Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021819\
Data File : BG039544.D
Acq On : 18 Feb 2019 18:06
Operator : JU/SJ
Sample : K1514-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-004-CLEARBROOK-PILE-1

Quant Time: Feb 19 00:44:29 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	52161	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	236693	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	167016	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	416168	20.00	ng		-0.02
76) Chrysene-d12	21.82	240	427165	20.00	ng		-0.02
87) Perylene-d12	25.20	264	408314	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	406102	133.25	ng		0.00
7) Phenol-d6	7.31	99	616909	137.52	ng		0.00
23) Nitrobenzene-d5	9.35	82	355718	93.89	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	249940	138.97	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	854435	73.39	ng		-0.02
79) Terphenyl-d14	20.13	244	1376305	68.20	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	7.31	77	1049	Below Cal		#	4
10) Phenol	7.34	94	18157	3.883	ng		86
19) n-Nitroso-di-n-propylamine	9.34	70	47569	14.940	ng	#	66
26) 2-Nitrophenol	9.75	139	57	4.047	ng	#	31
32) Benzoic acid	10.60	122	64	9.044	ng	#	1
48) 2-Nitroaniline	14.23	65	495	8.433	ng	#	1
50) Dimethylphthalate	14.23	163	64860	4.808	ng		99
51) 2,6-Dinitrotoluene	14.79	165	21557	13.942	ng	#	22
57) 2,4-Dinitrotoluene	14.79	165	21557	13.413	ng	#	17
62) 4-Nitroaniline	15.67	138	56	4.221	ng	#	10
65) 4,6-Dinitro-2-methylphenol	16.28	198	858	4.836	ng	#	8
67) 4-Bromophenyl-phenylether	16.28	248	19447	4.212	ng	#	1

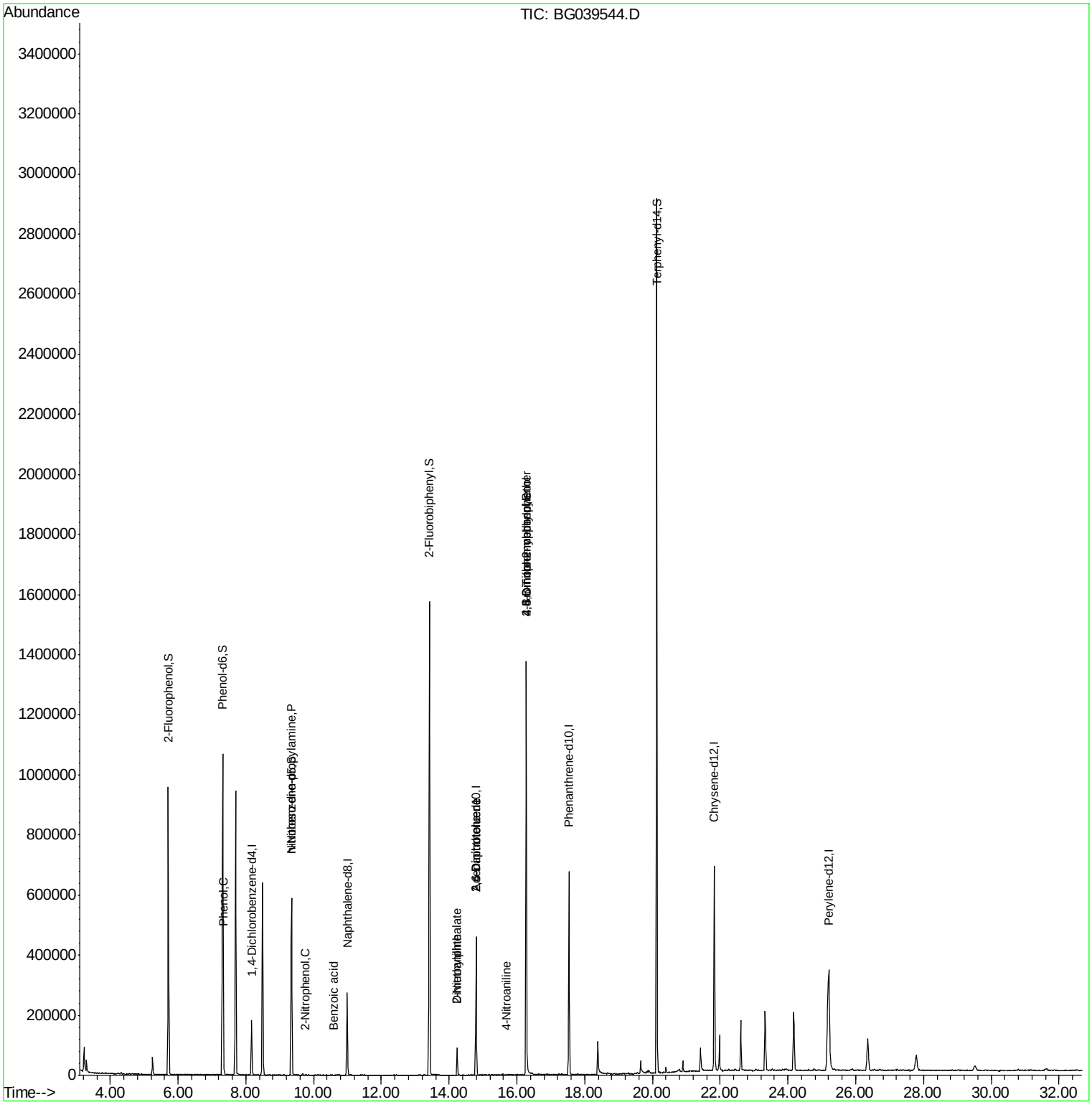
(#) = qualifier out of range (m) = manual integration (+) = signals summed

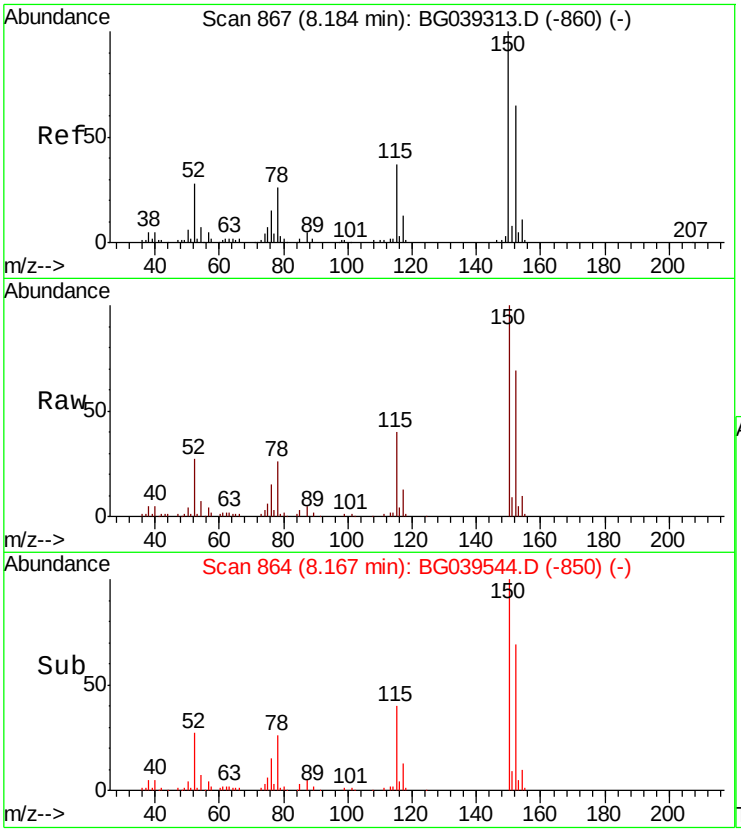
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021819\
Data File : BG039544.D
Acq On : 18 Feb 2019 18:06
Operator : JU/SJ
Sample : K1514-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Quant Time: Feb 19 00:44:29 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



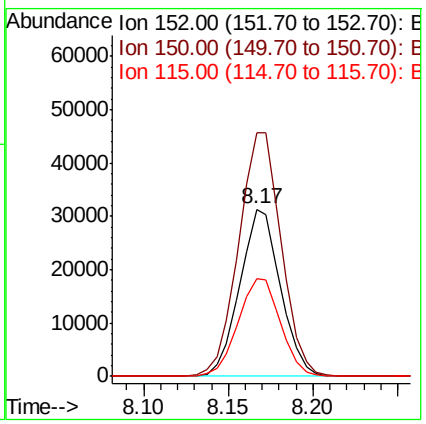


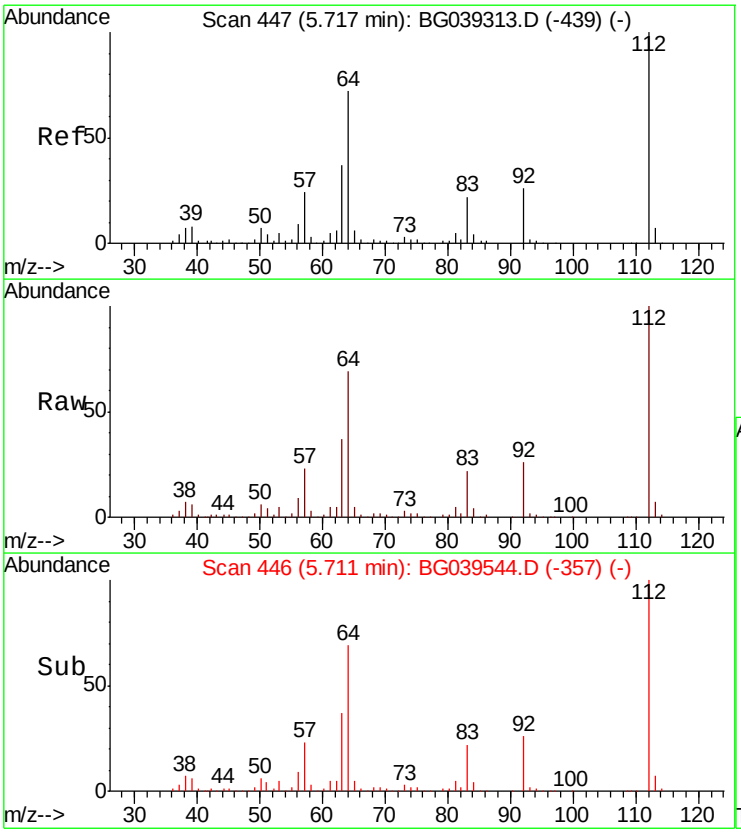
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tgt Ion:152 Resp: 52161

Ion	Ratio	Lower	Upper
152	100		
150	145.4	123.7	185.5
115	58.2	45.9	68.9

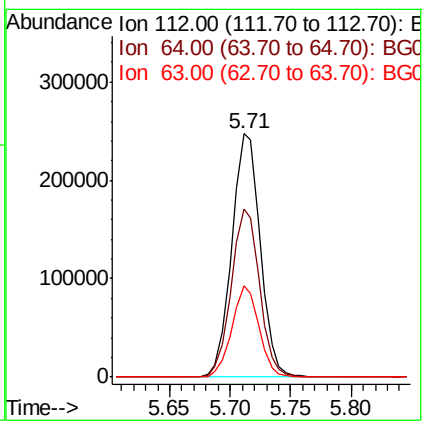


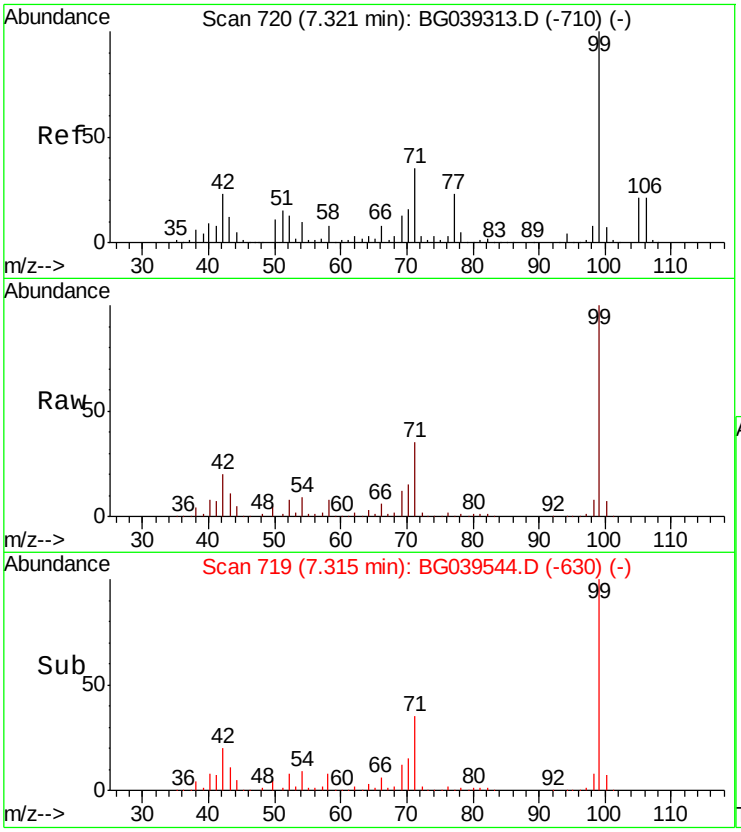


#5
2-Fluorophenol
Concen: 133.250 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion:112 Resp: 406102

Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.8	86.8
63	37.4	29.8	44.6



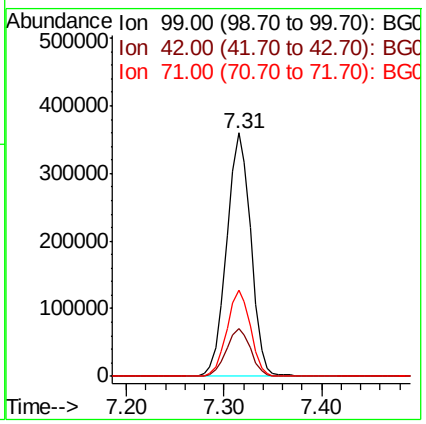


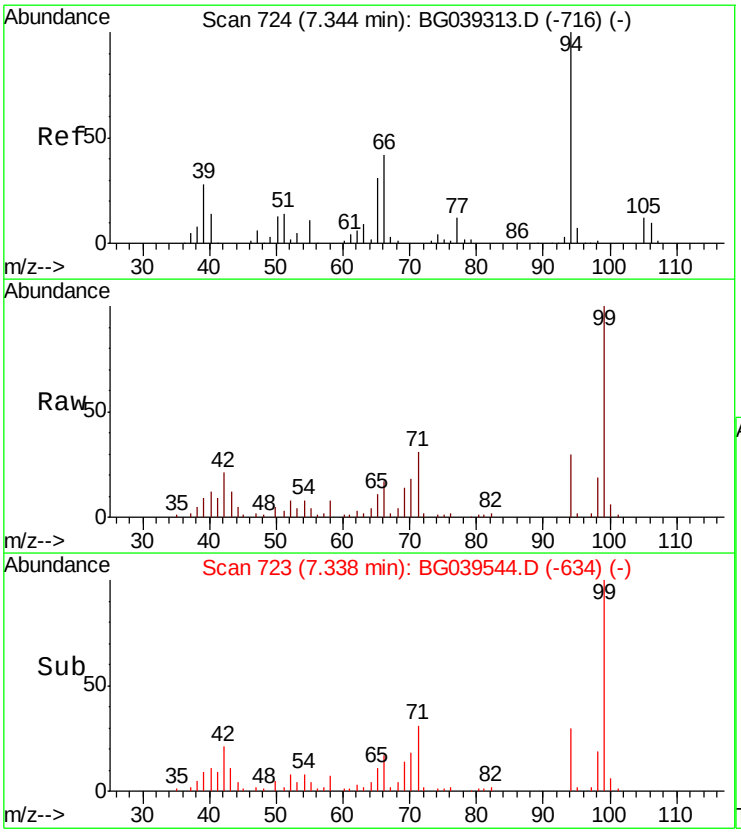
#7
Phenol-d6
Concen: 137.516 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tgt Ion: 99 Resp: 616909

Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.2	27.2
71	35.5	28.0	42.0

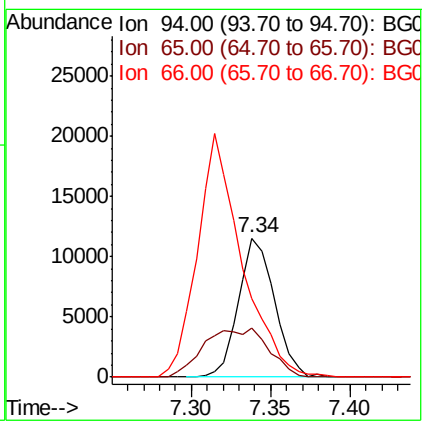


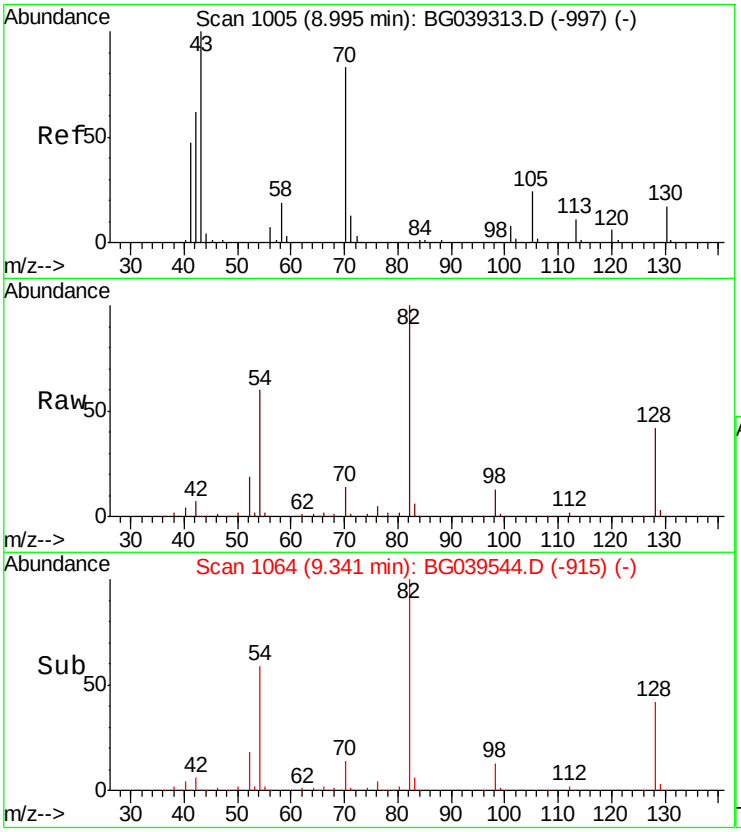


#10
Phenol
Concen: 3.883 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion: 94 Resp: 18157

Ion	Ratio	Lower	Upper
94	100		
65	35.4	11.7	51.7
66	56.6	23.7	63.7



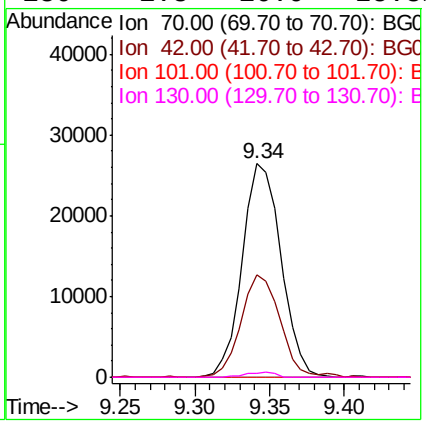


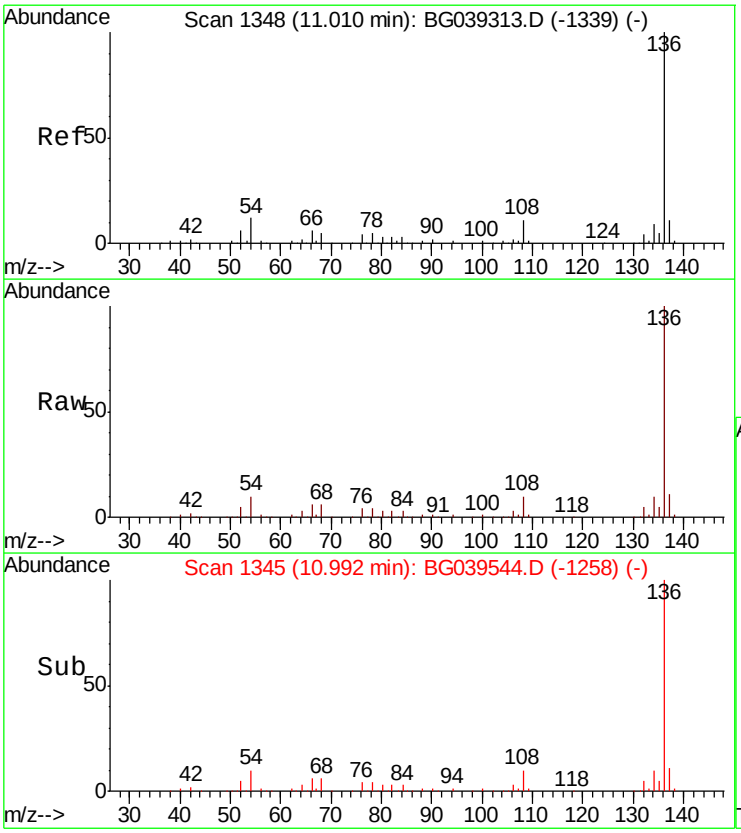
#19
n-Nitroso-di-n-propylamine
Concen: 14.940 ng
RT: 9.34 min Scan# 1064
Delta R.T. 0.35 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tgt Ion: 70 Resp: 47569

Ion	Ratio	Lower	Upper
70	100		
42	47.8	60.4	90.6#
101	0.0	7.5	11.3#
130	1.8	16.9	25.3#

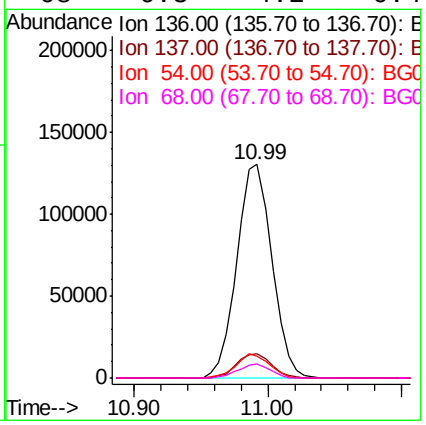


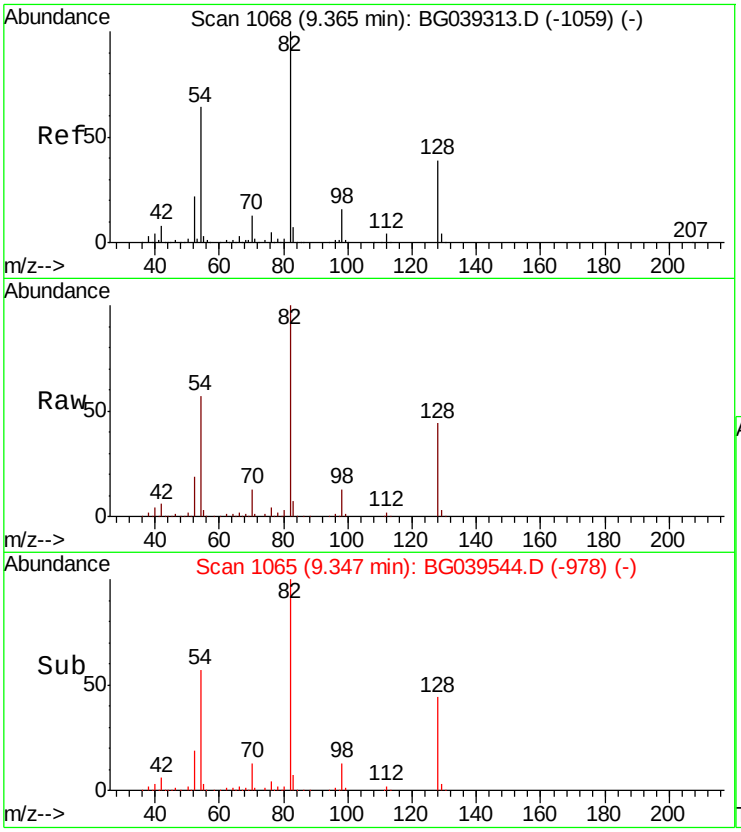


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion:136 Resp: 236693

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.0	9.4	14.2
68	6.3	4.2	6.4



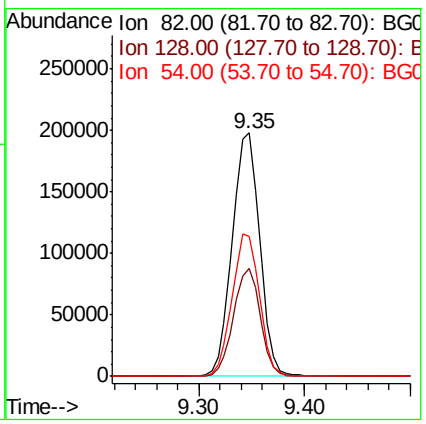


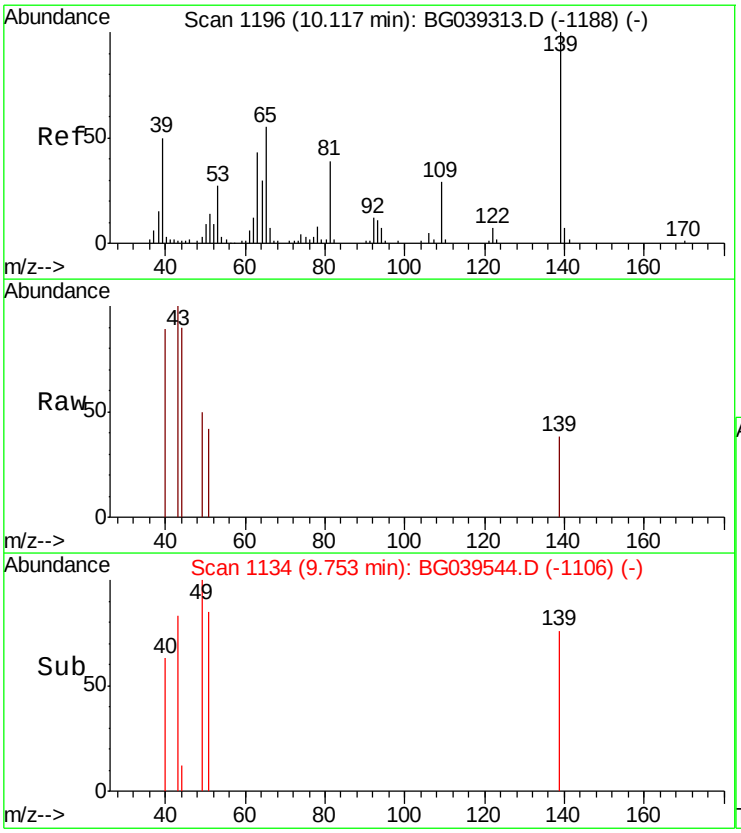
#23
Nitrobenzene-d5
Concen: 93.886 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tgt Ion: 82 Resp: 355718

Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.3	46.9
54	57.4	50.9	76.3

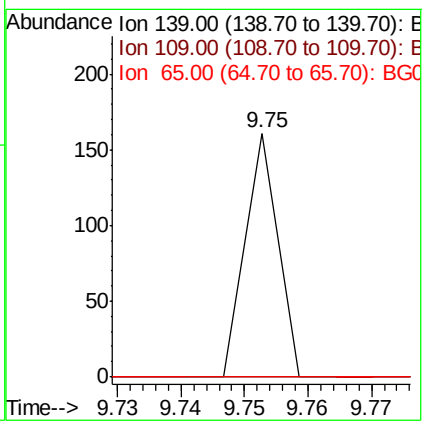


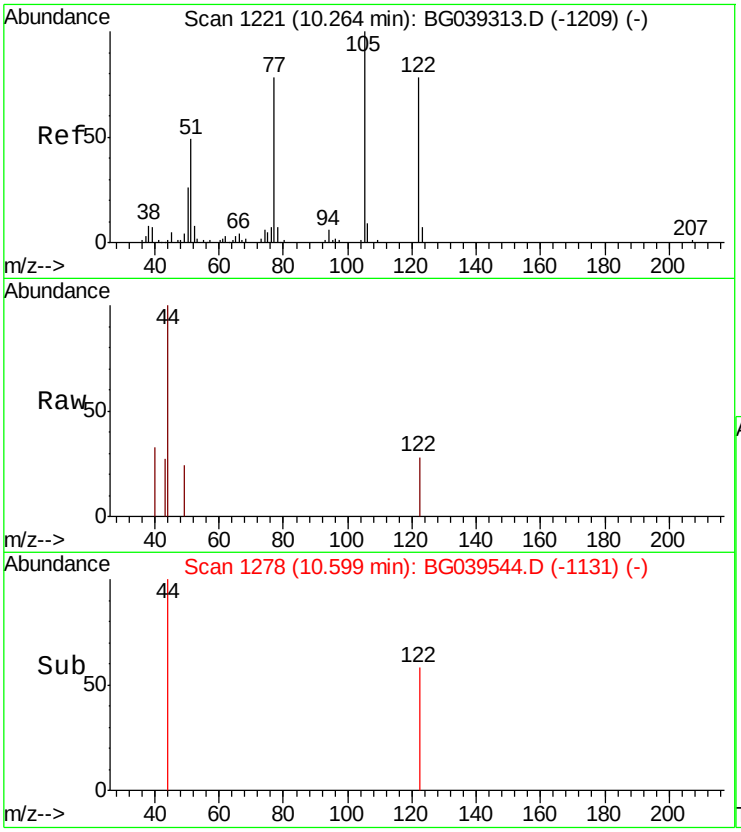


#26
2-Nitrophenol
Concen: 4.047 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.36 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion:139 Resp: 57

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



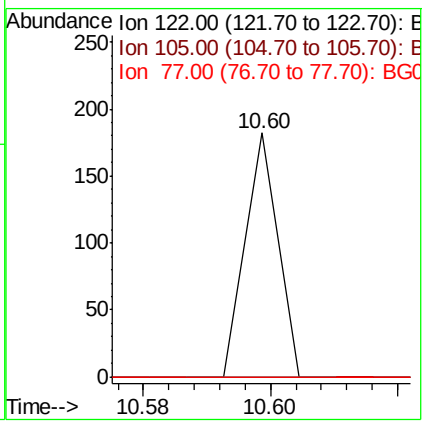


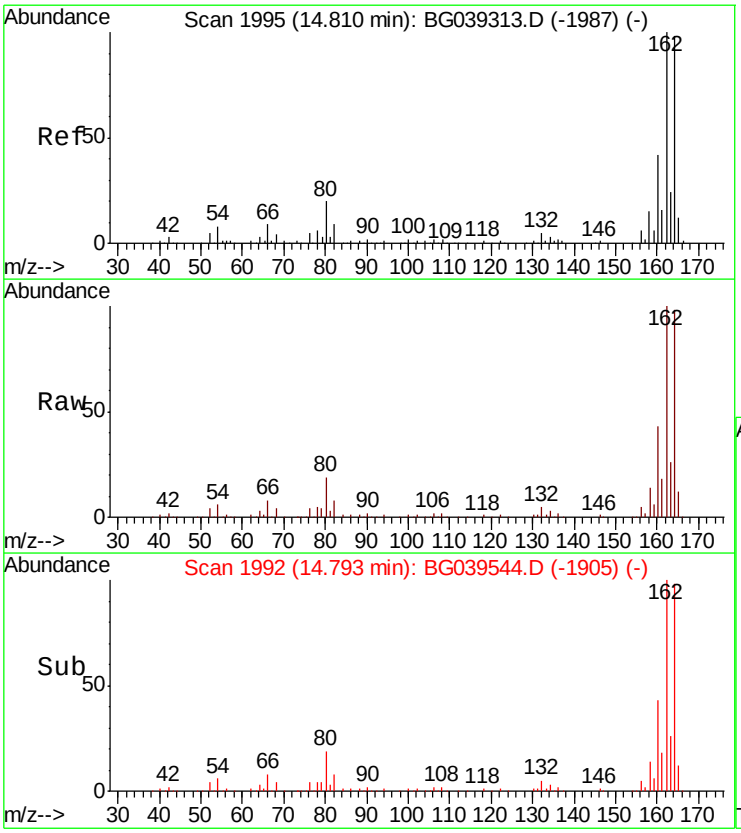
#32
Benzoic acid
Concen: 9.044 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.34 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tgt Ion:122 Resp: 64

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

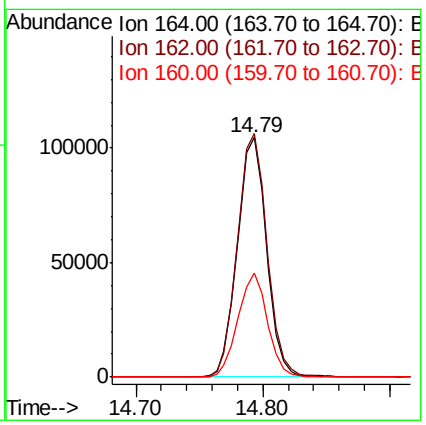


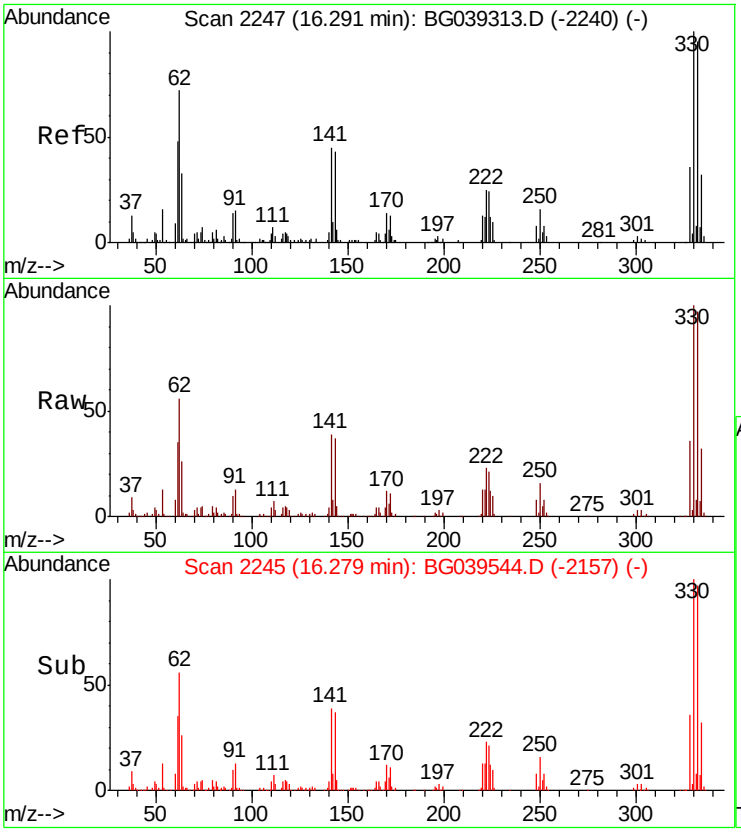


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion:164 Resp: 167016

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	43.6	34.2	51.2



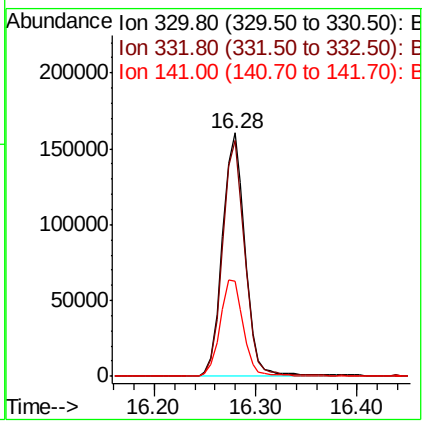


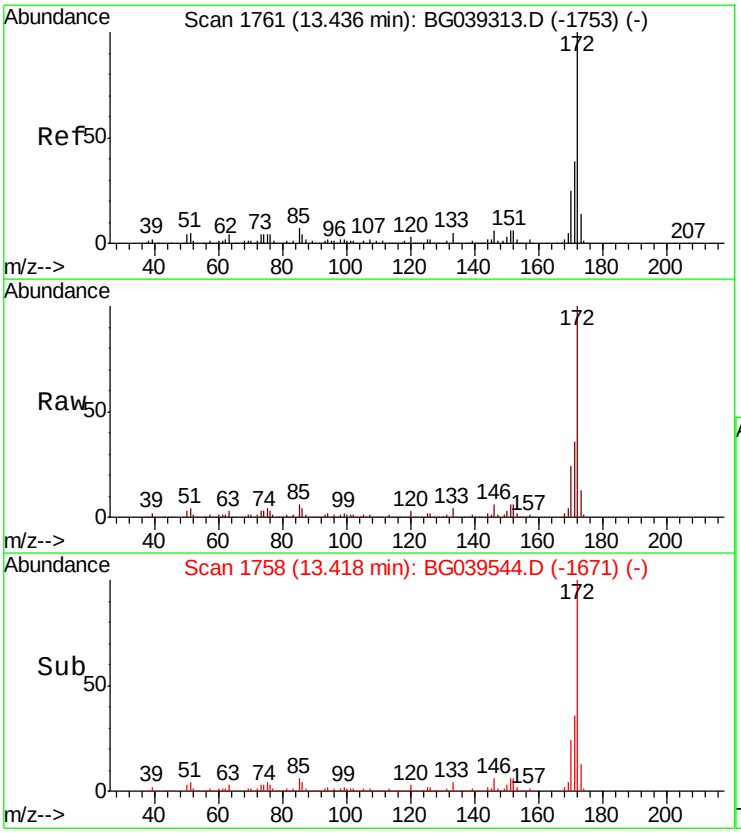
#42
2,4,6-Tribromophenol
Concen: 138.973 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tgt Ion:330 Resp: 249940

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.7	113.5
141	40.2	35.6	53.4

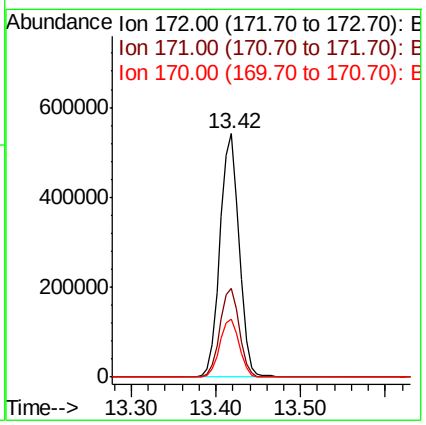


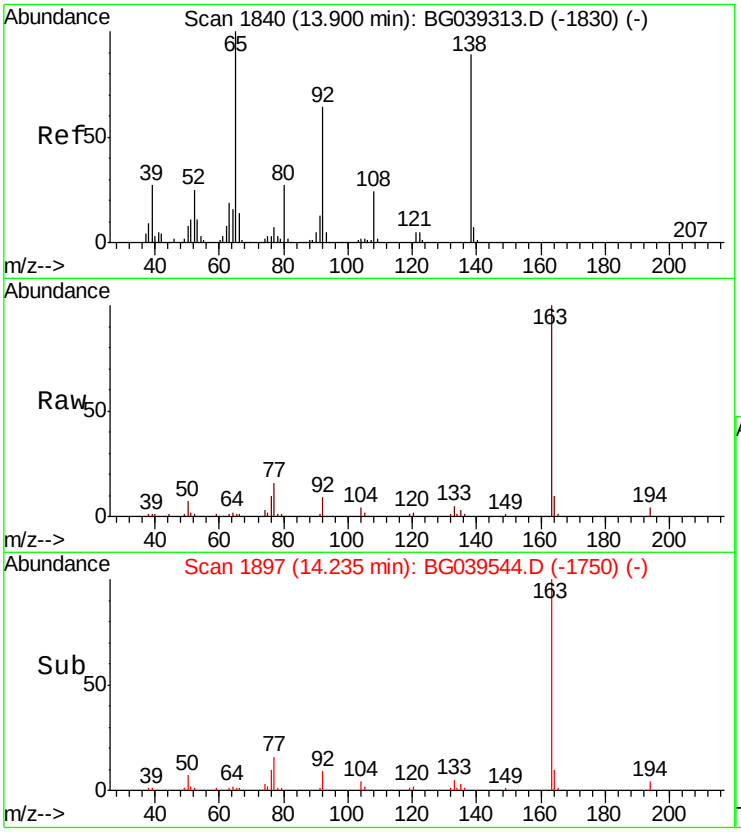


#45
2-Fluorobiphenyl
Concen: 73.390 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion:172 Resp: 854435

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.8	46.2
170	24.1	20.2	30.4



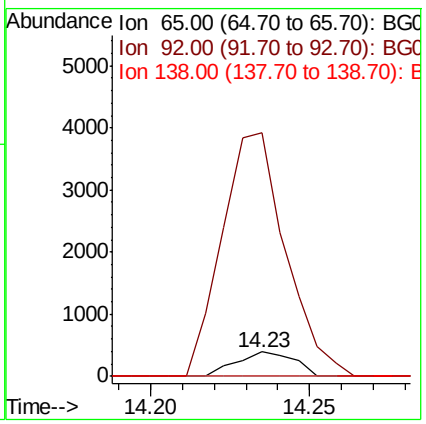


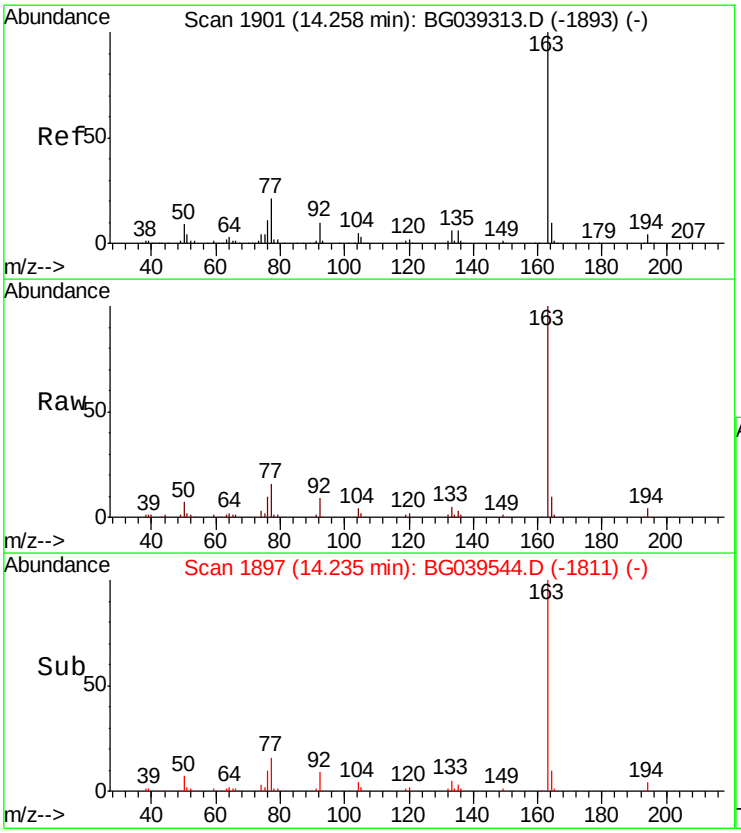
#48
2-Nitroaniline
Concen: 8.433 ng
RT: 14.23 min Scan# 1897
Delta R.T. 0.34 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tgt Ion: 65 Resp: 495

Ion	Ratio	Lower	Upper
65	100		
92	1002.8	51.4	77.2#
138	0.0	71.4	107.2#

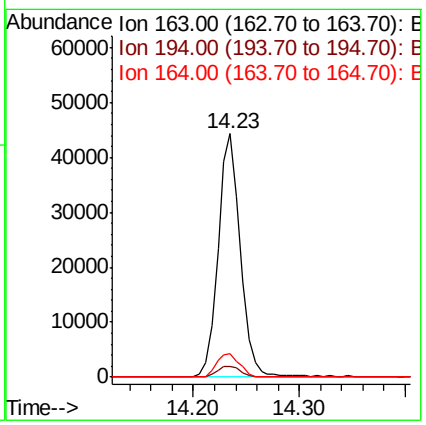


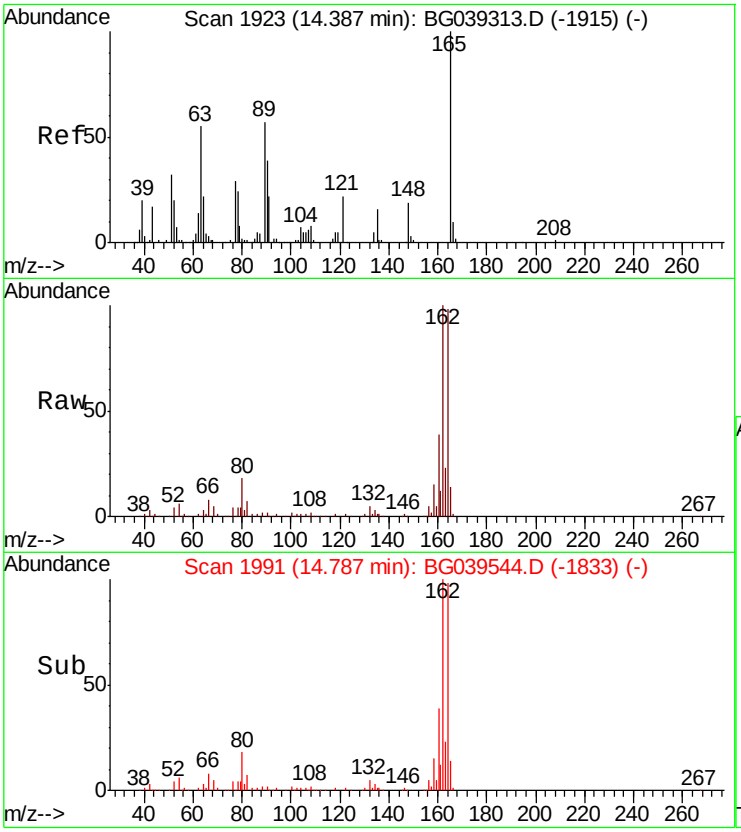


#50
Dimethylphthalate
Concen: 4.808 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.02 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion:163 Resp: 64860

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	9.9	8.4	12.6



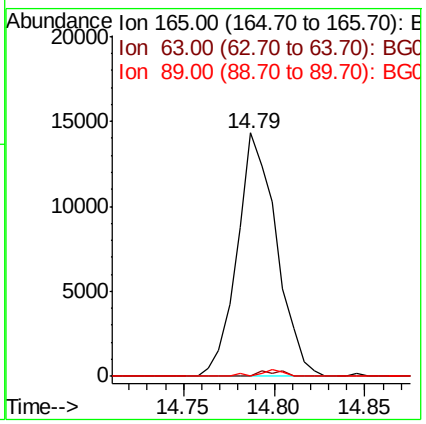


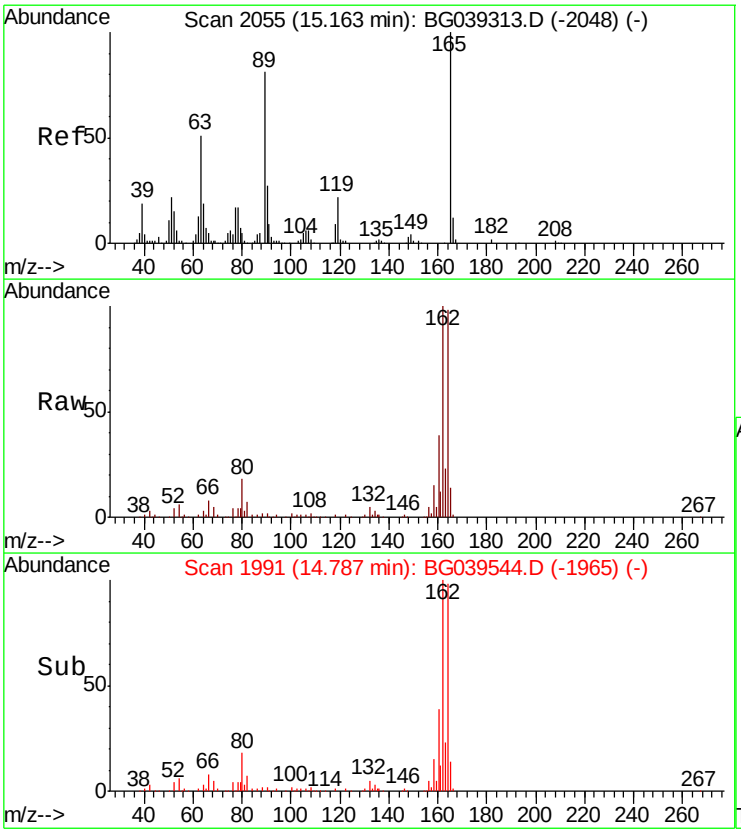
#51
2,6-Dinitrotoluene
Concen: 13.942 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.40 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tgt Ion:165 Resp: 21557

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

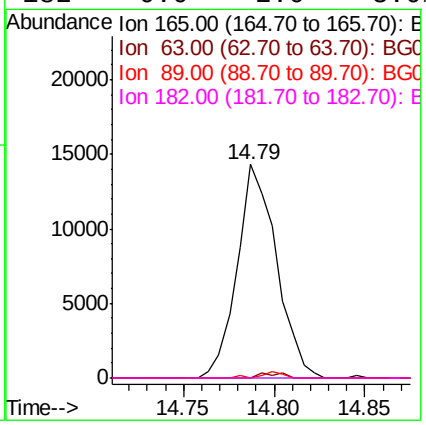


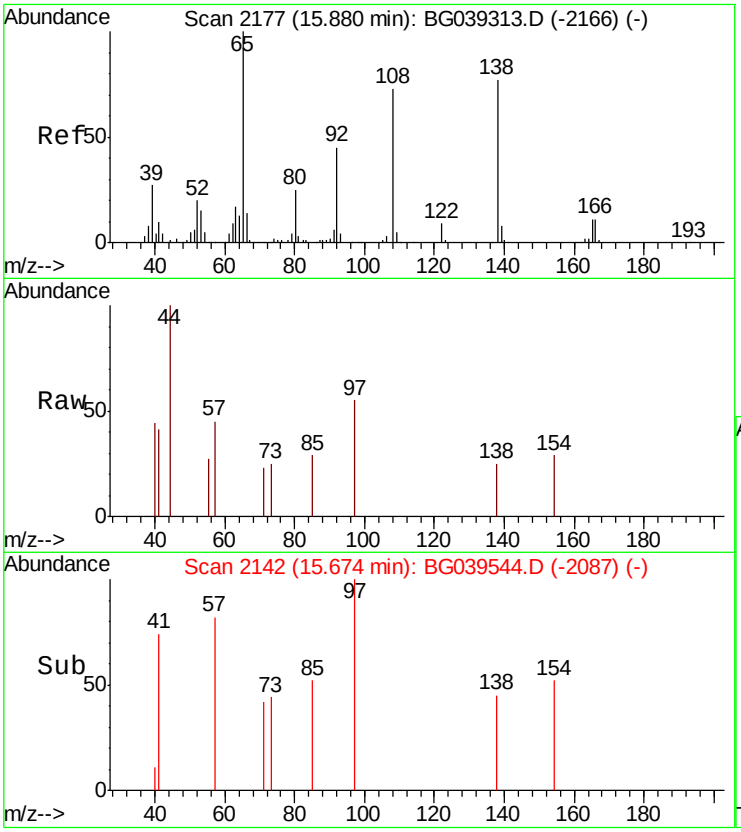


#57
2,4-Dinitrotoluene
Concen: 13.413 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.37 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion:165 Resp: 21557

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



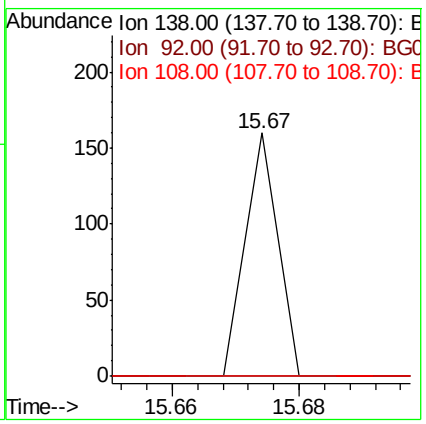


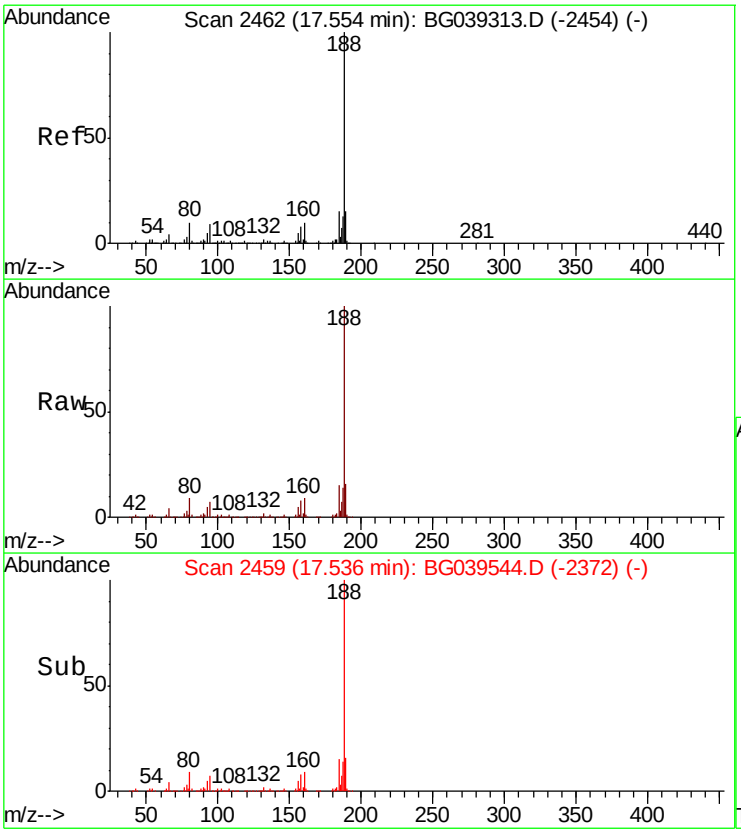
#62
4-Nitroaniline
Concen: 4.221 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.20 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tgt Ion:138 Resp: 56

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

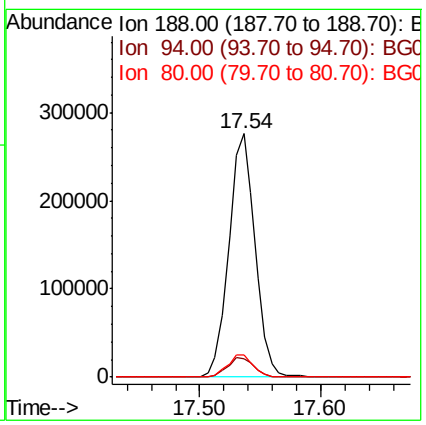


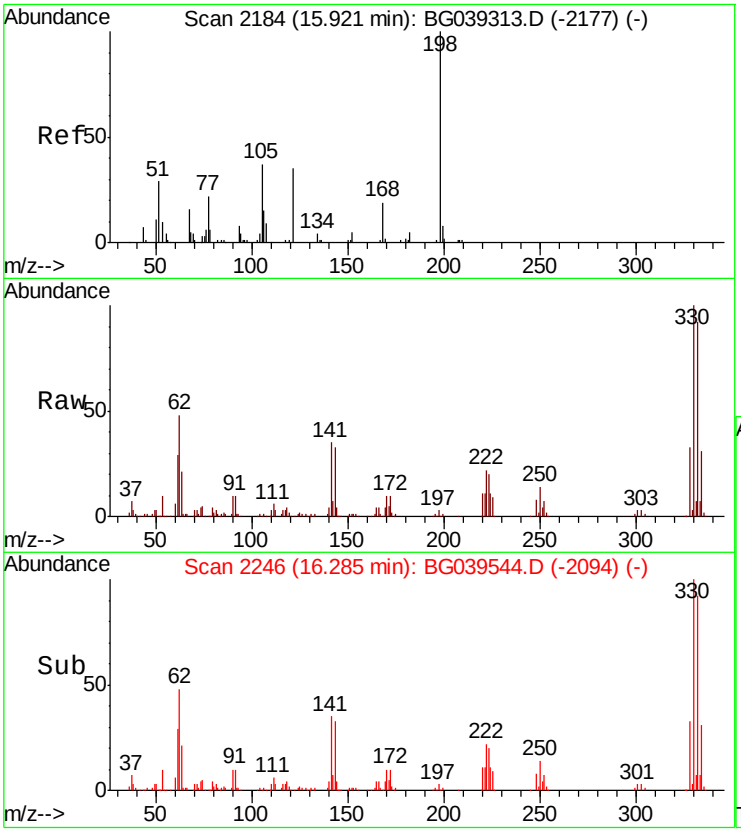


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion:188 Resp: 416168

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	9.0	8.1	12.1



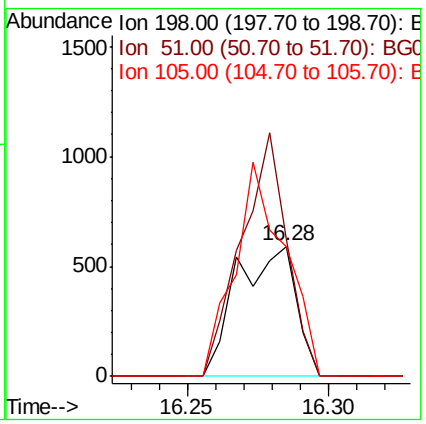


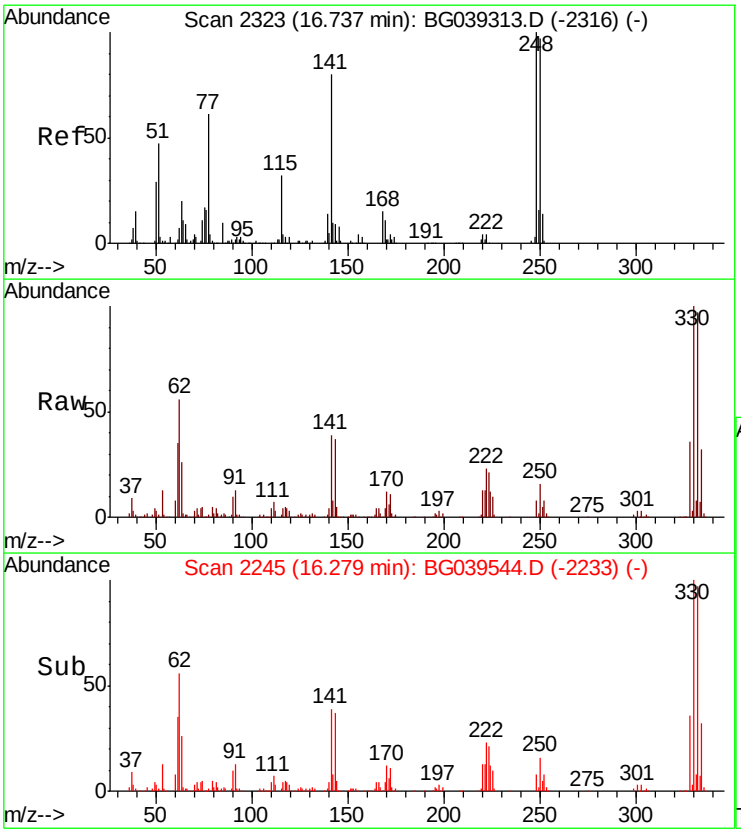
#65
4,6-Dinitro-2-methylphenol
Concen: 4.836 ng
RT: 16.28 min Scan# 2246
Delta R.T. 0.36 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tgt Ion:198 Resp: 858

Ion	Ratio	Lower	Upper
198	100		
51	105.9	27.4	67.4#
105	100.0	19.7	59.7#

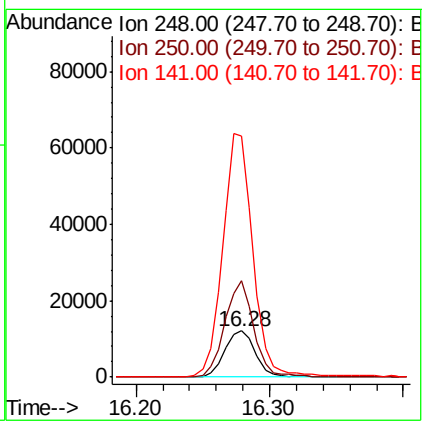


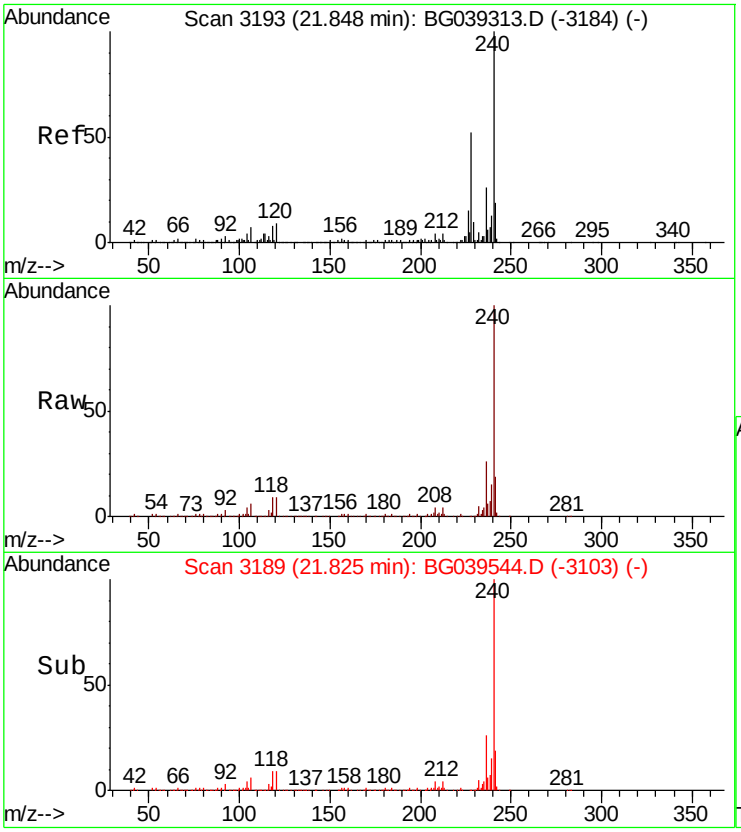


#67
4-Bromophenyl-phenylether
Concen: 4.212 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion:248 Resp: 19447

Ion	Ratio	Lower	Upper
248	100		
250	209.3	77.6	116.4#
141	519.3	63.9	95.9#



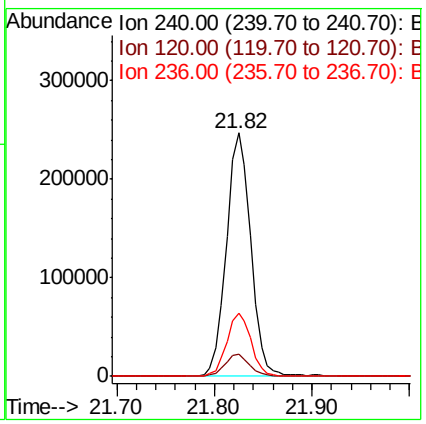


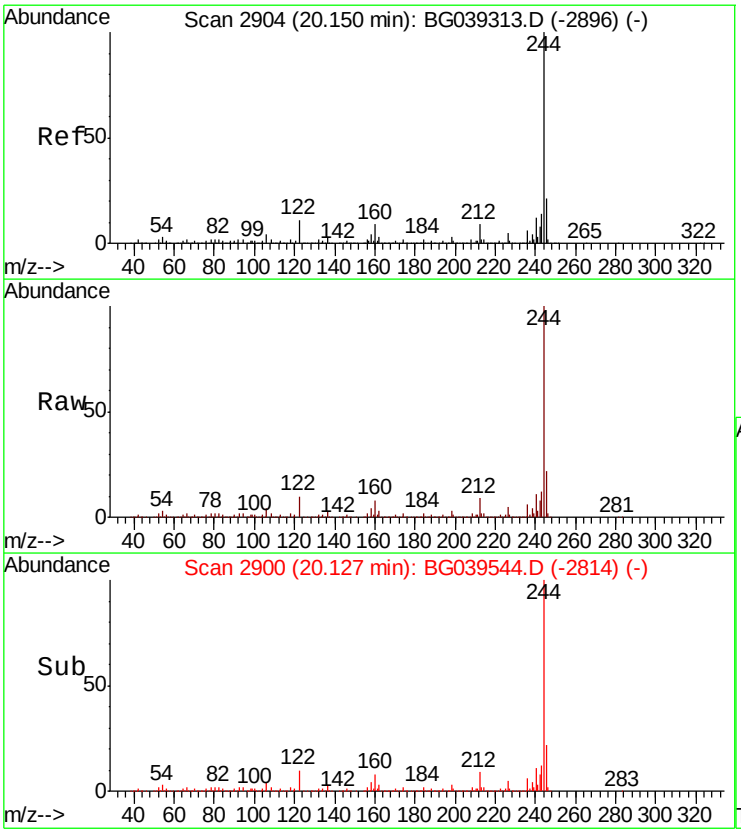
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.02 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tgt Ion:240 Resp: 427165

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.0	10.6
236	25.9	21.0	31.4

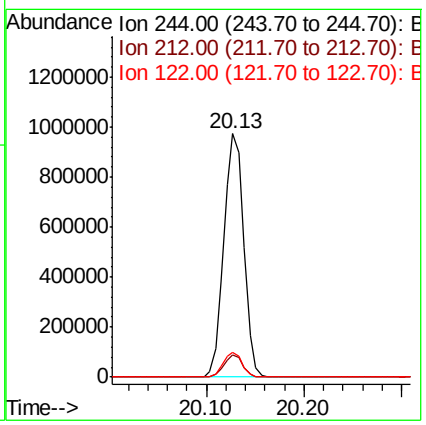


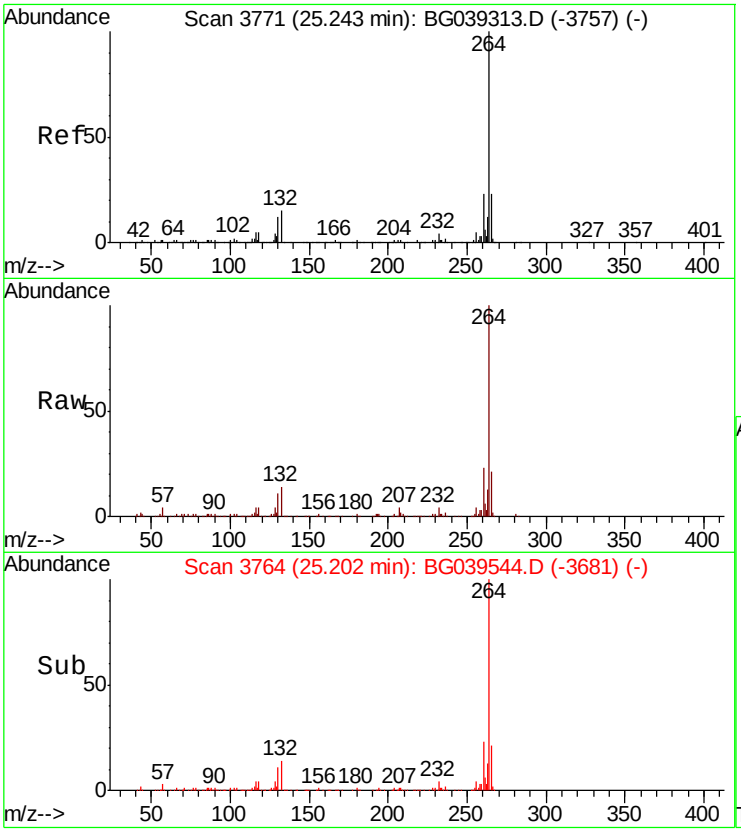


#79
Terphenyl-d14
Concen: 68.199 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.02 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Tgt Ion:244 Resp: 1376305

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.4	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039544.D
Acq: 18 Feb 2019 18:06

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Tgt Ion:264 Resp: 408314

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.5	18.5	27.7