Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038854.D
Acq On : 27 Dec 2018 21:55
Operator : JU/SJ
Sample : J6549-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7

Quant Time: Dec 28 00:30:24 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	23398	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	109412	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	83699	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	198929	20.00	ng		0.00
76) Chrysene-d12	21.72	240	199062	20.00	ng		0.00
87) Perylene-d12	25.01	264	215556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	0.00	82	0	0.00	ng		
42) 2,4,6-Tribromophenol	16.20	330	142	0.12	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	830	0.14	ng		0.00
79) Terphenyl-d14	20.04	244	3970	0.43	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	4813	2.502	ng		88
51) 2,6-Dinitrotoluene	14.69	165	10881	7.025	ng	#	19
57) 2,4-Dinitrotoluene	14.69	165	10881	4.988	ng	#	21

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

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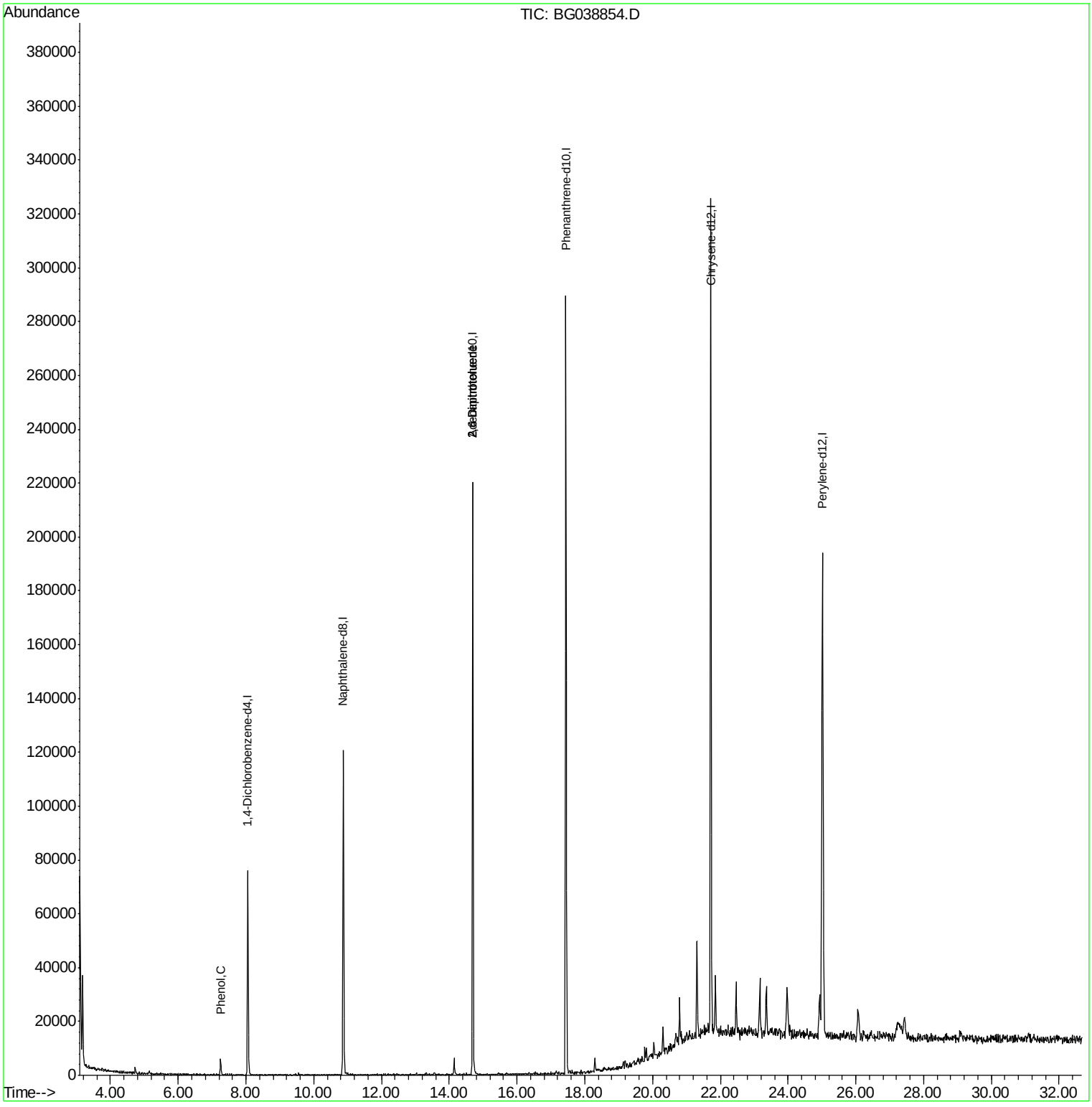
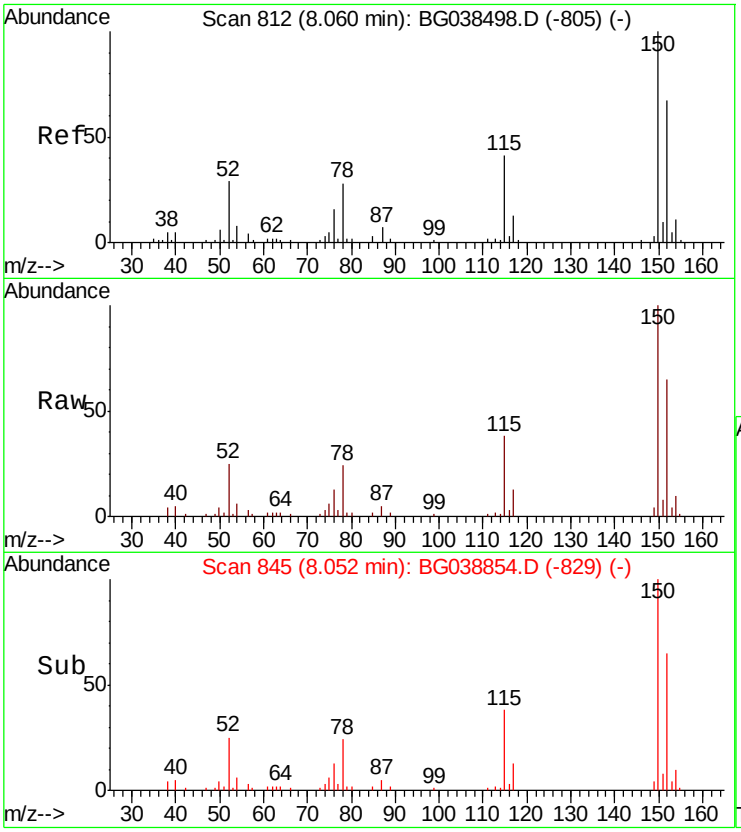


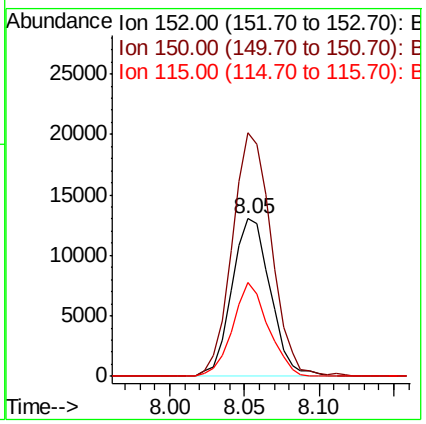


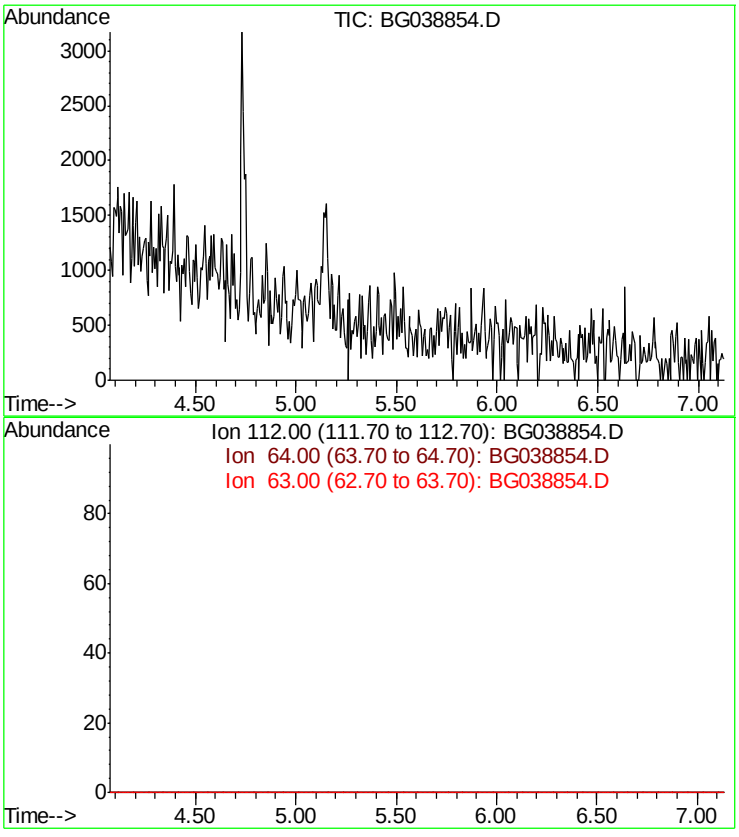
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:152 Resp: 23398

Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.5	179.3
115	59.3	49.6	74.4



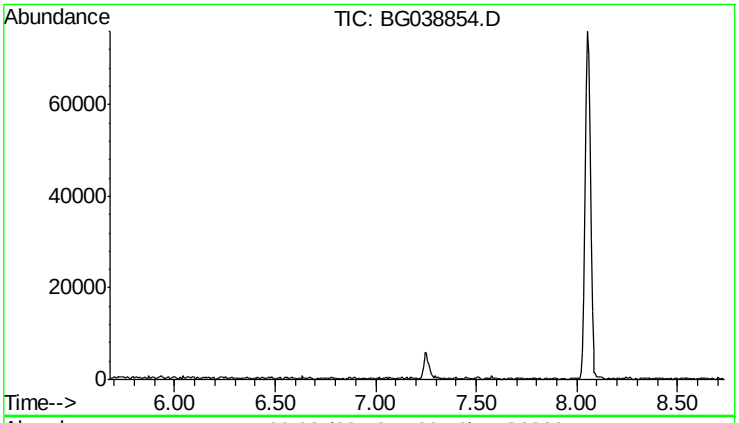


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.60 min

Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	66.8
63	36.6



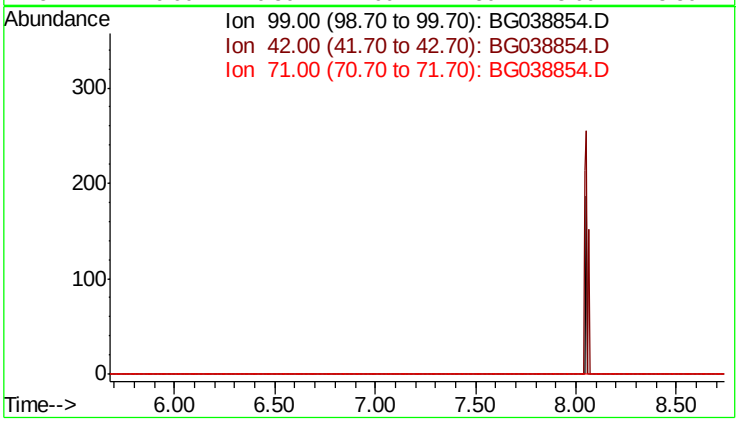
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.21 min

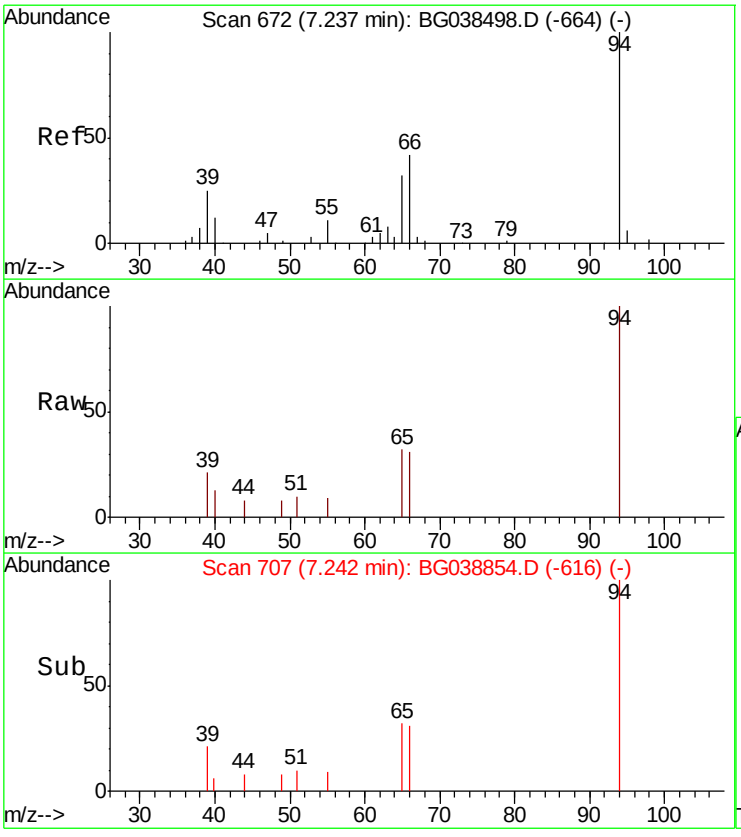
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	23.1
71	38.9

Instrument :
BNA_G
ClientSampleId :
MW-7

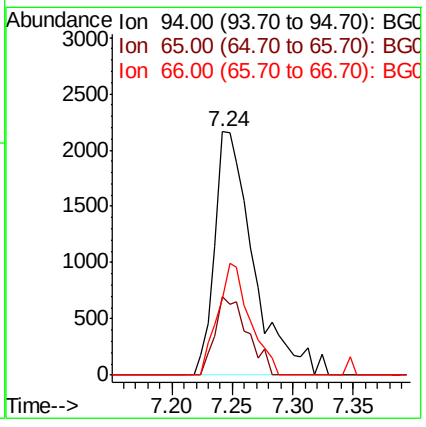


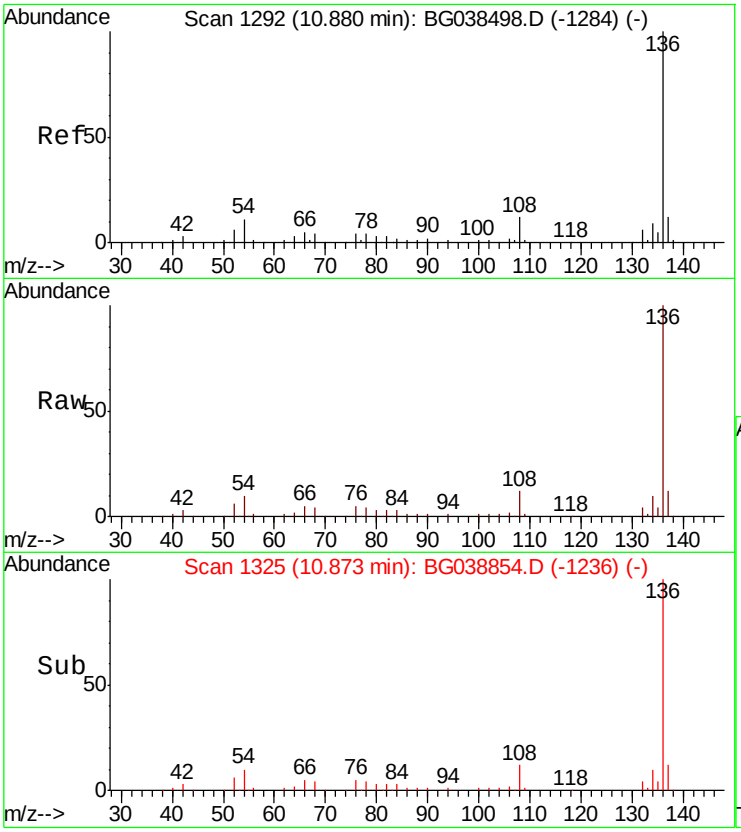


#10
Phenol
Concen: 2.502 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.00 min
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Tgt Ion: 94 Resp: 4813

Ion	Ratio	Lower	Upper
94	100		
65	32.4	12.6	52.6
66	31.1	24.1	64.1



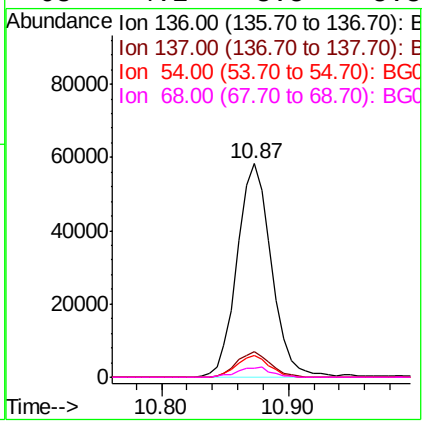


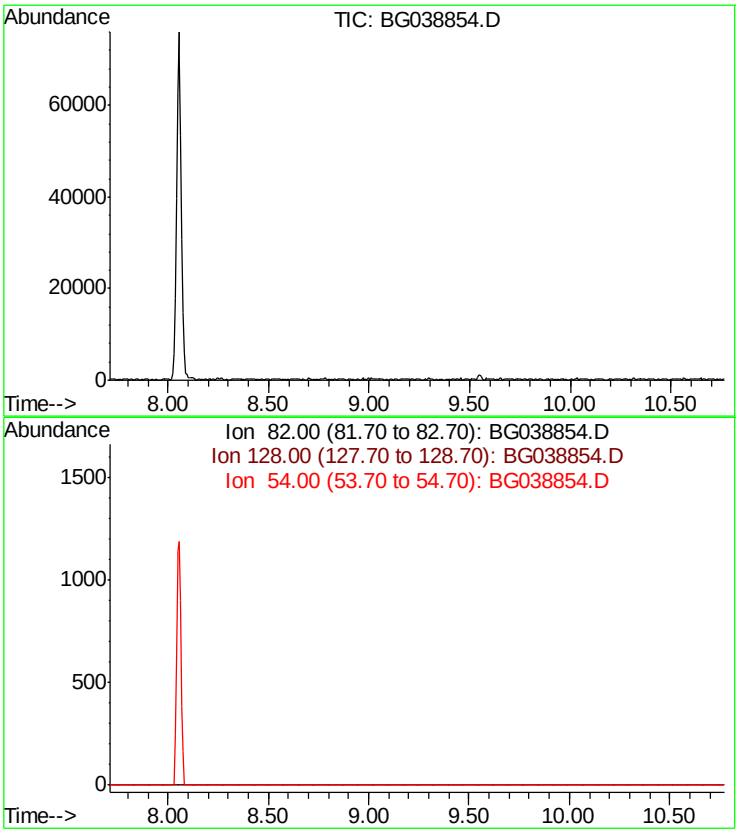
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:136 Resp: 109412

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	10.3	8.5	12.7
68	4.2	3.5	5.3



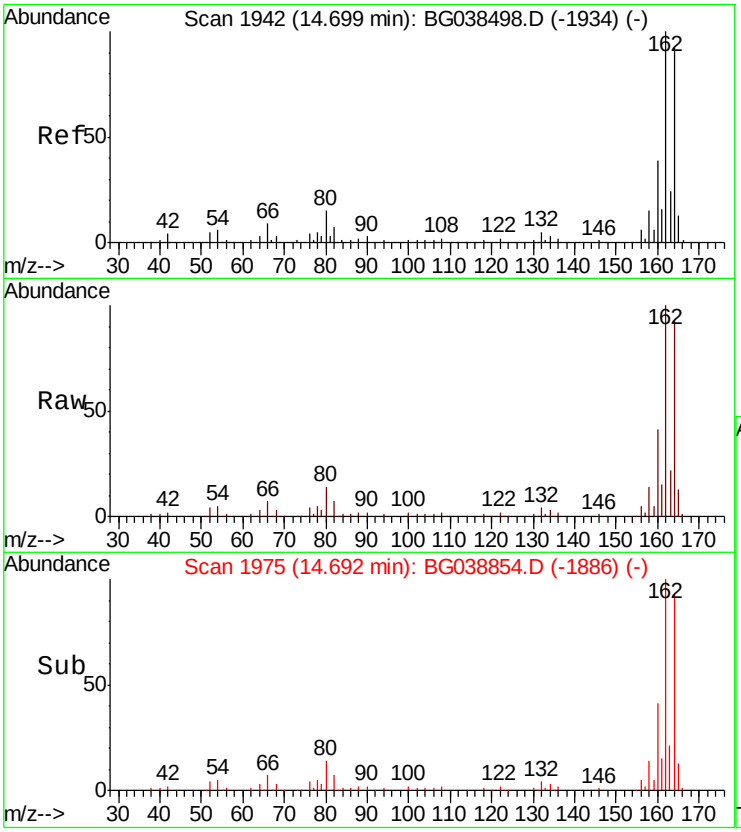


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.24 min

Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	43.3
54	63.3

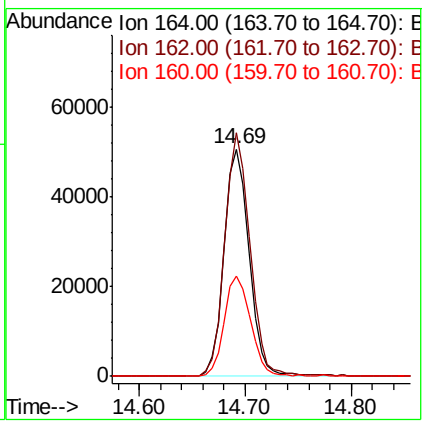


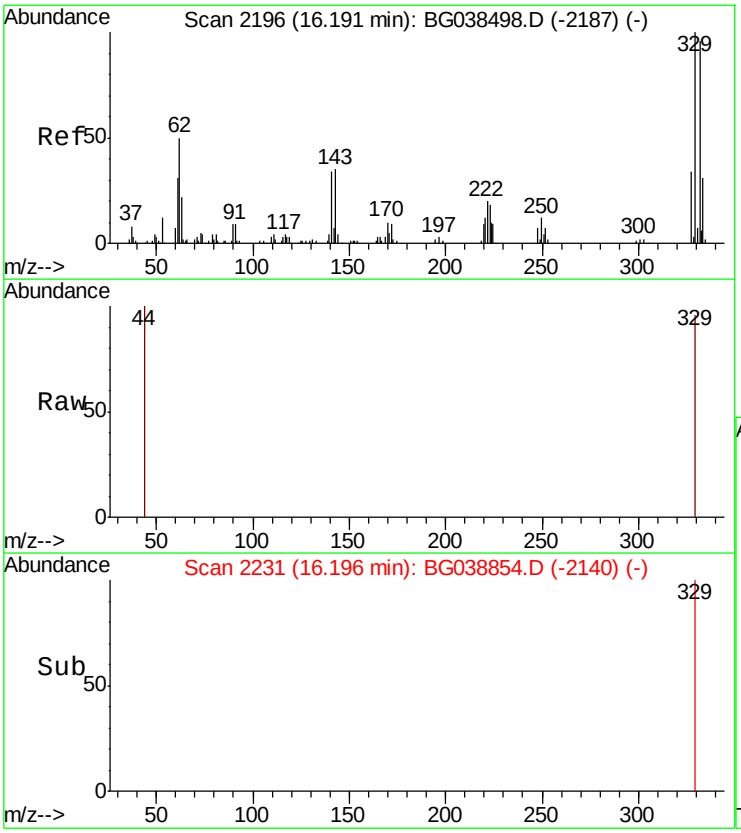
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:164 Resp: 83699

Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.6	130.0
160	44.0	34.2	51.2

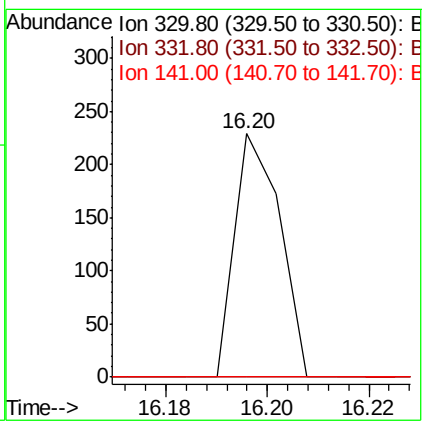


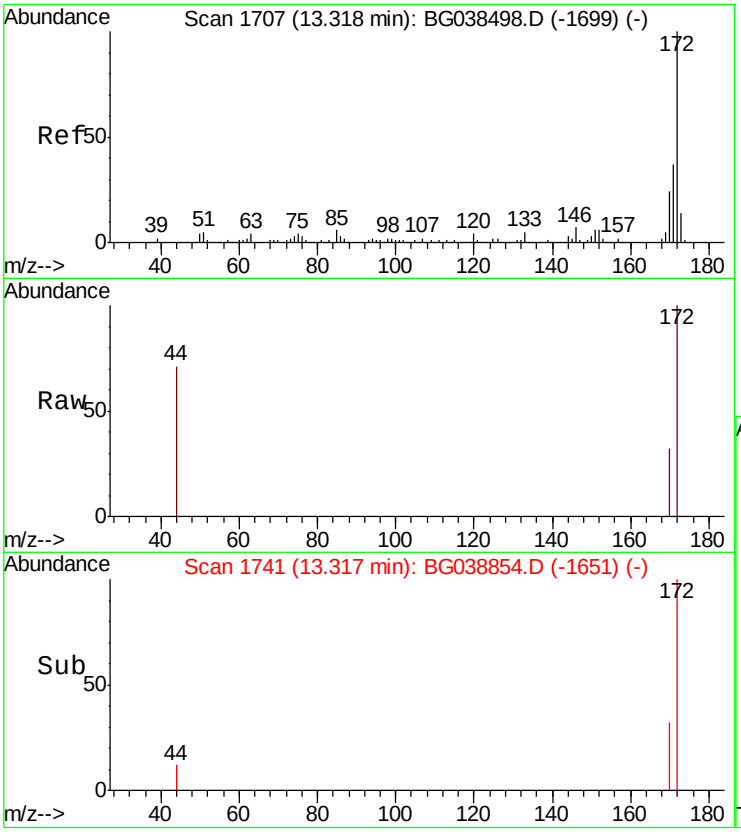


#42
2,4,6-Tribromophenol
Concen: 0.123 ng
RT: 16.20 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Tgt Ion:330 Resp: 142

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.9	115.3#
141	0.0	28.8	43.2#



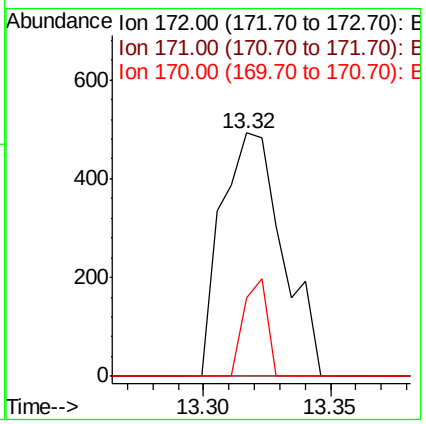


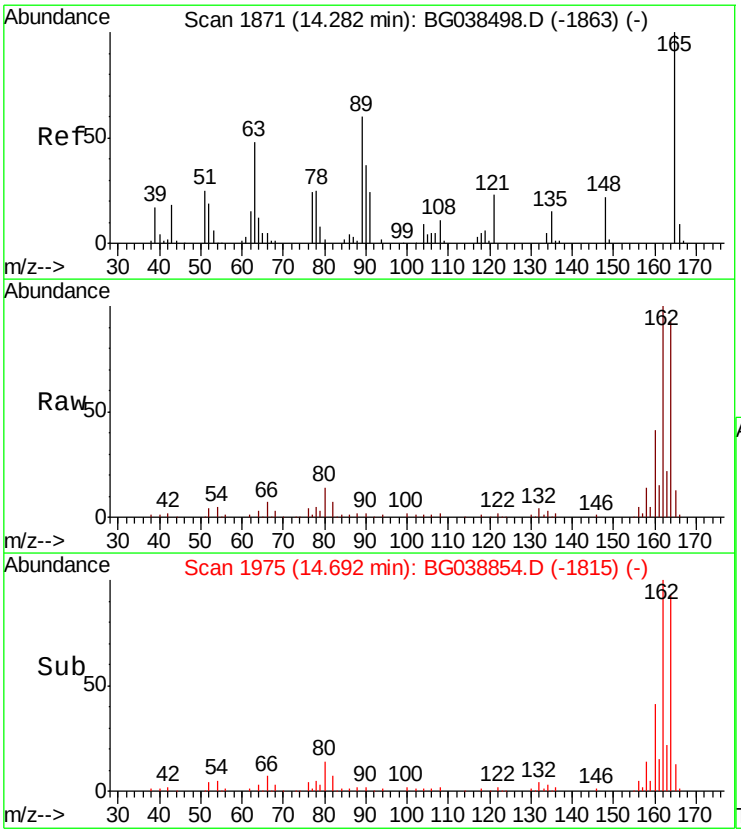
#45
2-Fluorobiphenyl
Concen: 0.136 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:172 Resp: 830

Ion	Ratio	Lower	Upper
172	100		
171	0.0	29.8	44.6#
170	32.5	19.5	29.3#

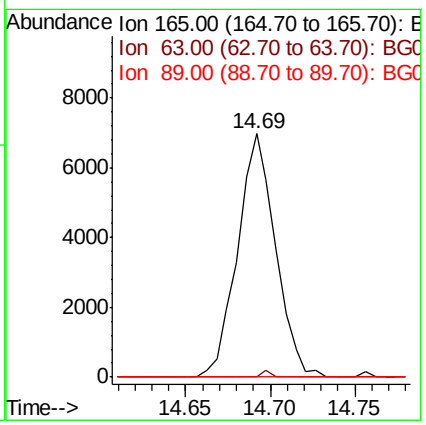


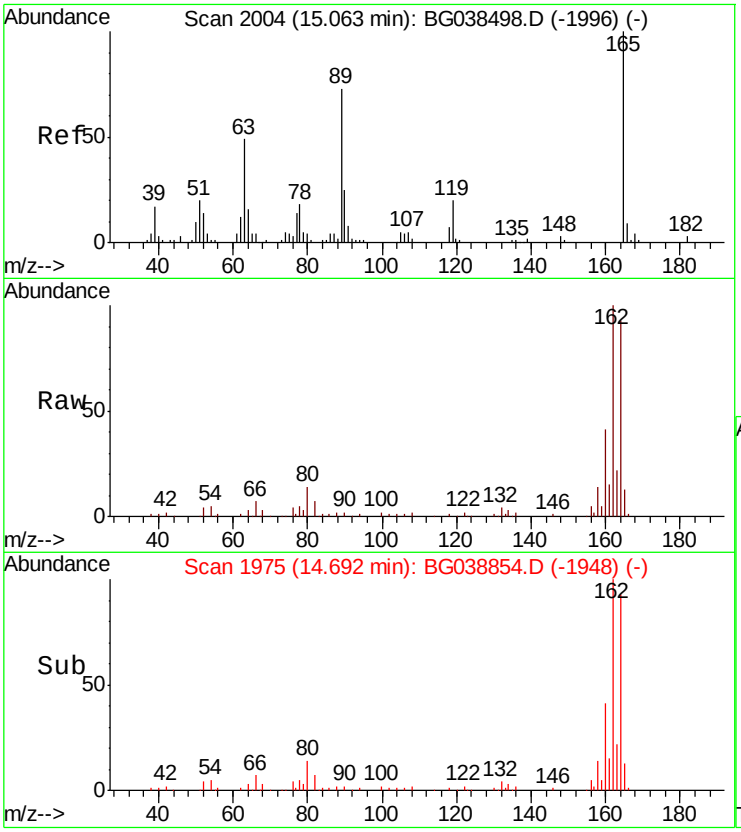


#51
2,6-Dinitrotoluene
Concen: 7.025 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Tgt Ion:165 Resp: 10881

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



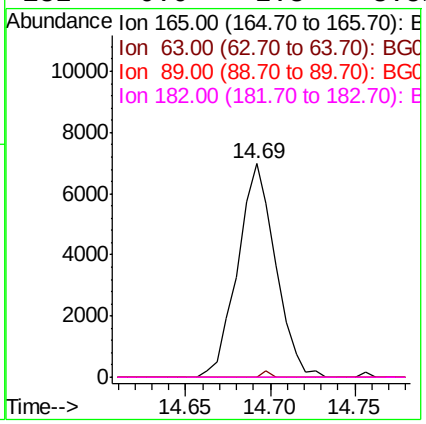


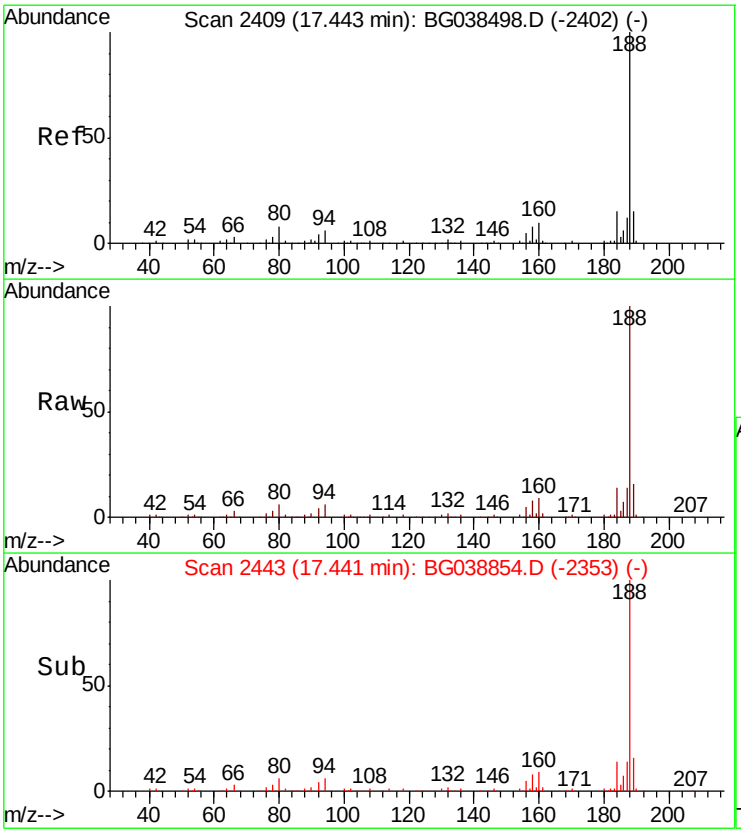
#57
2,4-Dinitrotoluene
Concen: 4.988 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:165 Resp: 10881

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

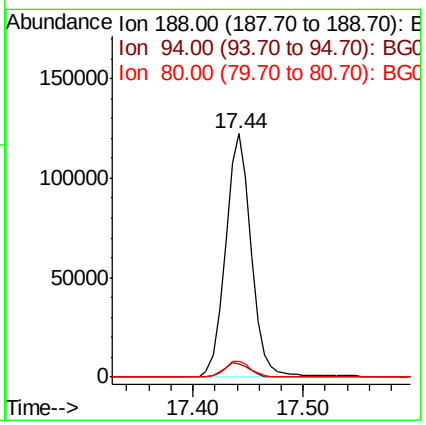


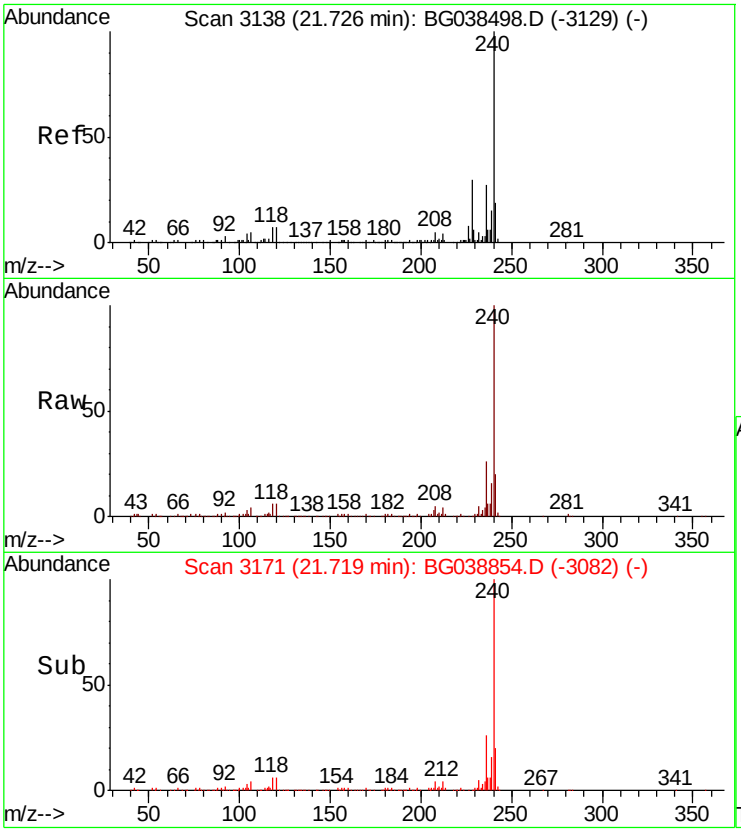


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Tgt Ion:188 Resp: 198929

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.1	7.7
80	6.3	6.1	9.1



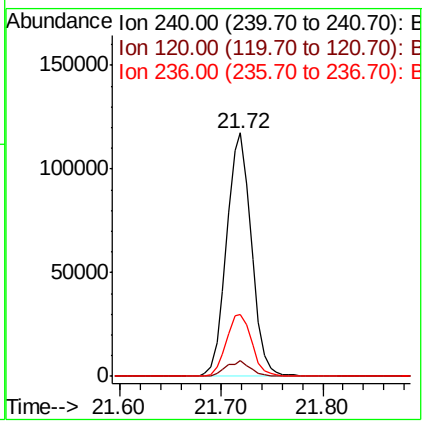


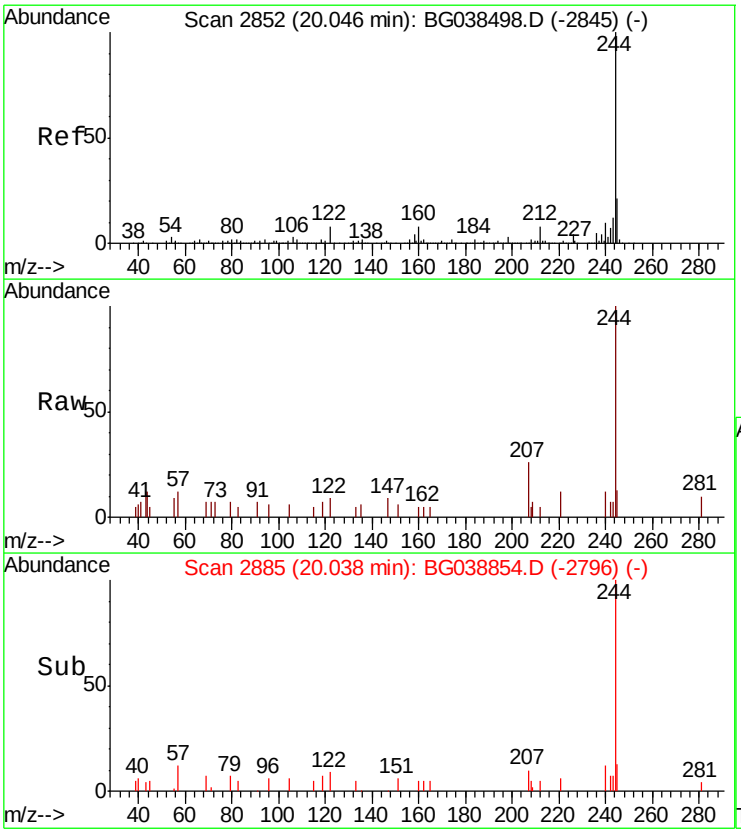
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:240 Resp: 199062

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.3	7.9
236	25.5	21.4	32.2

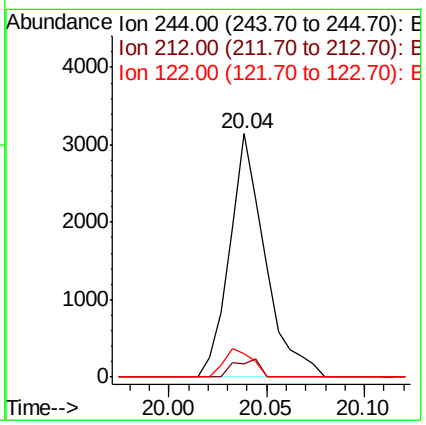


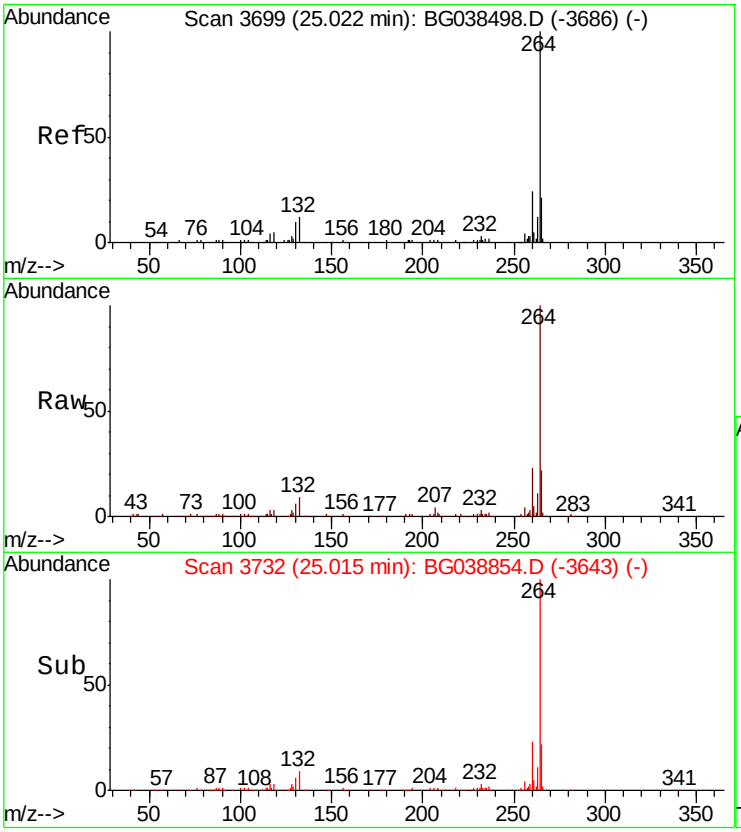


#79
Terphenyl-d14
Concen: 0.434 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Tgt Ion:244 Resp: 3970

Ion	Ratio	Lower	Upper
244	100		
212	5.2	6.2	9.2#
122	9.5	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038854.D
Acq: 27 Dec 2018 21:55

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:264 Resp: 215556

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.5	17.0	25.4