Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038723.D
Acq On : 19 Dec 2018 11:07
Operator : JU/SJ
Sample : J6398-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 19 12:19:20 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	23187	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	95317	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	67065	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	169752	20.00	ng	0.00
76) Chrysene-d12	21.72	240	175931	20.00	ng	0.00
87) Perylene-d12	25.01	264	181450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	6894	5.27	ng	0.00
7) Phenol-d6	7.21	99	5301	2.95	ng	0.00
23) Nitrobenzene-d5	9.24	82	11867	6.36	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	8341	9.02	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	35325	7.23	ng	0.00
79) Terphenyl-d14	20.04	244	67201	8.31	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	14.69	165	8545	6.885	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	8545	4.888	ng	# 21

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038723.D
Acq On : 19 Dec 2018 11:07
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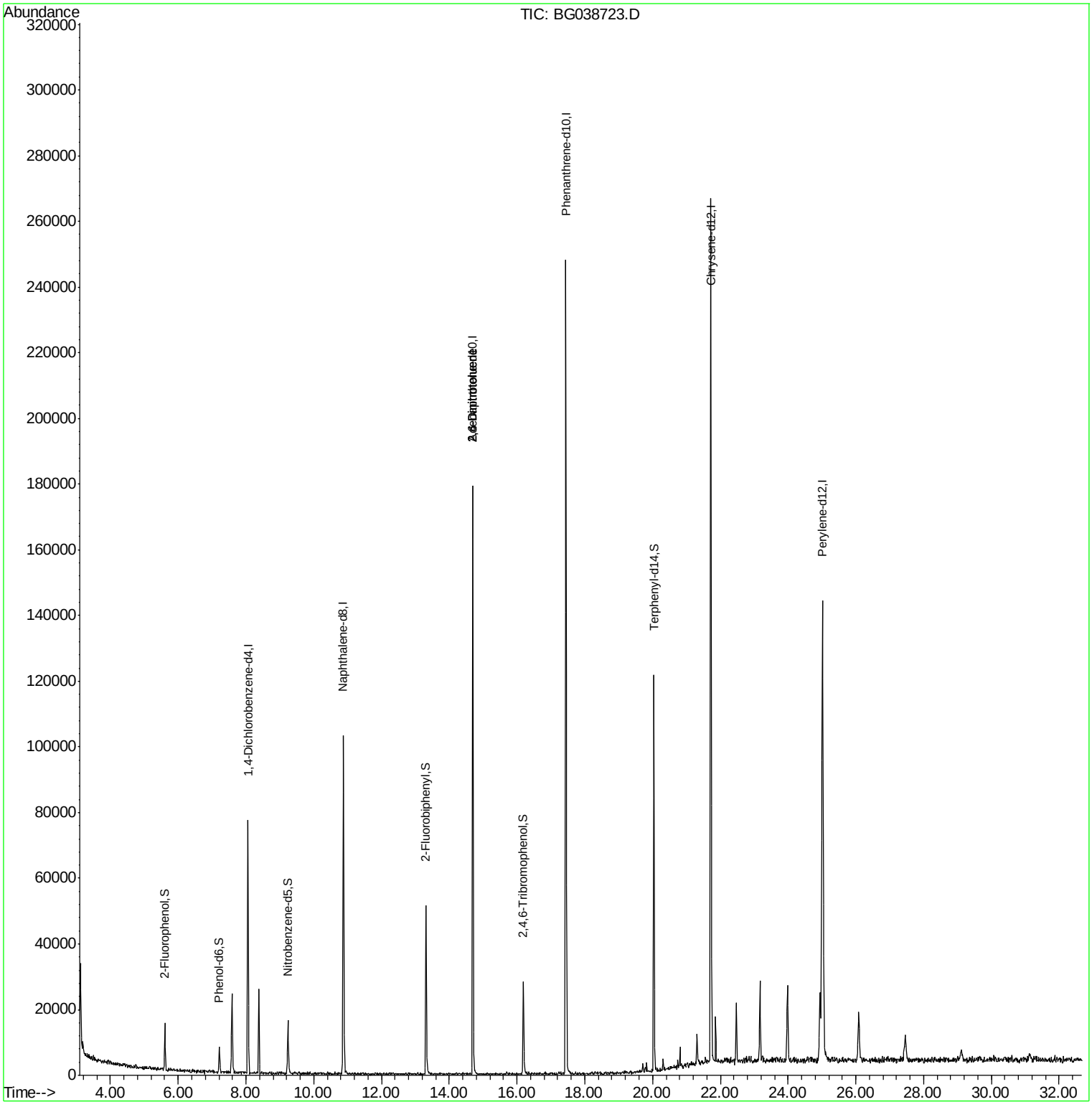
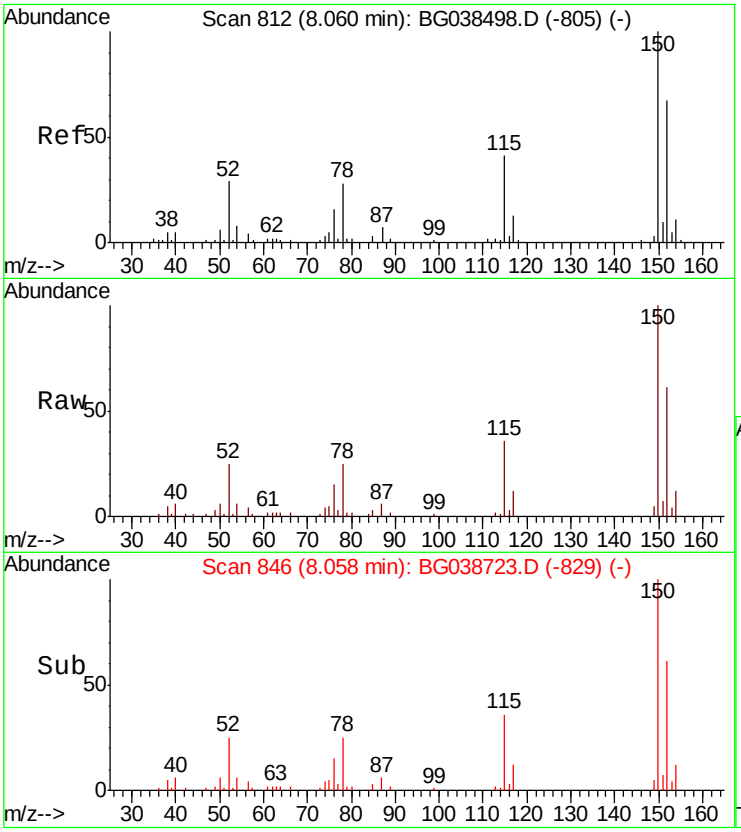


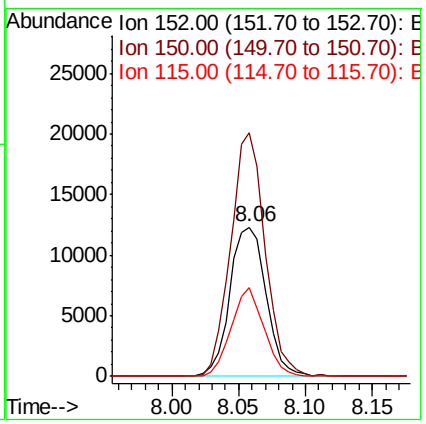


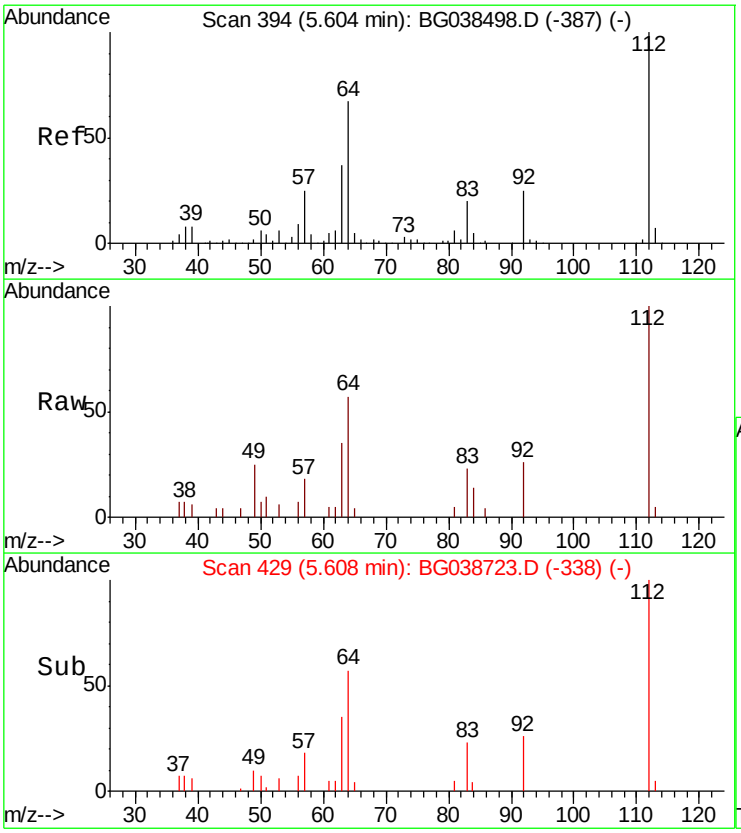
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 23187

Ion	Ratio	Lower	Upper
152	100		
150	163.2	119.5	179.3
115	59.5	49.6	74.4

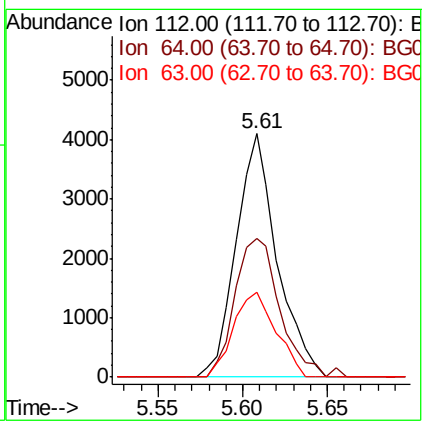


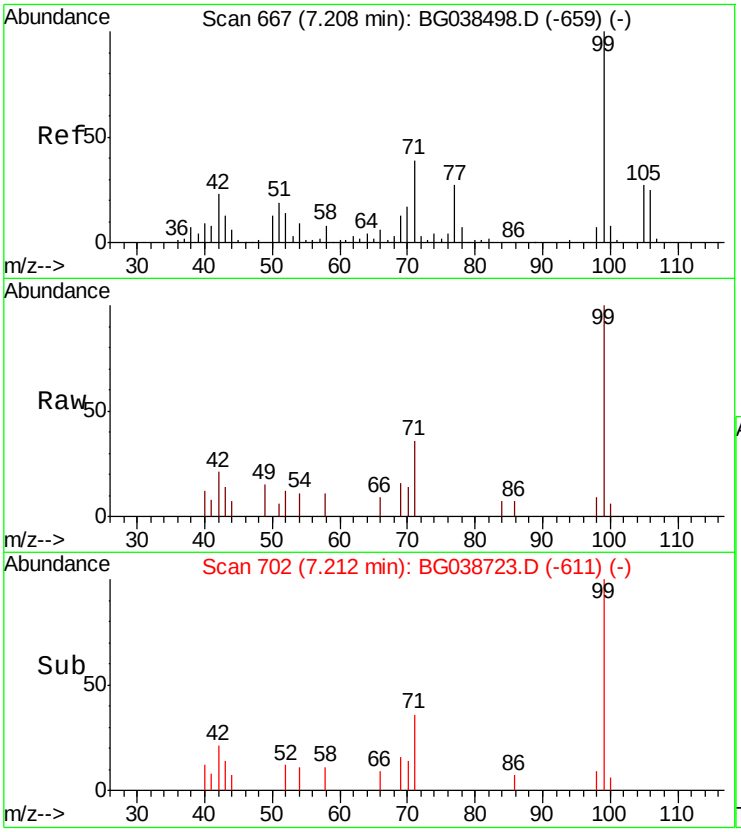


#5
2-Fluorophenol
Concen: 5.273 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Tgt Ion:112 Resp: 6894

Ion	Ratio	Lower	Upper
112	100		
64	57.2	53.4	80.2
63	34.9	29.3	43.9



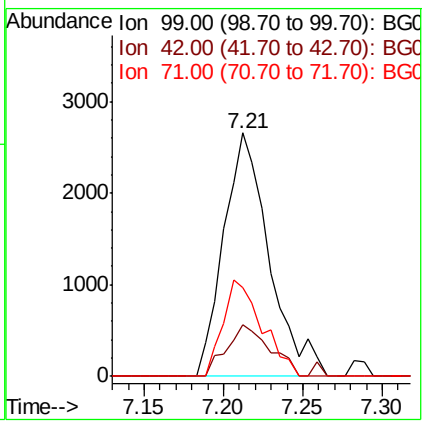


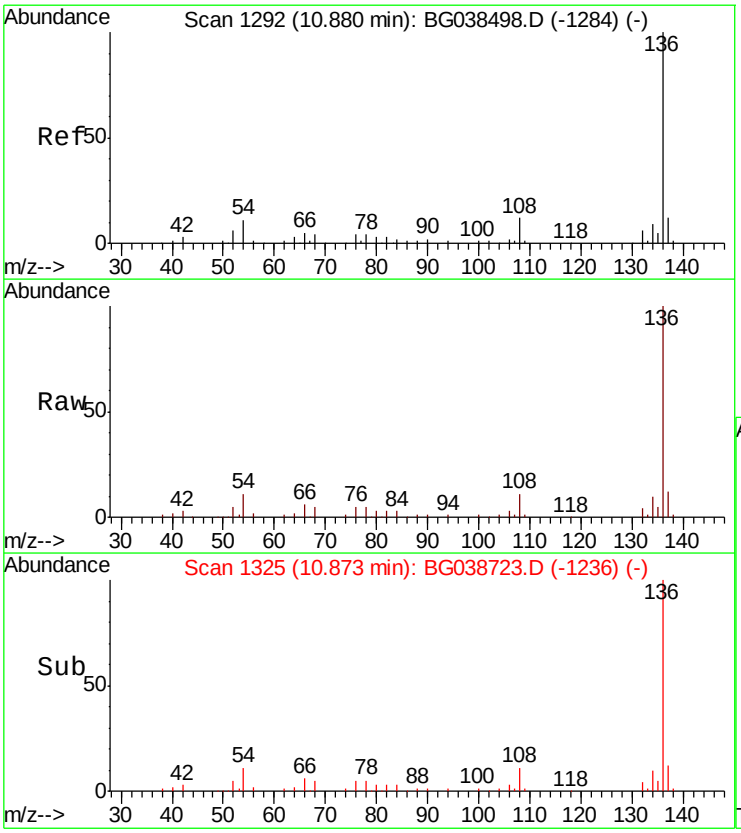
#7
Phenol-d6
Concen: 2.954 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 5301

Ion	Ratio	Lower	Upper
99	100		
42	21.4	18.5	27.7
71	36.4	31.1	46.7

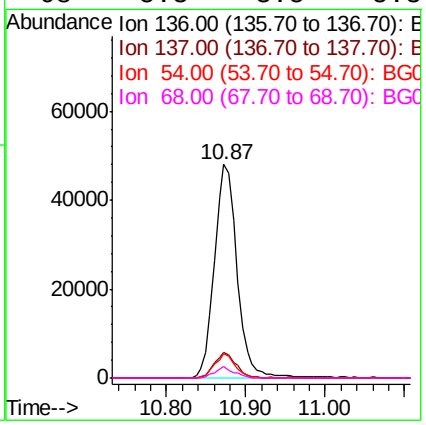


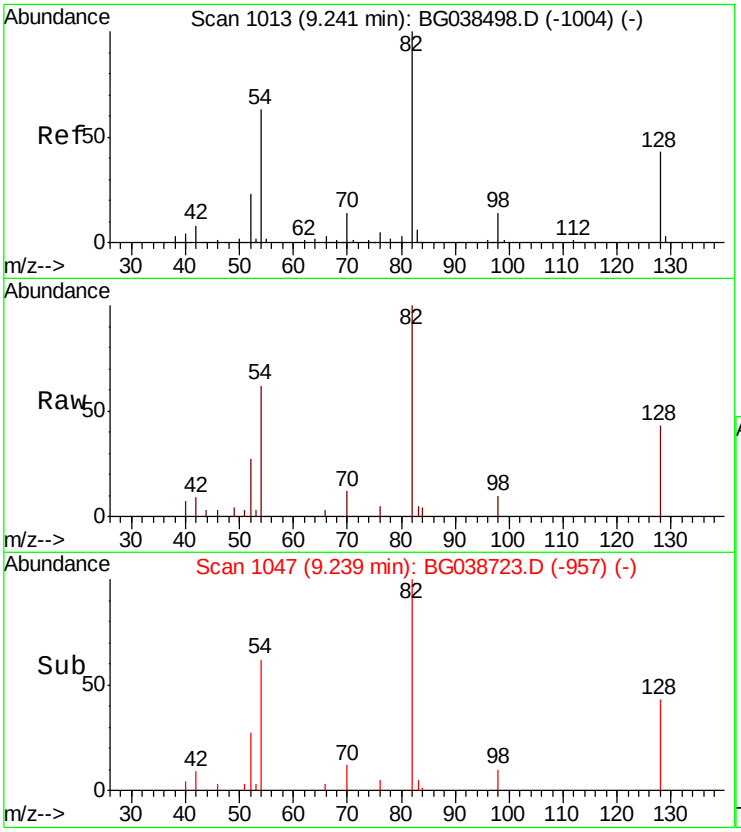


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Tgt Ion:136 Resp: 95317

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	11.5	8.5	12.7
68	5.3	3.5	5.3



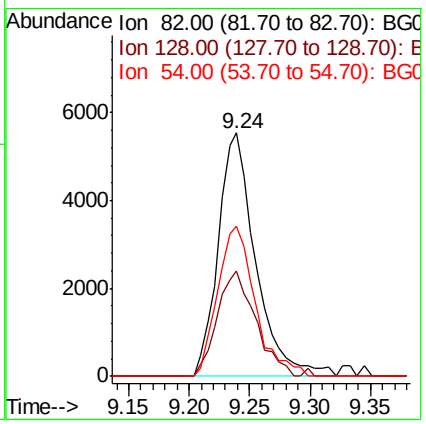


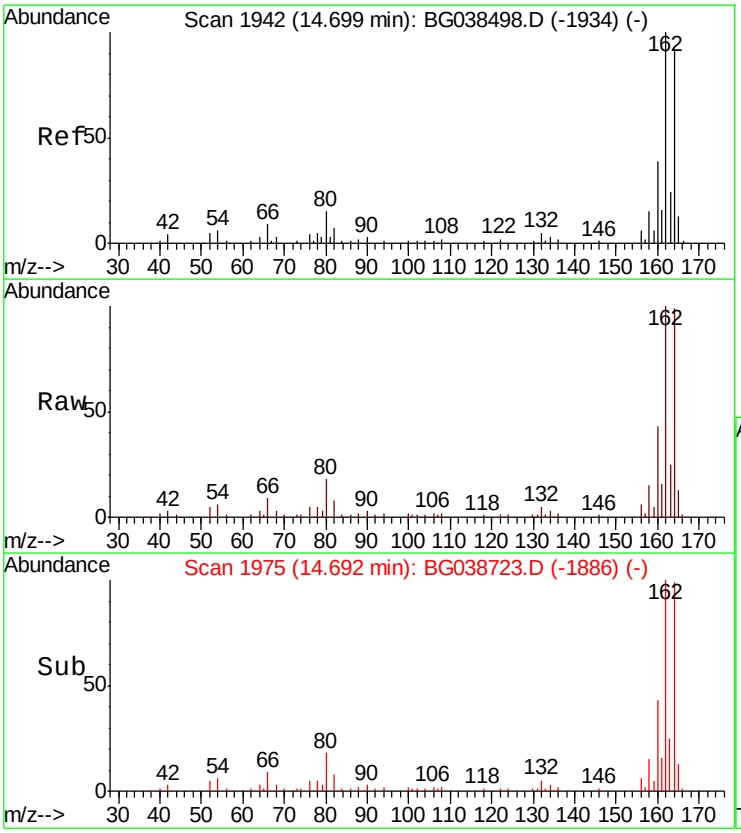
#23
Nitrobenzene-d5
Concen: 6.360 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 11867

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	52.0
54	61.8	50.6	76.0

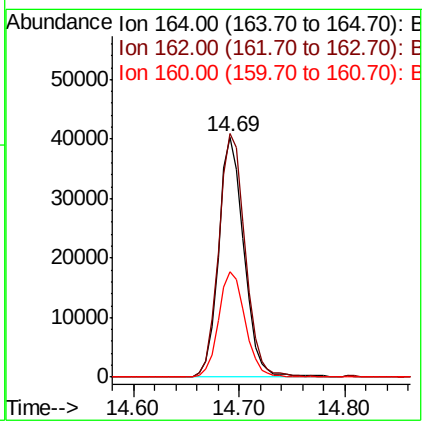


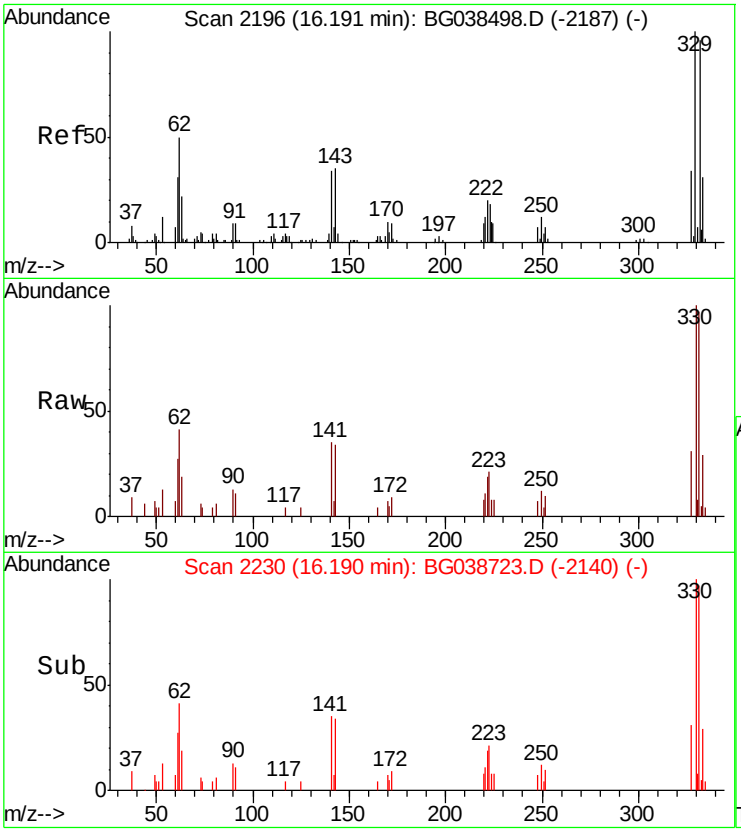


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Tgt Ion:164 Resp: 67065

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.6	130.0
160	43.7	34.2	51.2



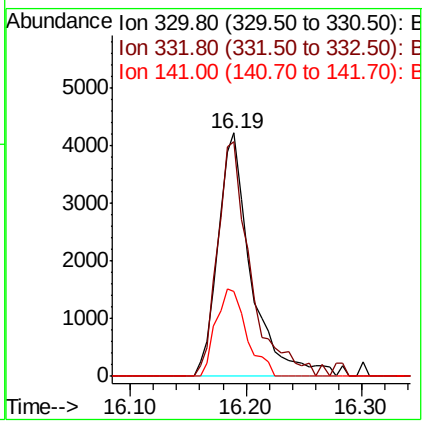


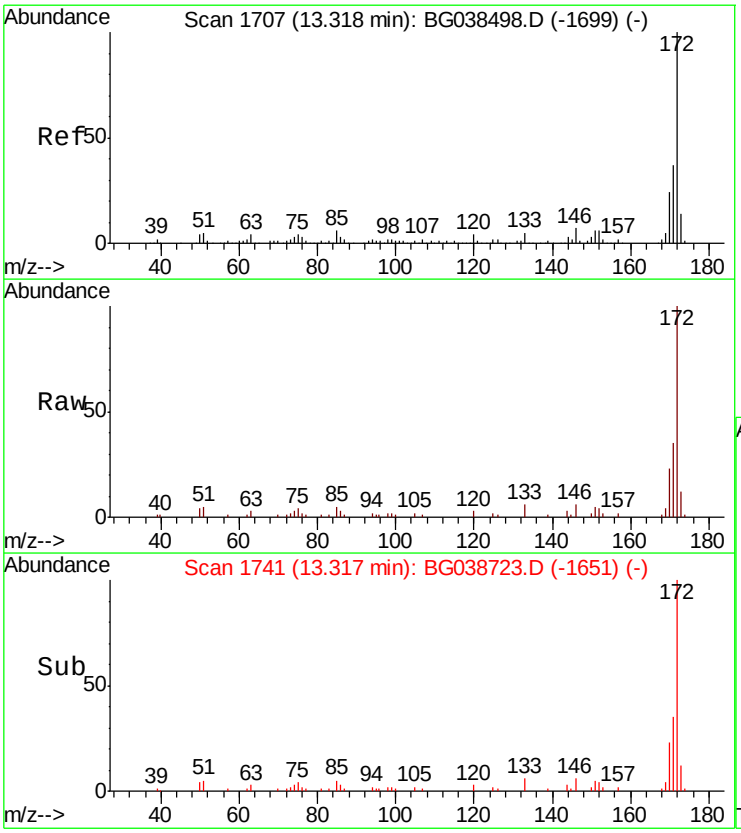
#42
2,4,6-Tribromophenol
Concen: 9.024 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 8341

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	33.2	28.8	43.2

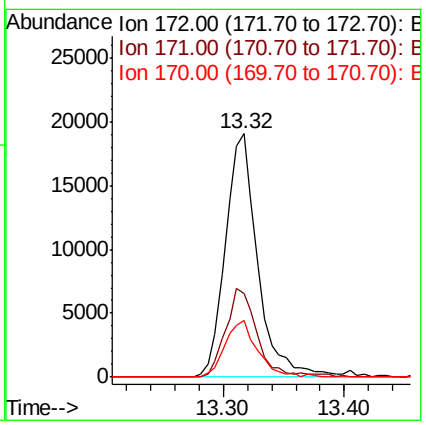


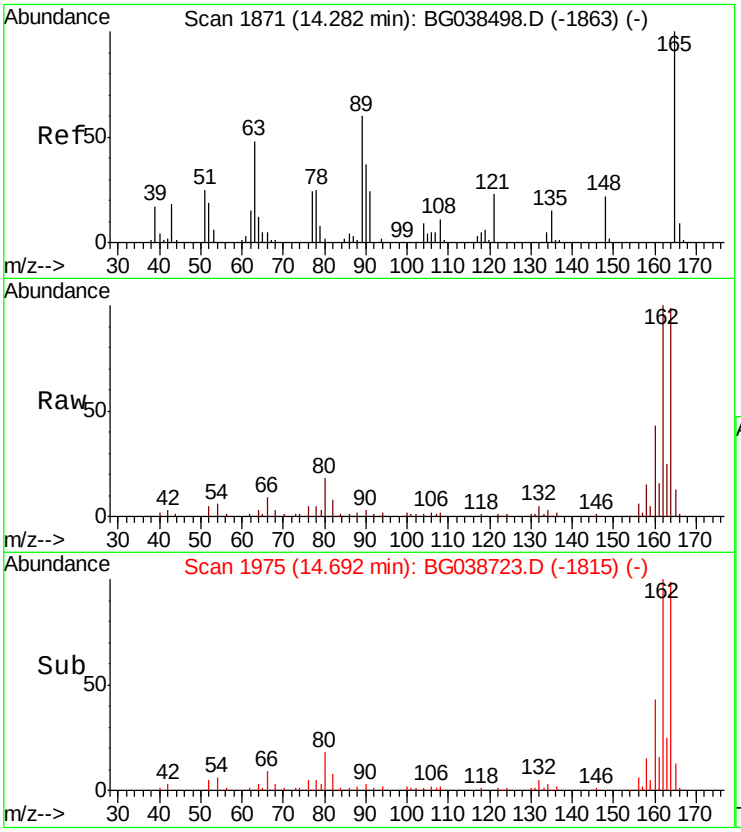


#45
2-Fluorobiphenyl
Concen: 7.226 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Tgt Ion:172 Resp: 35325

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.8	44.6
170	23.4	19.5	29.3



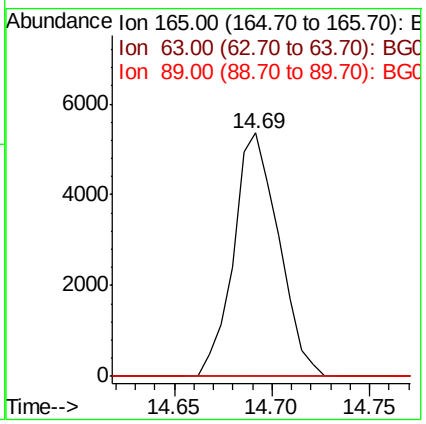


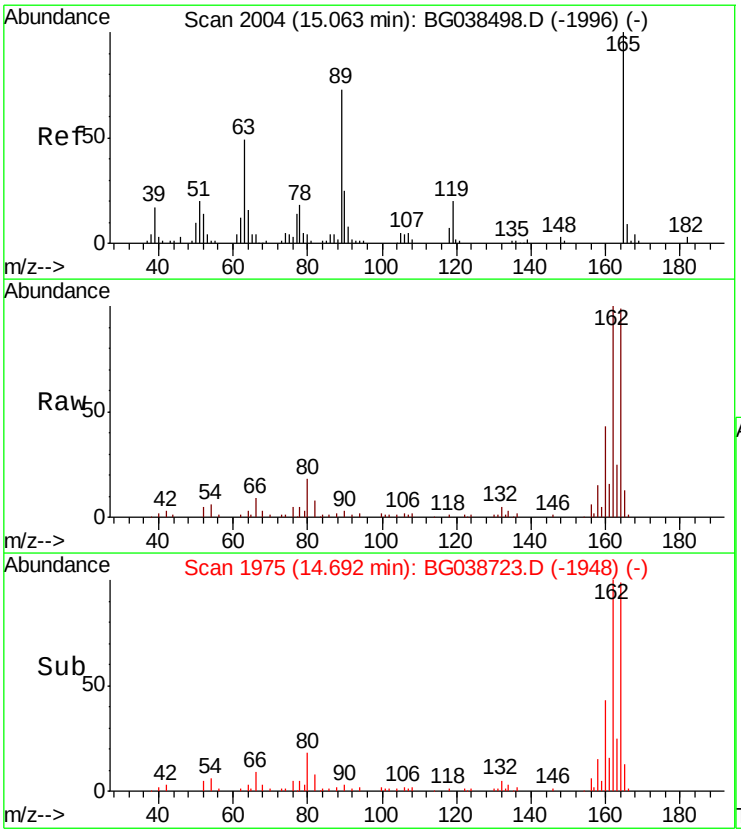
#51
2,6-Dinitrotoluene
Concen: 6.885 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 8545

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

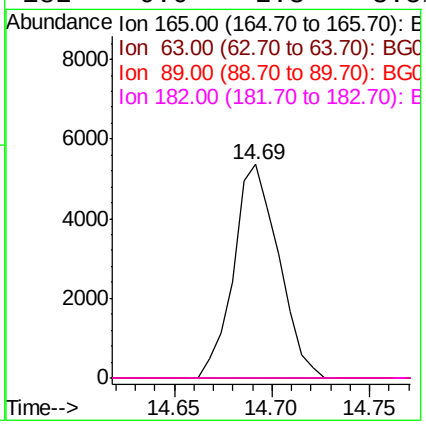


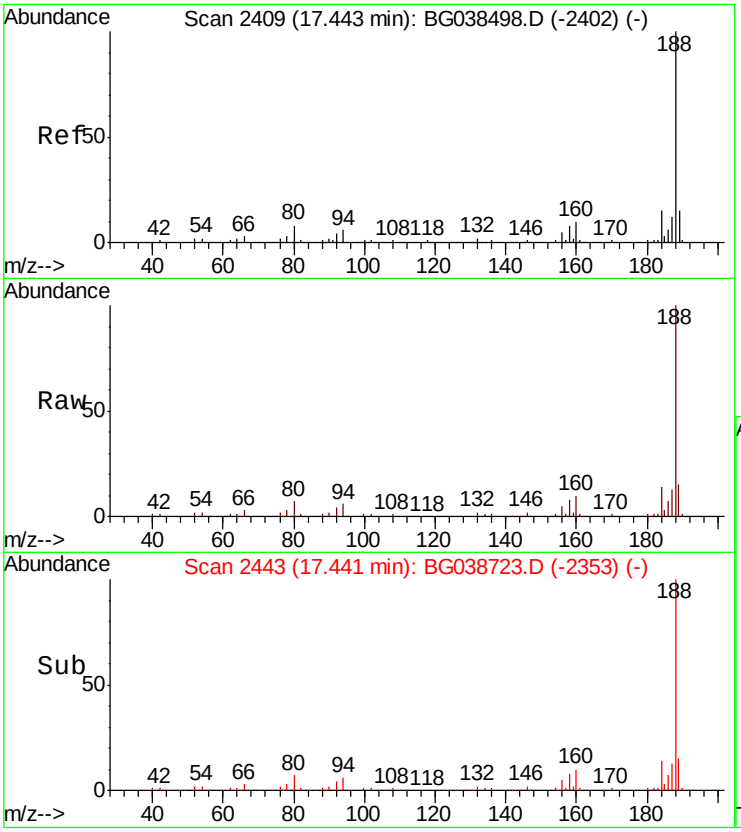


#57
2,4-Dinitrotoluene
Concen: 4.888 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Tgt Ion:165 Resp: 8545

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#



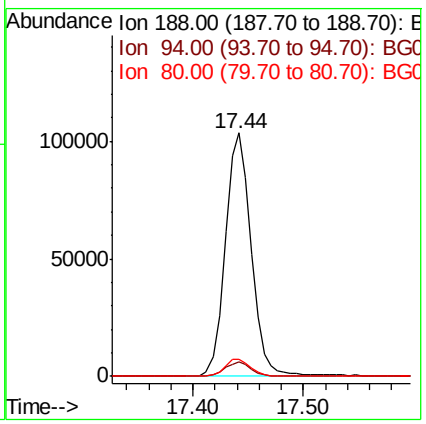


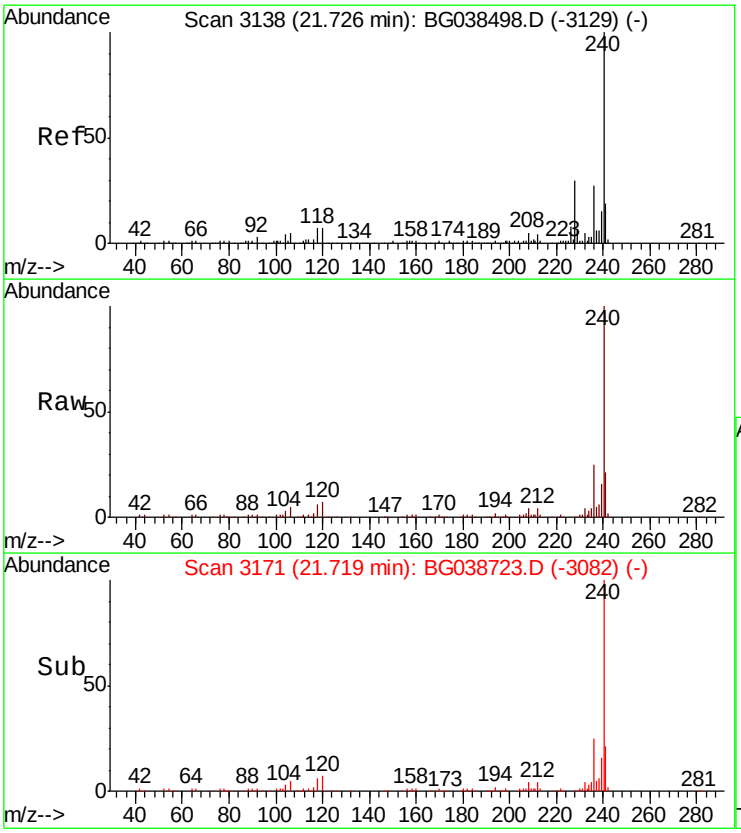
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 169752

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.1	7.7
80	7.1	6.1	9.1

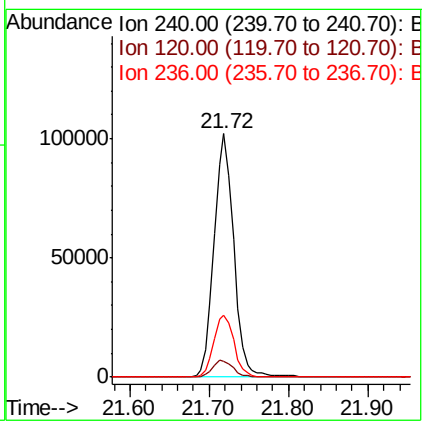


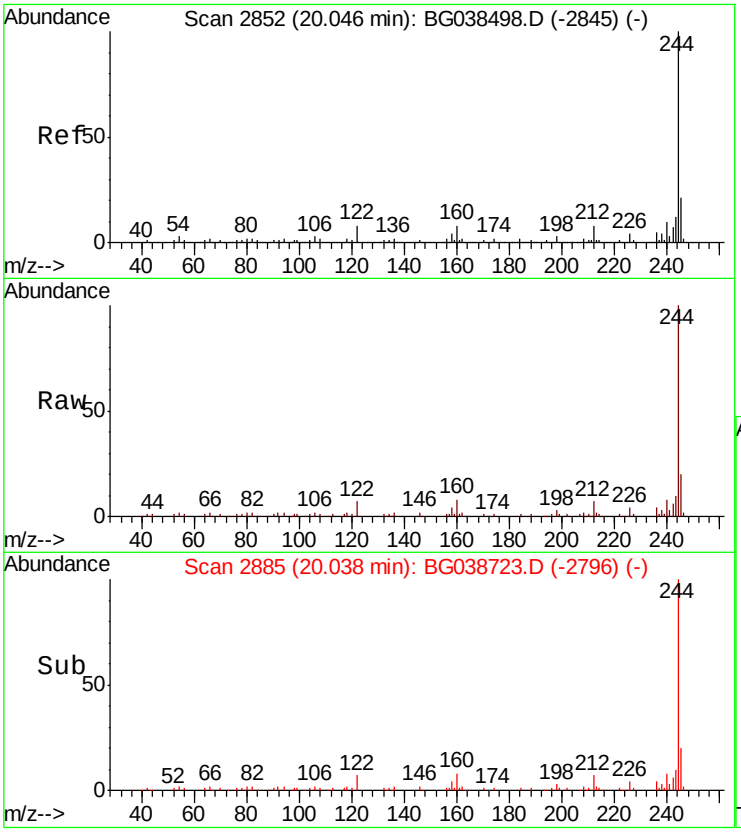


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Tgt Ion:240 Resp: 175931

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	25.3	21.4	32.2



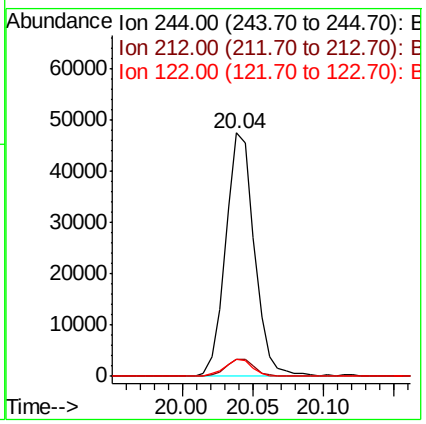


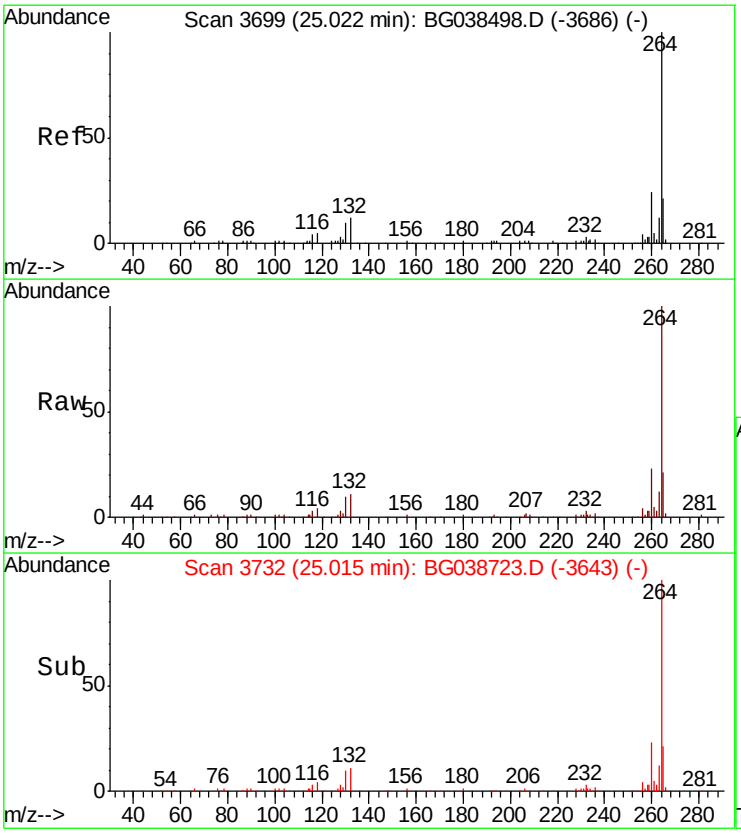
#79
Terphenyl-d14
Concen: 8.313 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 67201

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	7.2	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: BG038723.D
Acq: 19 Dec 2018 11:07

Tgt Ion:264 Resp: 181450

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	20.9	17.0	25.4