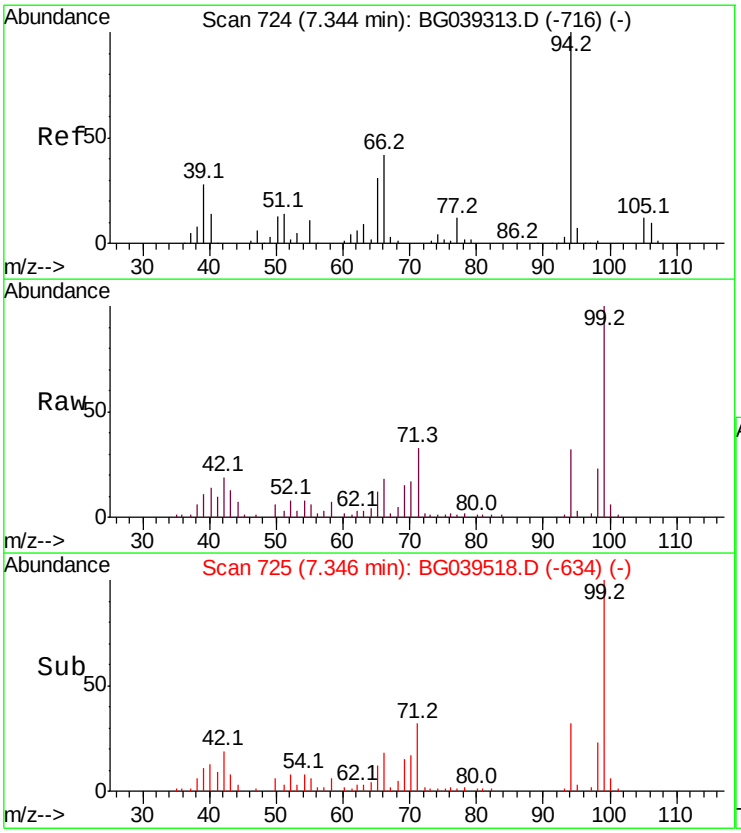
#7
Phenol-d6
Concen: 143.734 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR

Tgt Ion: 99 Resp: 560554

Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.2	27.2
71	35.4	28.0	42.0

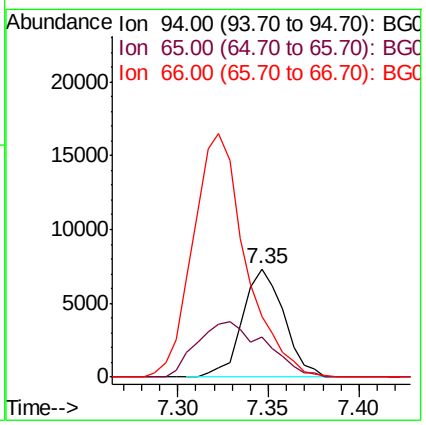


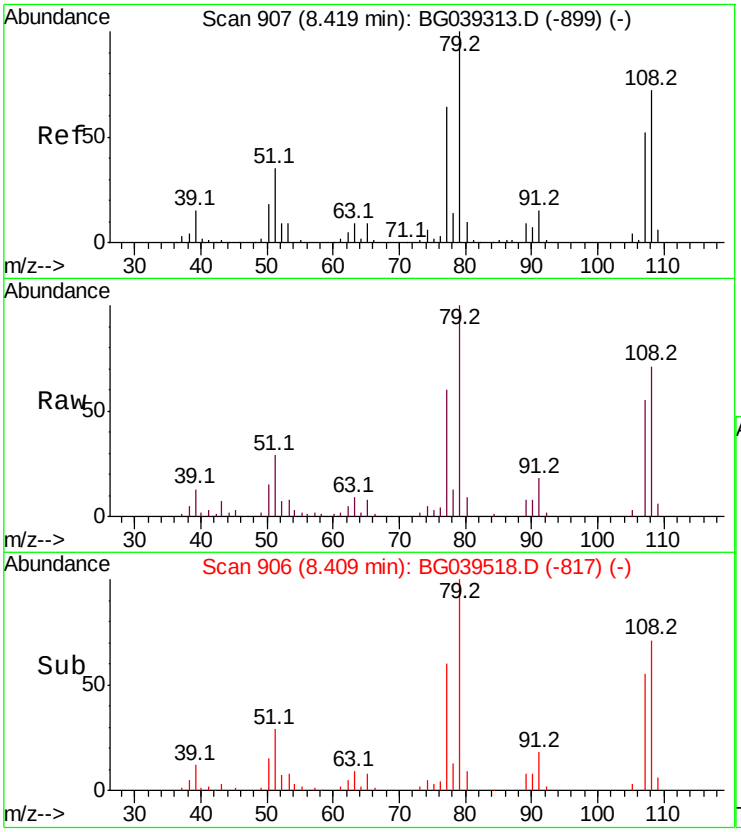


#10
Phenol
Concen: 2.866 ng
RT: 7.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Tgt Ion: 94 Resp: 11651

Ion	Ratio	Lower	Upper
94	100		
65	36.7	11.7	51.7
66	56.0	23.7	63.7



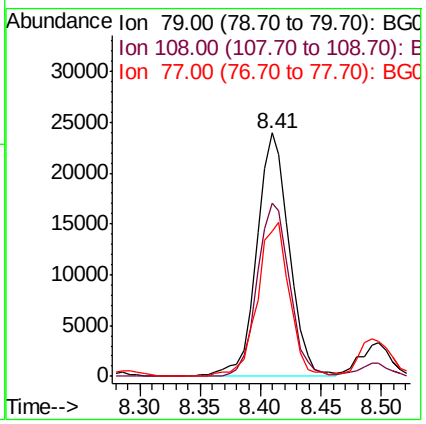


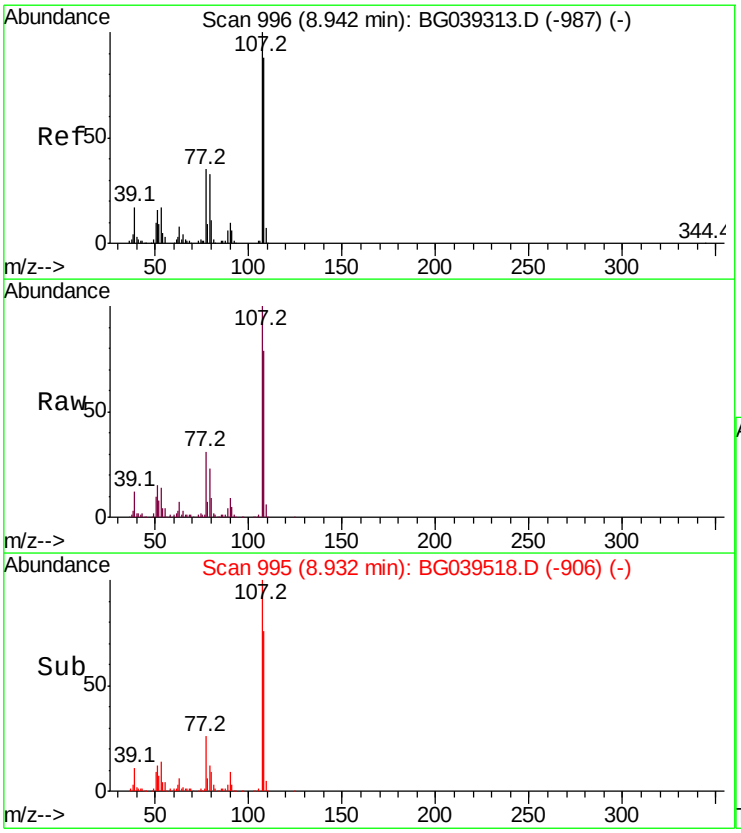
#15
Benzyl Alcohol
Concen: 14.491 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR

Tgt Ion: 79 Resp: 44367

Ion	Ratio	Lower	Upper
79	100		
108	71.2	57.8	86.6
77	59.6	51.1	76.7

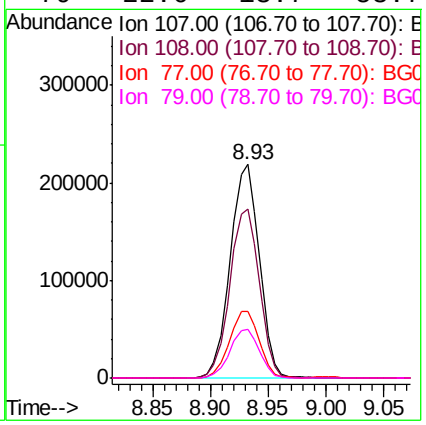


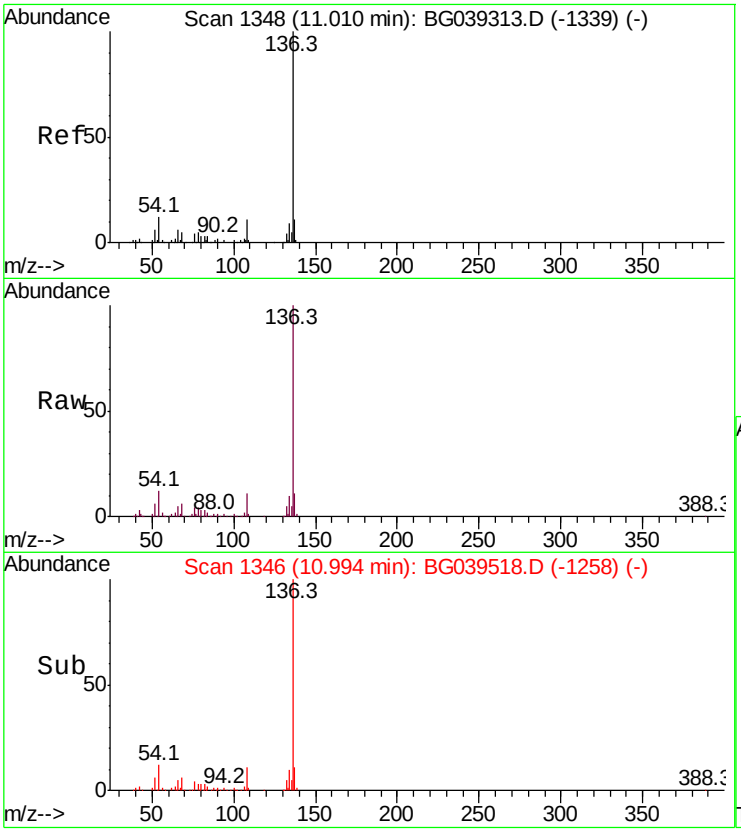


#20
3+4-Methylphenols
Concen: 105.800 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Tgt Ion:107 Resp: 383295

Ion	Ratio	Lower	Upper
107	100		
108	78.9	67.9	107.9
77	31.2	15.4	55.4
79	22.6	13.7	53.7



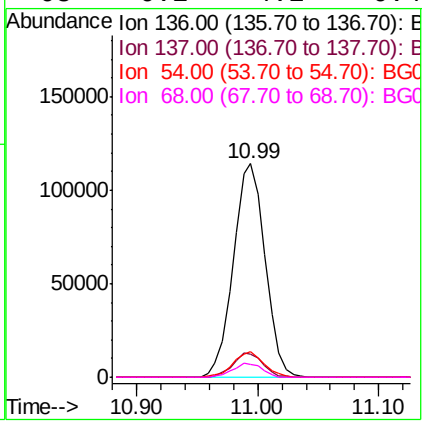


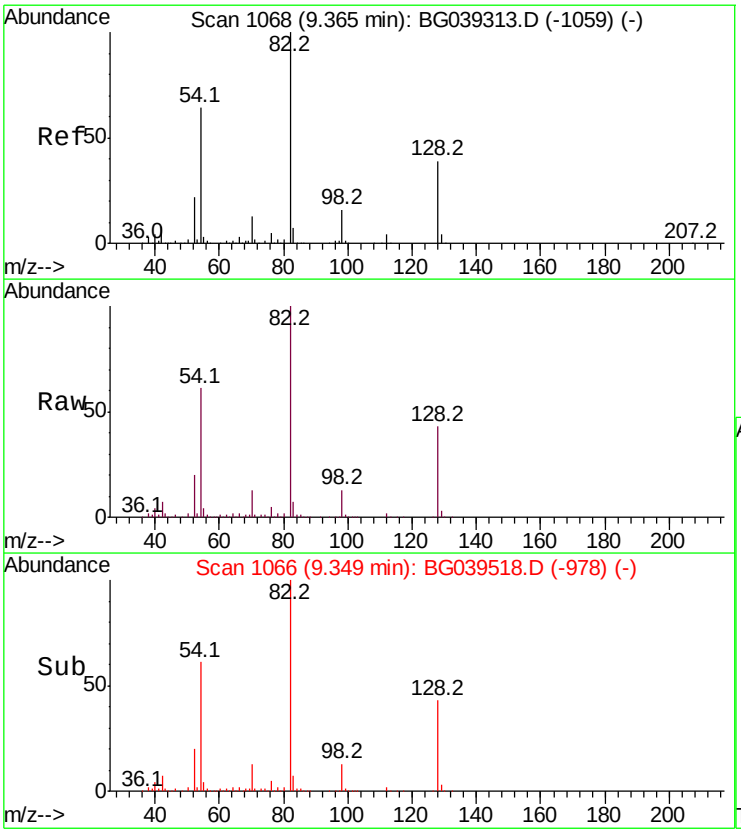
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR

Tgt Ion:136 Resp: 209042

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	11.7	9.4	14.2
68	6.2	4.2	6.4

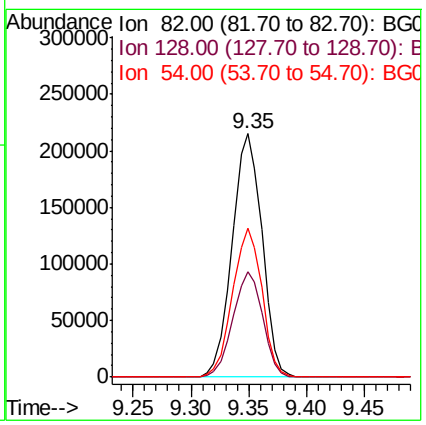


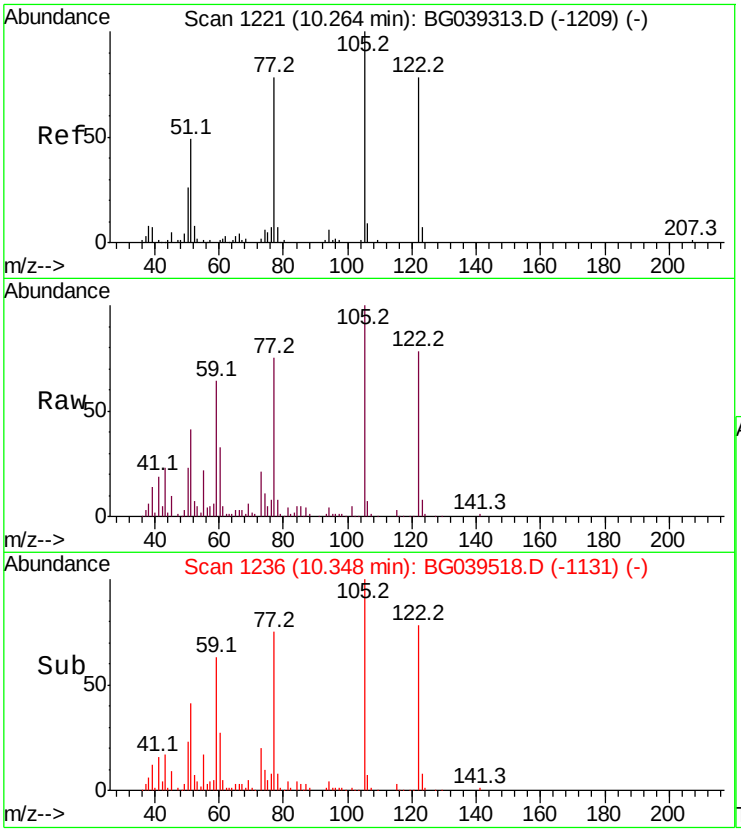


#23
Nitrobenzene-d5
Concen: 115.012 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Tgt Ion: 82 Resp: 384854

Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	61.1	50.9	76.3



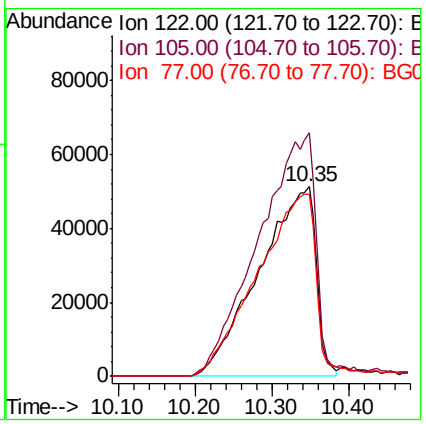


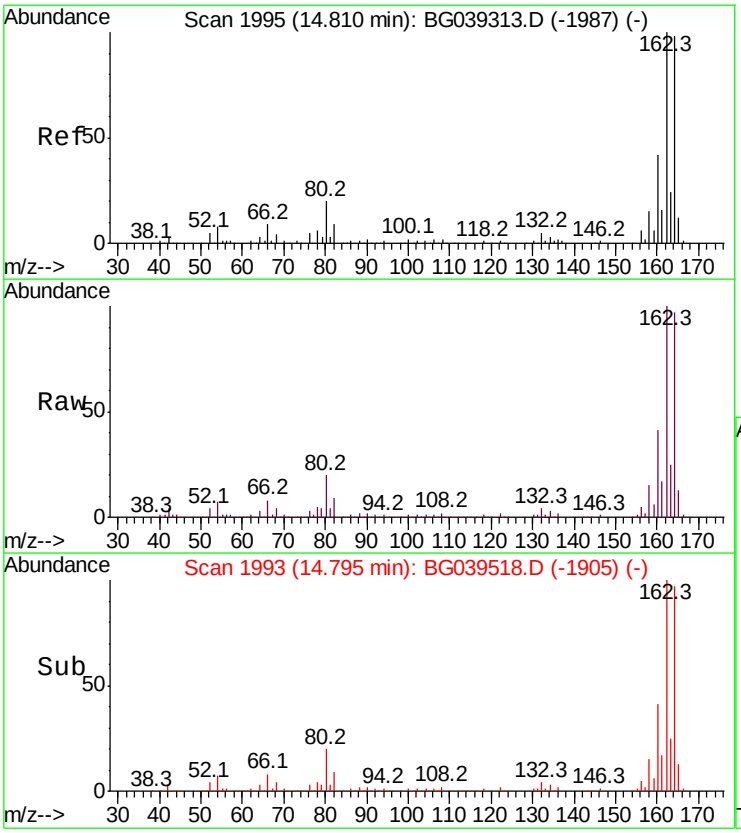
#32
Benzoic acid
Concen: 117.621 ng
RT: 10.35 min Scan# 1236
Delta R.T. 0.08 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR

Tgt Ion:122 Resp: 262682

Ion	Ratio	Lower	Upper
122	100		
105	128.4	101.8	141.8
77	95.9	76.3	116.3

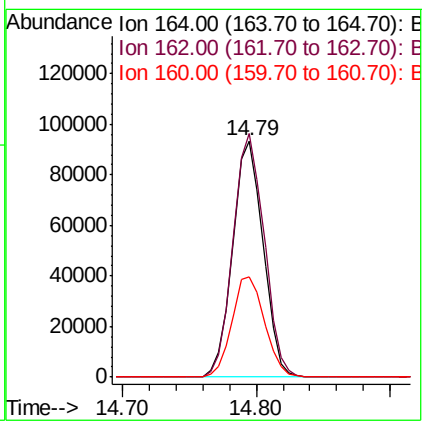


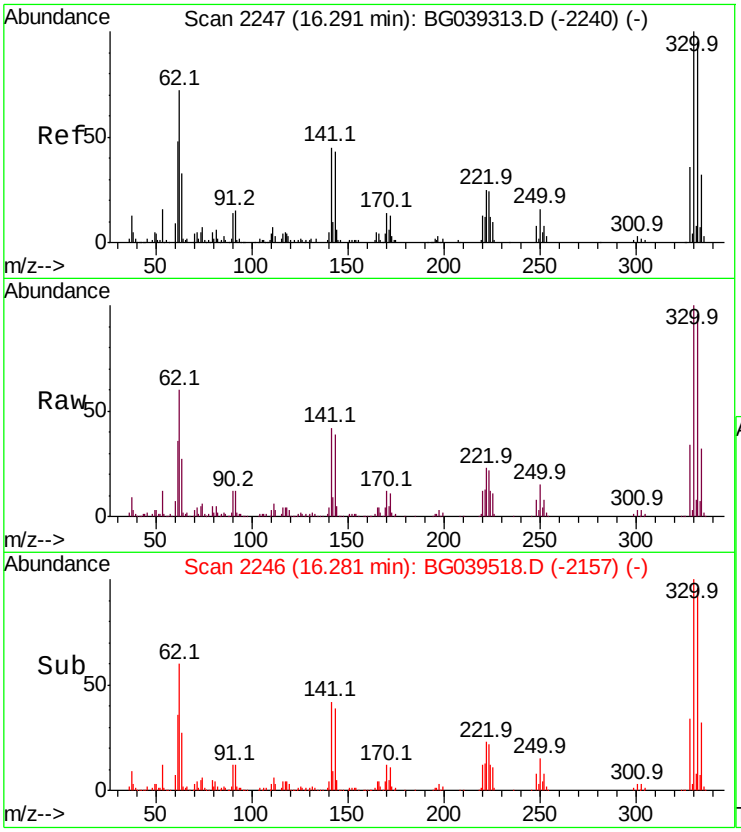


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Tgt Ion:164 Resp: 148198

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.6	122.4
160	42.6	34.2	51.2



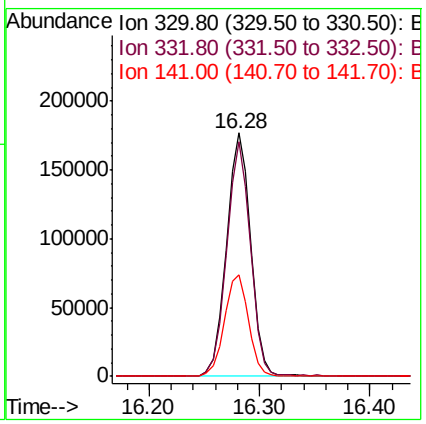


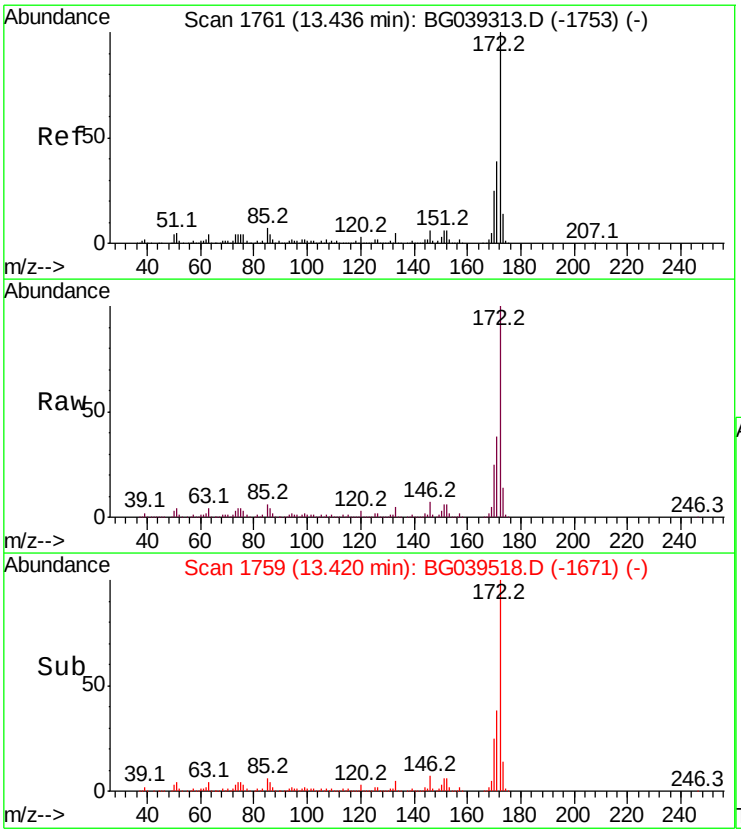
#42
2,4,6-Tribromophenol
Concen: 170.109 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR

Tgt Ion:330 Resp: 271466

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	41.6	35.6	53.4

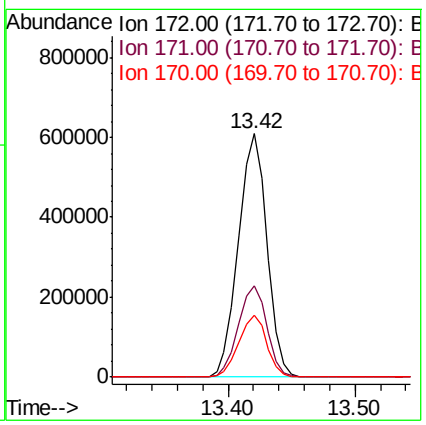


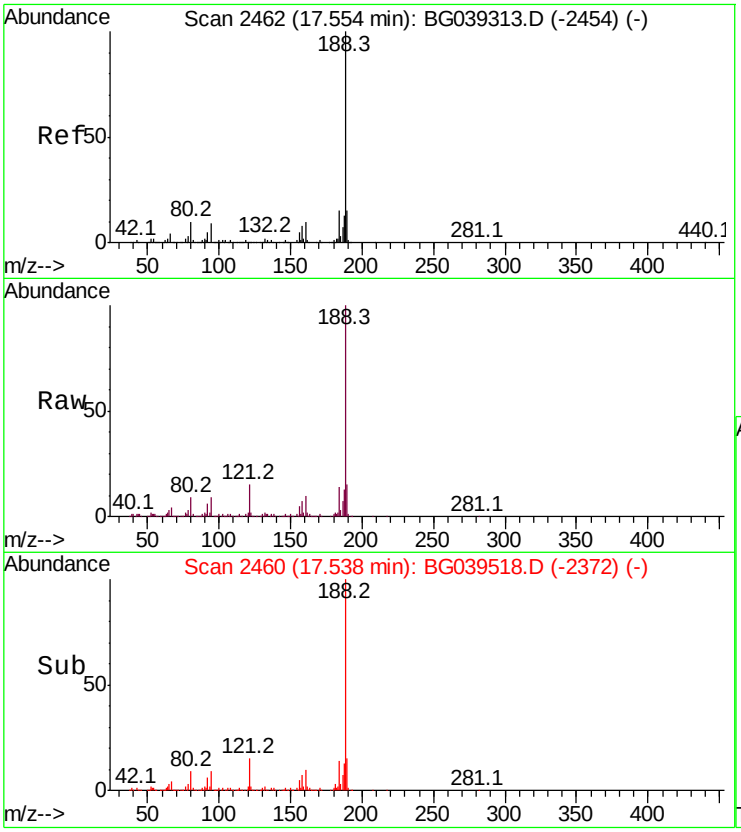


#45
2-Fluorobiphenyl
Concen: 92.120 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Tgt Ion:172 Resp: 951660

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.3	20.2	30.4



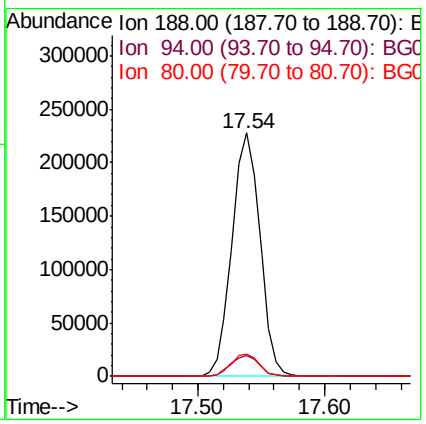


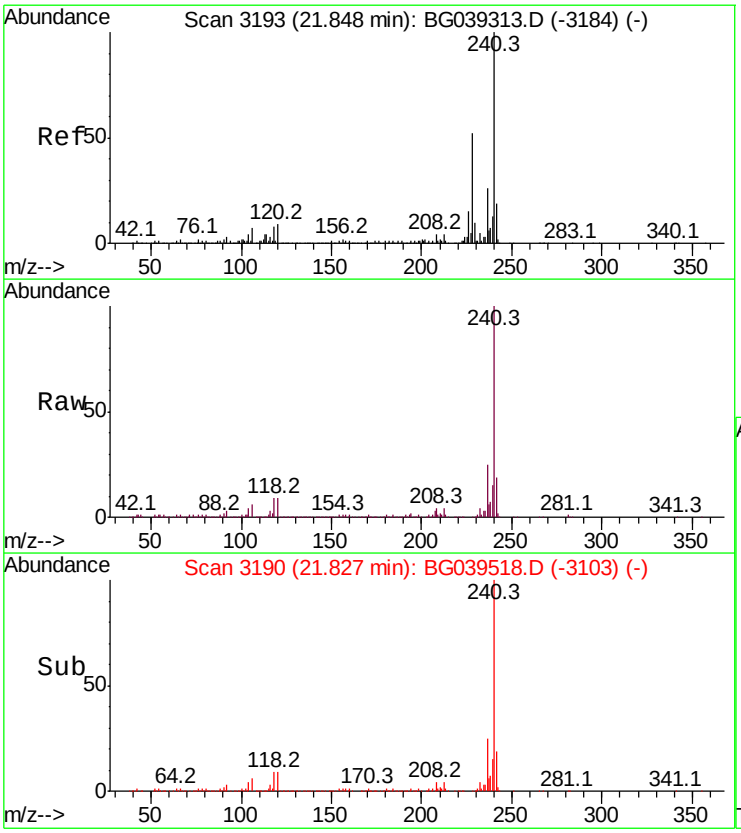
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR

Tgt Ion:188 Resp: 347477

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	8.9	8.1	12.1

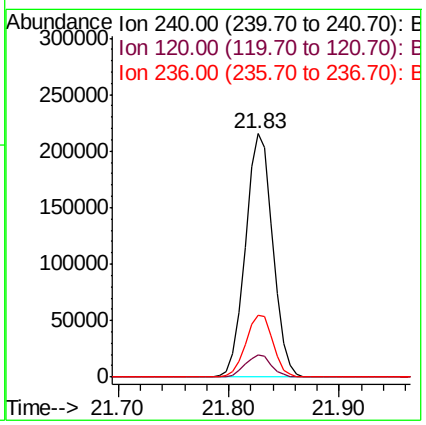


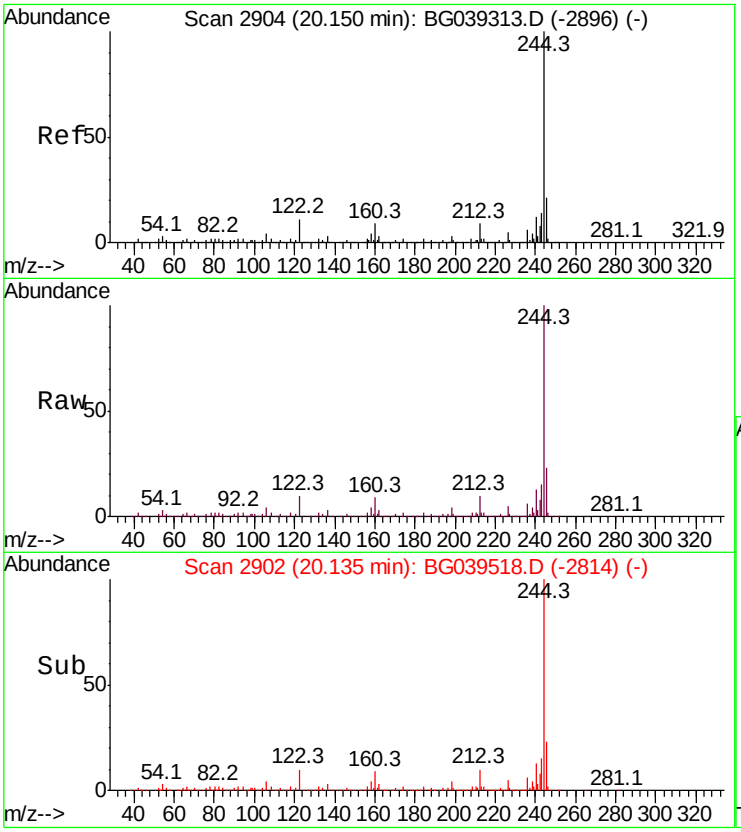


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Tgt Ion:240 Resp: 373651

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	25.2	21.0	31.4



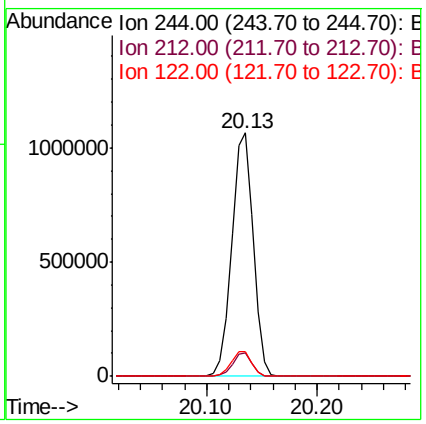


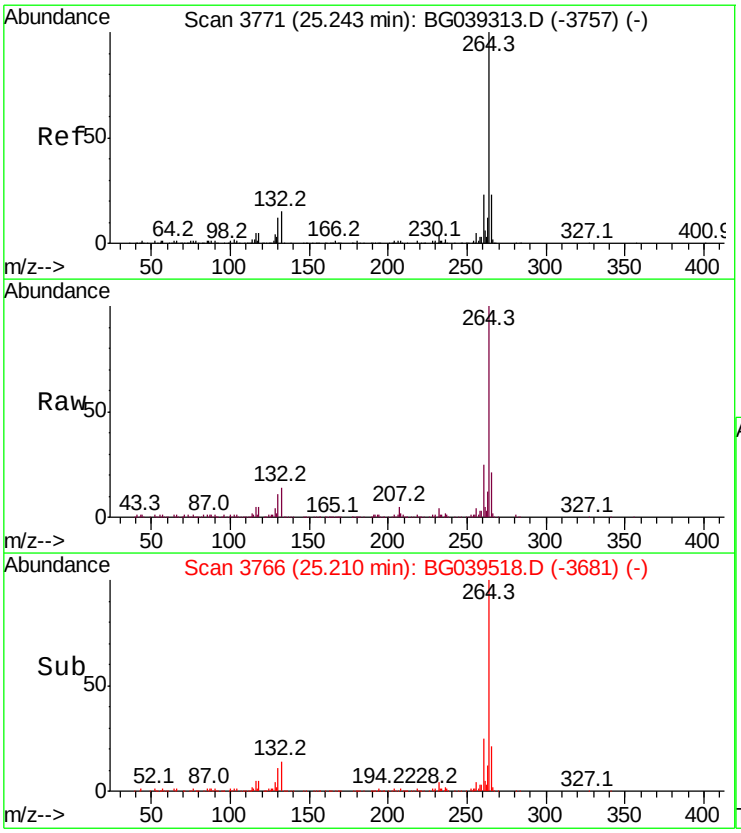
#79
Terphenyl-d14
Concen: 81.984 ng
RT: 20.13 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG039518.D
Acq: 14 Feb 2019 22:36

Instrument :
BNA_G
ClientSampleId :
OIL-WATER-SEPERATOR

Tgt Ion:244 Resp: 1447236

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.3	10.9
122	9.9	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: BG039518.D
Acq: 14 Feb 2019 22:36

Tgt Ion:264 Resp: 382373

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	20.9	18.5	27.7