Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
Data File : BG039952.D
Acq On : 15 Mar 2019 22:08
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1(12-13)

Quant Time: Mar 16 04:10:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	1325	20.00	ng		-0.02
21) Naphthalene-d8	0.00	136	0	0.00	ng		-10.99
39) Acenaphthene-d10	0.00	164	0	0.00	ng		-14.79
64) Phenanthrene-d10	17.52	188	56	20.00	ng		-0.02
76) Chrysene-d12	0.00	240	0	0.00	ng		-21.83
87) Perylene-d12	25.18	264	55	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	201981	2600.61	ng		-0.02
7) Phenol-d6	7.29	99	295440	2551.17	ng		-0.02
23) Nitrobenzene-d5	9.32	82	178177	0.00	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	110717	0.00	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	332473	0.00	ng		-0.02
79) Terphenyl-d14	20.11	244	475679	0.00	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	7.29	77	753	10.080	ng	#	4
10) Phenol	7.32	94	15418	122.897	ng		98
11) bis(2-Chloroethyl)ether	7.68	93	235	2.403	ng	#	1
15) Benzyl Alcohol	8.47	79	2706	29.457	ng	#	50
19) n-Nitroso-di-n-propylamine	9.32	70	23259	279.039	ng	#	68
20) 3+4-Methylphenols	8.91	107	971	8.737	ng	#	69
65) 4,6-Dinitro-2-methylphenol	16.25	198	333	1005.709	ng	#	1
66) n-Nitrosodiphenylamine	16.25	169	4779	2947.793	ng	#	48
67) 4-Bromophenyl-phenylether	16.25	248	8422	13435.883	ng	#	1
69) Atrazine	16.94	200	55	86.200	ng	#	35
71) Phenanthrene	17.56	178	272	88.182	ng	#	32
72) Anthracene	17.56	178	272	90.490	ng	#	32
74) Di-n-butylphthalate	18.45	149	340	106.640	ng	#	77
75) Fluoranthene	19.22	202	53	14.539	ng		63
88) Benzo(b)fluoranthene	24.60	252	72	21.953	ng	#	60
89) Benzo(k)fluoranthene	24.60	252	72	23.584	ng	#	59
90) Benzo(a)pyrene	24.60	252	72	23.757	ng	#	59

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
Data File : BG039952.D
Acq On : 15 Mar 2019 22:08
Operator : JU/SJ
Sample : K1901-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Quant Time: Mar 16 04:10:38 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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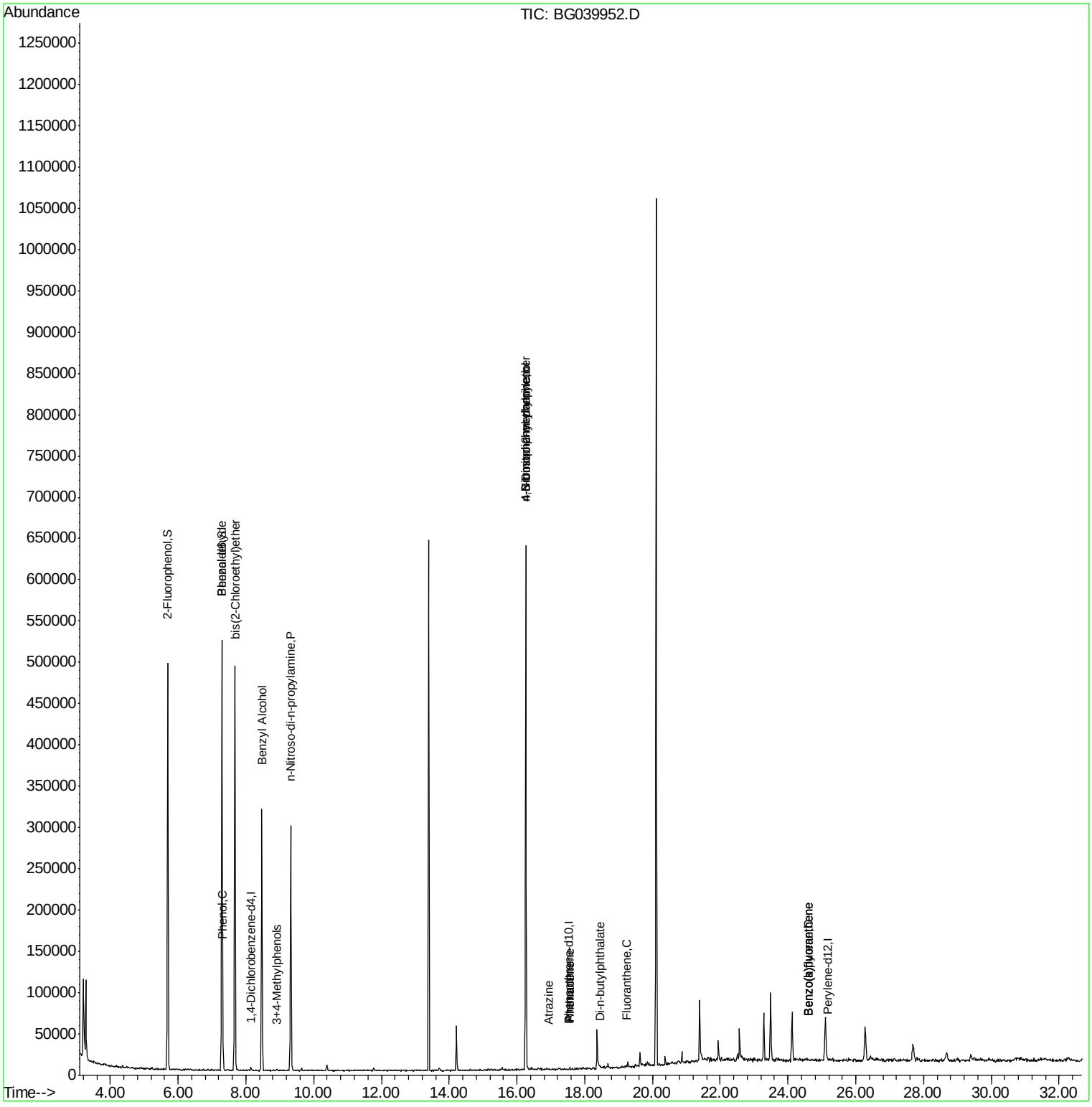
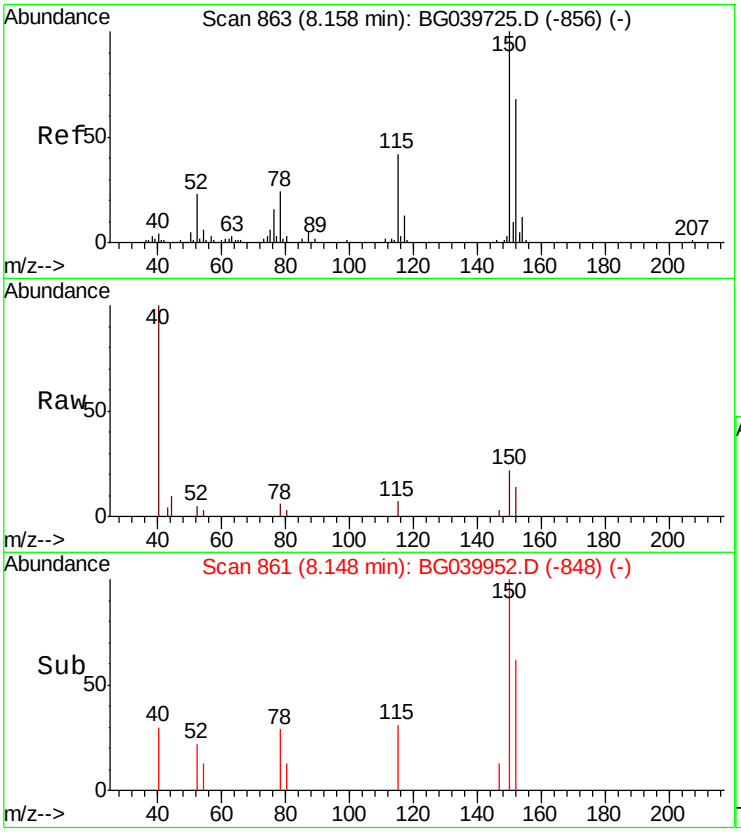


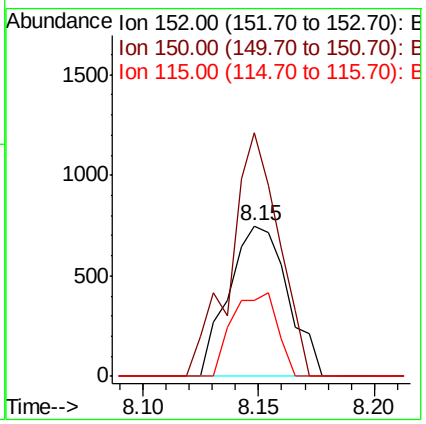


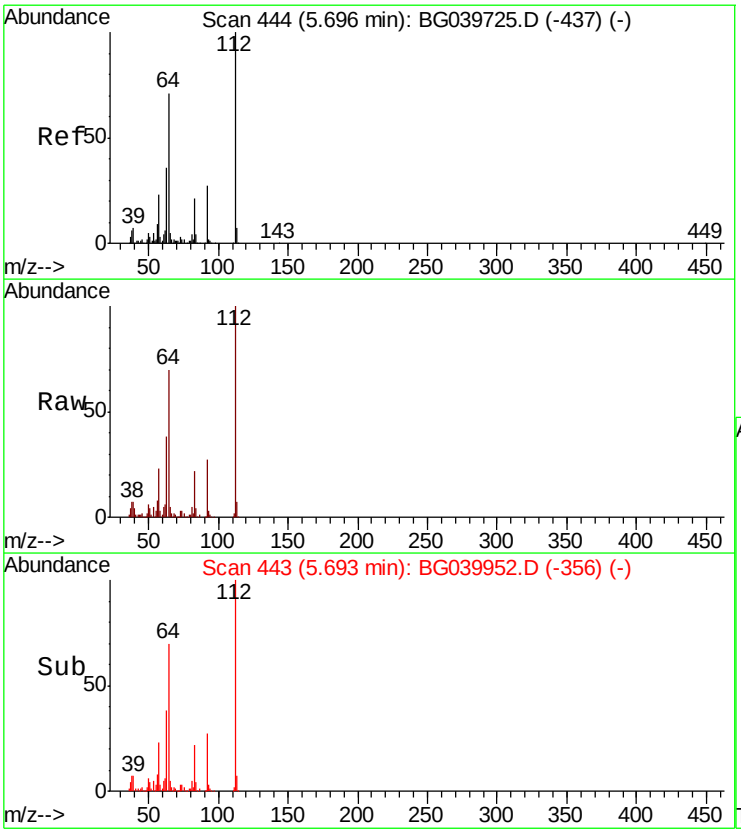
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion:152 Resp: 1325

Ion	Ratio	Lower	Upper
152	100		
150	162.1	123.7	185.5
115	50.7	45.9	68.9

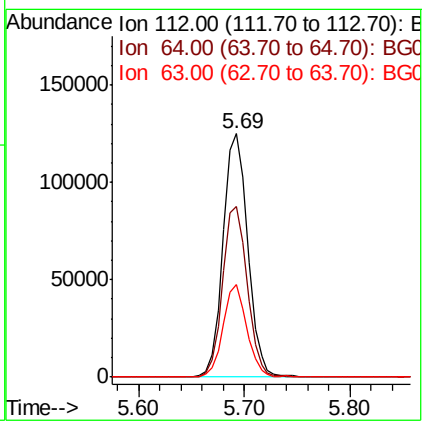


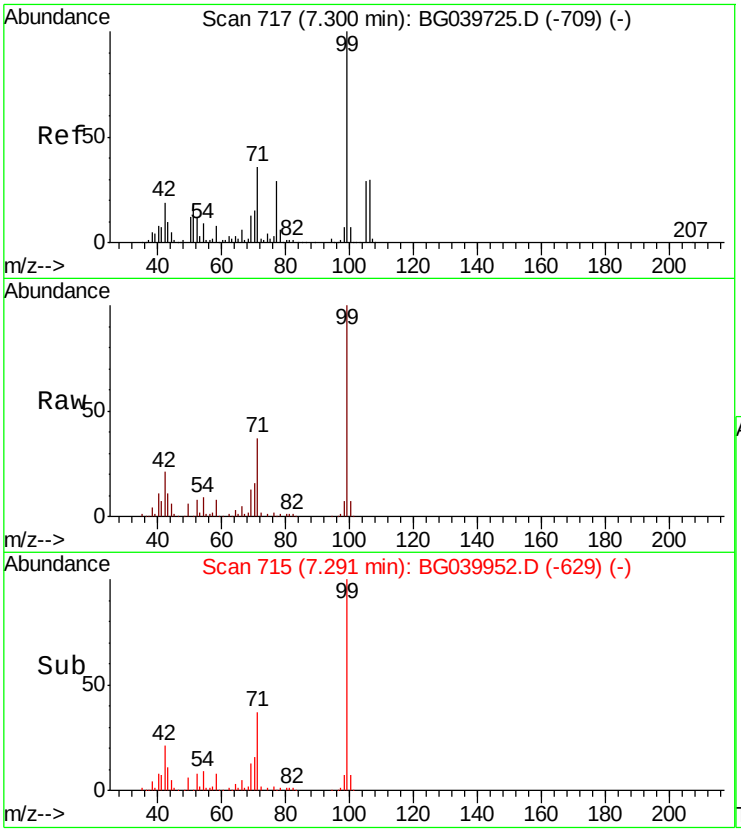


#5
2-Fluorophenol
Concen: 2600.614 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion:112 Resp: 201981

Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.8	86.8
63	37.8	29.8	44.6



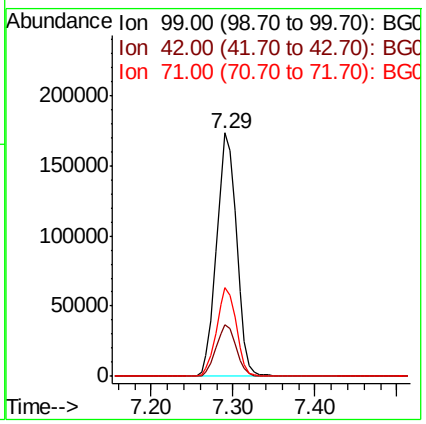


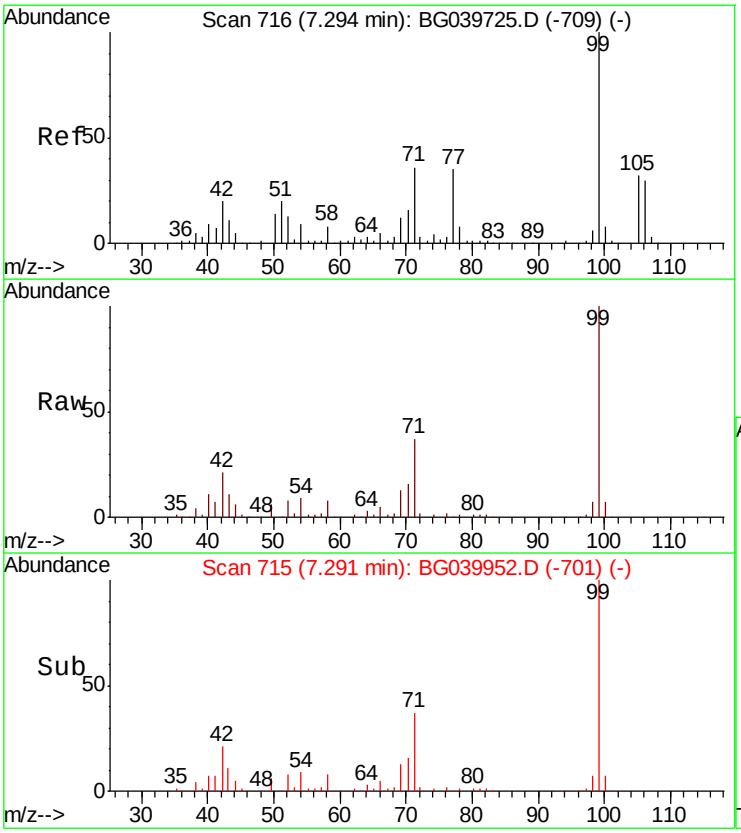
#7
Phenol-d6
Concen: 2551.175 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion: 99 Resp: 295440

Ion	Ratio	Lower	Upper
99	100		
42	21.2	18.2	27.2
71	36.5	28.0	42.0

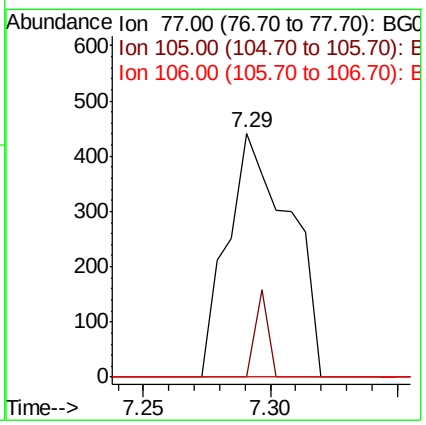


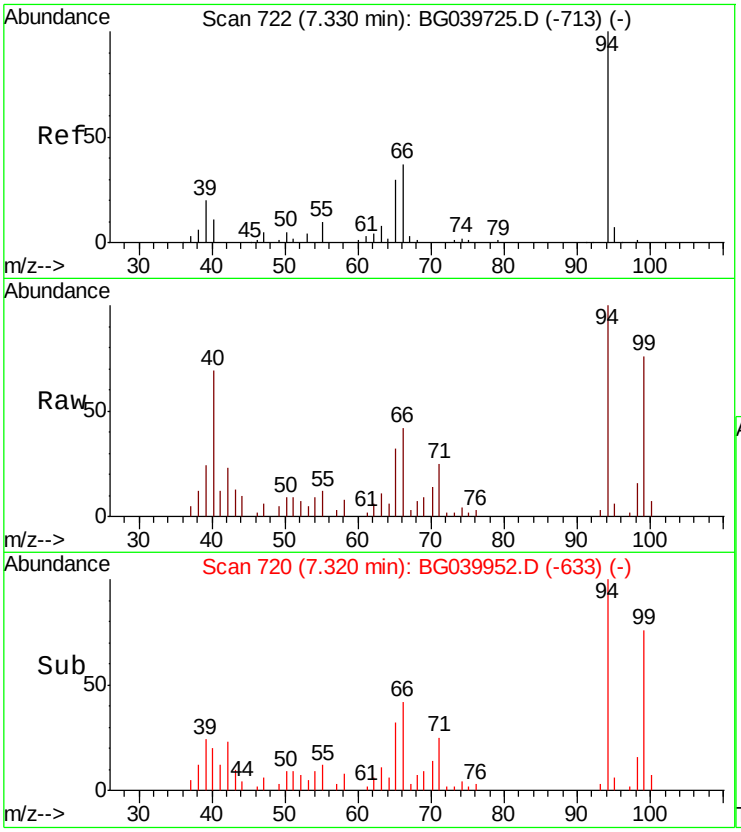


#9
Benzaldehyde
Concen: 10.080 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion: 77 Resp: 753

Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.5	114.5#
106	0.0	68.0	108.0#



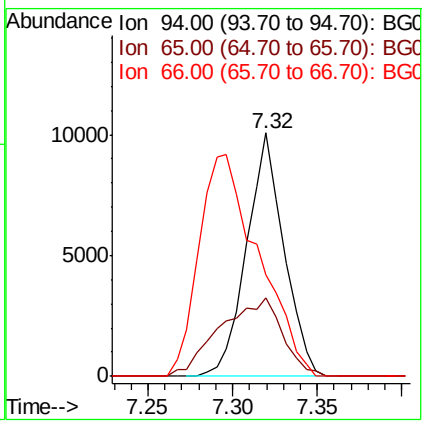


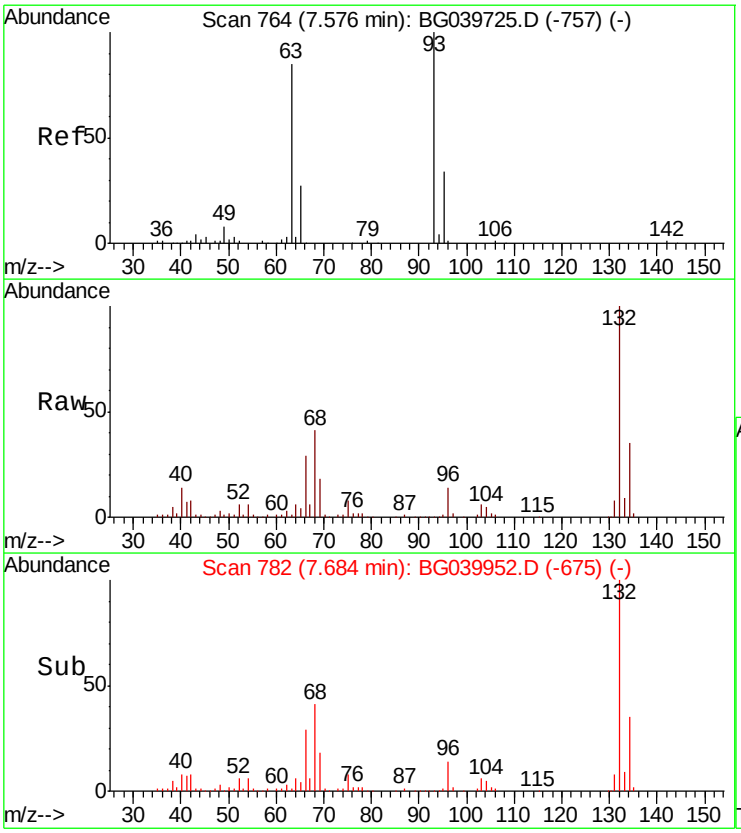
#10
Phenol
Concen: 122.897 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion: 94 Resp: 15418

Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.7	51.7
66	41.9	23.7	63.7

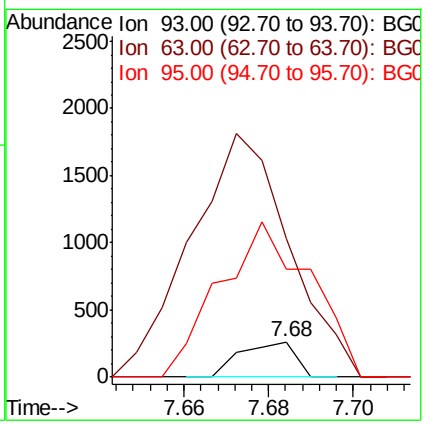


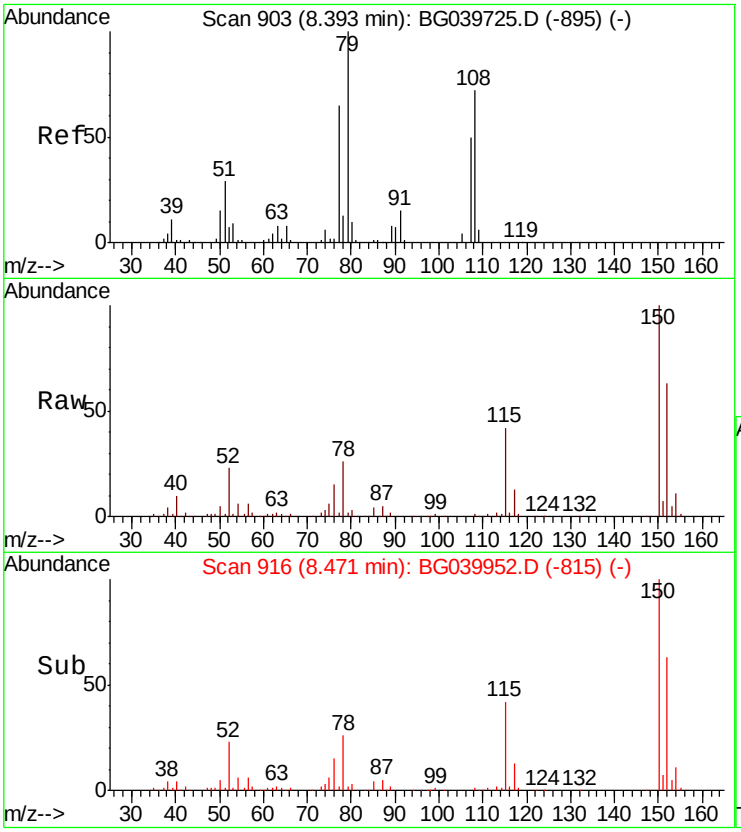


#11
bis(2-Chloroethyl)ether
Concen: 2.403 ng
RT: 7.68 min Scan# 782
Delta R.T. 0.10 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion: 93 Resp: 235

Ion	Ratio	Lower	Upper
93	100		
63	393.1	69.5	109.5#
95	306.5	12.7	52.7#



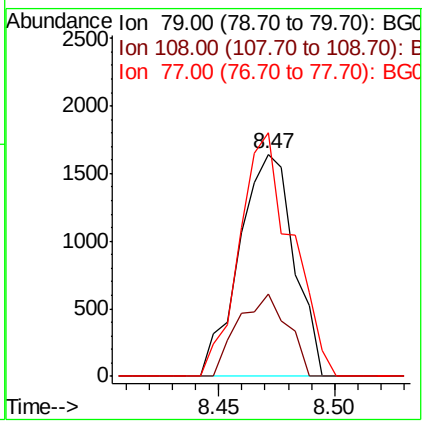


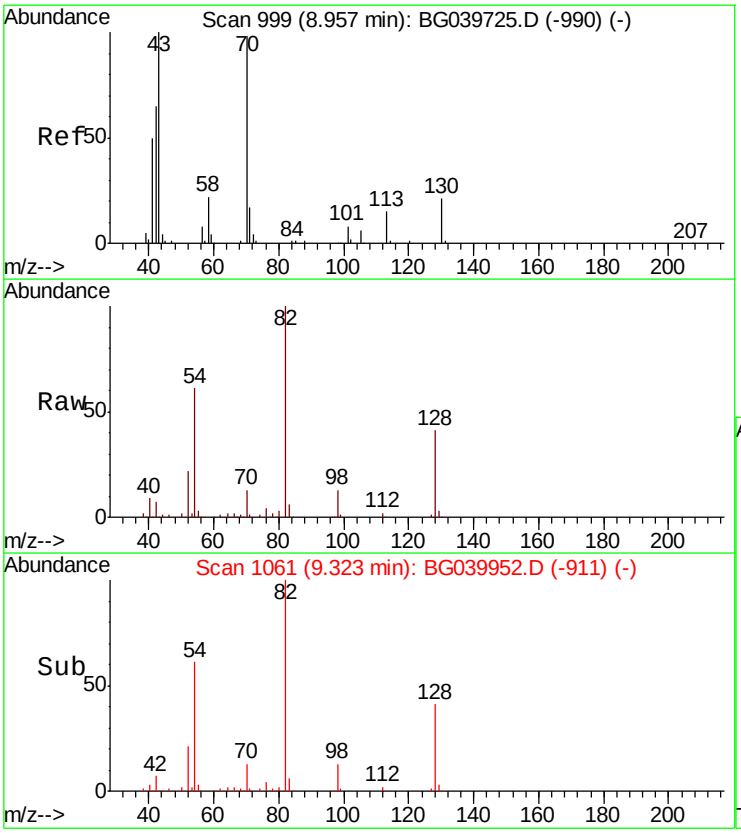
#15
Benzyl Alcohol
Concen: 29.457 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.07 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion: 79 Resp: 2706

Ion	Ratio	Lower	Upper
79	100		
108	37.3	57.8	86.6#
77	109.8	51.1	76.7#

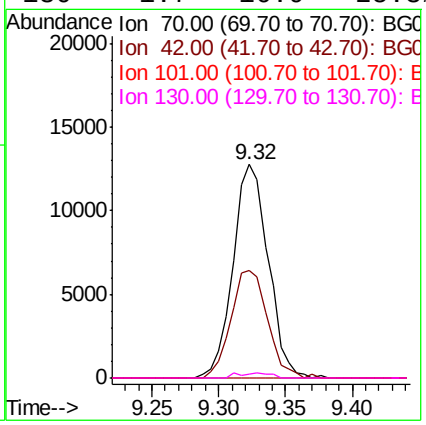


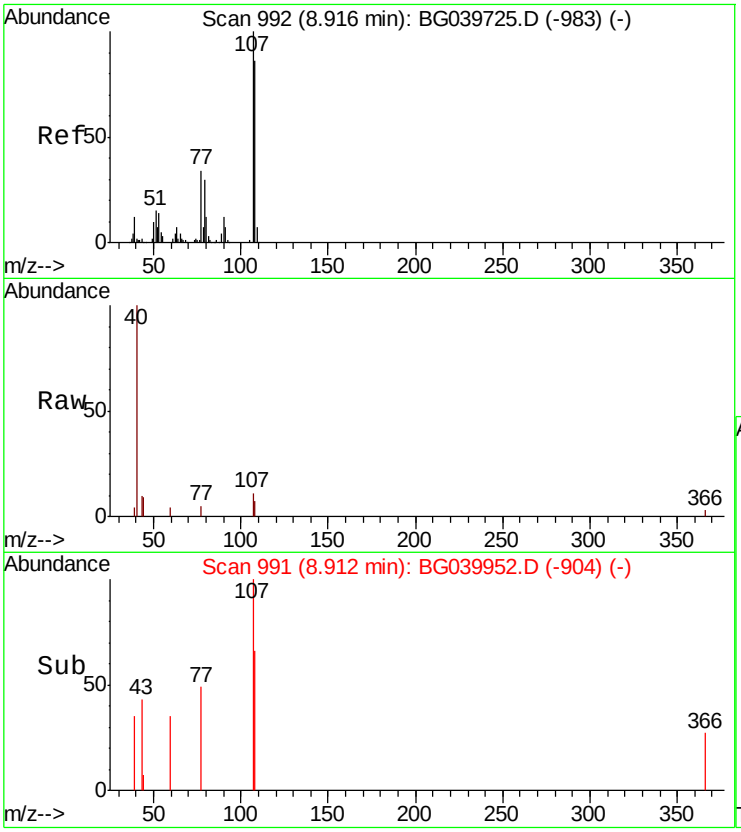


#19
n-Nitroso-di-n-propylamine
Concen: 279.039 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion: 70 Resp: 23259

Ion	Ratio	Lower	Upper
70	100		
42	50.3	60.4	90.6#
101	0.0	7.5	11.3#
130	1.7	16.9	25.3#



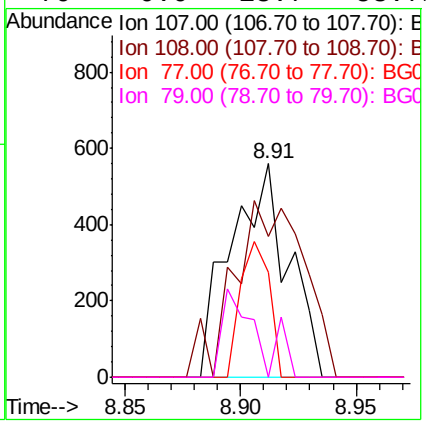


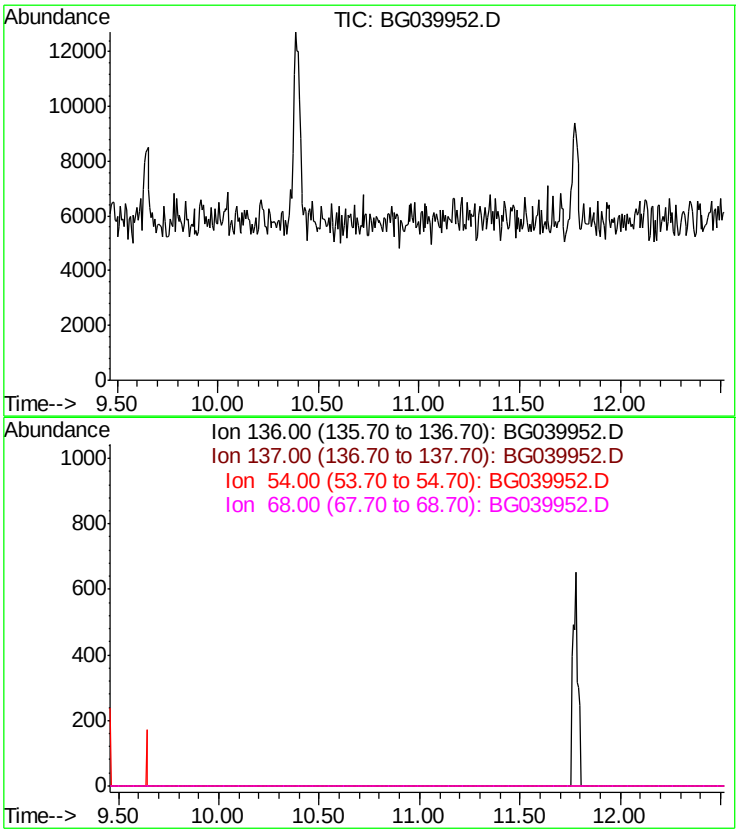
#20
3+4-Methylphenols
Concen: 8.737 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion:107 Resp: 971

Ion	Ratio	Lower	Upper
107	100		
108	66.1	67.9	107.9#
77	48.9	15.4	55.4
79	0.0	13.7	53.7#



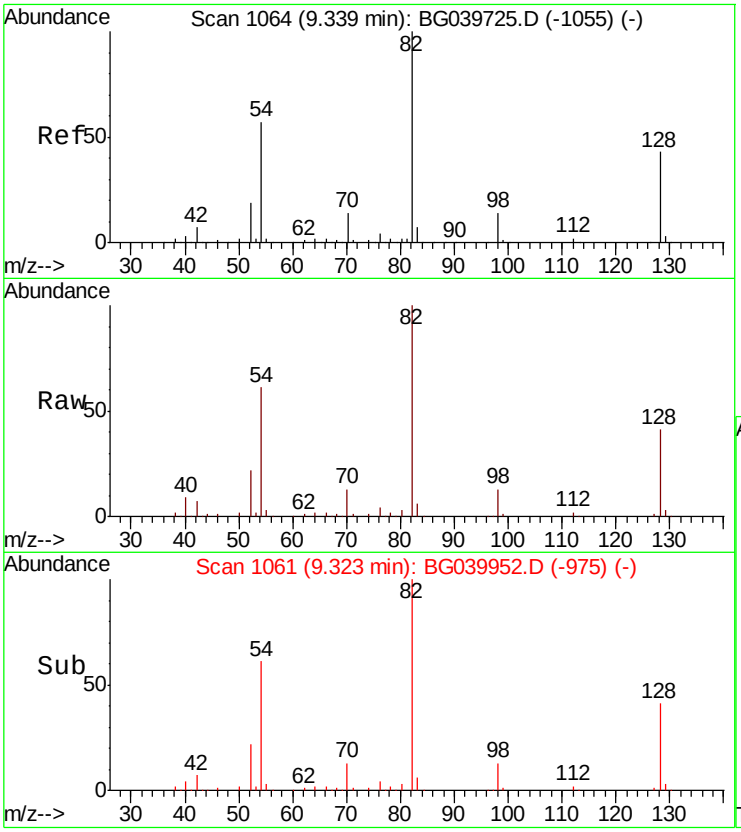


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.99 min

Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.4
54	11.8
68	5.3

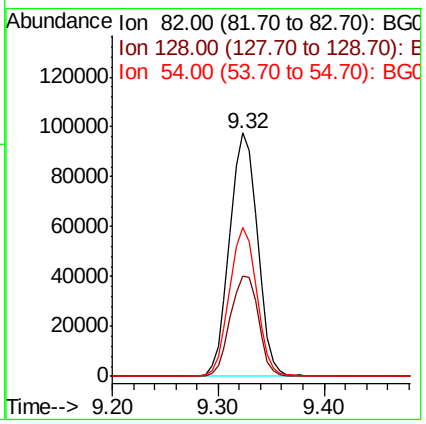


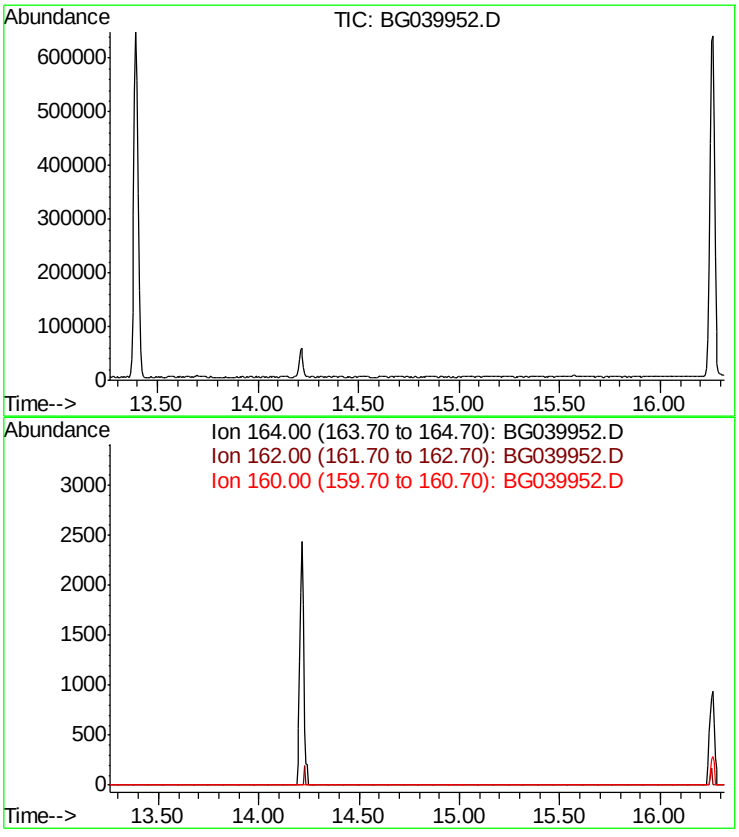
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion: 82 Resp: 178177

Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.3	46.9
54	61.3	50.9	76.3



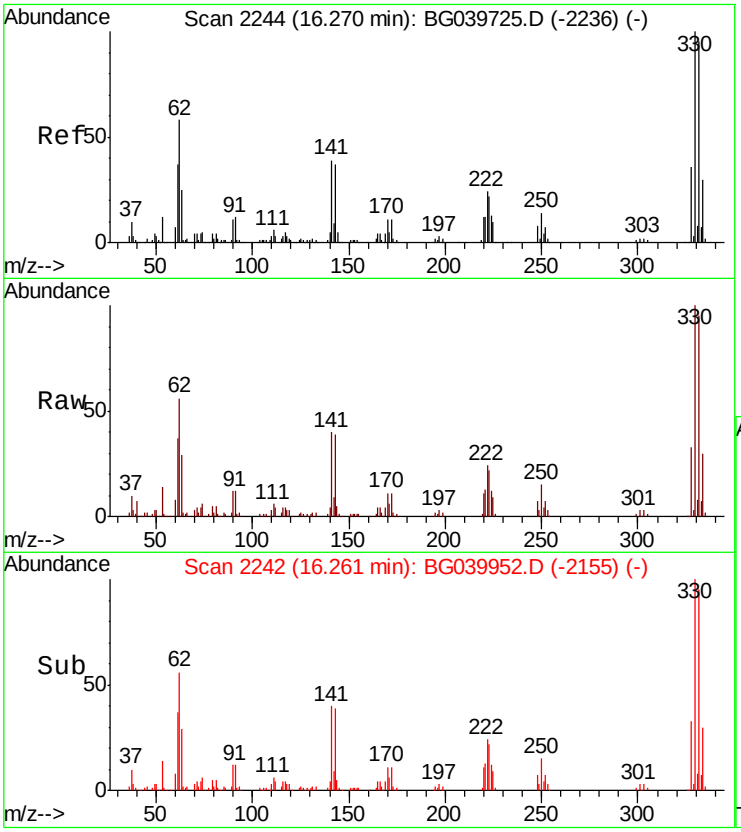


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.79 min

Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	102.0
160	42.7

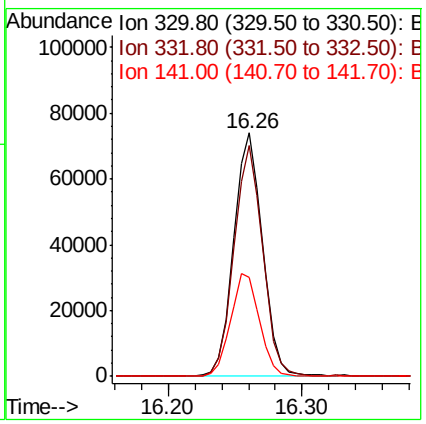


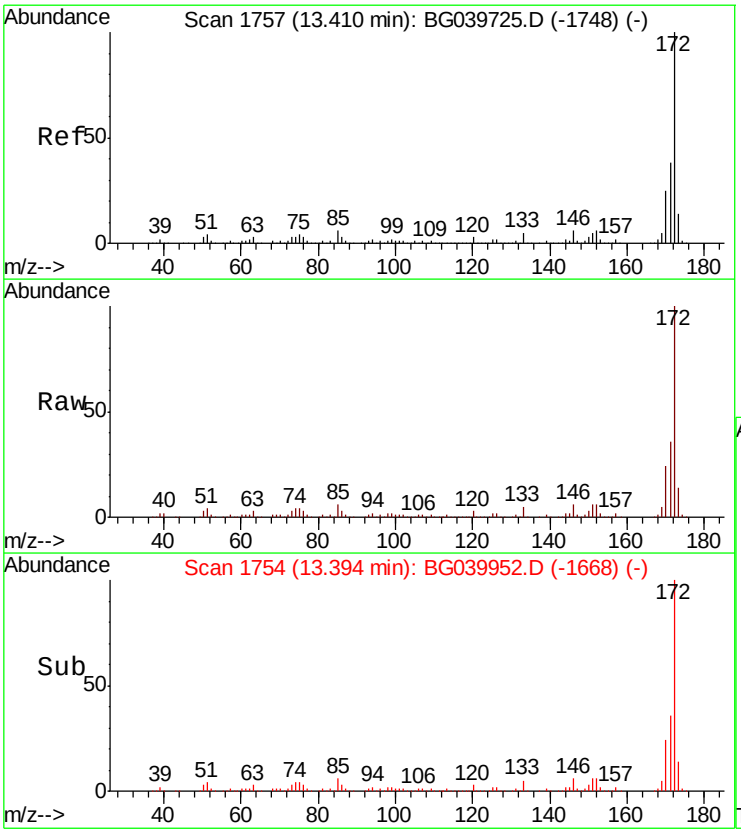
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion:330 Resp: 110717

Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.7	113.5
141	42.4	35.6	53.4

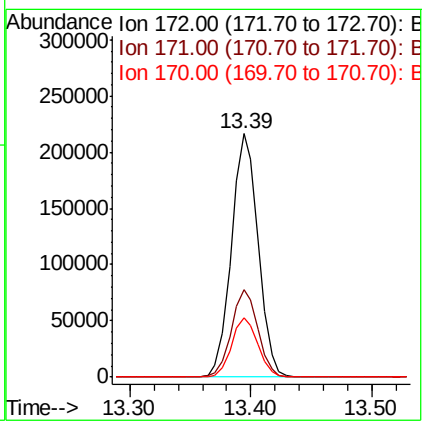


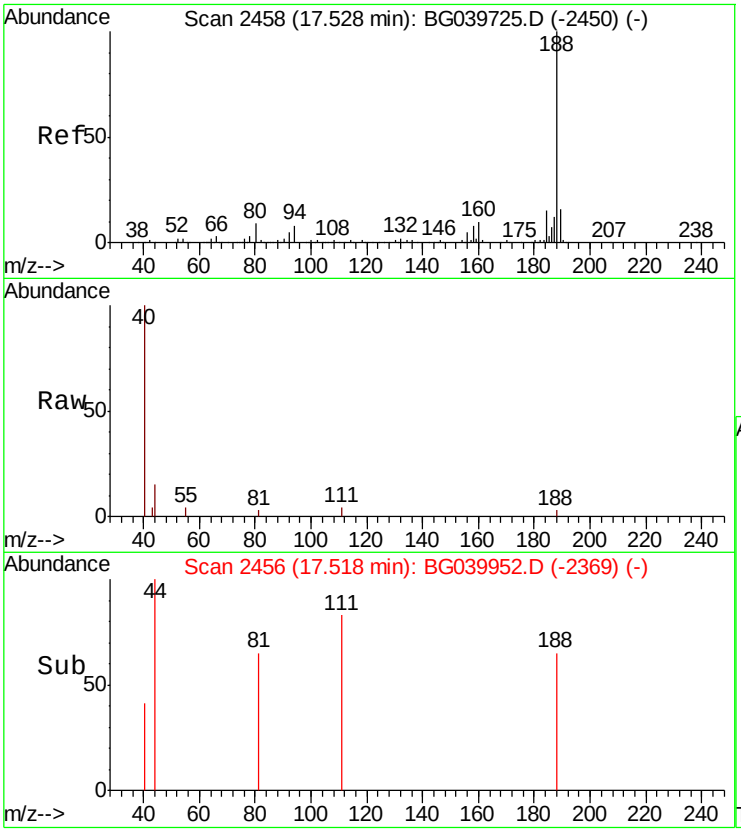


#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion:172 Resp: 332473

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.8	46.2
170	24.3	20.2	30.4



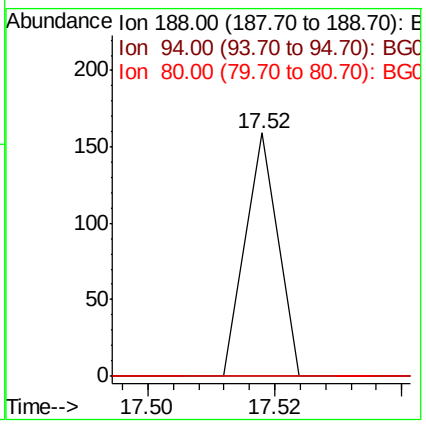


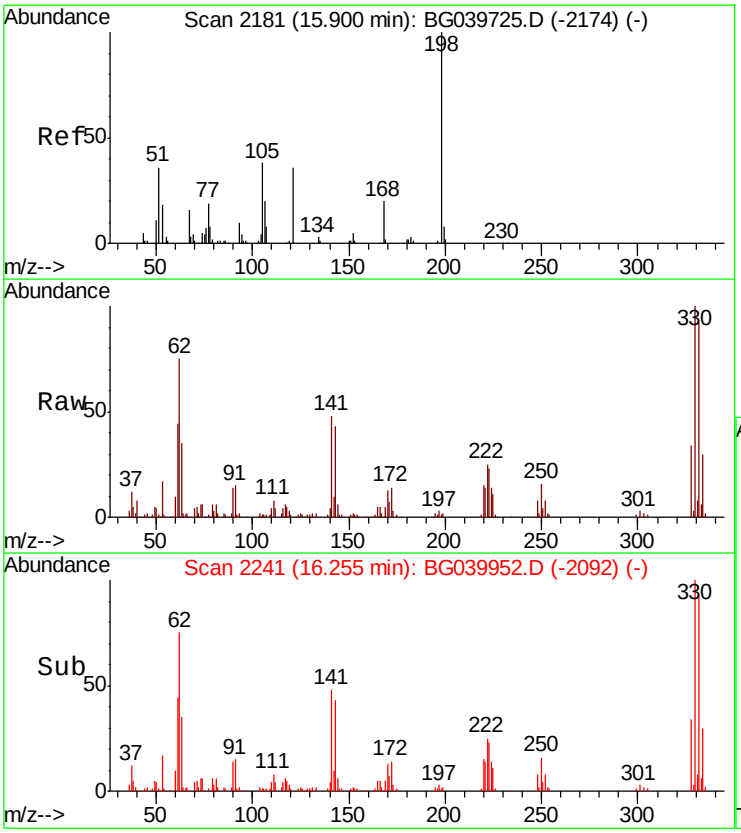
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion:188 Resp: 56

Ion	Ratio	Lower	Upper
188	100		
94	0.0	6.9	10.3#
80	0.0	8.1	12.1#

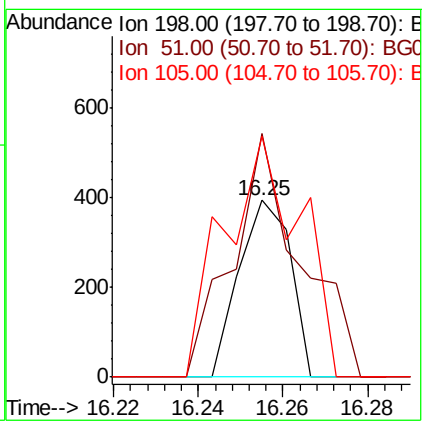


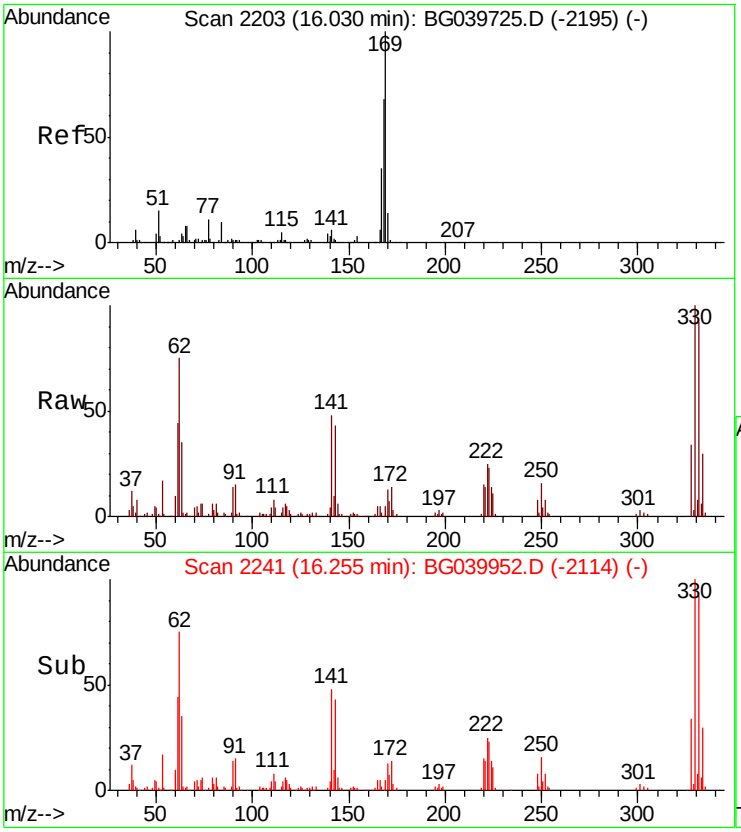


#65
4,6-Dinitro-2-methylphenol
Concen: 1005.709 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.35 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion:198 Resp: 333

Ion	Ratio	Lower	Upper
198	100		
51	137.9	27.4	67.4#
105	136.9	19.7	59.7#



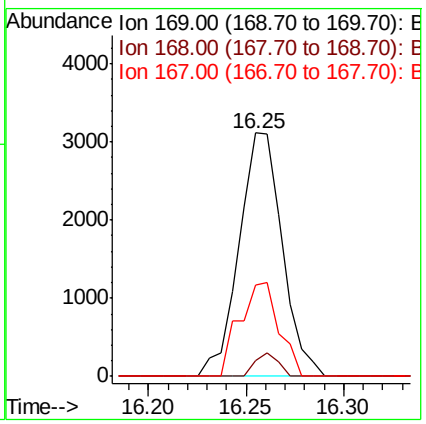


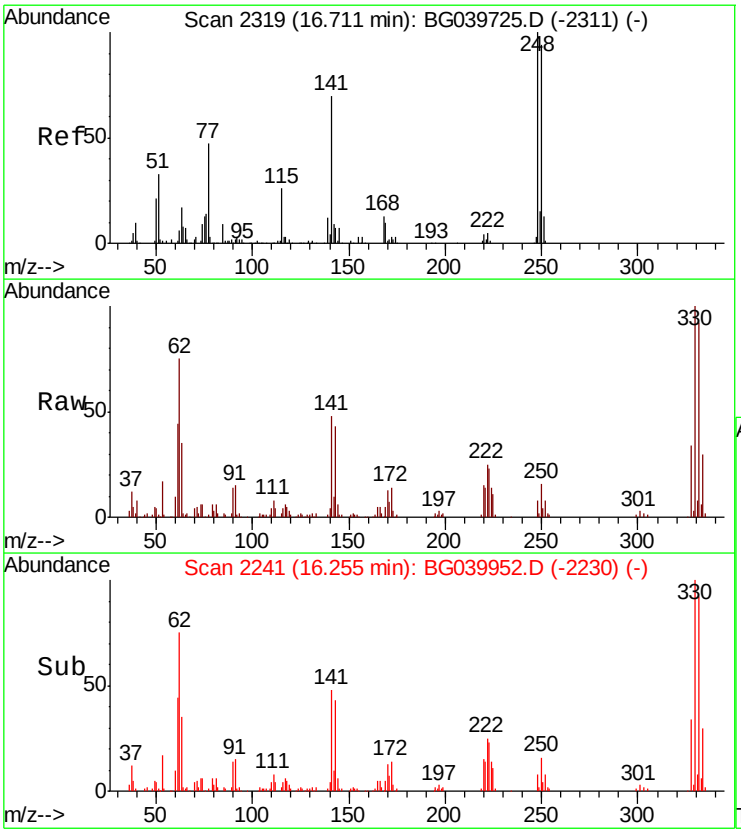
#66
n-Nitrosodiphenylamine
Concen: 2947.793 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.22 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion:169 Resp: 4779

Ion	Ratio	Lower	Upper
169	100		
168	6.5	56.6	85.0#
167	37.3	28.8	43.2

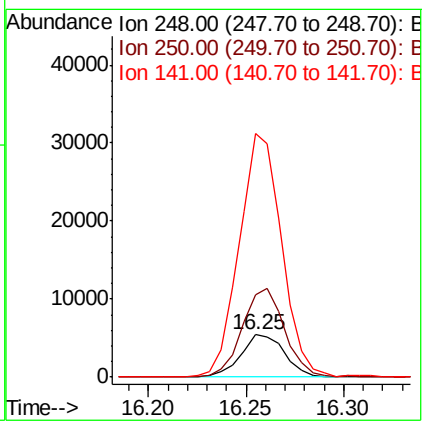


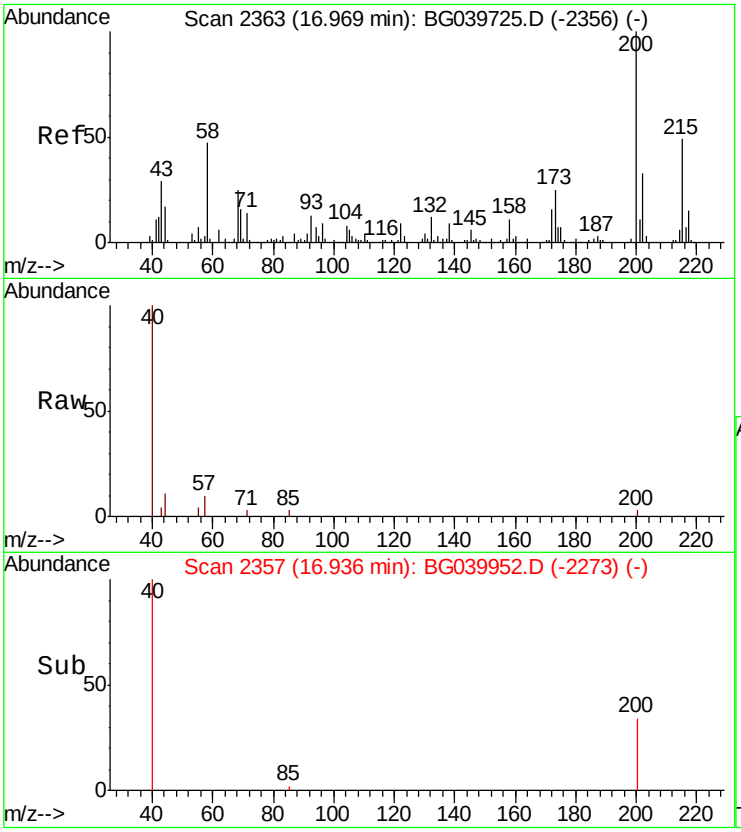


#67
4-Bromophenyl-phenylether
Concen: 13435.883 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion:248 Resp: 8422

Ion	Ratio	Lower	Upper
248	100		
250	192.8	77.6	116.4#
141	571.4	63.9	95.9#



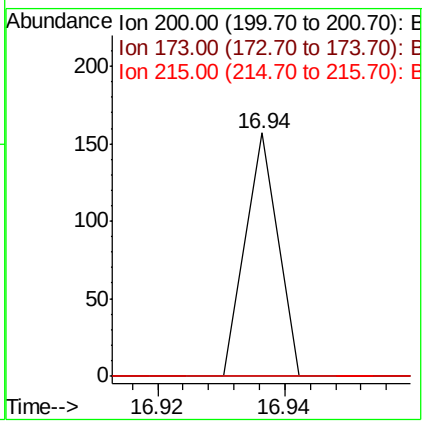


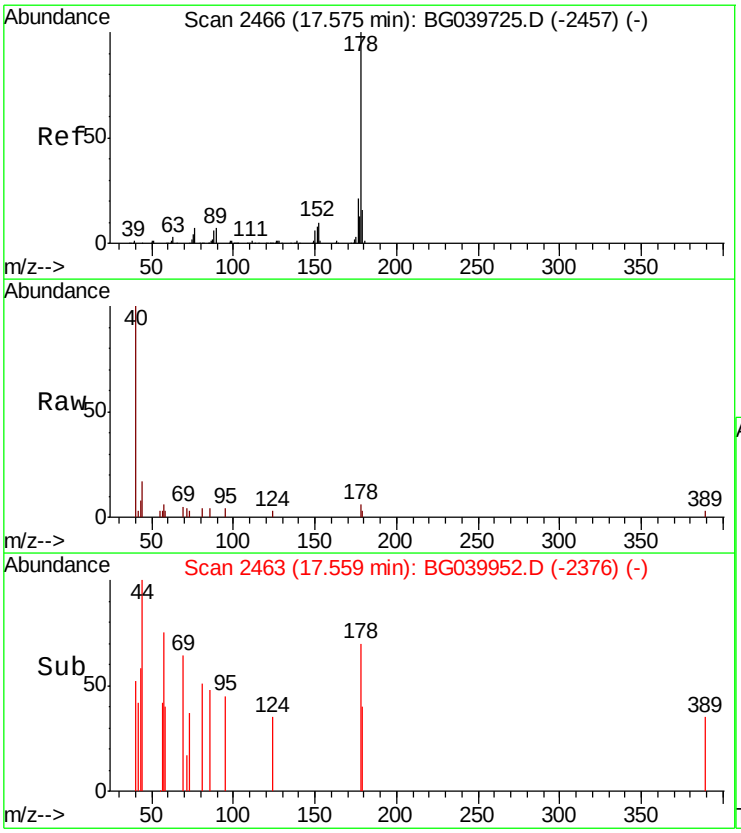
#69
Atrazine
Concen: 86.200 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.03 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion:200 Resp: 55

Ion	Ratio	Lower	Upper
200	100		
173	0.0	3.9	43.9#
215	0.0	30.9	70.9#

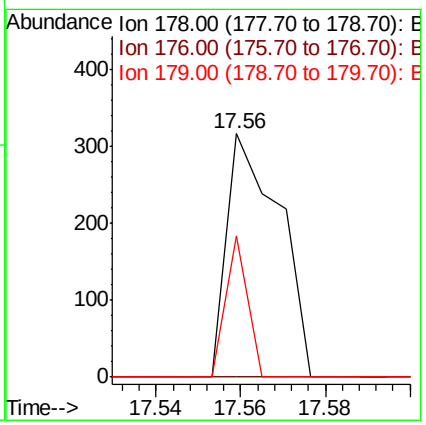


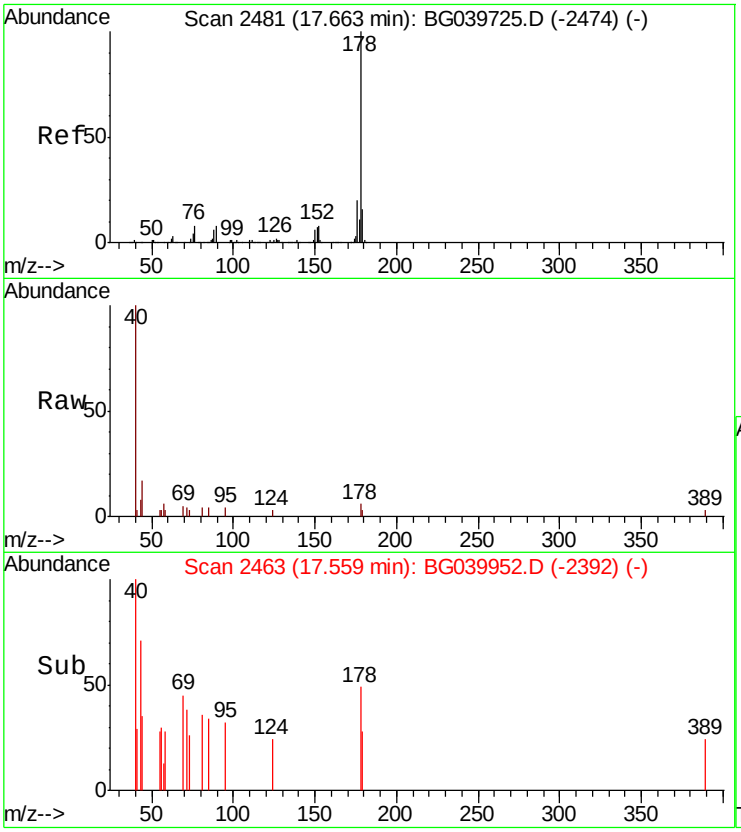


#71
Phenanthrene
Concen: 88.182 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion:178 Resp: 272

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.2	24.4#
179	57.7	12.6	19.0#



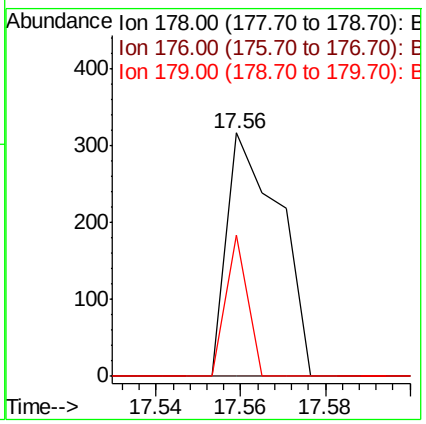


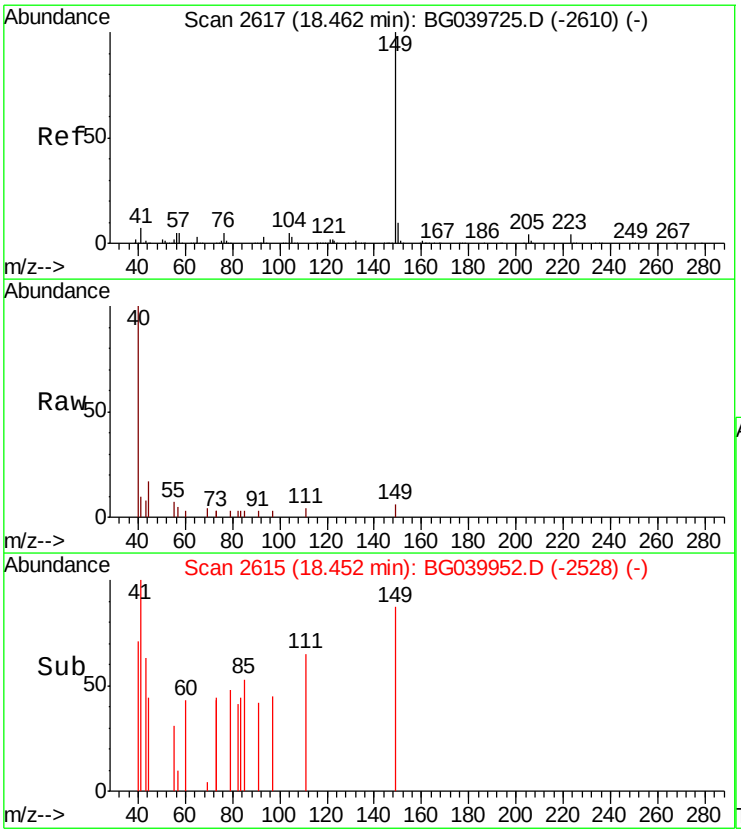
#72
Anthracene
Concen: 90.490 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.11 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion:178 Resp: 272

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.6#
179	57.7	12.5	18.7#

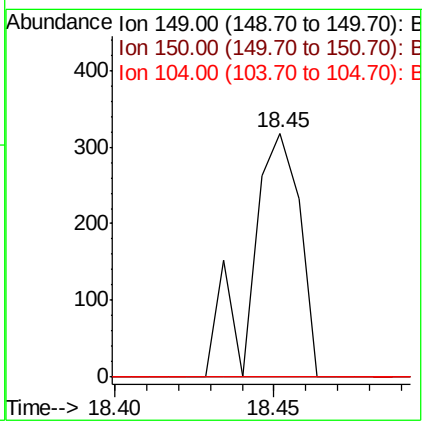


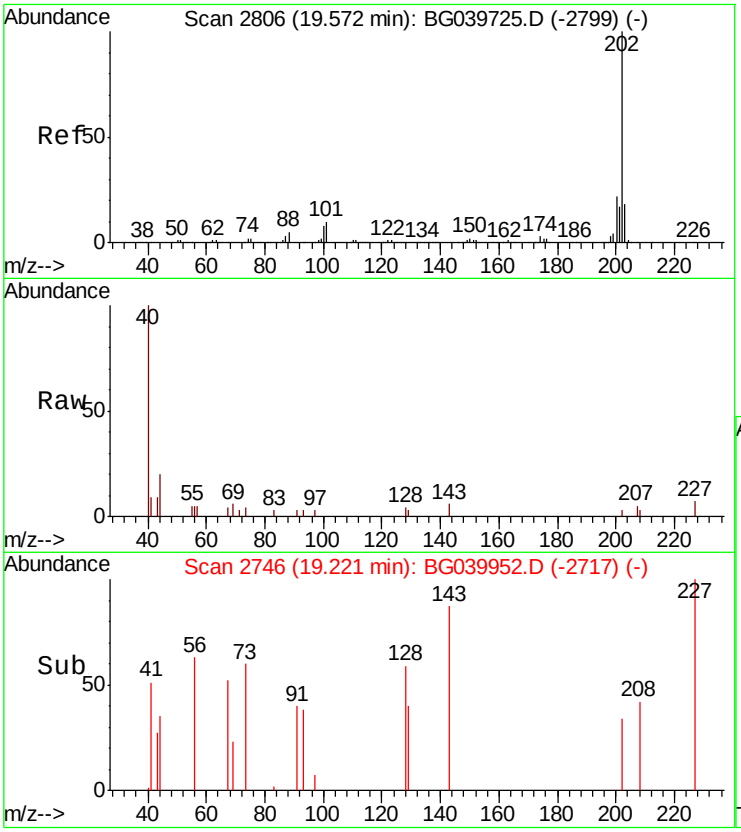


#74
Di-n-butylphthalate
Concen: 106.640 ng
RT: 18.45 min Scan# 2615
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion:149 Resp: 340

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.5	6.7#



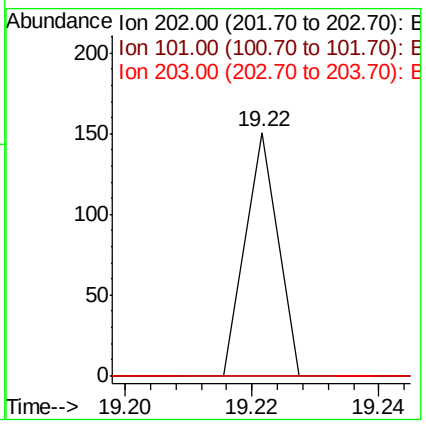


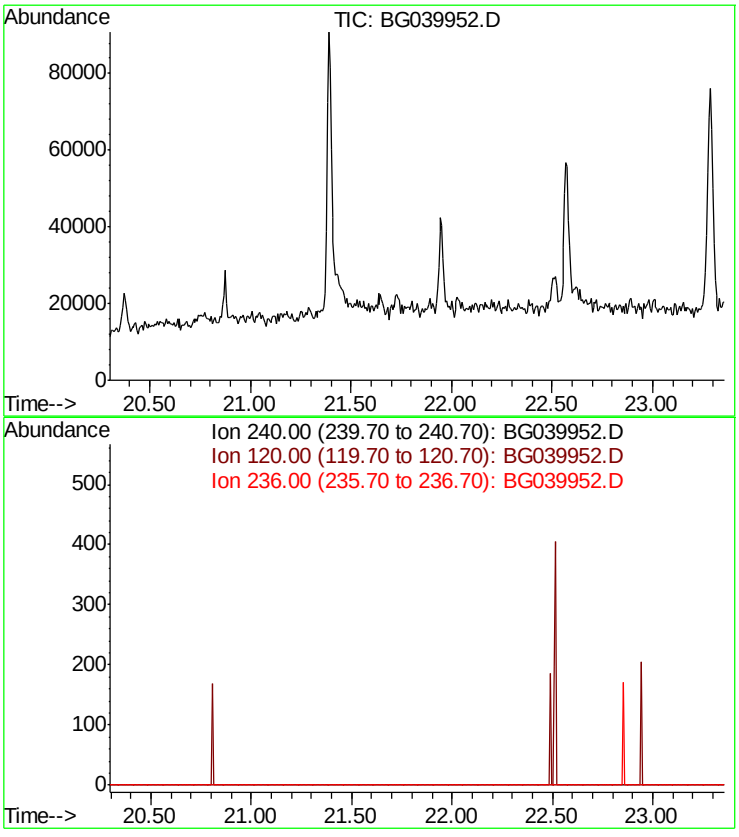
#75
Fluoranthene
Concen: 14.539 ng
RT: 19.22 min Scan# 2746
Delta R.T. -0.36 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion:202 Resp: 53

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.0
203	0.0	0.0	38.9



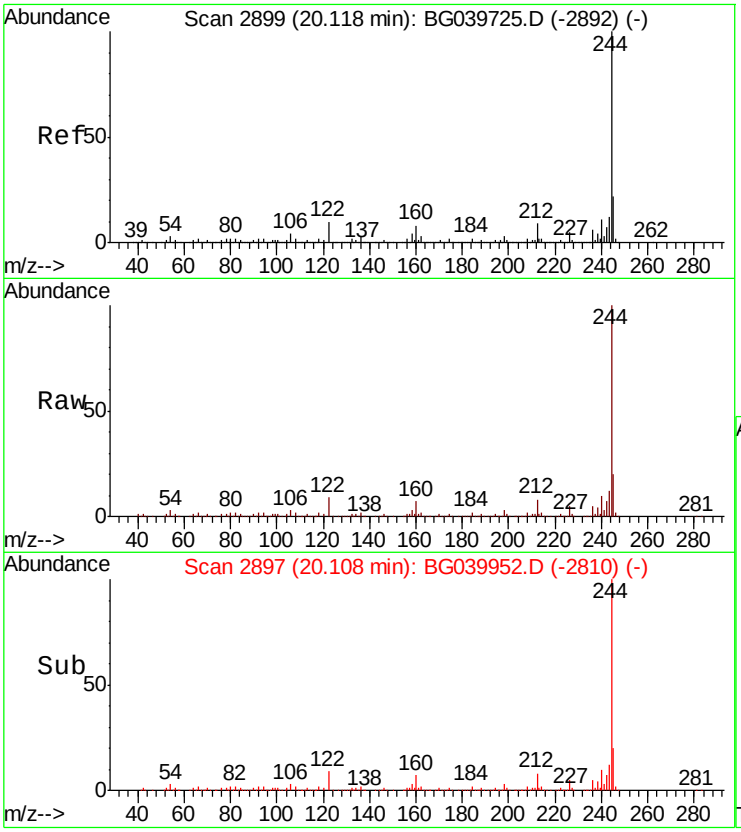


#76
Chrysene-d12
Concen: 0.000 ng
Expected RT: 21.83 min

Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	8.8
236	26.2

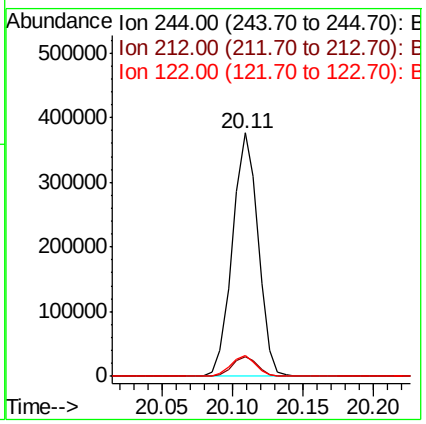


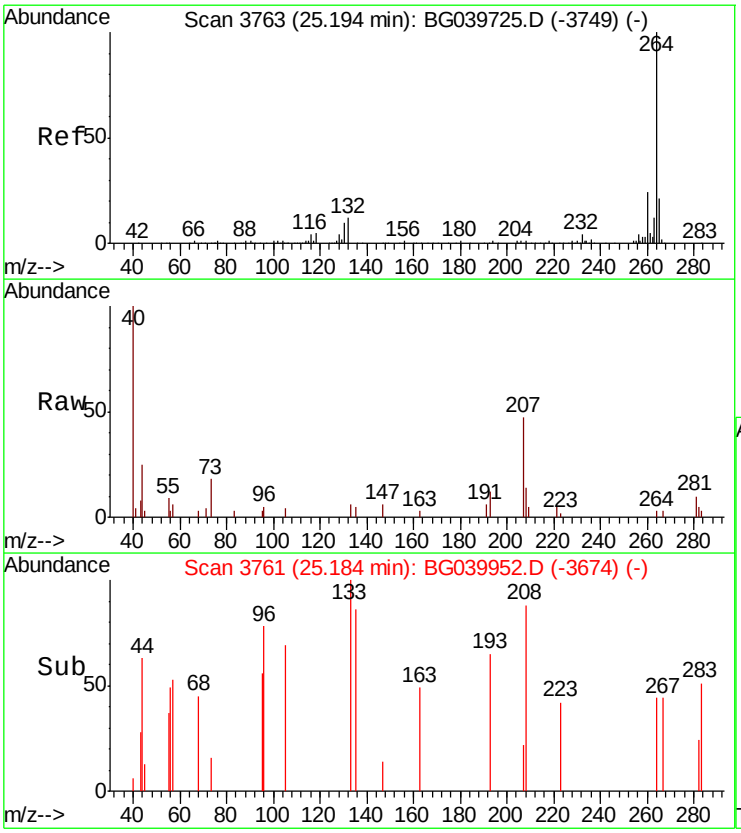
#79
Terphenyl-d14
Concen: 0.000 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion:244 Resp: 475679

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.3	10.9
122	8.8	8.4	12.6

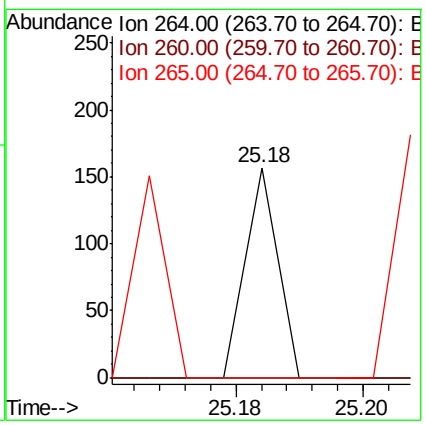


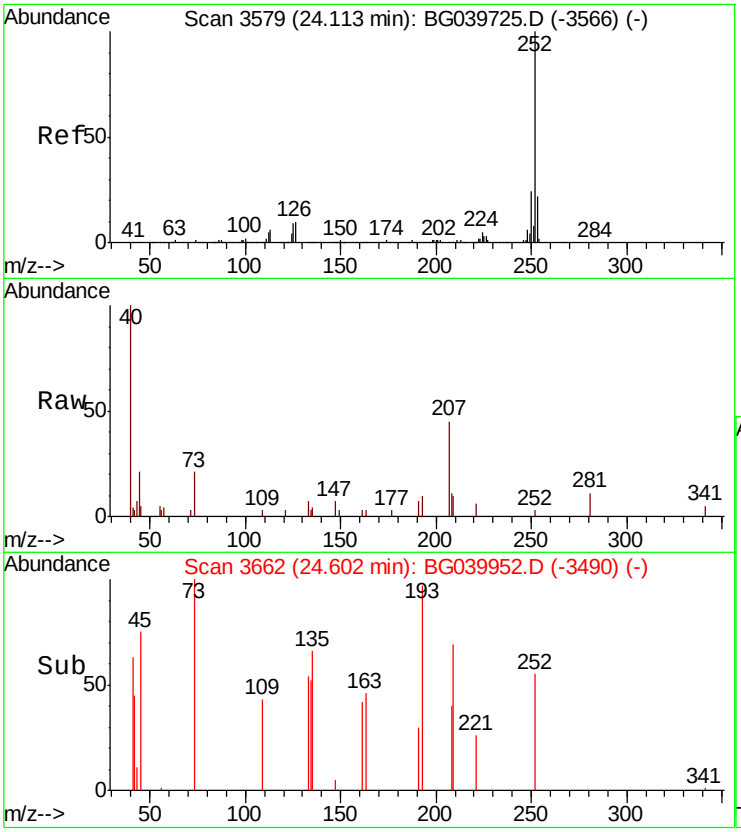


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion:264 Resp: 55

Ion	Ratio	Lower	Upper
264	100		
260	0.0	18.2	27.4#
265	0.0	18.5	27.7#



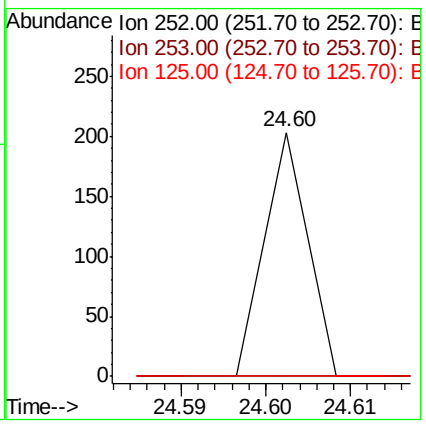


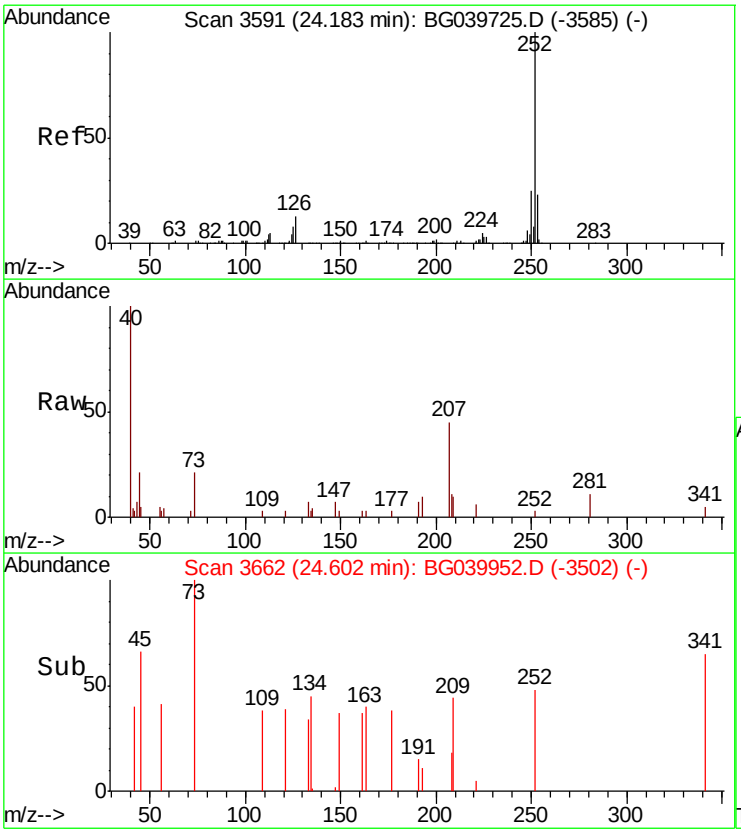
#88
Benzo(b)fluoranthene
Concen: 21.953 ng
RT: 24.60 min Scan# 3662
Delta R.T. 0.48 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion:252 Resp: 72

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	7.8	11.6#

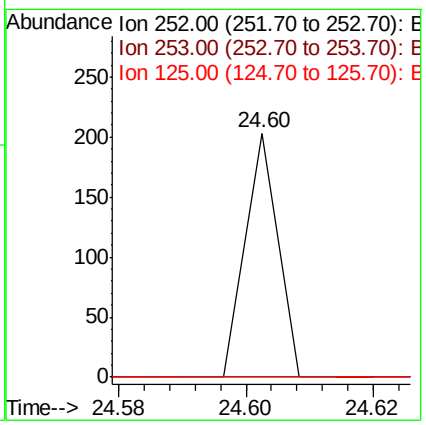


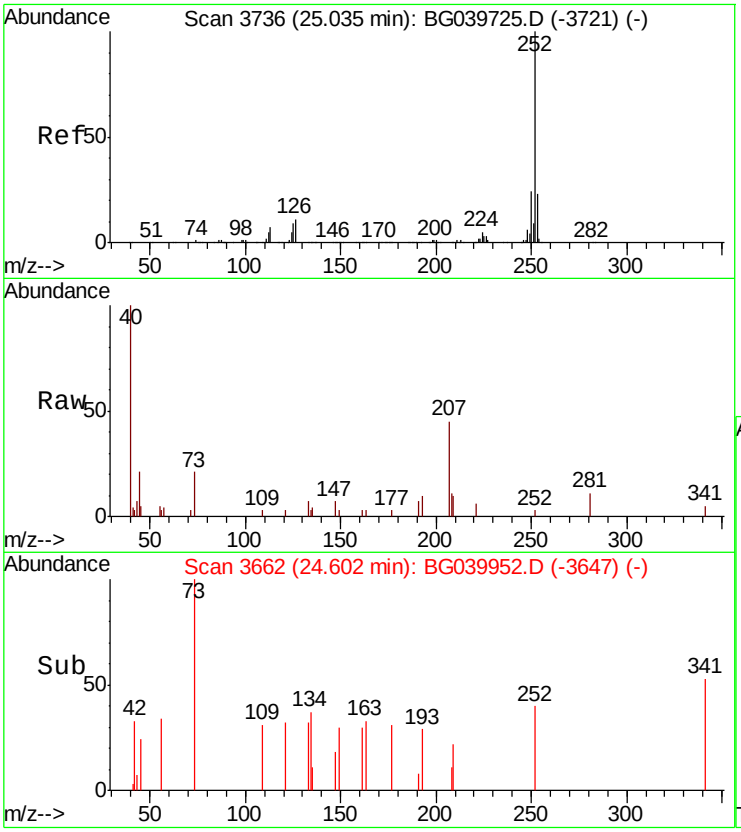


#89
Benzo(k)fluoranthene
Concen: 23.584 ng
RT: 24.60 min Scan# 3662
Delta R.T. 0.41 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Tgt Ion:252 Resp: 72

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	0.0	7.4	11.2#





#90
Benzo(a)pyrene
Concen: 23.757 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.44 min
Lab File: BG039952.D
Acq: 15 Mar 2019 22:08

Instrument :
BNA_G
ClientSampleId :
SB-1(12-13)

Tgt Ion:252 Resp: 72

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	8.3	12.5#