Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038650.D
Acq On : 16 Dec 2018 21:26
Operator : JU/SJ
Sample : J6357-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08B

Quant Time: Dec 17 06:34:12 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	21126	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	87276	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	58979	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	138828	20.00	ng		0.00
76) Chrysene-d12	21.72	240	135184	20.00	ng		0.00
87) Perylene-d12	25.02	264	146686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	161297	135.42	ng		0.00
7) Phenol-d6	7.21	99	226963	138.80	ng		0.00
23) Nitrobenzene-d5	9.23	82	164205	96.12	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	88959	109.44	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	378339	88.00	ng		0.00
79) Terphenyl-d14	20.04	244	559586	90.09	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	16329	9.400	ng		87
50) Dimethylphthalate	14.14	163	36872	7.655	ng	#	99

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

Quantitation Report (LSC Reviewed)

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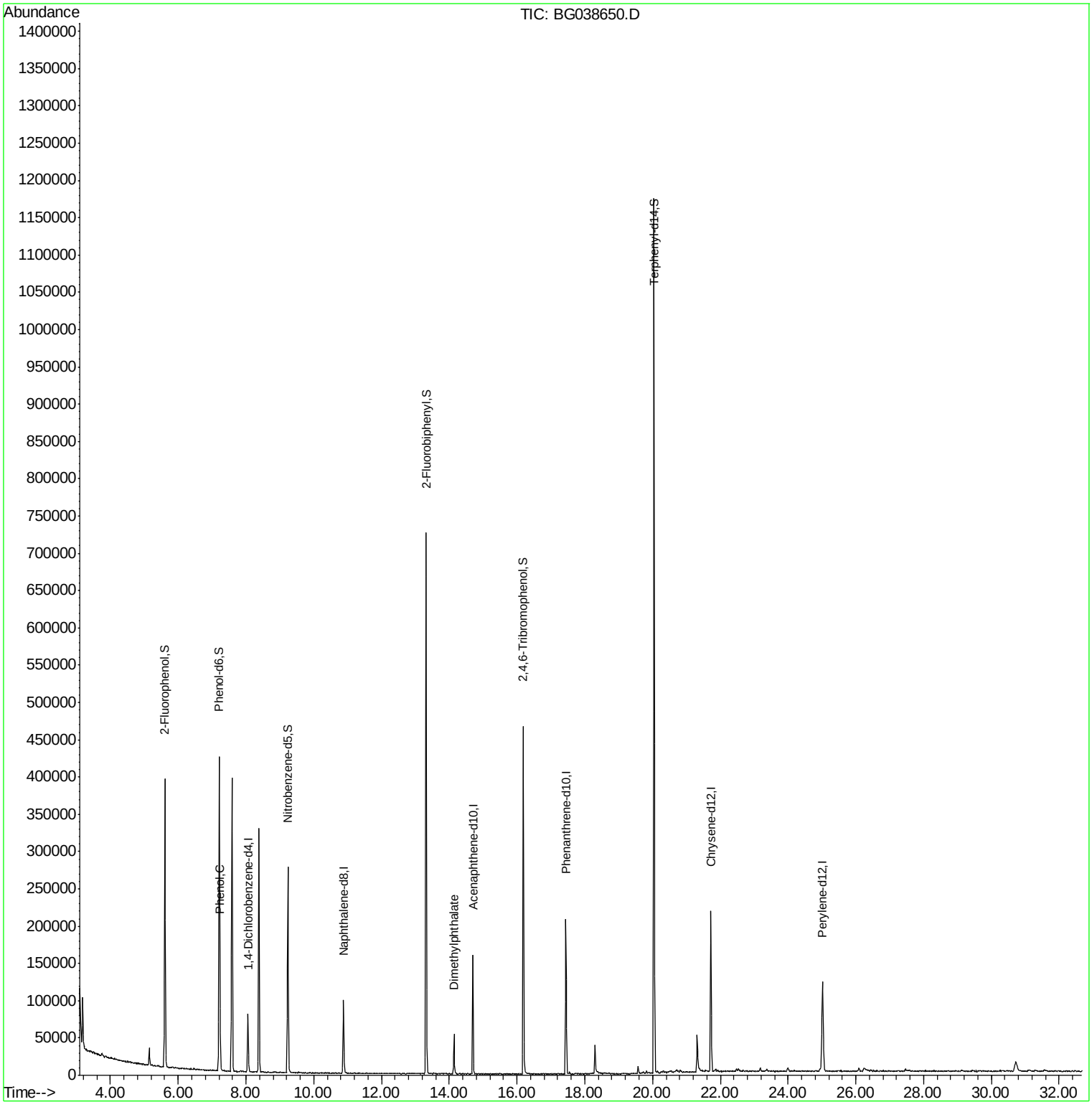
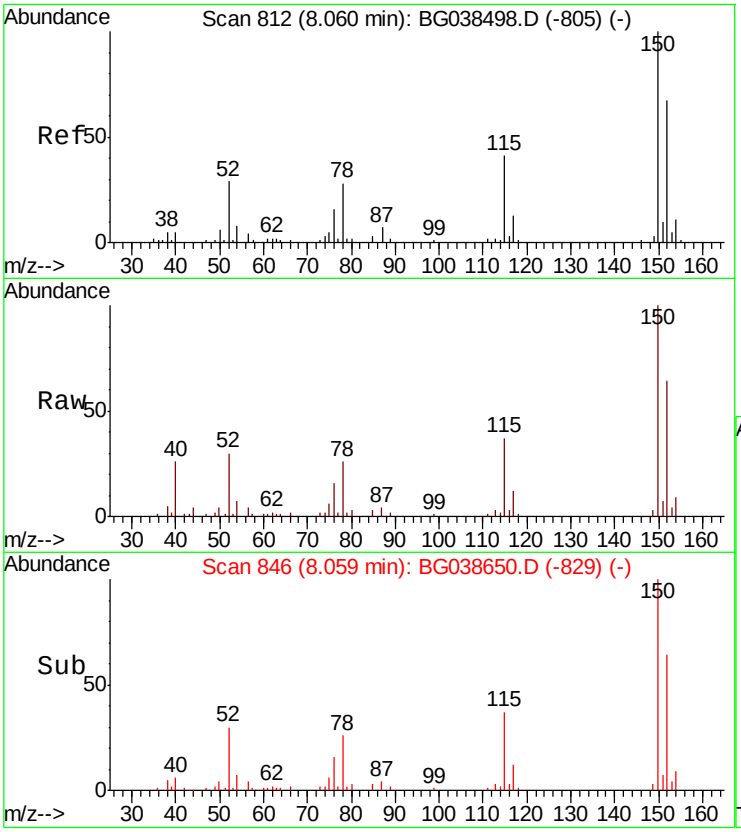


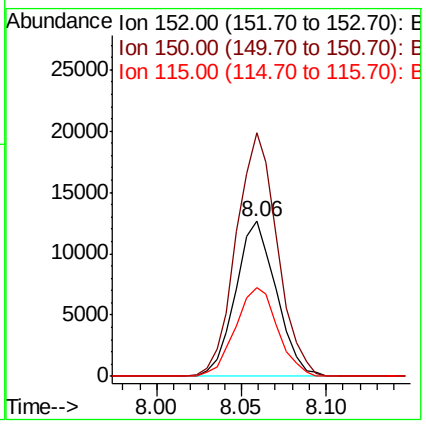


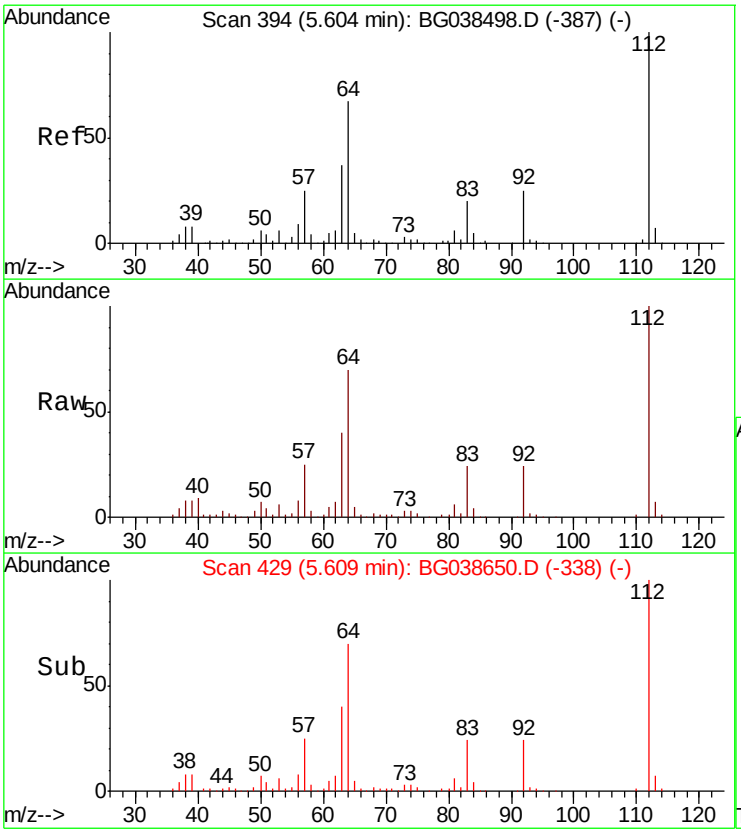
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB-08B

Tgt Ion:152 Resp: 21126

Ion	Ratio	Lower	Upper
152	100		
150	157.2	119.5	179.3
115	57.7	49.6	74.4

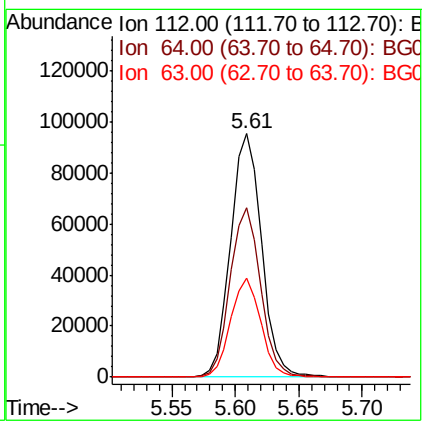


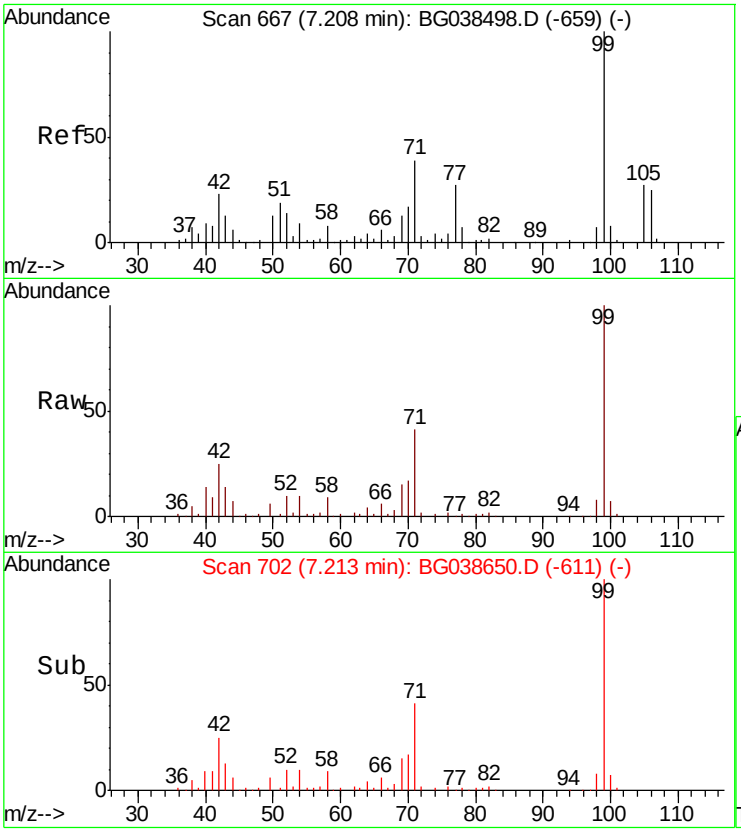


#5
2-Fluorophenol
Concen: 135.418 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Tgt Ion:112 Resp: 161297

Ion	Ratio	Lower	Upper
112	100		
64	69.7	53.4	80.2
63	40.4	29.3	43.9



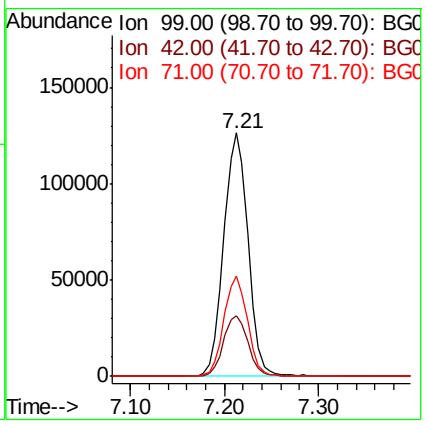


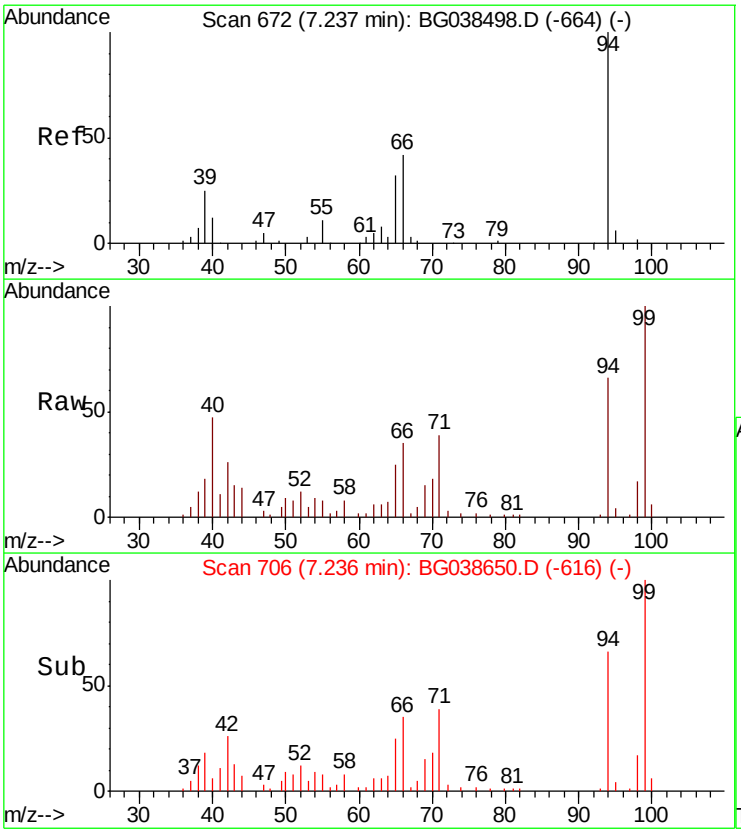
#7
Phenol-d6
Concen: 138.802 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB-08B

Tgt Ion: 99 Resp: 226963

Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.5	27.7
71	41.2	31.1	46.7

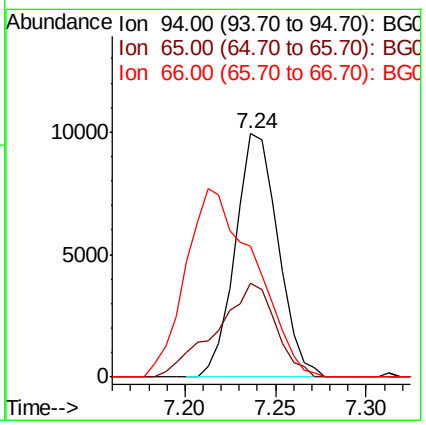


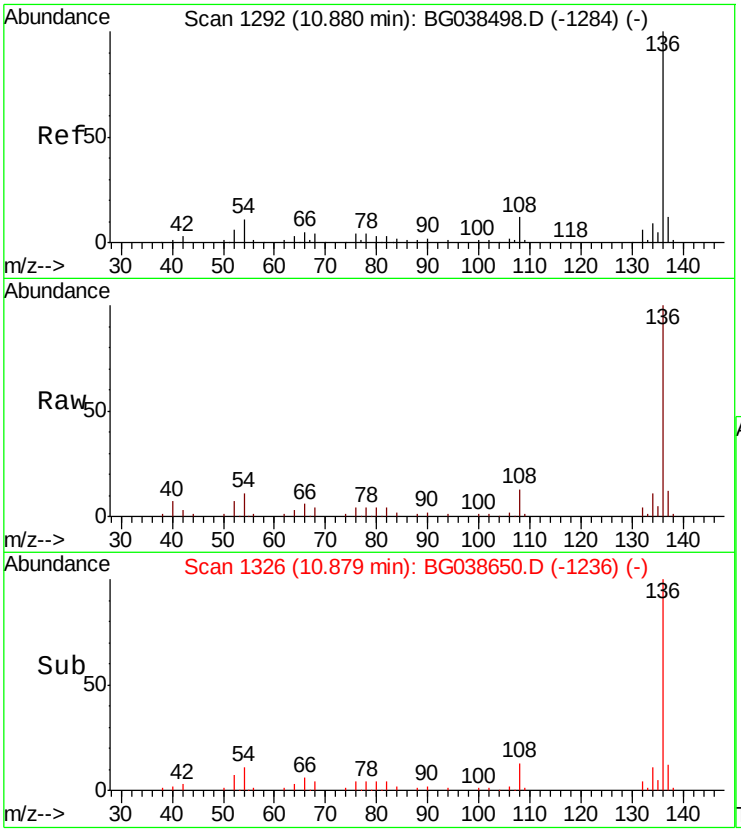


#10
Phenol
Concen: 9.400 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Tgt Ion: 94 Resp: 16329

Ion	Ratio	Lower	Upper
94	100		
65	38.7	12.6	52.6
66	53.6	24.1	64.1



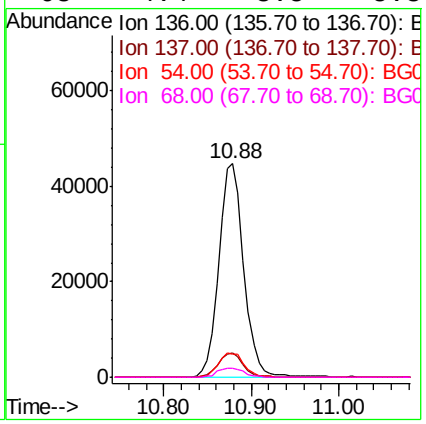


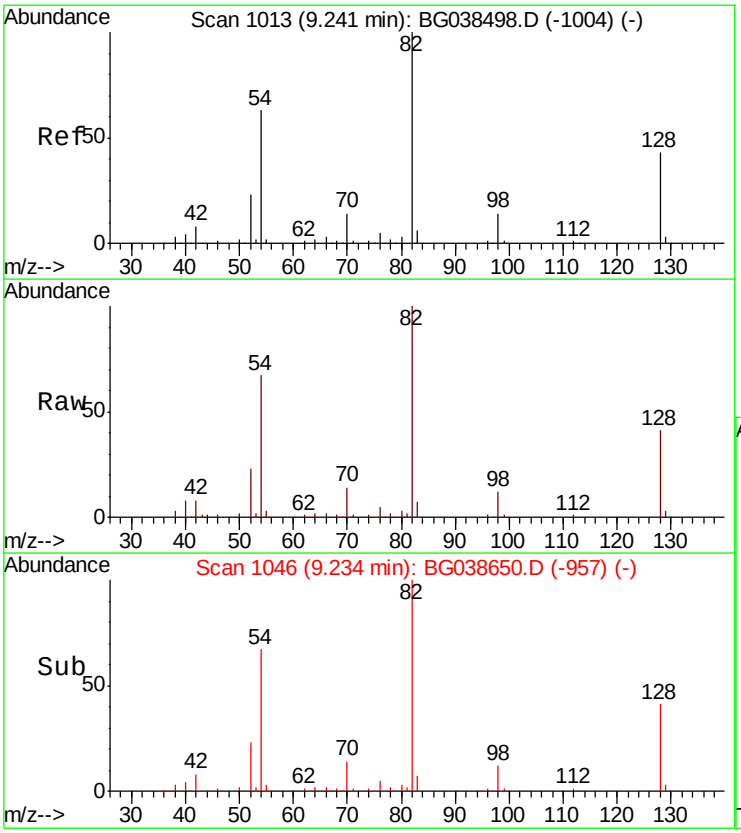
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB-08B

Tgt Ion:136 Resp: 87276

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	11.0	8.5	12.7
68	4.4	3.5	5.3

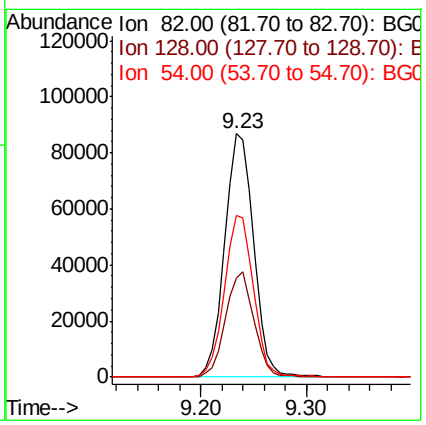


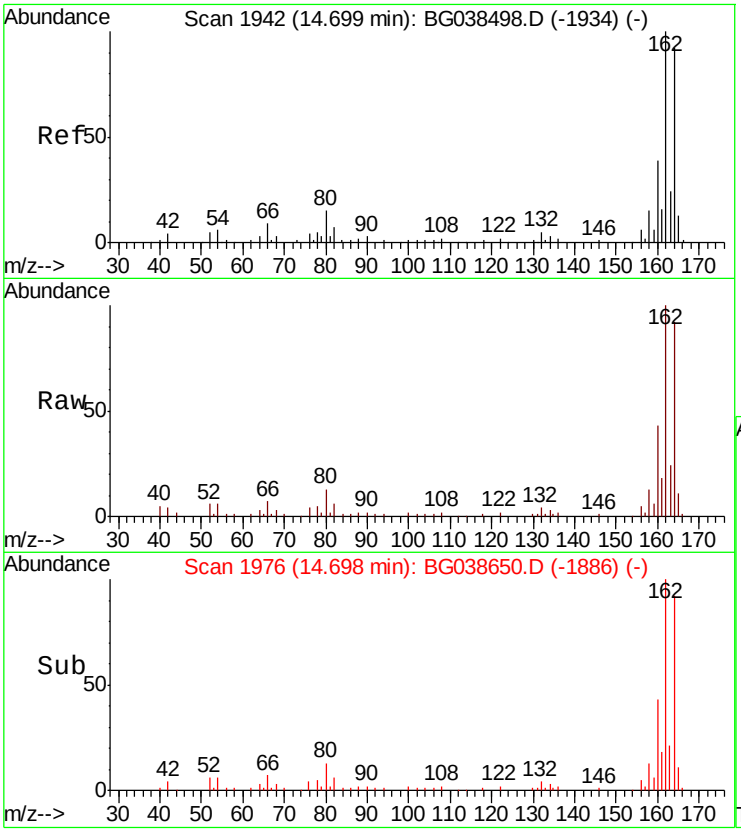


#23
Nitrobenzene-d5
Concen: 96.118 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Tgt Ion: 82 Resp: 164205

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	52.0
54	66.6	50.6	76.0



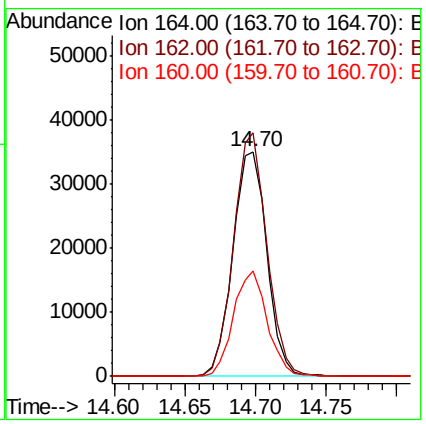


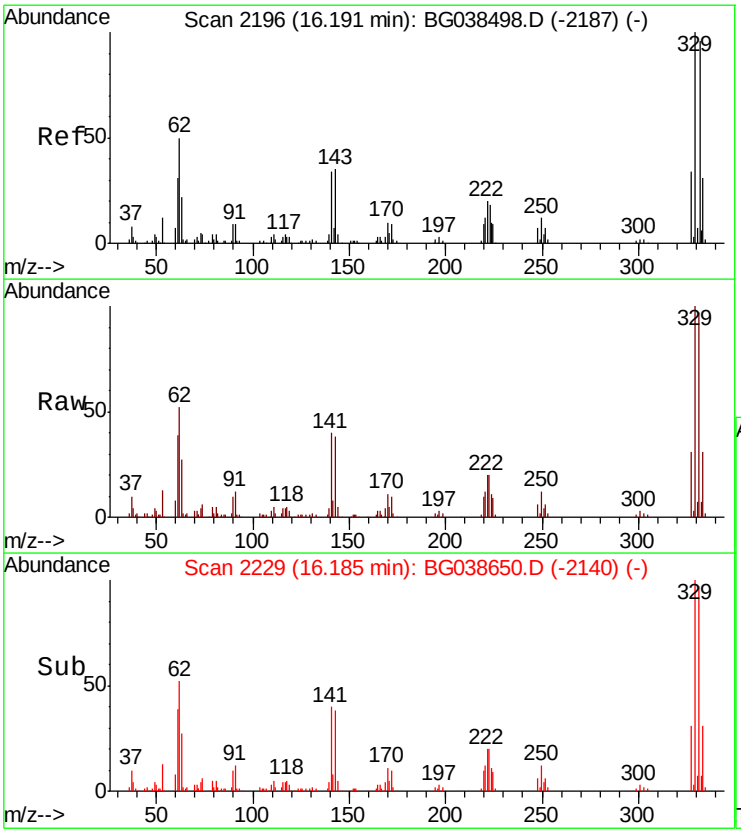
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB-08B

Tgt Ion:164 Resp: 58979

Ion	Ratio	Lower	Upper
164	100		
162	108.4	86.6	130.0
160	46.8	34.2	51.2

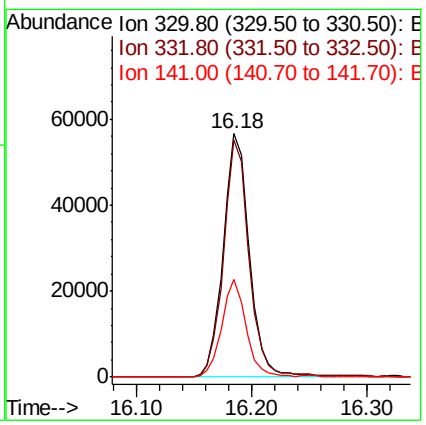


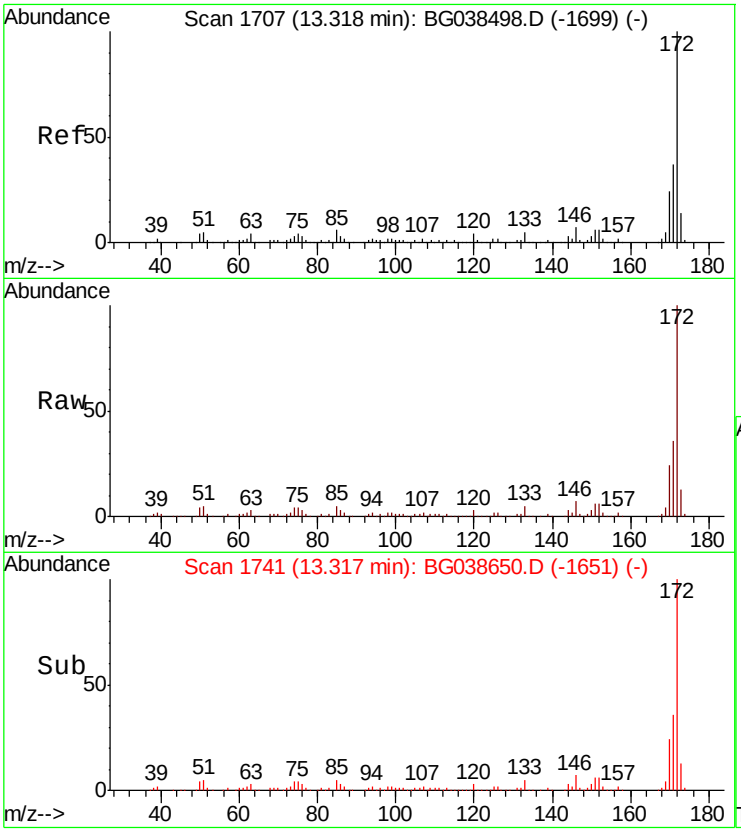


#42
2,4,6-Tribromophenol
Concen: 109.443 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Tgt Ion:330 Resp: 88959

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.9	115.3
141	37.3	28.8	43.2



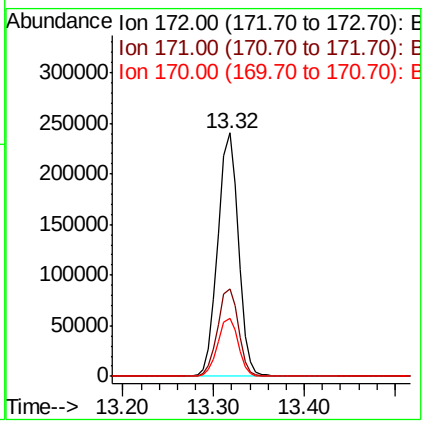


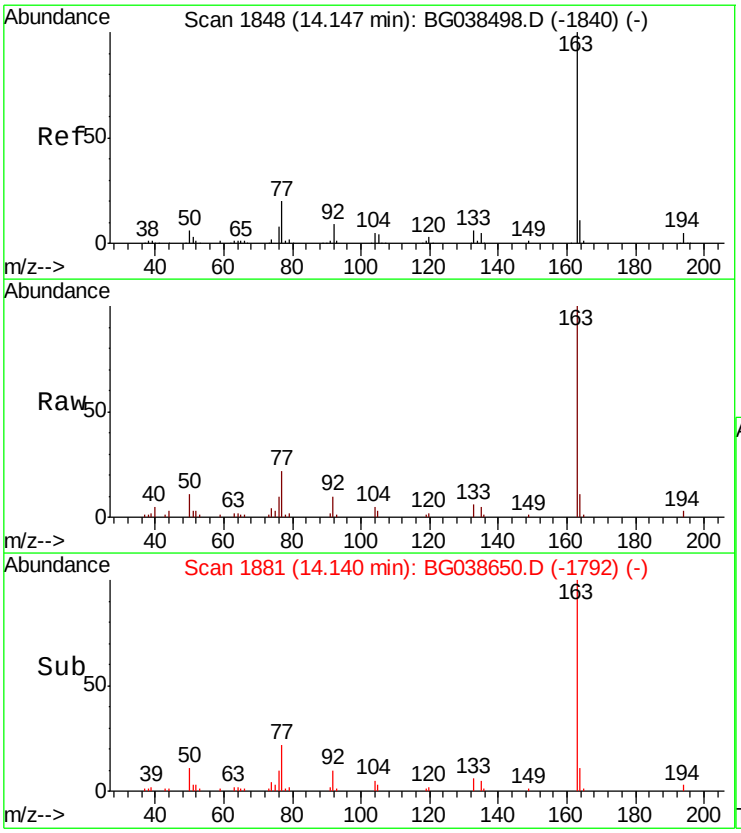
#45
2-Fluorobiphenyl
Concen: 88.001 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB-08B

Tgt Ion:172 Resp: 378339

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.1	19.5	29.3

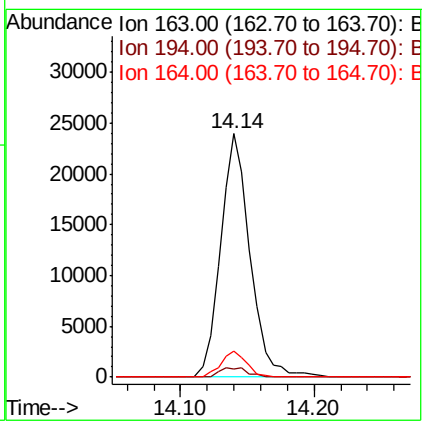


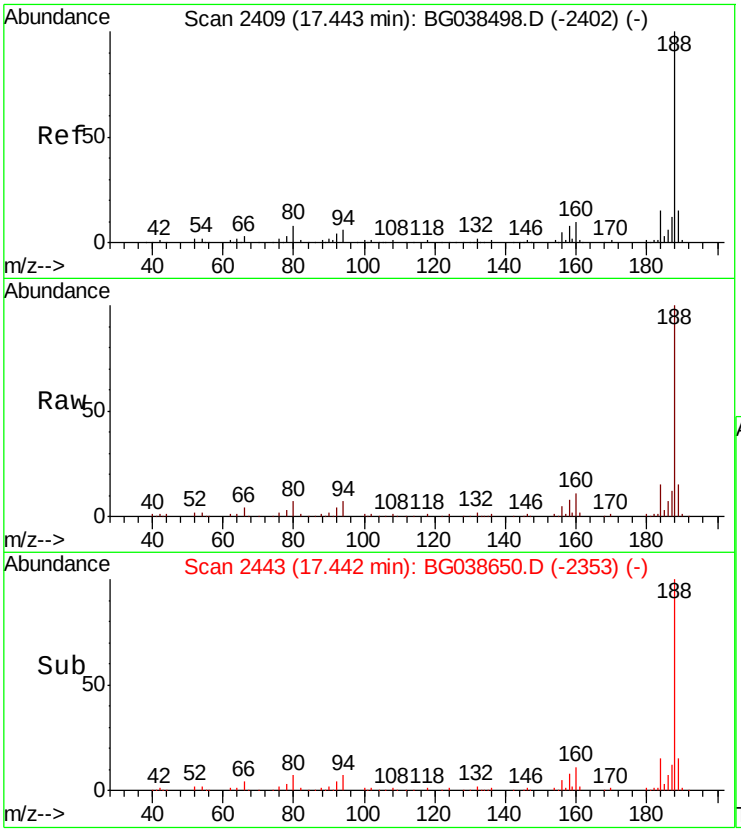


#50
Dimethylphthalate
Concen: 7.655 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Tgt Ion:163 Resp: 36872

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.7	5.5#
164	10.8	8.6	12.8



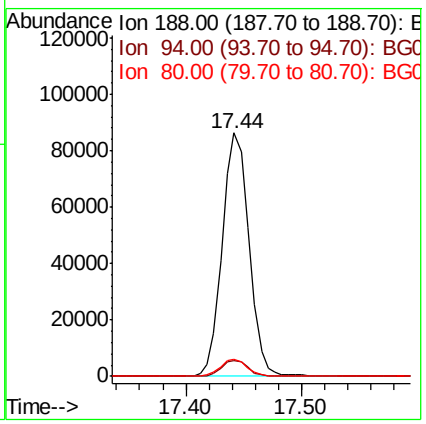


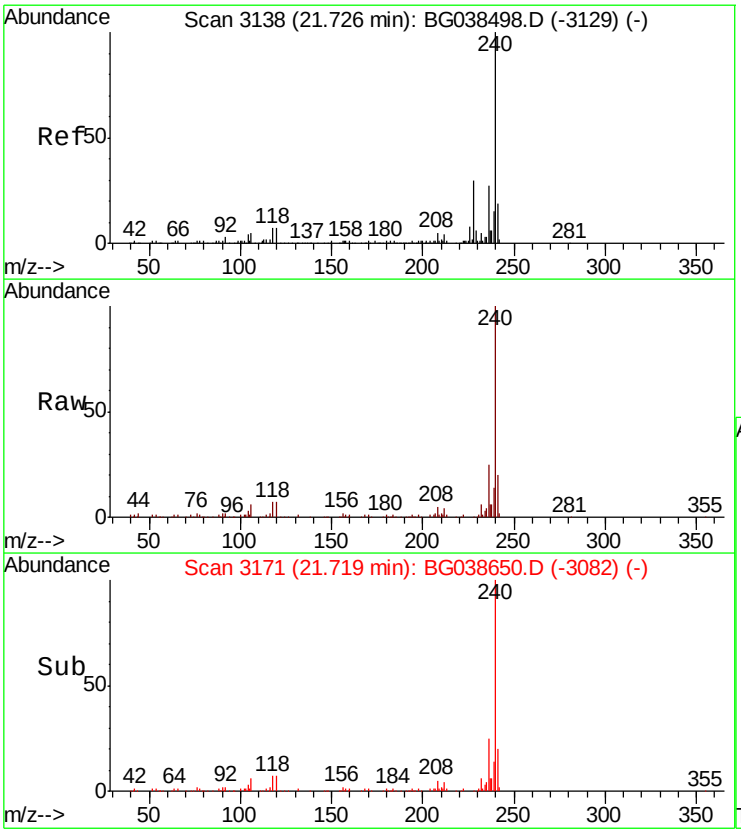
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB-08B

Tgt Ion:188 Resp: 138828

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	6.9	6.1	9.1

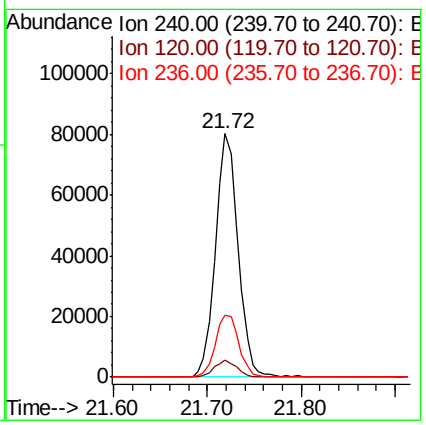


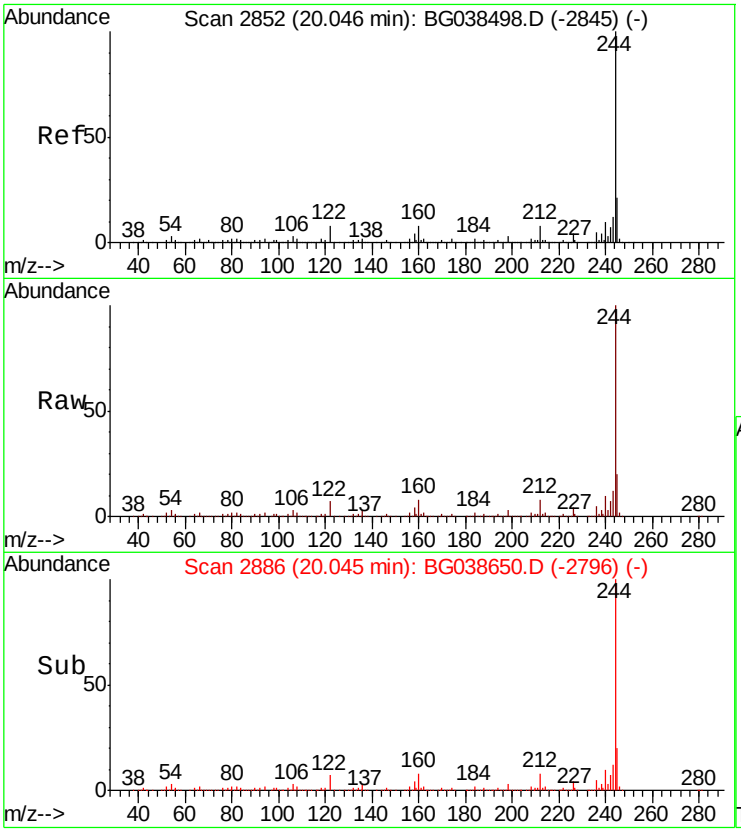


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Tgt Ion:240 Resp: 135184

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.3	7.9
236	25.4	21.4	32.2



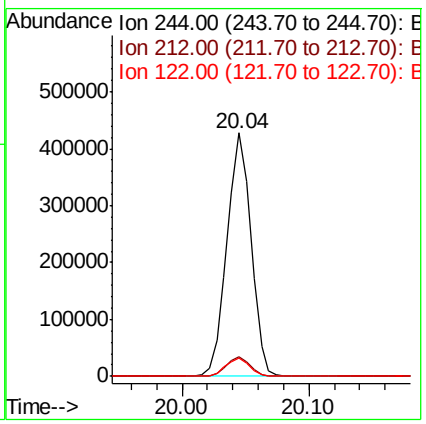


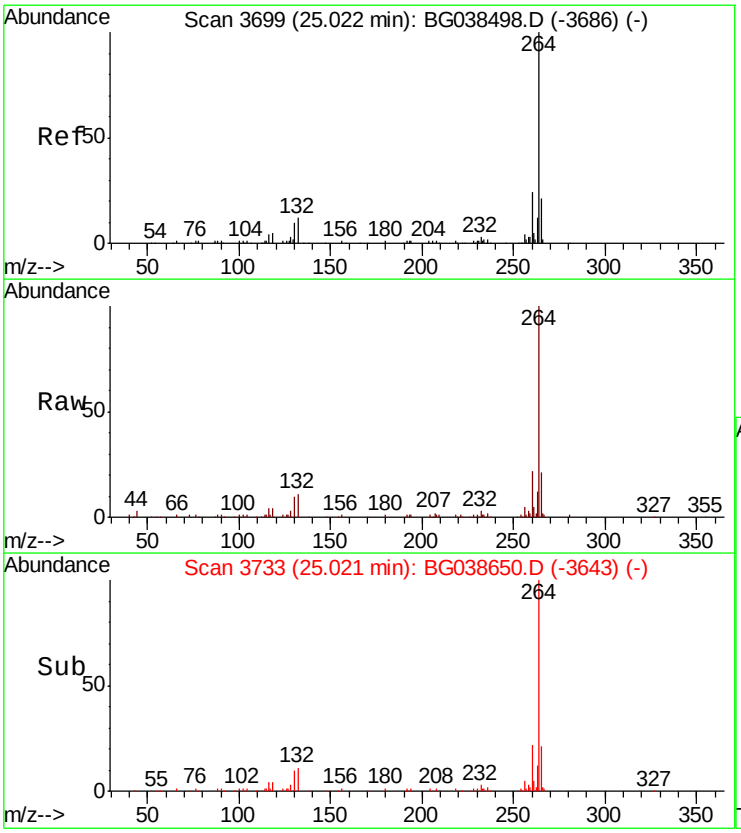
#79
Terphenyl-d14
Concen: 90.088 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB-08B

Tgt Ion:244 Resp: 559586

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	7.3	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038650.D
Acq: 16 Dec 2018 21:26

Tgt Ion:264 Resp: 146686

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.9	28.3
265	21.5	17.0	25.4