Quantitation Report (LSC 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 : PR-MW-01_121218

Quant Time: Dec 19 10:21:07 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
10) Phenol	7.24	94	16311	7.489	ng		97
20) 3+4-Methylphenols	8.82	107	6135	3.044	ng		95
31) Naphthalene	10.93	128	361886	71.499	ng		100
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

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

Quantitation Report (LSC Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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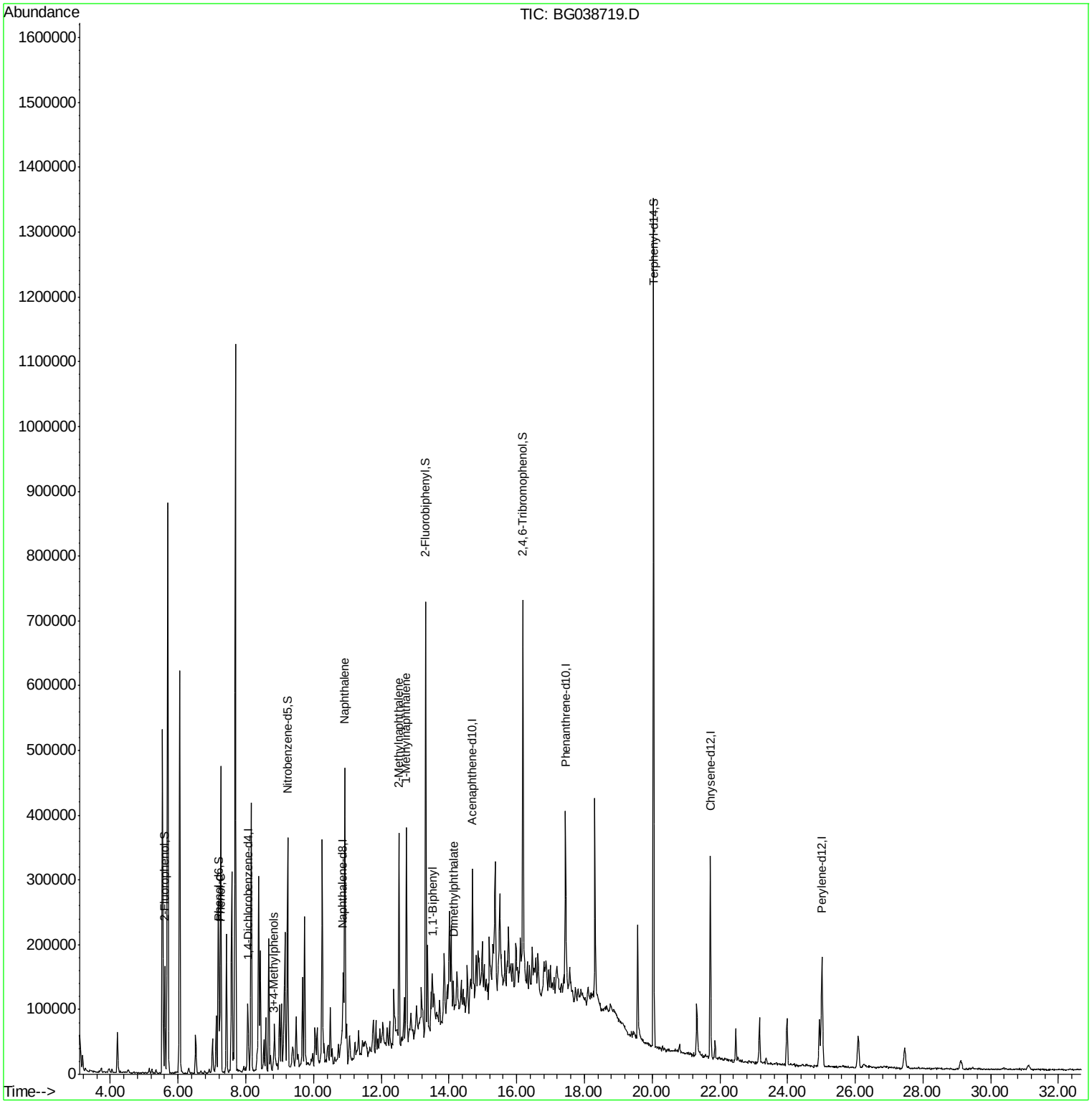
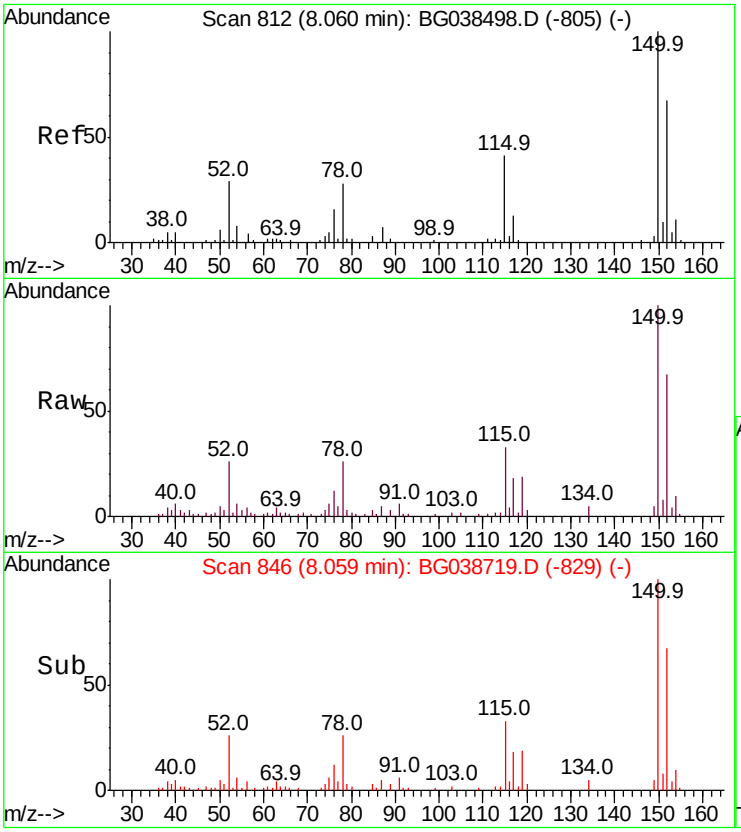


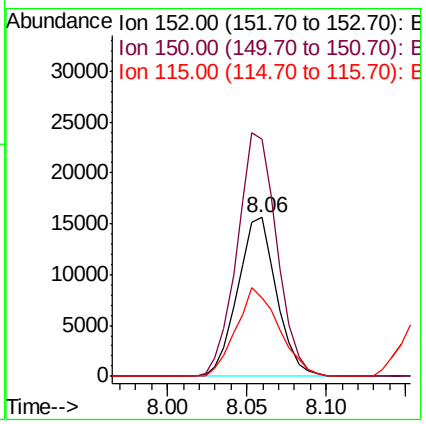


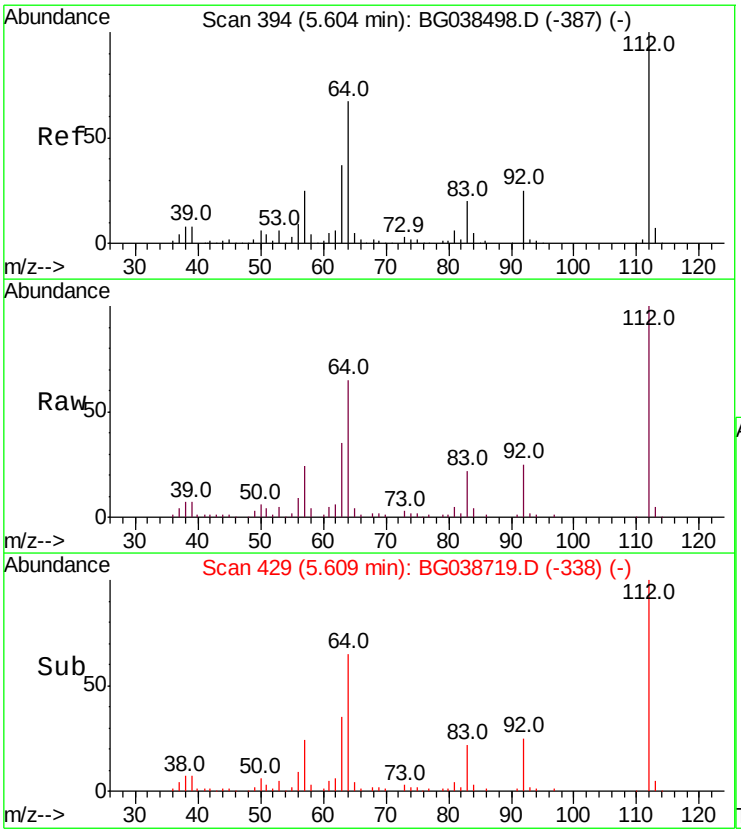
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
PR-MW-01_121218

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#

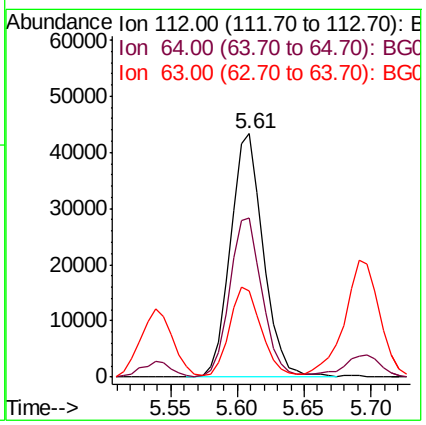


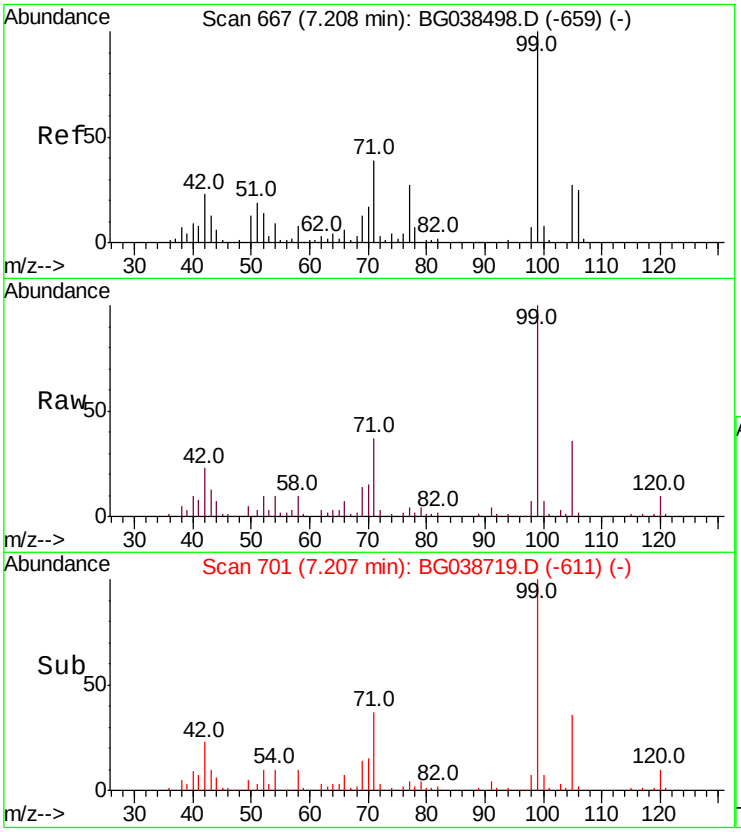


#5
2-Fluorophenol
Concen: 49.593 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

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



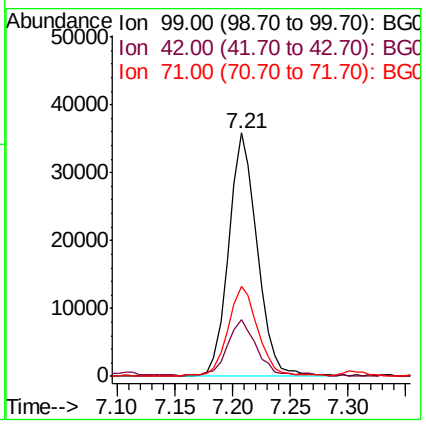


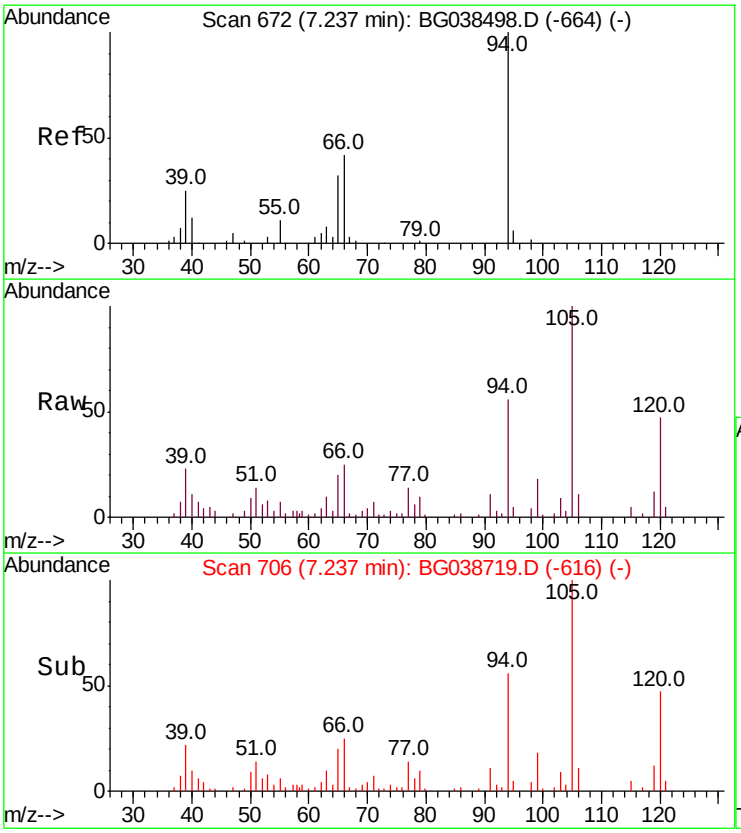
#7
Phenol-d6
Concen: 29.912 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
PR-MW-01_121218

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

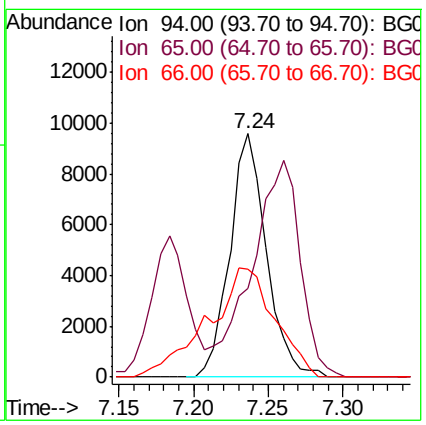


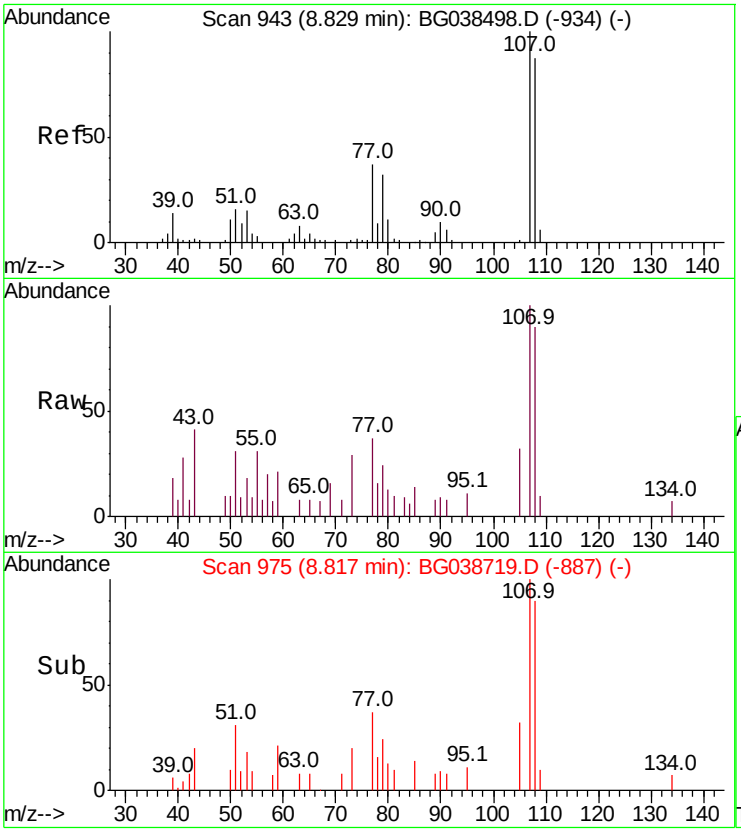


#10
Phenol
Concen: 7.489 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

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



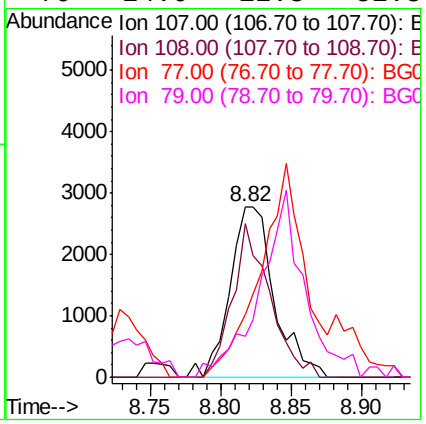


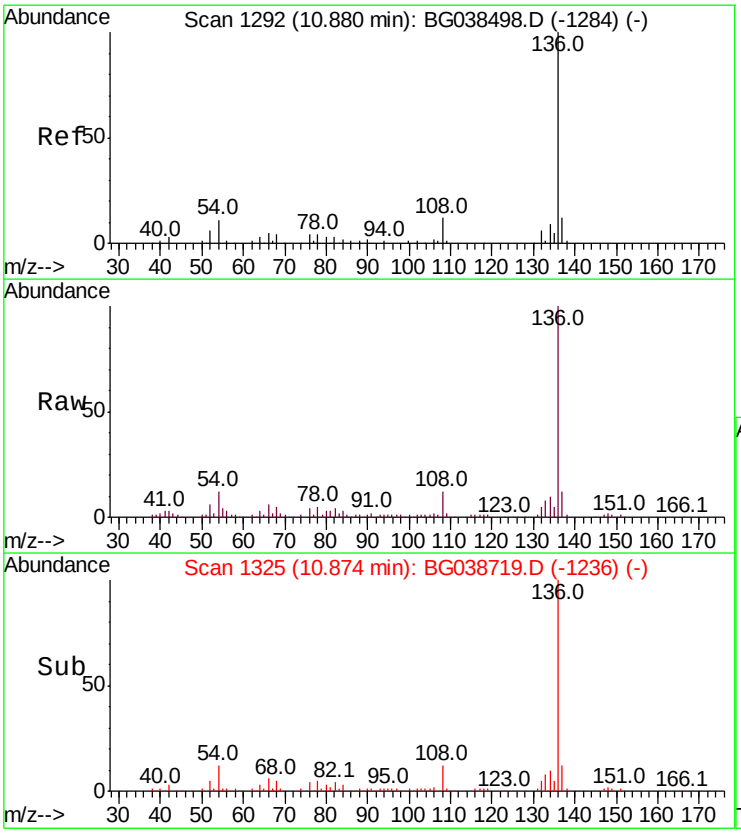
#20
3+4-Methylphenols
Concen: 3.044 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
PR-MW-01_121218

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

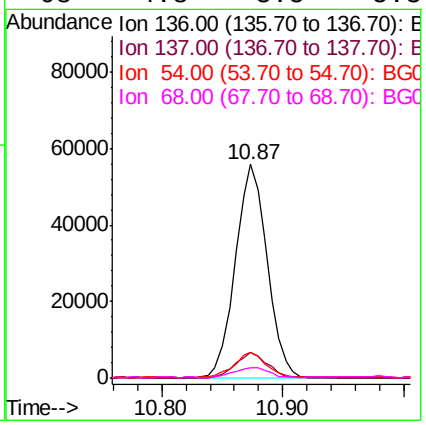


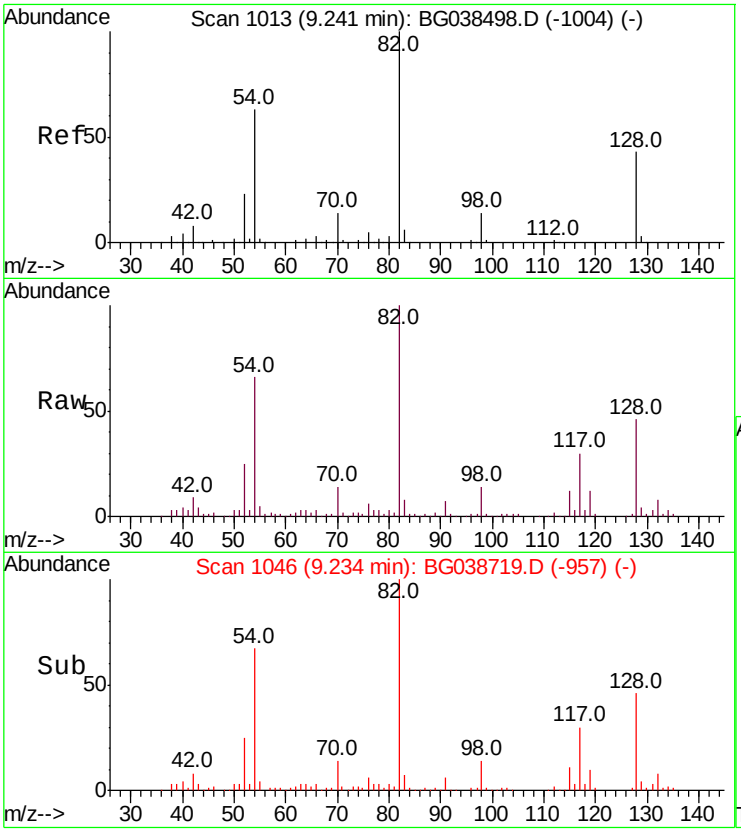


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

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



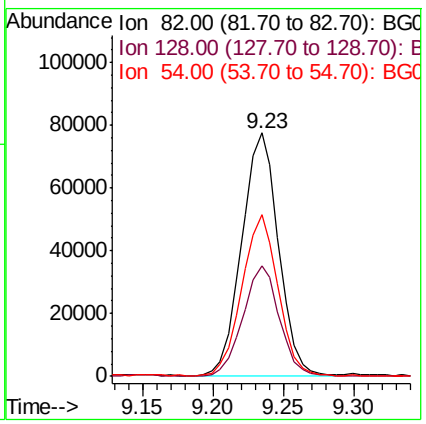


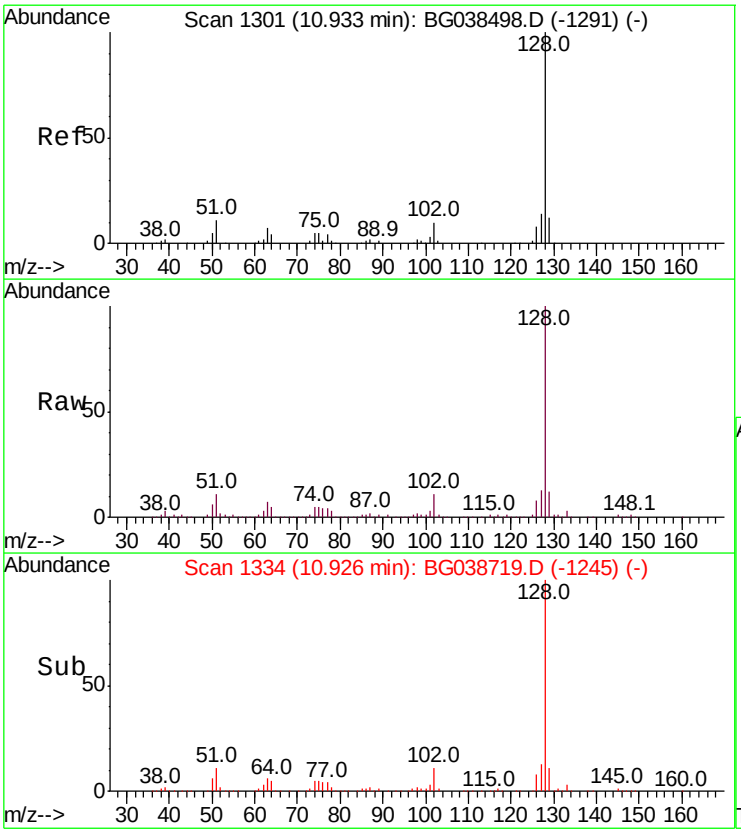
#23
Nitrobenzene-d5
Concen: 69.910 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
PR-MW-01_121218

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

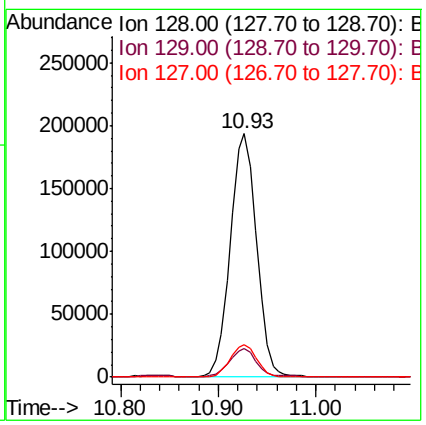


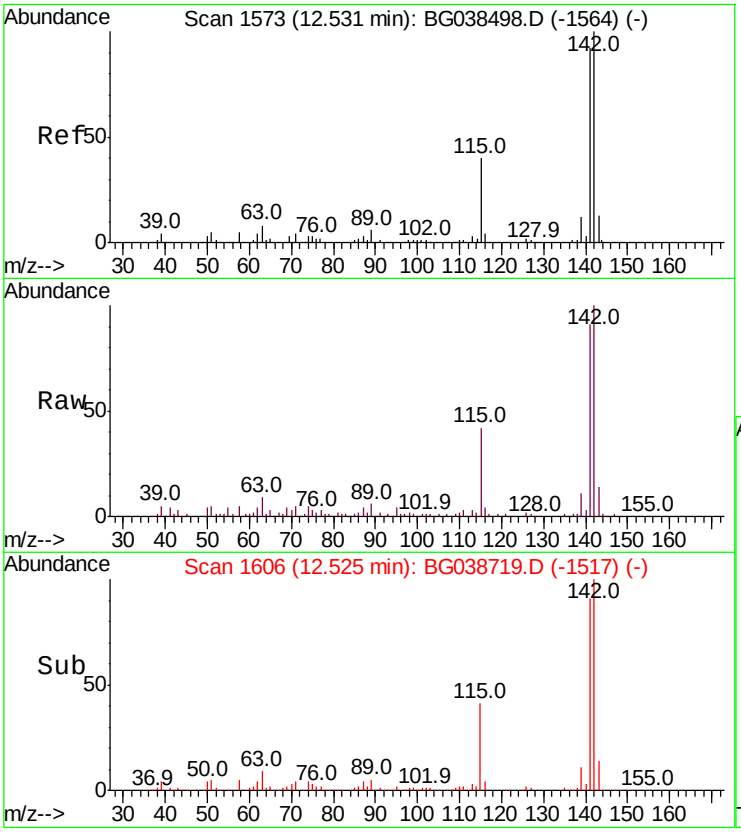


#31
Naphthalene
Concen: 71.499 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

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



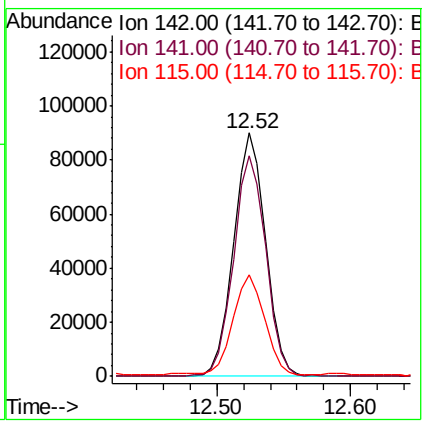


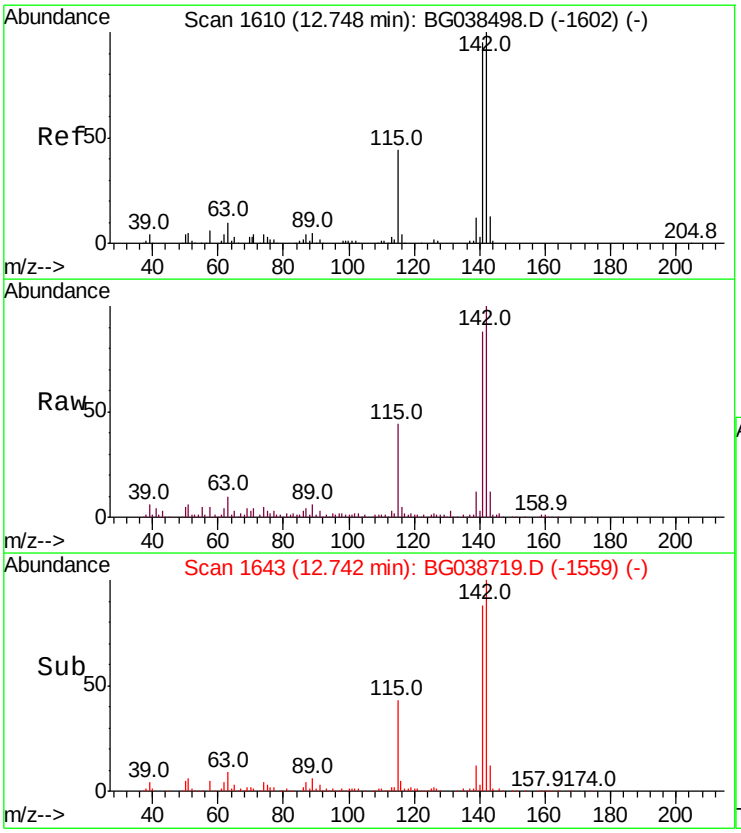
#37
2-Methylnaphthalene
Concen: 41.184 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
PR-MW-01_121218

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

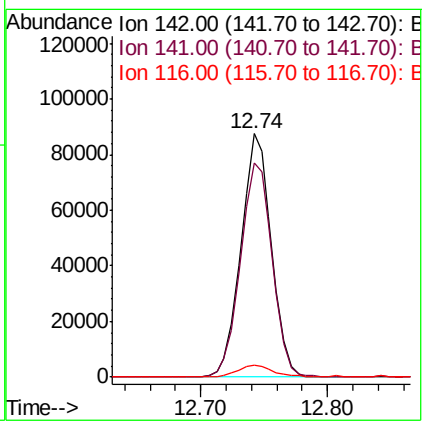


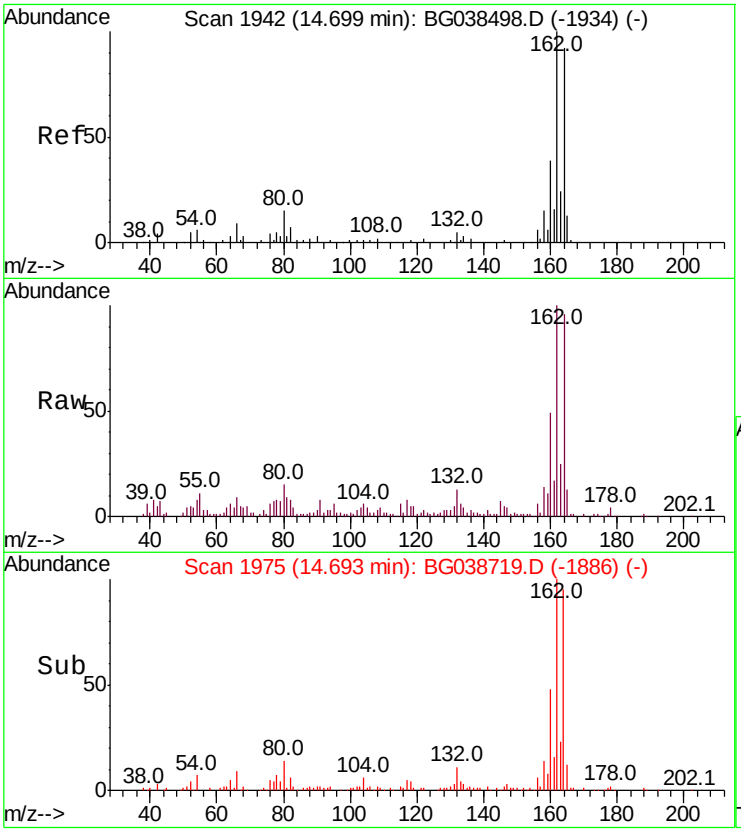


#38
1-Methylnaphthalene
Concen: 41.322 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

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



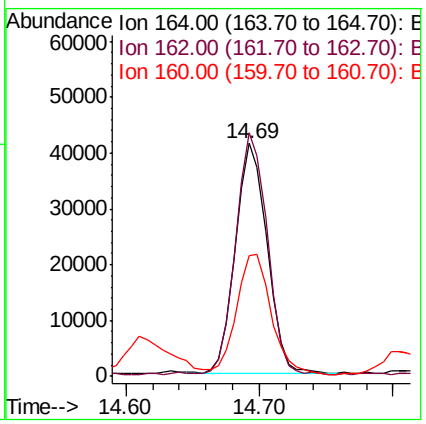


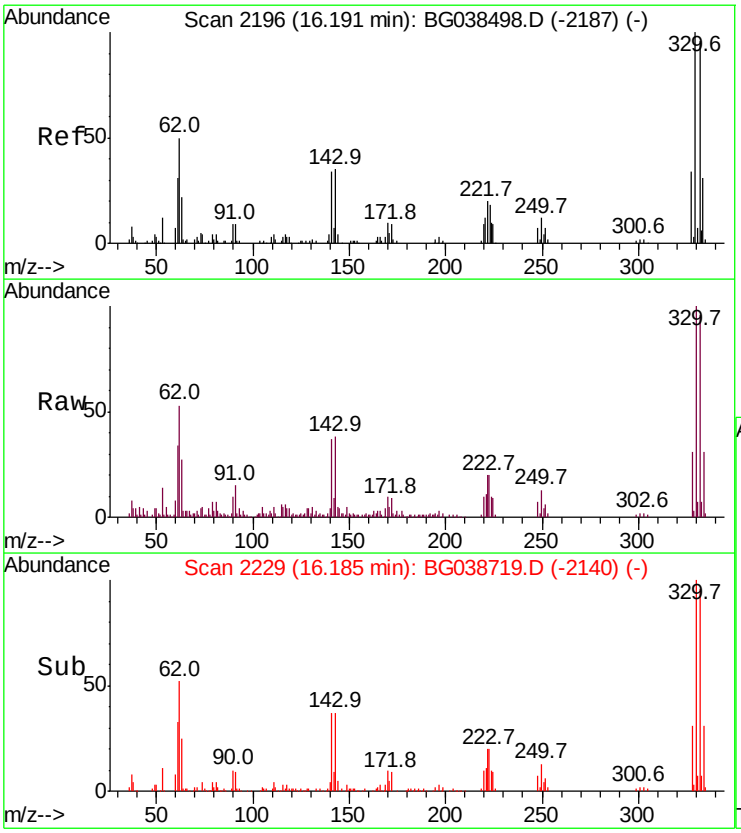
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
PR-MW-01_121218

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#

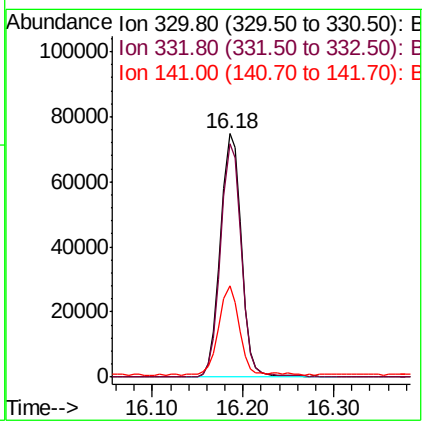


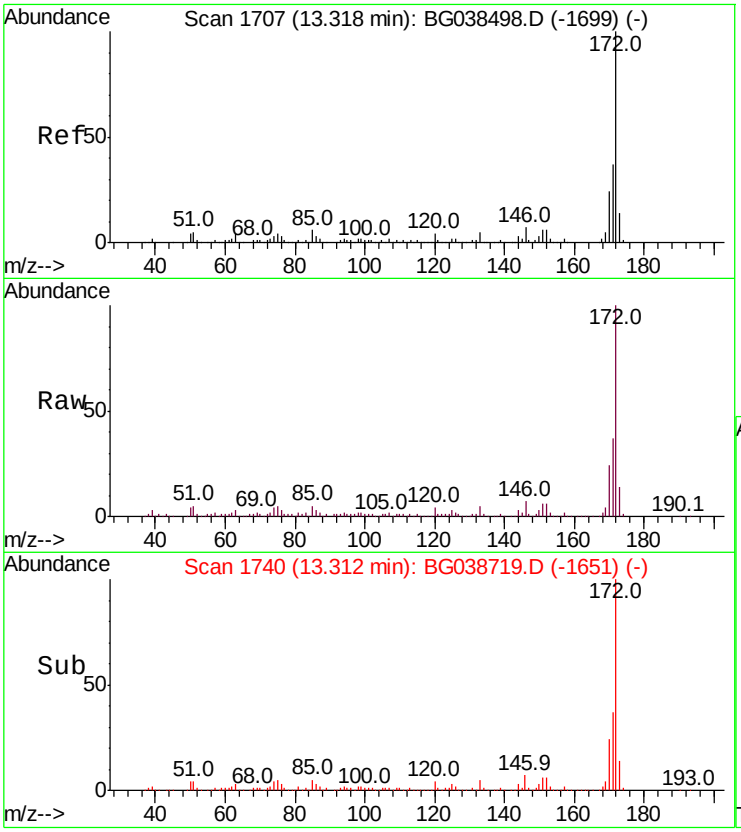


#42
2,4,6-Tribromophenol
Concen: 128.970 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

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



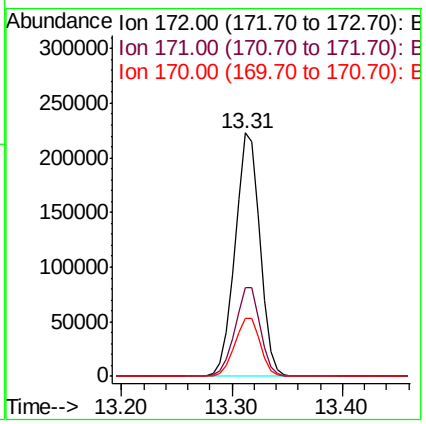


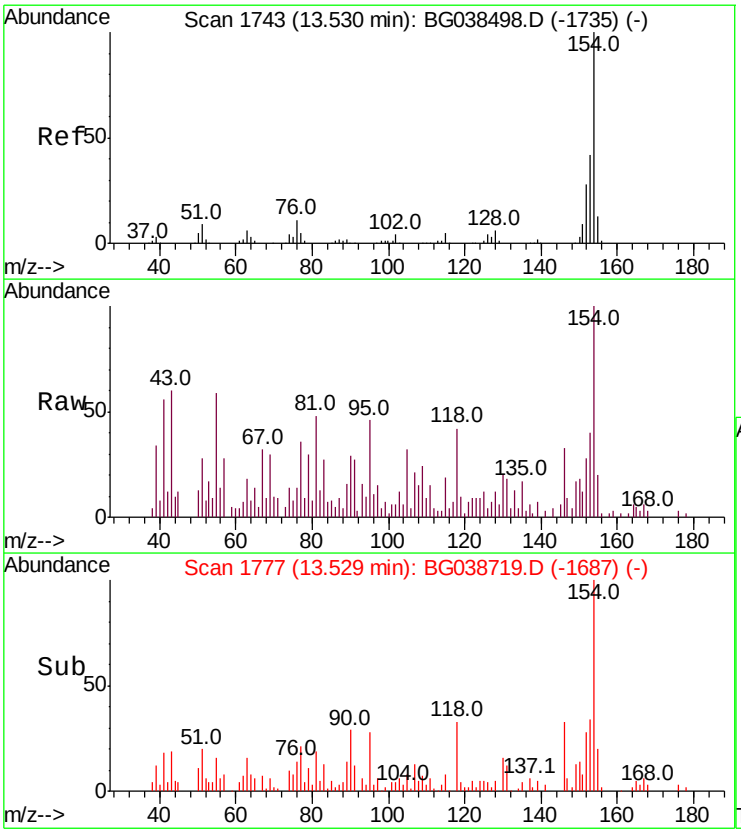
#45
2-Fluorobiphenyl
Concen: 71.183 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
PR-MW-01_121218

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

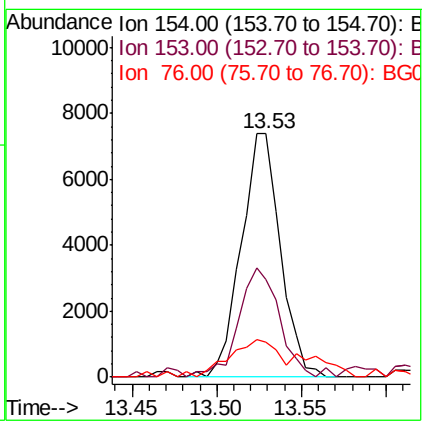


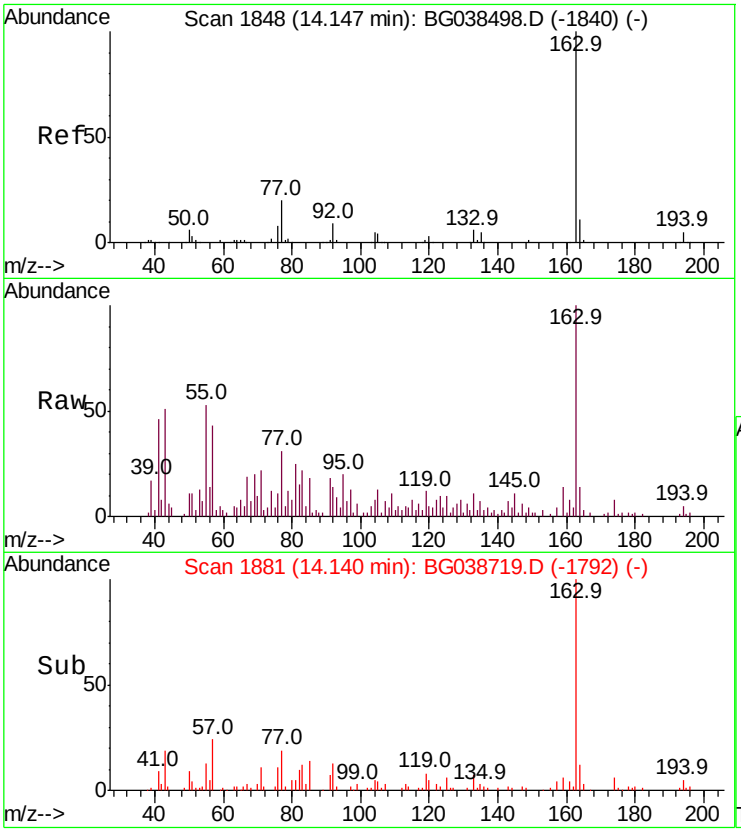


#46
1,1'-Biphenyl
Concen: 2.100 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

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



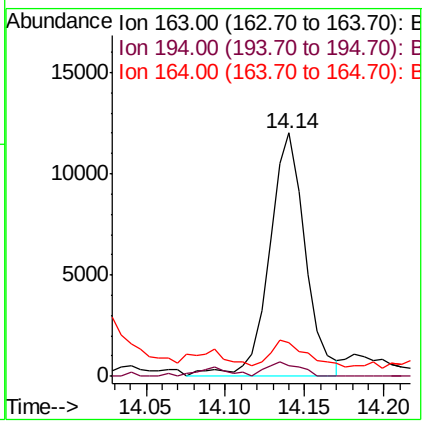


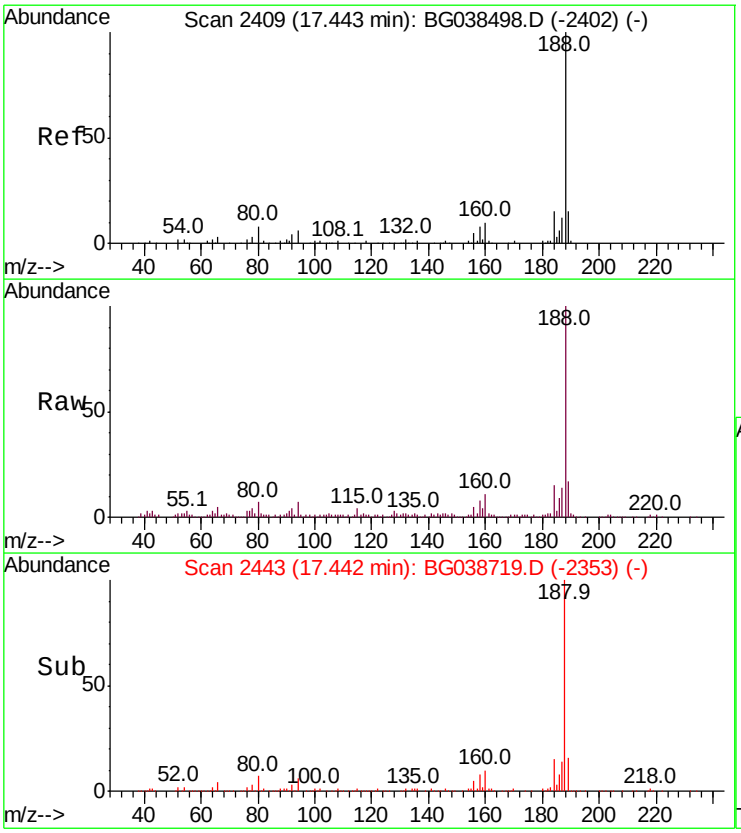
#50
Dimethylphthalate
Concen: 3.415 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
PR-MW-01_121218

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#

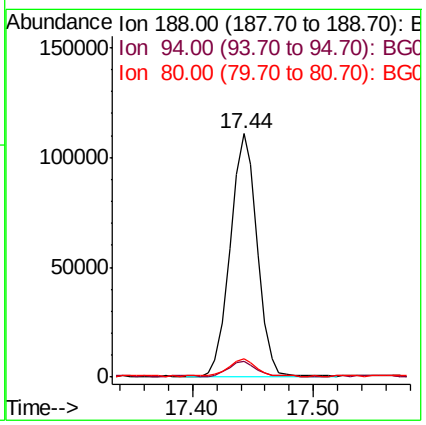


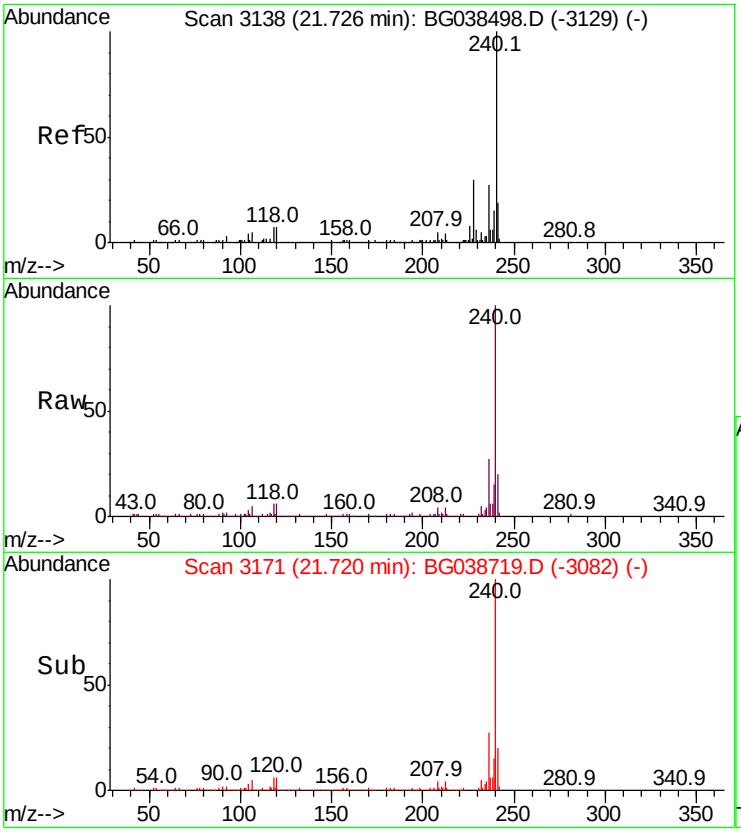


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

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



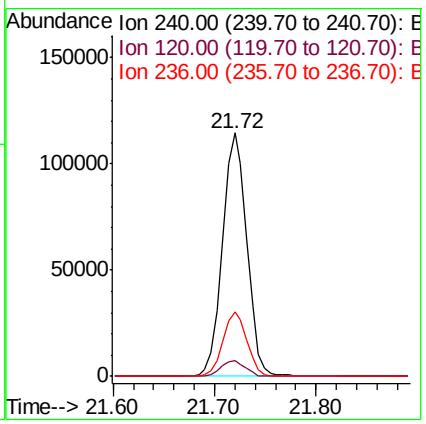


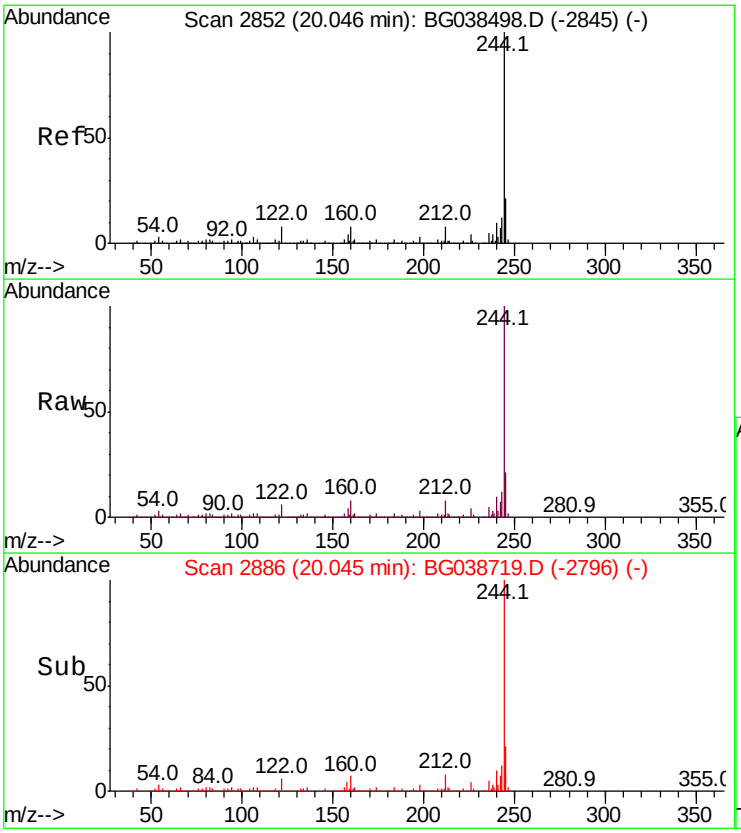
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
PR-MW-01_121218

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

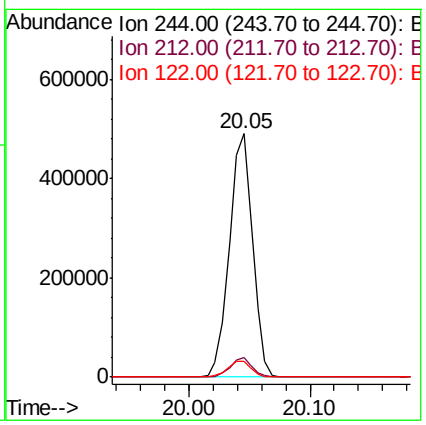


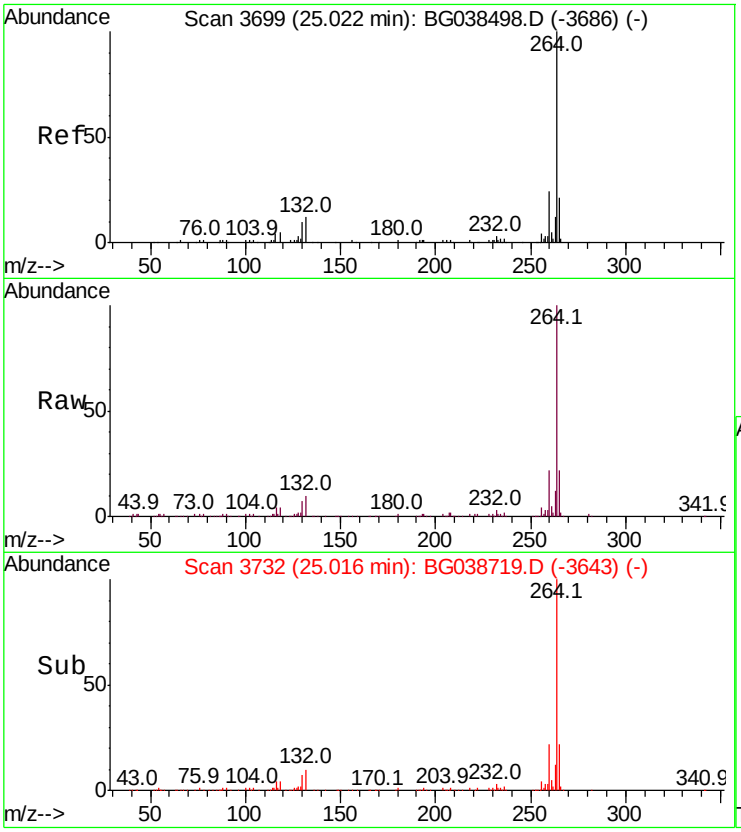


#79
Terphenyl-d14
Concen: 75.043 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

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 :
PR-MW-01_121218

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