Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
Data File : BG038768.D
Acq On : 20 Dec 2018 18:52
Operator : JU/SJ
Sample : J6426-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS013-3638-01

Quant Time: Dec 21 00:22:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24036	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	93335	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	61409	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	144694	20.00	ng		0.00
76) Chrysene-d12	21.72	240	152320	20.00	ng		0.00
87) Perylene-d12	25.02	264	166774	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	168248	124.15	ng		0.00
7) Phenol-d6	7.21	99	228376	122.76	ng		0.00
23) Nitrobenzene-d5	9.23	82	142074	77.76	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	102048	120.58	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	312589	69.83	ng		0.00
79) Terphenyl-d14	20.04	244	545068	77.88	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.18	77	2671	2.213	ng	#	1
10) Phenol	7.24	94	18670	9.446	ng		95
17) 2-Methylphenol	8.49	107	3596	2.716	ng		98
18) Hexachloroethane	9.15	117	2687	3.872	ng	#	1
20) 3+4-Methylphenols	8.83	107	4302	2.352	ng		91
30) 1,2,4-Trichlorobenzene	10.73	180	15928	8.743	ng		91
31) Naphthalene	10.93	128	76756	16.691	ng		97
32) Benzoic acid	10.28	122	70	10.228	ng	#	72
33) 4-Chloroaniline	10.92	127	10876	5.447	ng	#	34
35) Caprolactam	11.85	113	2123	3.401	ng	#	24
37) 2-Methylnaphthalene	12.52	142	46095	14.050	ng		98
38) 1-Methylnaphthalene	12.74	142	26872	8.441	ng		96
50) Dimethylphthalate	14.13	163	38005	7.578	ng		97
54) 2,4-Dinitrophenol	15.23	184	282	5.571	ng	#	20
56) 4-Nitrophenol	14.89	139	2494	2.838	ng	#	41
67) 4-Bromophenyl-phenylether	16.18	248	6717	3.801	ng	#	1
71) Phenanthrene	17.48	178	21727	2.896	ng	#	95
77) Benzidine	20.04	184	9968	2.213	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
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P001-SS013-3638-01

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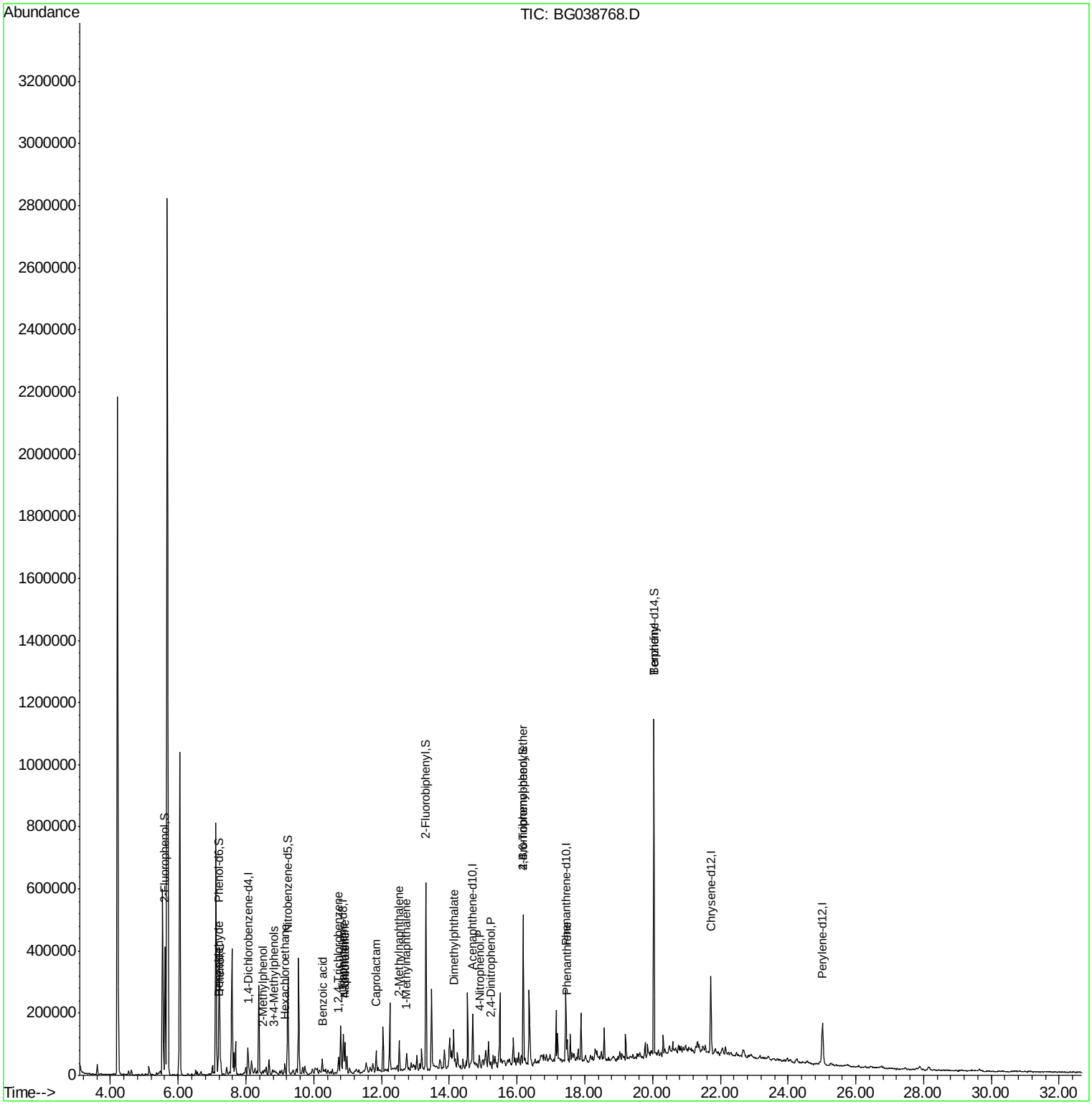
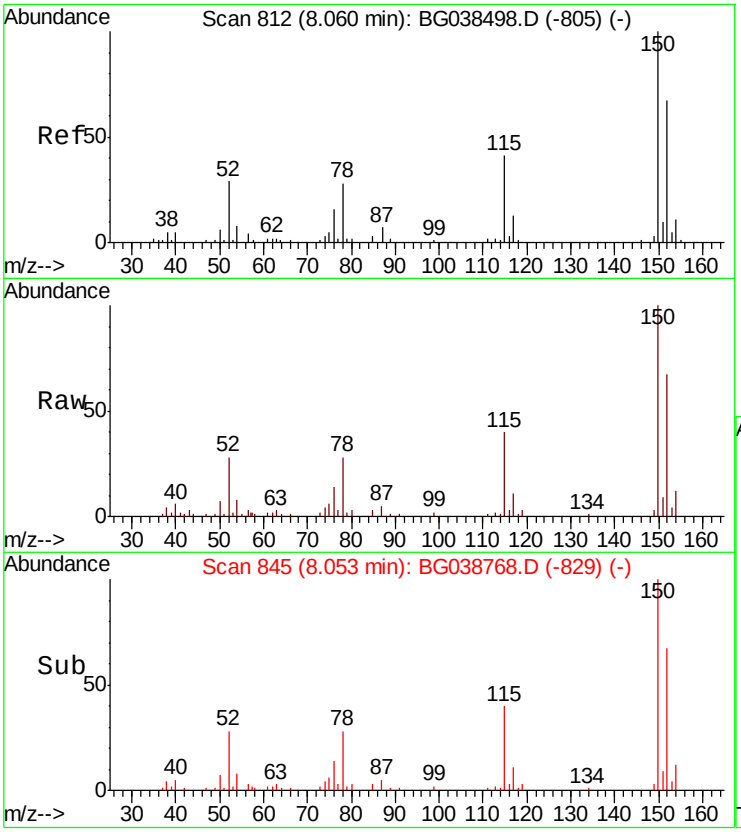


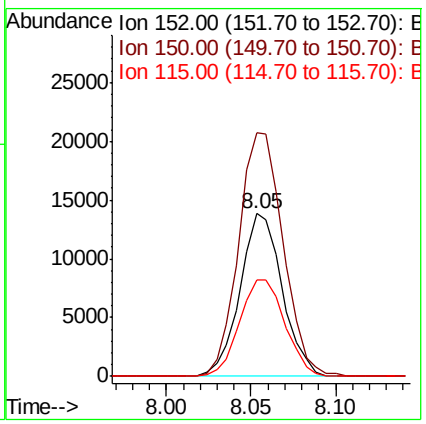


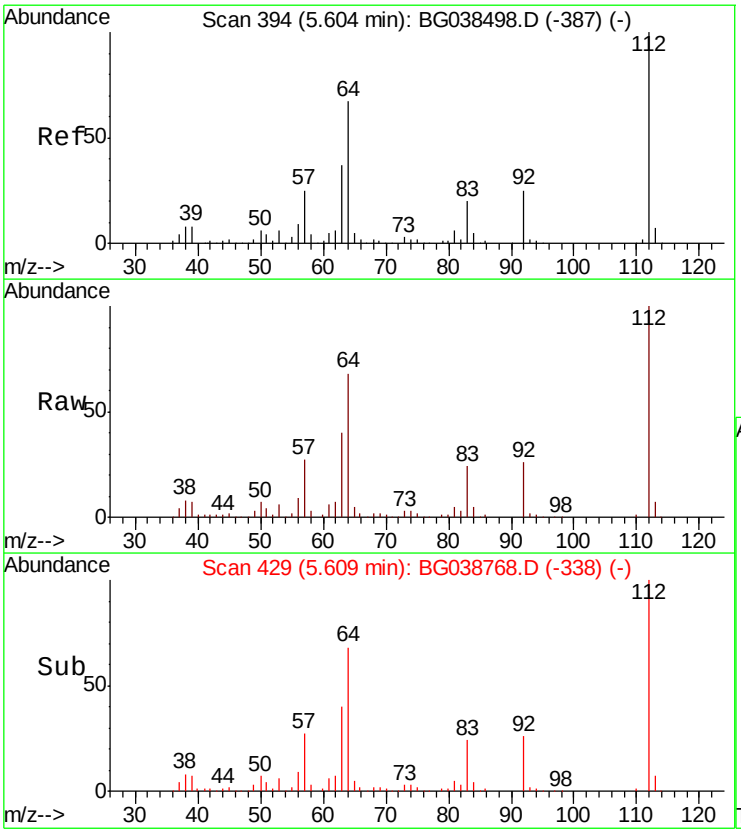
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:152 Resp: 24036

Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	59.1	49.6	74.4

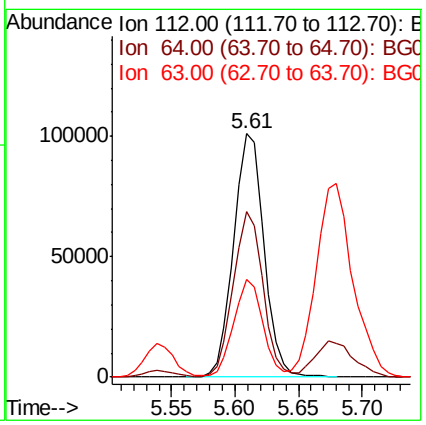


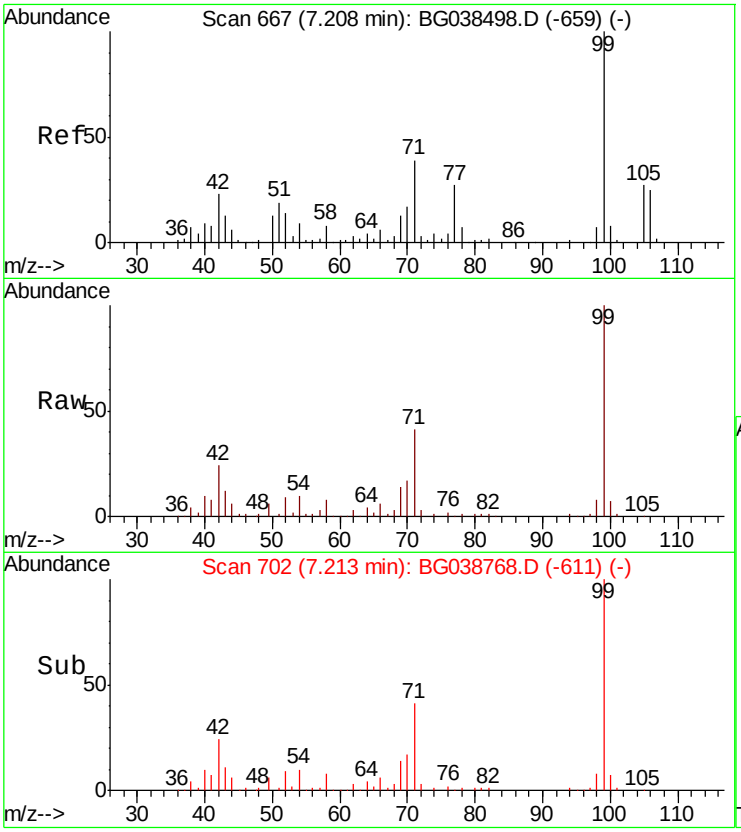


#5
2-Fluorophenol
Concen: 124.153 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:112 Resp: 168248

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.4	80.2
63	39.9	29.3	43.9



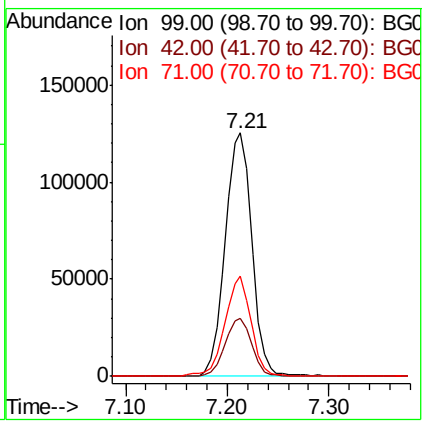


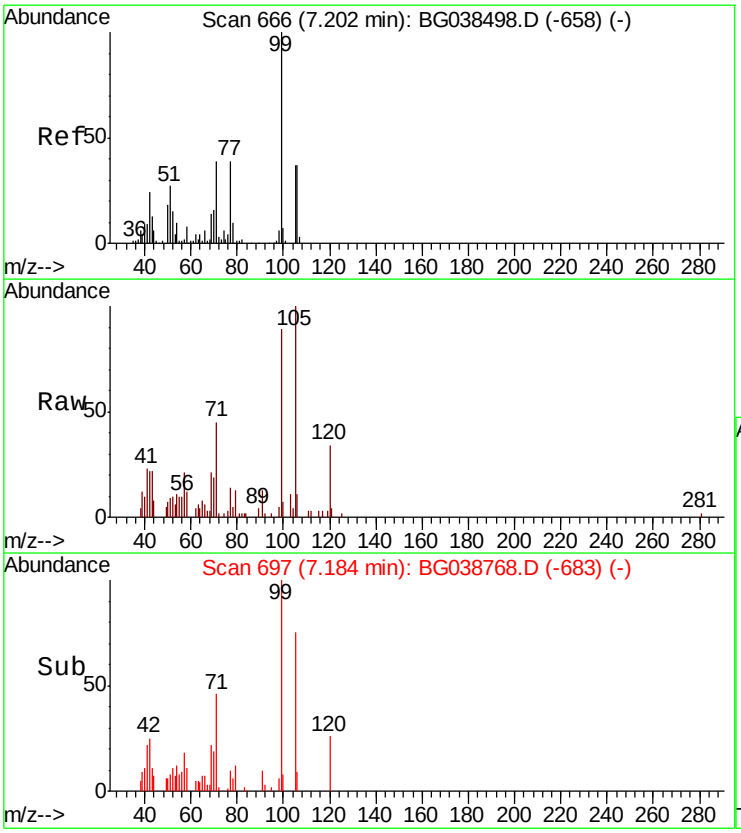
#7
Phenol-d6
Concen: 122.757 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion: 99 Resp: 228376

Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.5	27.7
71	41.2	31.1	46.7

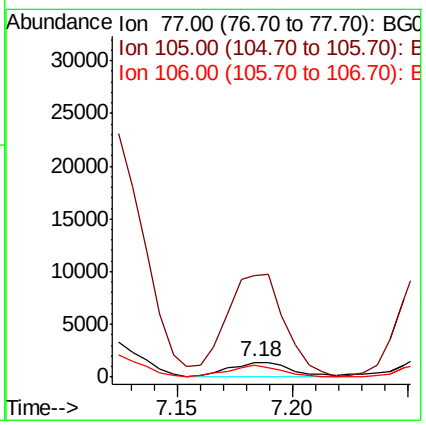


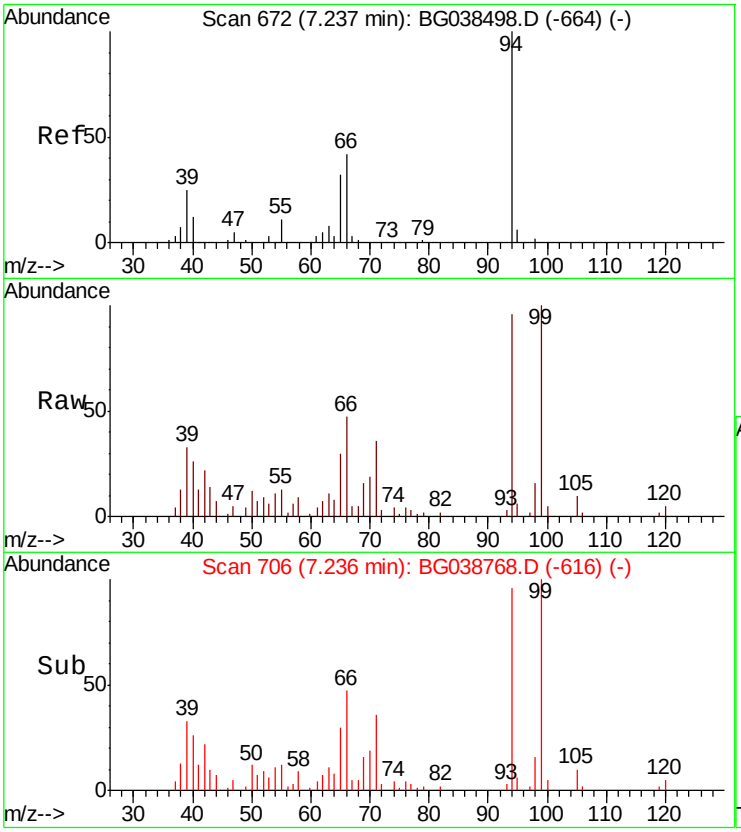


#9
Benzaldehyde
Concen: 2.213 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.02 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion: 77 Resp: 2671

Ion	Ratio	Lower	Upper
77	100		
105	695.6	74.0	114.0#
106	78.4	73.9	113.9



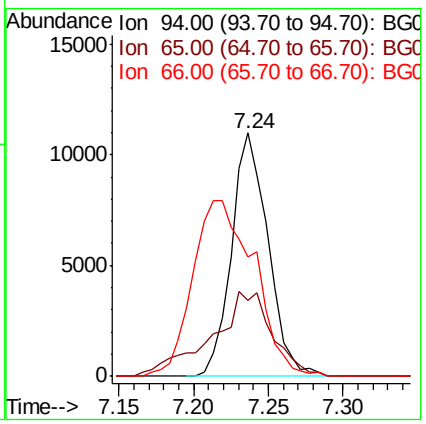


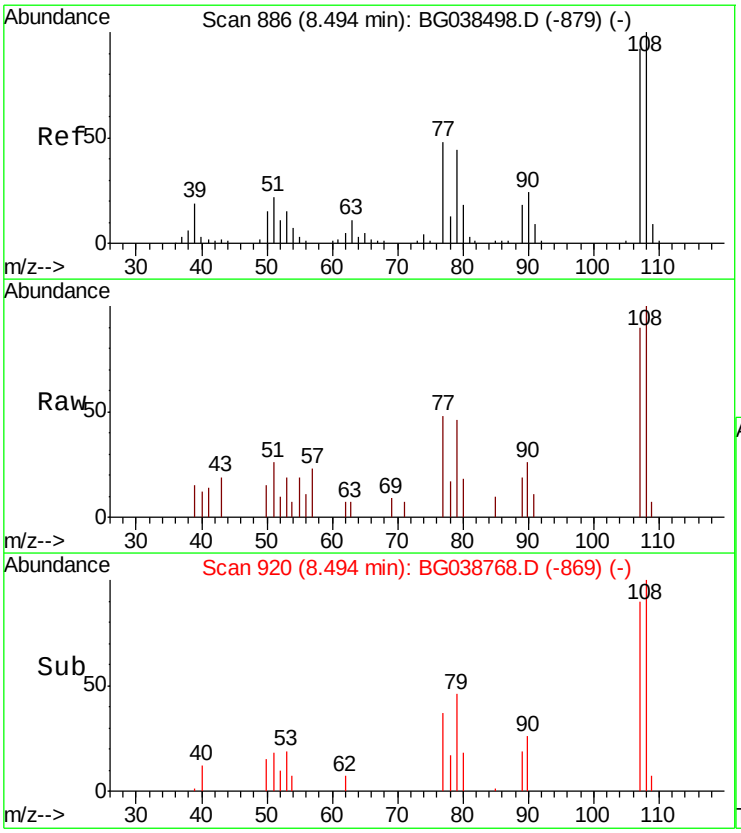
#10
Phenol
Concen: 9.446 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion: 94 Resp: 18670

Ion	Ratio	Lower	Upper
94	100		
65	31.4	12.6	52.6
66	48.8	24.1	64.1

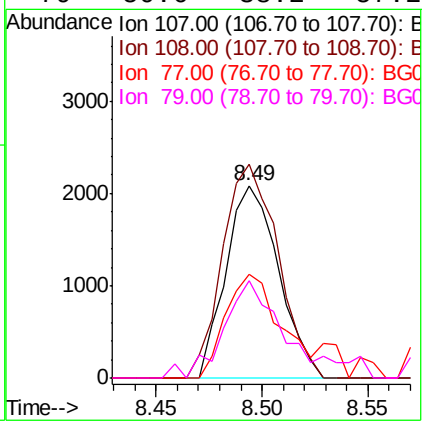


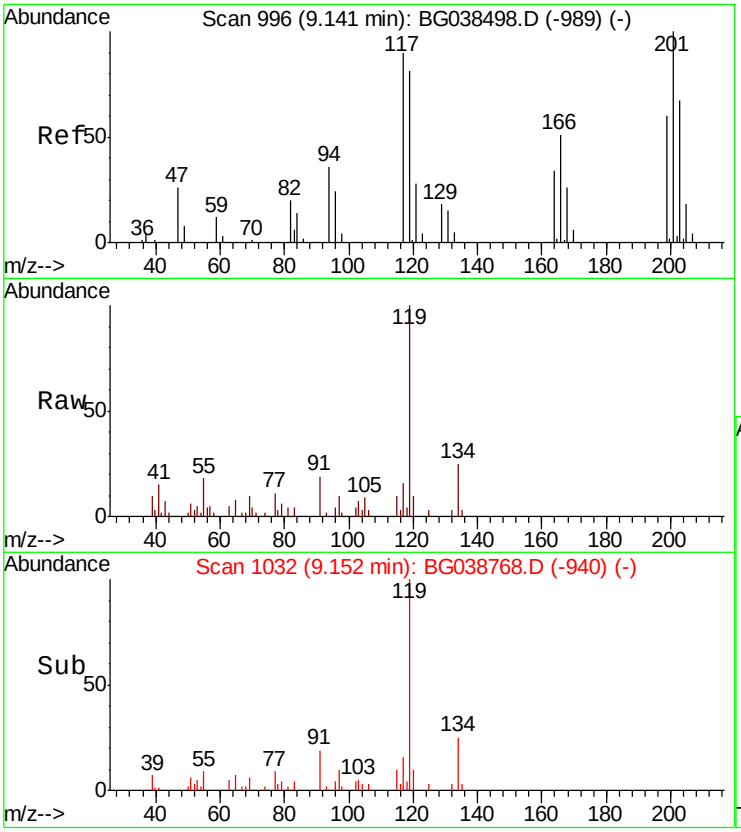


#17
2-Methylphenol
Concen: 2.716 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:107 Resp: 3596

Ion	Ratio	Lower	Upper
107	100		
108	111.0	87.1	130.7
77	53.6	42.0	63.0
79	50.6	38.2	57.2



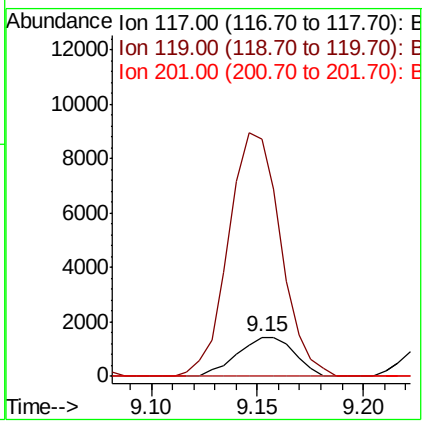


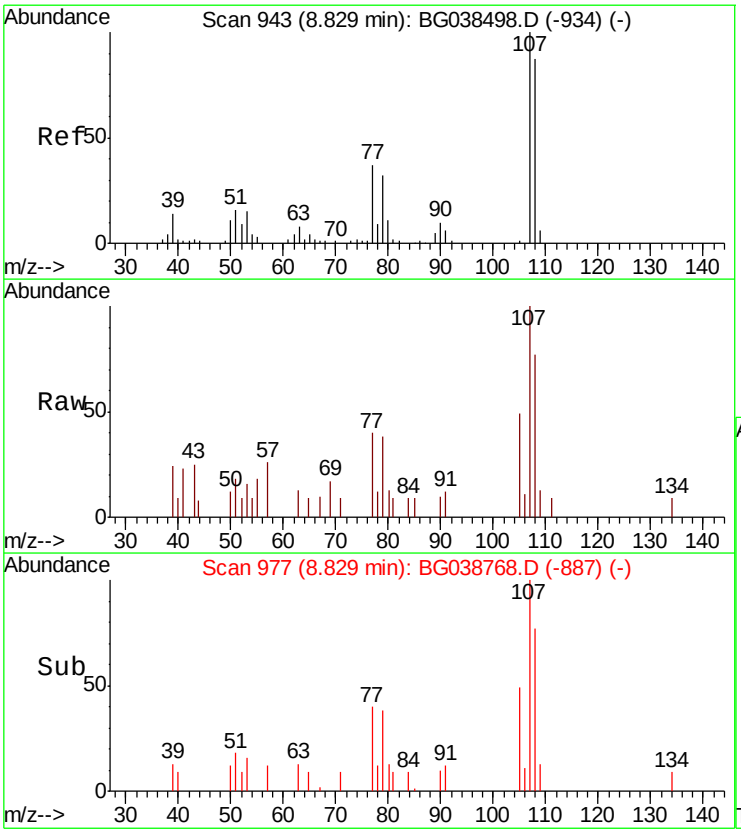
#18
Hexachloroethane
Concen: 3.872 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:117 Resp: 2687

Ion	Ratio	Lower	Upper
117	100		
119	610.3	73.8	110.8#
201	0.0	89.4	134.0#

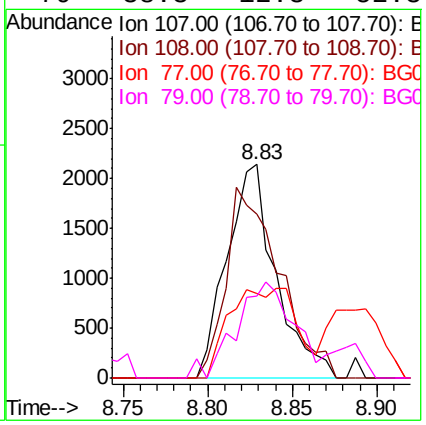


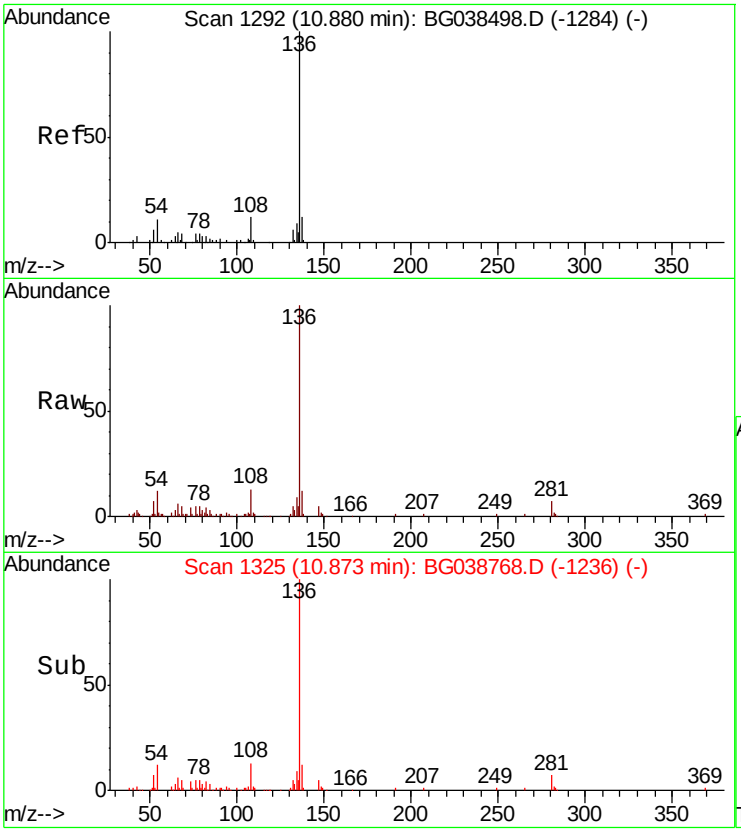


#20
3+4-Methylphenols
Concen: 2.352 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:107 Resp: 4302

Ion	Ratio	Lower	Upper
107	100		
108	77.0	66.7	106.7
77	39.8	17.3	57.3
79	38.3	12.3	52.3



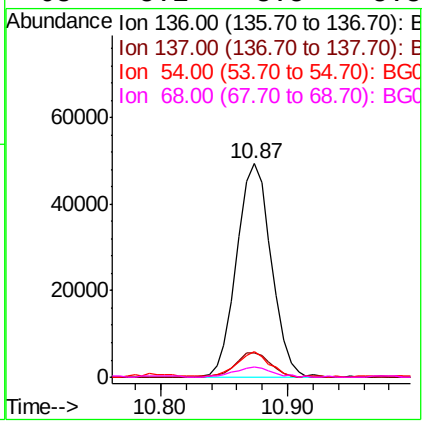


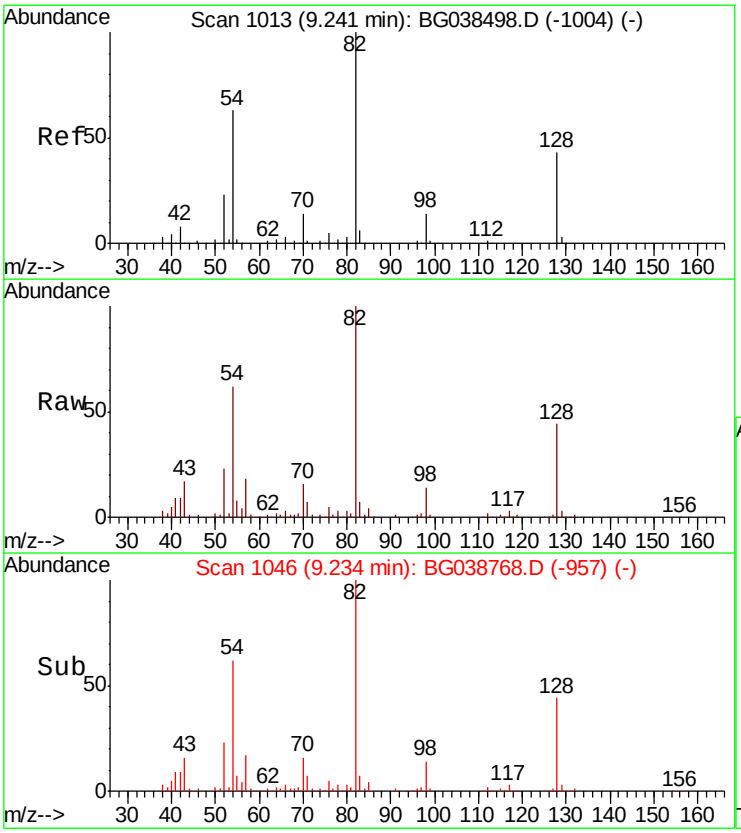
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:136 Resp: 93335

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	12.0	8.5	12.7
68	5.1	3.5	5.3

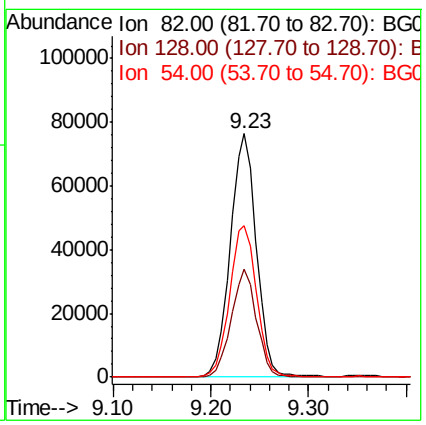


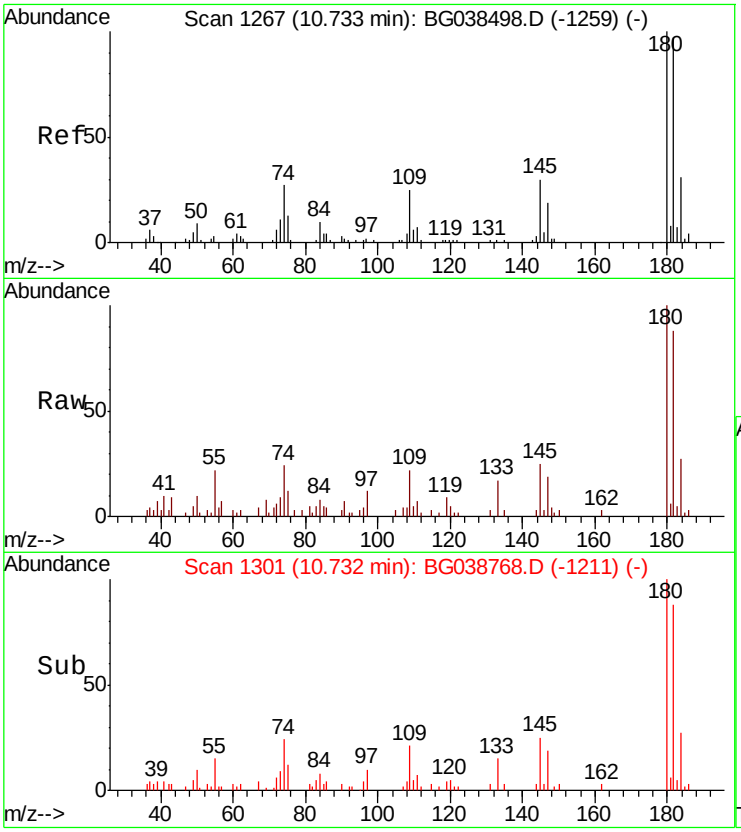


#23
Nitrobenzene-d5
Concen: 77.765 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion: 82 Resp: 142074

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	52.0
54	62.4	50.6	76.0



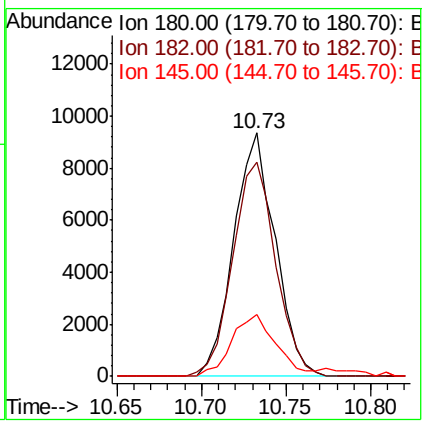


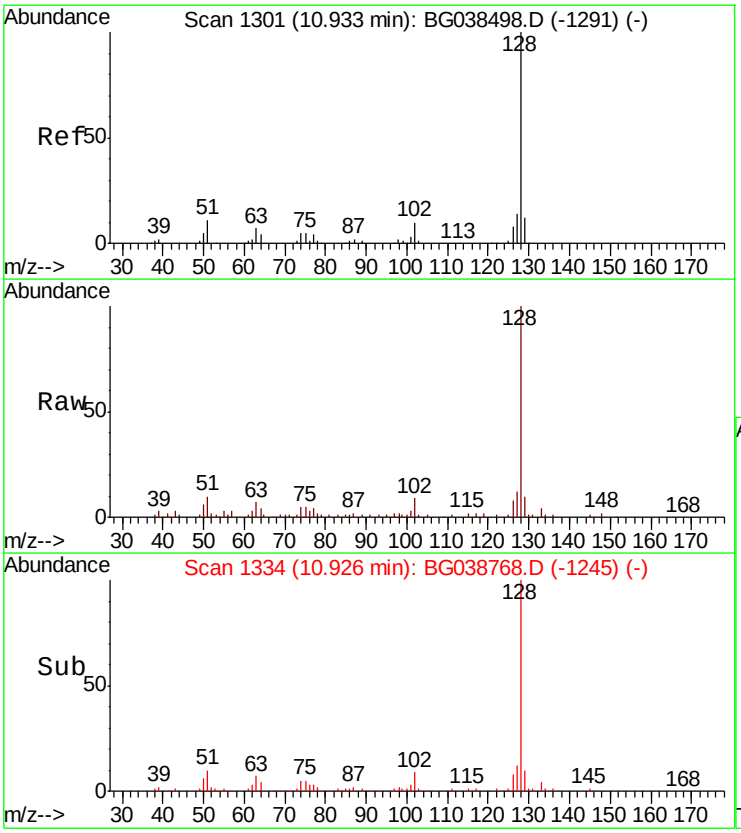
#30
1,2,4-Trichlorobenzene
Concen: 8.743 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:180 Resp: 15928

Ion	Ratio	Lower	Upper
180	100		
182	87.8	77.4	116.0
145	25.3	24.1	36.1

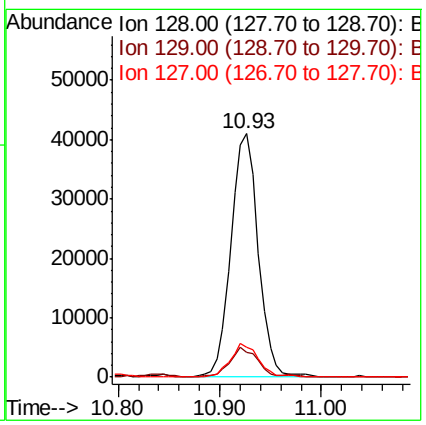


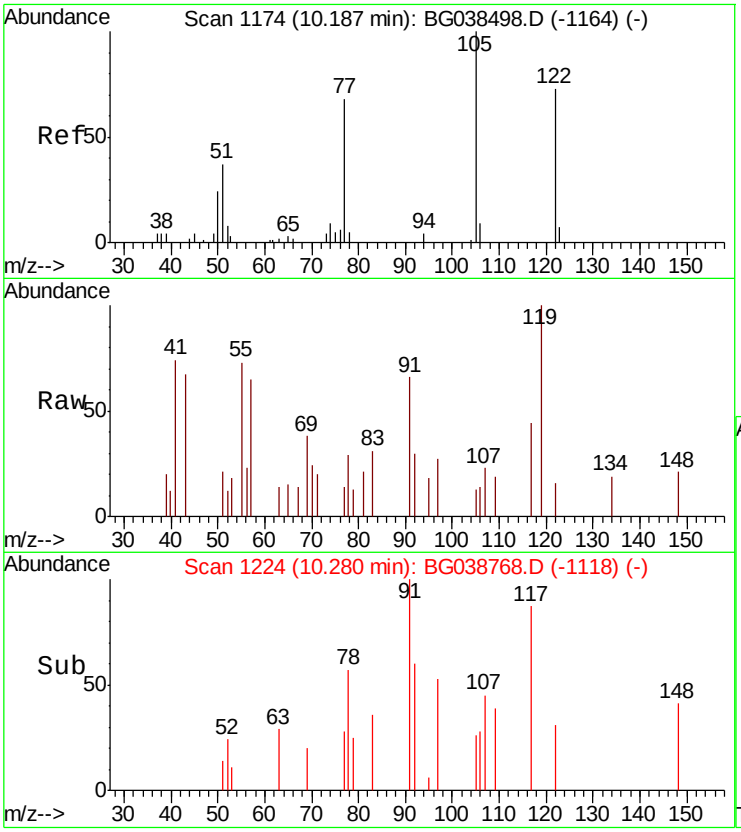


#31
Naphthalene
Concen: 16.691 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:128 Resp: 76756

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.5	14.3
127	12.5	10.9	16.3



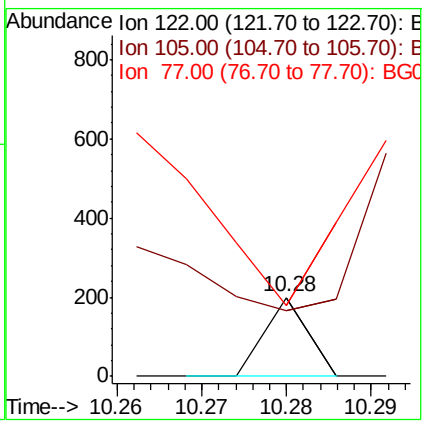


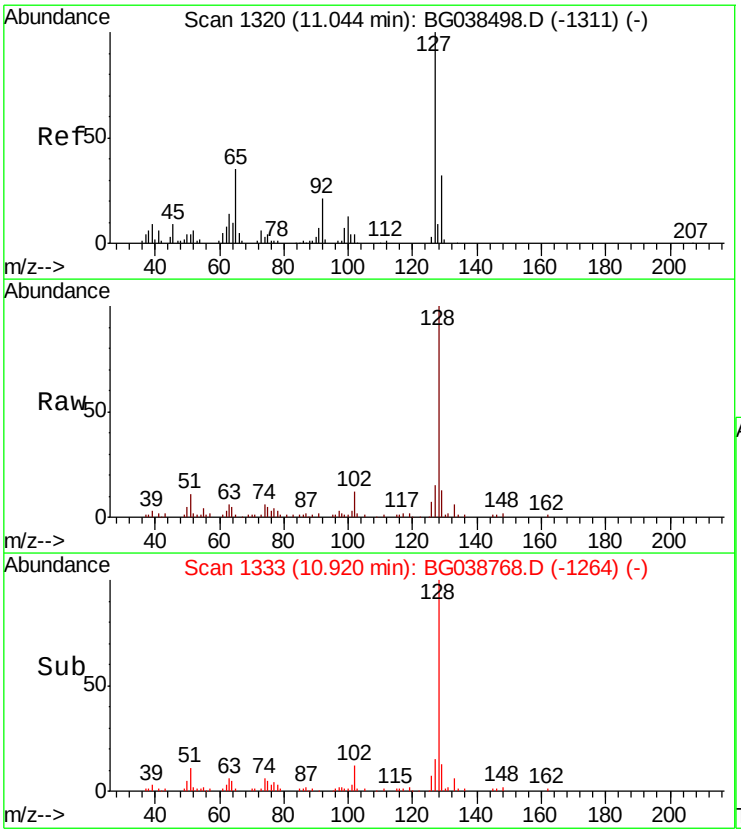
#32
Benzoic acid
Concen: 10.228 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.09 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:122 Resp: 70

Ion	Ratio	Lower	Upper
122	100		
105	82.5	116.7	156.7#
77	89.5	72.5	112.5

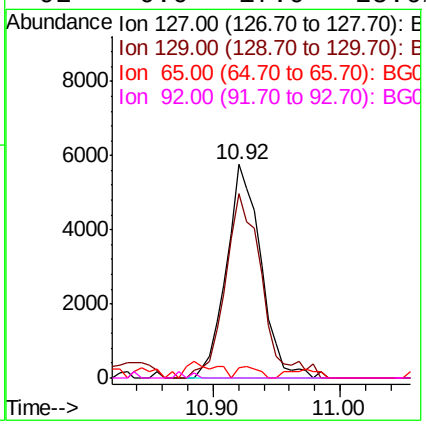


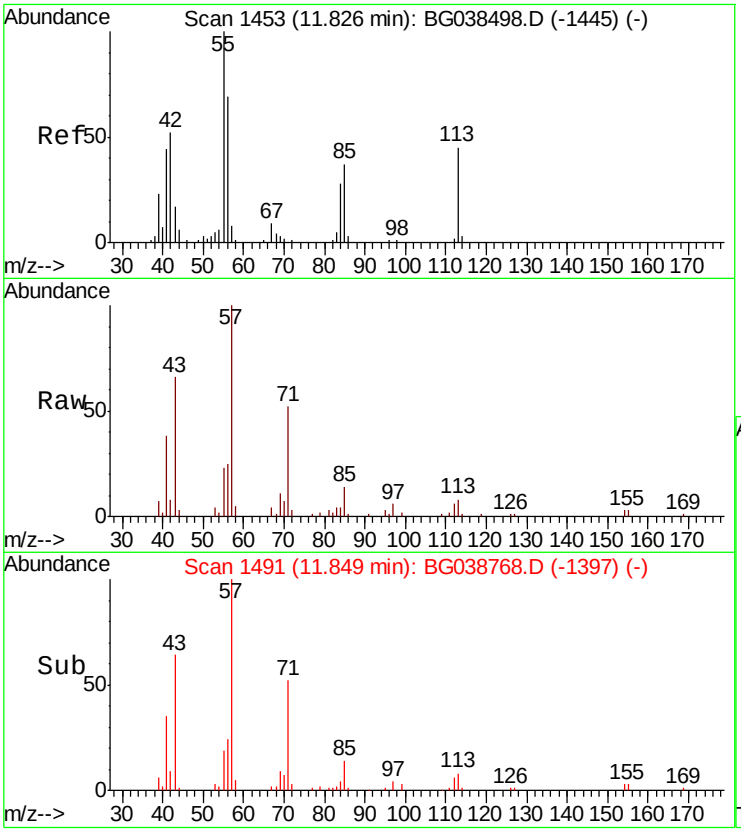


#33
4-Chloroaniline
Concen: 5.447 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.12 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:127 Resp: 10876

Ion	Ratio	Lower	Upper
127	100		
129	86.2	25.8	38.8#
65	5.1	27.8	41.6#
92	0.0	17.0	25.6#



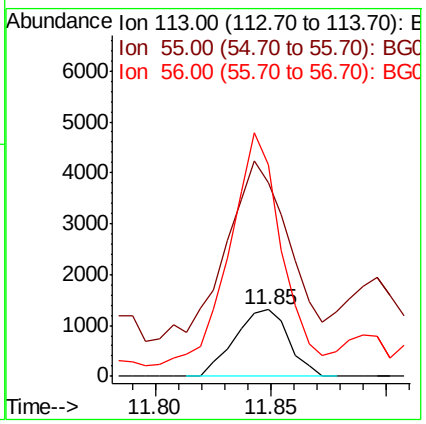


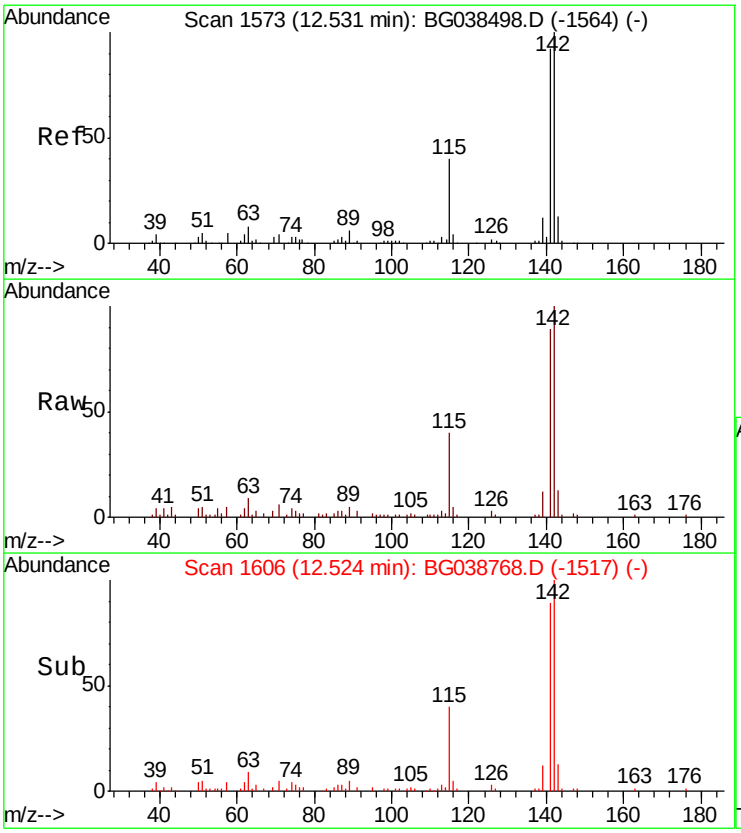
#35
Caprolactam
Concen: 3.401 ng
RT: 11.85 min Scan# 1491
Delta R.T. 0.02 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:113 Resp: 2123

Ion	Ratio	Lower	Upper
113	100		
55	291.4	204.3	244.3#
56	317.4	135.0	175.0#

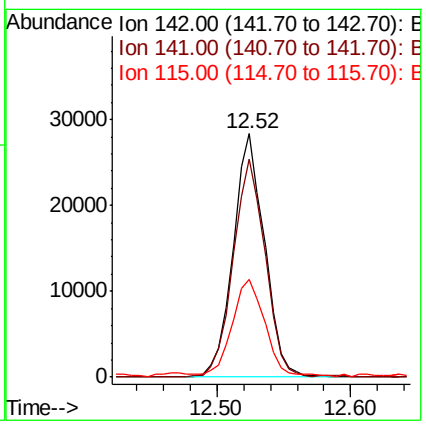


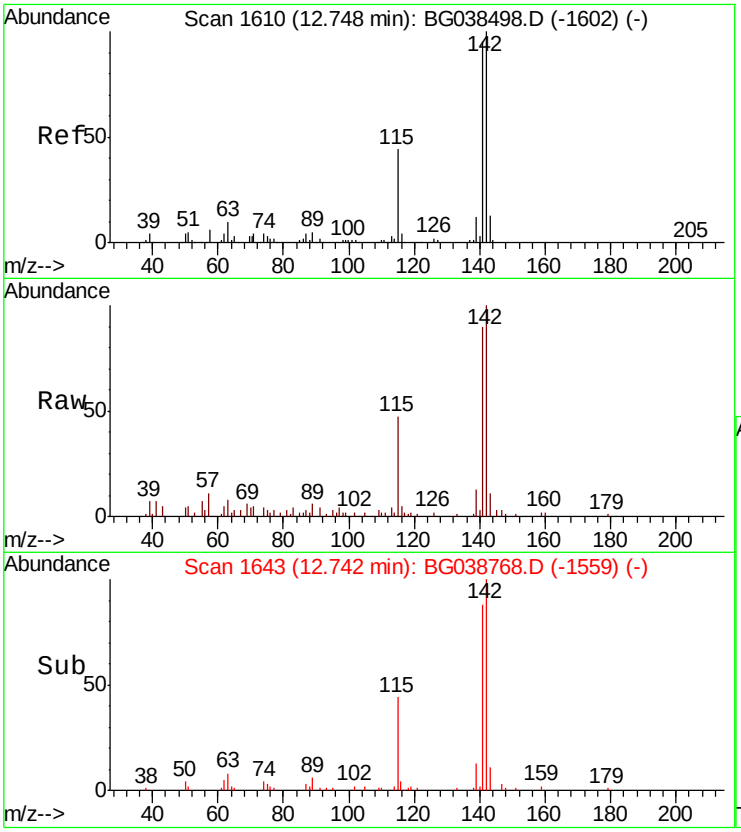


#37
2-Methylnaphthalene
Concen: 14.050 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:142 Resp: 46095

Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.5	110.3
115	40.3	31.7	47.5



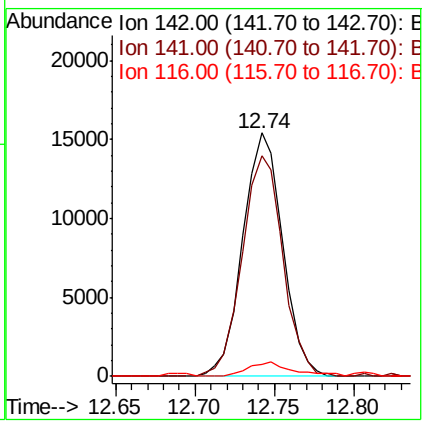


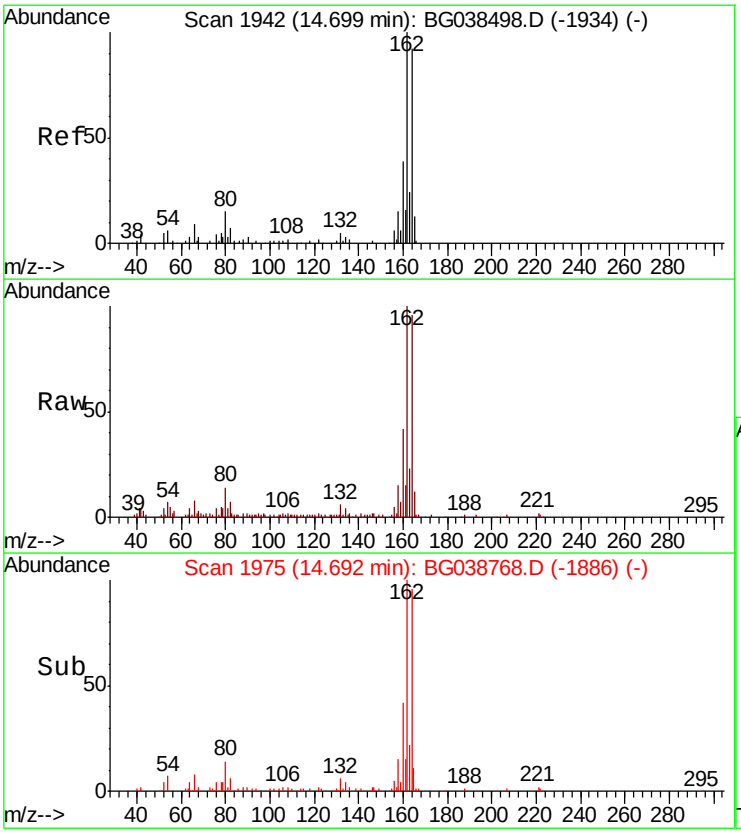
#38
1-Methylnaphthalene
Concen: 8.441 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:142 Resp: 26872

Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.8	113.8
116	5.1	3.6	5.4

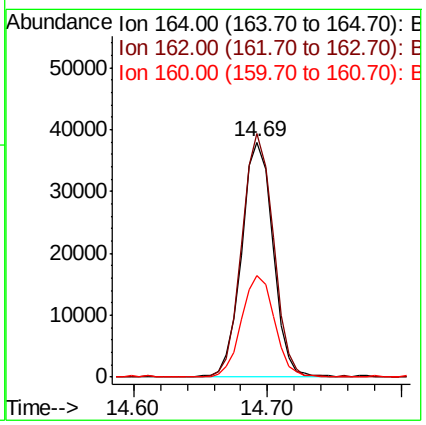


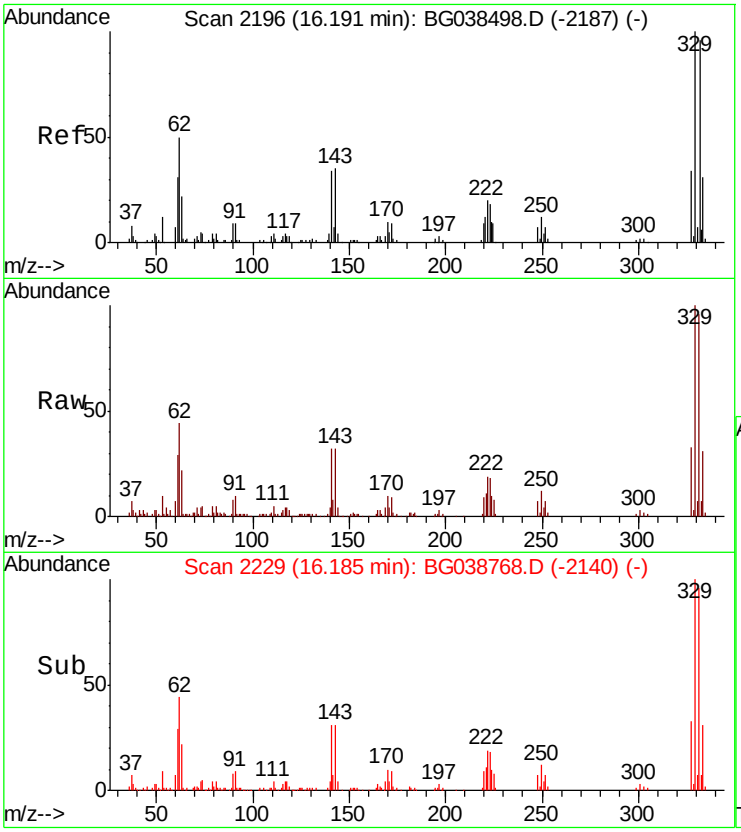


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:164 Resp: 61409

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.6	130.0
160	43.5	34.2	51.2



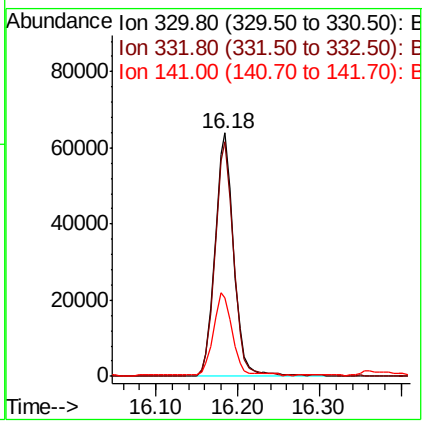


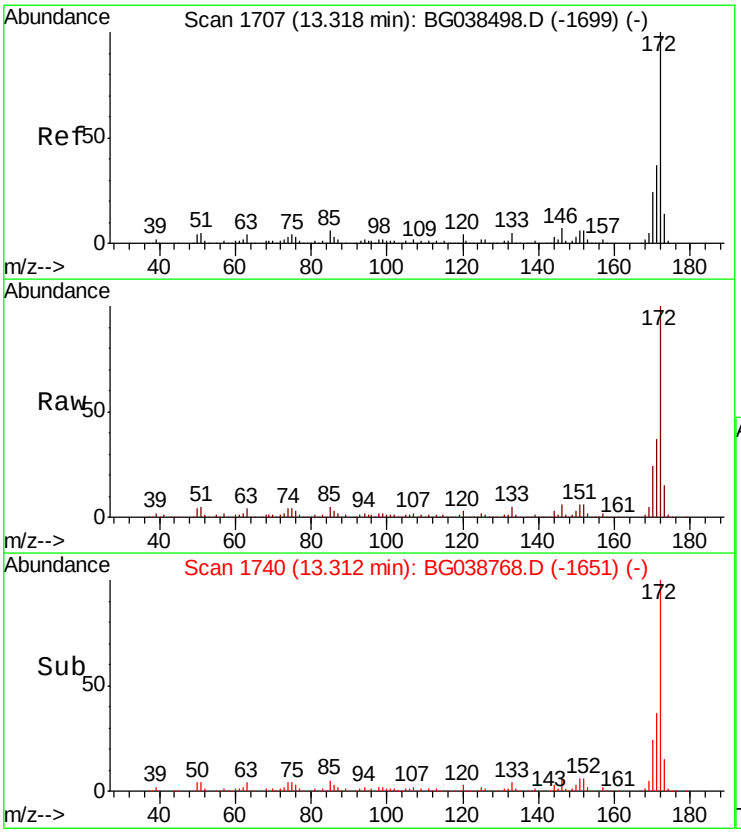
#42
2,4,6-Tribromophenol
Concen: 120.578 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:330 Resp: 102048

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	34.3	28.8	43.2

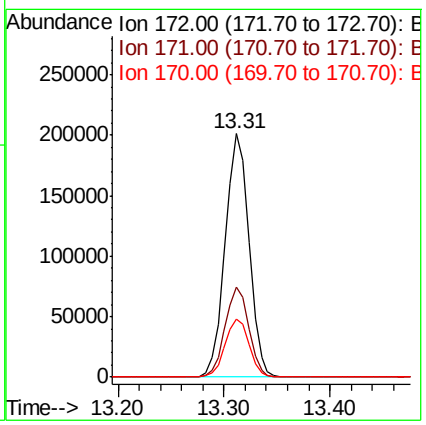


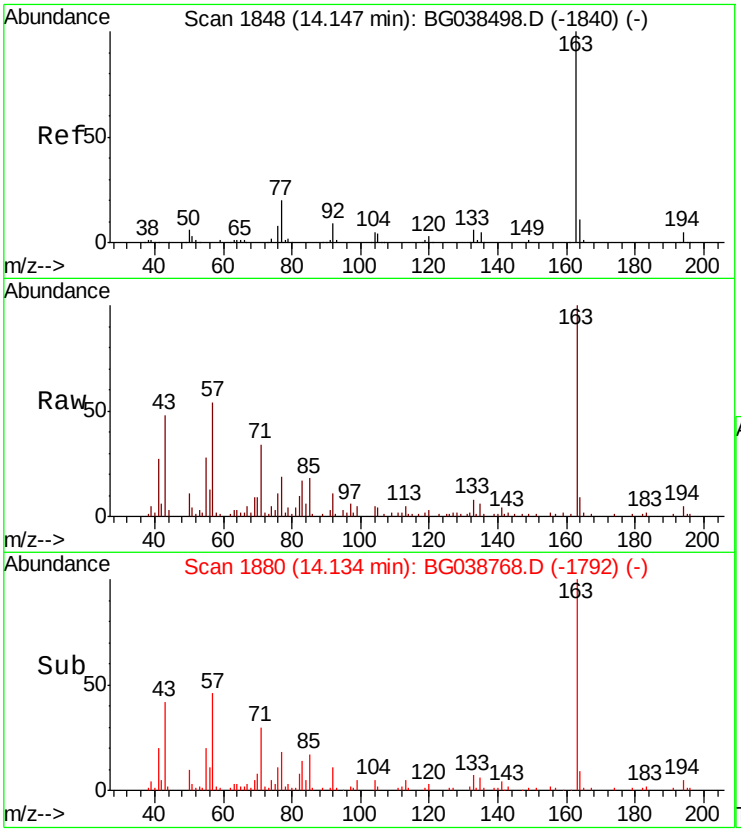


#45
2-Fluorobiphenyl
Concen: 69.831 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:172 Resp: 312589

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	23.9	19.5	29.3



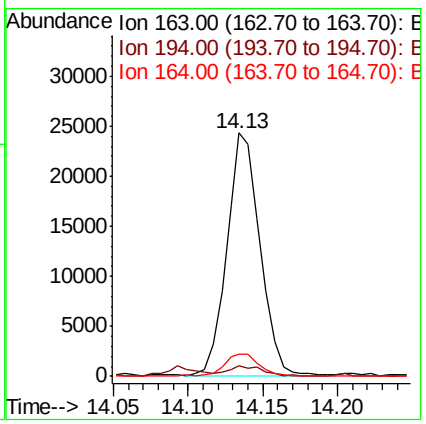


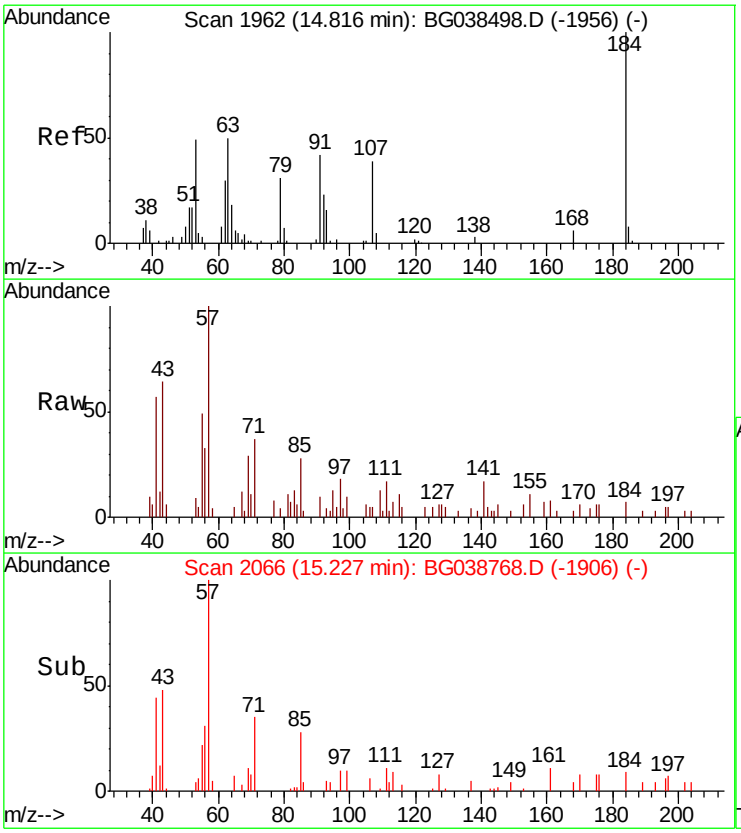
#50
Dimethylphthalate
Concen: 7.578 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:163 Resp: 38005

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	9.2	8.6	12.8

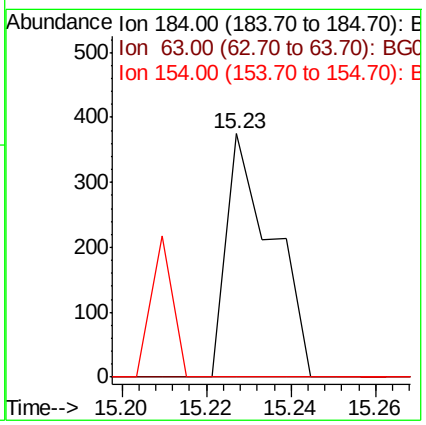


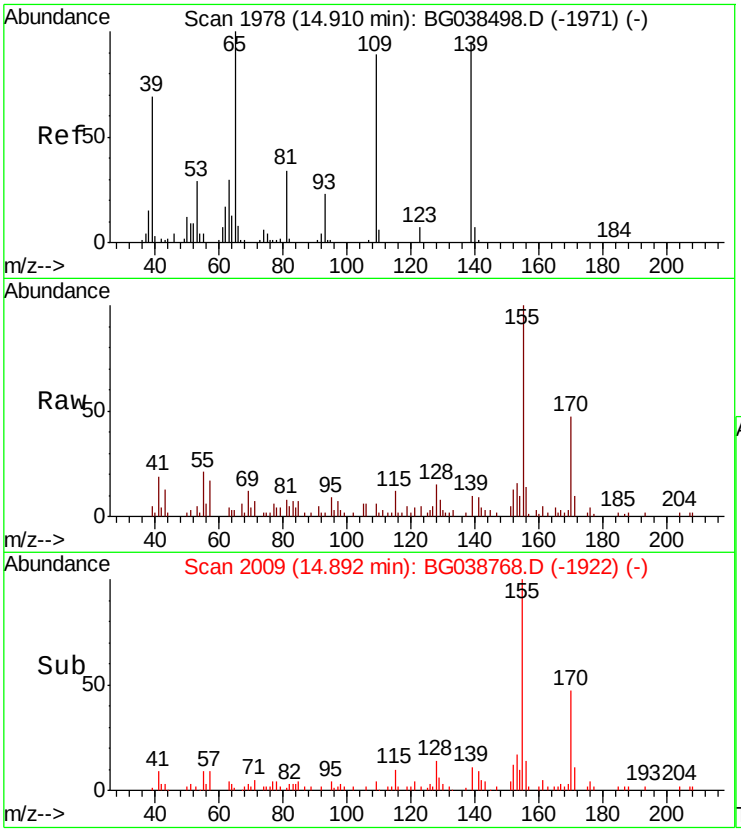


#54
2,4-Dinitrophenol
Concen: 5.571 ng
RT: 15.23 min Scan# 2066
Delta R.T. 0.41 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:184 Resp: 282

Ion	Ratio	Lower	Upper
184	100		
63	0.0	47.0	70.6#
154	0.0	50.3	75.5#



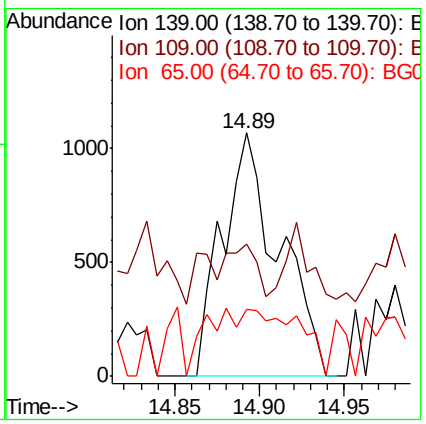


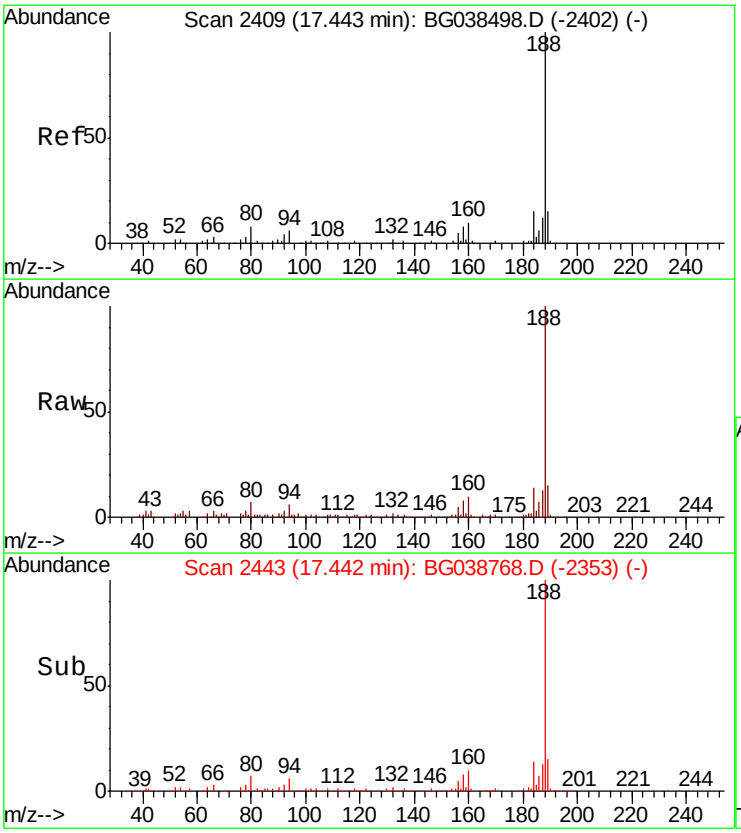
#56
4-Nitrophenol
Concen: 2.838 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:139 Resp: 2494

Ion	Ratio	Lower	Upper
139	100		
109	54.4	73.6	113.6#
65	27.6	84.8	124.8#

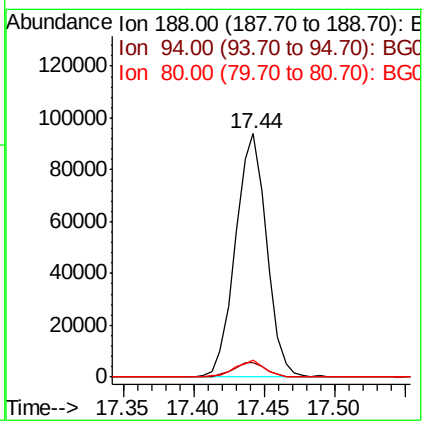


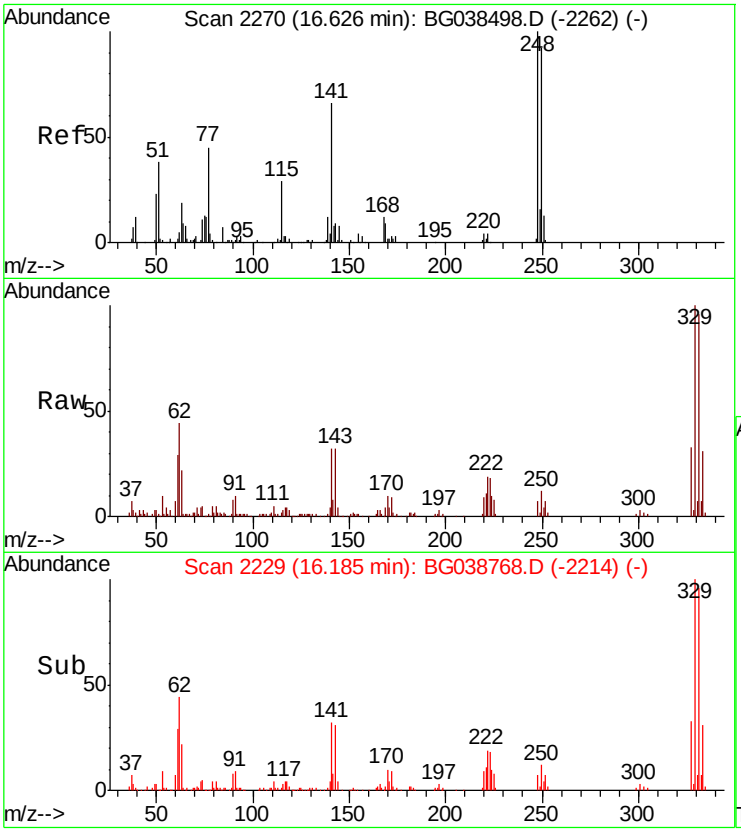


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:188 Resp: 144694

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.1	7.7
80	6.8	6.1	9.1



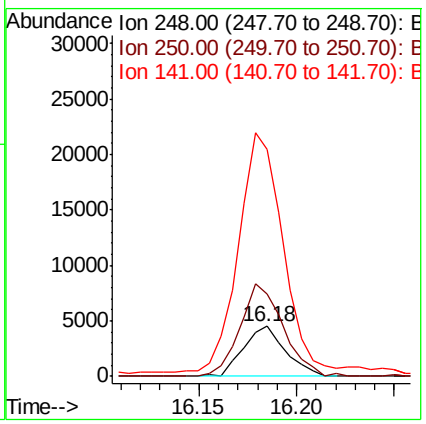


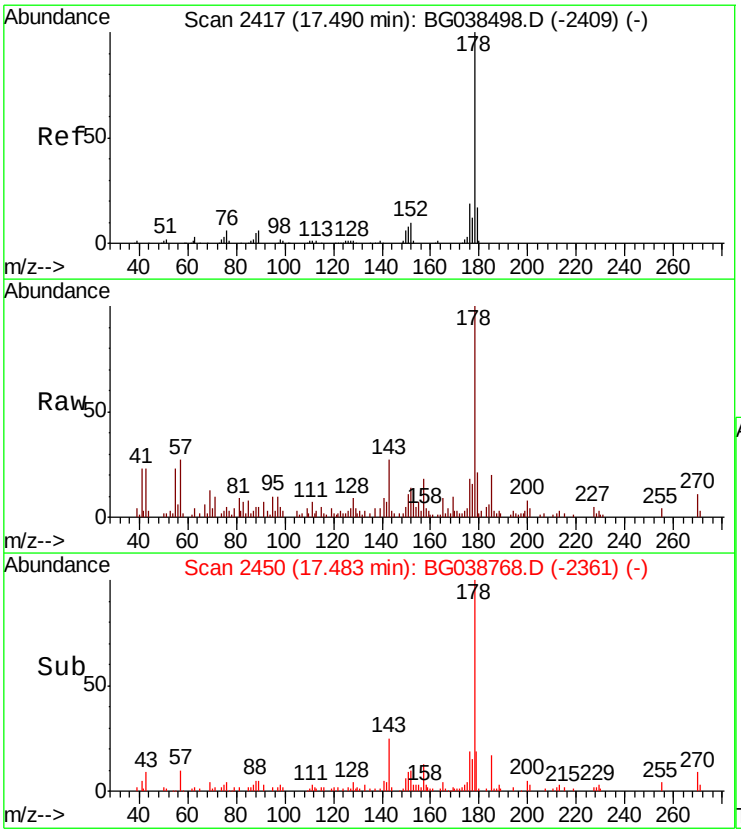
#67
4-Bromophenyl-phenylether
Concen: 3.801 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:248 Resp: 6717

Ion	Ratio	Lower	Upper
248	100		
250	169.3	73.4	110.2#
141	355.9	52.9	79.3#

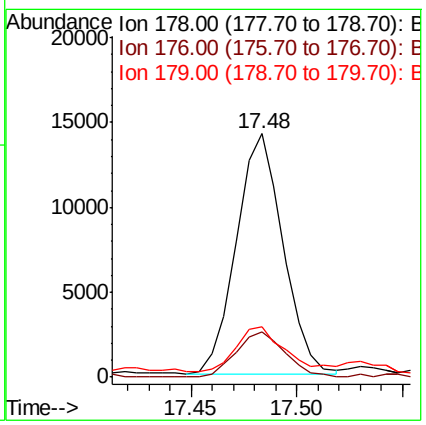


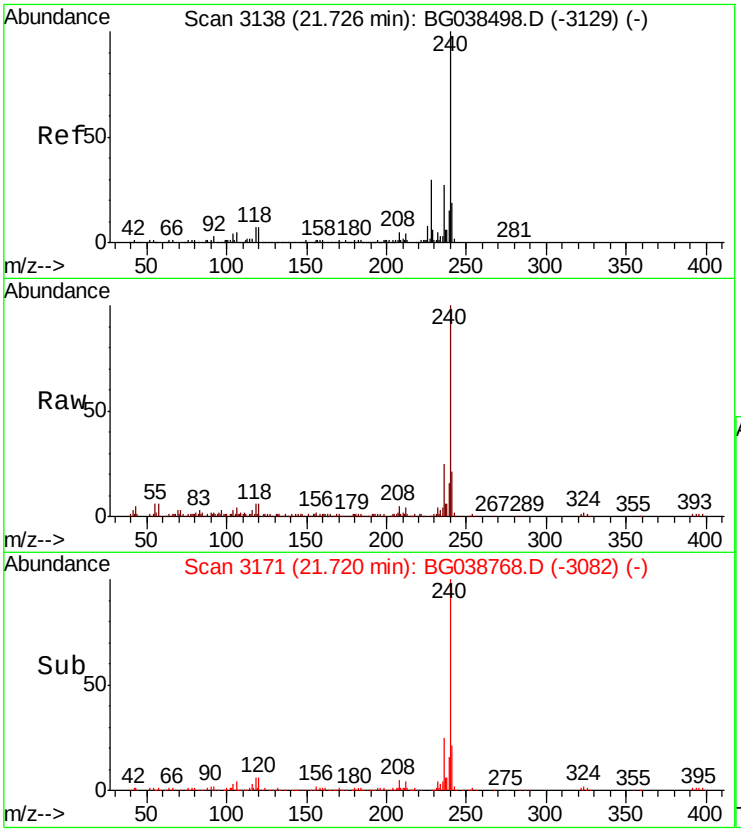


#71
Phenanthrene
Concen: 2.896 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:178 Resp: 21727

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	20.7	13.2	19.8#



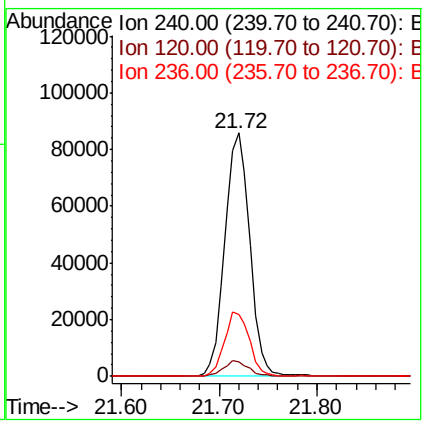


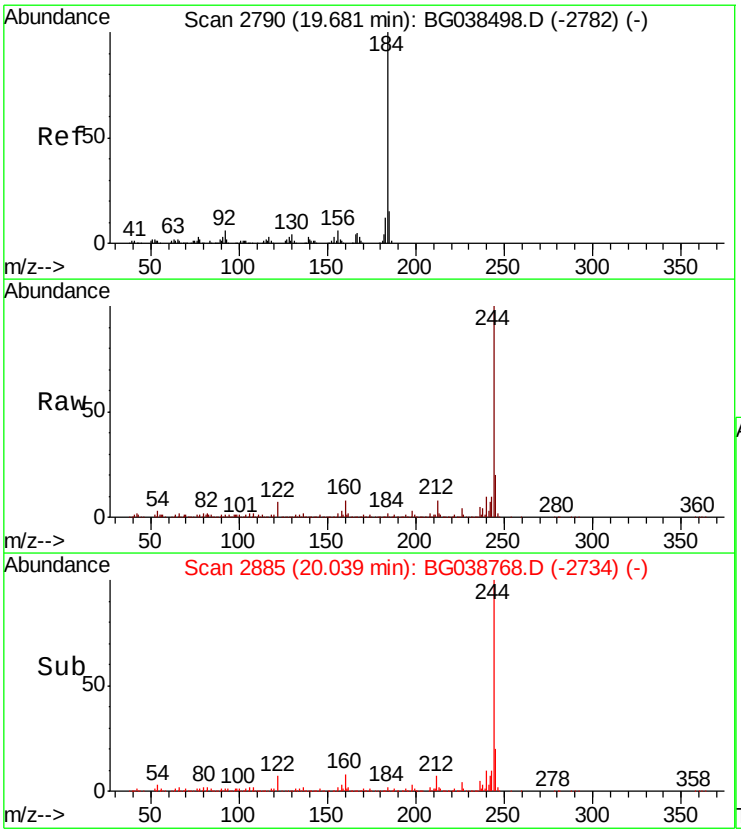
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:240 Resp: 152320

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.3	7.9
236	25.3	21.4	32.2

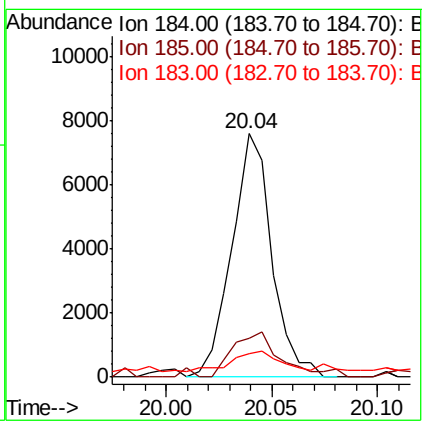


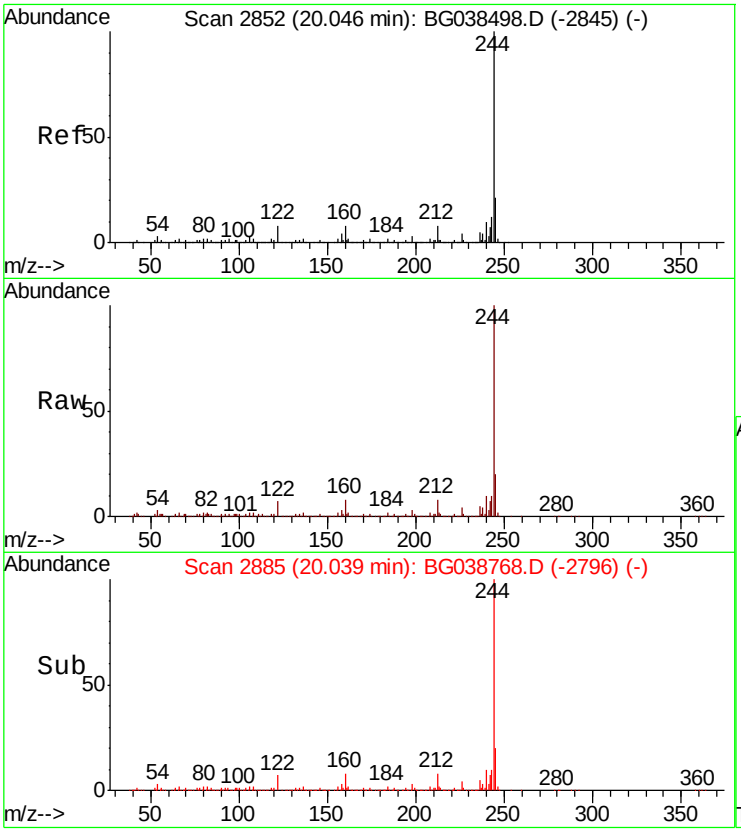


#77
Benzidine
Concen: 2.213 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:184 Resp: 9968

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.2
183	9.7	9.6	14.4



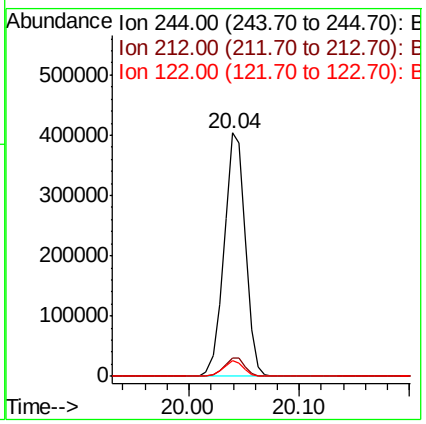


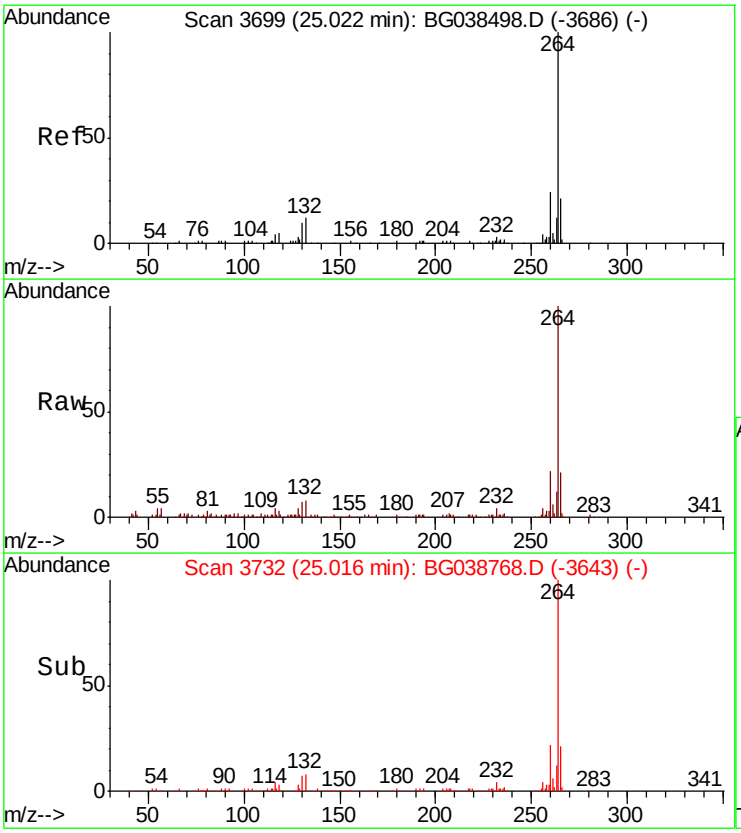
#79
Terphenyl-d14
Concen: 77.879 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Instrument :
BNA_G
ClientSampleId :
P001-SS013-3638-01

Tgt Ion:244 Resp: 545068

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	6.5	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038768.D
Acq: 20 Dec 2018 18:52

Tgt Ion:264 Resp: 166774

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.9	28.3
265	21.2	17.0	25.4