Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
Data File : BG039432.D
Acq On : 11 Feb 2019 13:37
Operator : JU/SJ
Sample : K1404-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C12-SS1-7.5-8.0

Quant Time: Feb 12 00:13:20 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	57142	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	253211	20.00	ng		-0.02
39) Acenaphthene-d10	14.80	164	178449	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	457459	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	484991	20.00	ng		-0.02
87) Perylene-d12	25.21	264	486466	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	531687	159.25	ng		0.00
7) Phenol-d6	7.31	99	774681	157.63	ng		0.00
23) Nitrobenzene-d5	9.35	82	450752	111.21	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	326421	169.87	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	987185	79.36	ng		-0.02
79) Terphenyl-d14	20.13	244	1693206	73.90	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	7.31	77	2271	Below Cal		#	4
10) Phenol	7.33	94	50155	9.790	ng		91
19) n-Nitroso-di-n-propylamine	9.35	70	58998	16.914	ng	#	70
26) 2-Nitrophenol	10.12	139	66	4.050	ng	#	31
48) 2-Nitroaniline	14.23	65	1074	8.573	ng	#	1
50) Dimethylphthalate	14.24	163	123166	8.546	ng		98
51) 2,6-Dinitrotoluene	14.23	165	1535	7.051	ng	#	51
53) 3-Nitroaniline	14.80	138	67	5.813	ng	#	1
56) 4-Nitrophenol	14.99	139	175	5.856	ng	#	36
57) 2,4-Dinitrotoluene	14.79	165	23175	13.447	ng	#	19
65) 4,6-Dinitro-2-methylphenol	16.28	198	1080	4.932	ng	#	1
67) 4-Bromophenyl-phenylether	16.28	248	26041	5.131	ng	#	1

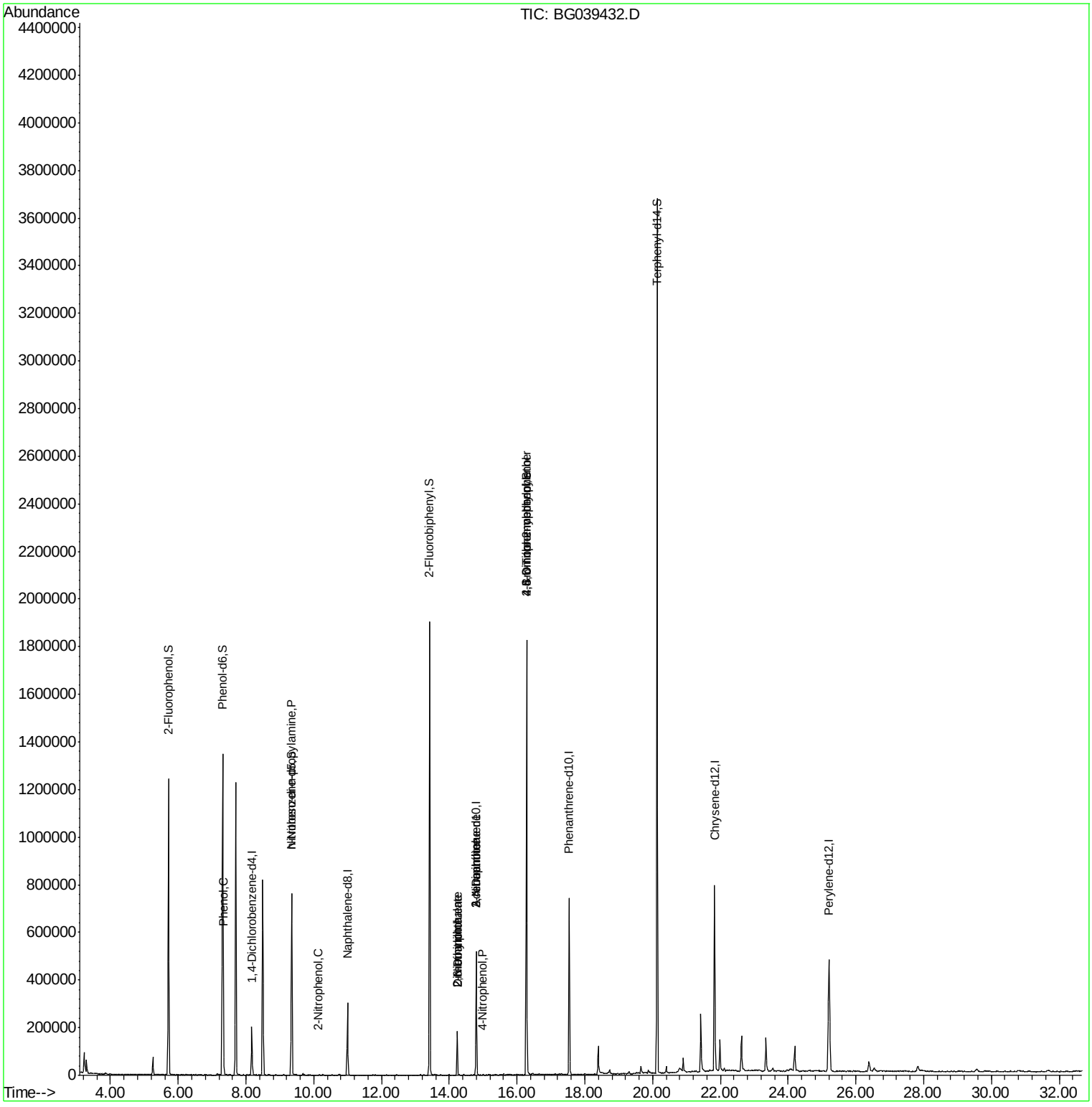
(#) = qualifier out of range (m) = manual integration (+) = signals summed

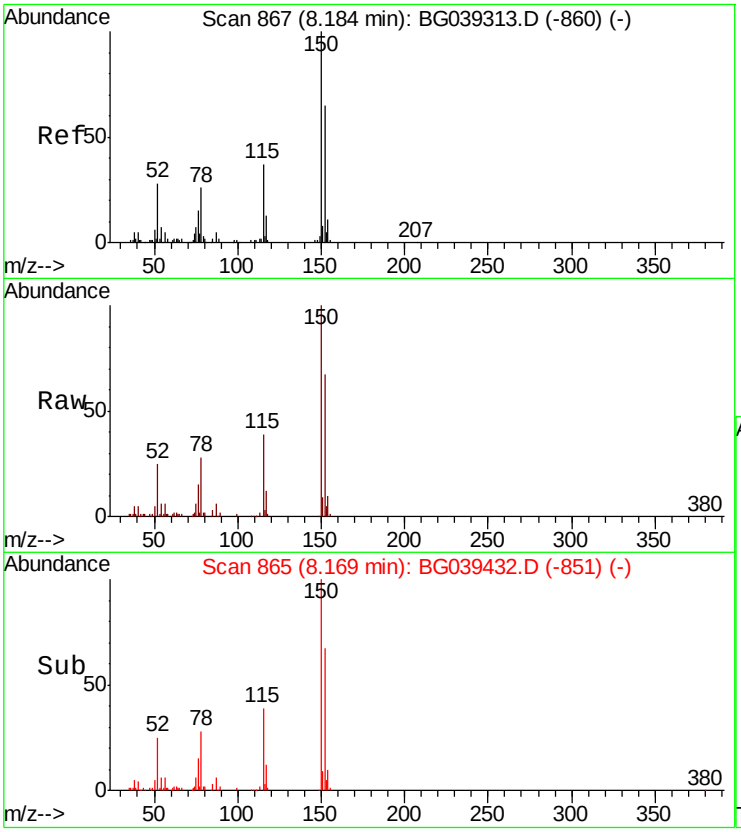
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
Data File : BG039432.D
Acq On : 11 Feb 2019 13:37
Operator : JU/SJ
Sample : K1404-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Quant Time: Feb 12 00:13:20 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



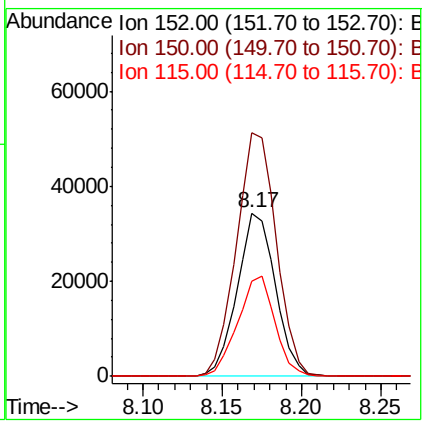


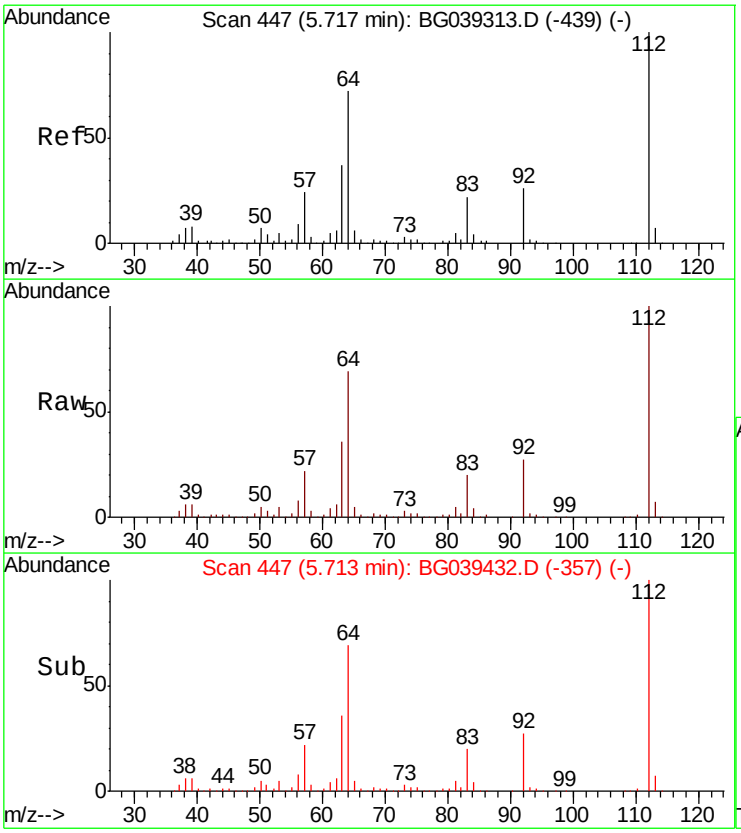
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:152 Resp: 57142

Ion	Ratio	Lower	Upper
152	100		
150	148.9	123.7	185.5
115	58.5	45.9	68.9

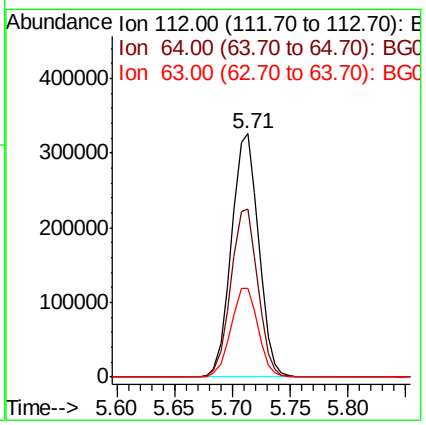


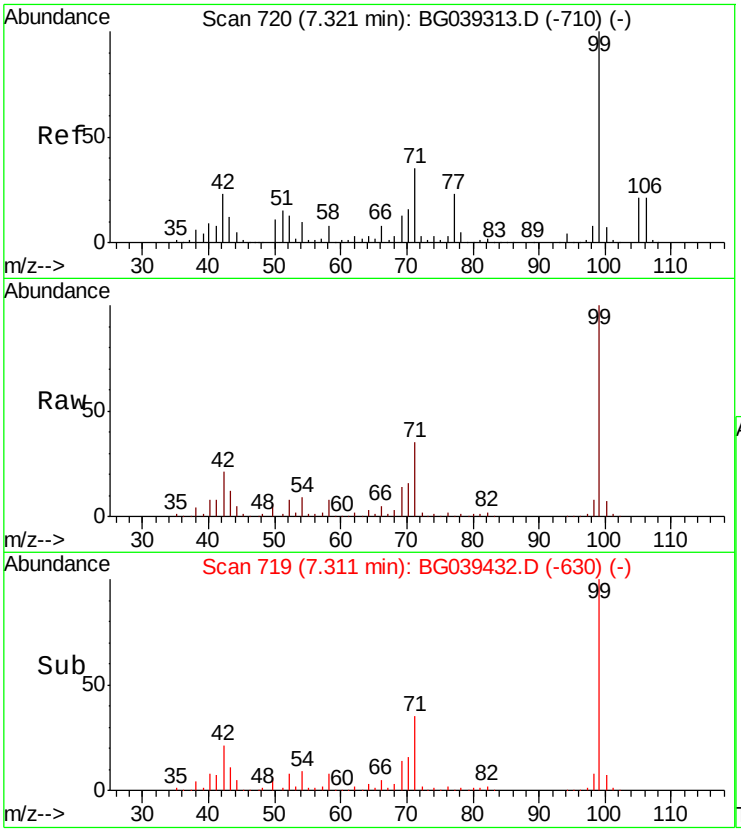


#5
2-Fluorophenol
Concen: 159.250 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Tgt Ion:112 Resp: 531687

Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.8	86.8
63	36.3	29.8	44.6



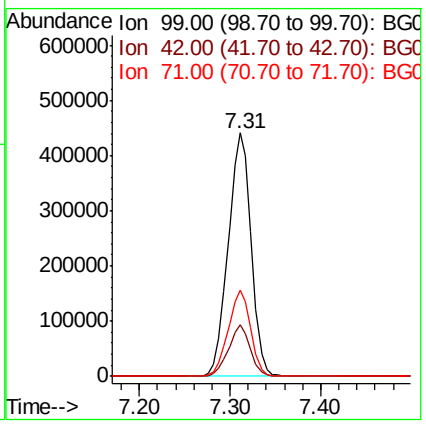


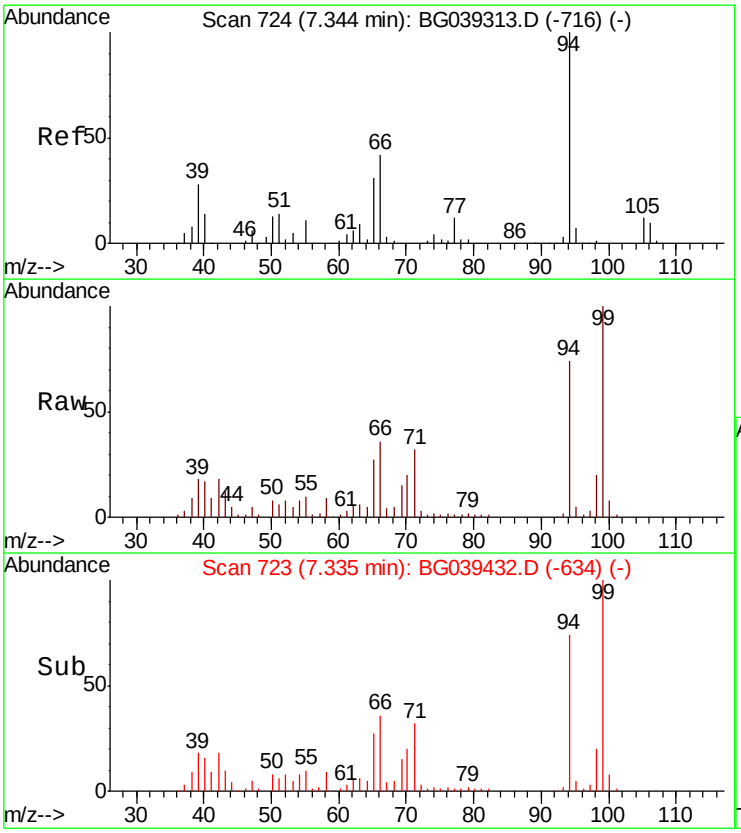
#7
Phenol-d6
Concen: 157.633 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion: 99 Resp: 774681

Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.2	27.2
71	35.4	28.0	42.0

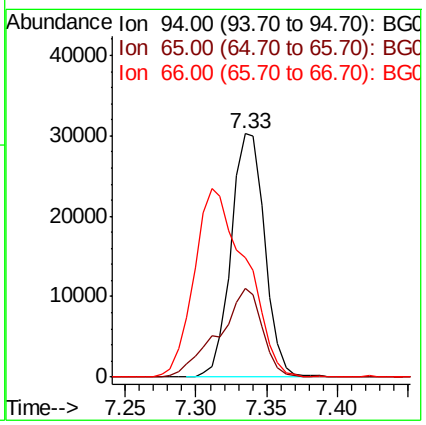


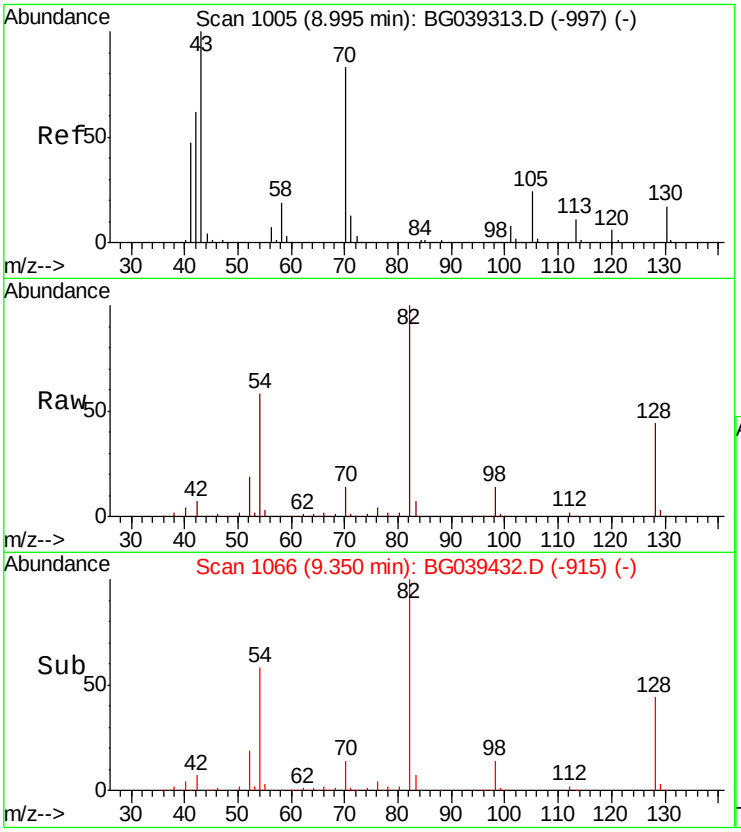


#10
Phenol
Concen: 9.790 ng
RT: 7.33 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Tgt Ion: 94 Resp: 50155

Ion	Ratio	Lower	Upper
94	100		
65	36.5	11.7	51.7
66	49.2	23.7	63.7



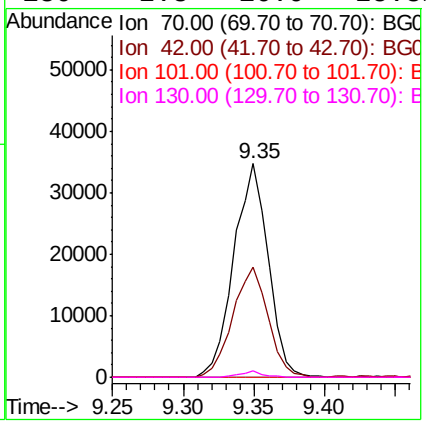


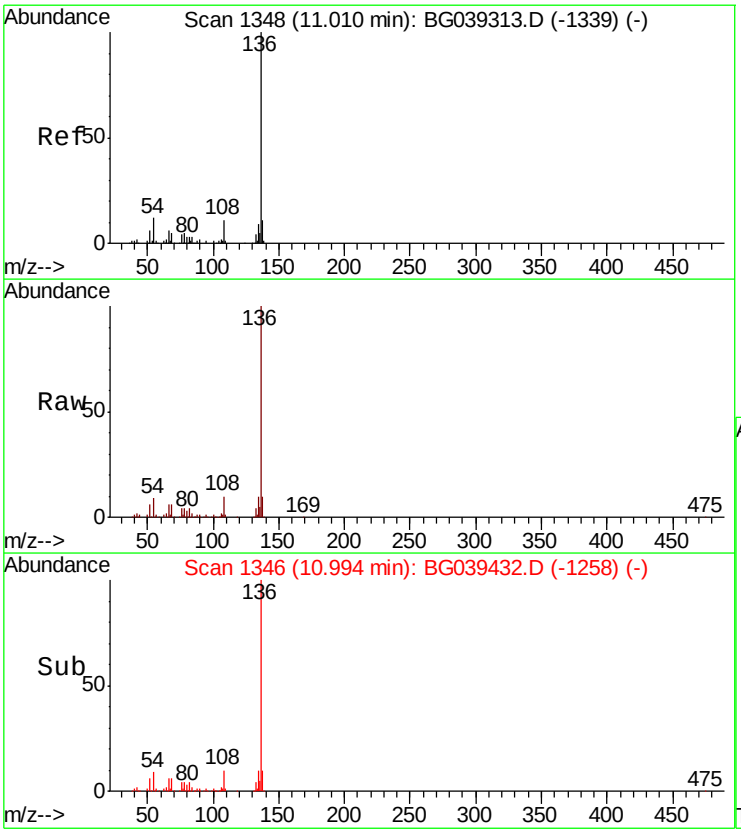
#19
n-Nitroso-di-n-propylamine
Concen: 16.914 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.35 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion: 70 Resp: 58998

Ion	Ratio	Lower	Upper
70	100		
42	51.4	60.4	90.6#
101	0.0	7.5	11.3#
130	2.8	16.9	25.3#

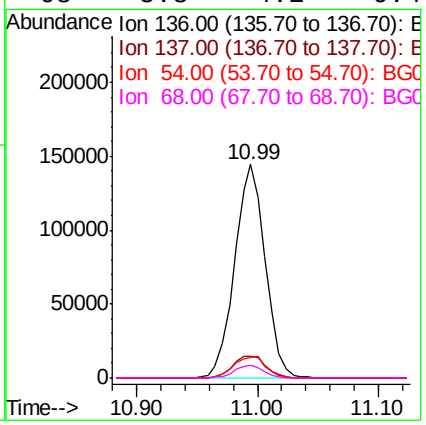


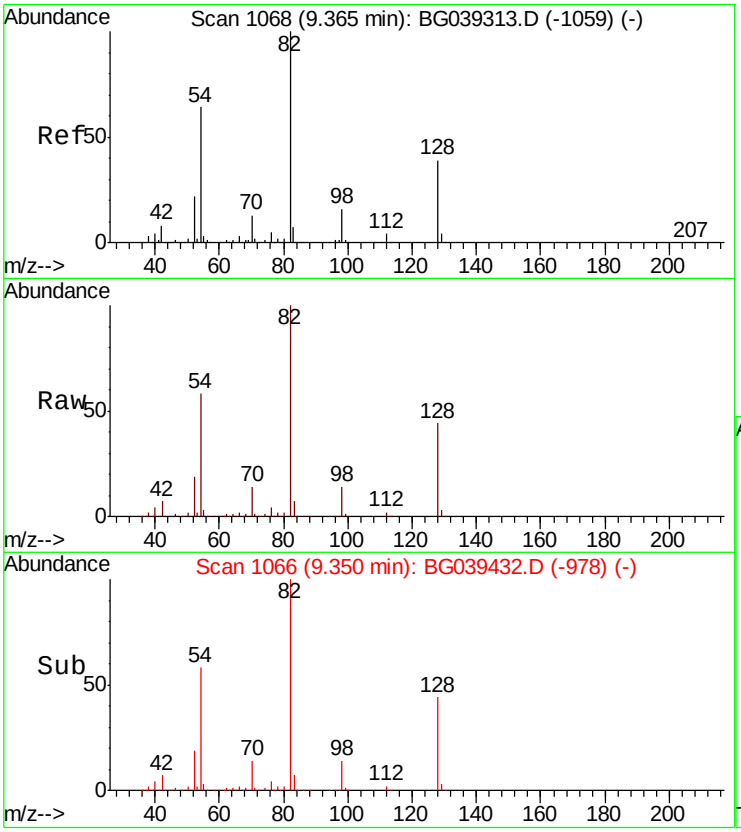


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Tgt Ion:136 Resp: 253211

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	9.5	9.4	14.2
68	5.8	4.2	6.4



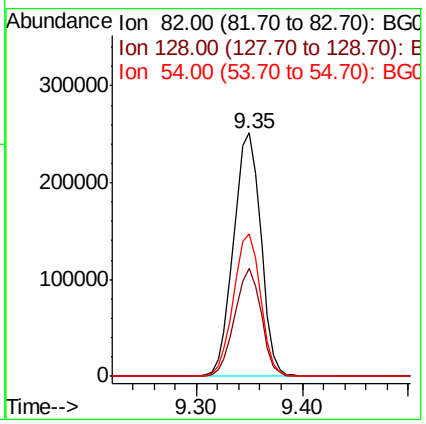


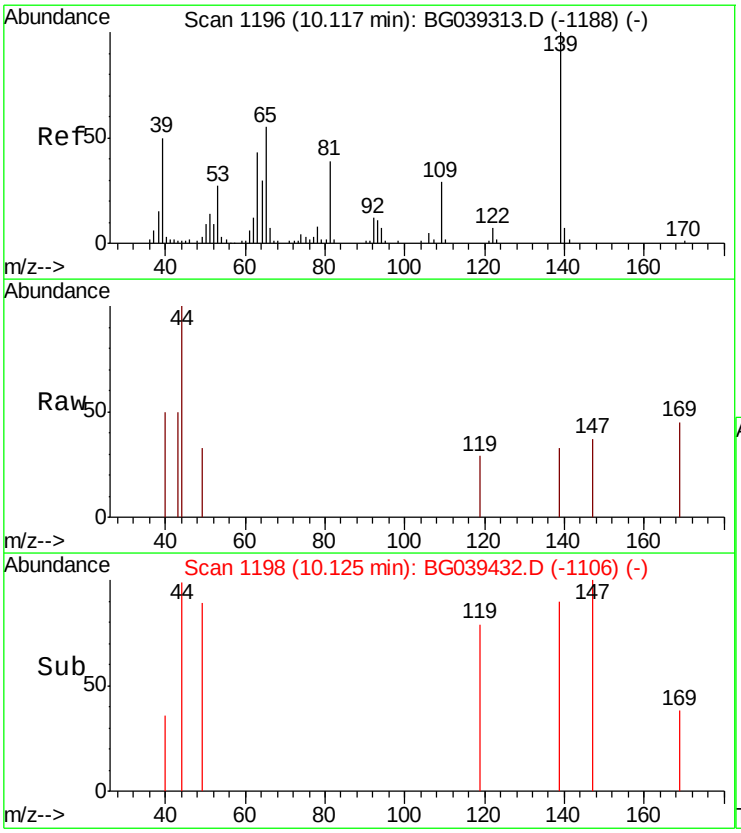
#23
Nitrobenzene-d5
Concen: 111.208 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion: 82 Resp: 450752

Ion	Ratio	Lower	Upper
82	100		
128	44.1	31.3	46.9
54	58.4	50.9	76.3

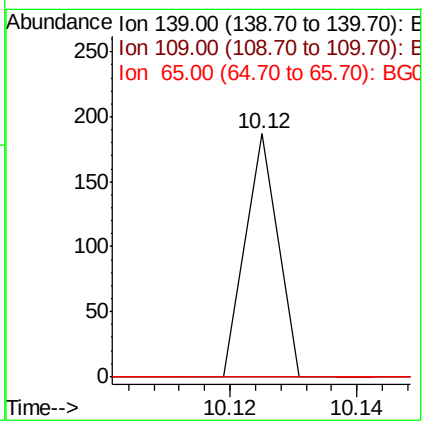


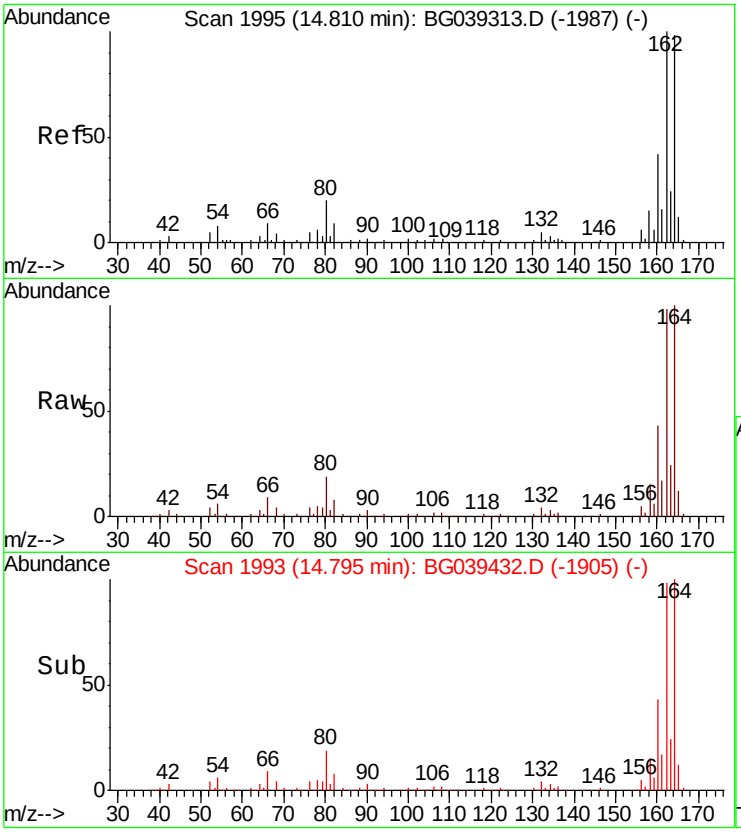


#26
2-Nitrophenol
Concen: 4.050 ng
RT: 10.12 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Tgt Ion:139 Resp: 66

Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.4	35.0#
65	0.0	44.3	66.5#



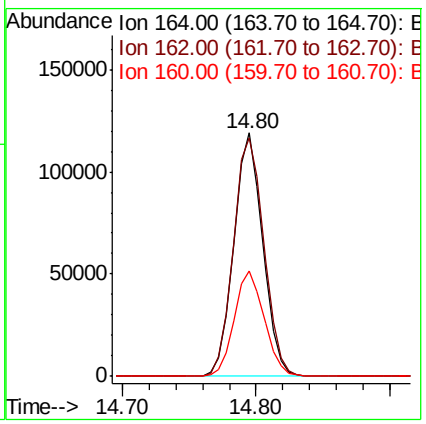


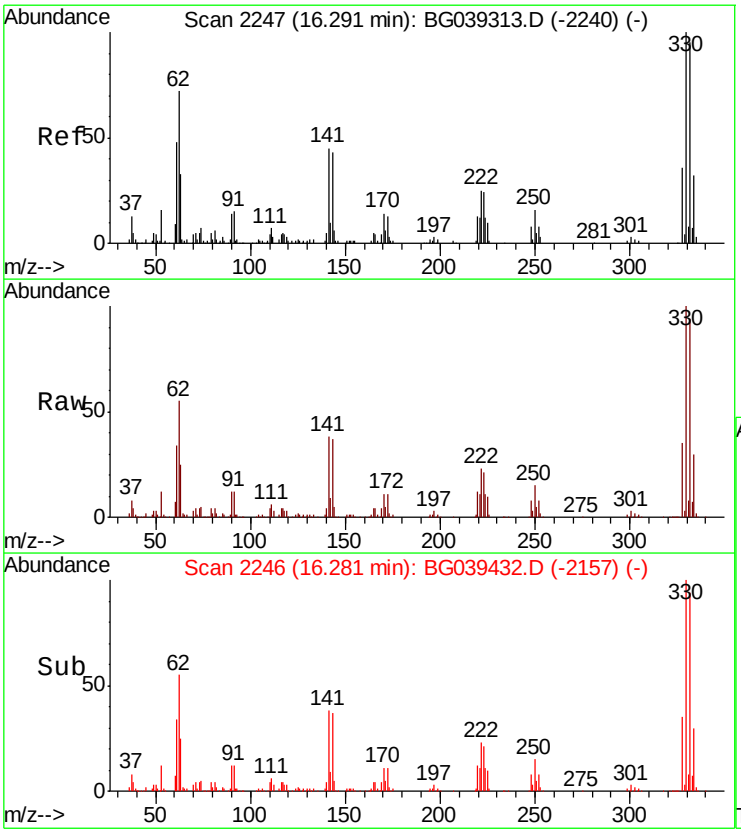
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:164 Resp: 178449

Ion	Ratio	Lower	Upper
164	100		
162	98.0	81.6	122.4
160	43.3	34.2	51.2

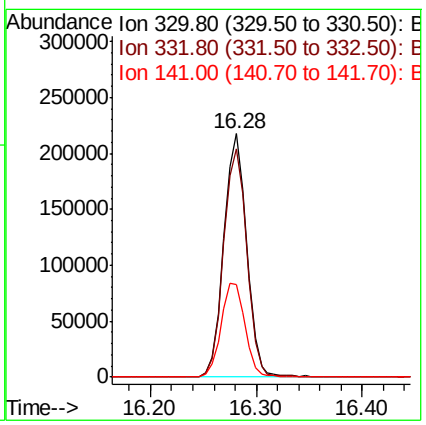


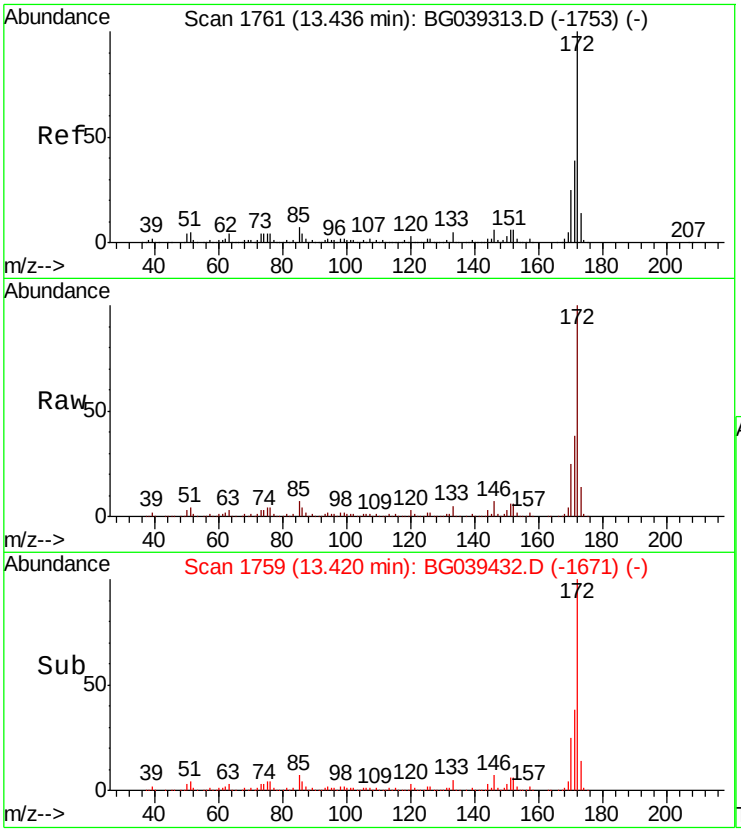


#42
2,4,6-Tribromophenol
Concen: 169.870 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Tgt Ion:330 Resp: 326421

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.7	113.5
141	40.7	35.6	53.4



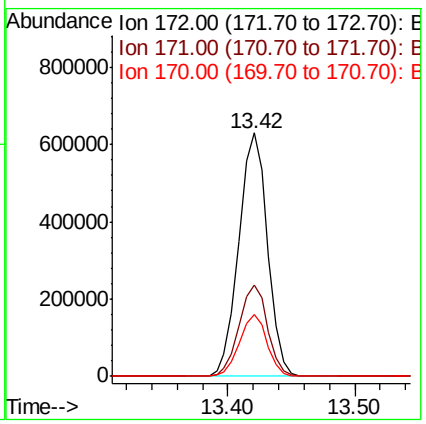


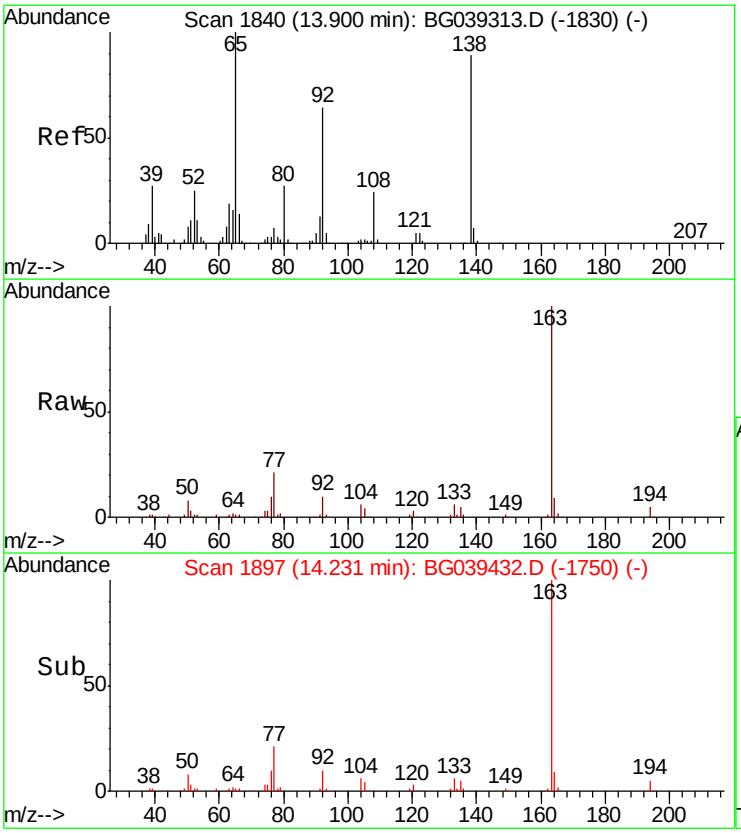
#45
2-Fluorobiphenyl
Concen: 79.360 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:172 Resp: 987185

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

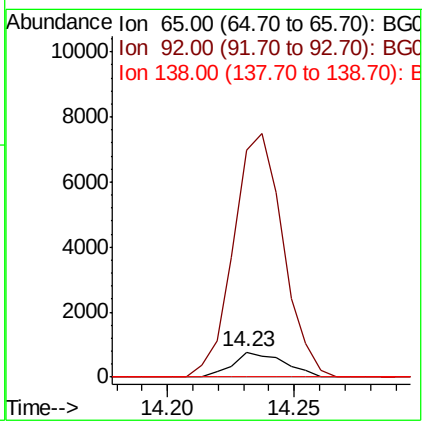


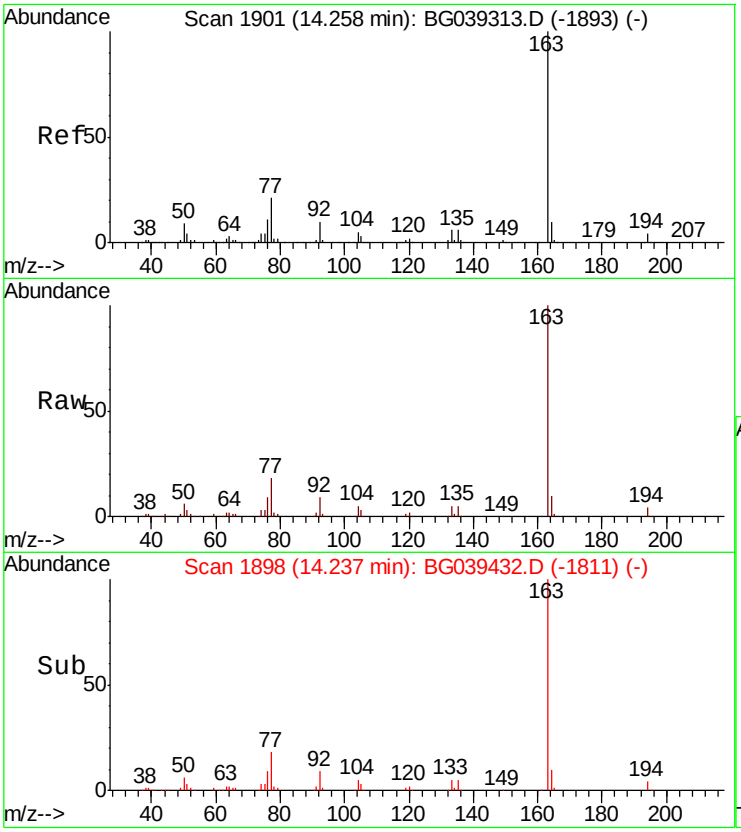


#48
2-Nitroaniline
Concen: 8.573 ng
RT: 14.23 min Scan# 1897
Delta R.T. 0.33 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Tgt Ion: 65 Resp: 1074

Ion	Ratio	Lower	Upper
65	100		
92	895.6	51.4	77.2#
138	0.0	71.4	107.2#



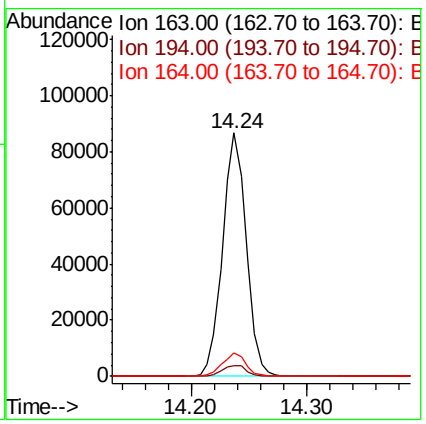


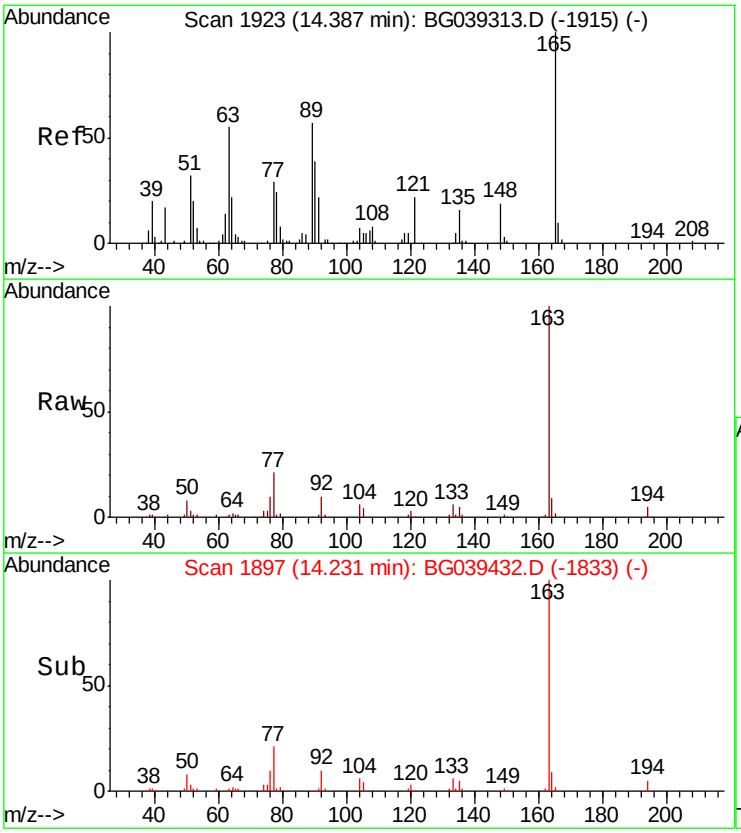
#50
Dimethylphthalate
Concen: 8.546 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:163 Resp: 123166

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.5	8.4	12.6

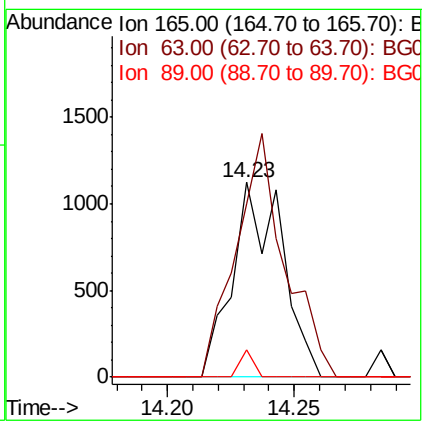


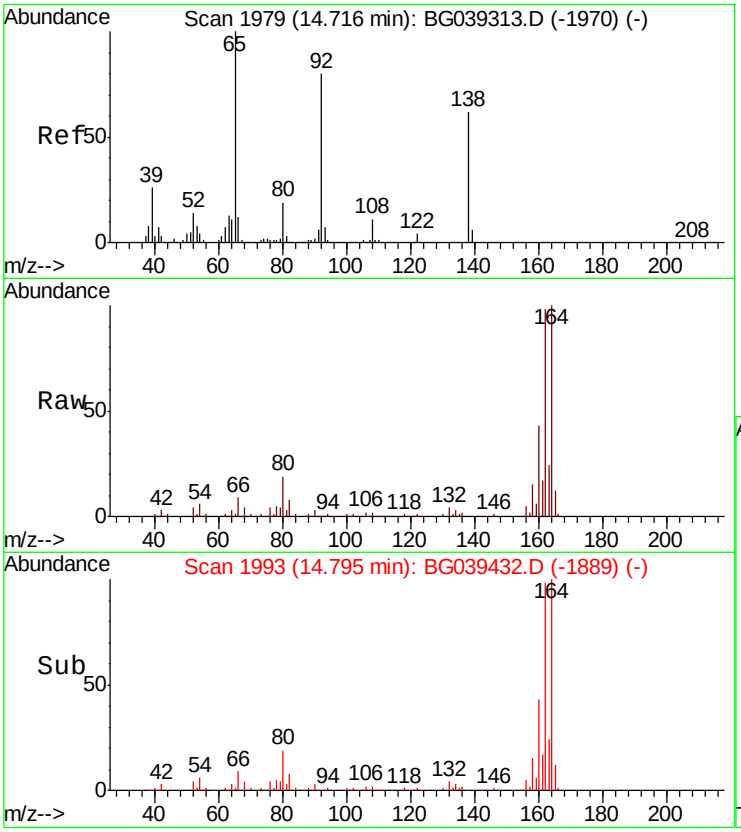


#51
2,6-Dinitrotoluene
Concen: 7.051 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.16 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Tgt Ion:165 Resp: 1535

Ion	Ratio	Lower	Upper
165	100		
63	89.0	47.0	70.6#
89	14.2	45.8	68.8#



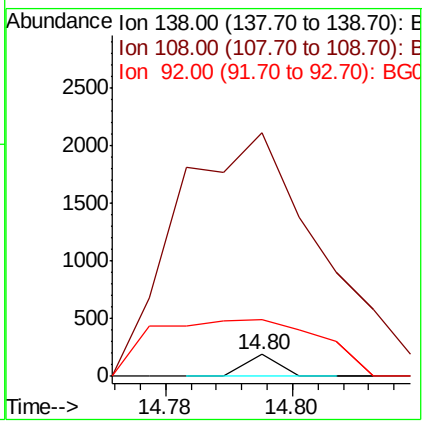


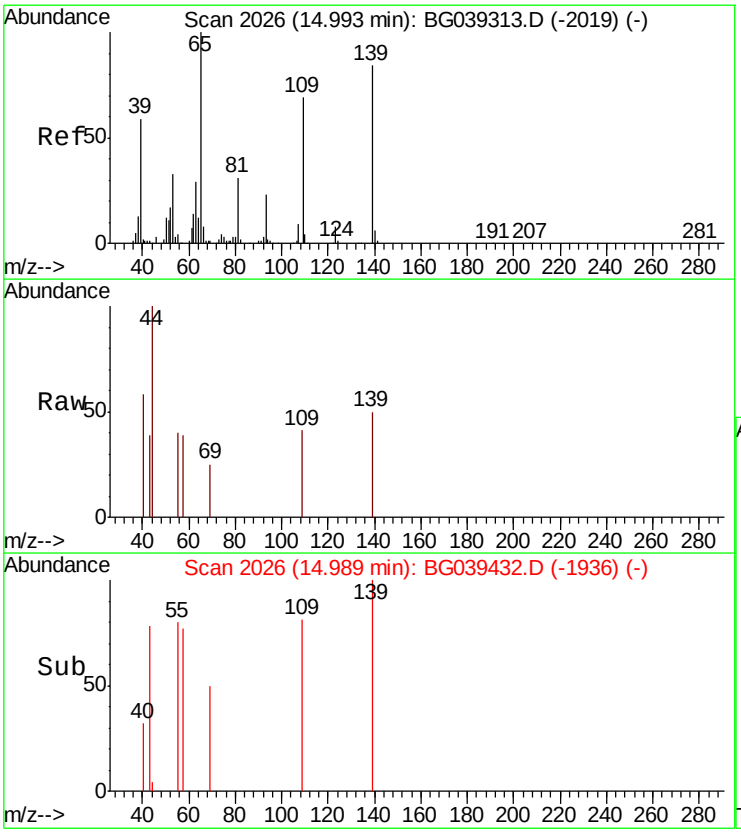
#53
3-Nitroaniline
Concen: 5.813 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.08 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:138 Resp: 67

Ion	Ratio	Lower	Upper
138	100		
108	1118.5	13.8	20.8#
92	260.3	103.7	155.5#

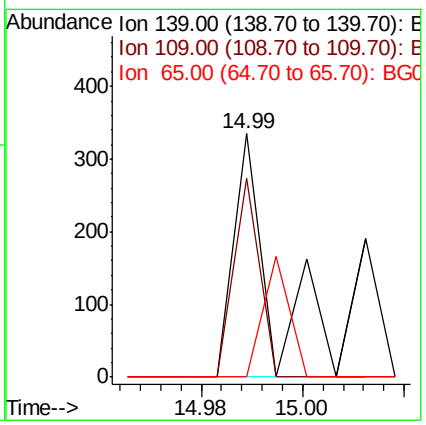


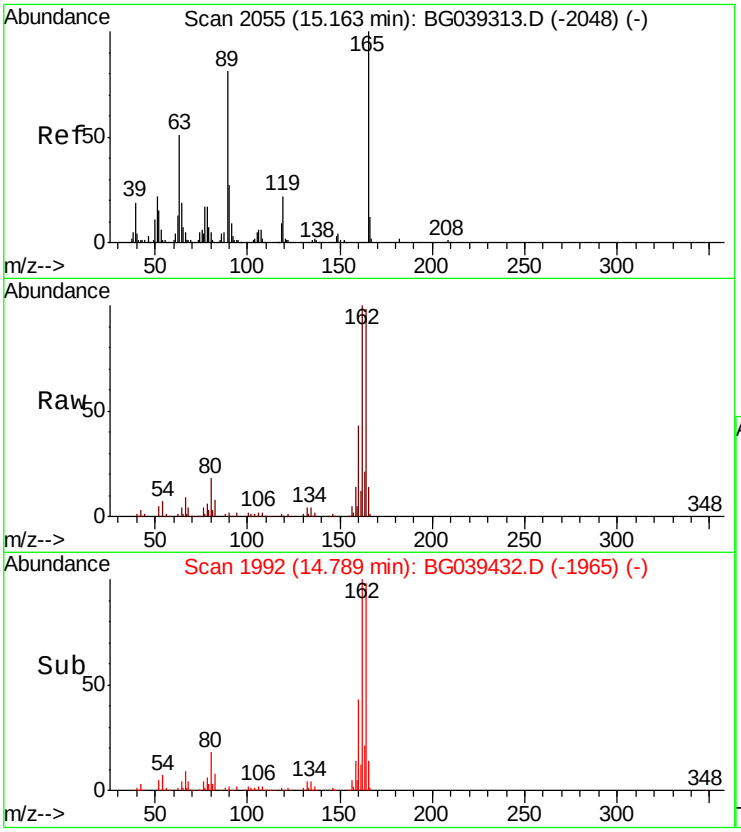


#56
4-Nitrophenol
Concen: 5.856 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Tgt Ion:139 Resp: 175

Ion	Ratio	Lower	Upper
139	100		
109	81.5	61.9	101.9
65	0.0	99.1	139.1#



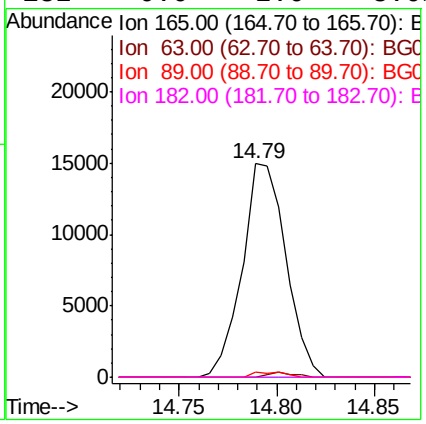


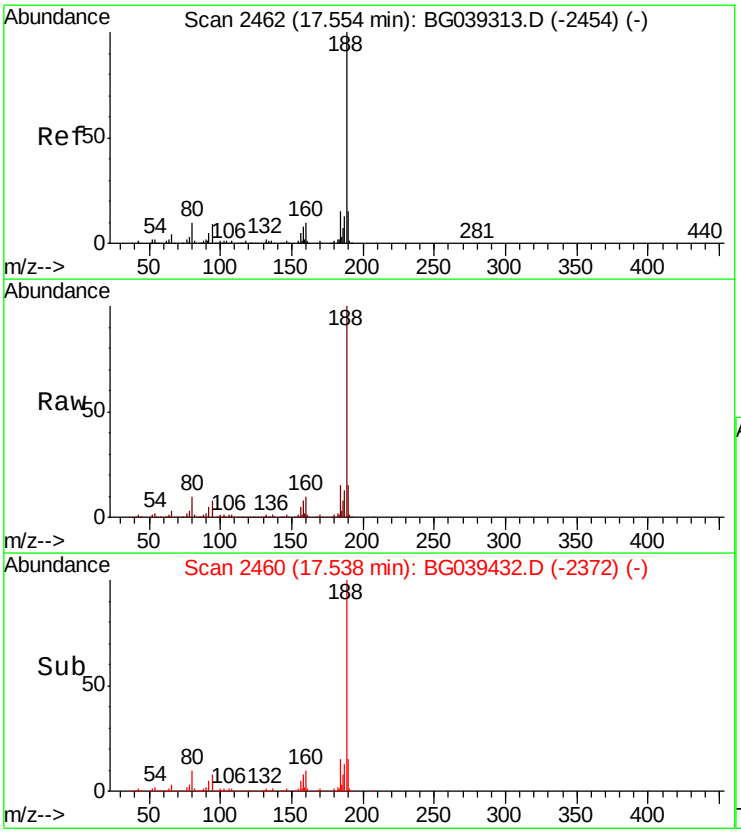
#57
2,4-Dinitrotoluene
Concen: 13.447 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:165 Resp: 23175

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	2.2	64.6	96.8#
182	0.0	2.0	3.0#

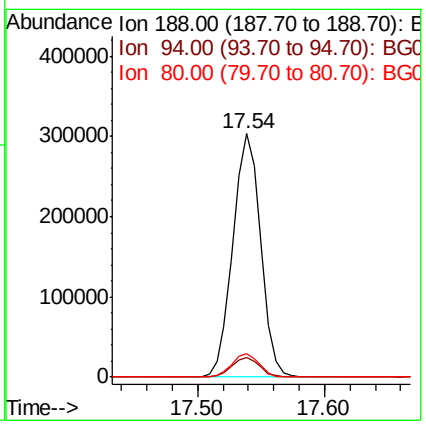


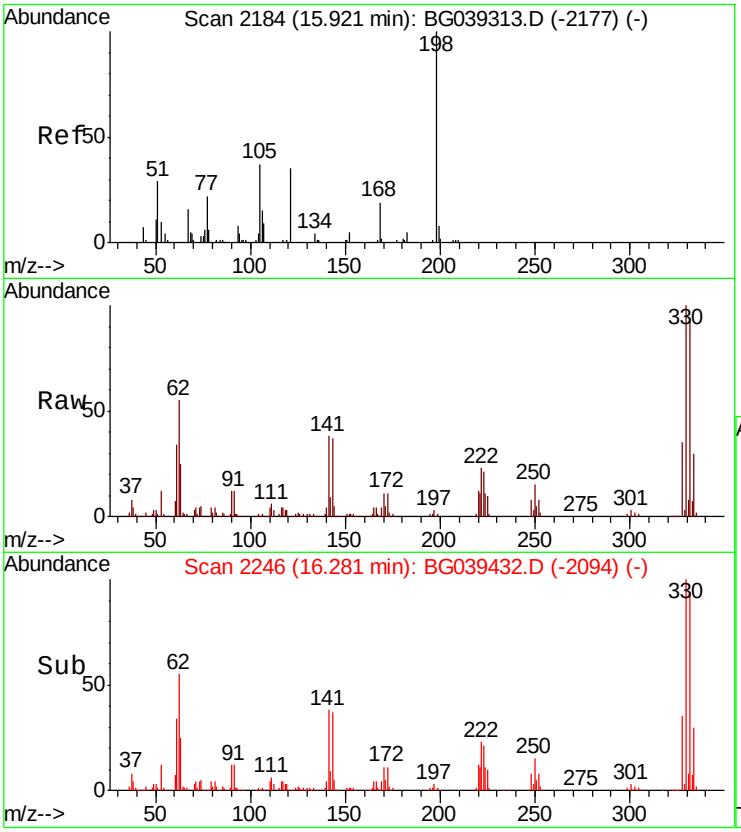


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Tgt Ion:188 Resp: 457459

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.5	8.1	12.1



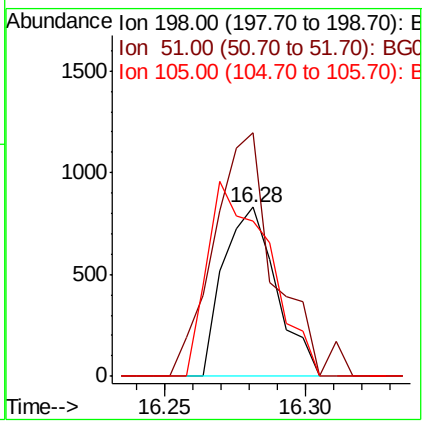


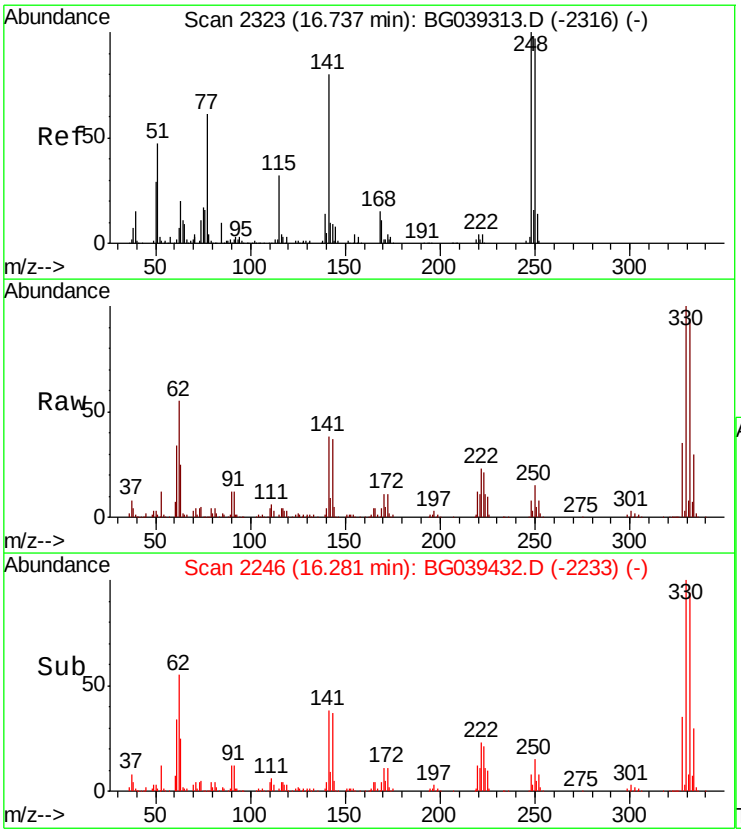
#65
4,6-Dinitro-2-methylphenol
Concen: 4.932 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:198 Resp: 1080

Ion	Ratio	Lower	Upper
198	100		
51	144.3	27.4	67.4#
105	91.7	19.7	59.7#

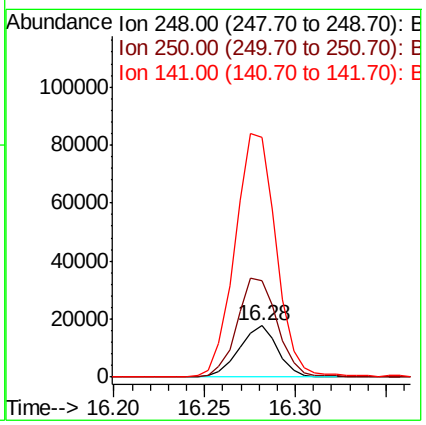


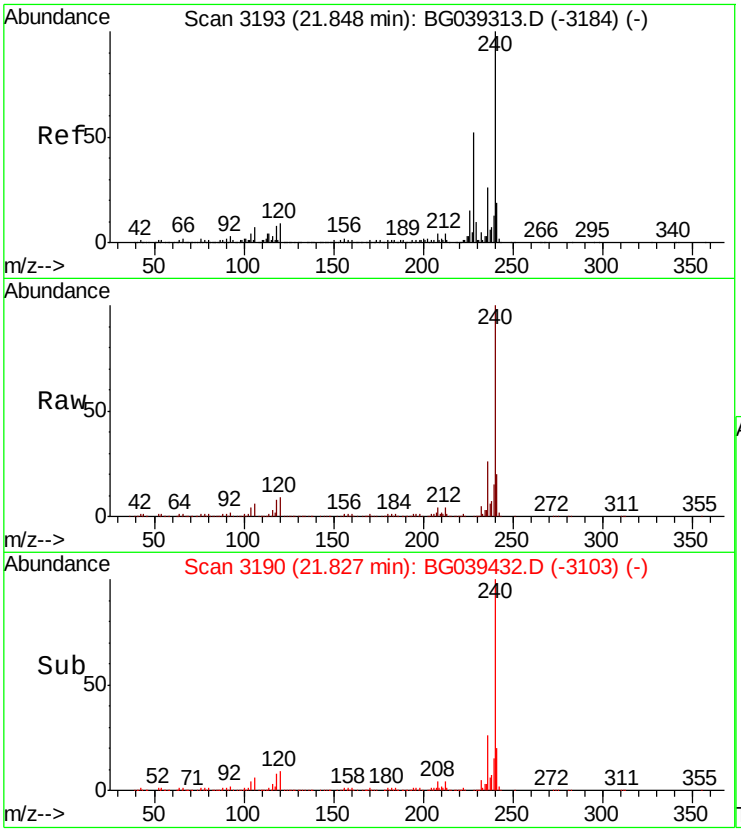


#67
4-Bromophenyl-phenylether
Concen: 5.131 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.46 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Tgt Ion:248 Resp: 26041

Ion	Ratio	Lower	Upper
248	100		
250	188.0	77.6	116.4#
141	467.3	63.9	95.9#



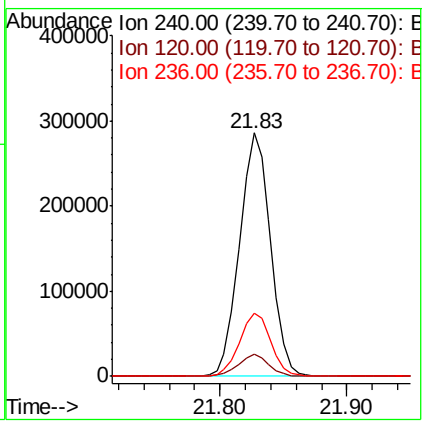


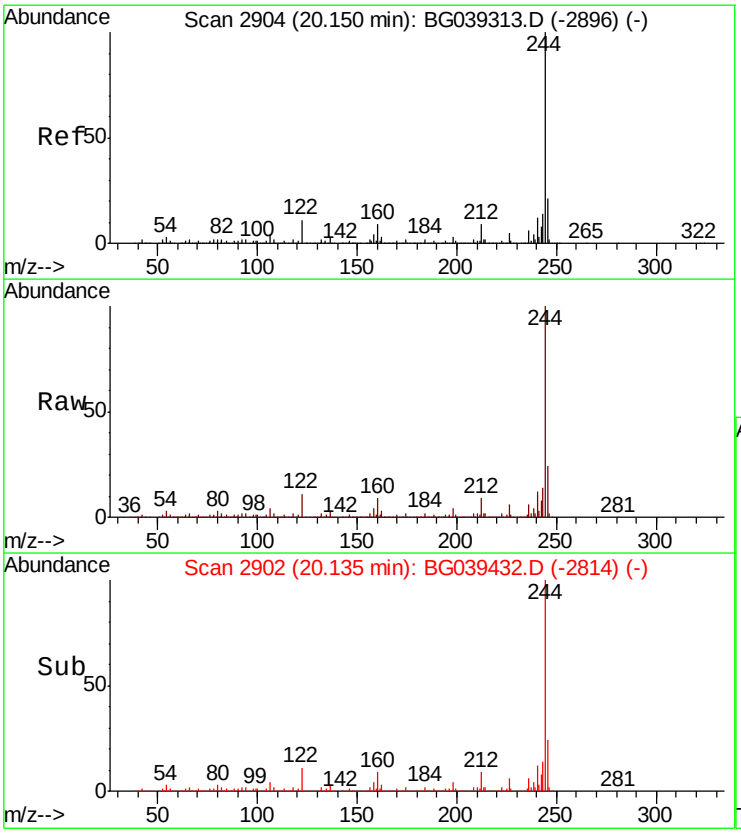
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:240 Resp: 484991

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.0	10.6
236	25.7	21.0	31.4

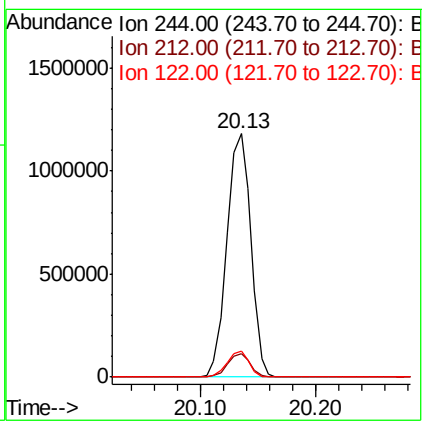


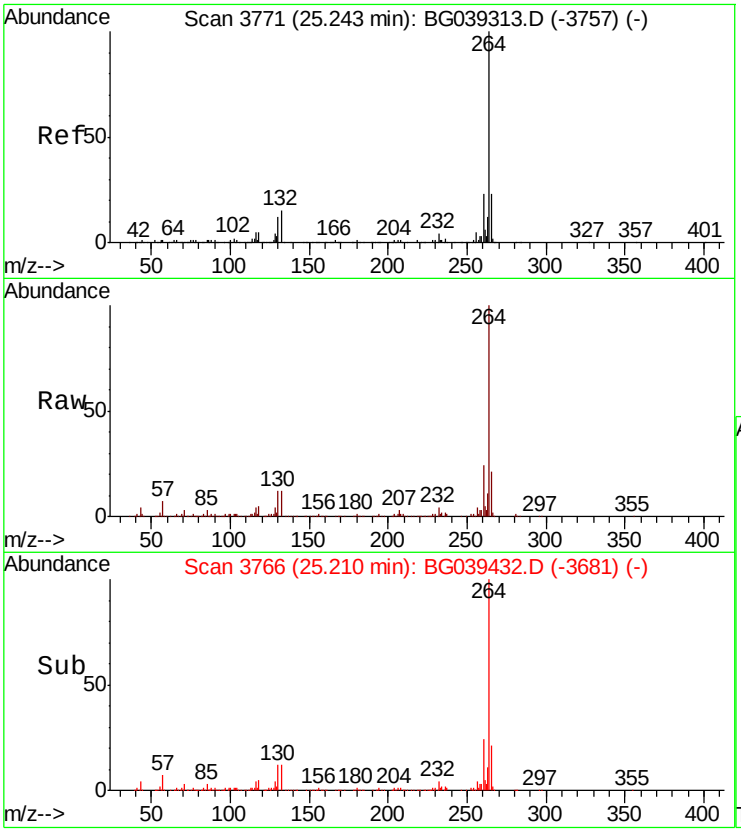


#79
Terphenyl-d14
Concen: 73.898 ng
RT: 20.13 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG039432.D
Acq: 11 Feb 2019 13:37

Tgt Ion:244 Resp: 1693206

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.6	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: BG039432.D
Acq: 11 Feb 2019 13:37

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tgt Ion:264 Resp: 486466

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.3	18.5	27.7