Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039742.D
Acq On : 4 Mar 2019 22:06
Operator : JU/SJ
Sample : K1714-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-A-2-5

Quant Time: Mar 05 00:12:42 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	8.16	152	39401	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	173418	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	121769	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	312109	20.00	ng	0.00
76) Chrysene-d12	21.81	240	325176	20.00	ng	-0.01
87) Perylene-d12	25.19	264	326079	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	234515	101.54	ng	0.00
7) Phenol-d6	7.30	99	349103	101.38	ng	-0.01
23) Nitrobenzene-d5	9.33	82	204922	63.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	133619	94.14	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	531016	62.09	ng	-0.01
79) Terphenyl-d14	20.12	244	896483	60.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	95	0.089	ng	# 1
3) Pyridine	4.04	79	53	0.019	ng	# 1
4) n-Nitrosodimethylamine	3.92	42	130	0.096	ng	# 1
6) Aniline	7.31	93	54	0.012	ng	# 1
9) Benzaldehyde	7.29	77	575	0.259	ng	# 4
10) Phenol	7.33	94	5143	1.379	ng	91
11) bis(2-Chloroethyl)ether	7.68	93	295	0.101	ng	# 1
15) Benzyl Alcohol	8.48	79	3560	1.303	ng	# 43
19) n-Nitroso-di-n-propylamine	9.33	70	26466	10.678	ng	# 67
24) Nitrobenzene	9.33	77	519	0.154	ng	# 42
25) Isophorone	9.43	82	478	0.071	ng	# 67
31) Naphthalene	10.98	128	68	0.007	ng	# 69
37) 2-Methylnaphthalene	13.08	142	71	0.010	ng	# 13
38) 1-Methylnaphthalene	13.08	142	71	0.011	ng	# 7
46) 1,1'-Biphenyl	13.61	154	696	0.069	ng	# 41
48) 2-Nitroaniline	13.88	65	55	0.023	ng	# 10
50) Dimethylphthalate	14.23	163	43347	4.257	ng	99
51) 2,6-Dinitrotoluene	14.78	165	16192	7.501	ng	# 24
52) Acenaphthene	14.78	154	535	0.072	ng	# 5
57) 2,4-Dinitrotoluene	14.78	165	16192	5.339	ng	# 19
58) Fluorene	16.27	166	5489	0.572	ng	# 71
60) Diethylphthalate	15.57	149	148	0.015	ng	# 58
63) Azobenzene	16.12	77	55	0.006	ng	# 47
65) 4,6-Dinitro-2-methylphenol	16.26	198	462	0.250	ng	# 71
66) n-Nitrosodiphenylamine	16.27	169	5815	0.644	ng	# 48
67) 4-Bromophenyl-phenylether	16.27	248	11151	3.192	ng	# 1
71) Phenanthrene	17.58	178	577	0.034	ng	# 59
72) Anthracene	17.58	178	577	0.034	ng	# 60
73) Carbazole	17.98	167	55	0.004	ng	# 57
74) Di-n-butylphthalate	18.46	149	1650	0.093	ng	# 77
75) Fluoranthene	19.57	202	1029	0.051	ng	63
77) Benzidine	20.12	184	15483	1.500	ng	# 96
78) Pyrene	19.93	202	1042	0.049	ng	# 55
80) Butylbenzylphthalate	20.83	149	61	0.007	ng	# 22

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039742.D
Acq On : 4 Mar 2019 22:06
Operator : JU/SJ
Sample : K1714-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-A-2-5

Quant Time: Mar 05 00:12:42 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)
81) Benzo(a)anthracene	21.81	228	1761	0.086	ng	#	57
83) Chrysene	21.87	228	559	0.028	ng	#	48
84) Bis(2-ethylhexyl)phthalate	21.66	149	636	0.055	ng	#	93
85) Di-n-octyl phthalate	22.96	149	54	0.003	ng	#	1
86) Indeno(1,2,3-cd)pyrene	29.07	276	56	0.002	ng	#	54
88) Benzo(b)fluoranthene	24.11	252	428	0.022	ng	#	72
89) Benzo(k)fluoranthene	24.16	252	150	0.008	ng	#	1
90) Benzo(a)pyrene	25.03	252	726	0.040	ng	#	75
92) Benzo(g,h,i)perylene	30.29	276	60	0.003	ng	#	54

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
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Instrument :
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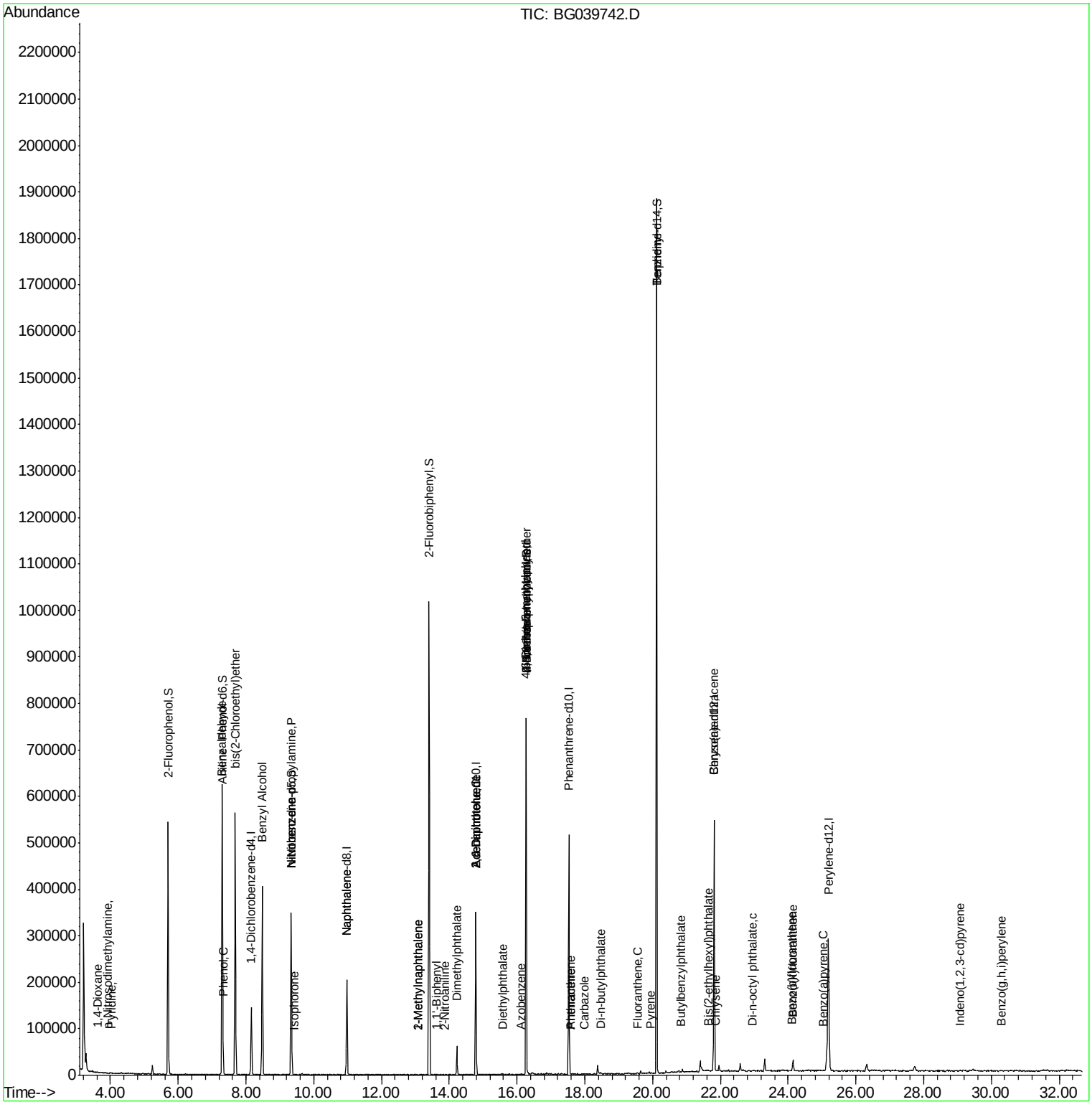
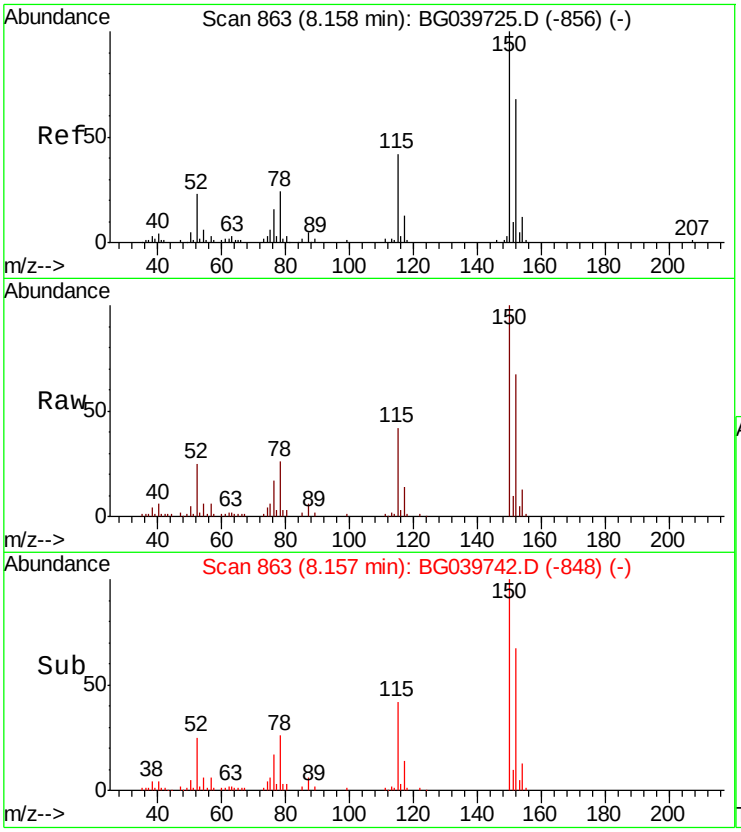


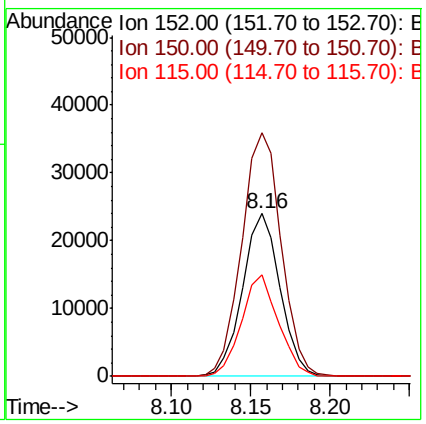


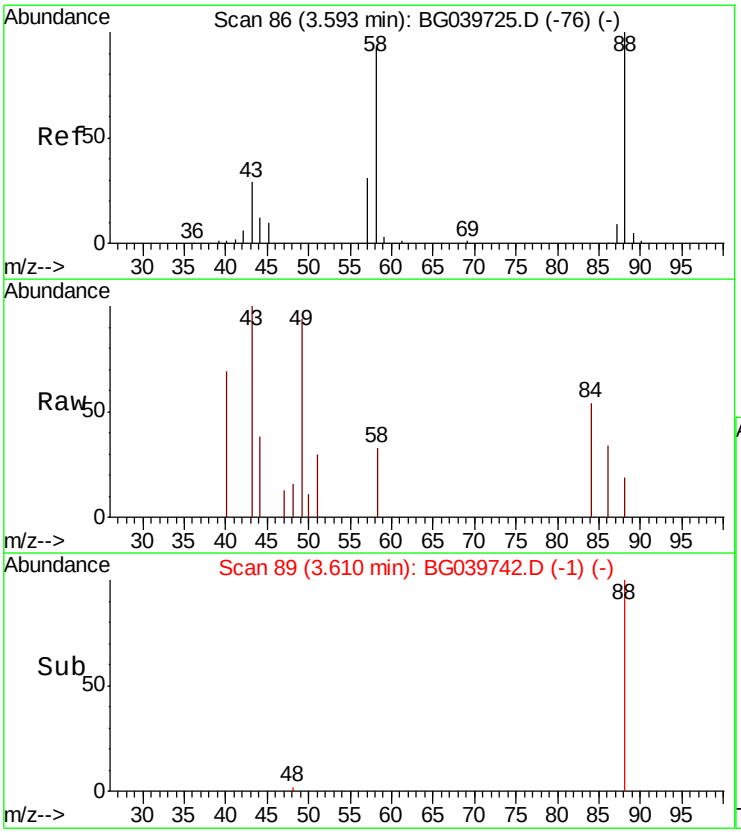
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:152 Resp: 39401

Ion	Ratio	Lower	Upper
152	100		
150	149.9	123.7	185.5
115	62.3	45.9	68.9

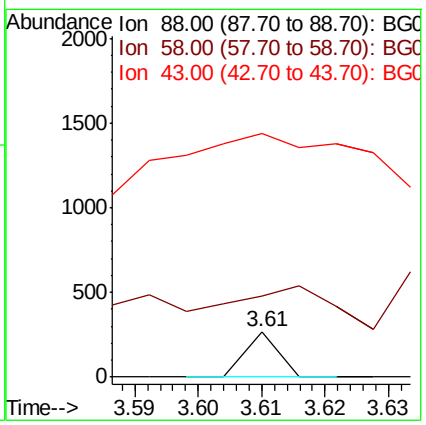


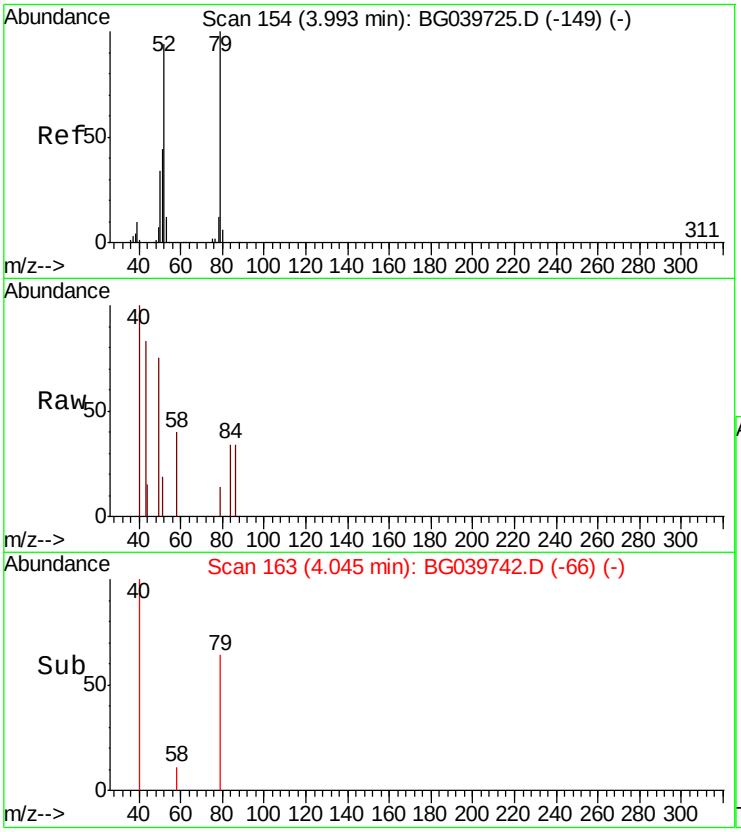


#2
1,4-Dioxane
Concen: 0.089 ng
RT: 3.61 min Scan# 89
Delta R.T. 0.00 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion: 88 Resp: 95

Ion	Ratio	Lower	Upper
88	100		
58	224.2	81.1	121.7#
43	769.5	31.4	47.0#



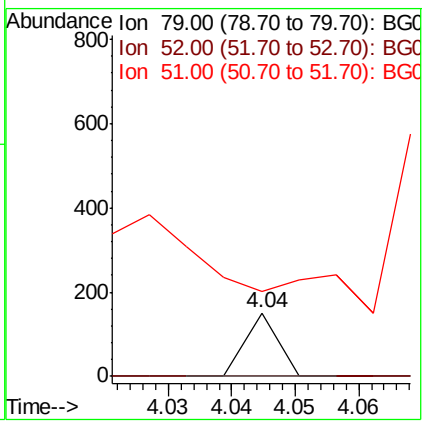


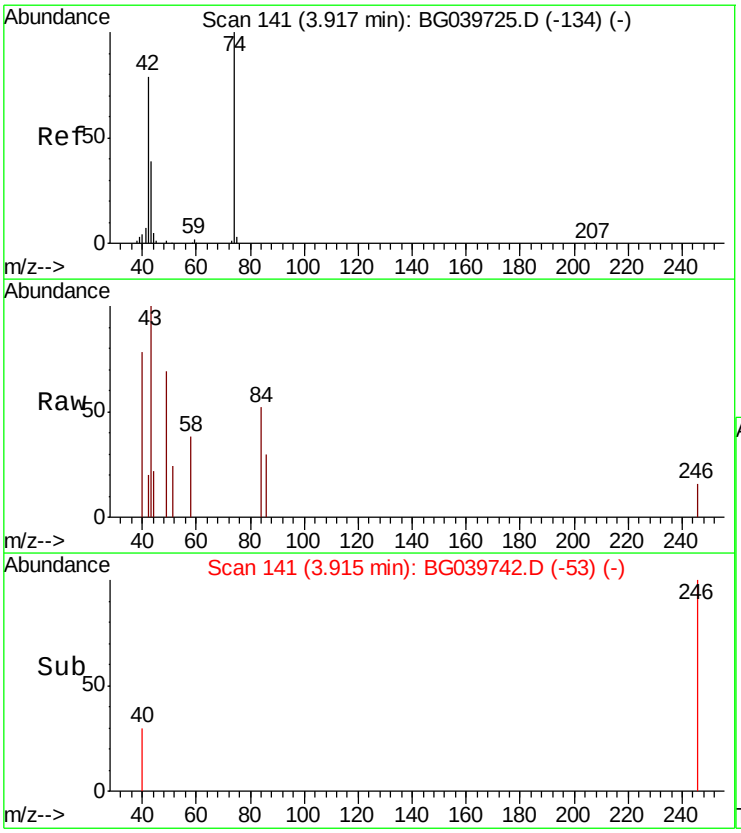
#3
Pyridine
Concen: 0.019 ng
RT: 4.04 min Scan# 163
Delta R.T. 0.04 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion: 79 Resp: 53

Ion	Ratio	Lower	Upper
79	100		
52	0.0	82.6	124.0#
51	134.4	37.5	56.3#

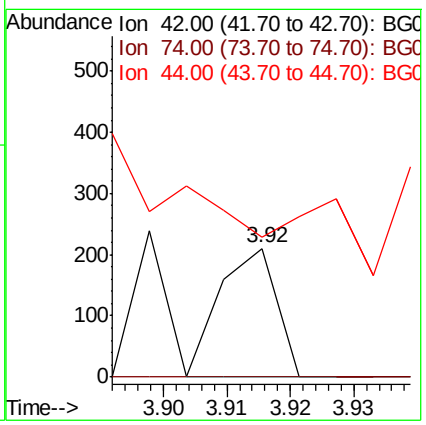


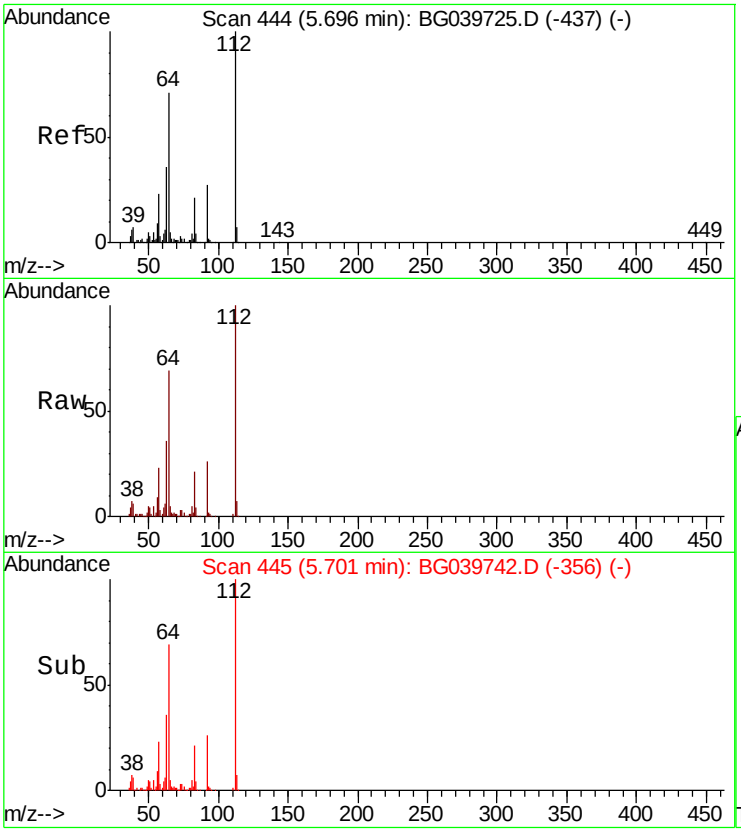


#4
n-Nitrosodimethylamine
Concen: 0.096 ng
RT: 3.92 min Scan# 141
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion: 42 Resp: 130

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.6	125.4#
44	109.0	6.9	10.3#



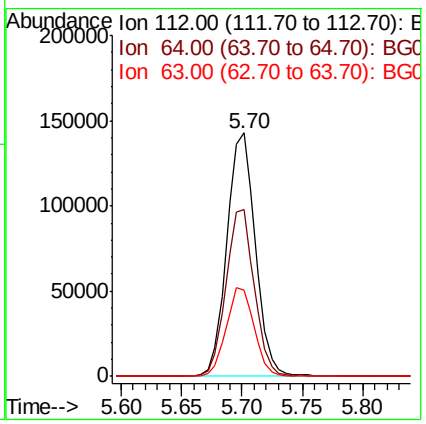


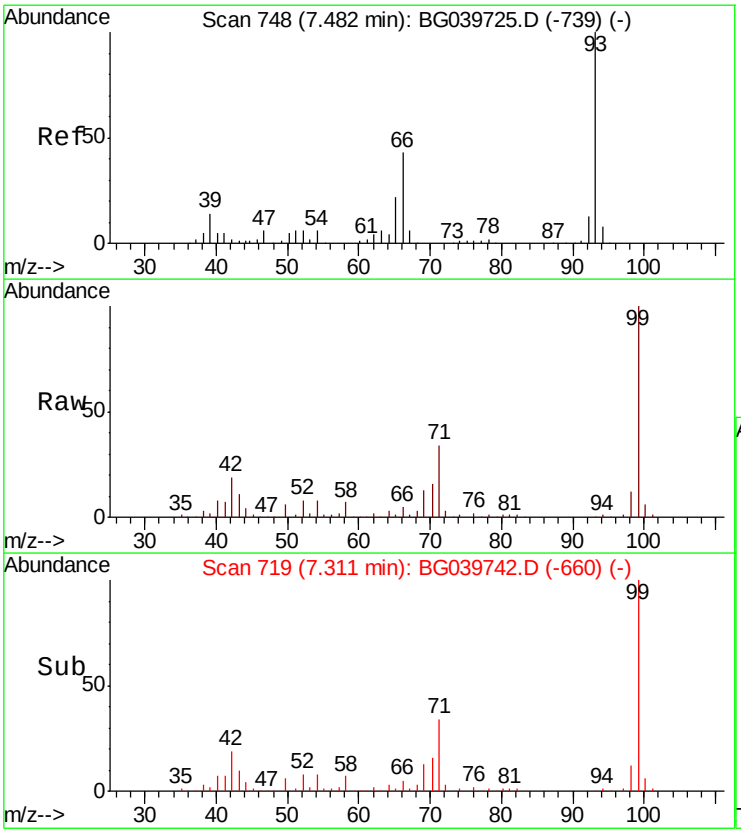
#5
2-Fluorophenol
Concen: 101.542 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:112 Resp: 234515

Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.8	86.8
63	35.6	29.8	44.6

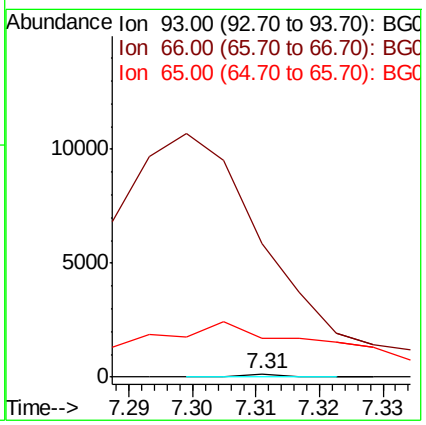


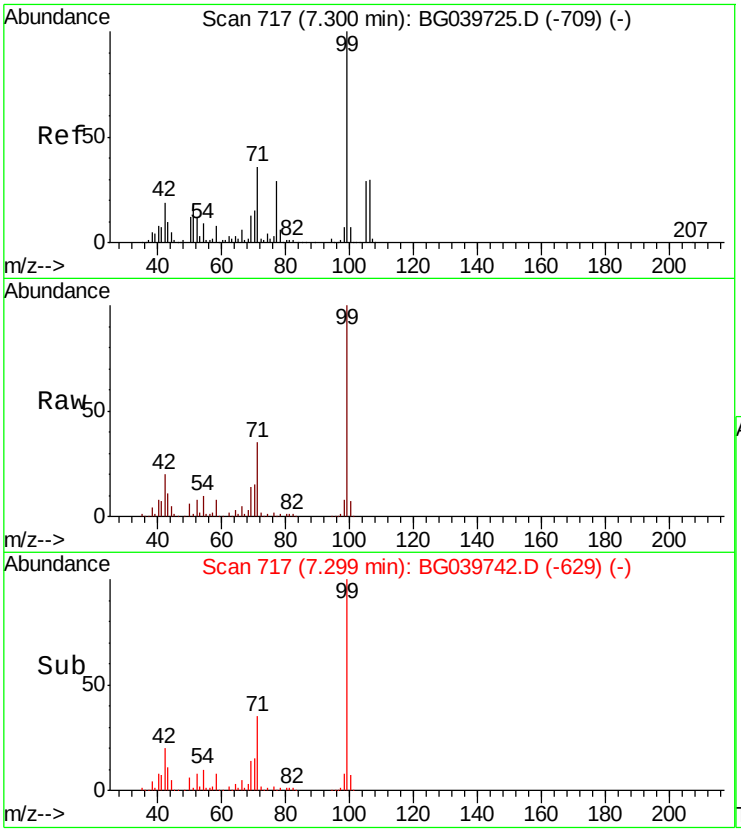


#6
Aniline
Concen: 0.012 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.18 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion: 93 Resp: 54

Ion	Ratio	Lower	Upper
93	100		
66	3808.4	34.2	51.4#
65	1111.0	17.7	26.5#



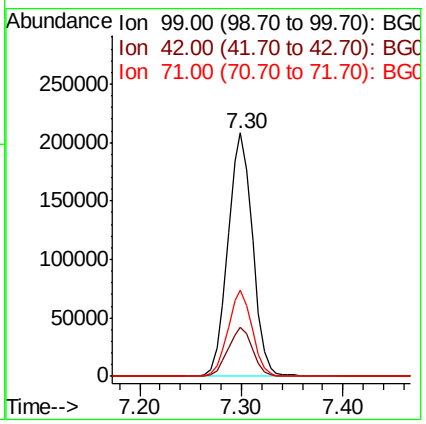


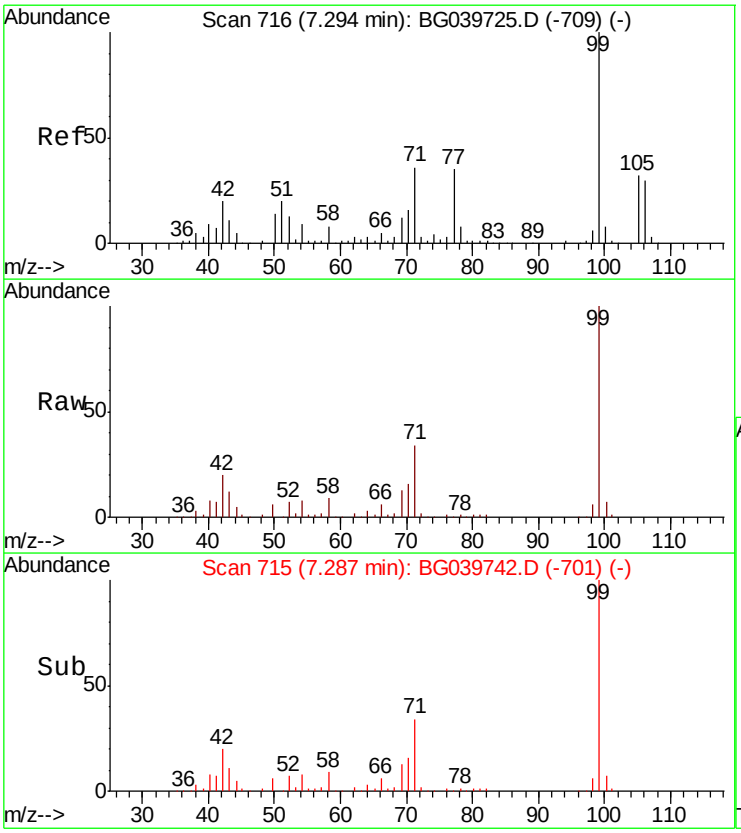
#7
Phenol-d6
Concen: 101.376 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion: 99 Resp: 349103

Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.2	27.2
71	35.2	28.0	42.0

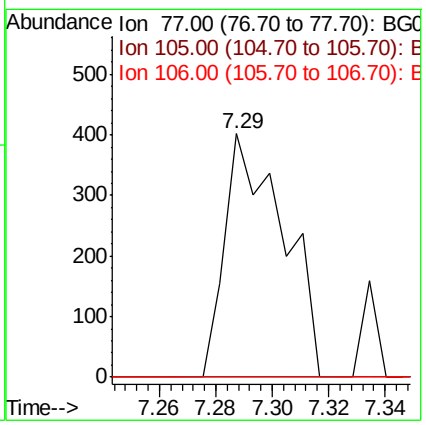


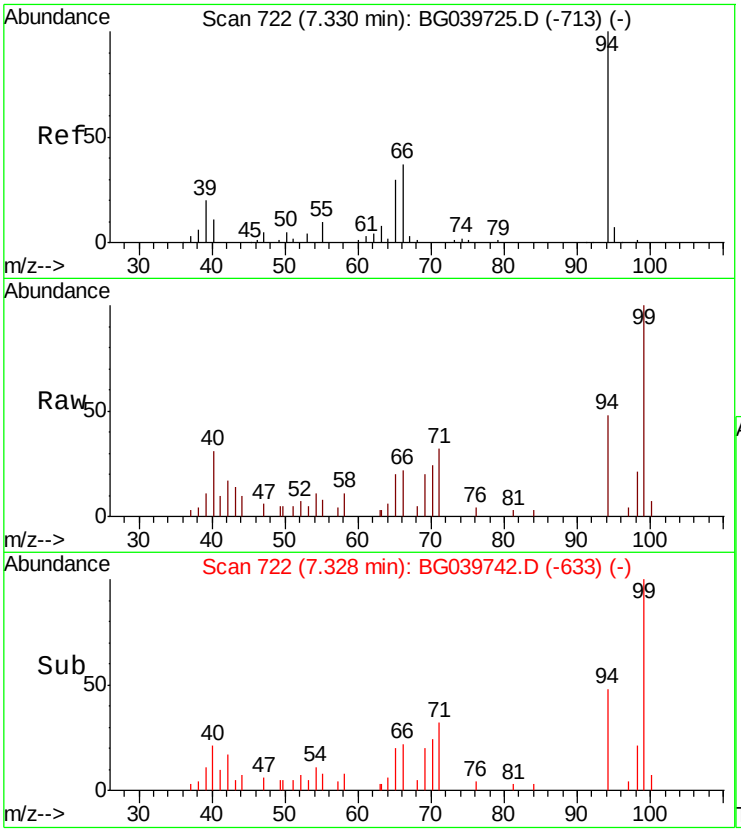


#9
Benzaldehyde
Concen: 0.259 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion: 77 Resp: 575

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



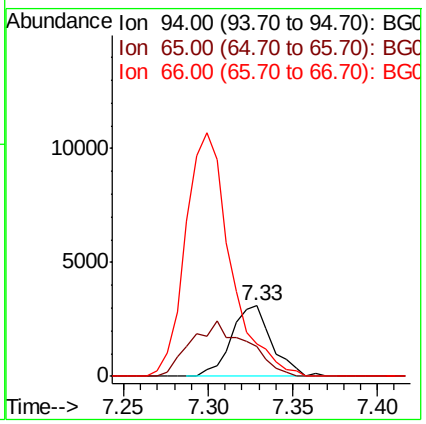


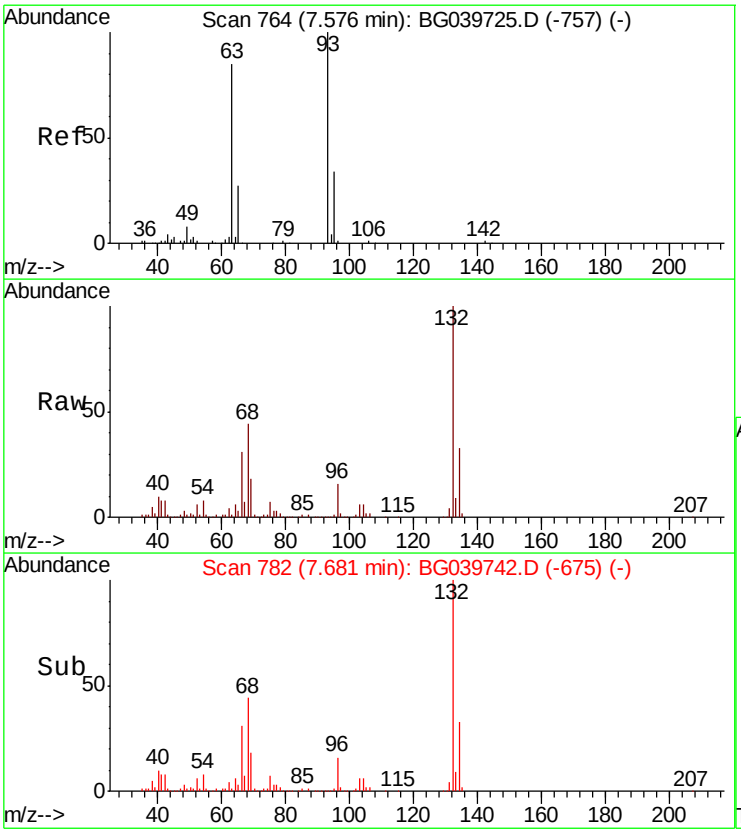
#10
Phenol
Concen: 1.379 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion: 94 Resp: 5143

Ion	Ratio	Lower	Upper
94	100		
65	41.7	11.7	51.7
66	45.5	23.7	63.7

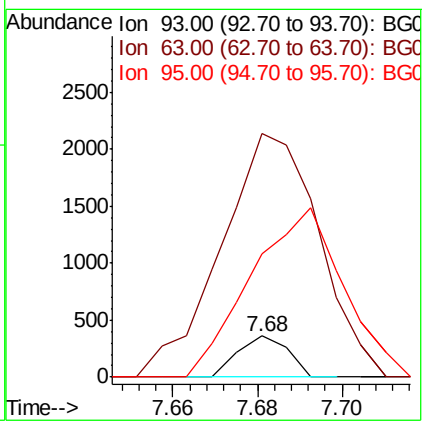


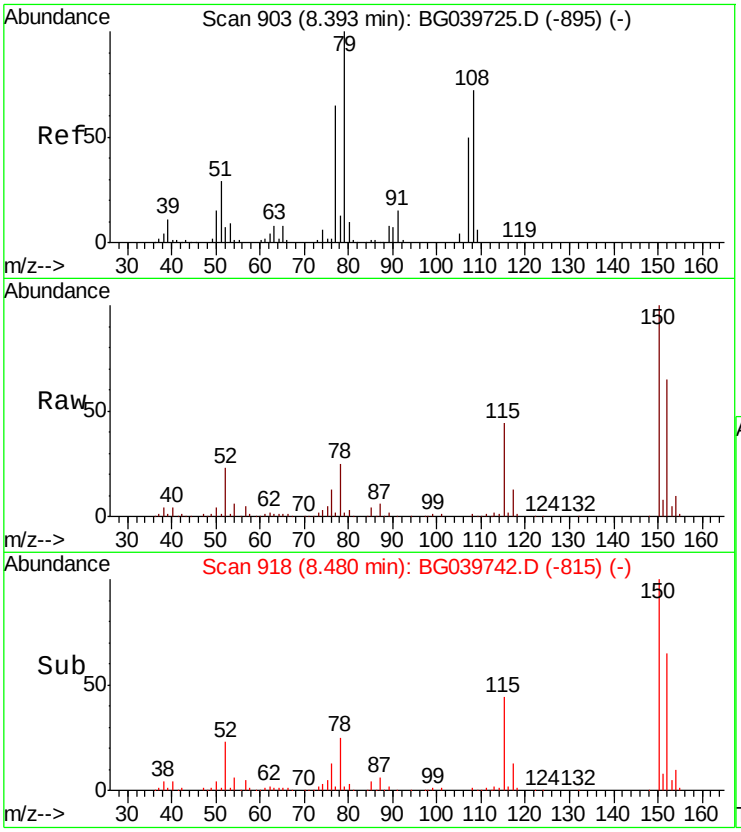


#11
bis(2-Chloroethyl)ether
Concen: 0.101 ng
RT: 7.68 min Scan# 782
Delta R.T. 0.10 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion: 93 Resp: 295

Ion	Ratio	Lower	Upper
93	100		
63	593.9	69.5	109.5#
95	301.1	12.7	52.7#



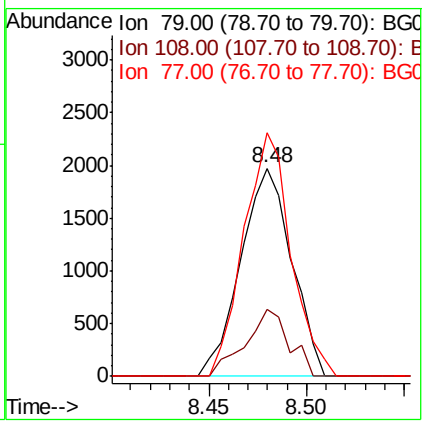


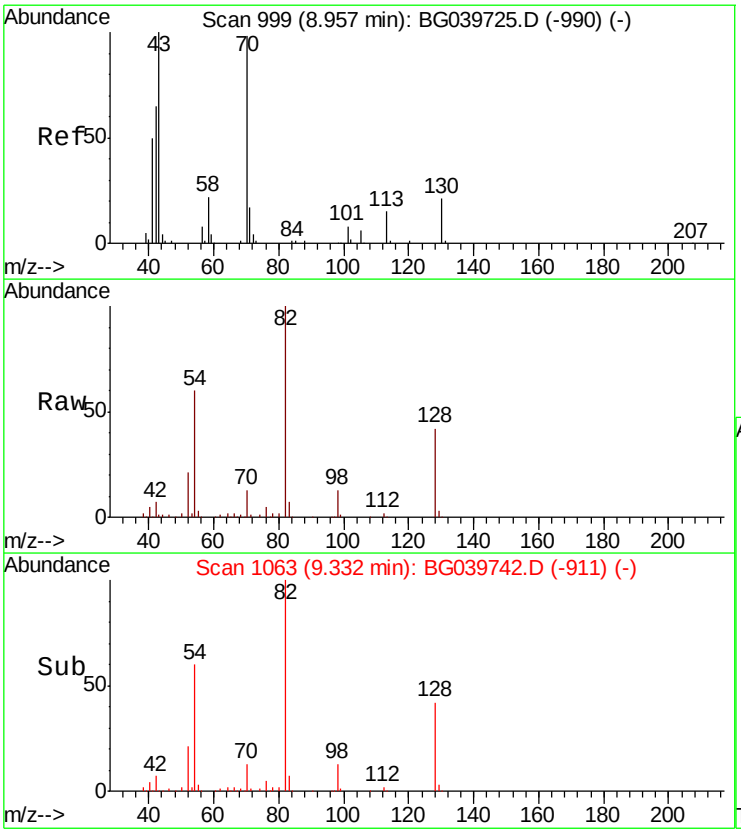
#15
Benzyl Alcohol
Concen: 1.303 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.07 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion: 79 Resp: 3560

Ion	Ratio	Lower	Upper
79	100		
108	32.2	57.8	86.6#
77	117.1	51.1	76.7#

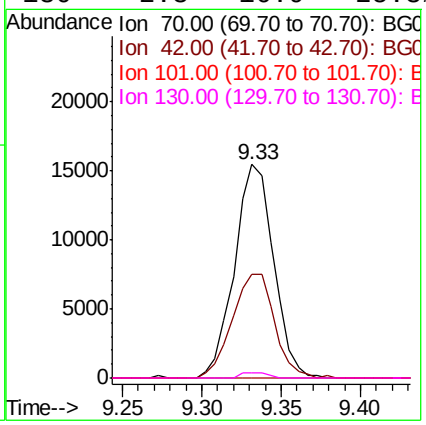


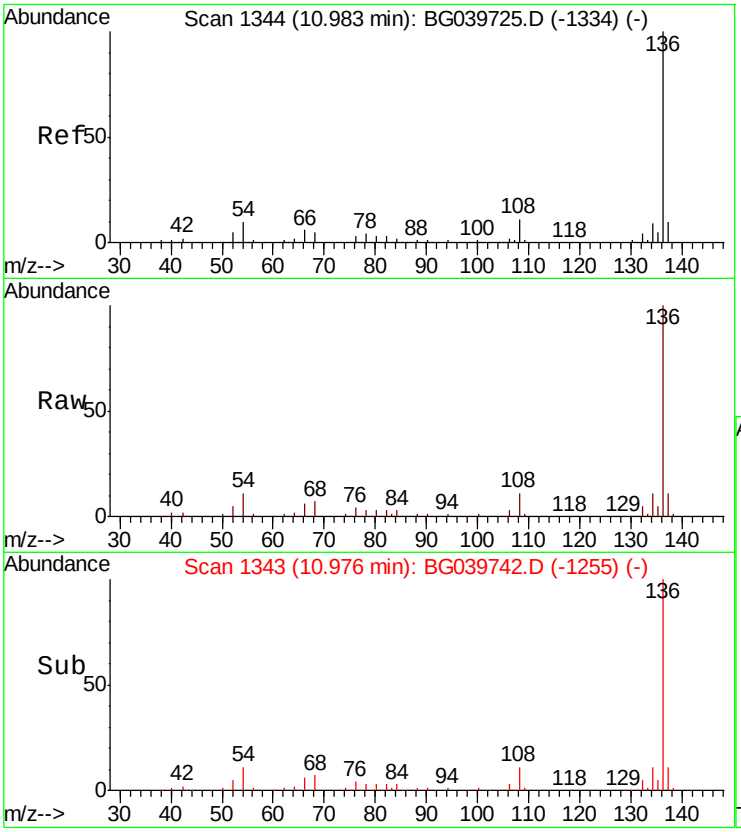


#19
n-Nitroso-di-n-propylamine
Concen: 10.678 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion: 70 Resp: 26466

Ion	Ratio	Lower	Upper
70	100		
42	48.7	60.4	90.6#
101	0.0	7.5	11.3#
130	2.3	16.9	25.3#



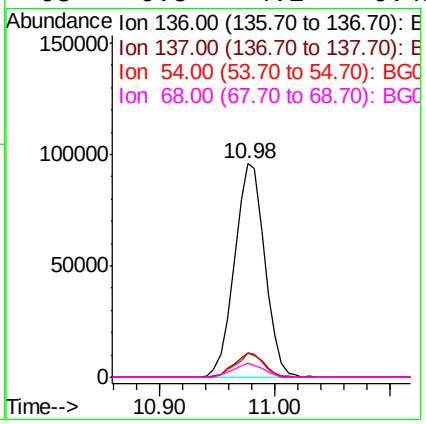


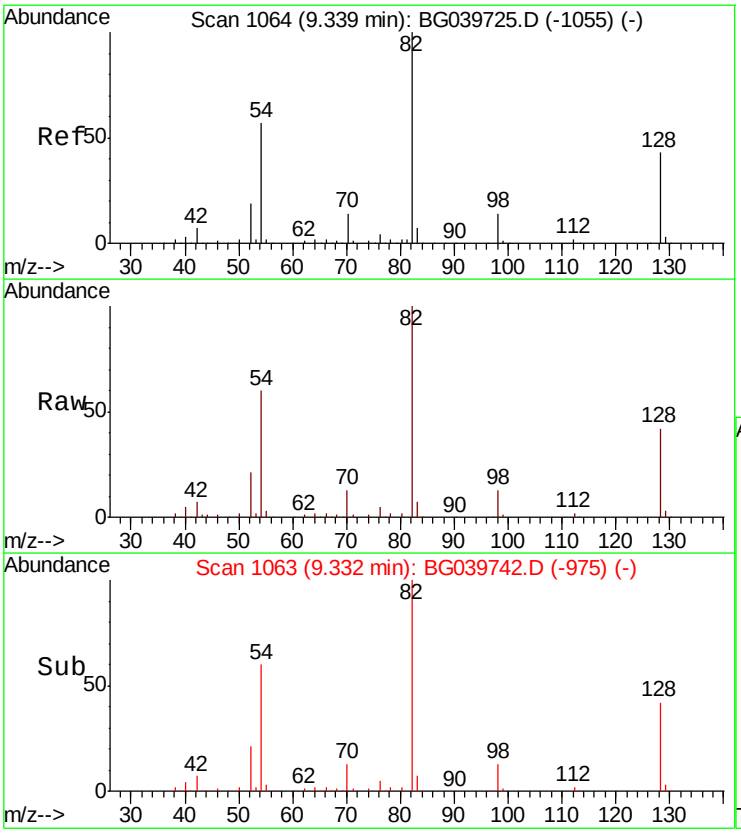
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:136 Resp: 173418

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.5	9.4	14.2
68	6.5	4.2	6.4#

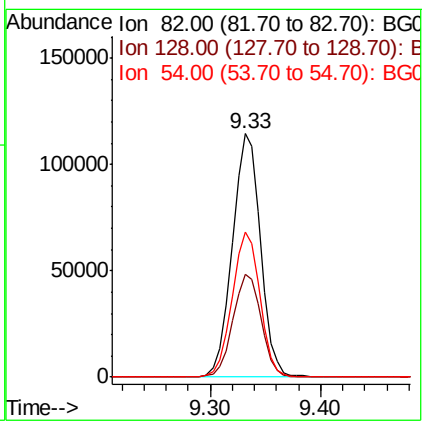


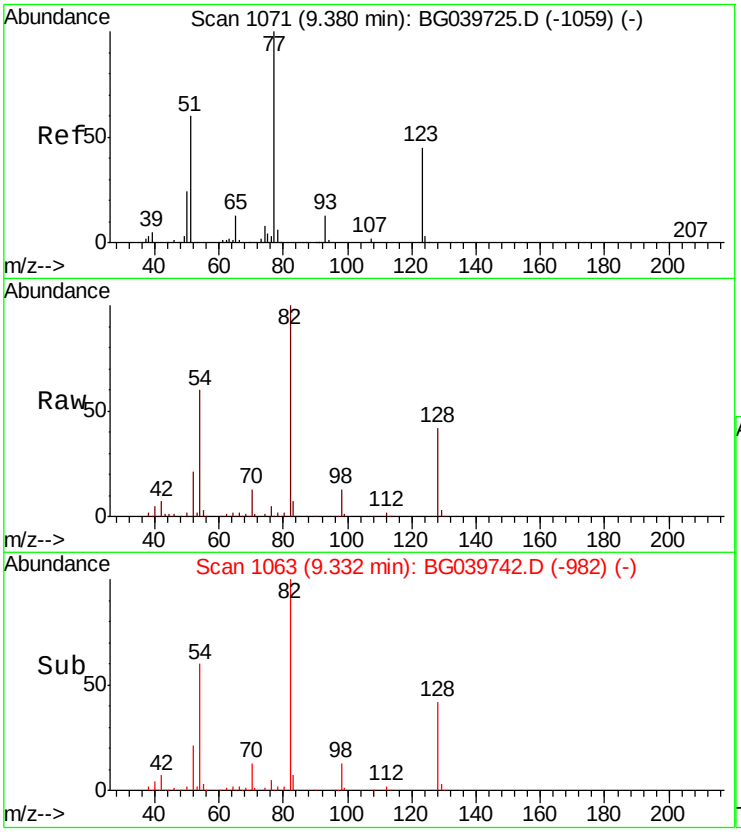


#23
Nitrobenzene-d5
Concen: 63.909 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion: 82 Resp: 204922

Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.3	46.9
54	59.7	50.9	76.3



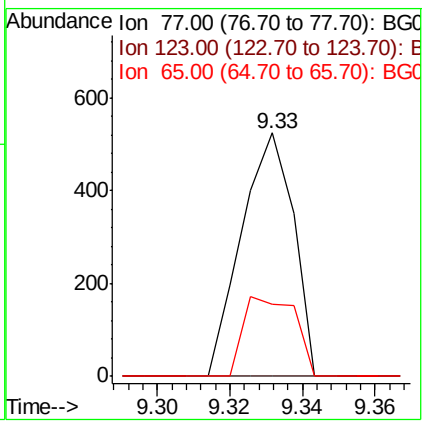


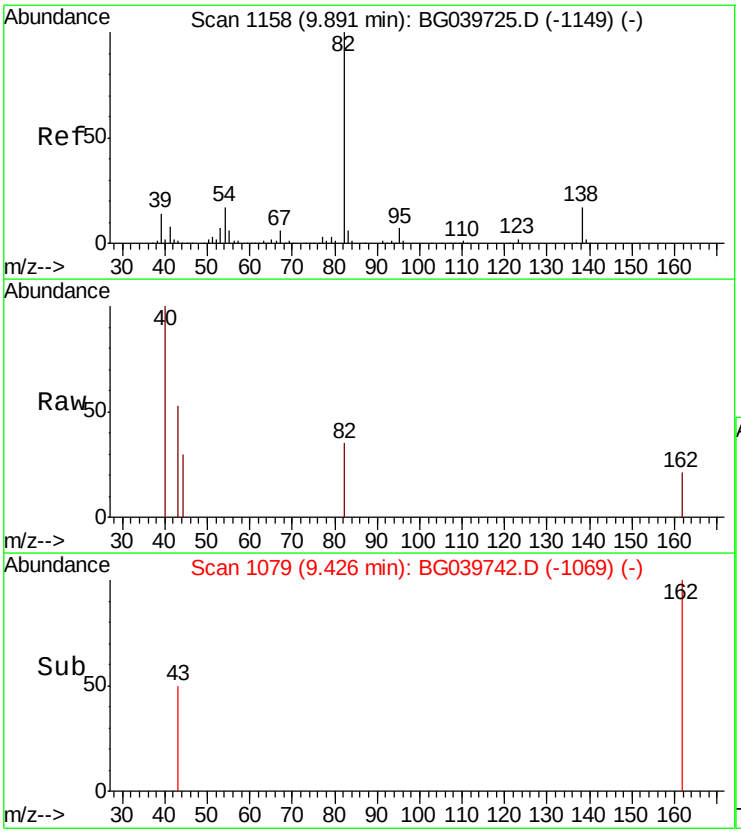
#24
Nitrobenzene
Concen: 0.154 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.05 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion: 77 Resp: 519

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	29.4	12.3	18.5#

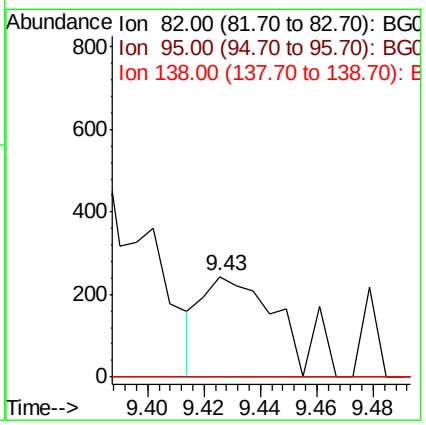


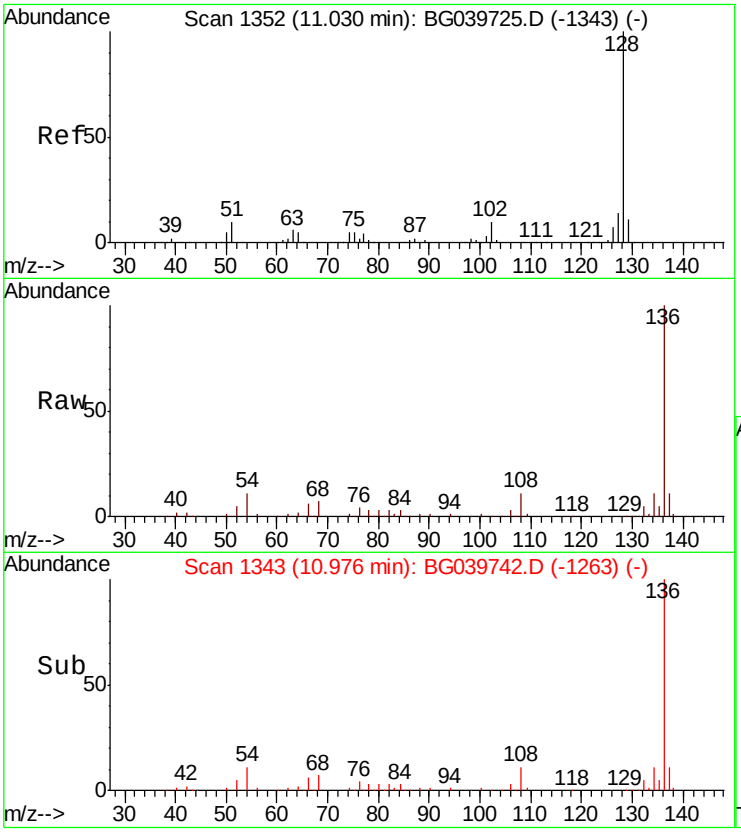


#25
Isophorone
Concen: 0.071 ng
RT: 9.43 min Scan# 1079
Delta R.T. -0.47 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion: 82 Resp: 478

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	13.0	19.4#



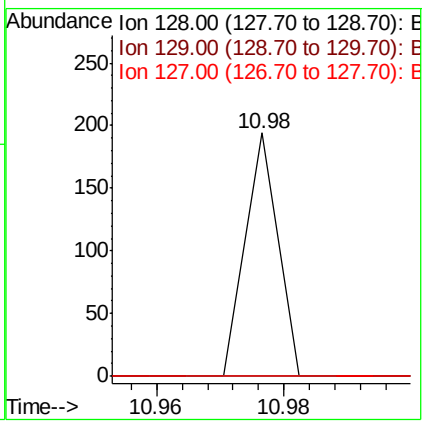


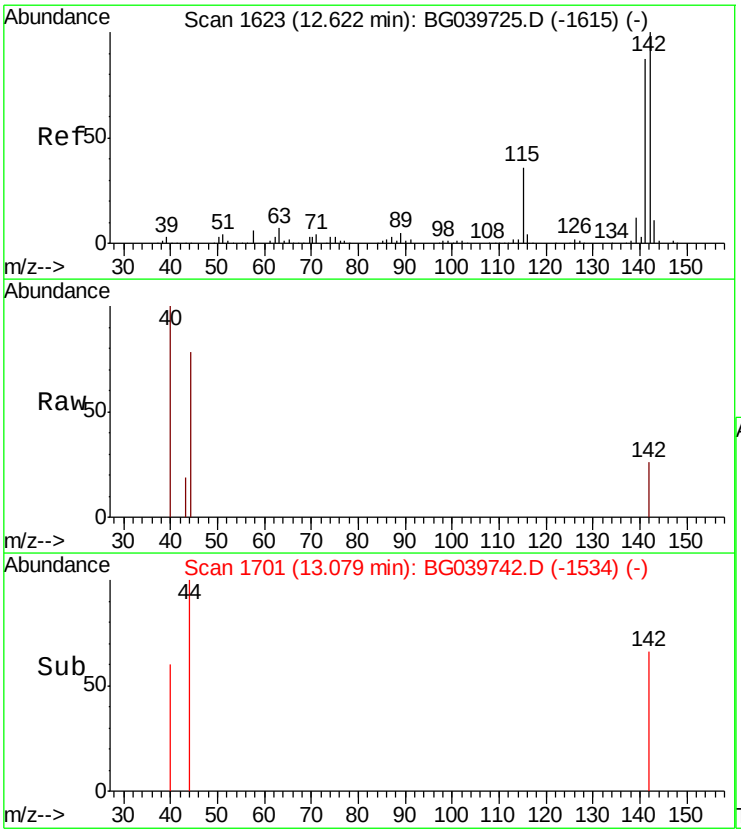
#31
Naphthalene
Concen: 0.007 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.06 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:128 Resp: 68

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	10.8	16.2#

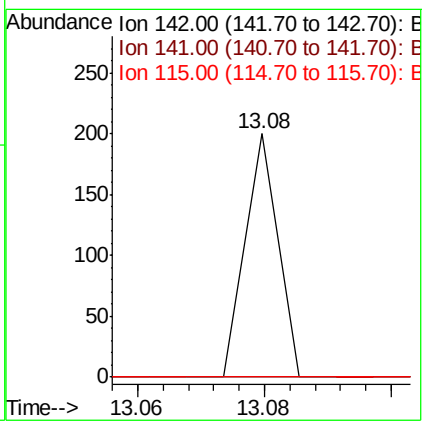


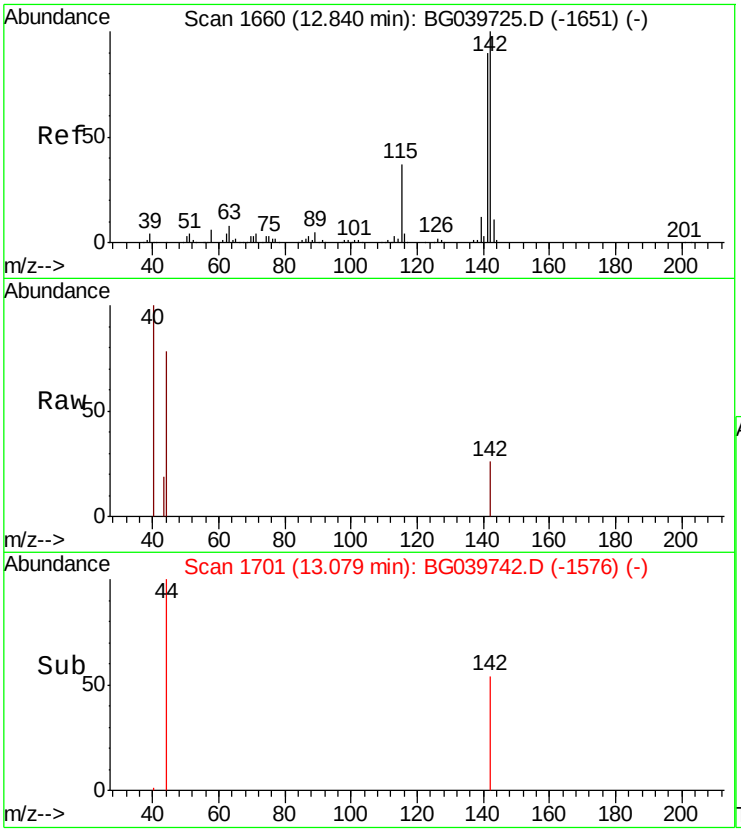


#37
2-Methylnaphthalene
Concen: 0.010 ng
RT: 13.08 min Scan# 1701
Delta R.T. 0.45 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:142 Resp: 71

Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.5	110.3#
115	0.0	30.8	46.2#



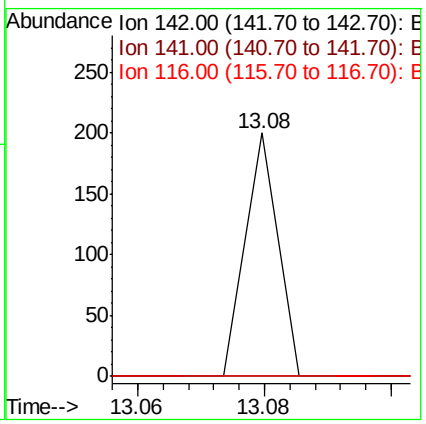


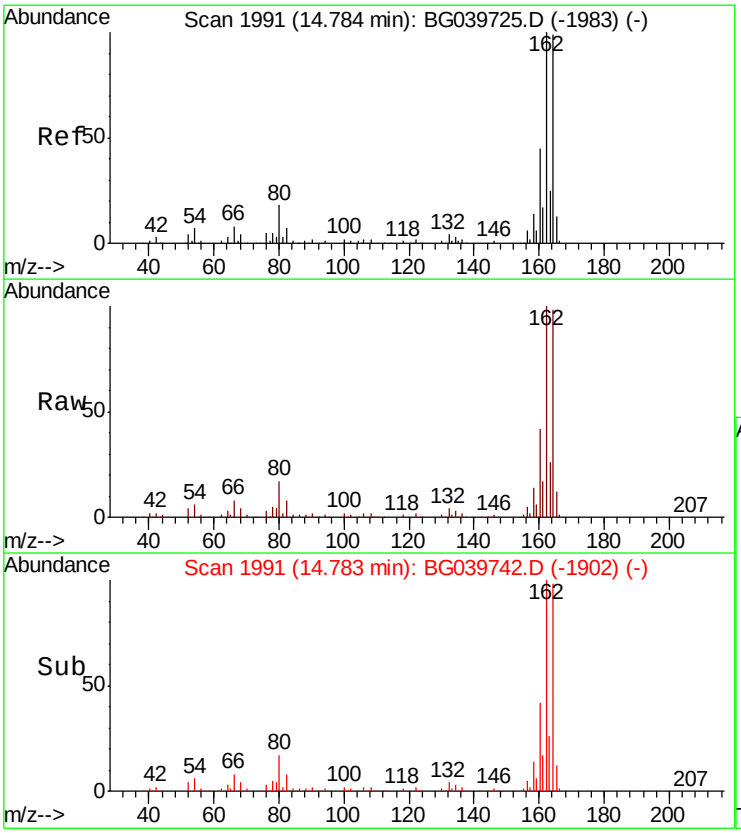
#38
1-Methylnaphthalene
Concen: 0.011 ng
RT: 13.08 min Scan# 1701
Delta R.T. 0.23 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:142 Resp: 71

Ion	Ratio	Lower	Upper
142	100		
141	0.0	74.2	111.4#
116	0.0	3.0	4.6#

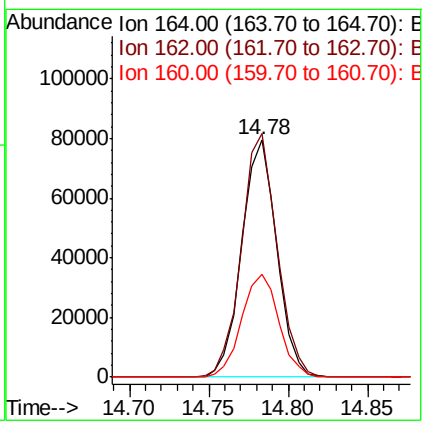


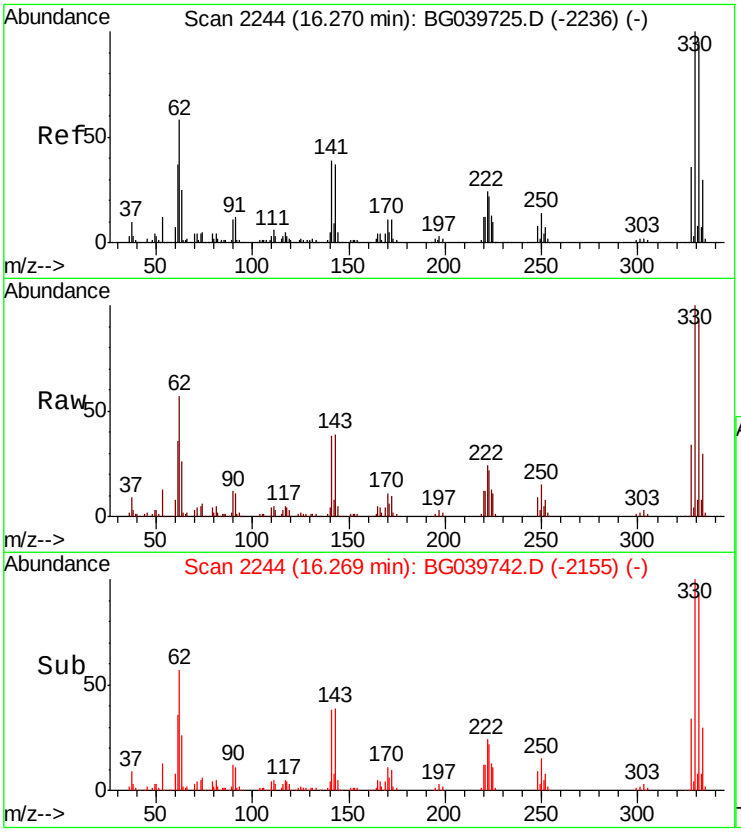


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:164 Resp: 121769

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.6	122.4
160	43.4	34.2	51.2



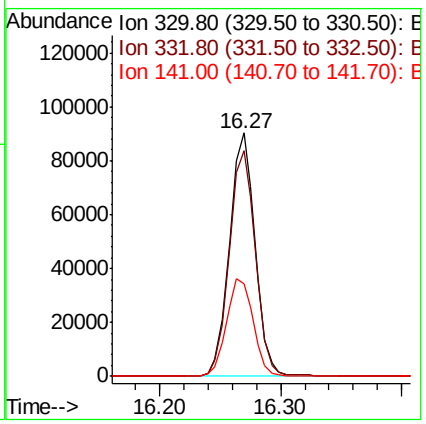


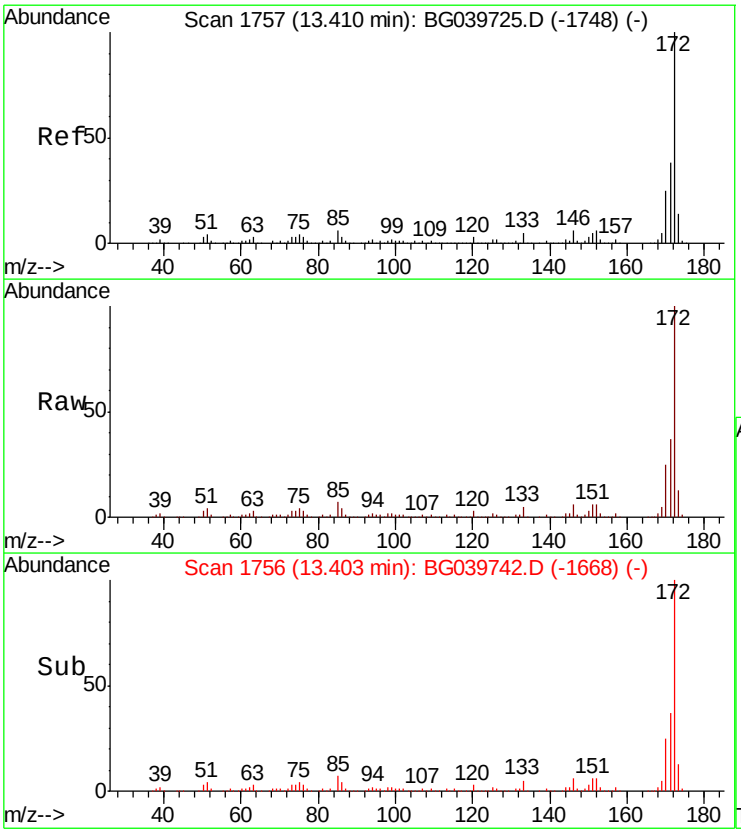
#42
2,4,6-Tribromophenol
Concen: 94.144 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:330 Resp: 133619

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	41.9	35.6	53.4

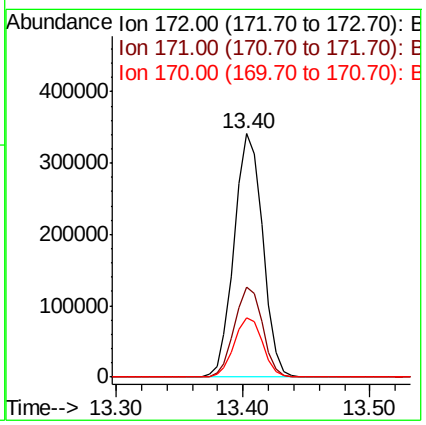


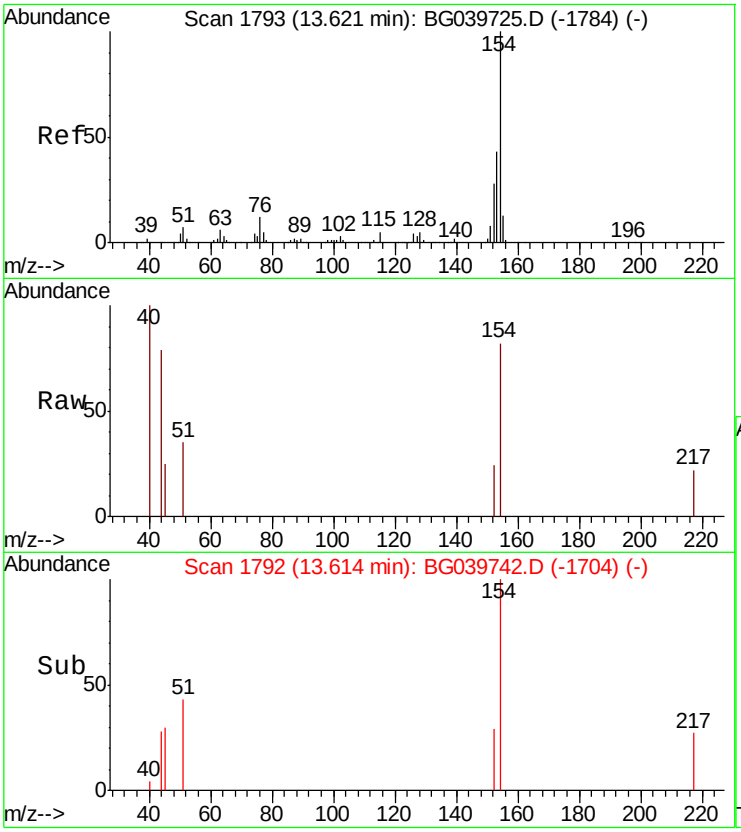


#45
2-Fluorobiphenyl
Concen: 62.091 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:172 Resp: 531016

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.6	20.2	30.4



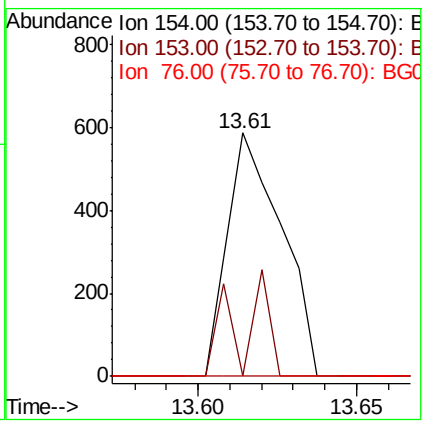


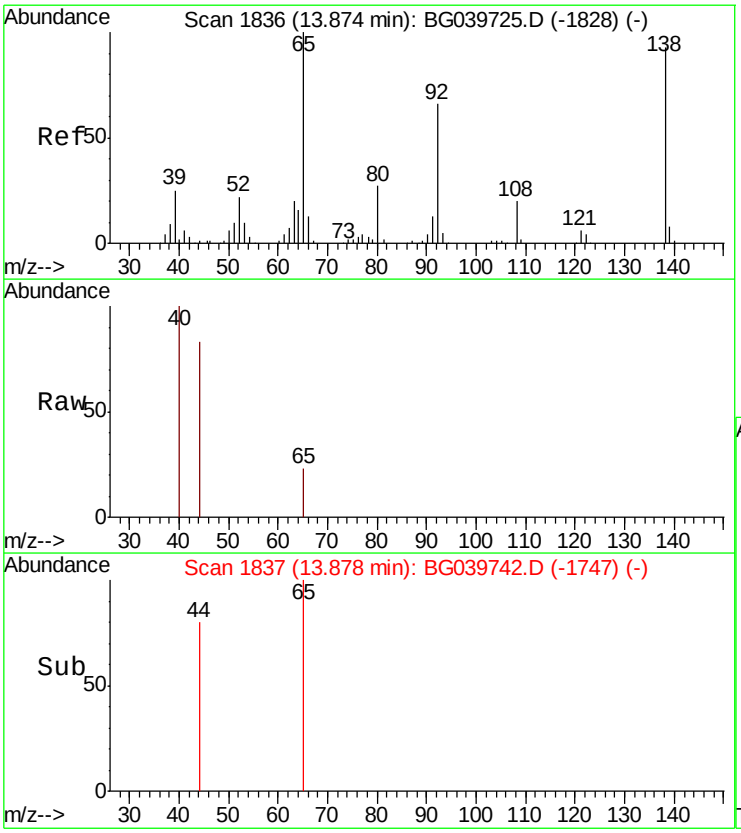
#46
1,1'-Biphenyl
Concen: 0.069 ng
RT: 13.61 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:154 Resp: 696

Ion	Ratio	Lower	Upper
154	100		
153	0.0	22.1	62.1#
76	0.0	0.0	32.4

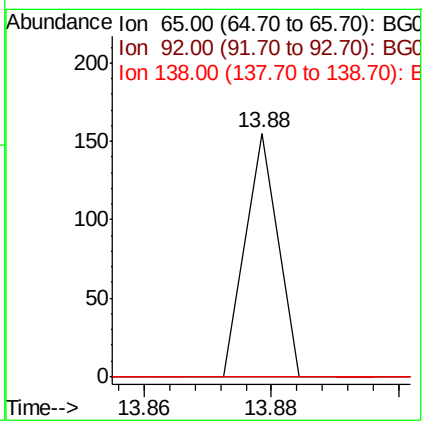


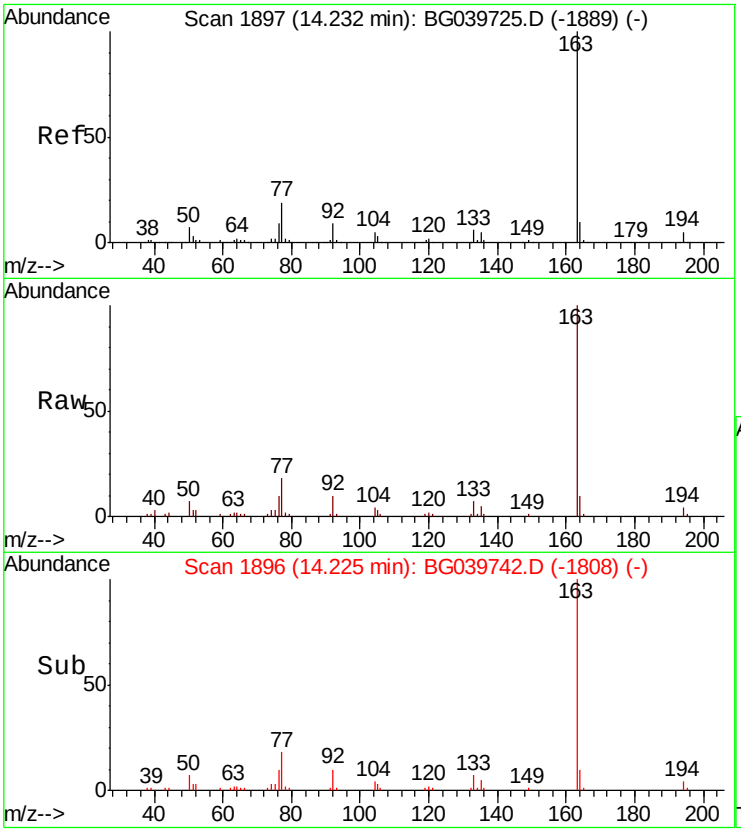


#48
2-Nitroaniline
Concen: 0.023 ng
RT: 13.88 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion: 65 Resp: 55

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



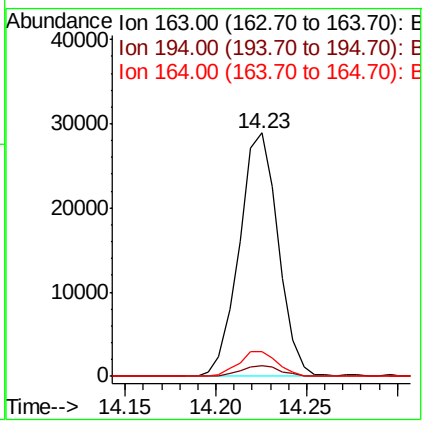


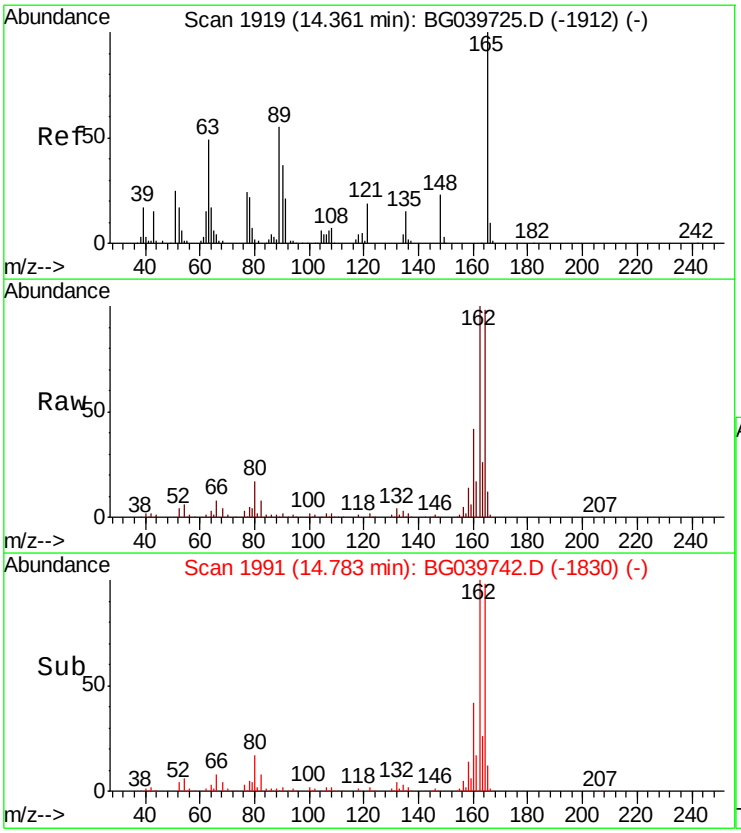
#50
Dimethylphthalate
Concen: 4.257 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:163 Resp: 43347

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	9.9	8.4	12.6

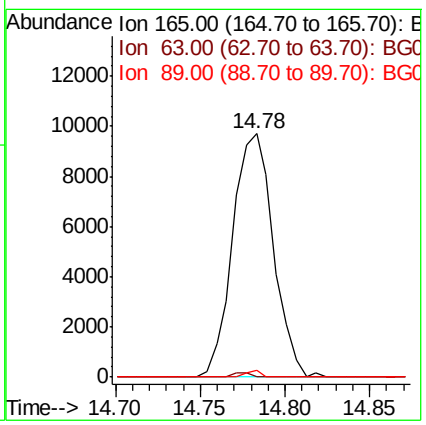


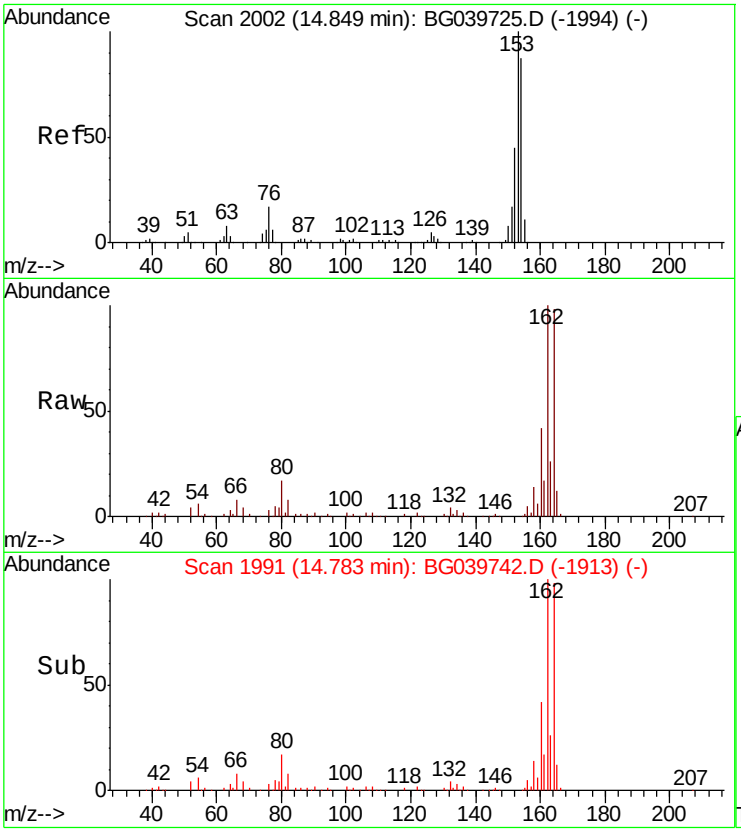


#51
2,6-Dinitrotoluene
Concen: 7.501 ng
RT: 14.78 min Scan# 1991
Delta R.T. 0.42 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:165 Resp: 16192

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	2.7	45.8	68.8#



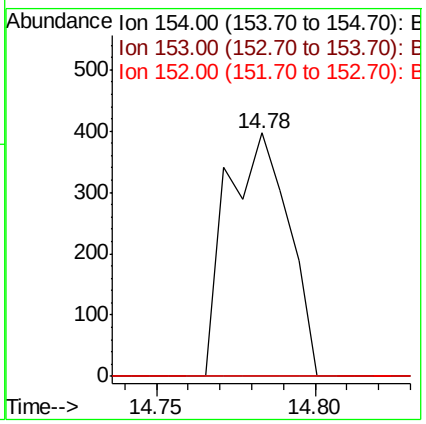


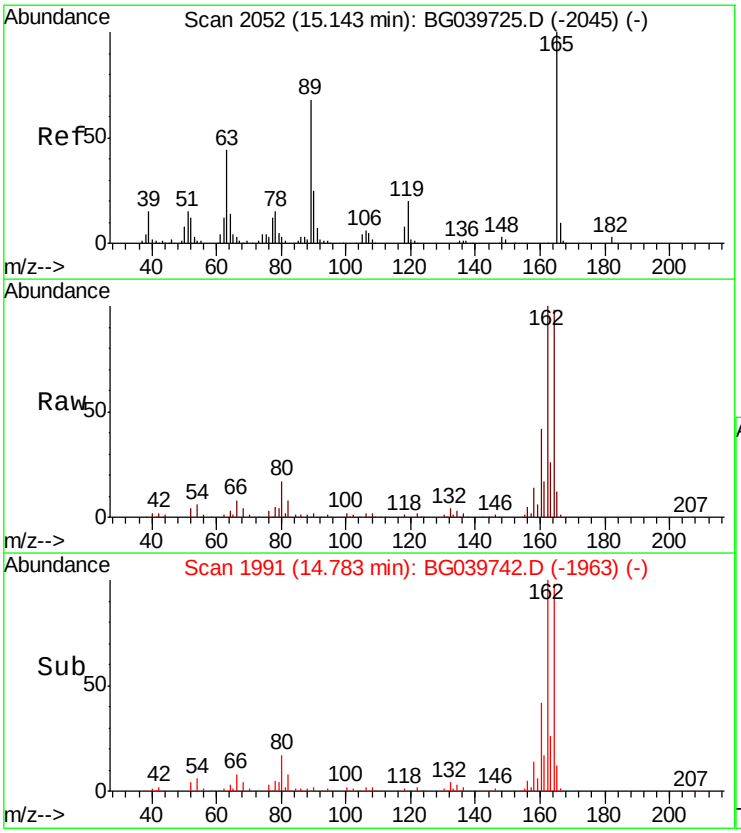
#52
Acenaphthene
Concen: 0.072 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.07 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:154 Resp: 535

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	40.9	61.3#

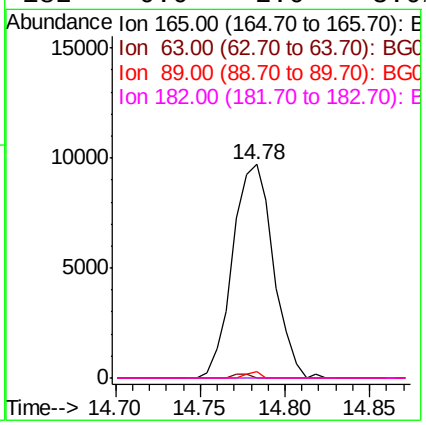


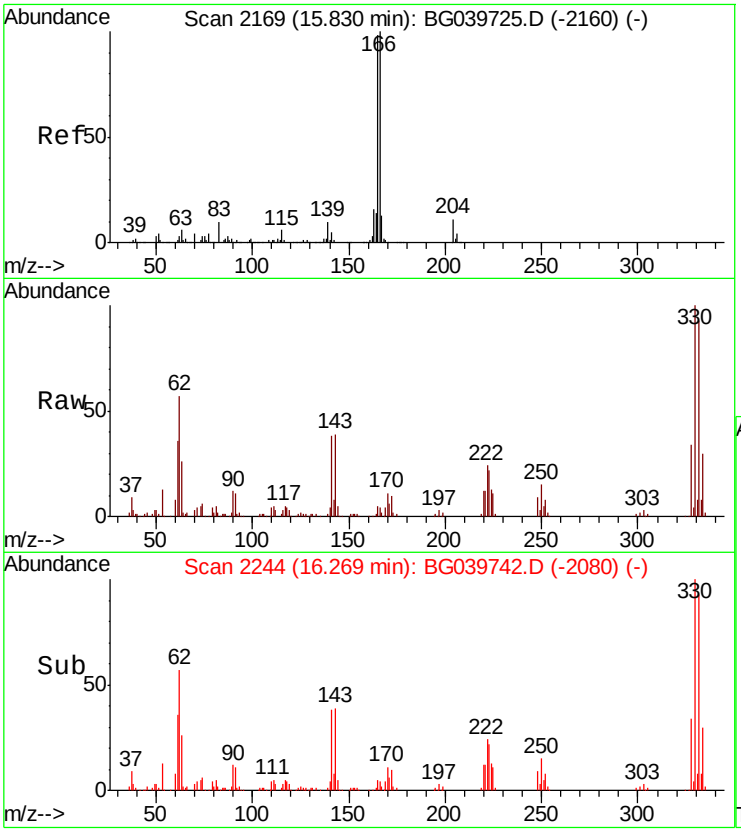


#57
2,4-Dinitrotoluene
Concen: 5.339 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.37 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:165 Resp: 16192

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	2.7	64.6	96.8#
182	0.0	2.0	3.0#



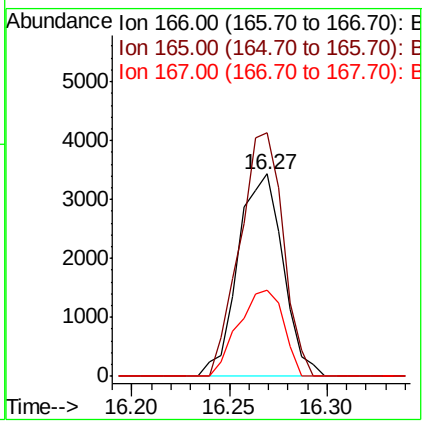


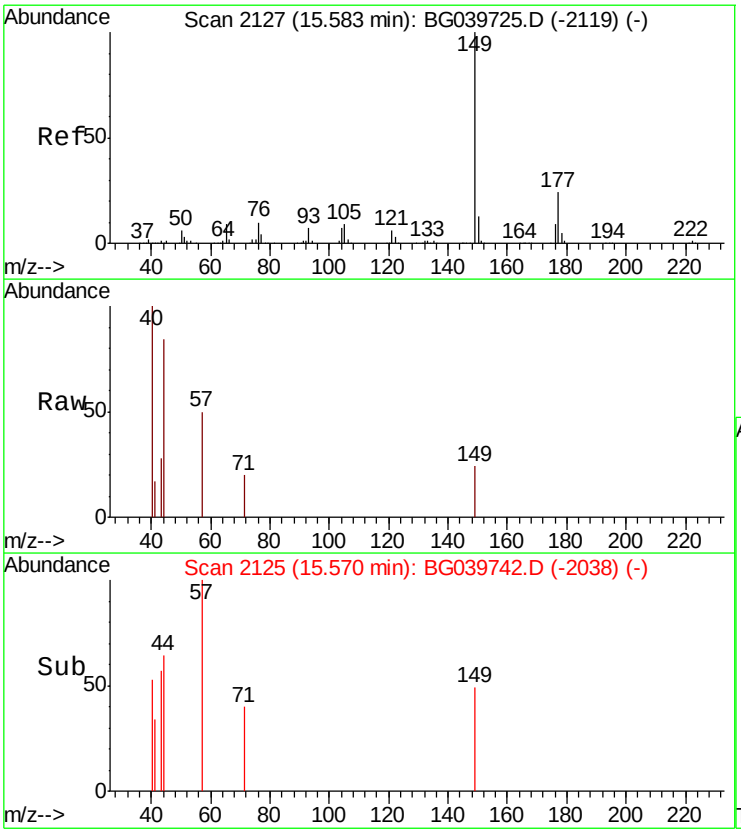
#58
Fluorene
Concen: 0.572 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.43 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:166 Resp: 5489

Ion	Ratio	Lower	Upper
166	100		
165	120.3	77.9	116.9#
167	42.7	10.8	16.2#

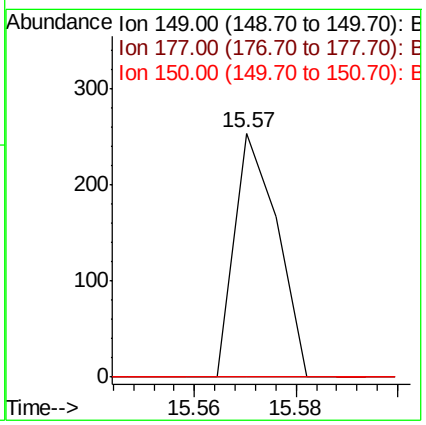


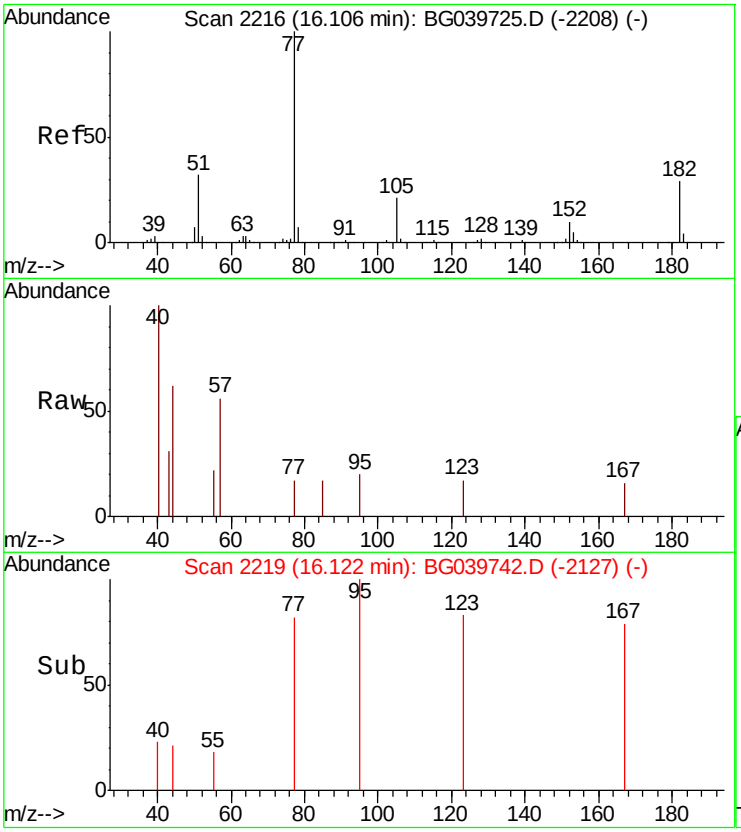


#60
Diethylphthalate
Concen: 0.015 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:149 Resp: 148

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	10.2	15.2#



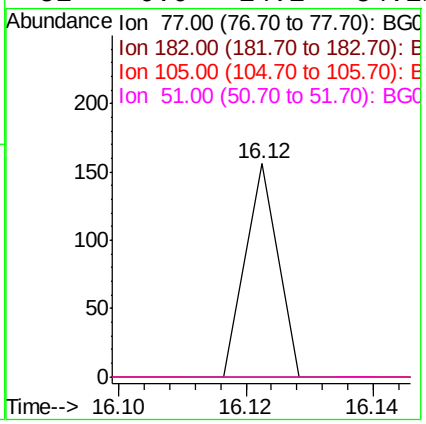


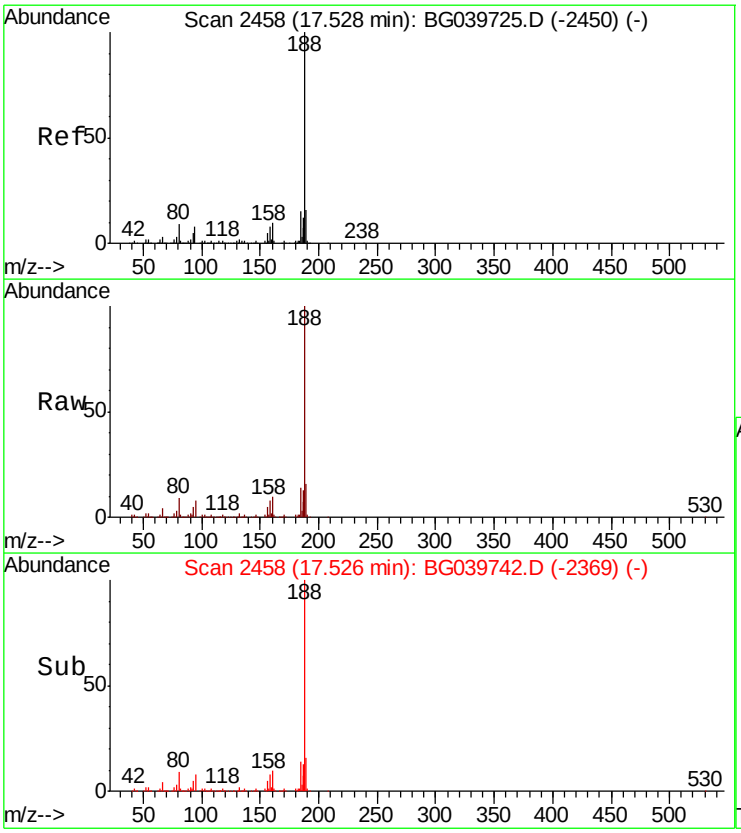
#63
Azobenzene
Concen: 0.006 ng
RT: 16.12 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion: 77 Resp: 55

Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.4	46.4#
105	0.0	0.0	39.8
51	0.0	14.1	54.1#

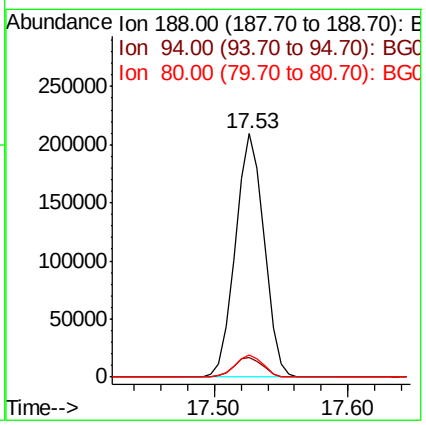


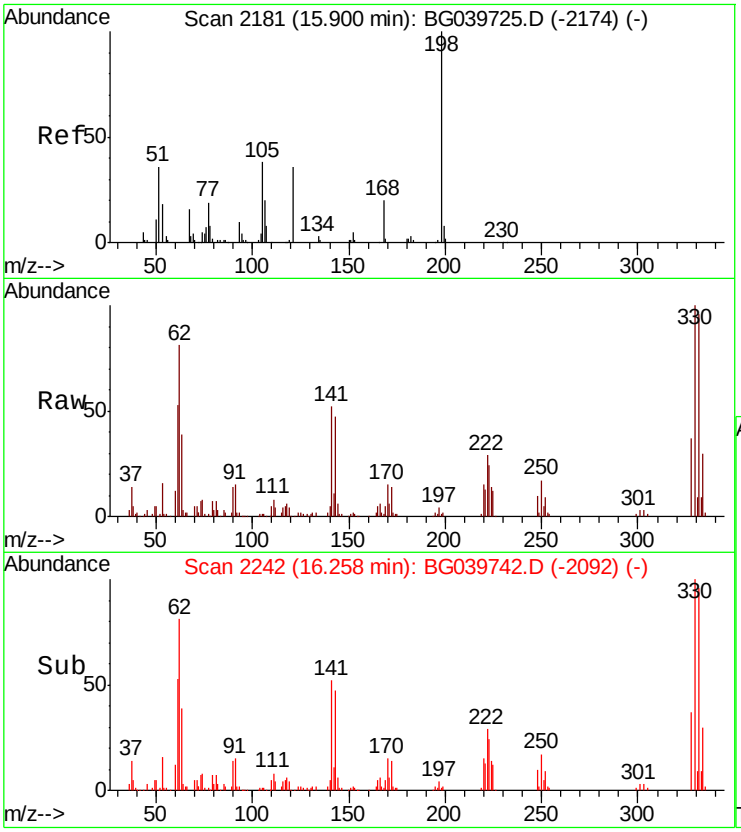


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:188 Resp: 312109

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.1	8.1	12.1



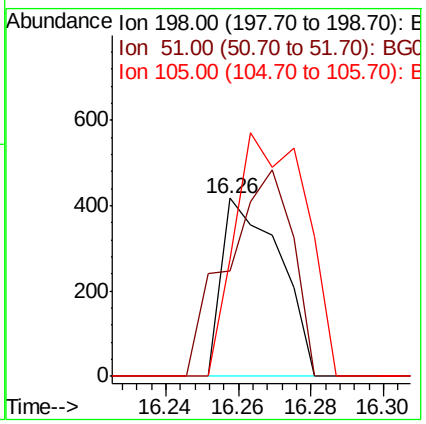


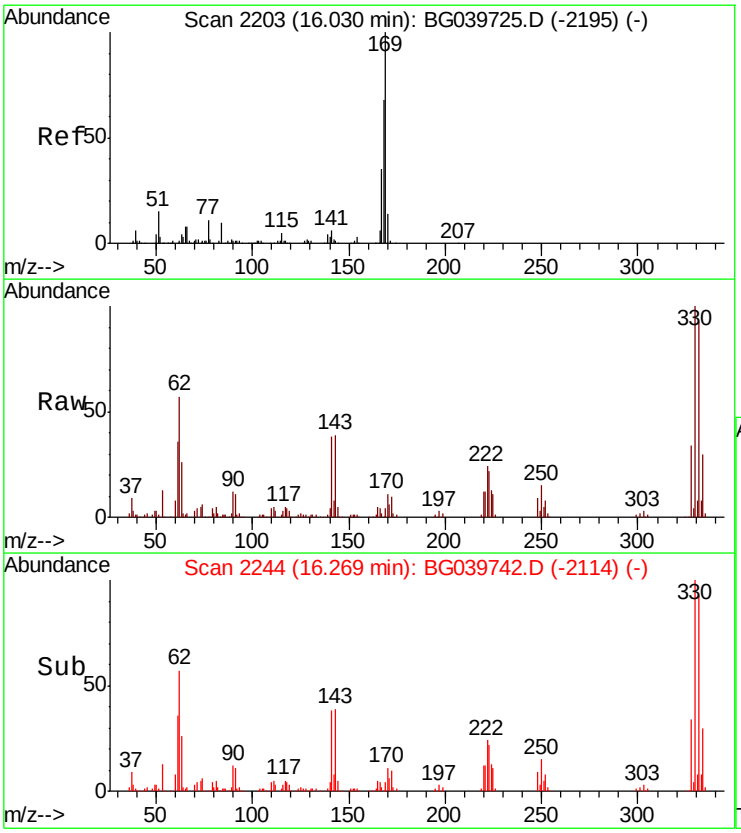
#65
4,6-Dinitro-2-methylphenol
Concen: 0.250 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.35 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:198 Resp: 462

Ion	Ratio	Lower	Upper
198	100		
51	59.3	27.4	67.4
105	65.6	19.7	59.7#

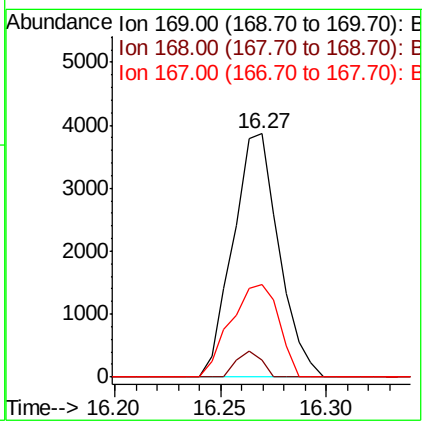


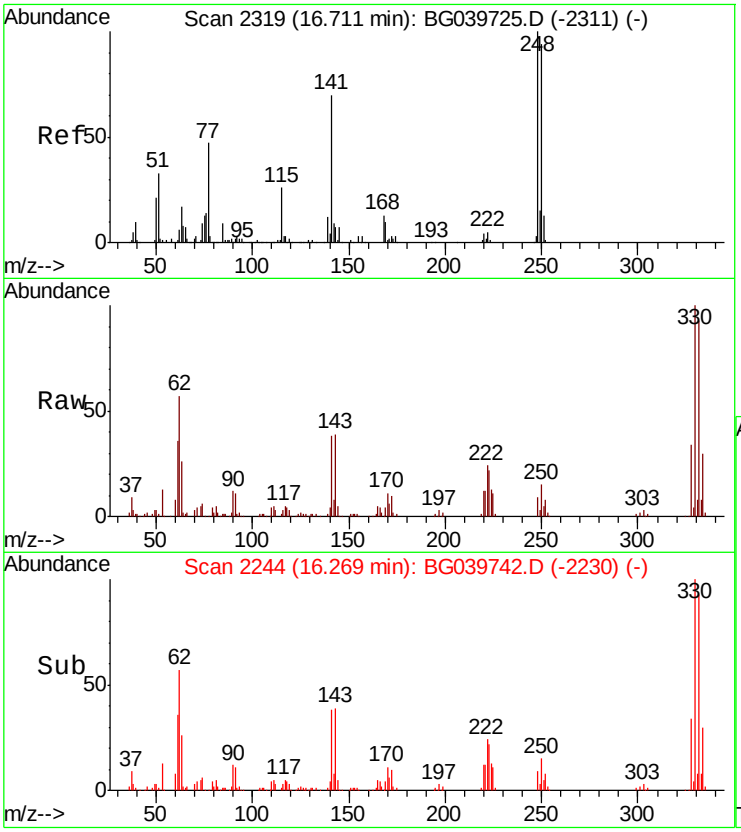


#66
n-Nitrosodiphenylamine
Concen: 0.644 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.23 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:169 Resp: 5815

Ion	Ratio	Lower	Upper
169	100		
168	6.9	56.6	85.0#
167	37.9	28.8	43.2



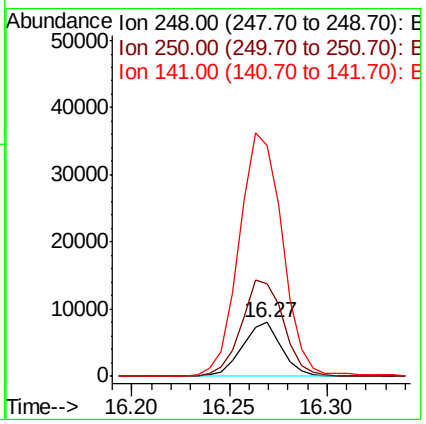


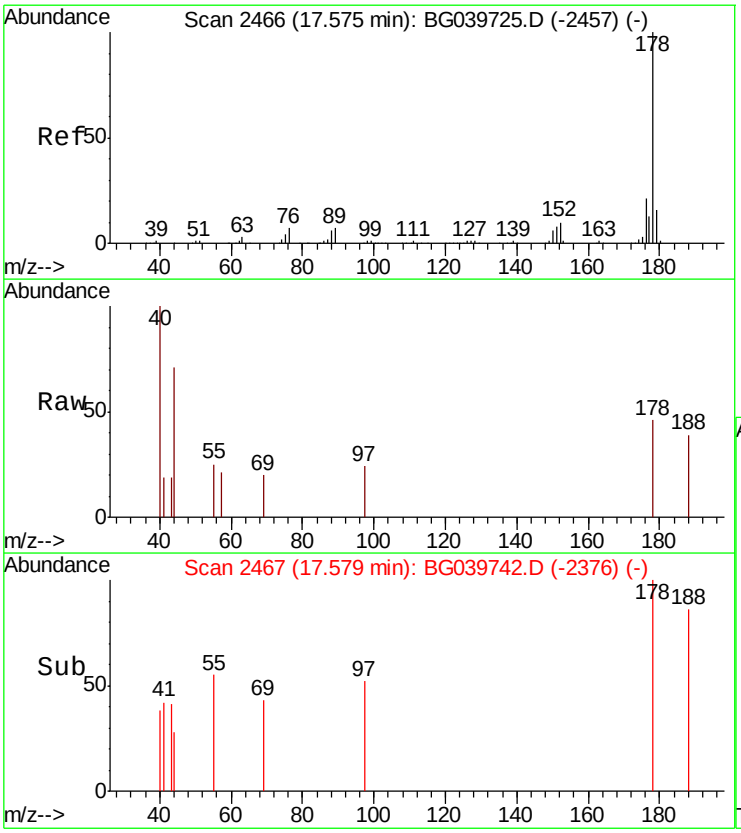
#67
4-Bromophenyl-phenylether
Concen: 3.192 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.45 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:248 Resp: 11151

Ion	Ratio	Lower	Upper
248	100		
250	172.0	77.6	116.4#
141	427.0	63.9	95.9#

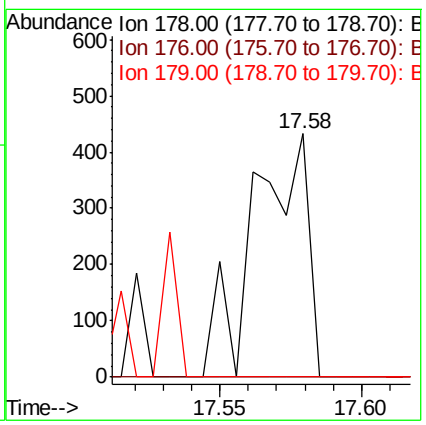


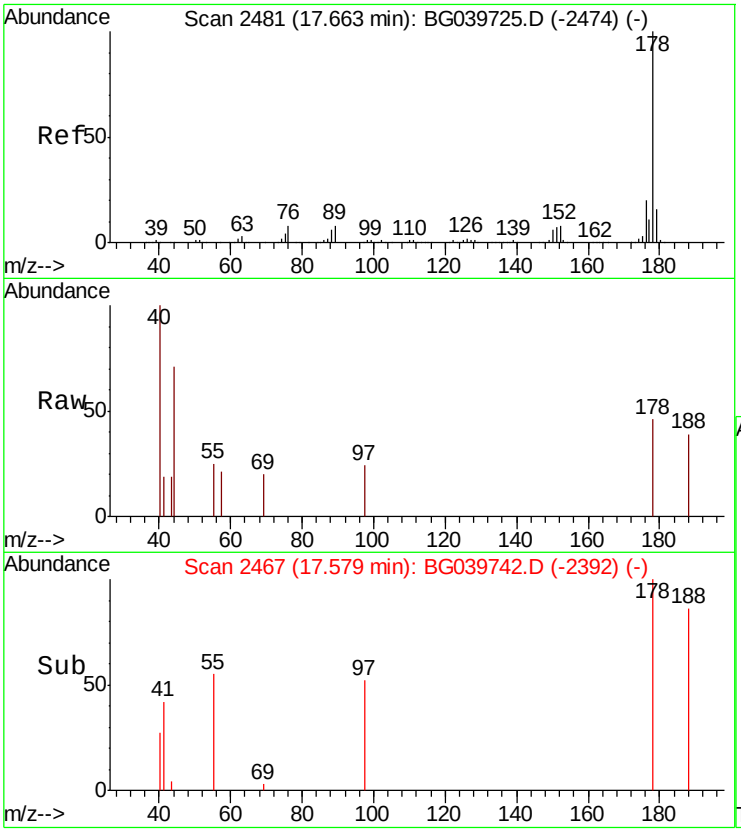


#71
Phenanthrene
Concen: 0.034 ng
RT: 17.58 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:178 Resp: 577

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



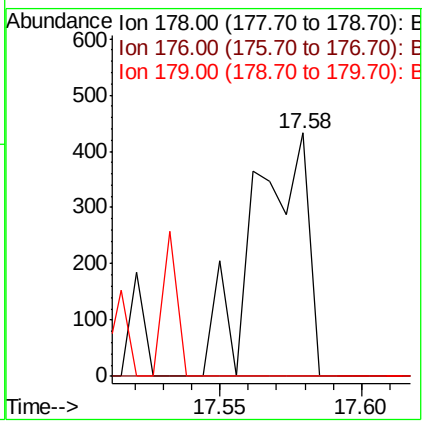


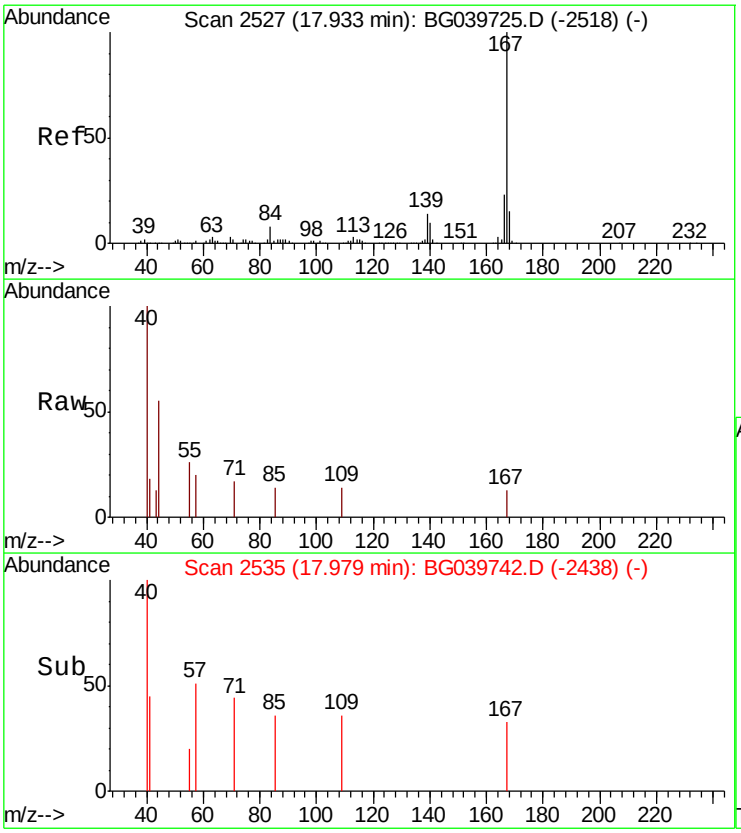
#72
Anthracene
Concen: 0.034 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.09 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:178 Resp: 577

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

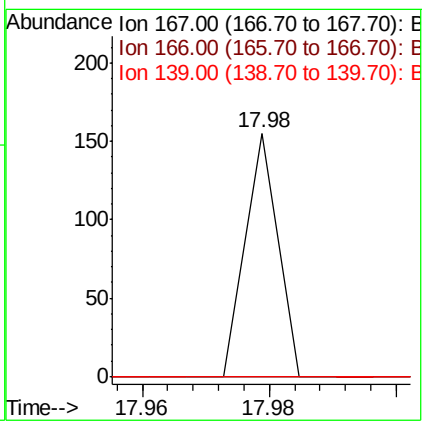


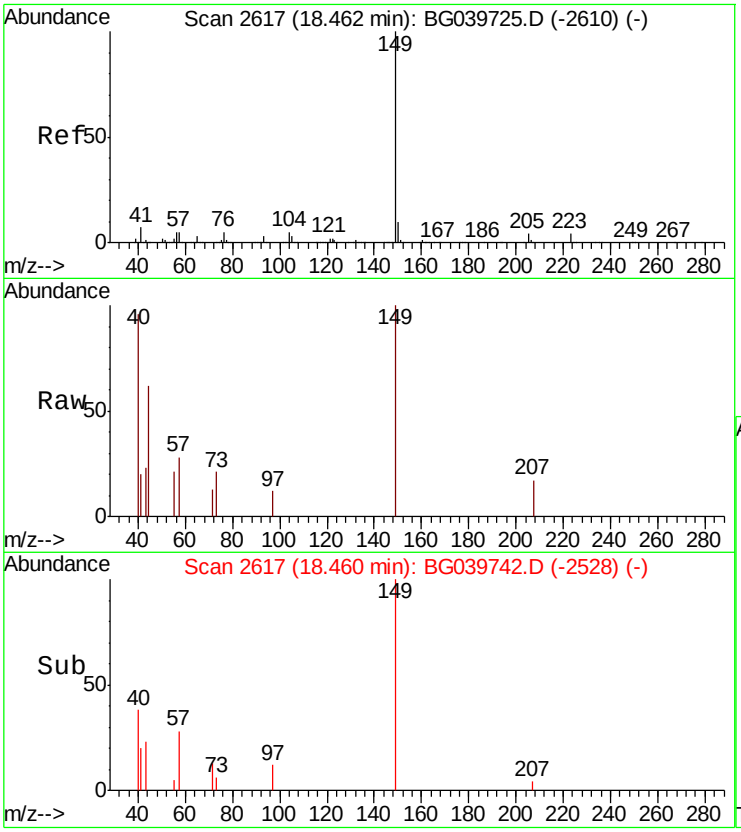


#73
Carbazole
Concen: 0.004 ng
RT: 17.98 min Scan# 2535
Delta R.T. 0.04 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:167 Resp: 55

Ion	Ratio	Lower	Upper
167	100		
166	0.0	19.4	29.2#
139	0.0	10.8	16.2#



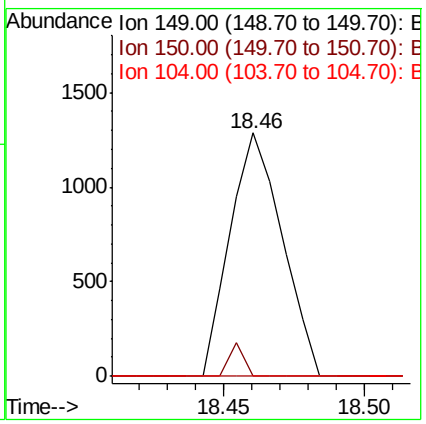


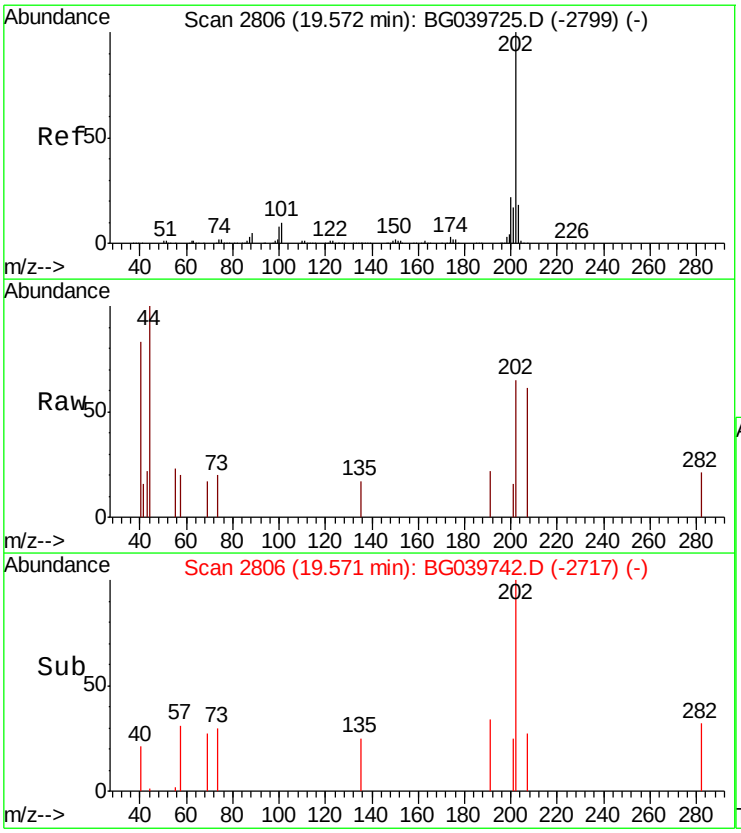
#74
Di-n-butylphthalate
Concen: 0.093 ng
RT: 18.46 min Scan# 2617
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:149 Resp: 1650

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

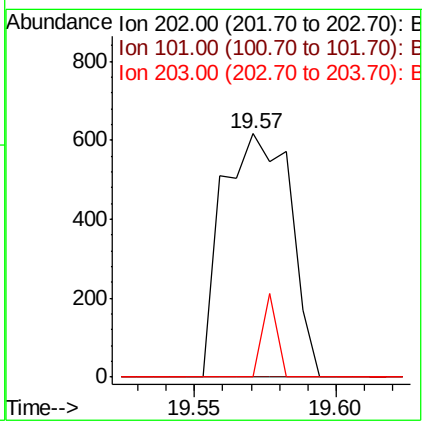


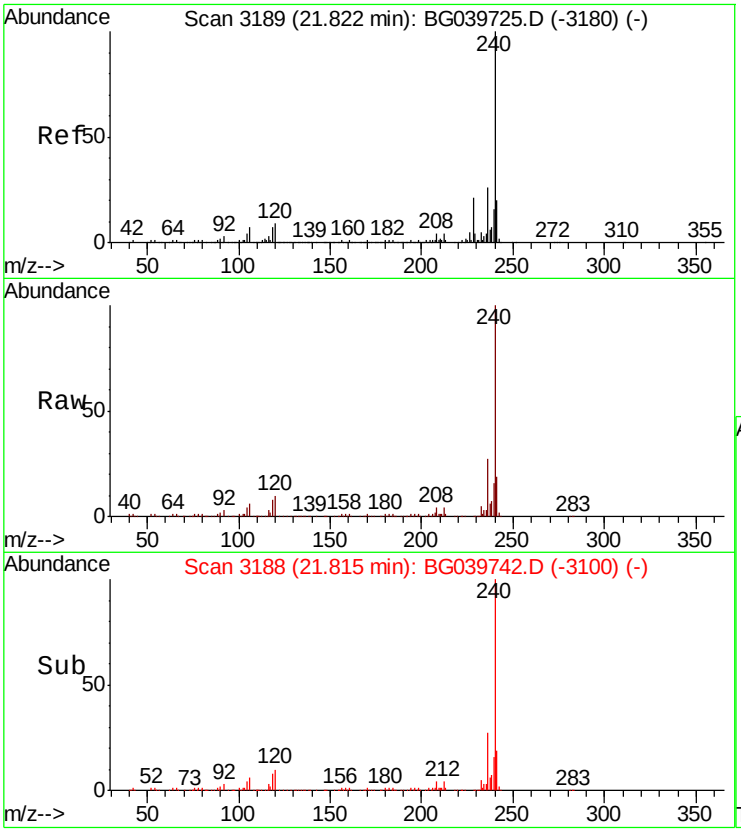


#75
Fluoranthene
Concen: 0.051 ng
RT: 19.57 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:202 Resp: 1029

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



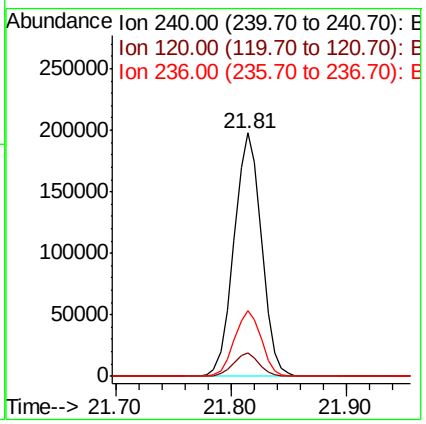


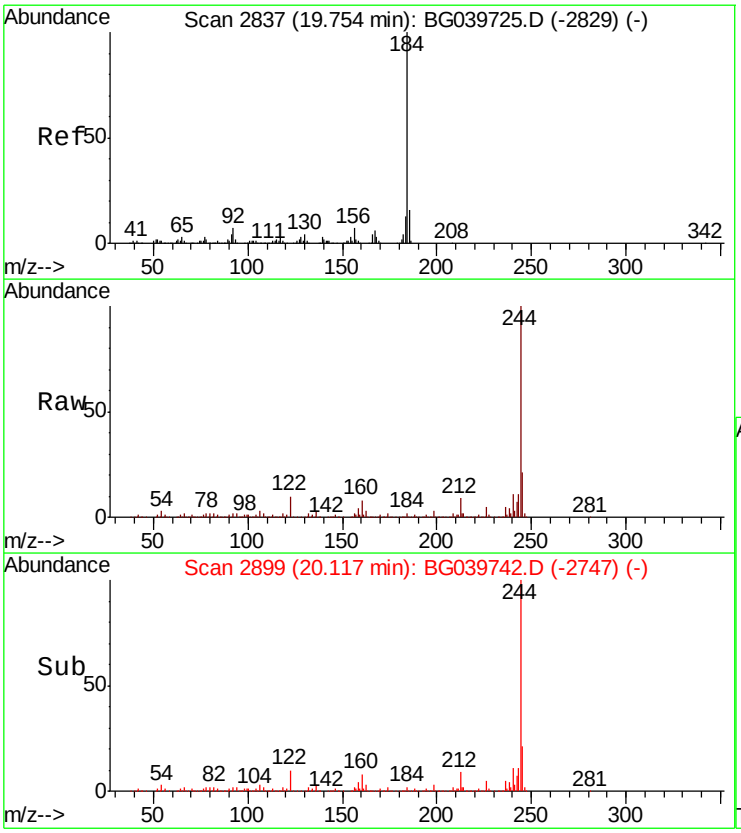
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:240 Resp: 325176

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.0	10.6
236	27.0	21.0	31.4

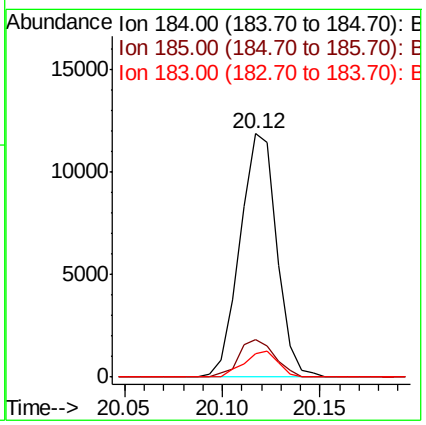


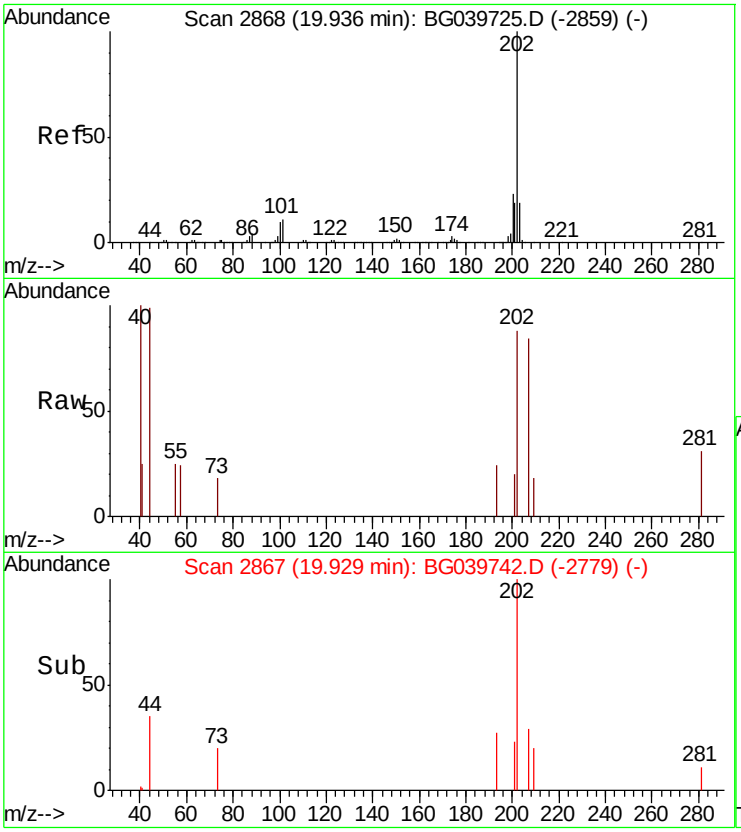


#77
Benzidine
Concen: 1.500 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:184 Resp: 15483

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.2
183	9.7	10.6	15.8#



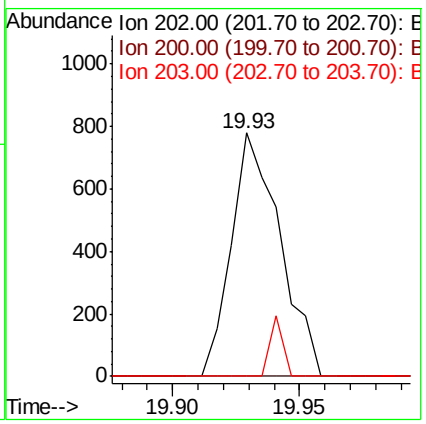


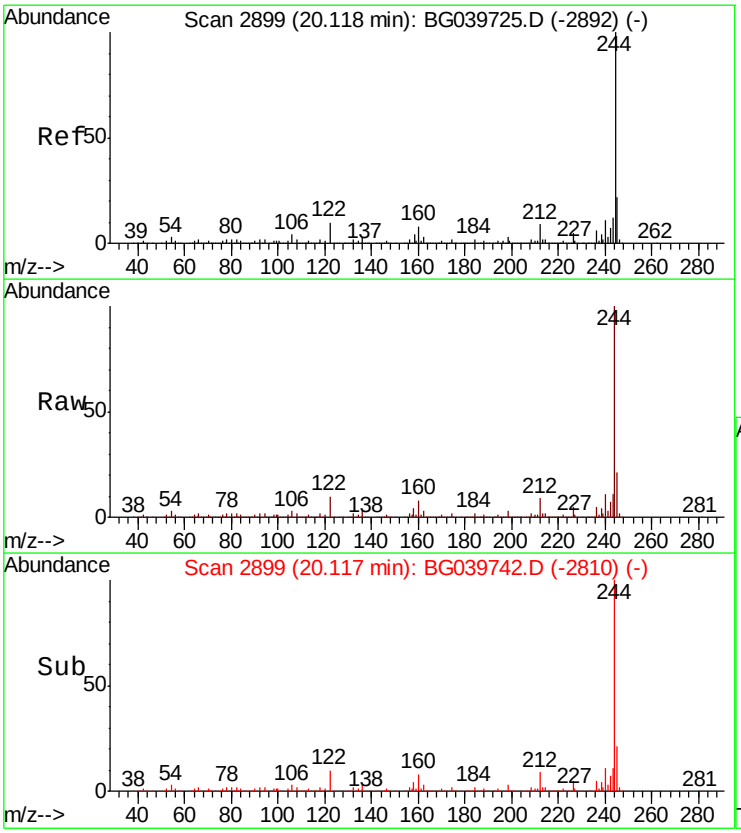
#78
Pyrene
Concen: 0.049 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:202 Resp: 1042

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.8	26.8#
203	0.0	15.3	22.9#

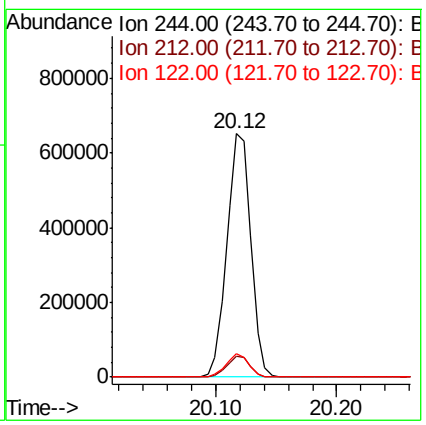


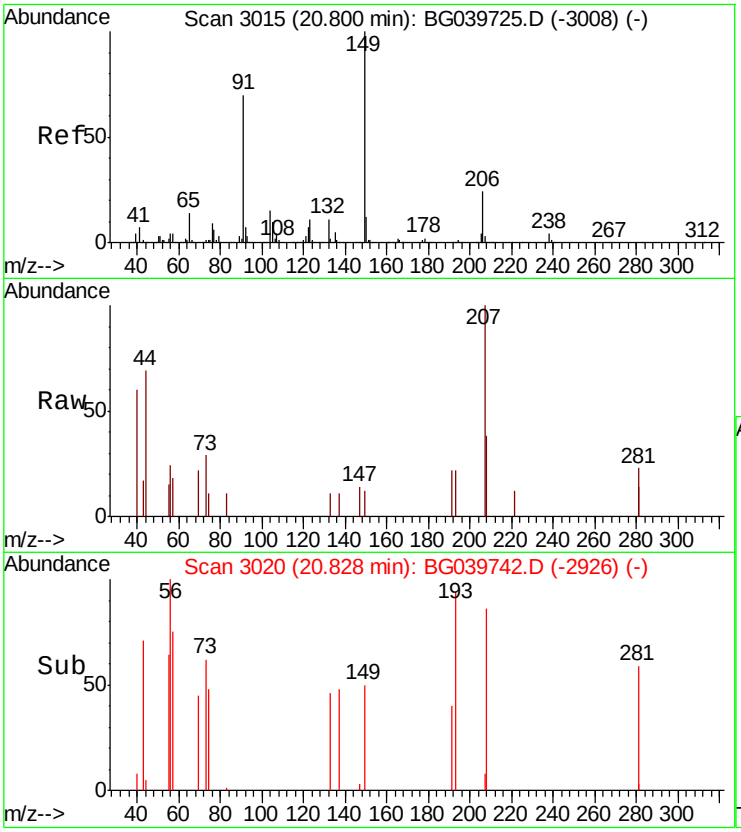


#79
Terphenyl-d14
Concen: 60.702 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:244 Resp: 896483

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.3	10.9
122	9.8	8.4	12.6



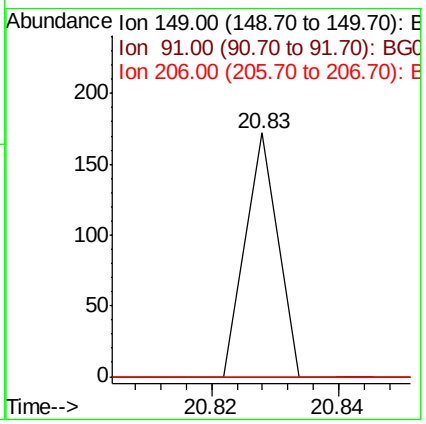


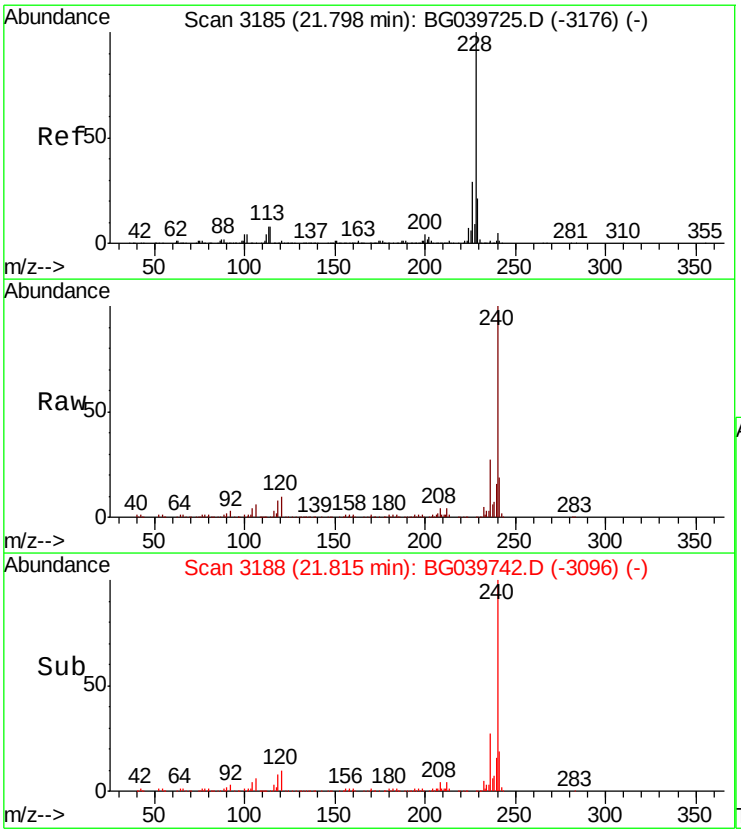
#80
Butylbenzylphthalate
Concen: 0.007 ng
RT: 20.83 min Scan# 3020
Delta R.T. 0.02 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:149 Resp: 61

Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#

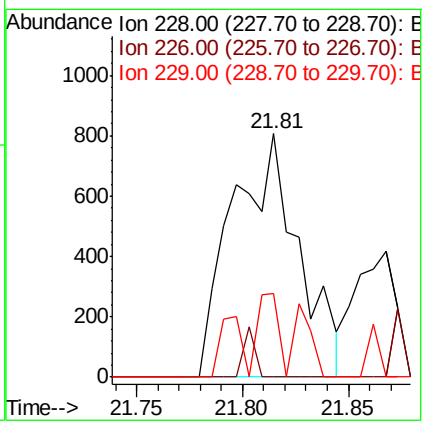


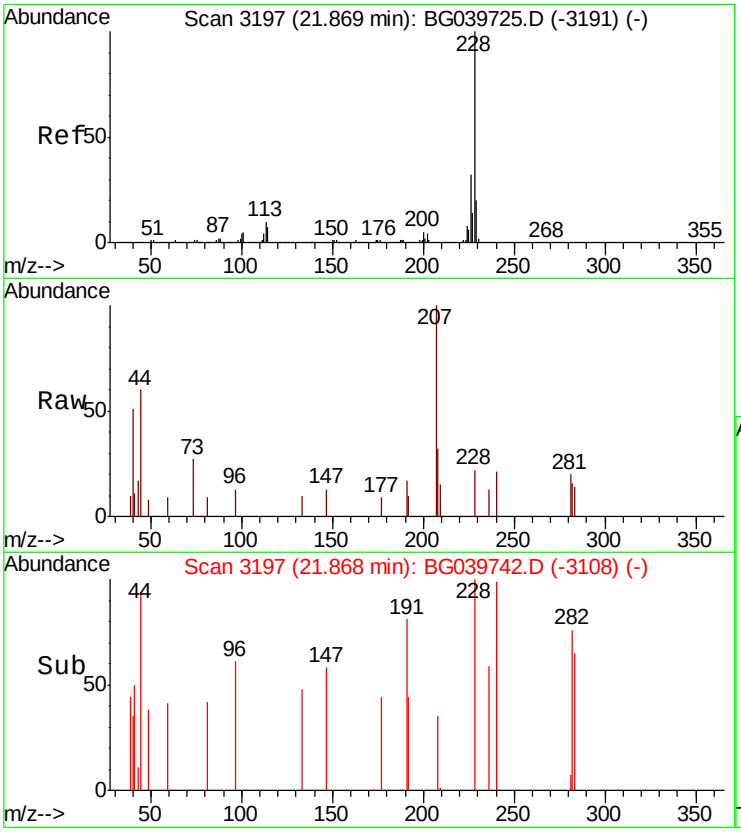


#81
Benzo(a)anthracene
Concen: 0.086 ng
RT: 21.81 min Scan# 3188
Delta R.T. 0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:228 Resp: 1761

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	34.3	16.9	25.3#



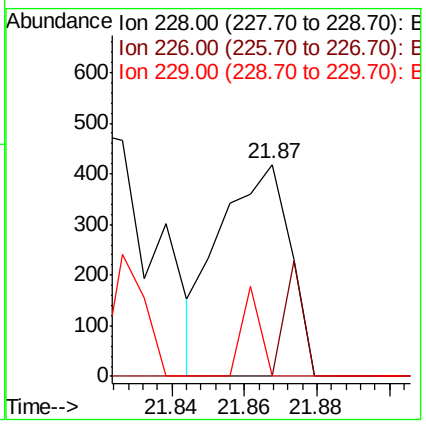


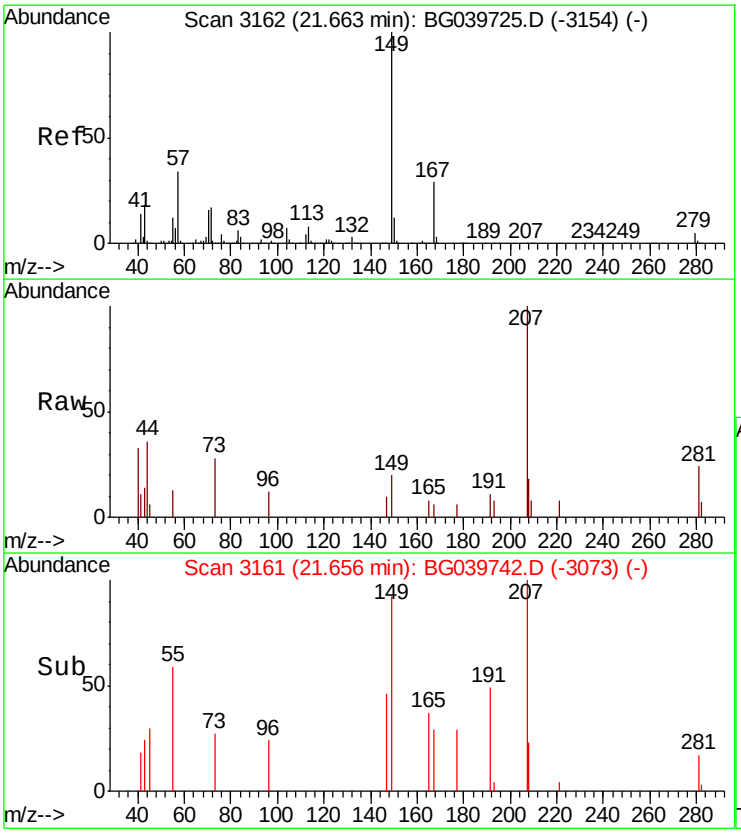
#83
Chrysene
Concen: 0.028 ng
RT: 21.87 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:228 Resp: 559

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.8	38.6#
229	0.0	16.6	25.0#

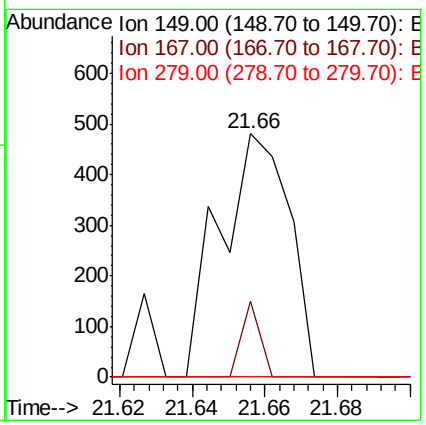


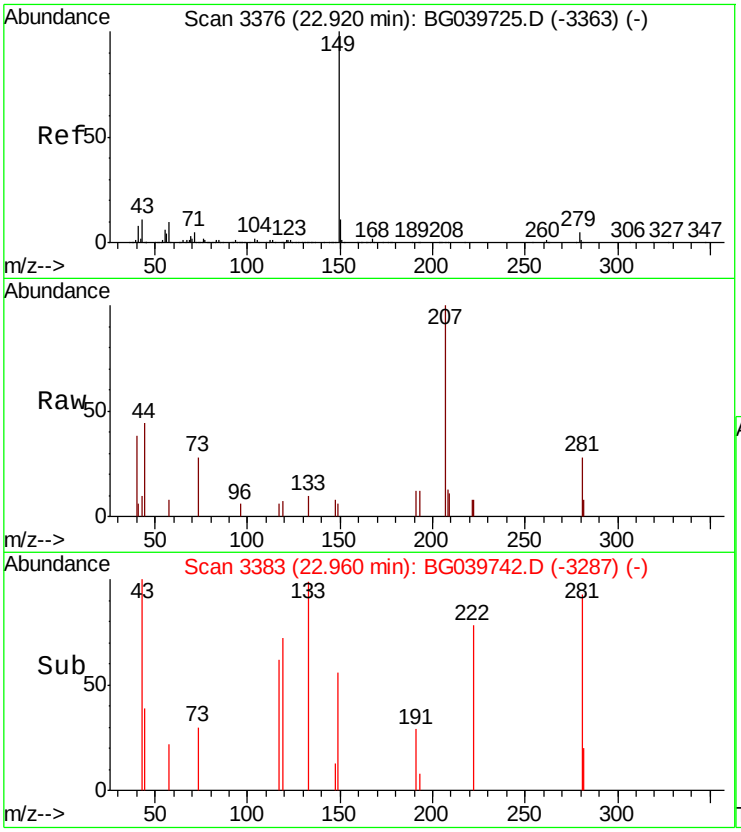


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.055 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:149 Resp: 636

Ion	Ratio	Lower	Upper
149	100		
167	31.2	22.6	34.0
279	0.0	3.5	5.3#



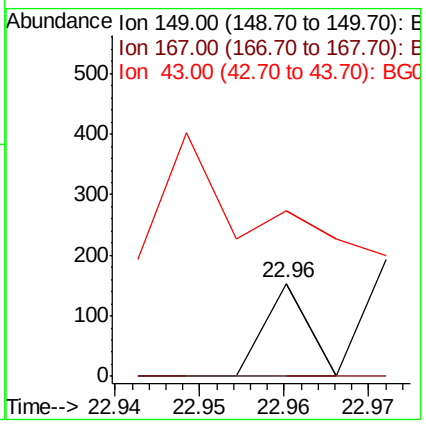


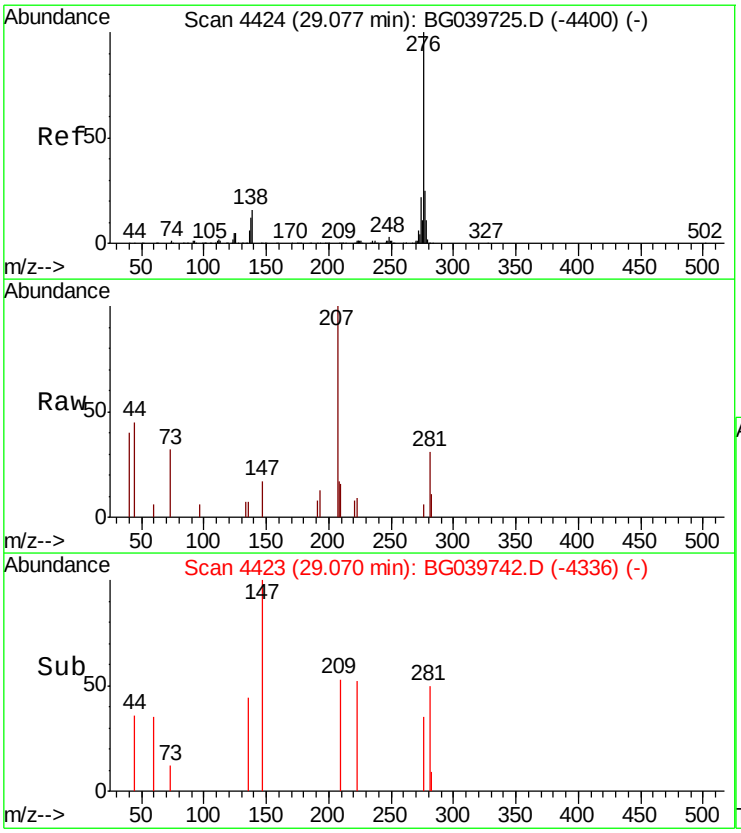
#85
Di-n-octyl phthalate
Concen: 0.003 ng
RT: 22.96 min Scan# 3383
Delta R.T. 0.03 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:149 Resp: 54

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	490.7	10.2	15.4#

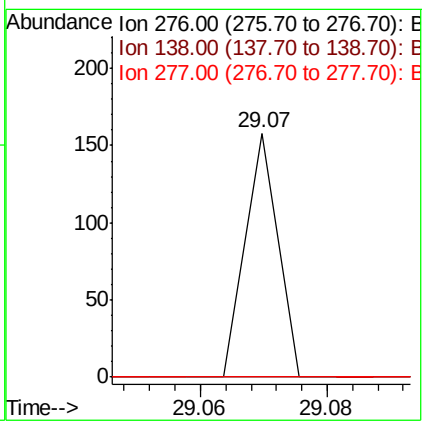


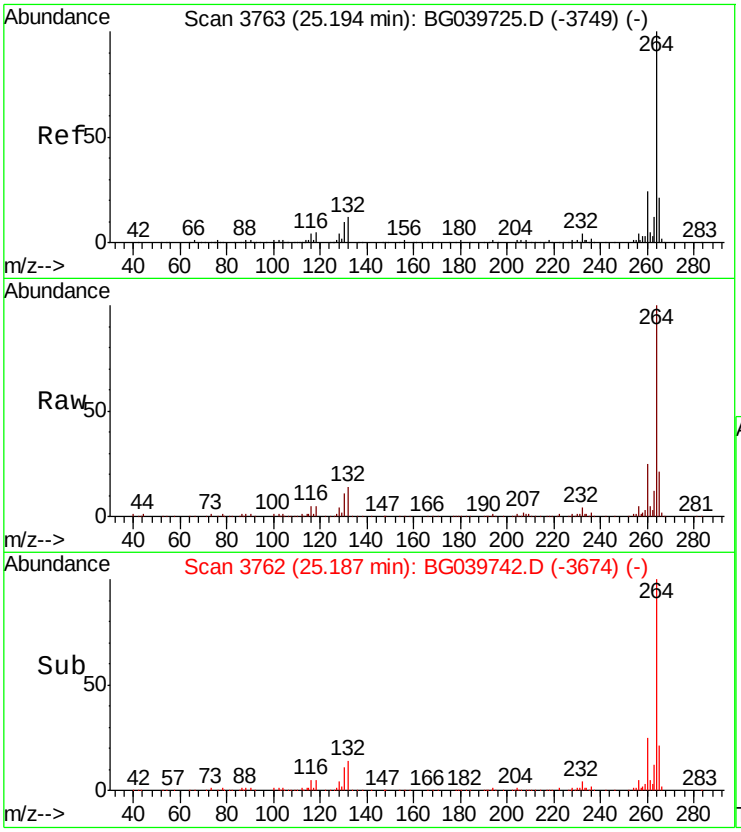


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:276 Resp: 56

Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.6	19.0#
277	0.0	20.8	31.2#



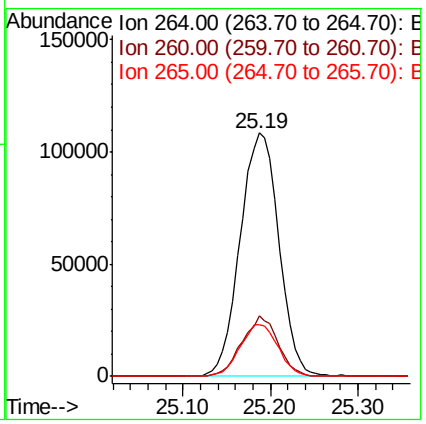


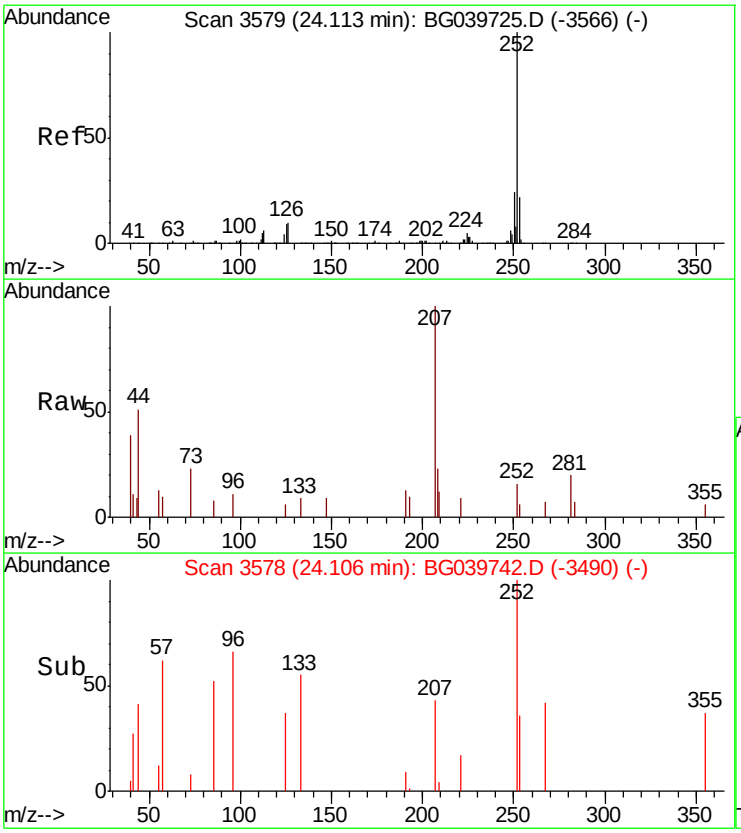
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:264 Resp: 326079

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	21.2	18.5	27.7

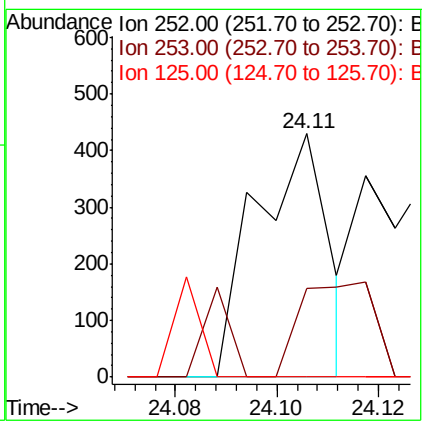


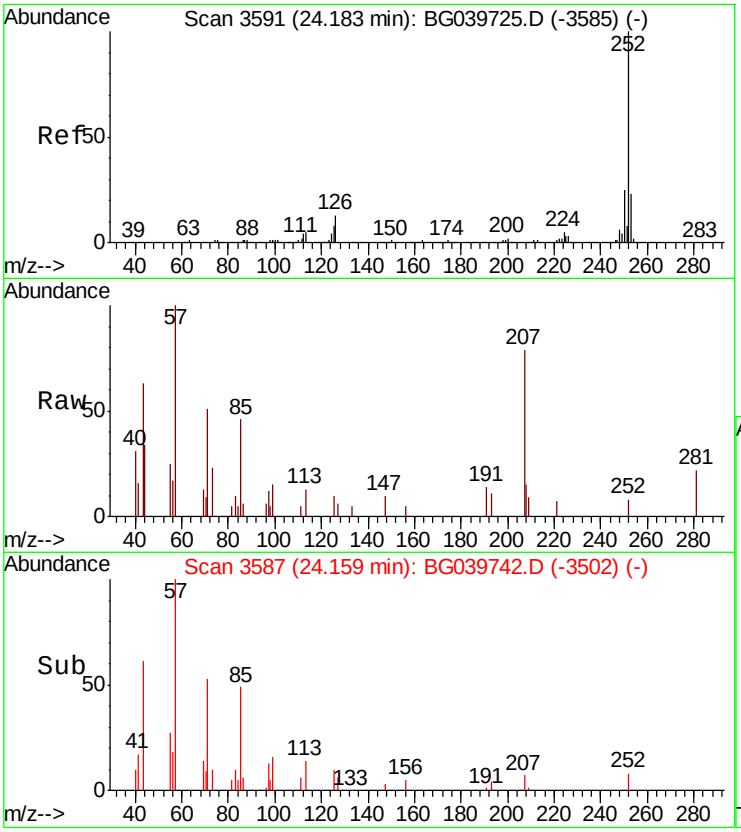


#88
Benzo(b)fluoranthene
Concen: 0.022 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:252 Resp: 428

Ion	Ratio	Lower	Upper
252	100		
253	36.3	17.8	26.8#
125	0.0	7.8	11.6#



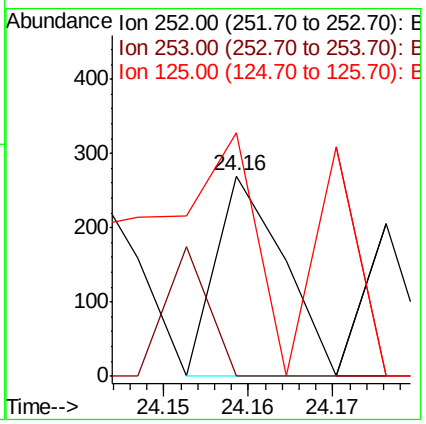


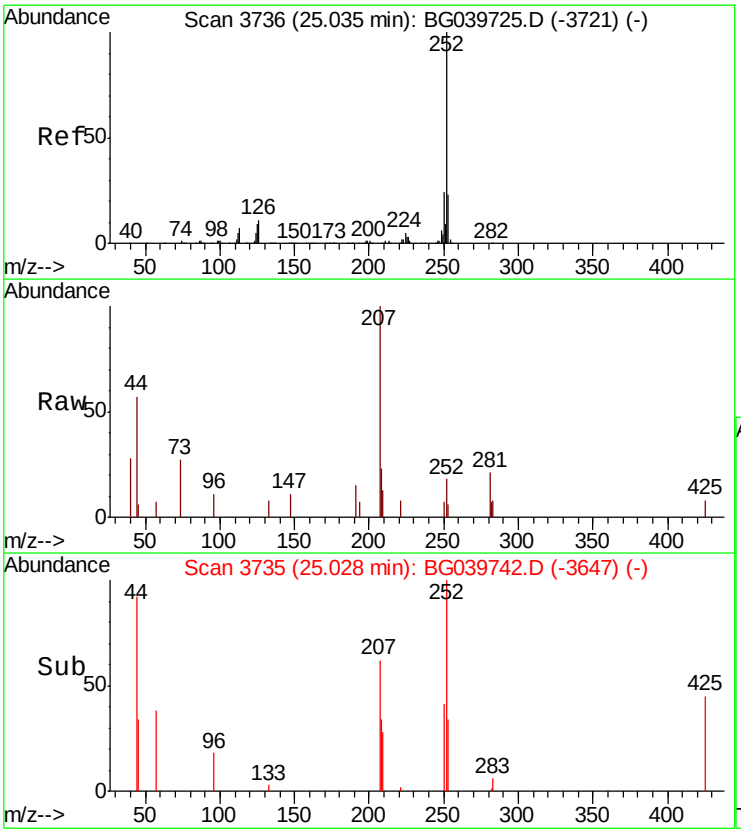
#89
Benzo(k)fluoranthene
Concen: 0.008 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:252 Resp: 150

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	121.5	7.4	11.2#

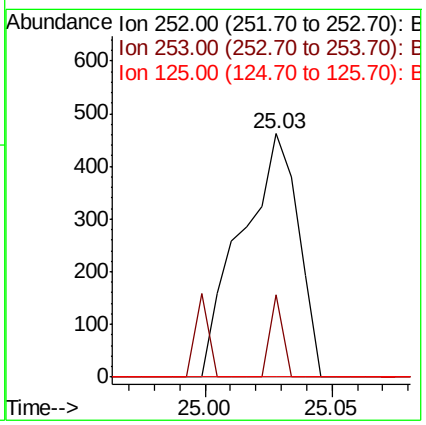


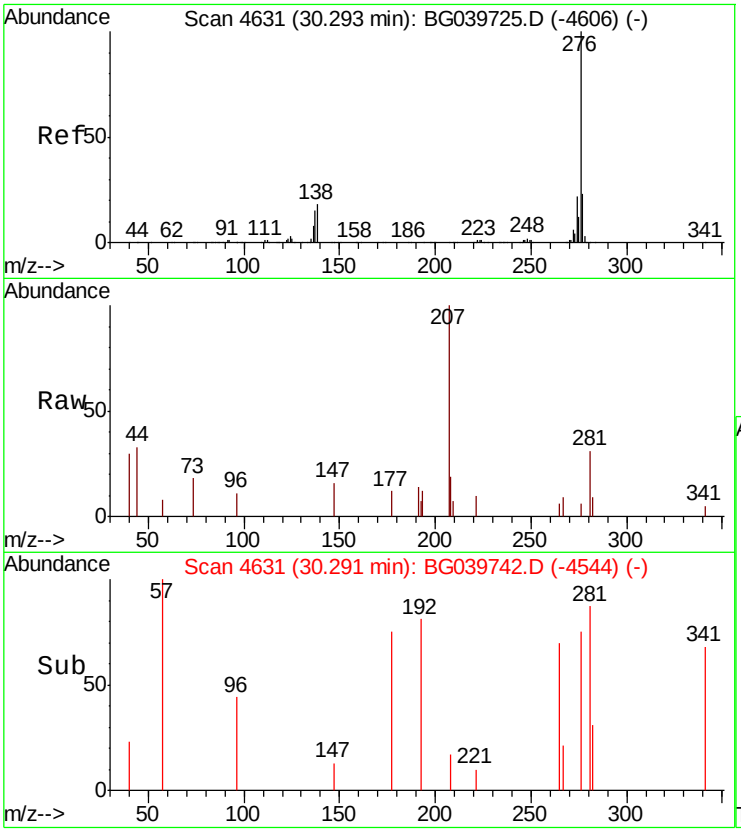


#90
Benzo(a)pyrene
Concen: 0.040 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:252 Resp: 726

Ion	Ratio	Lower	Upper
252	100		
253	33.8	17.9	26.9#
125	0.0	8.3	12.5#





#92
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 30.29 min Scan# 4631
Delta R.T. -0.02 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:276 Resp: 60

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.6	29.4#
138	0.0	14.7	22.1#