Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038719.D
Acq On : 19 Dec 2018 8:29
Operator : JU/SJ
Sample : J6398-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 19 10:12:23 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	8.06	152	26486	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	102726	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	67831	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	170232	20.00	ng		0.00
76) Chrysene-d12	21.72	240	190586	20.00	ng		0.00
87) Perylene-d12	25.02	264	201451	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	74058	49.59	ng		0.00
7) Phenol-d6	7.21	99	61320	29.91	ng		0.00
23) Nitrobenzene-d5	9.23	82	140576	69.91	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	120565	128.97	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	351963	71.18	ng		0.00
79) Terphenyl-d14	20.05	244	657165	75.04	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.18	77	19372	14.567	ng	#	1
10) Phenol	7.24	94	16311	7.489	ng		97
18) Hexachloroethane	9.16	117	19775	25.861	ng	#	1
20) 3+4-Methylphenols	8.82	107	6135	3.044	ng		95
22) Acetophenone	8.85	105	43739	17.046	ng	#	50
24) Nitrobenzene	9.24	77	5597	2.751	ng	#	16
31) Naphthalene	10.93	128	361886	71.499	ng		100
32) Benzoic acid	10.23	122	1847	11.700	ng	#	1
33) 4-Chloroaniline	10.93	127	50076	22.789	ng	#	33
35) Caprolactam	11.85	113	2548	3.709	ng	#	6
37) 2-Methylnaphthalene	12.52	142	148711	41.184	ng		98
38) 1-Methylnaphthalene	12.74	142	144789	41.322	ng		93
46) 1,1'-Biphenyl	13.53	154	11941	2.100	ng		96
50) Dimethylphthalate	14.14	163	18916	3.415	ng	#	94
54) 2,4-Dinitrophenol	15.07	184	55	5.250	ng	#	1
67) 4-Bromophenyl-phenylether	16.18	248	7583	3.647	ng	#	1
77) Benzidine	20.05	184	11415	2.025	ng		95

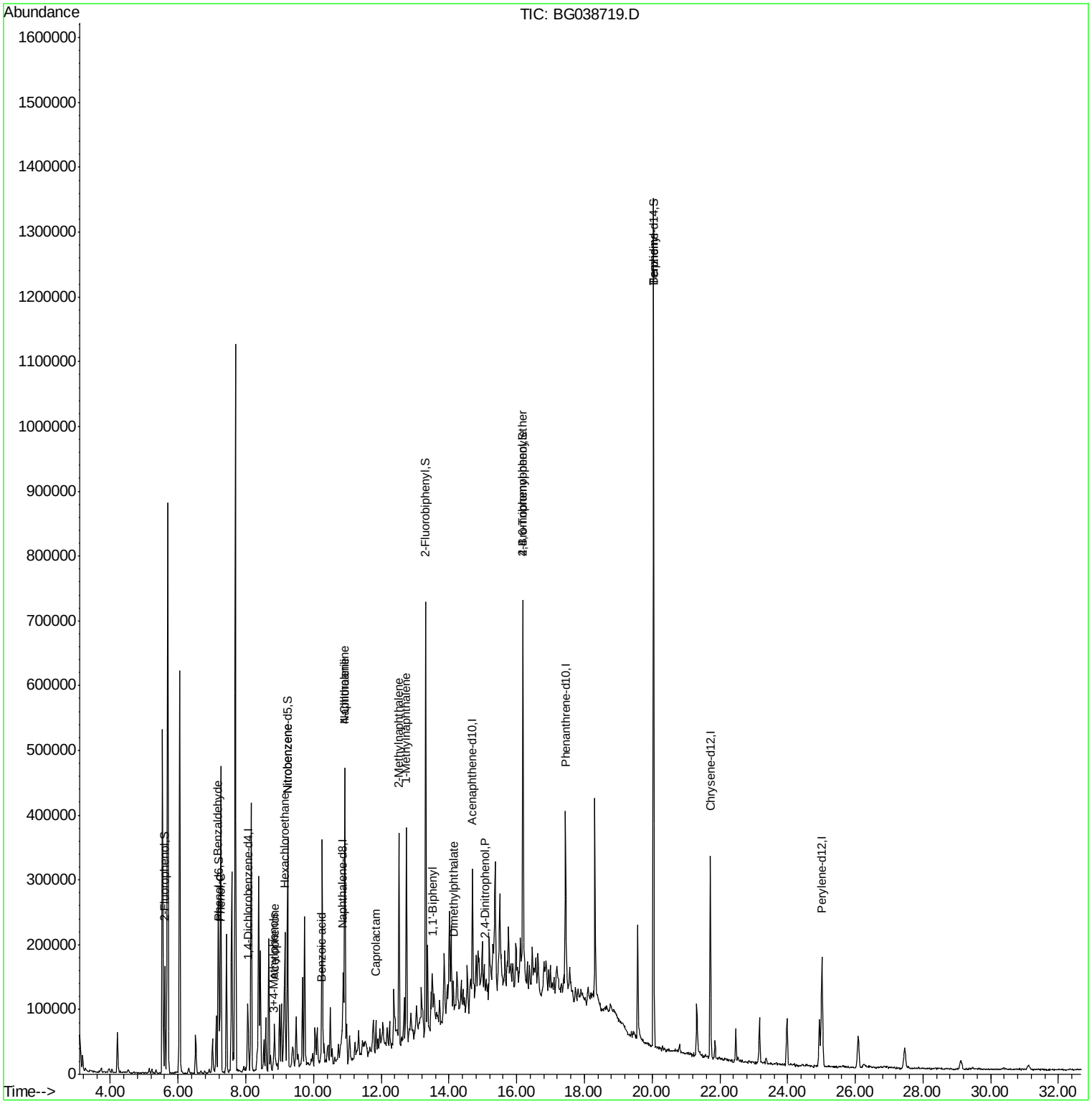
(#) = qualifier out of range (m) = manual integration (+) = signals summed

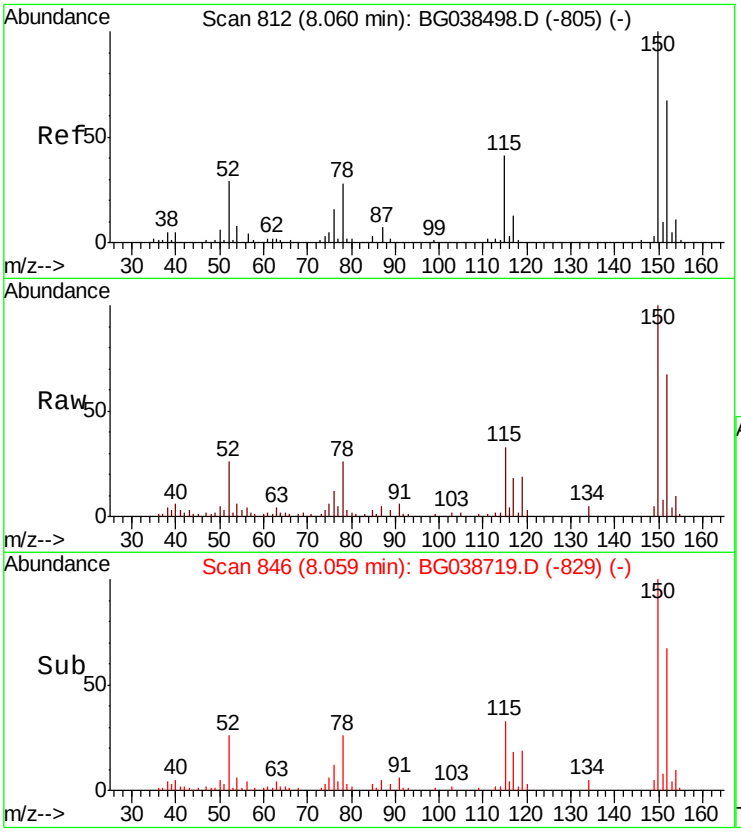
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038719.D
Acq On : 19 Dec 2018 8:29
Operator : JU/SJ
Sample : J6398-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 19 10:12:23 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



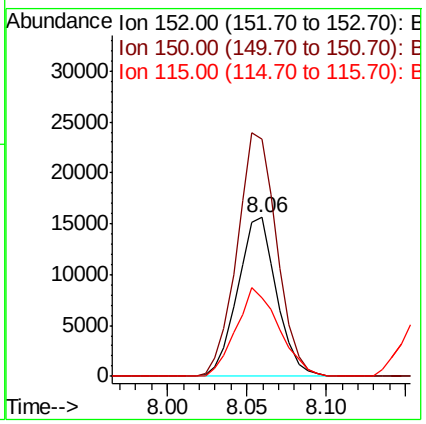


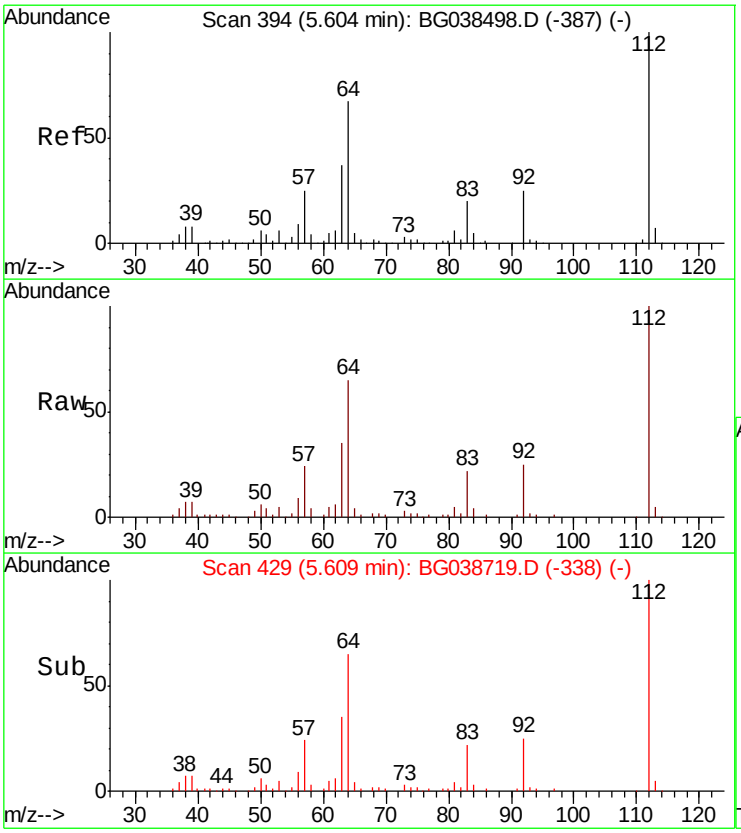
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 26486

Ion	Ratio	Lower	Upper
152	100		
150	149.2	119.5	179.3
115	49.2	49.6	74.4#

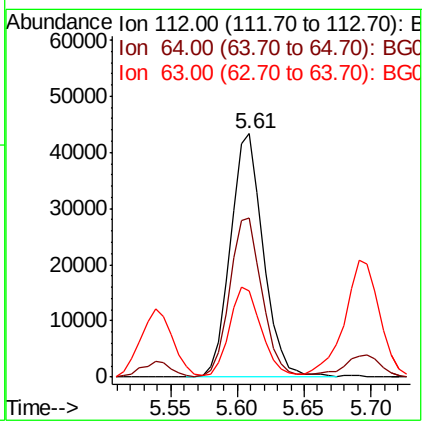


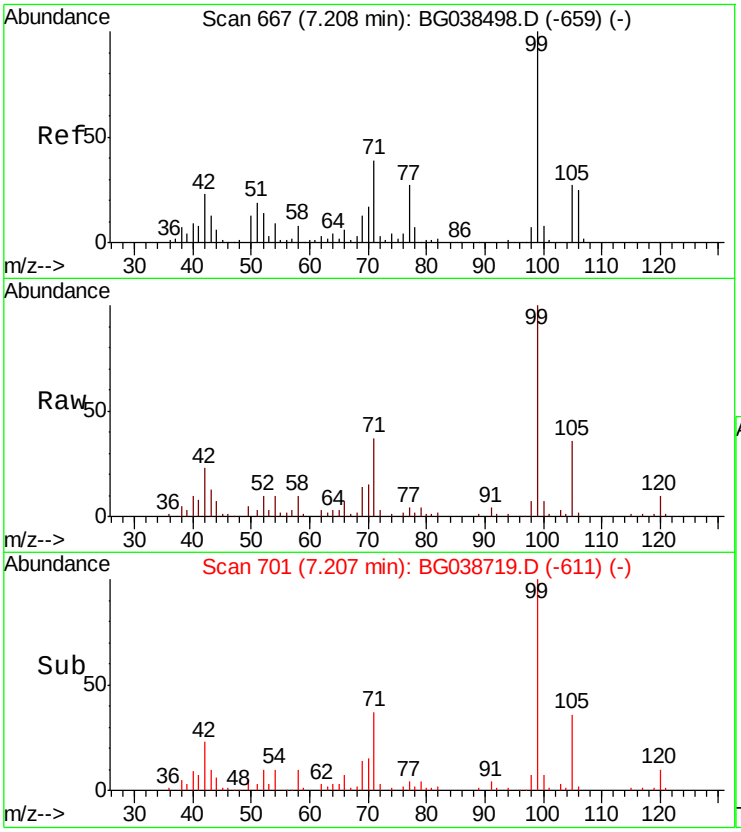


#5
2-Fluorophenol
Concen: 49.593 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion:112 Resp: 74058

Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.4	80.2
63	35.2	29.3	43.9



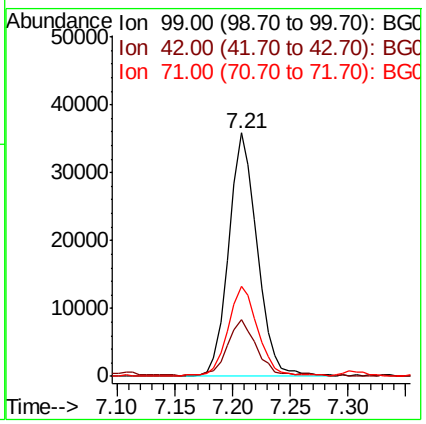


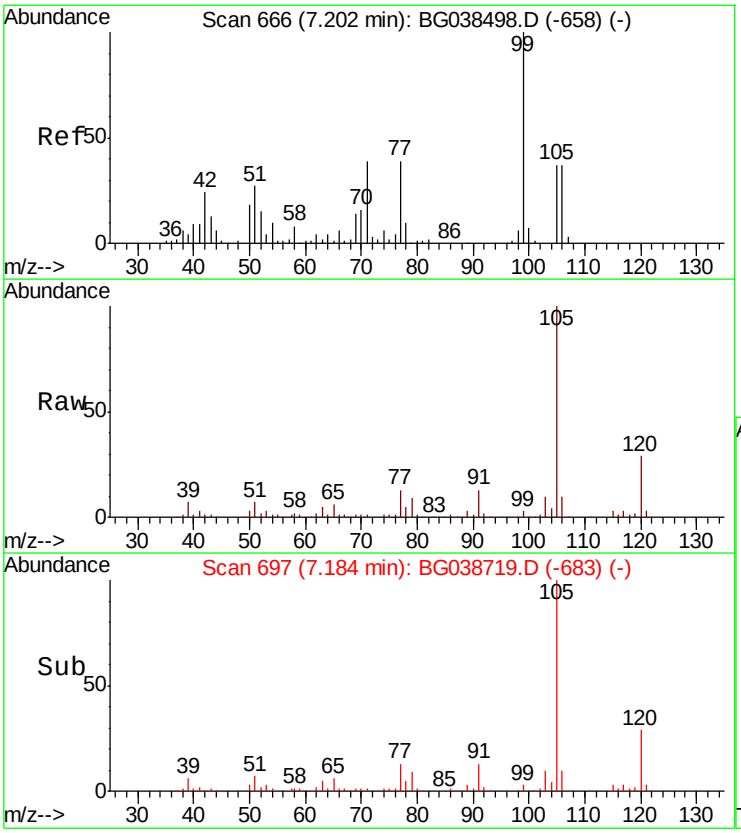
#7
Phenol-d6
Concen: 29.912 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 61320

Ion	Ratio	Lower	Upper
99	100		
42	23.5	18.5	27.7
71	37.1	31.1	46.7

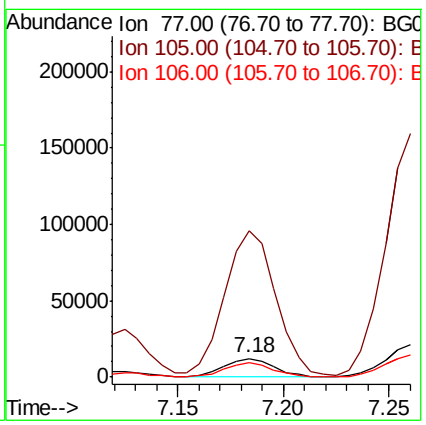


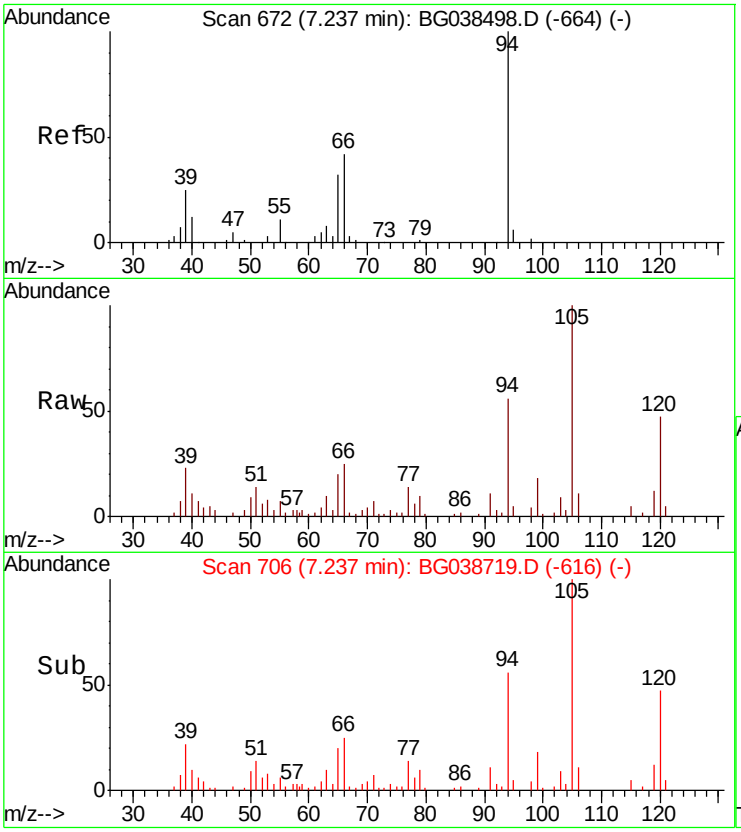


#9
Benzaldehyde
Concen: 14.567 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.02 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion: 77 Resp: 19372

Ion	Ratio	Lower	Upper
77	100		
105	779.2	74.0	114.0#
106	77.7	73.9	113.9



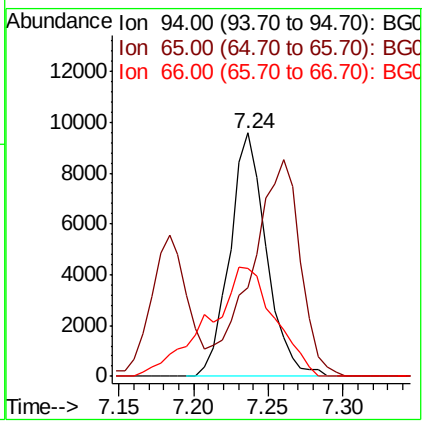


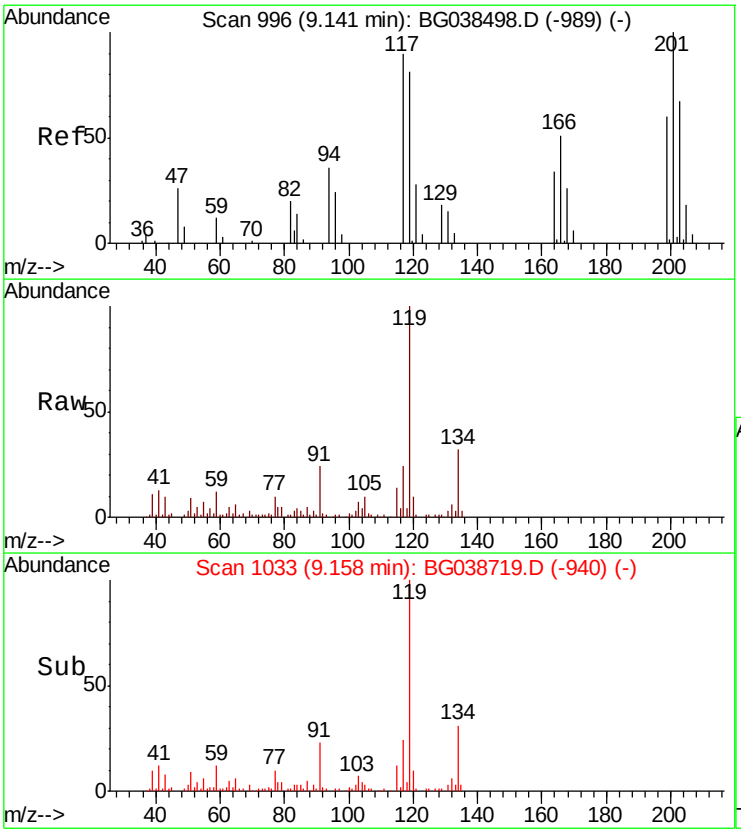
#10
Phenol
Concen: 7.489 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 16311

Ion	Ratio	Lower	Upper
94	100		
65	36.3	12.6	52.6
66	44.3	24.1	64.1

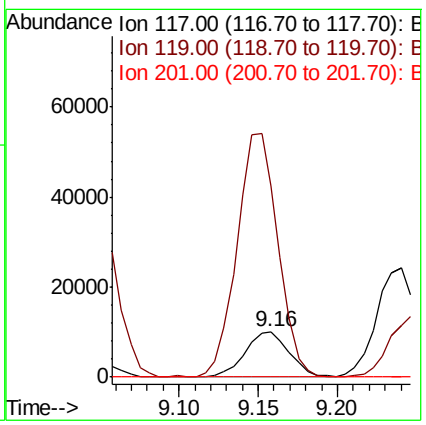


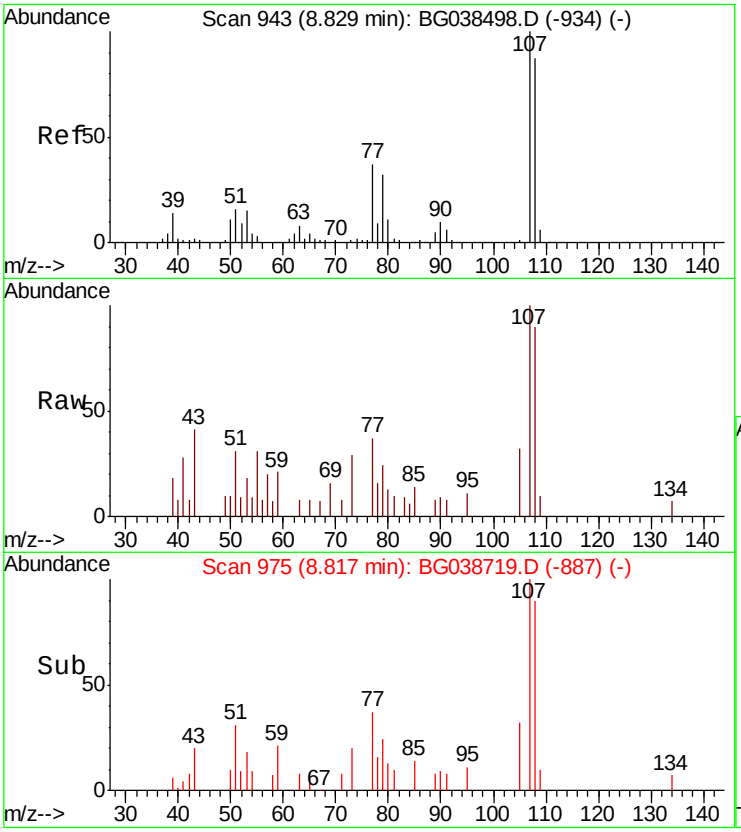


#18
Hexachloroethane
Concen: 25.861 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion:117 Resp: 19775

Ion	Ratio	Lower	Upper
117	100		
119	418.8	73.8	110.8#
201	0.0	89.4	134.0#



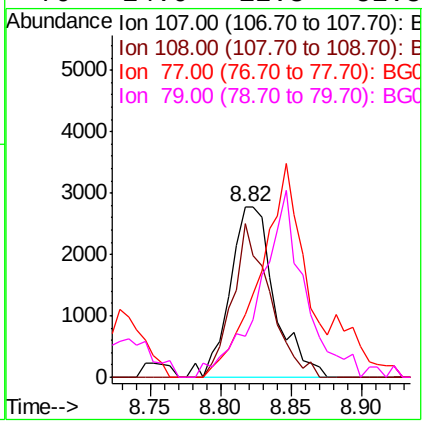


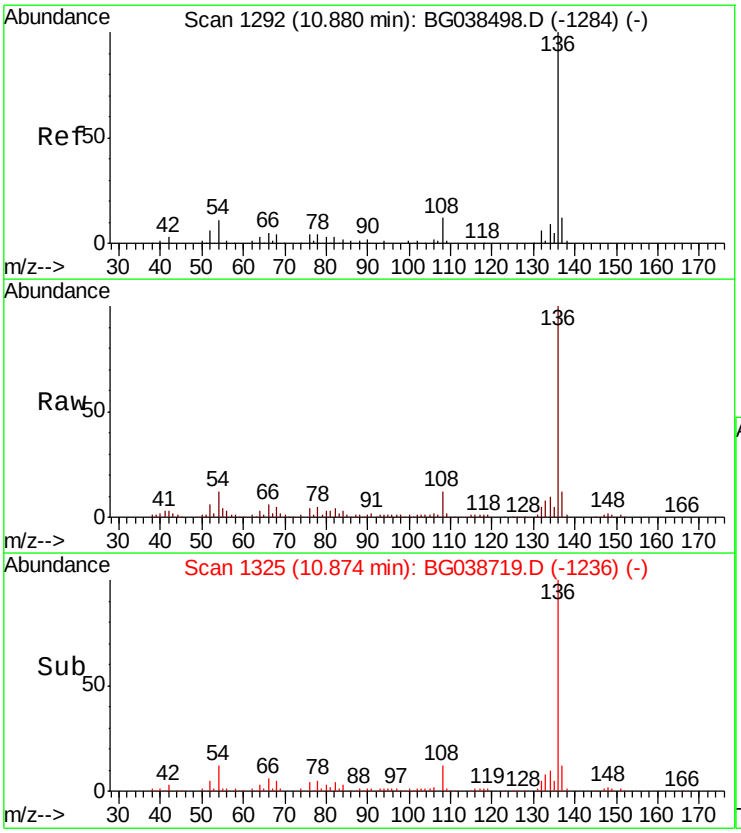
#20
3+4-Methylphenols
Concen: 3.044 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 6135

Ion	Ratio	Lower	Upper
107	100		
108	89.9	66.7	106.7
77	36.8	17.3	57.3
79	24.0	12.3	52.3

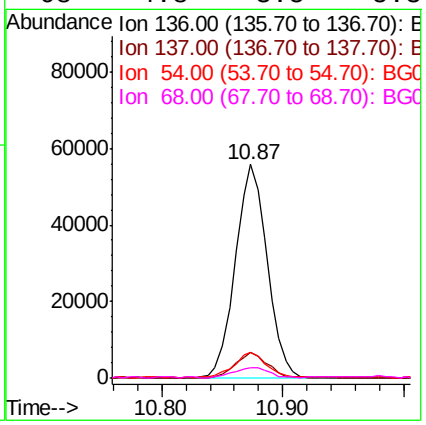


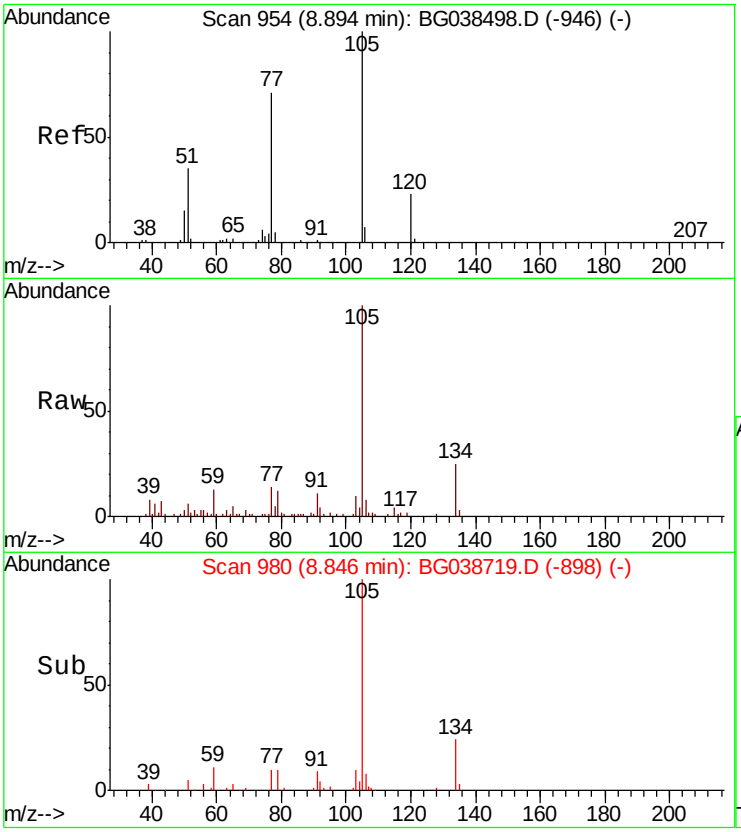


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion:136 Resp: 102726

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	12.0	8.5	12.7
68	4.8	3.5	5.3



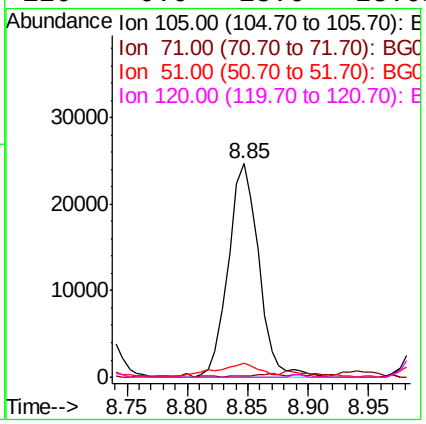


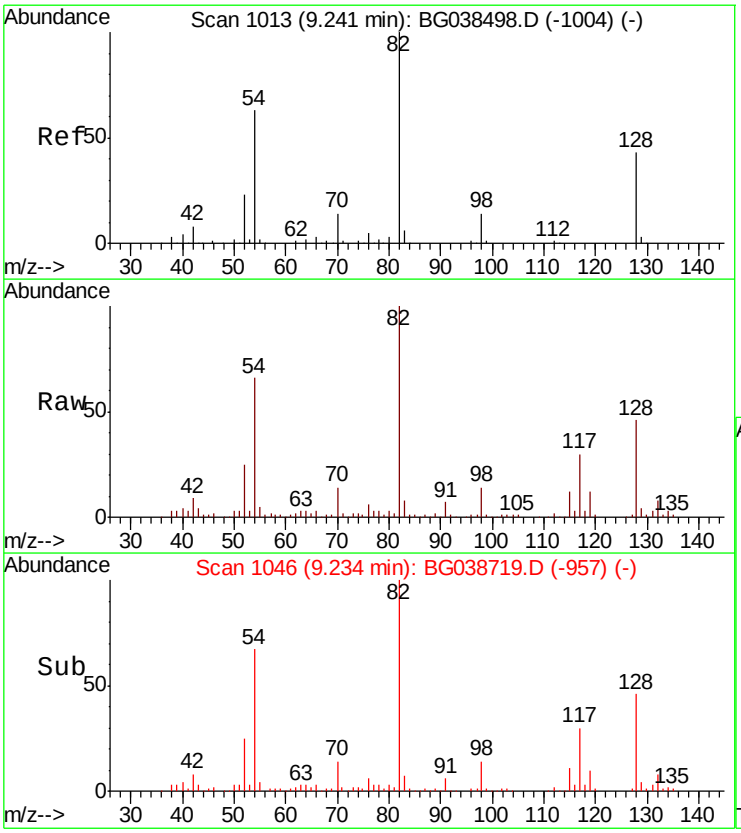
#22
Acetophenone
Concen: 17.046 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.05 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 43739

Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.4	0.6#
51	6.4	30.6	46.0#
120	0.0	18.6	28.0#

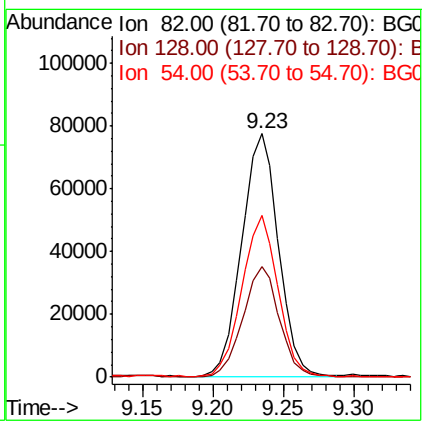


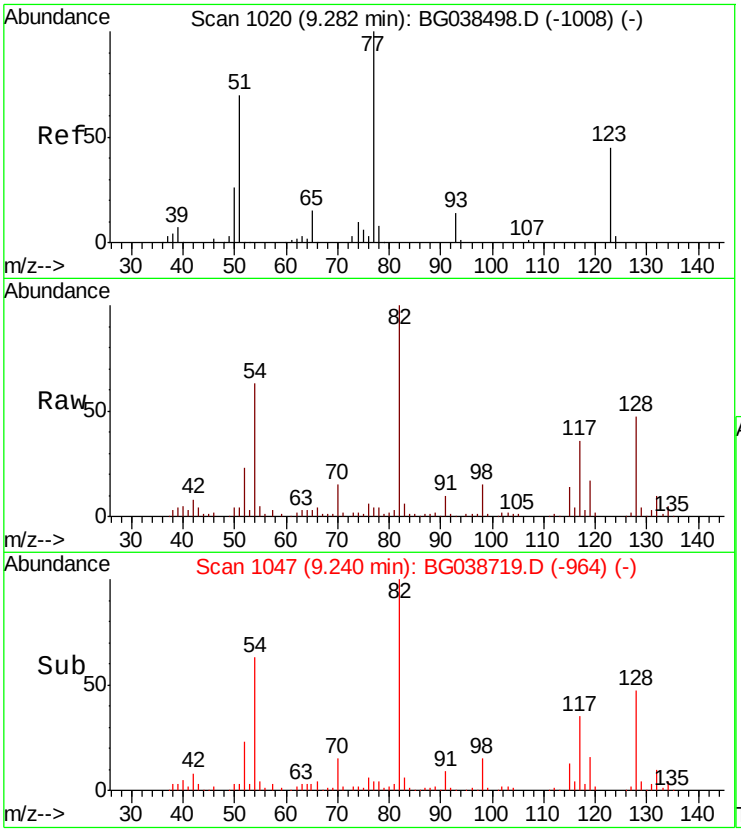


#23
Nitrobenzene-d5
Concen: 69.910 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion: 82 Resp: 140576

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	52.0
54	66.4	50.6	76.0



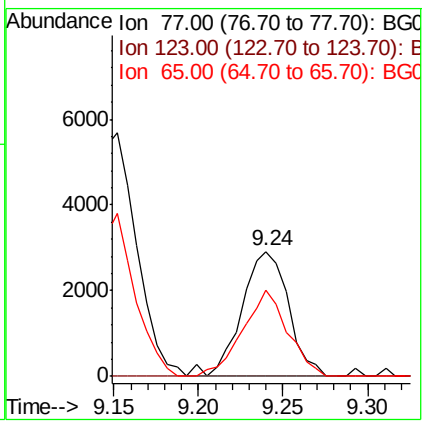


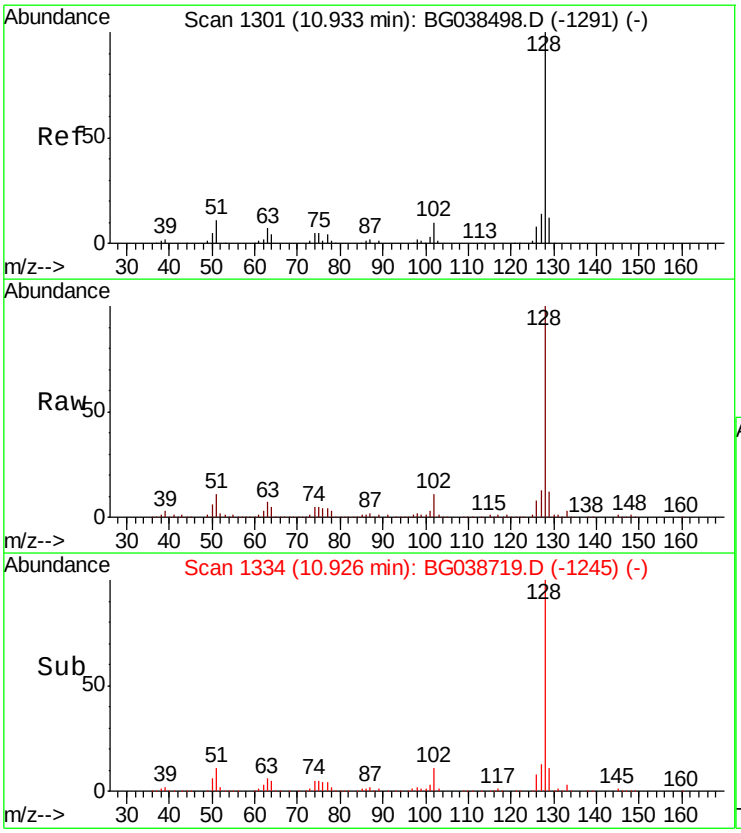
#24
Nitrobenzene
Concen: 2.751 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.04 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 5597

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.9	53.9#
65	68.8	12.0	18.0#

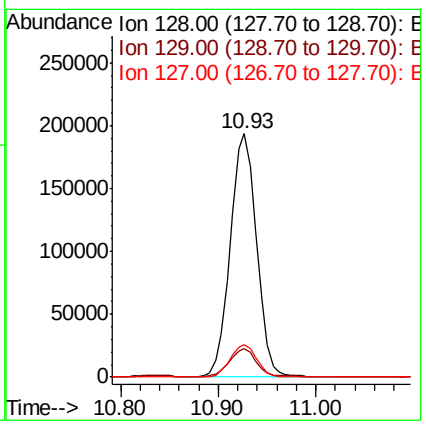


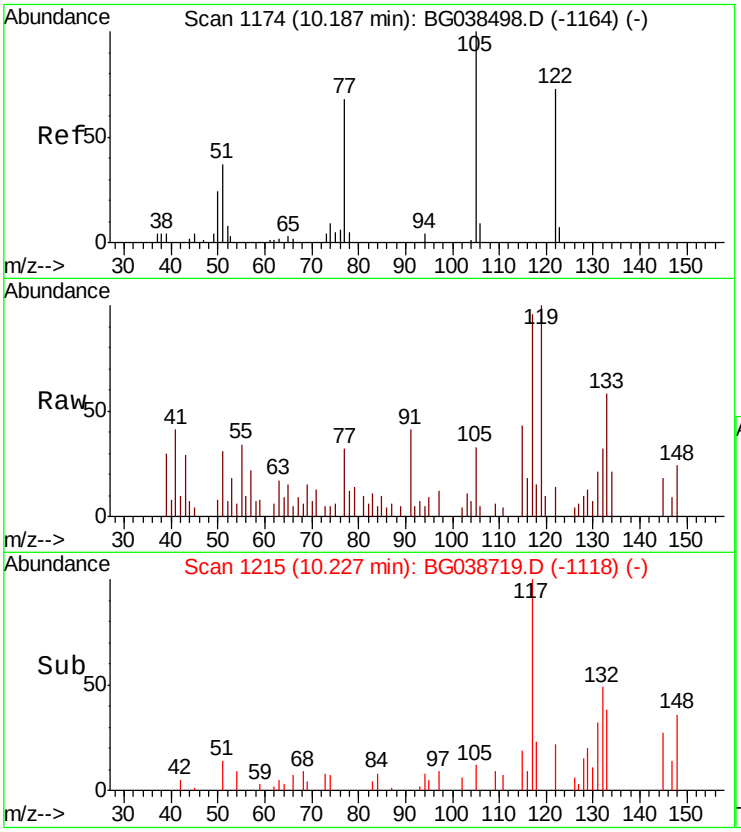


#31
Naphthalene
Concen: 71.499 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion:128 Resp: 361886

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.5	10.9	16.3



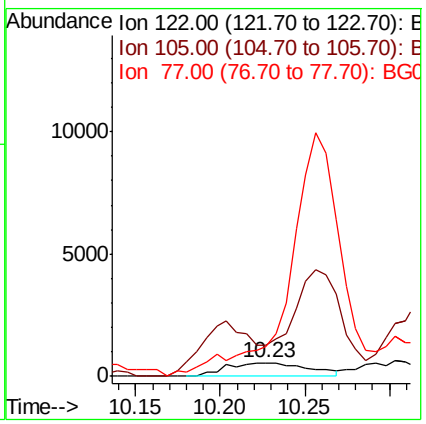


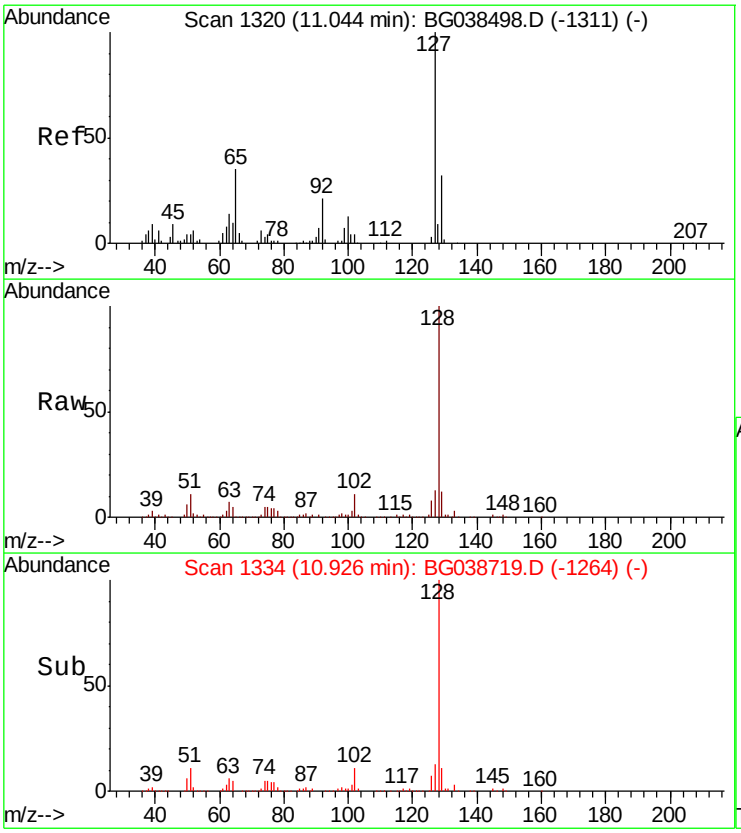
#32
Benzoic acid
Concen: 11.700 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.04 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 1847

Ion	Ratio	Lower	Upper
122	100		
105	232.0	116.7	156.7#
77	221.2	72.5	112.5#

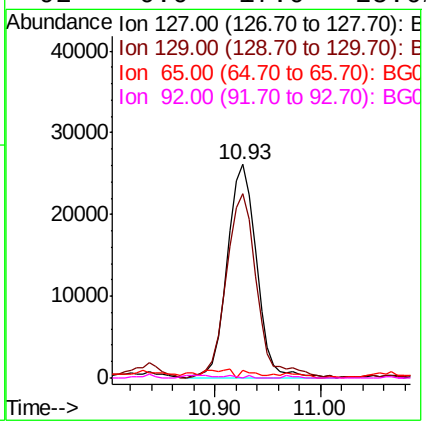


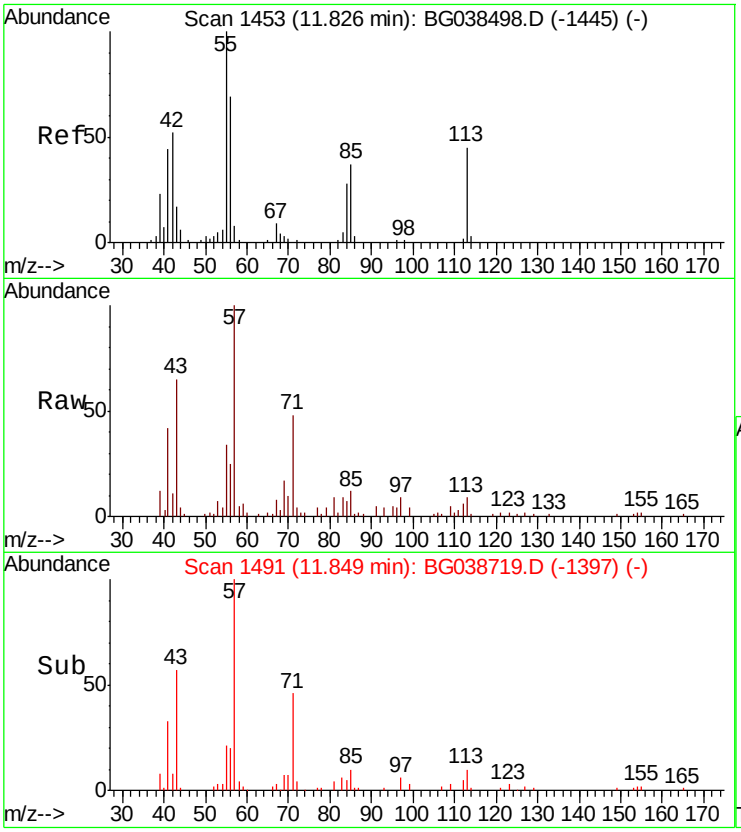


#33
4-Chloroaniline
Concen: 22.789 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.12 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion:127 Resp: 50076

Ion	Ratio	Lower	Upper
127	100		
129	86.2	25.8	38.8#
65	3.4	27.8	41.6#
92	0.0	17.0	25.6#



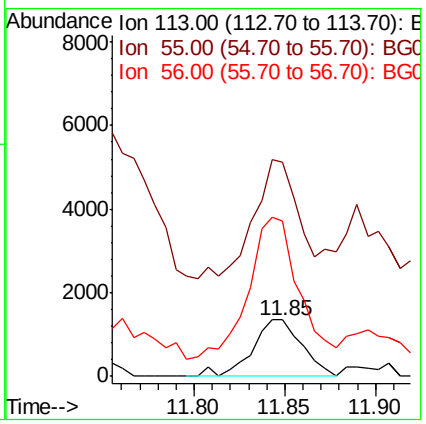


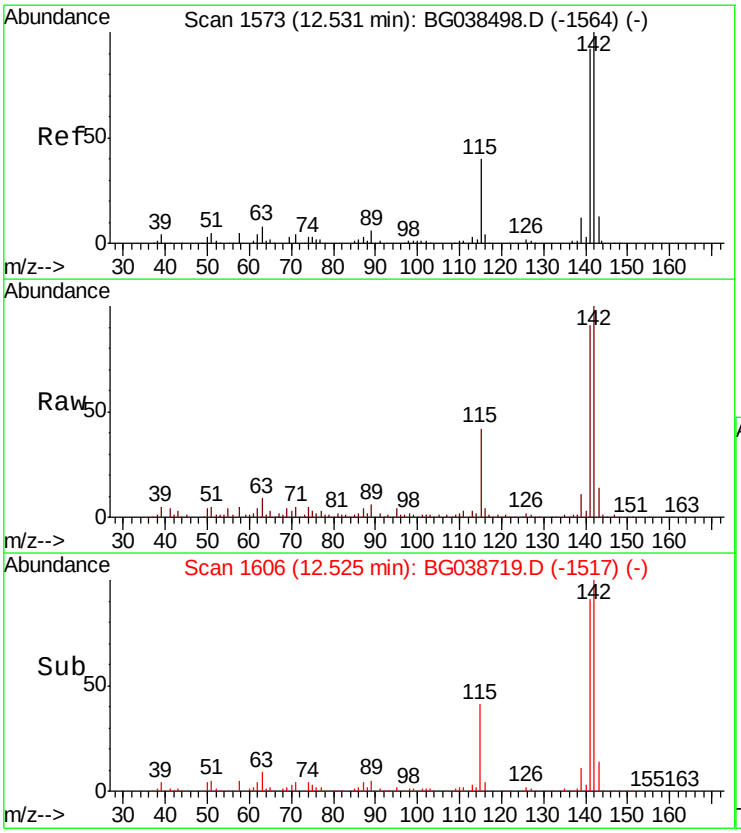
#35
Caprolactam
Concen: 3.709 ng
RT: 11.85 min Scan# 1491
Delta R.T. 0.02 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 2548

Ion	Ratio	Lower	Upper
113	100		
55	379.6	204.3	244.3#
56	275.5	135.0	175.0#

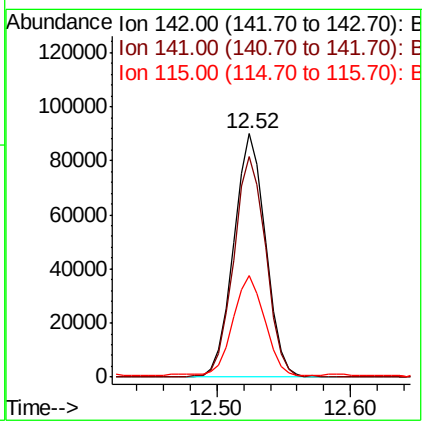


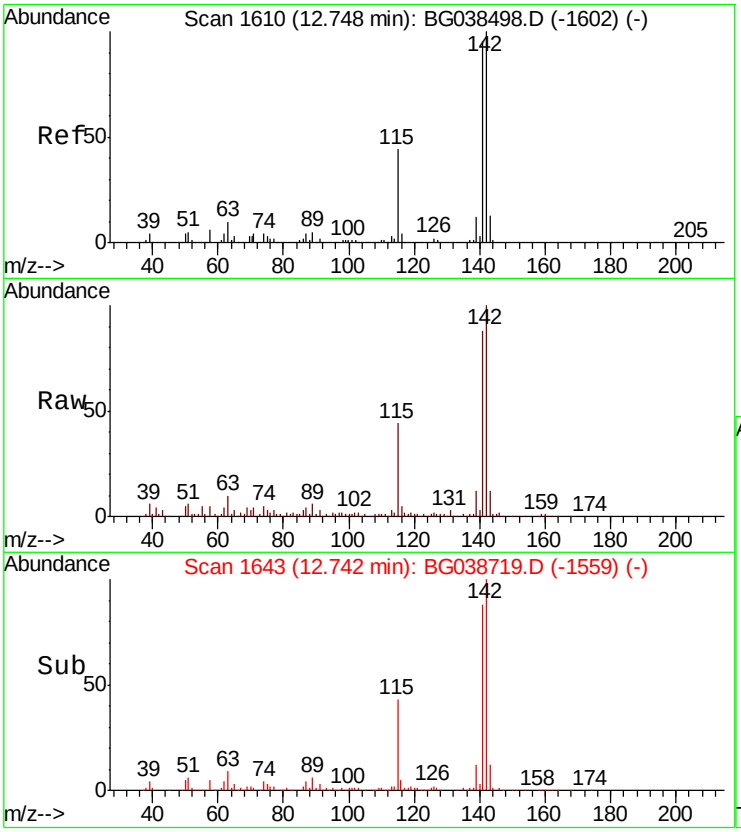


#37
2-Methylnaphthalene
Concen: 41.184 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion:142 Resp: 148711

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.5	110.3
115	41.9	31.7	47.5



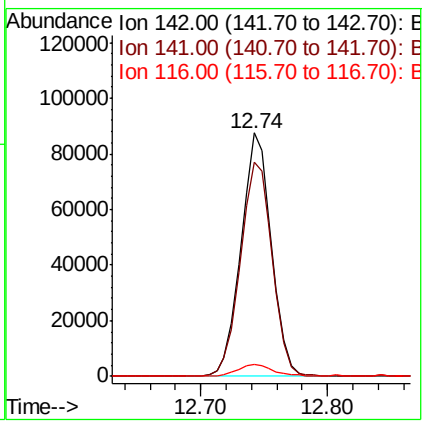


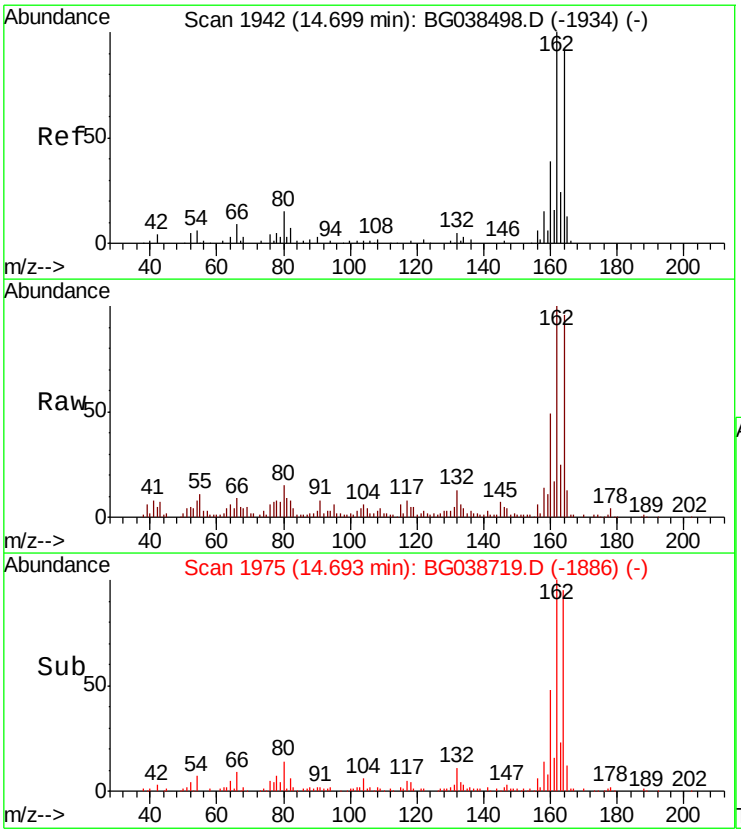
#38
1-Methylnaphthalene
Concen: 41.322 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 144789

Ion	Ratio	Lower	Upper
142	100		
141	88.1	75.8	113.8
116	4.9	3.6	5.4

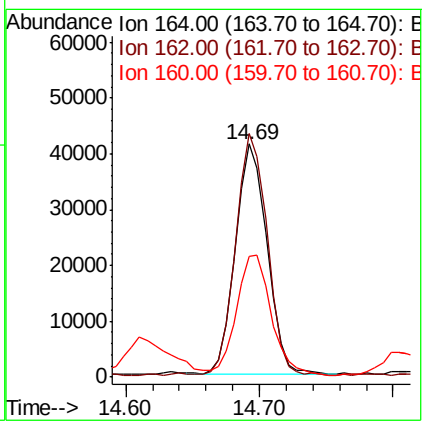


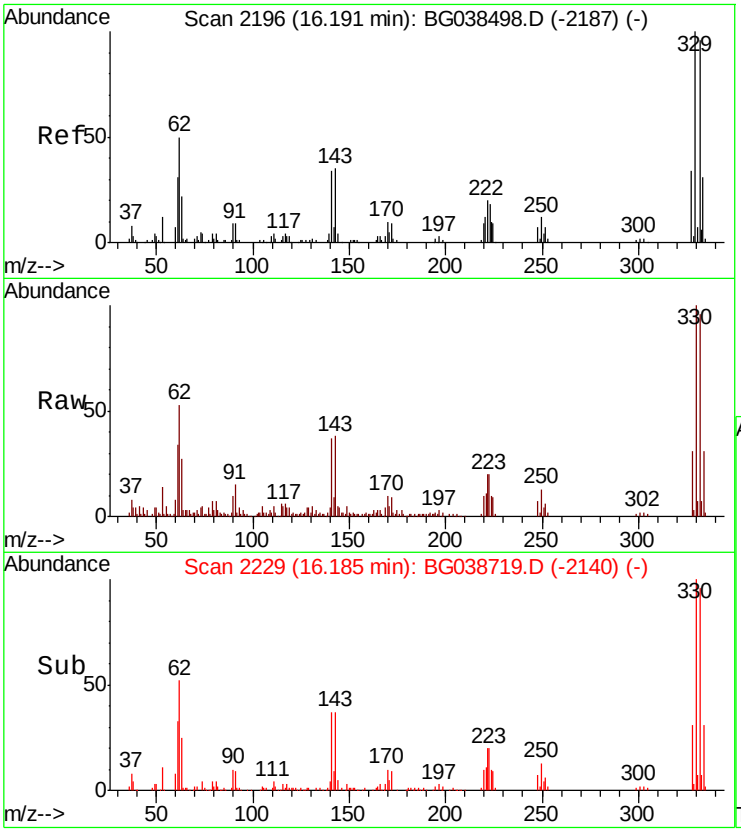


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion:164 Resp: 67831

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.6	130.0
160	51.6	34.2	51.2#



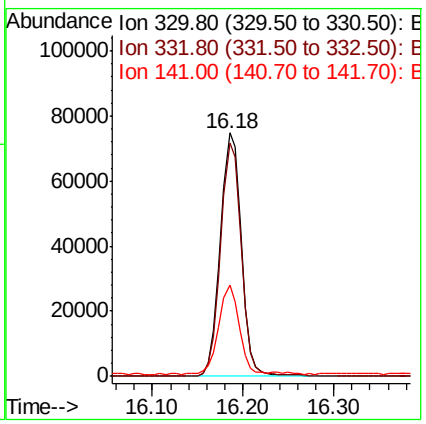


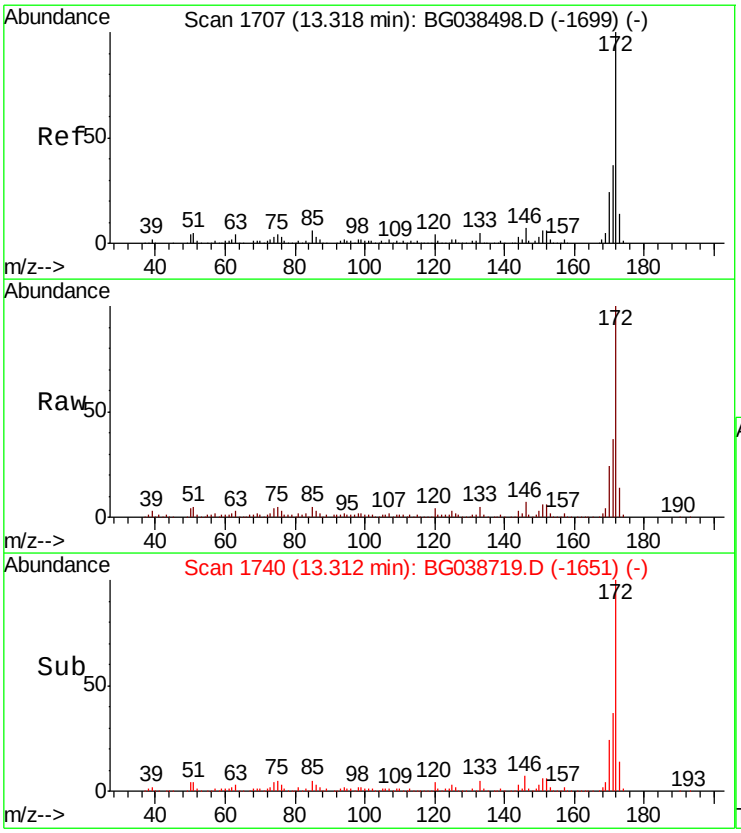
#42
2,4,6-Tribromophenol
Concen: 128.970 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 120565

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.9	115.3
141	35.4	28.8	43.2

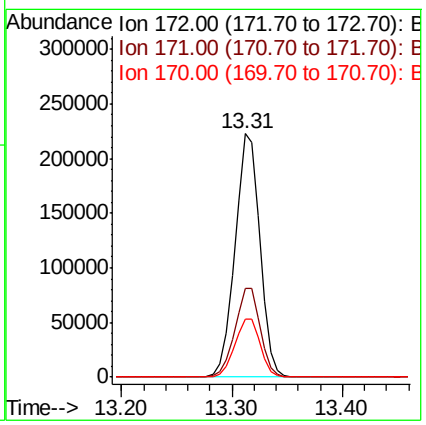


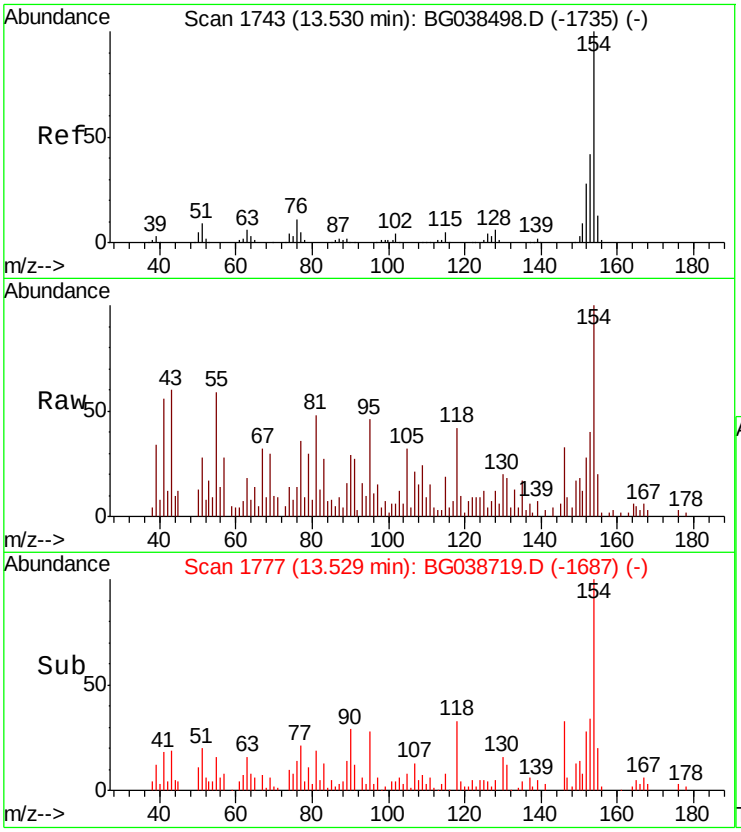


#45
2-Fluorobiphenyl
Concen: 71.183 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion:172 Resp: 351963

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.0	19.5	29.3



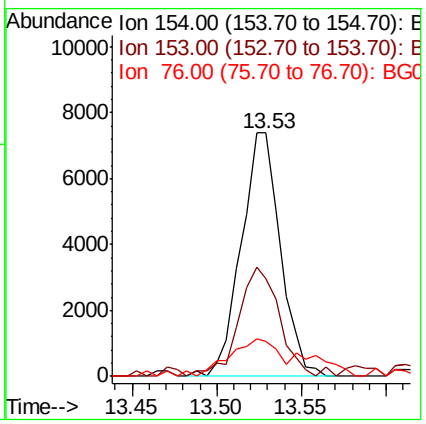


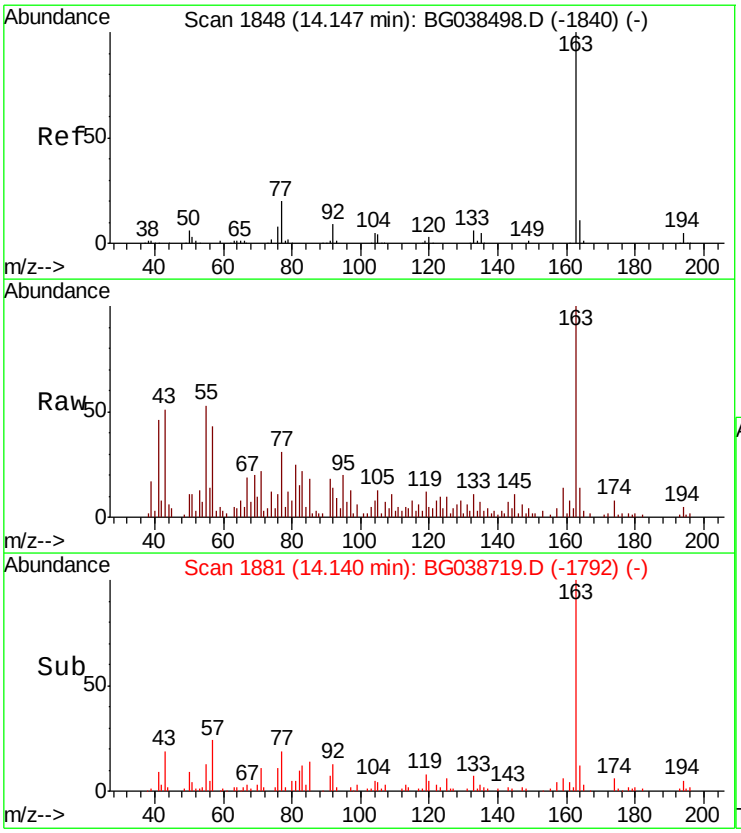
#46
1,1'-Biphenyl
Concen: 2.100 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 11941

Ion	Ratio	Lower	Upper
154	100		
153	40.0	22.1	62.1
76	14.3	0.0	31.2

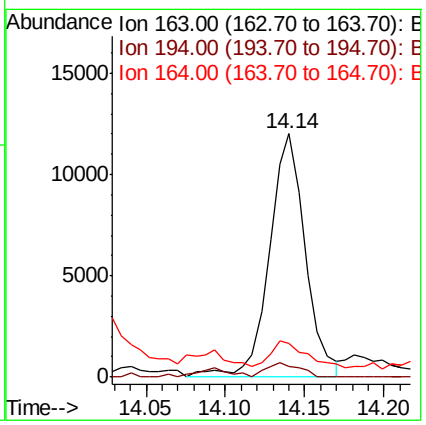


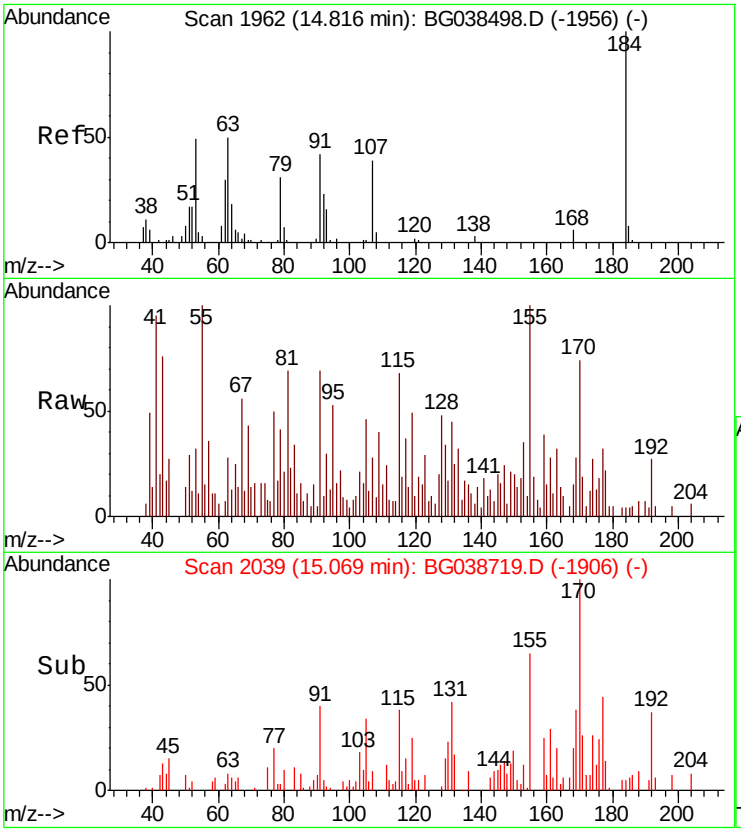


#50
Dimethylphthalate
Concen: 3.415 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion:163 Resp: 18916

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	14.0	8.6	12.8#



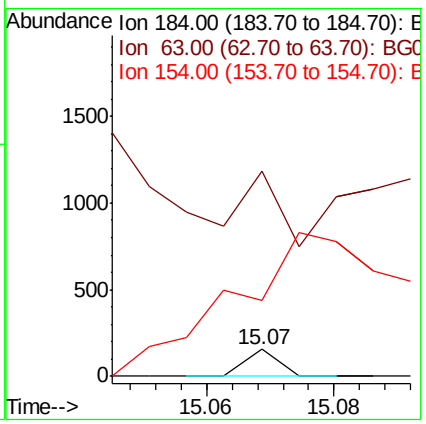


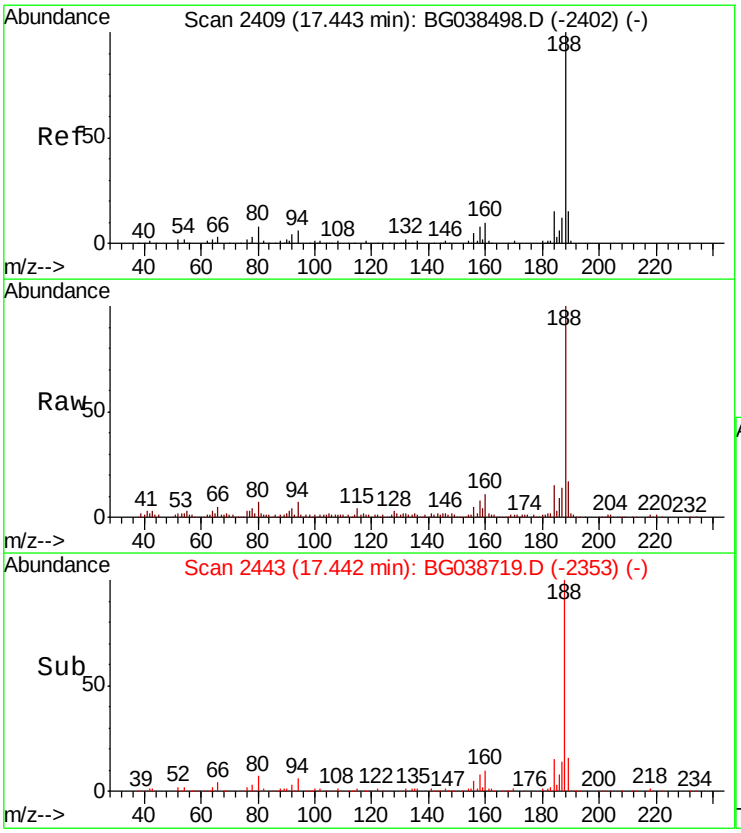
#54
2,4-Dinitrophenol
Concen: 5.250 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.25 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	755.4	47.0	70.6#
154	277.7	50.3	75.5#

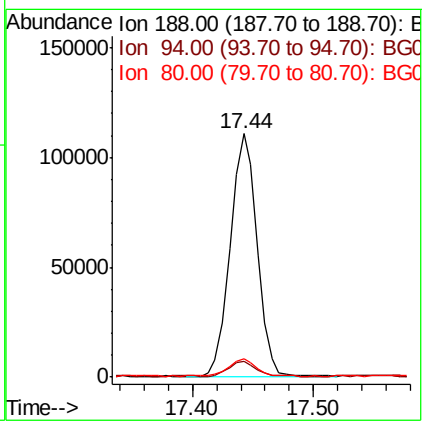


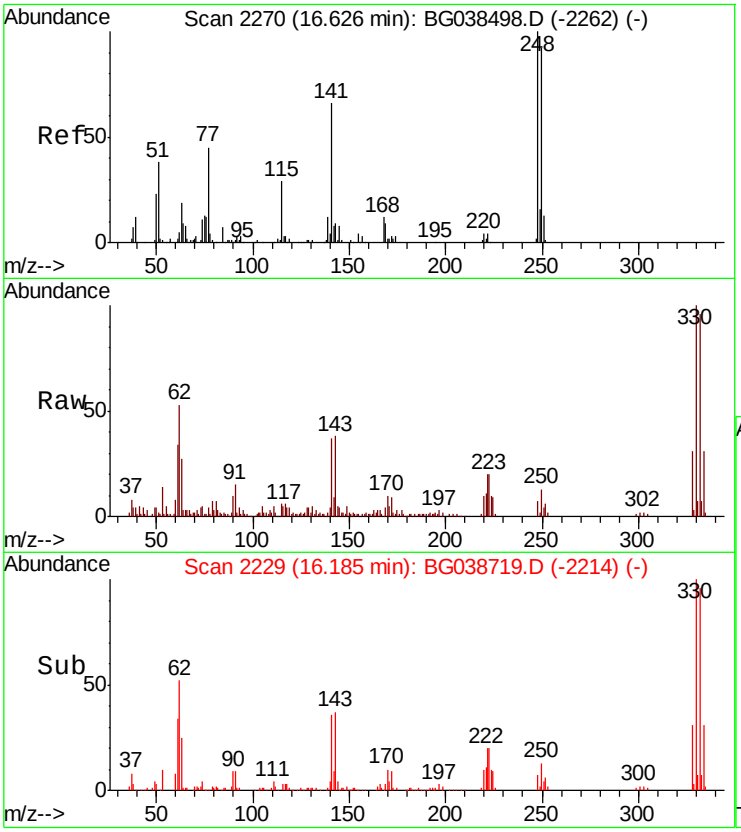


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion:188 Resp: 170232

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	7.3	6.1	9.1



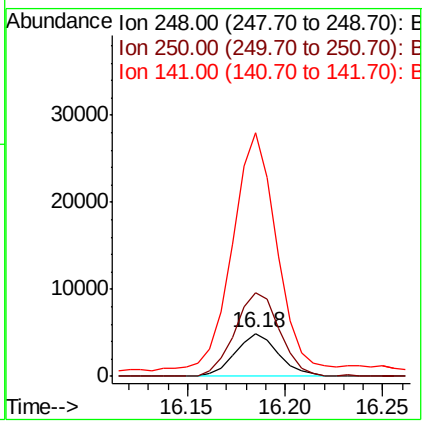


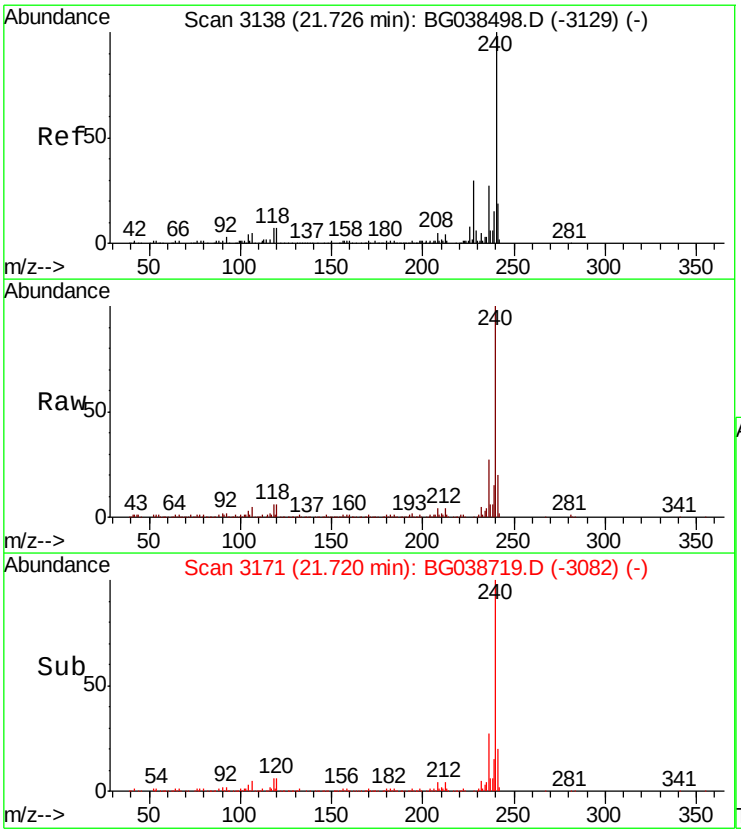
#67
4-Bromophenyl-phenylether
Concen: 3.647 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 7583

Ion	Ratio	Lower	Upper
248	100		
250	192.6	73.4	110.2#
141	425.4	52.9	79.3#

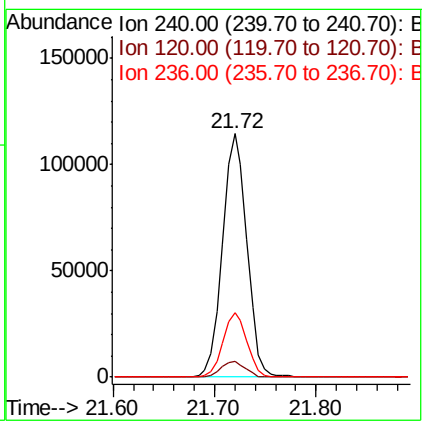


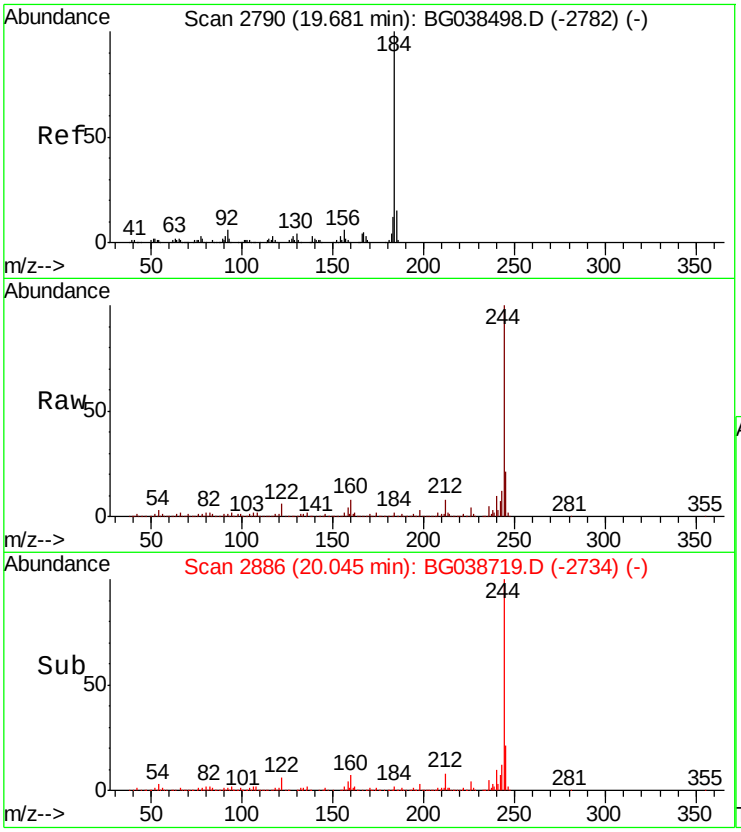


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion:240 Resp: 190586

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.3	7.9
236	26.7	21.4	32.2



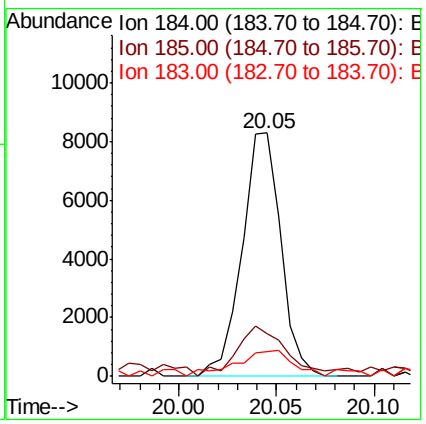


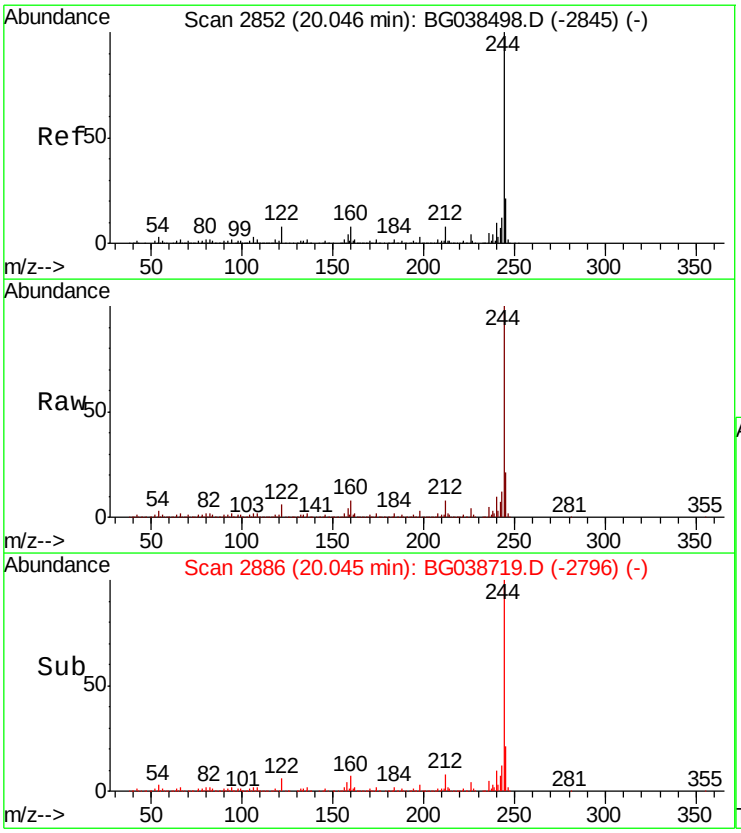
#77
Benzidine
Concen: 2.025 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 11415

Ion	Ratio	Lower	Upper
184	100		
185	17.5	12.2	18.2
183	10.4	9.6	14.4

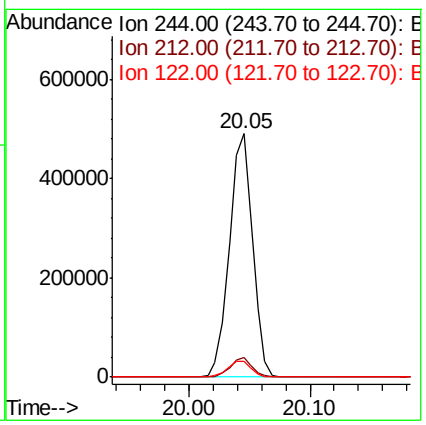


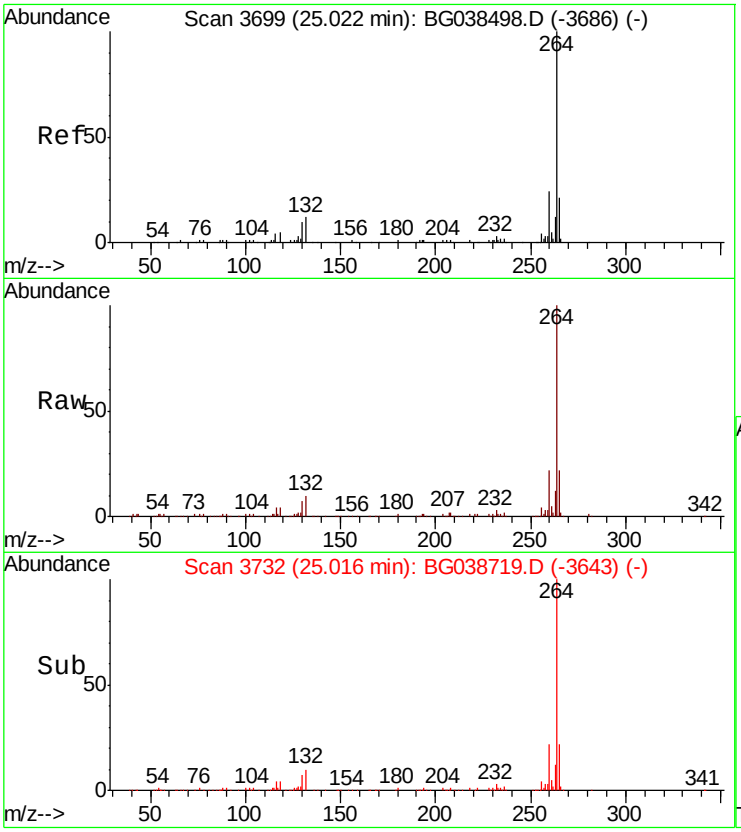


#79
Terphenyl-d14
Concen: 75.043 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion:244 Resp: 657165

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	6.3	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: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 201451

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