Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038190.D
Acq On : 28 Nov 2018 7:28
Operator : JU/SJ
Sample : J6064-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 28 10:33:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	37722	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	157117	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	104025	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	211553	20.00	ng	0.00
76) Chrysene-d12	21.75	240	208550	20.00	ng	0.00
87) Perylene-d12	25.08	264	221690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	268154	122.74	ng	0.02
7) Phenol-d6	7.27	99	305935	98.10	ng	0.04
23) Nitrobenzene-d5	9.27	82	271010	92.33	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	145771	122.87	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	533841	74.76	ng	0.00
79) Terphenyl-d14	20.07	244	824658	93.04	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.83	42	5793	5.424	ng	# 1
9) Benzaldehyde	7.22	77	45182	20.033	ng	# 1
15) Benzyl Alcohol	8.36	79	34067	15.096	ng	# 56
16) 2,2'-oxybis(1-Chloropropan	8.69	45	22766	4.546	ng	99
17) 2-Methylphenol	8.55	107	9603	4.300	ng	# 35
18) Hexachloroethane	9.19	117	27813	25.904	ng	# 1
20) 3+4-Methylphenols	8.89	107	17189	5.429	ng	# 51
22) Acetophenone	8.93	105	733261	187.575	ng	# 94
24) Nitrobenzene	9.20	77	24505	8.162	ng	# 42
25) Isophorone	9.83	82	99001	18.740	ng	# 81
27) 2,4-Dimethylphenol	10.09	122	16797	7.438	ng	87
28) bis(2-Chloroethoxy)methane	10.34	93	73194	21.667	ng	# 74
31) Naphthalene	10.97	128	736801	95.344	ng	99
32) Benzoic acid	10.09	122	16797	20.916	ng	# 41
33) 4-Chloroaniline	10.97	127	105693	29.403	ng	# 36
36) 4-Chloro-3-methylphenol	12.22	107	50706	18.271	ng	# 21
37) 2-Methylnaphthalene	12.56	142	94120	16.956	ng	# 93
38) 1-Methylnaphthalene	12.56	142	94120	17.615	ng	98
48) 2-Nitroaniline	13.77	65	7023	3.346	ng	# 31
54) 2,4-Dinitrophenol	14.90	184	96	9.368	ng	# 1
67) 4-Bromophenyl-phenylether	16.21	248	10518	4.530	ng	# 1

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

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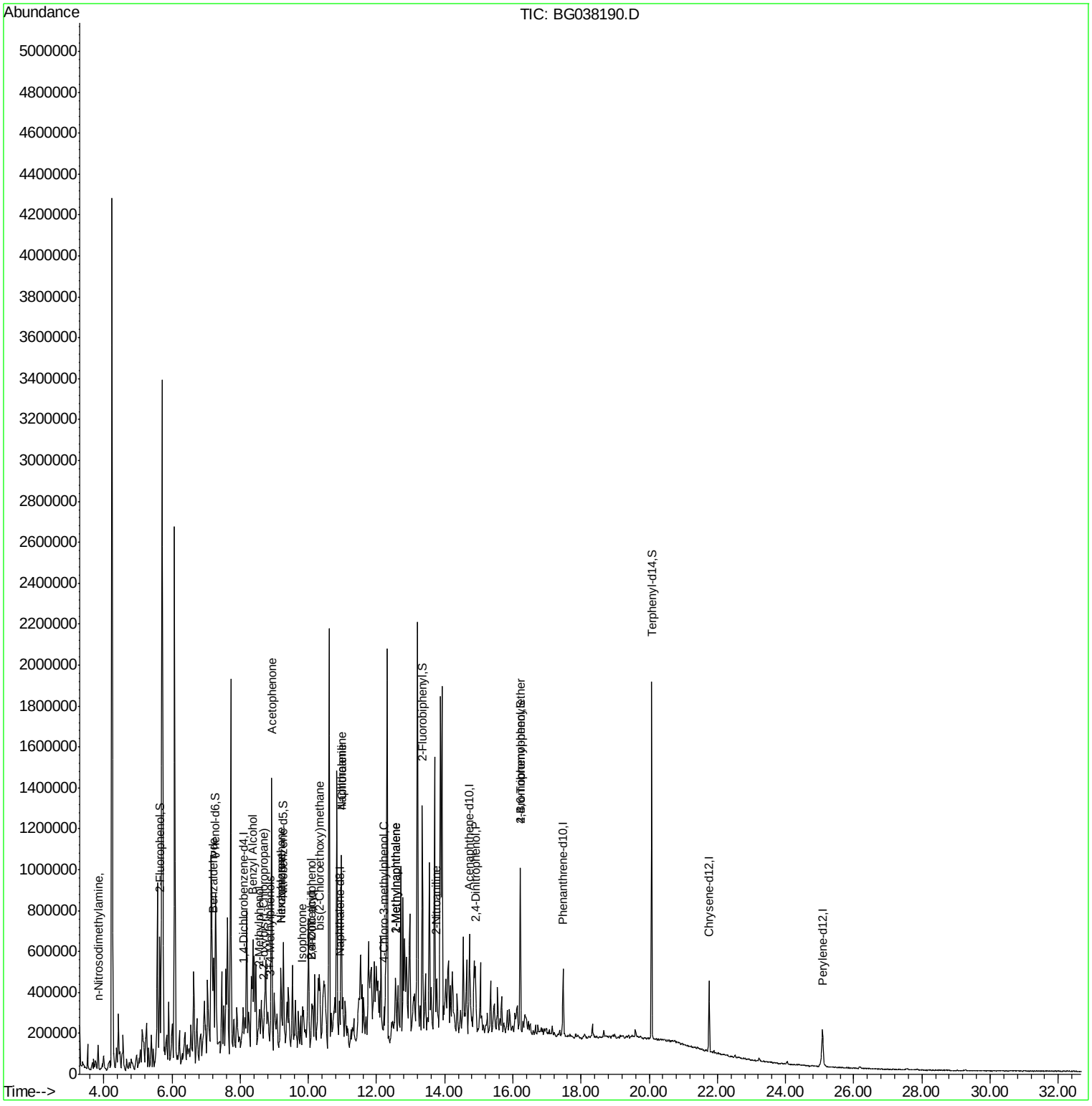
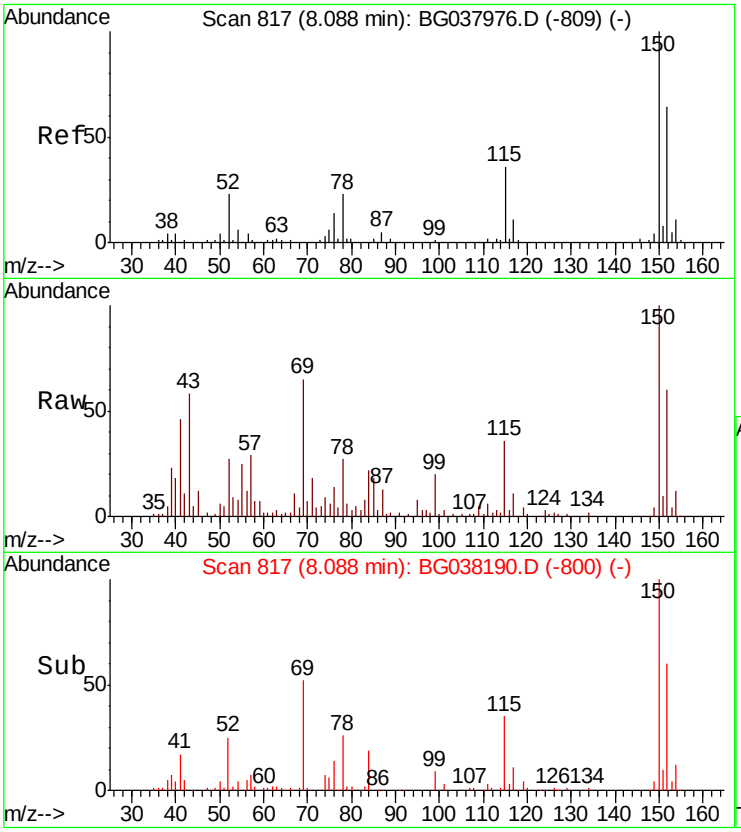


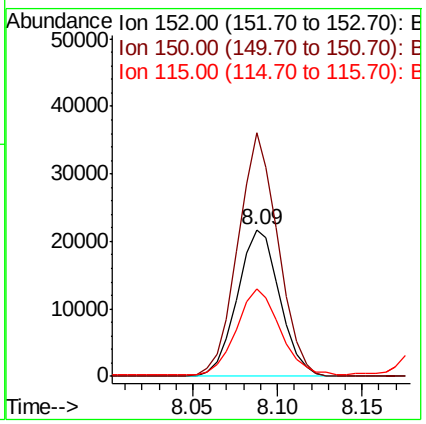


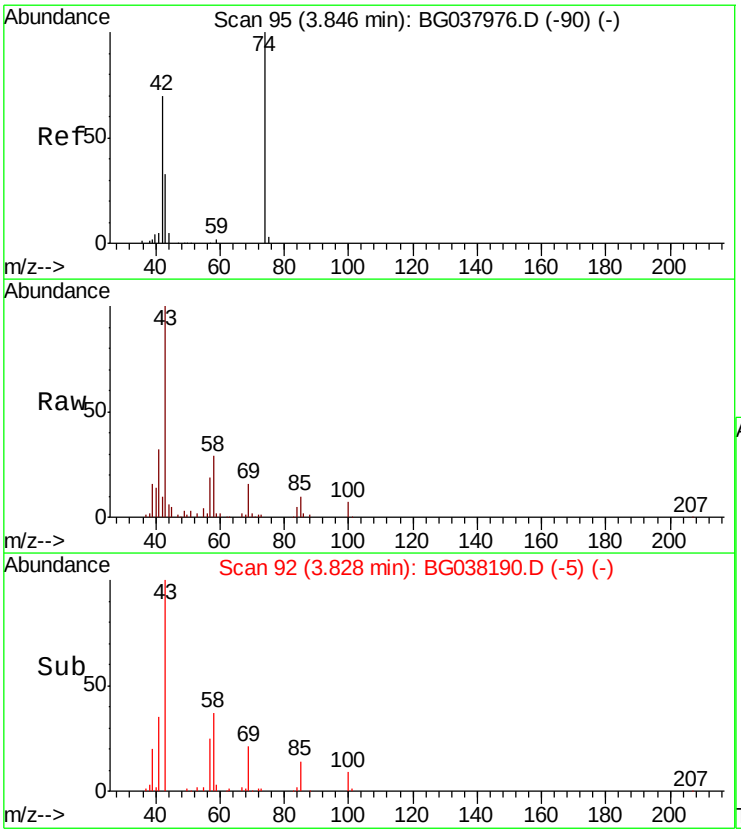
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37722

Ion	Ratio	Lower	Upper
152	100		
150	166.1	126.0	189.0
115	59.6	45.5	68.3

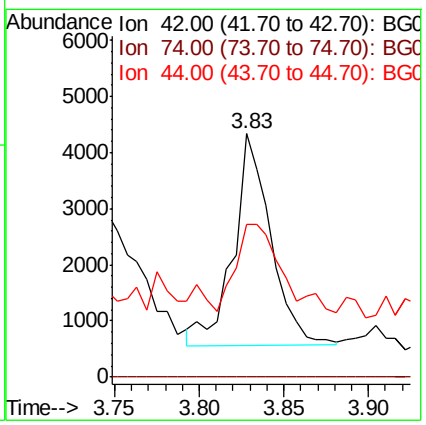


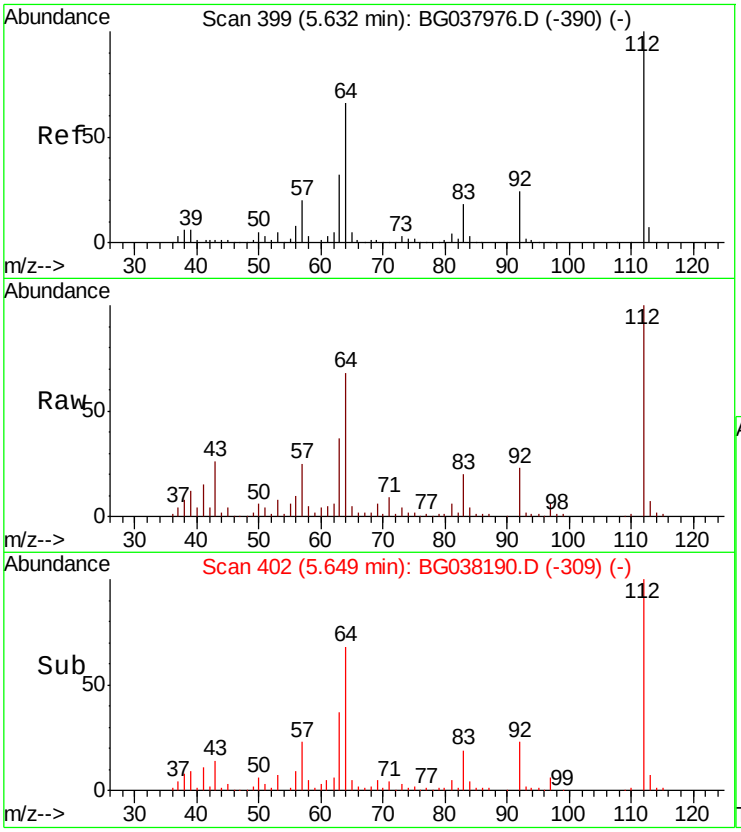


#4
n-Nitrosodimethylamine
Concen: 5.424 ng
RT: 3.83 min Scan# 92
Delta R.T. -0.02 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion: 42 Resp: 5793

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.0	153.0#
44	62.5	9.6	14.4#



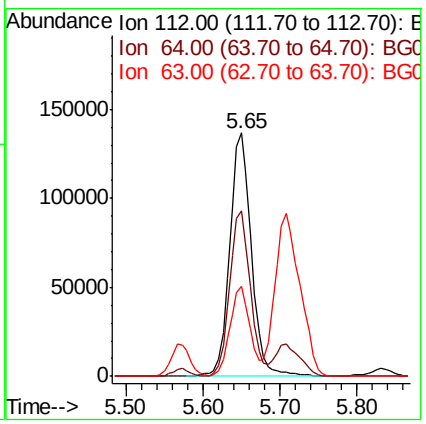


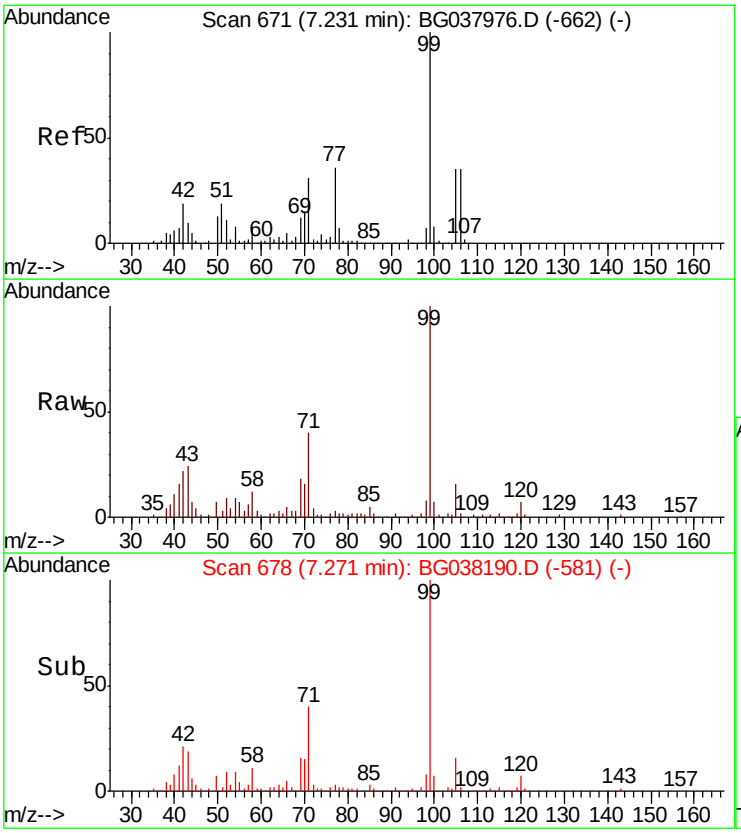
#5
2-Fluorophenol
Concen: 122.736 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.02 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 268154

Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.1	79.7
63	36.7	27.3	40.9

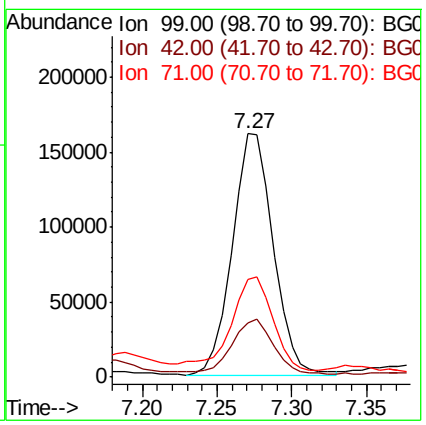


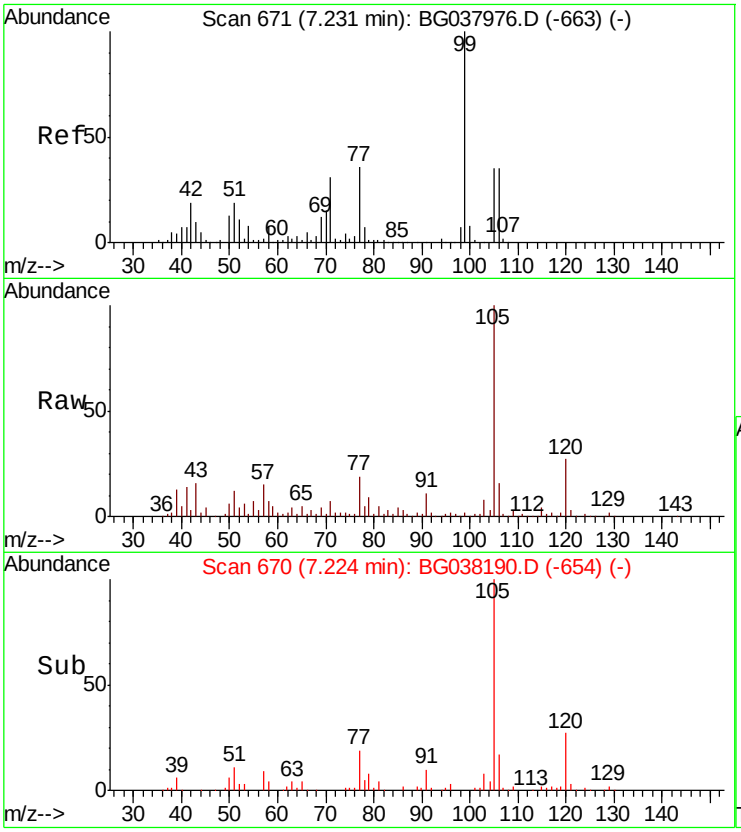


#7
Phenol-d6
Concen: 98.098 ng
RT: 7.27 min Scan# 678
Delta R.T. 0.04 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion: 99 Resp: 305935

Ion	Ratio	Lower	Upper
99	100		
42	22.2	15.0	22.4
71	40.3	25.5	38.3#



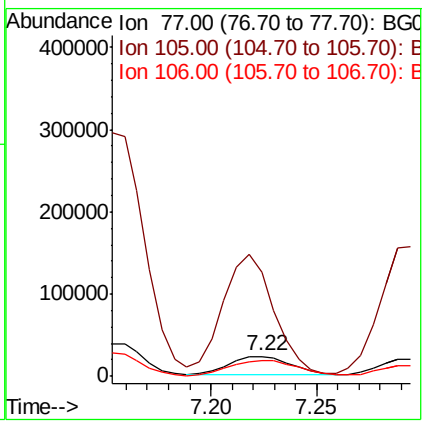


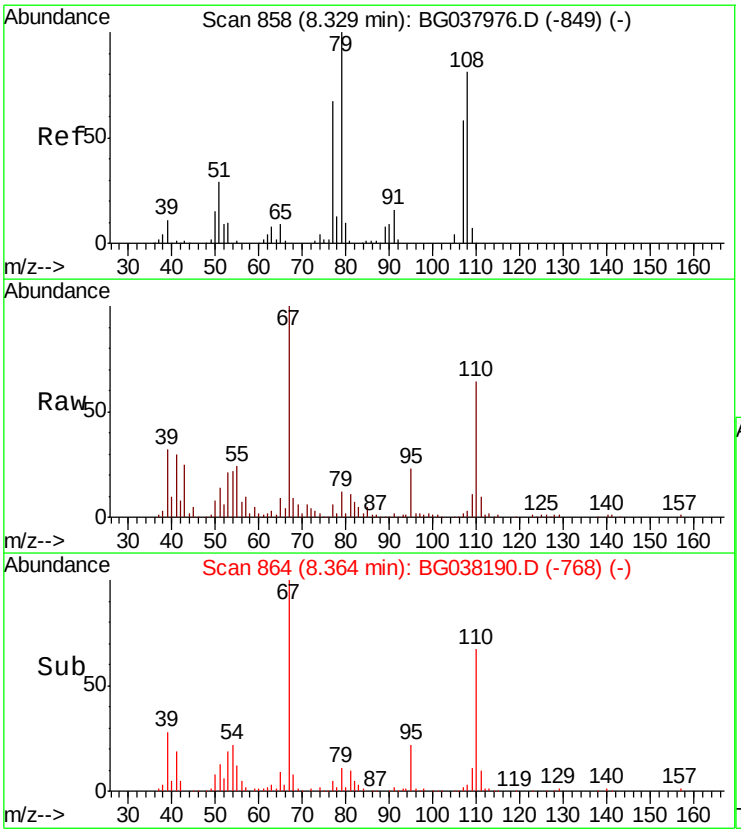
#9
Benzaldehyde
Concen: 20.033 ng
RT: 7.22 min Scan# 670
Delta R.T. -0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 45182

Ion	Ratio	Lower	Upper
77	100		
105	520.1	72.6	112.6#
106	81.5	71.3	111.3

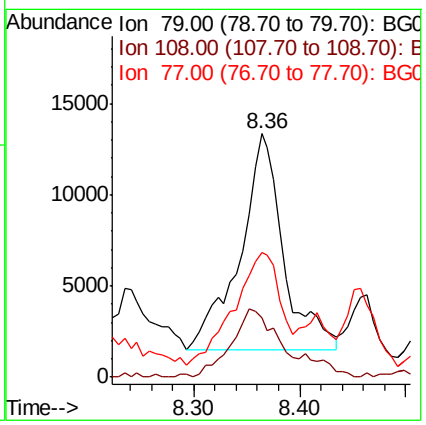


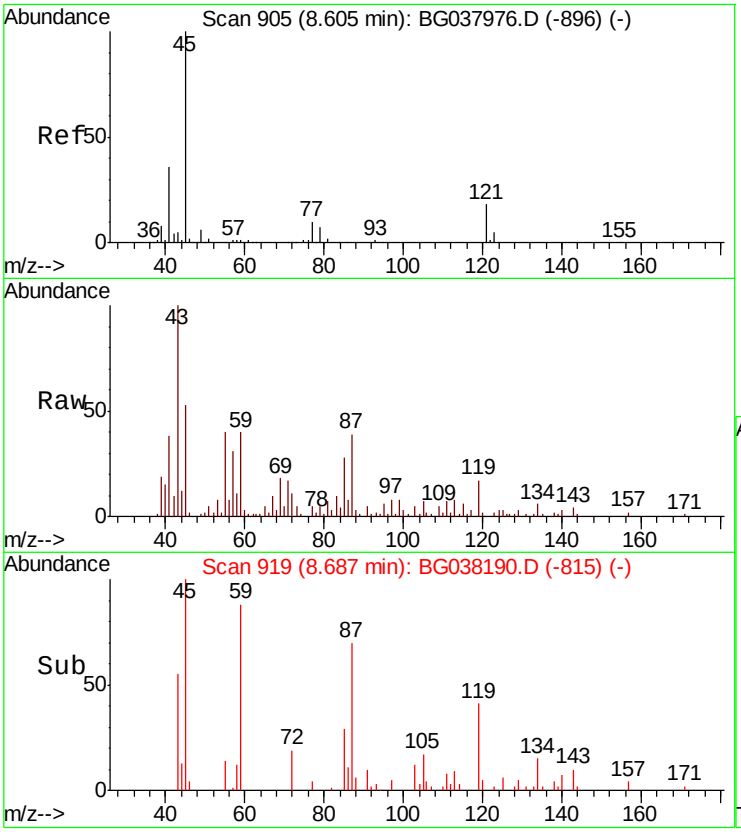


#15
Benzyl Alcohol
Concen: 15.096 ng
RT: 8.36 min Scan# 864
Delta R.T. 0.03 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion: 79 Resp: 34067

Ion	Ratio	Lower	Upper
79	100		
108	24.2	65.8	98.8#
77	51.1	52.9	79.3#



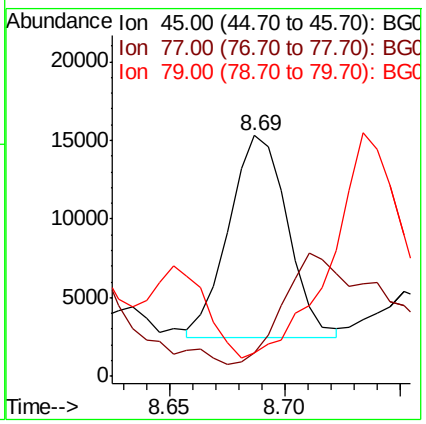


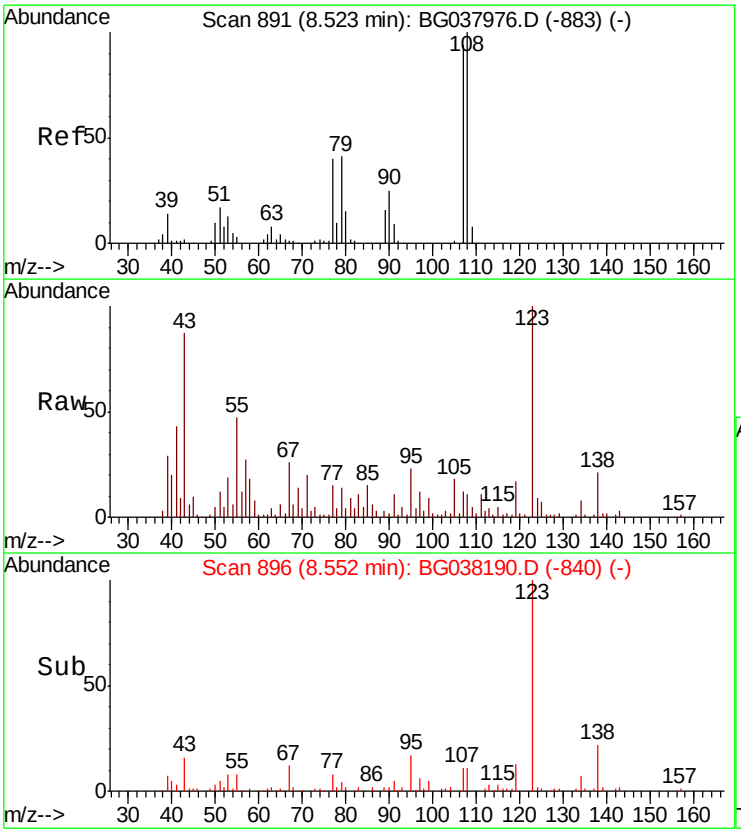
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.546 ng
RT: 8.69 min Scan# 919
Delta R.T. 0.08 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 45 Resp: 22766

Ion	Ratio	Lower	Upper
45	100		
77	9.6	0.0	30.0
79	9.6	0.0	29.0

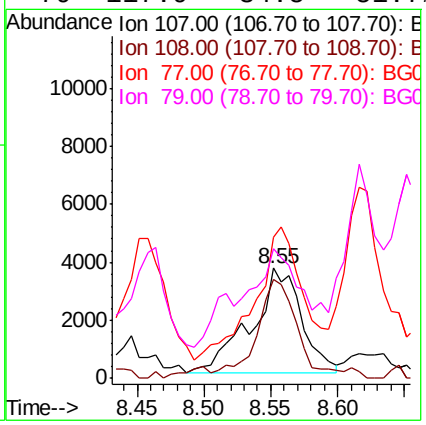


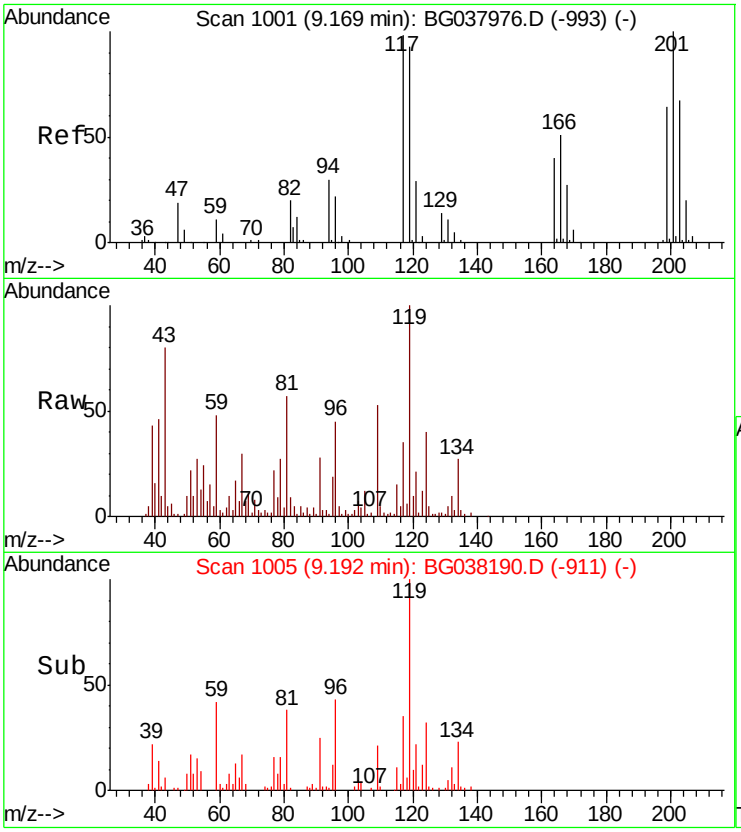


#17
2-Methylphenol
Concen: 4.300 ng
RT: 8.55 min Scan# 896
Delta R.T. 0.03 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:107 Resp: 9603

Ion	Ratio	Lower	Upper
107	100		
108	89.5	87.9	131.9
77	128.0	35.1	52.7#
79	117.9	34.5	51.7#



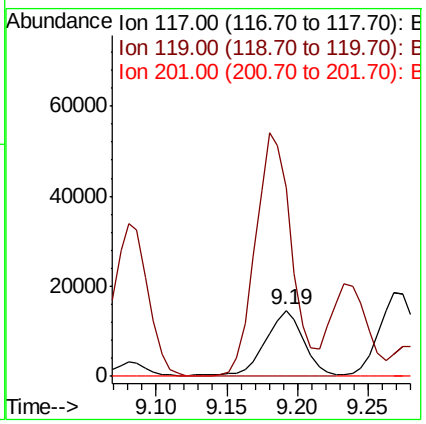


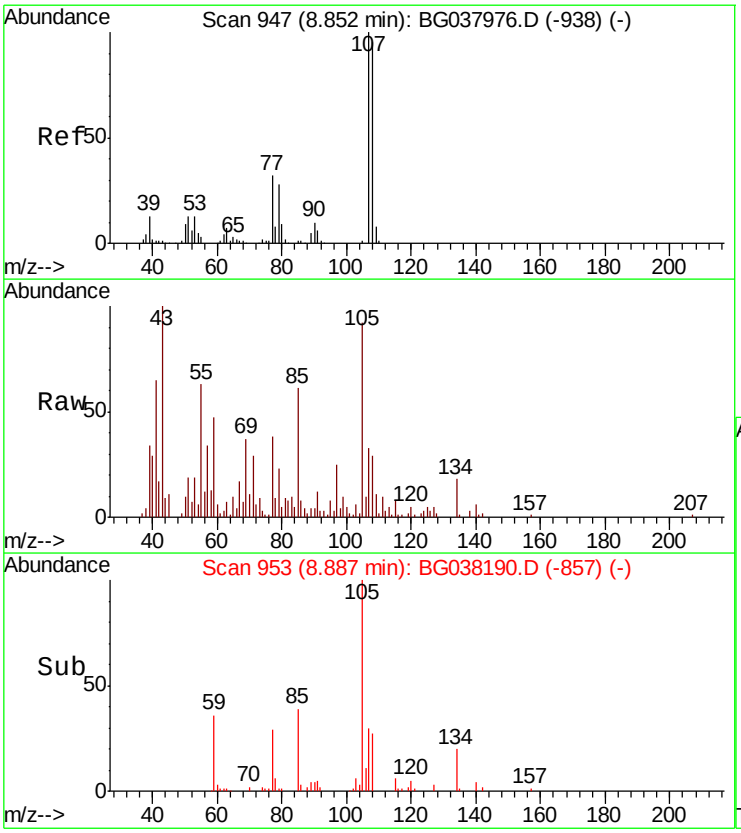
#18
Hexachloroethane
Concen: 25.904 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.02 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:117 Resp: 27813

Ion	Ratio	Lower	Upper
117	100		
119	286.9	74.6	111.8#
201	0.0	80.8	121.2#

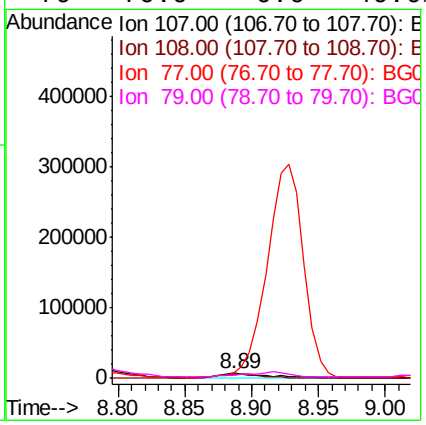


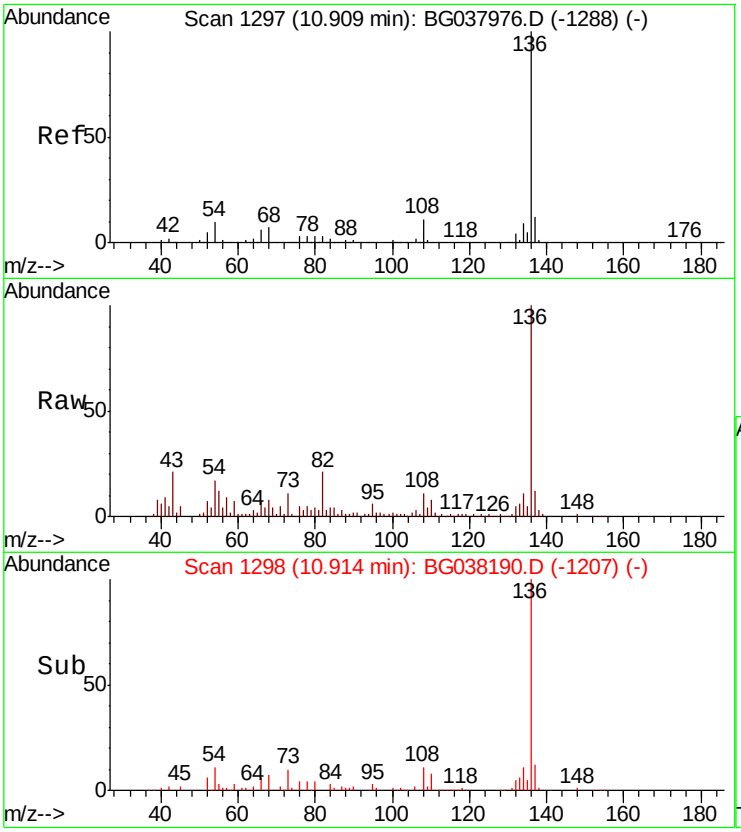


#20
3+4-Methylphenols
Concen: 5.429 ng
RT: 8.89 min Scan# 953
Delta R.T. 0.03 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:107 Resp: 17189

Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.9	109.9
77	116.7	11.2	51.2#
79	70.9	6.6	46.6#



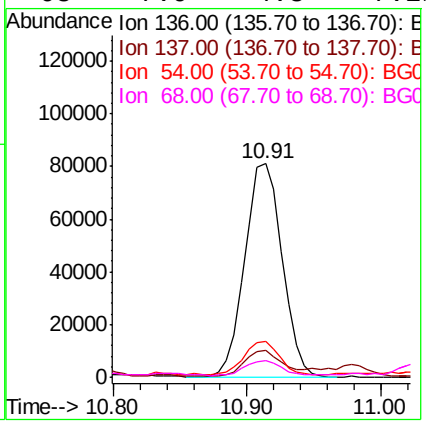


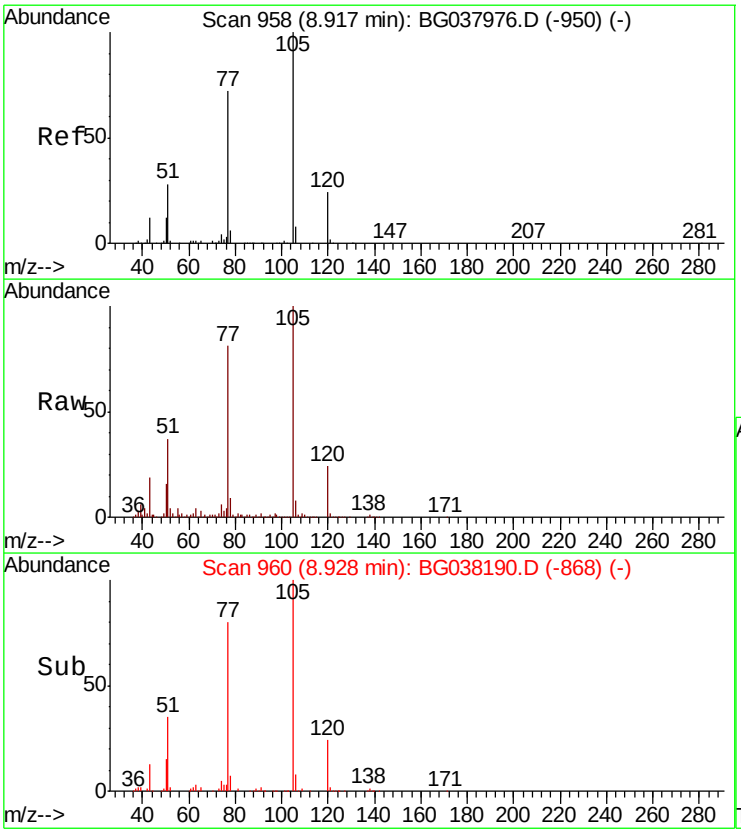
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 157117

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	16.6	7.9	11.9#
68	7.9	4.8	7.2#

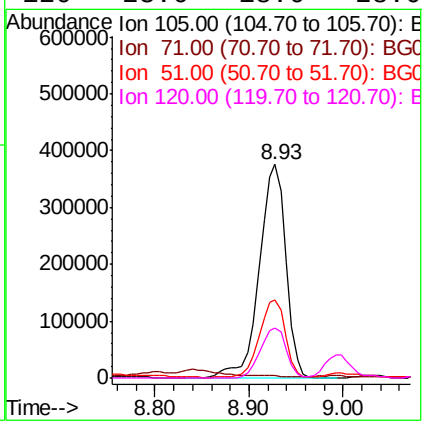


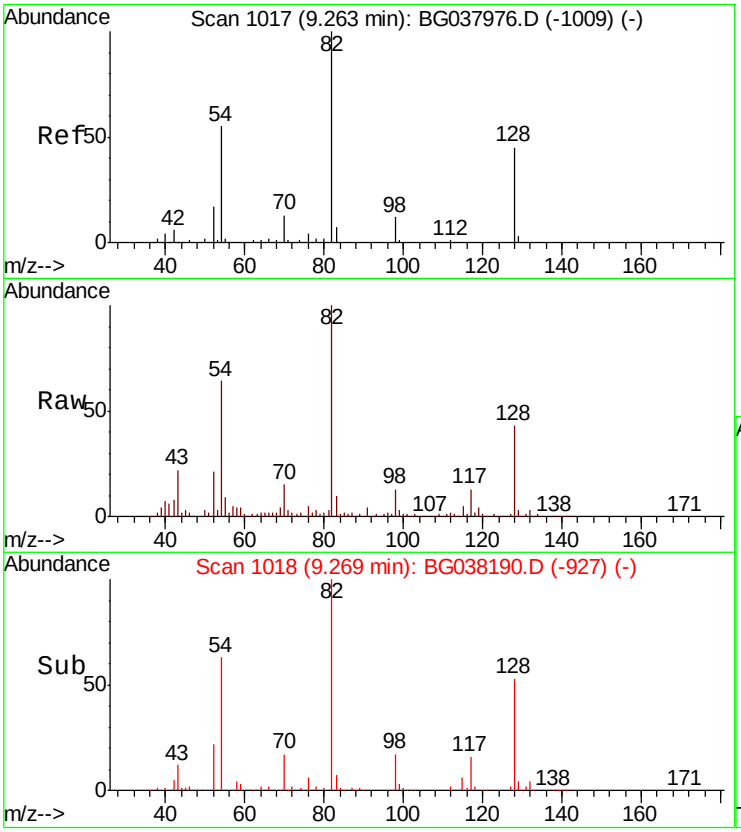


#22
Acetophenone
Concen: 187.575 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:105 Resp: 733261

Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.2	1.8#
51	36.7	25.0	37.6
120	23.6	18.6	28.0



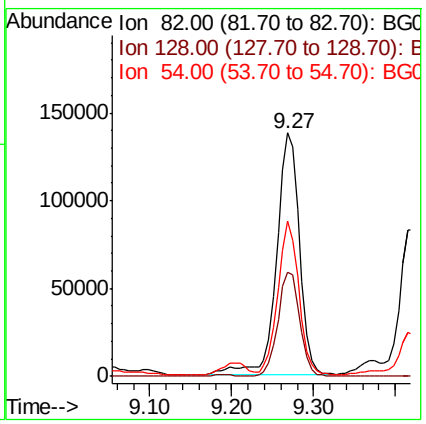


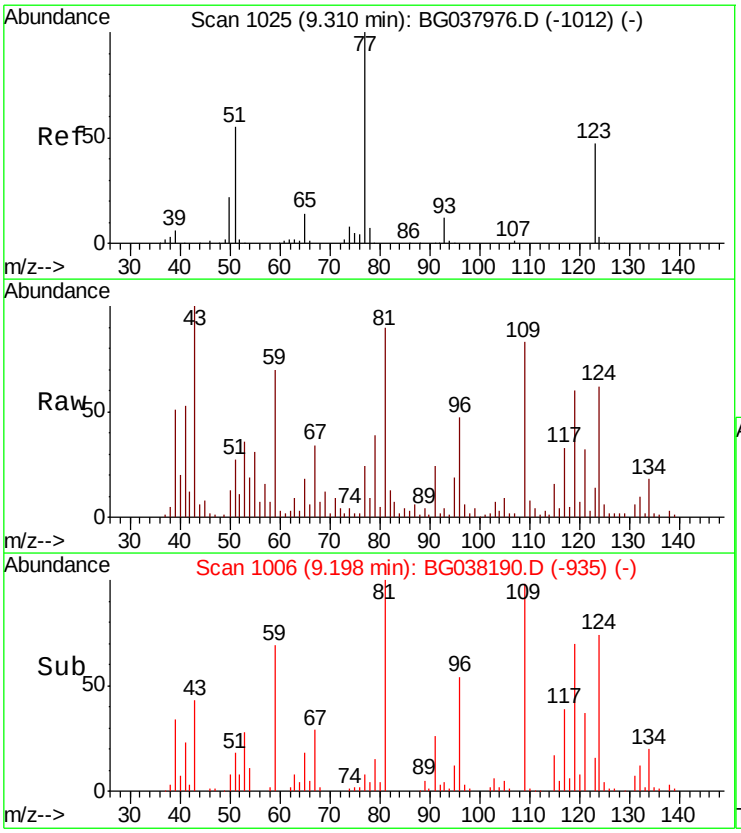
#23
Nitrobenzene-d5
Concen: 92.334 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 271010

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	51.8
54	63.6	45.3	67.9

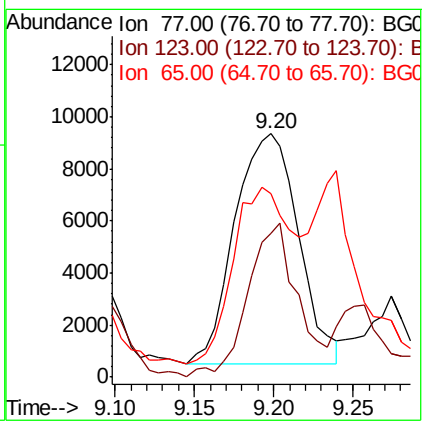


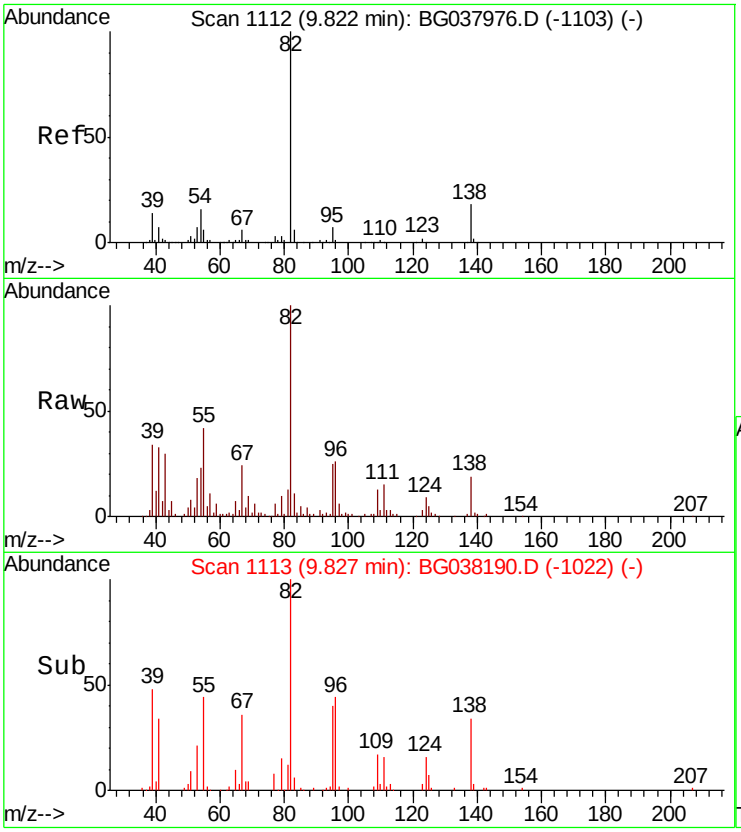


#24
Nitrobenzene
Concen: 8.162 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.11 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion: 77 Resp: 24505

Ion	Ratio	Lower	Upper
77	100		
123	59.0	33.6	50.4#
65	75.4	11.3	16.9#



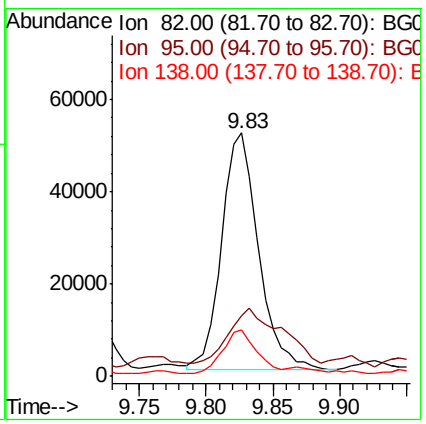


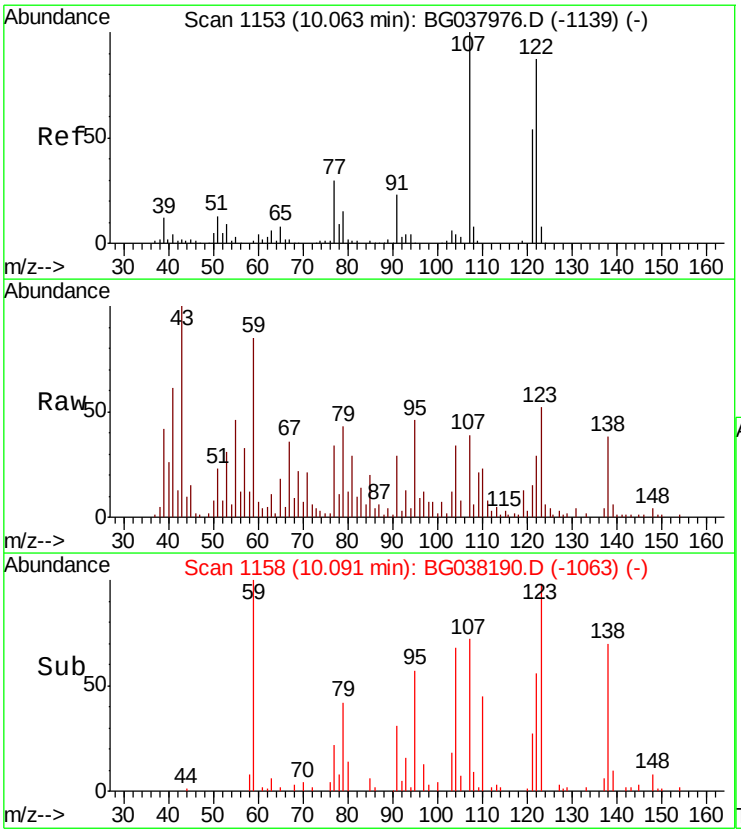
#25
Isophorone
Concen: 18.740 ng
RT: 9.83 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 99001

Ion	Ratio	Lower	Upper
82	100		
95	24.6	5.3	7.9#
138	19.2	13.3	19.9

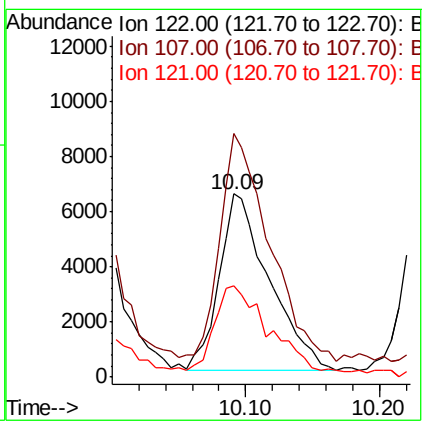


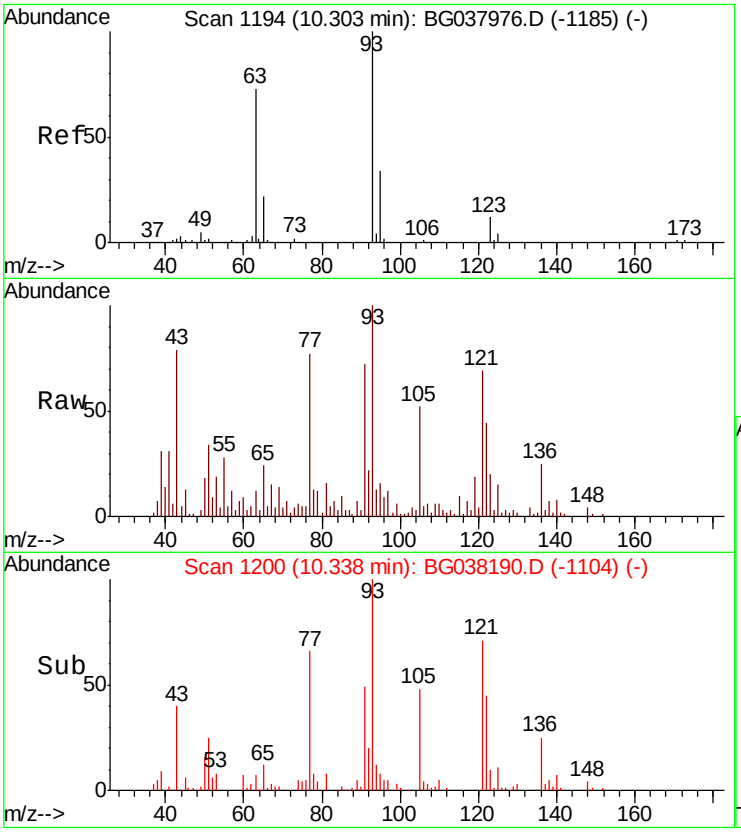


#27
2,4-Dimethylphenol
Concen: 7.438 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.03 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:122 Resp: 16797

Ion	Ratio	Lower	Upper
122	100		
107	132.9	94.2	141.2
121	50.1	47.3	70.9



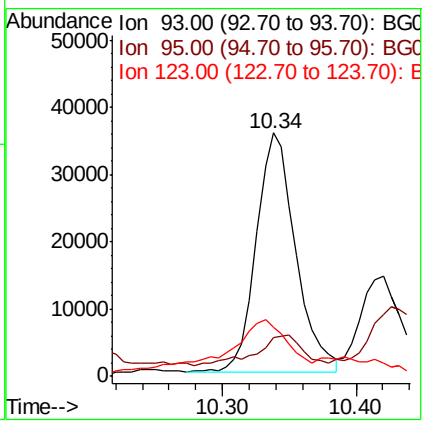


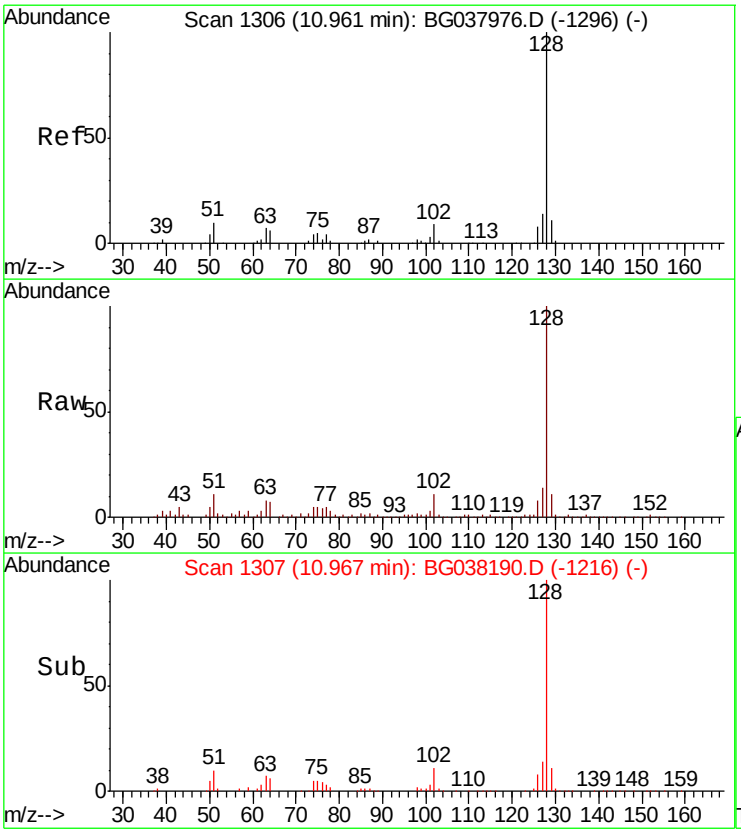
#28
bis(2-Chloroethoxy)methane
Concen: 21.667 ng
RT: 10.34 min Scan# 1200
Delta R.T. 0.03 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 73194

Ion	Ratio	Lower	Upper
93	100		
95	16.1	24.6	37.0#
123	19.9	9.1	13.7#

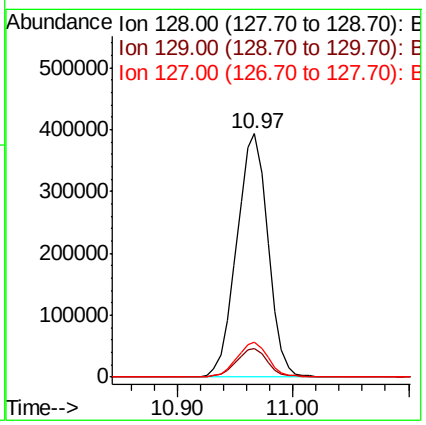


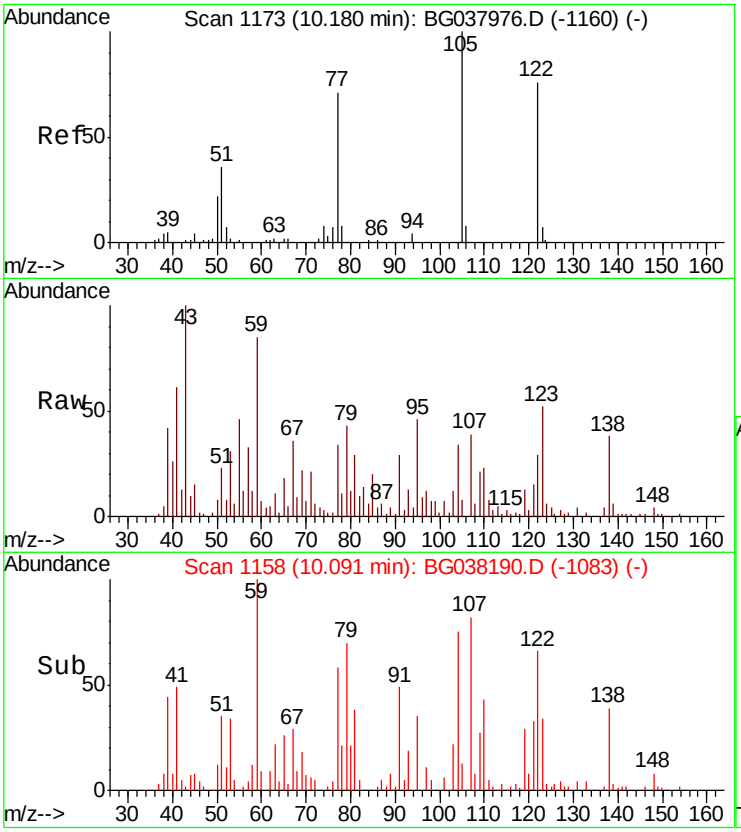


#31
Naphthalene
Concen: 95.344 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:128 Resp: 736801

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.2	11.1	16.7



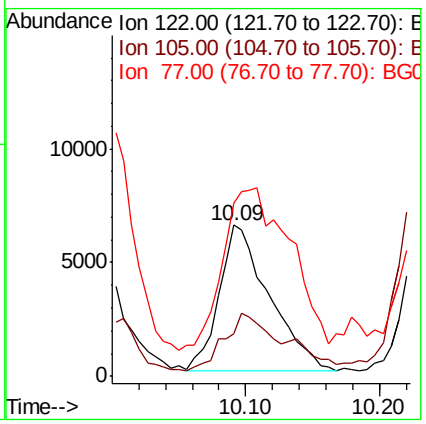


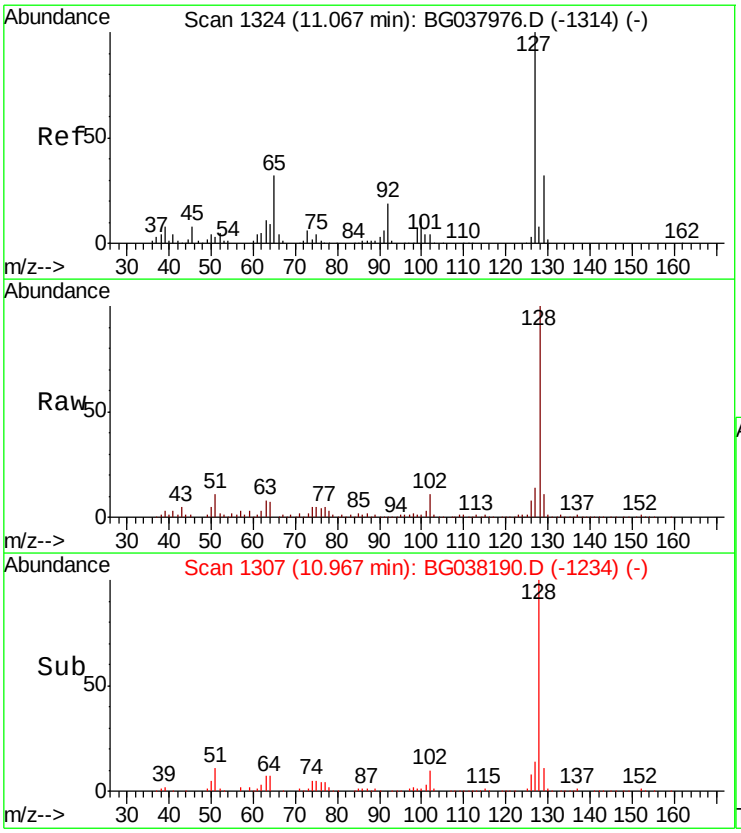
#32
Benzoic acid
Concen: 20.916 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.09 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 16797

Ion	Ratio	Lower	Upper
122	100		
105	28.6	106.7	146.7#
77	114.8	72.2	112.2#

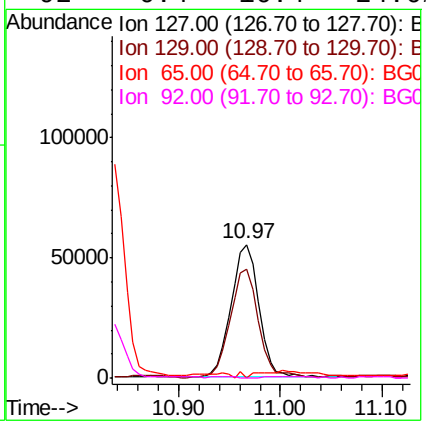


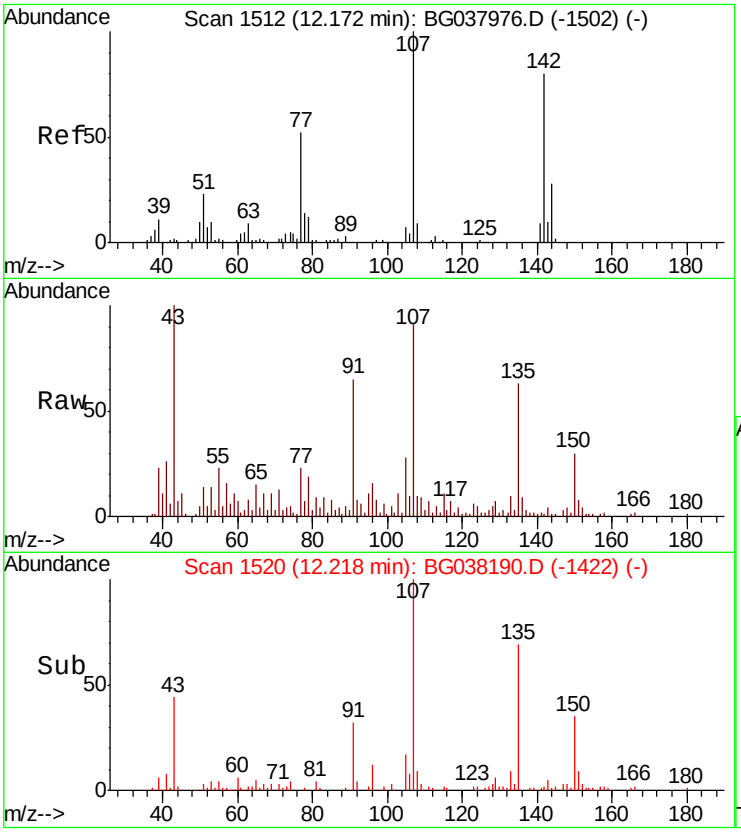


#33
4-Chloroaniline
Concen: 29.403 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.10 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:127 Resp: 105693

Ion	Ratio	Lower	Upper
127	100		
129	81.3	27.1	40.7#
65	0.0	26.6	39.8#
92	0.4	16.4	24.6#



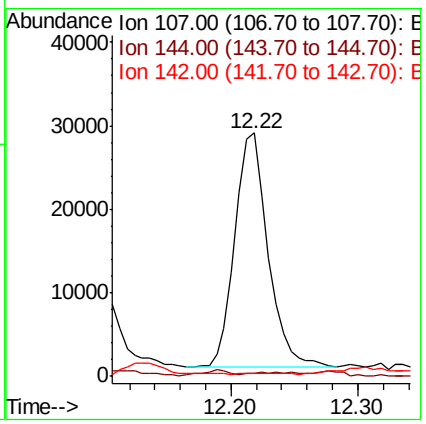


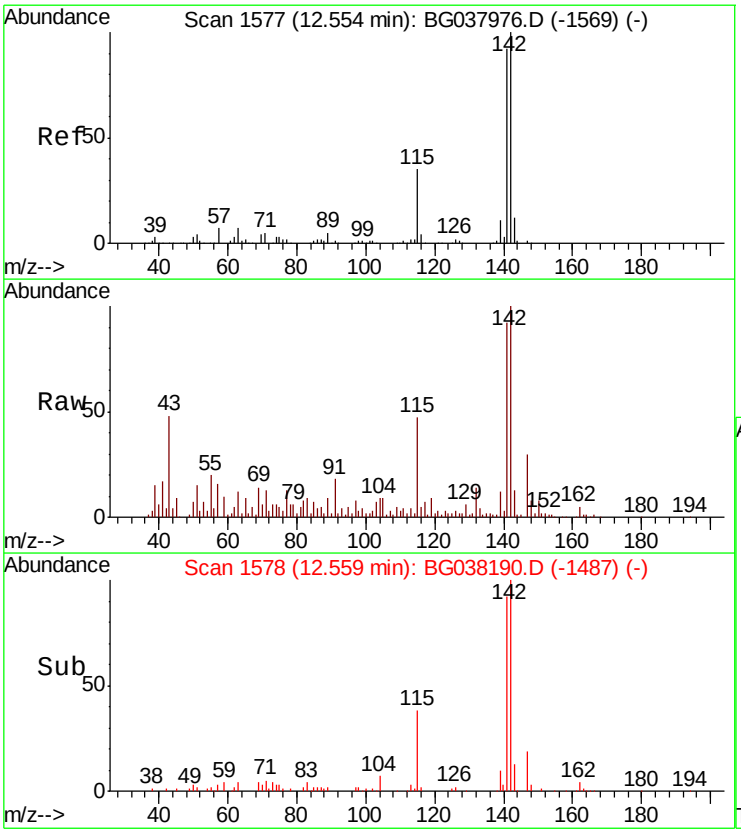
#36
4-Chloro-3-methylphenol
Concen: 18.271 ng
RT: 12.22 min Scan# 1520
Delta R.T. 0.05 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 50706

Ion	Ratio	Lower	Upper
107	100		
144	1.2	20.7	31.1#
142	1.3	64.4	96.6#

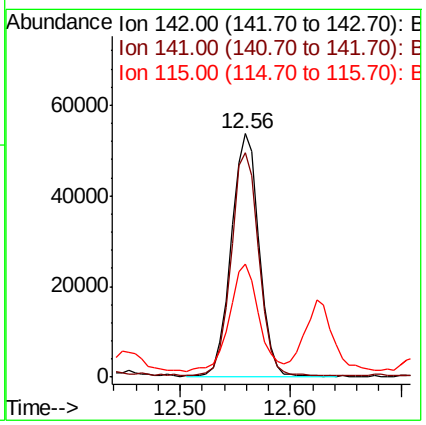


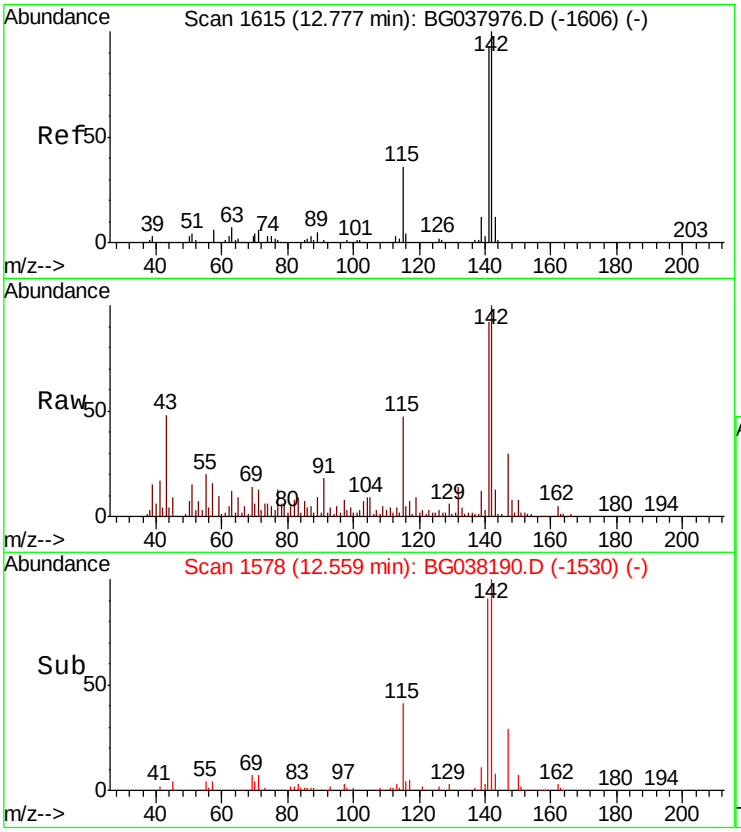


#37
2-Methylnaphthalene
Concen: 16.956 ng
RT: 12.56 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:142 Resp: 94120

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.9	107.9
115	46.6	27.8	41.8#



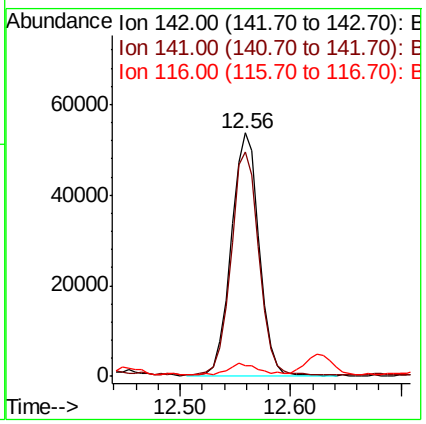


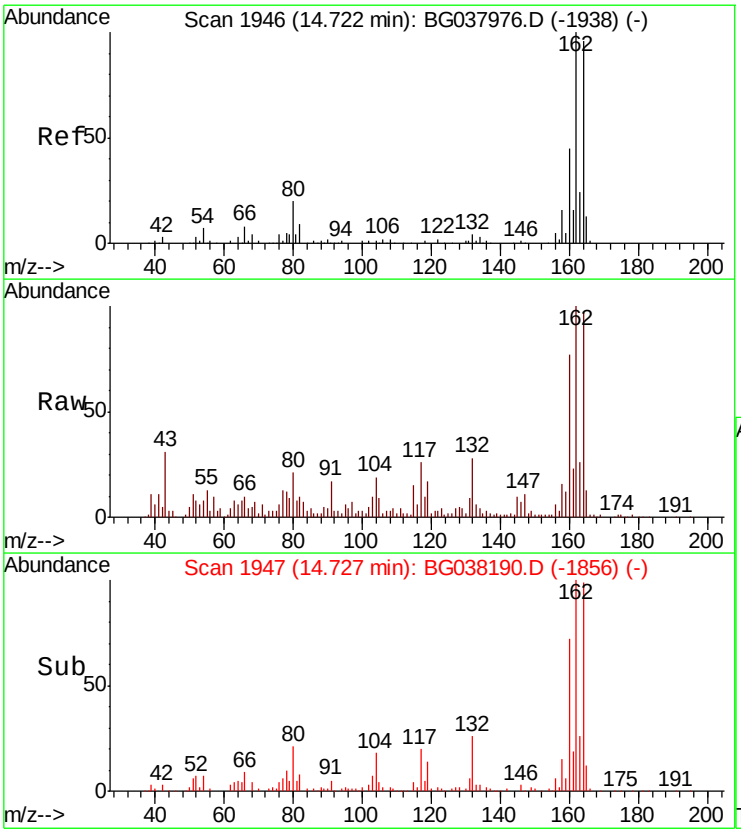
#38
1-Methylnaphthalene
Concen: 17.615 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.22 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 94120

Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.2	112.8
116	4.6	3.3	4.9

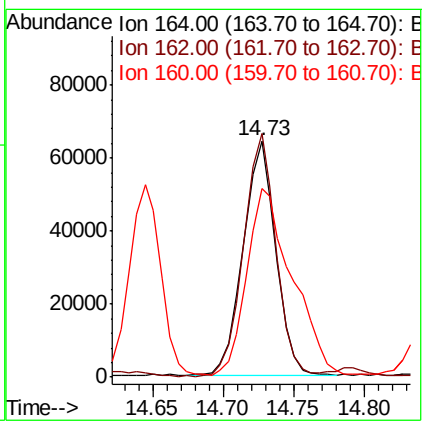


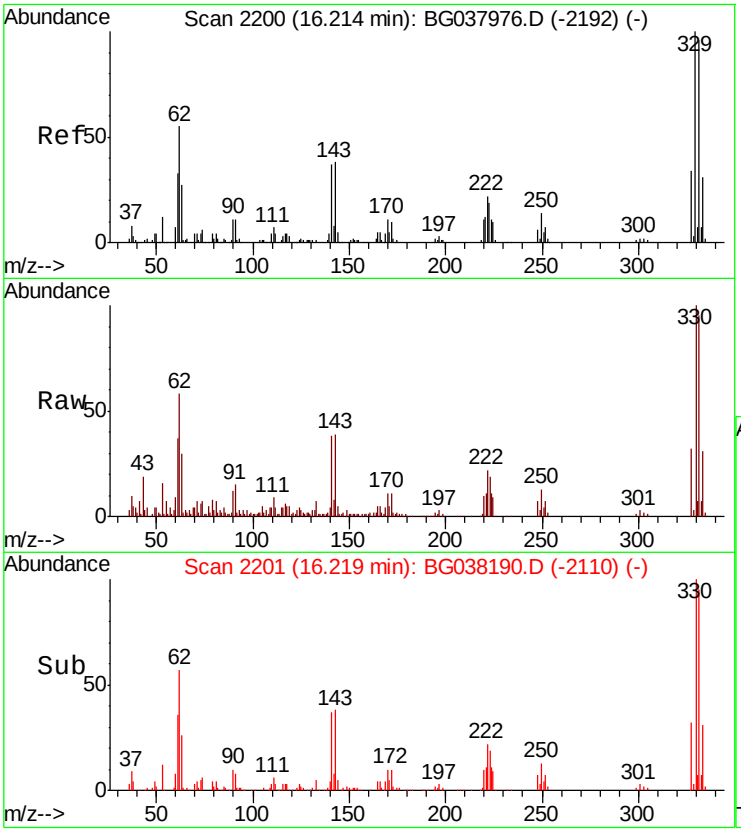


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:164 Resp: 104025

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	79.7	36.3	54.5#



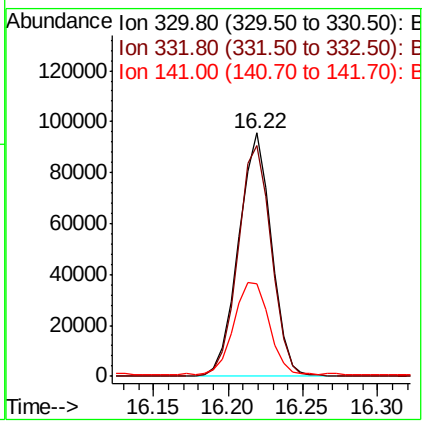


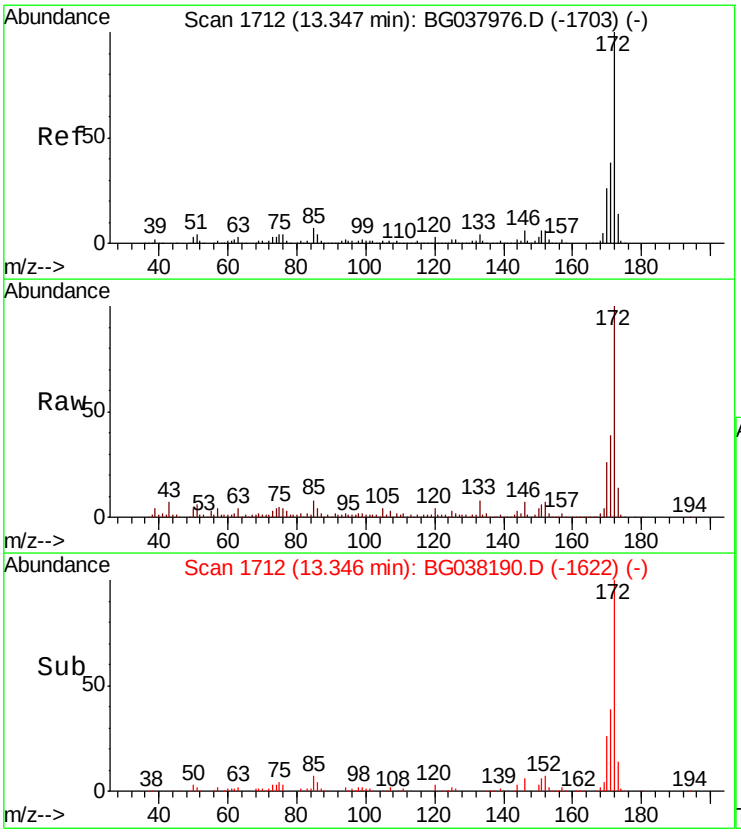
#42
2,4,6-Tribromophenol
Concen: 122.870 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 145771

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.4	117.6
141	41.3	32.2	48.2

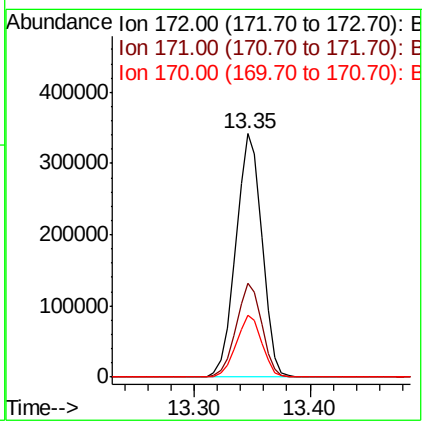


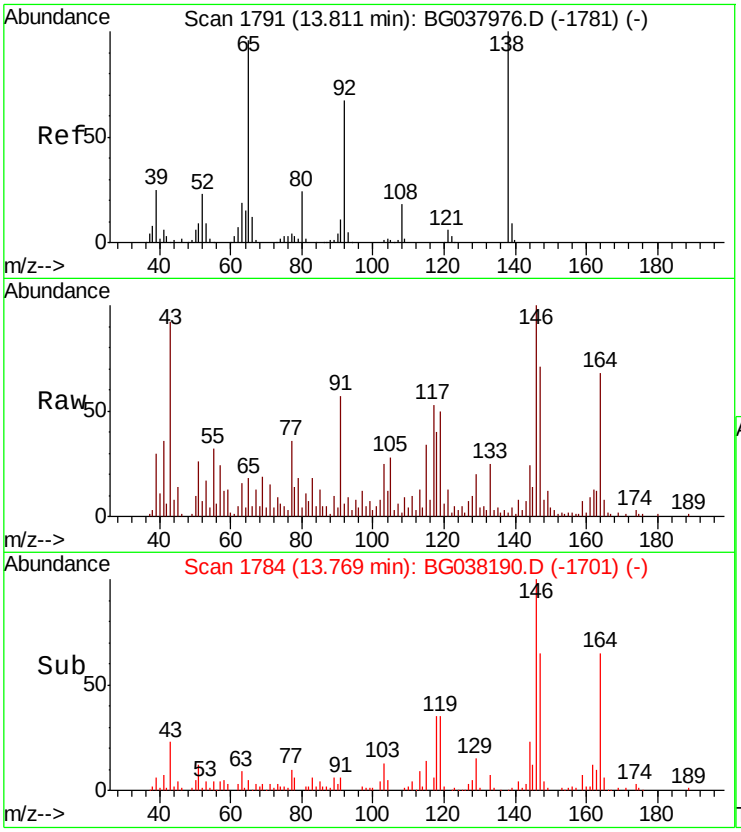


#45
2-Fluorobiphenyl
Concen: 74.763 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:172 Resp: 533841

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.6	20.2	30.2



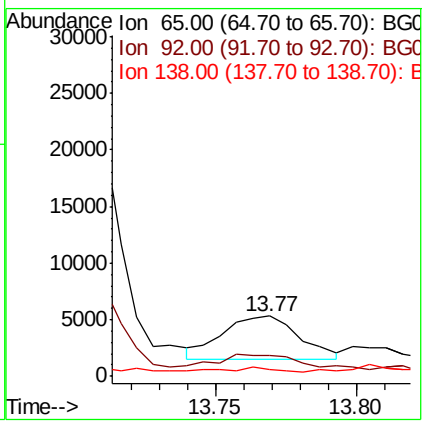


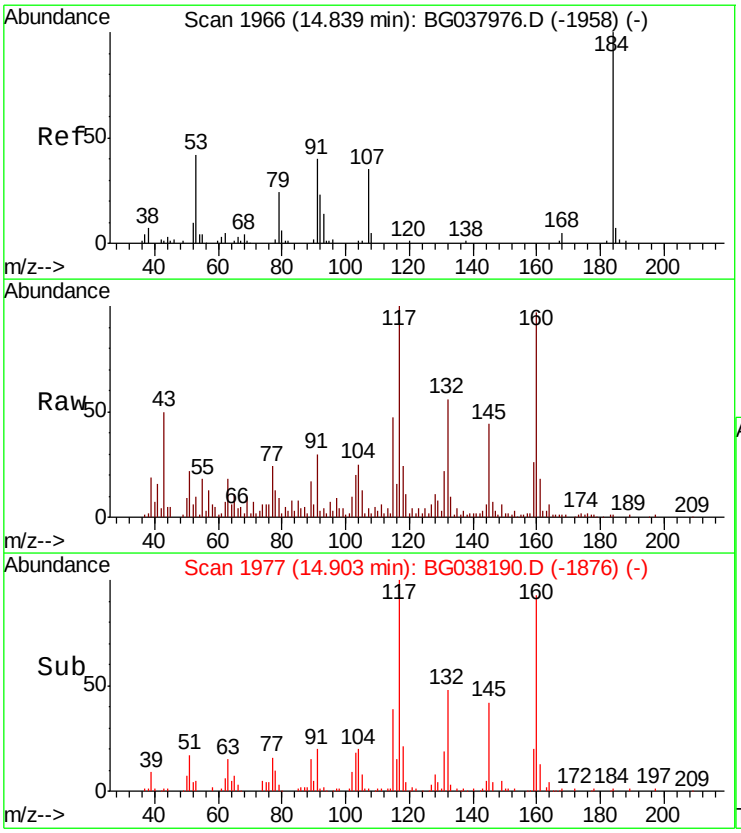
#48
2-Nitroaniline
Concen: 3.346 ng
RT: 13.77 min Scan# 1784
Delta R.T. -0.04 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 7023

Ion	Ratio	Lower	Upper
65	100		
92	35.2	53.2	79.8#
138	11.2	79.3	118.9#

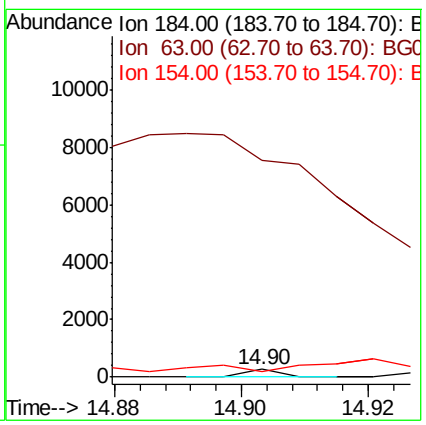


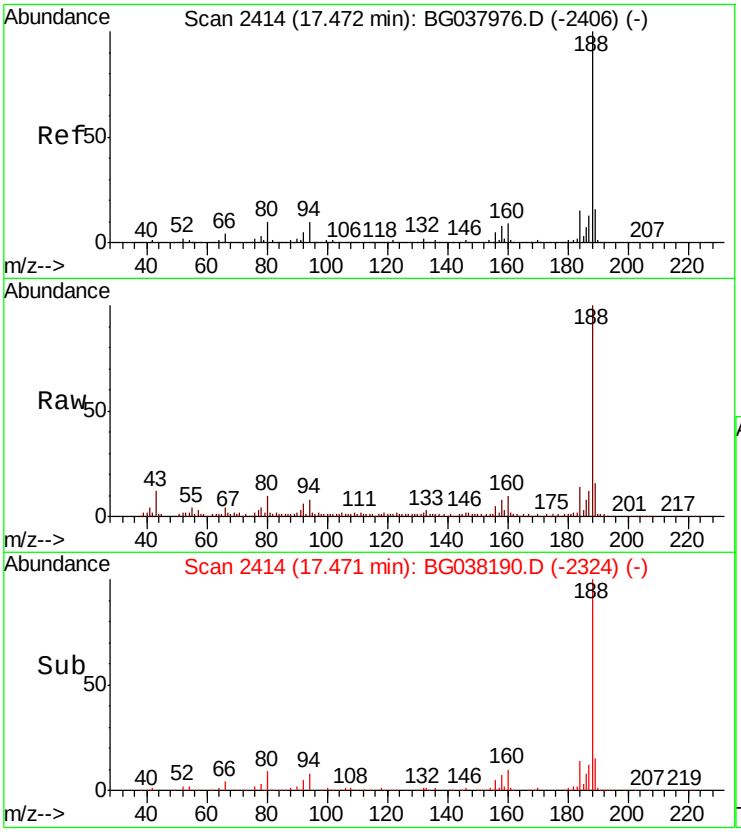


#54
2,4-Dinitrophenol
Concen: 9.368 ng
RT: 14.90 min Scan# 1977
Delta R.T. 0.06 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:184 Resp: 96

Ion	Ratio	Lower	Upper
184	100		
63	2772.1	42.6	63.8#
154	76.1	41.8	62.6#



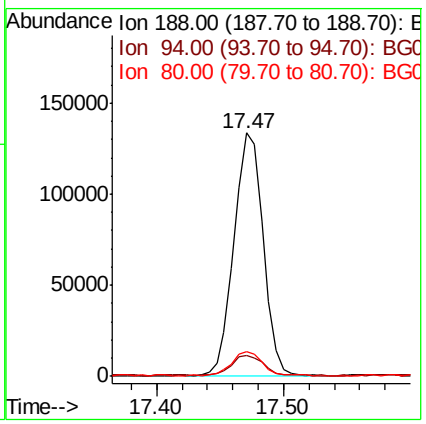


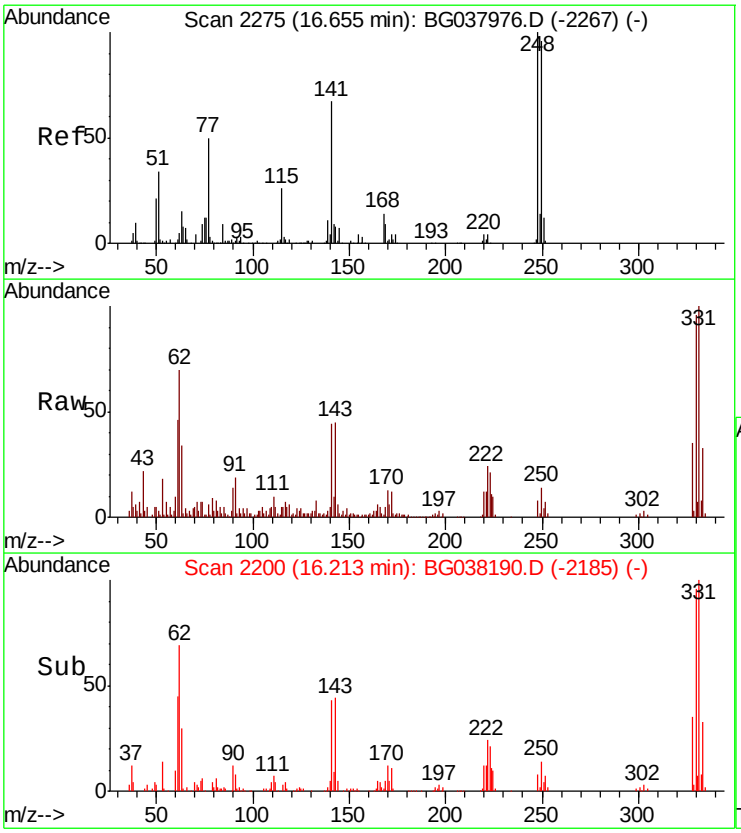
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 211553

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	10.0	7.7	11.5

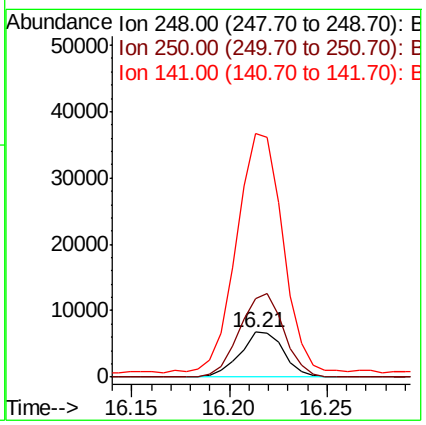


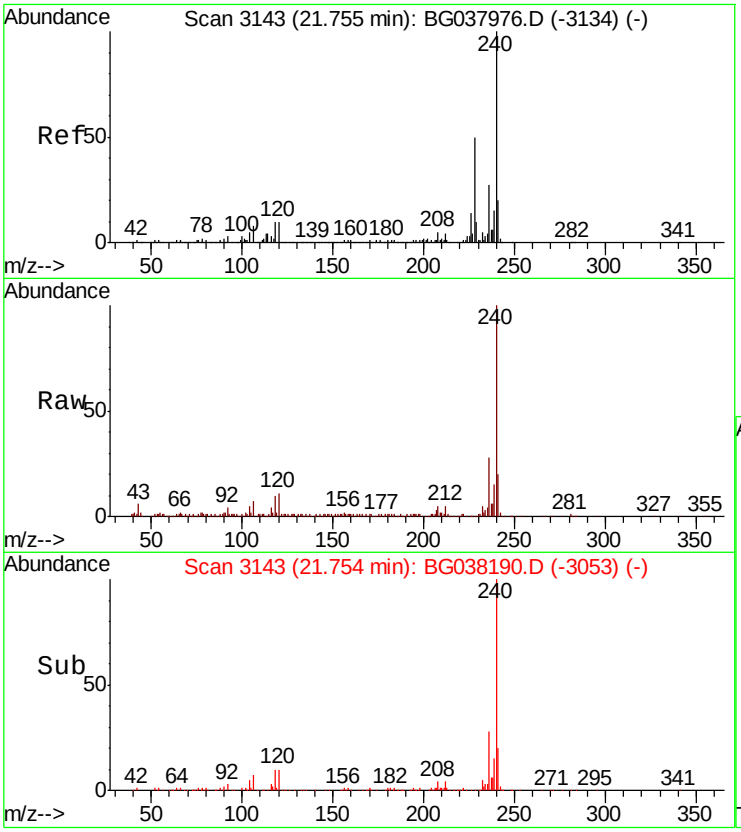


#67
4-Bromophenyl-phenylether
Concen: 4.530 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.44 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:248 Resp: 10518

Ion	Ratio	Lower	Upper
248	100		
250	170.9	77.0	115.6#
141	424.4	55.5	83.3#



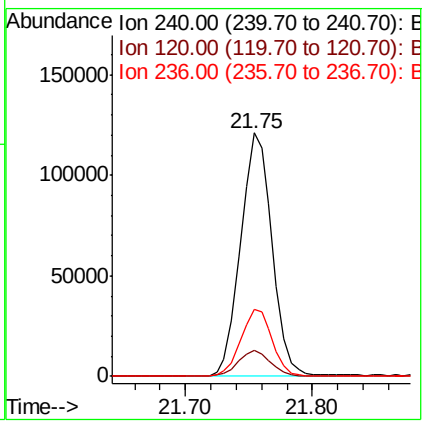


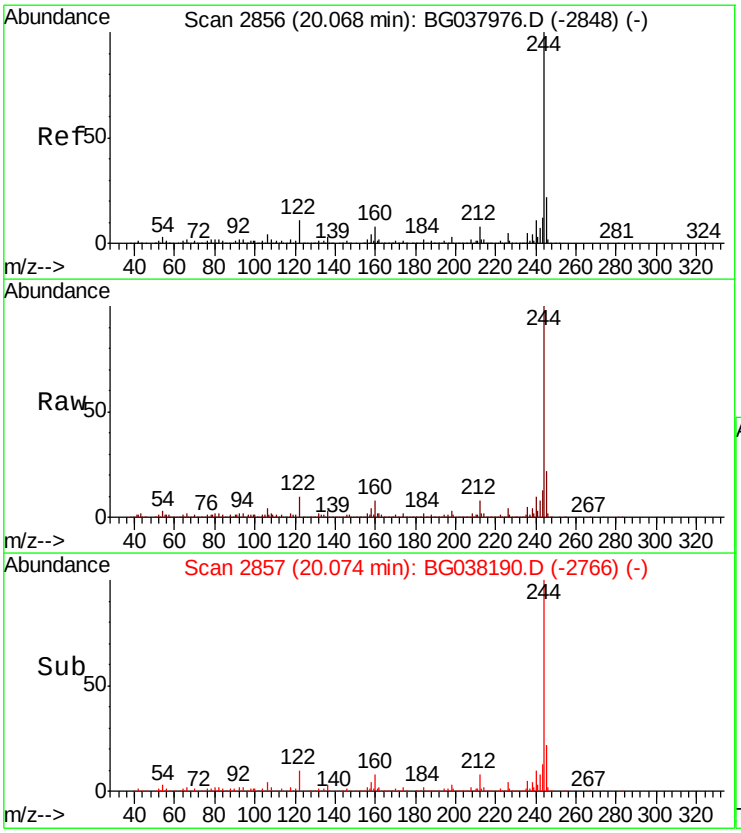
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 208550

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	27.7	21.4	32.0

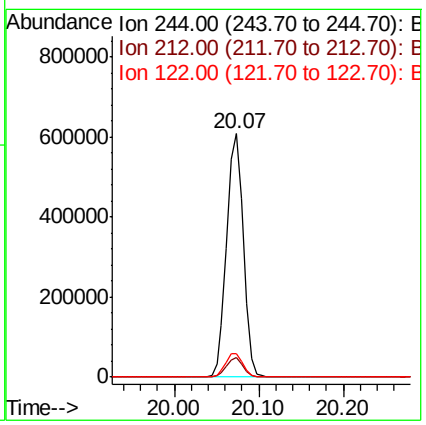


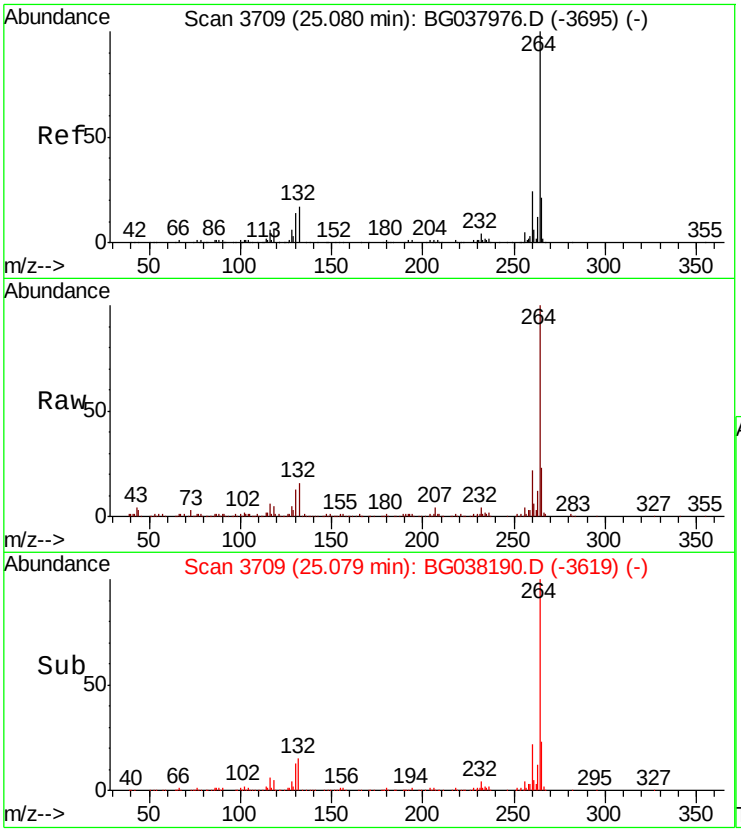


#79
Terphenyl-d14
Concen: 93.044 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:244 Resp: 824658

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	9.8	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 221690

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	23.5	17.9	26.9