Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038622.D
Acq On : 16 Dec 2018 2:48
Operator : JU/SJ
Sample : J6371-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EB04-14-16

Quant Time: Dec 16 04:27:13 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	21555	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	86021	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	56454	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	140491	20.00	ng	0.00
76) Chrysene-d12	21.72	240	144216	20.00	ng	0.00
87) Perylene-d12	25.02	264	151533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	182254	149.97	ng	0.00
7) Phenol-d6	7.21	99	250563	150.19	ng	0.00
23) Nitrobenzene-d5	9.23	82	163523	97.11	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	111128	142.83	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	388918	94.51	ng	0.00
79) Terphenyl-d14	20.05	244	700049	105.64	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.24	94	16476	9.296	ng	88
50) Dimethylphthalate	14.14	163	38925	8.443	ng	99

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

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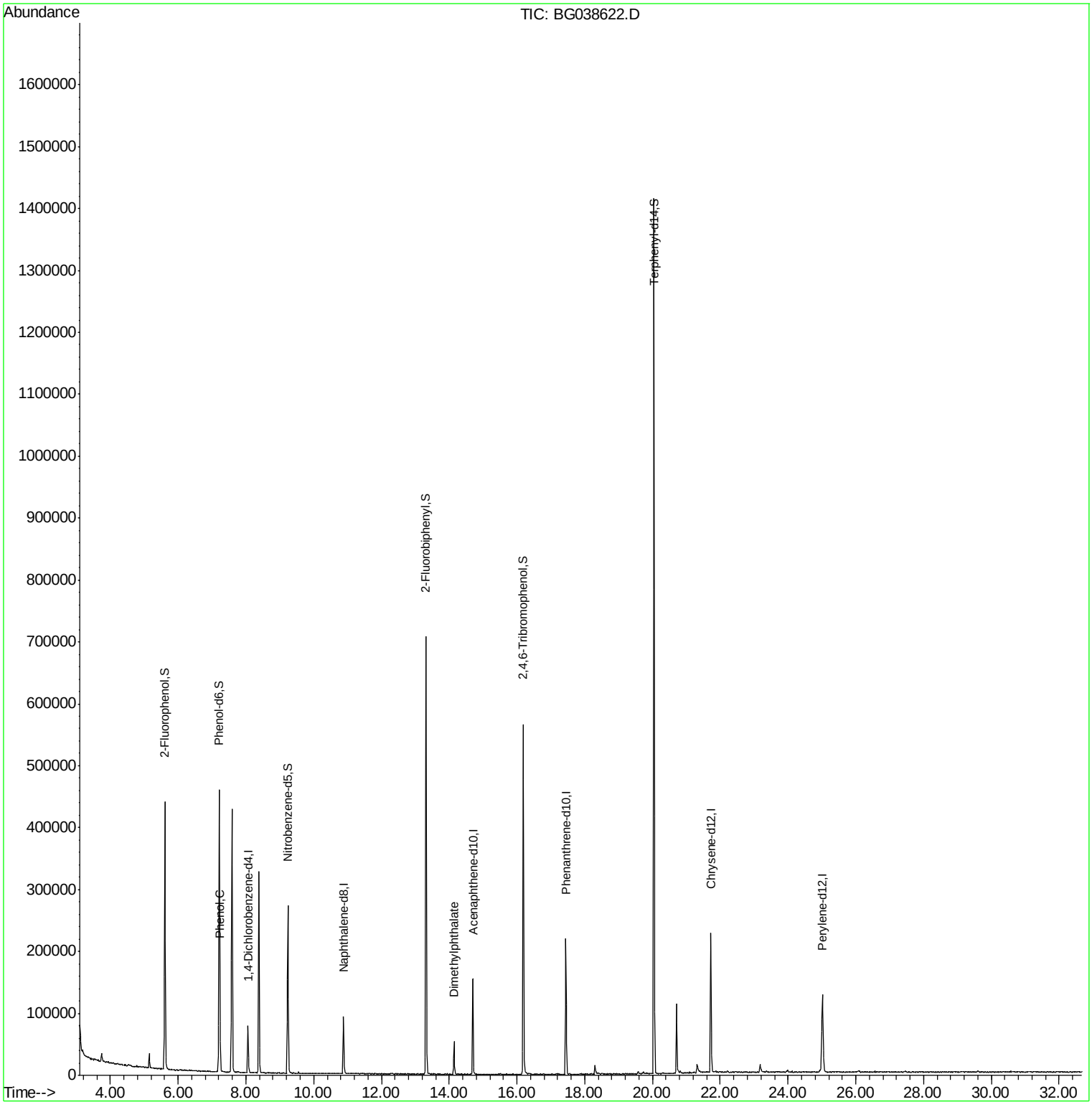
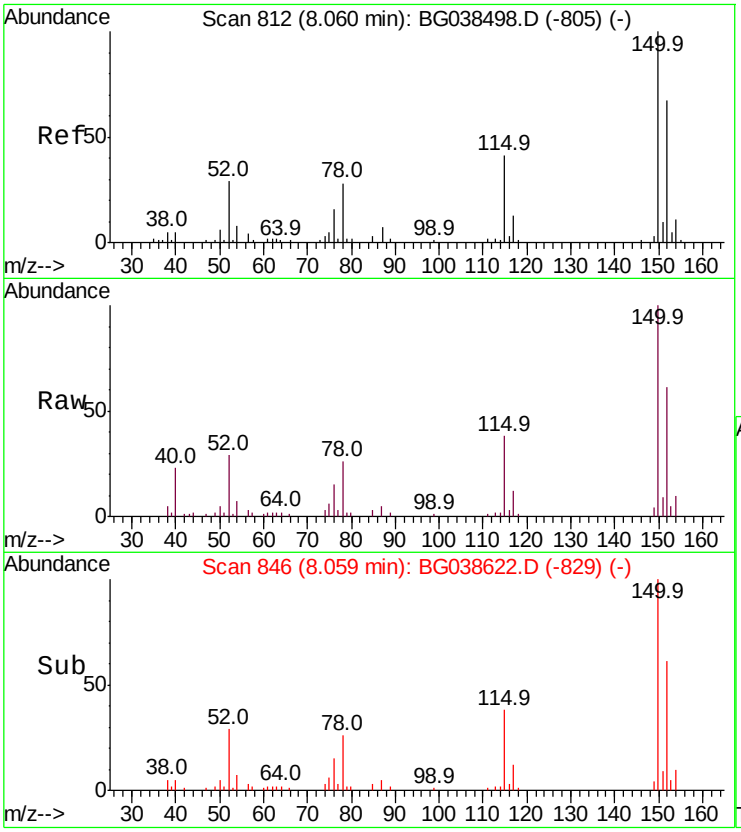


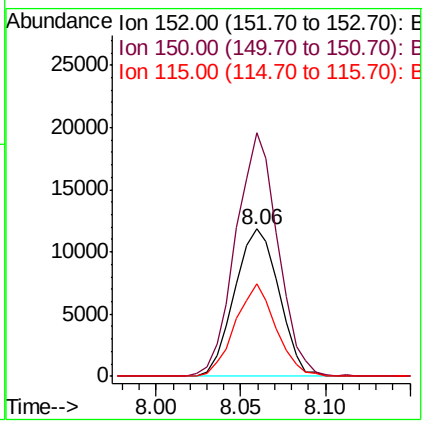


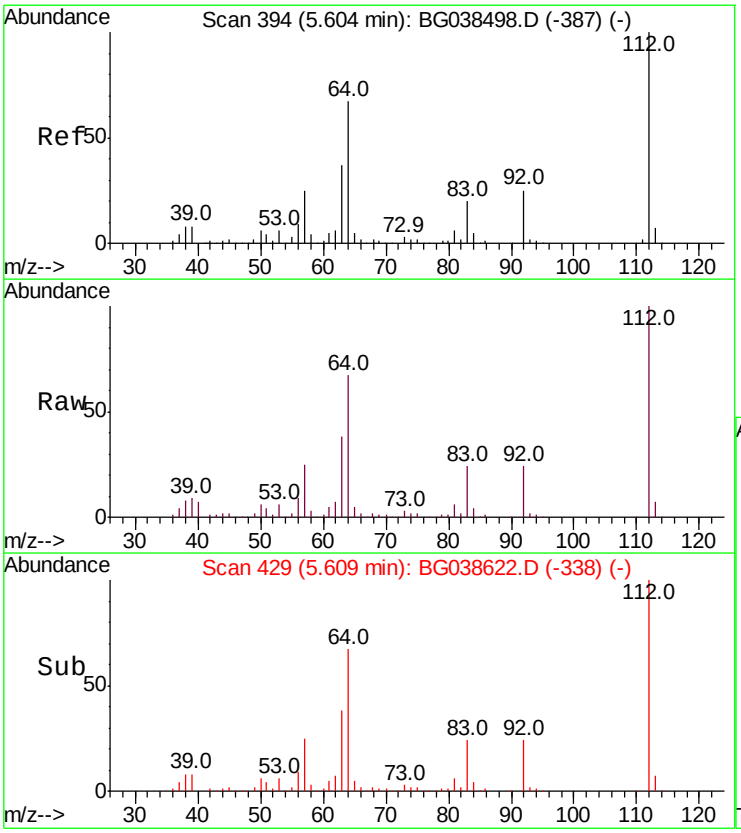
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Instrument :
BNA_G
ClientSampleId :
EB04-14-16

Tgt Ion:152 Resp: 21555

Ion	Ratio	Lower	Upper
152	100		
150	165.3	119.5	179.3
115	62.5	49.6	74.4

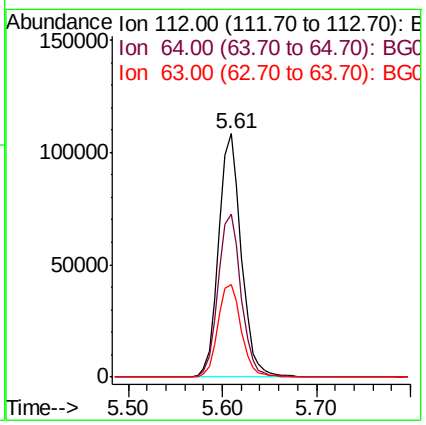


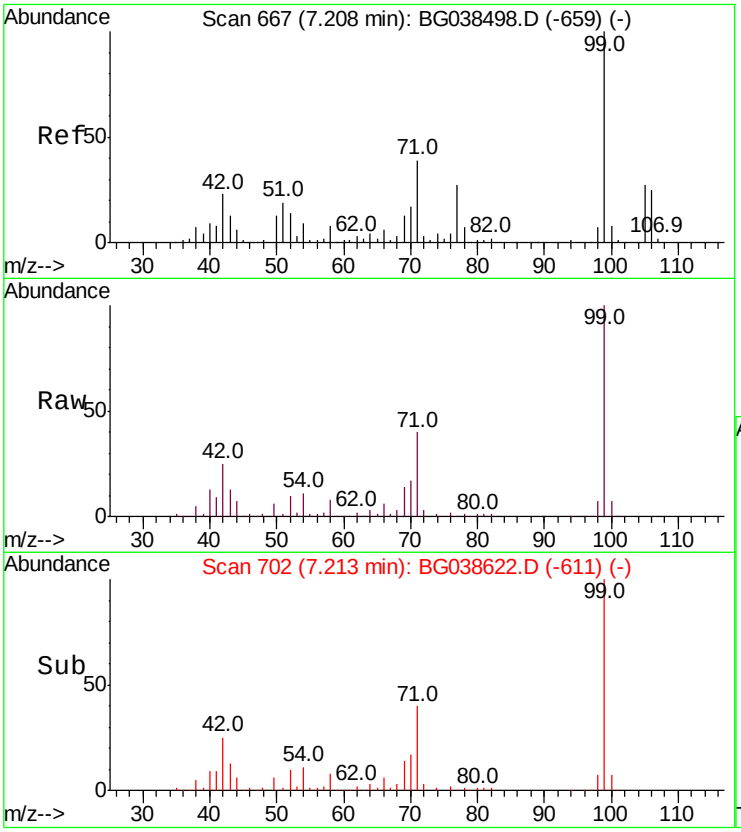


#5
2-Fluorophenol
Concen: 149.968 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Tgt Ion:112 Resp: 182254

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.4	80.2
63	38.1	29.3	43.9



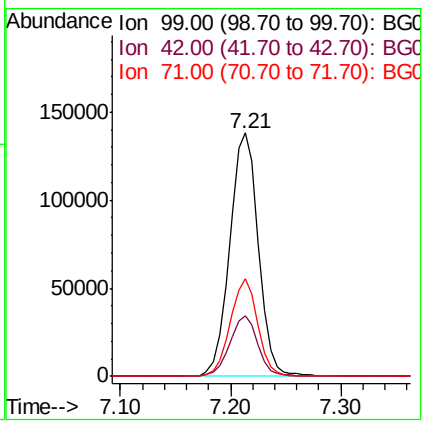


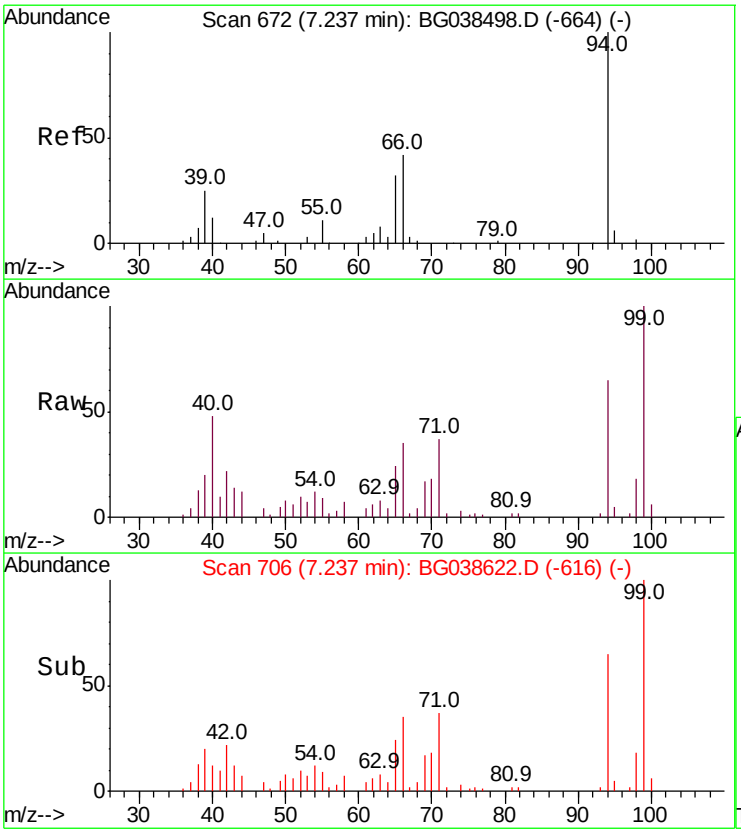
#7
Phenol-d6
Concen: 150.185 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Instrument :
BNA_G
ClientSampleId :
EB04-14-16

Tgt Ion: 99 Resp: 250563

Ion	Ratio	Lower	Upper
99	100		
42	24.8	18.5	27.7
71	40.2	31.1	46.7

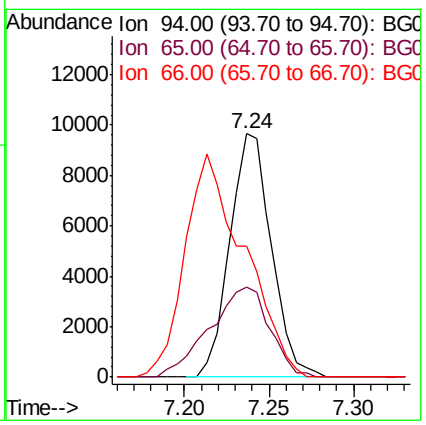


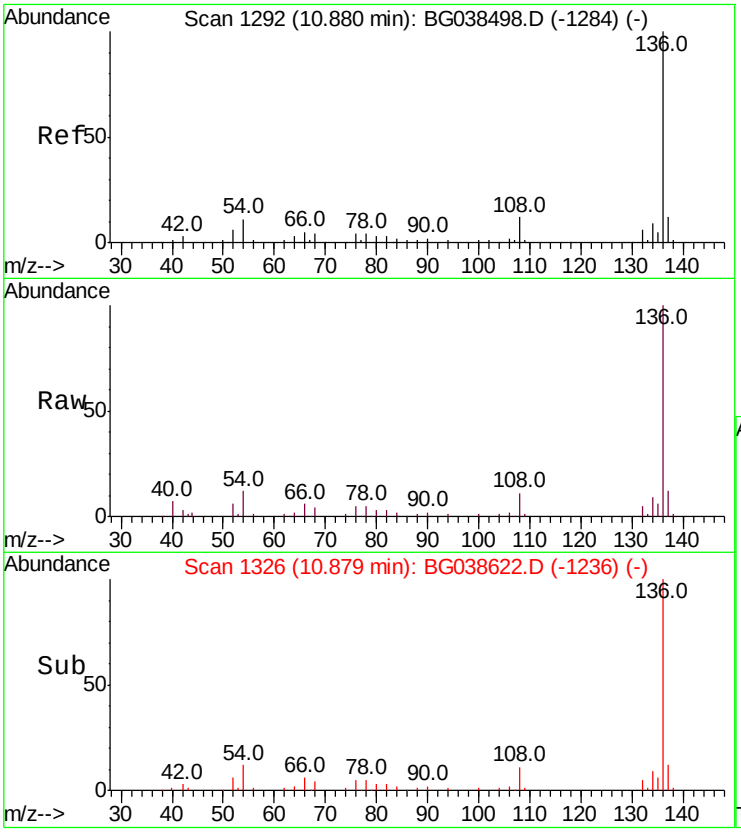


#10
Phenol
Concen: 9.296 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Tgt Ion: 94 Resp: 16476

Ion	Ratio	Lower	Upper
94	100		
65	37.1	12.6	52.6
66	53.7	24.1	64.1



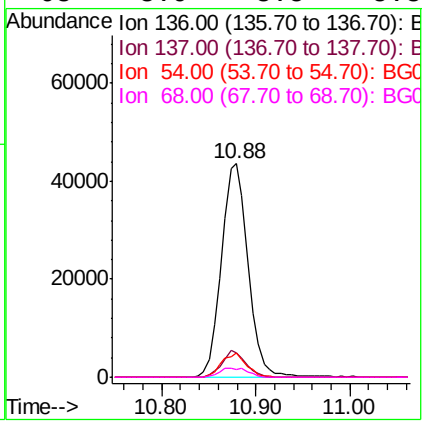


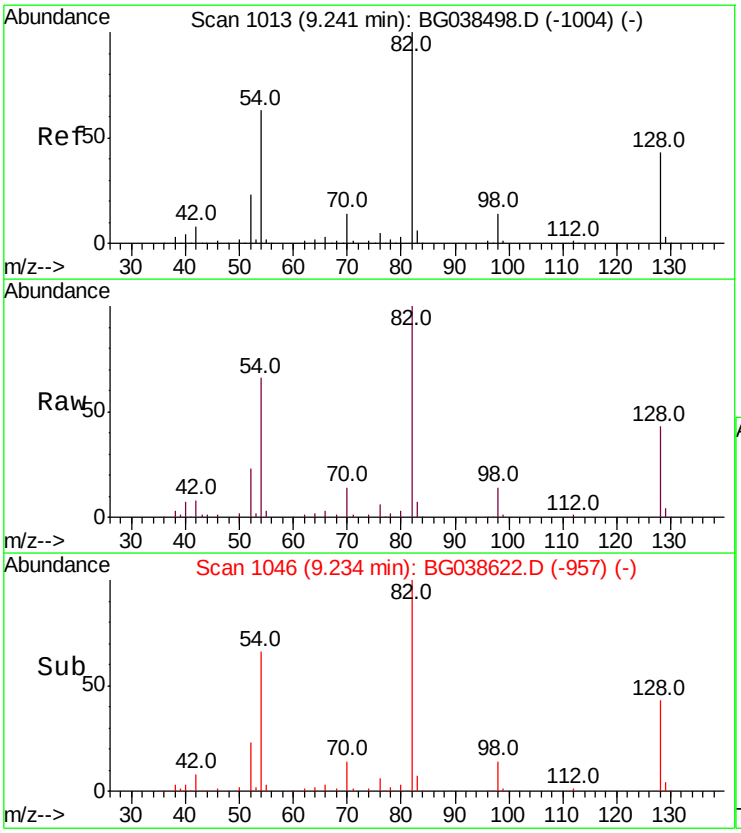
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Instrument :
BNA_G
ClientSampleId :
EB04-14-16

Tgt Ion:136 Resp: 86021

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	11.6	8.5	12.7
68	3.9	3.5	5.3

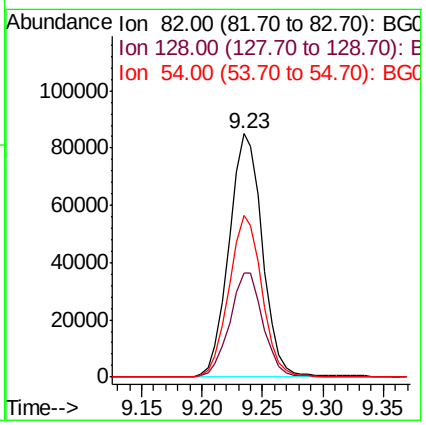


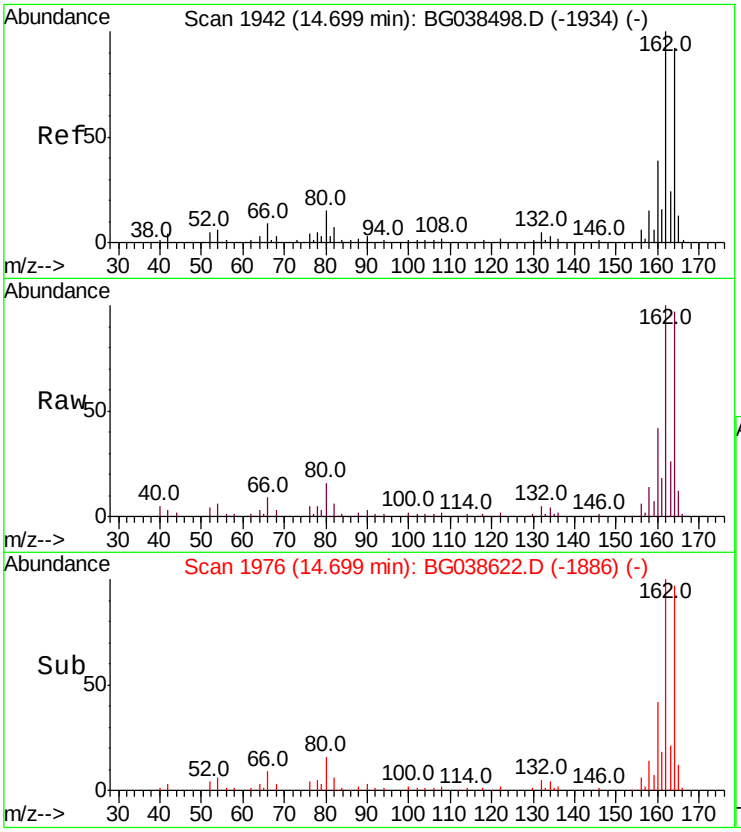


#23
Nitrobenzene-d5
Concen: 97.115 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Tgt Ion: 82 Resp: 163523

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	66.3	50.6	76.0



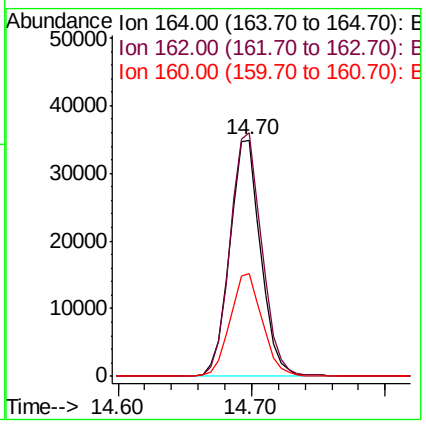


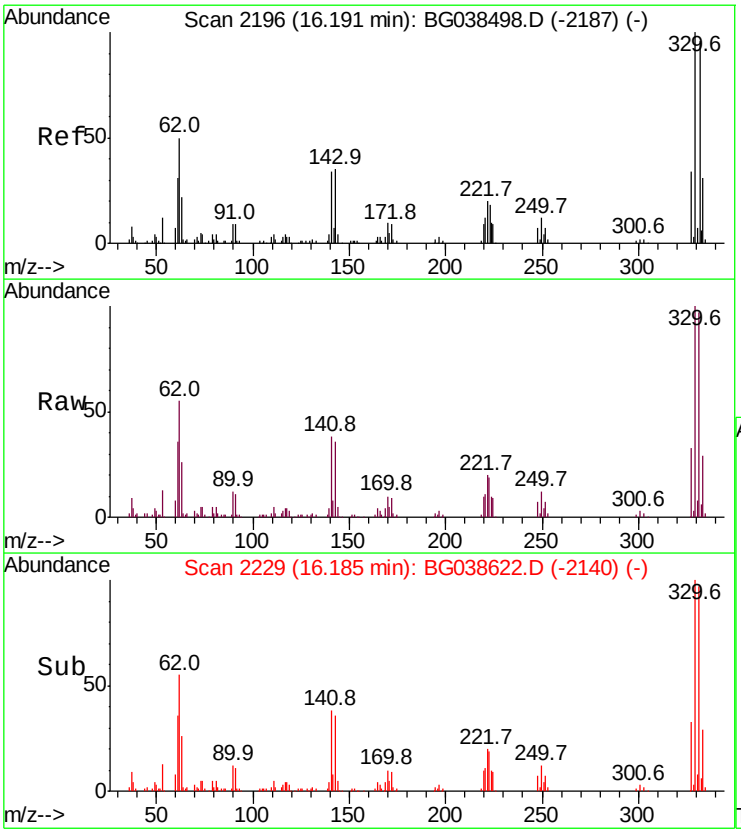
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Instrument :
BNA_G
ClientSampleId :
EB04-14-16

Tgt Ion:164 Resp: 56454

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.6	130.0
160	43.3	34.2	51.2

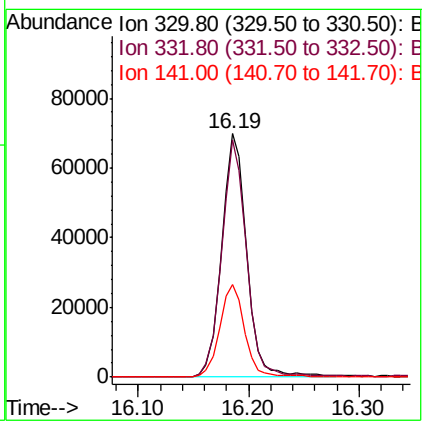


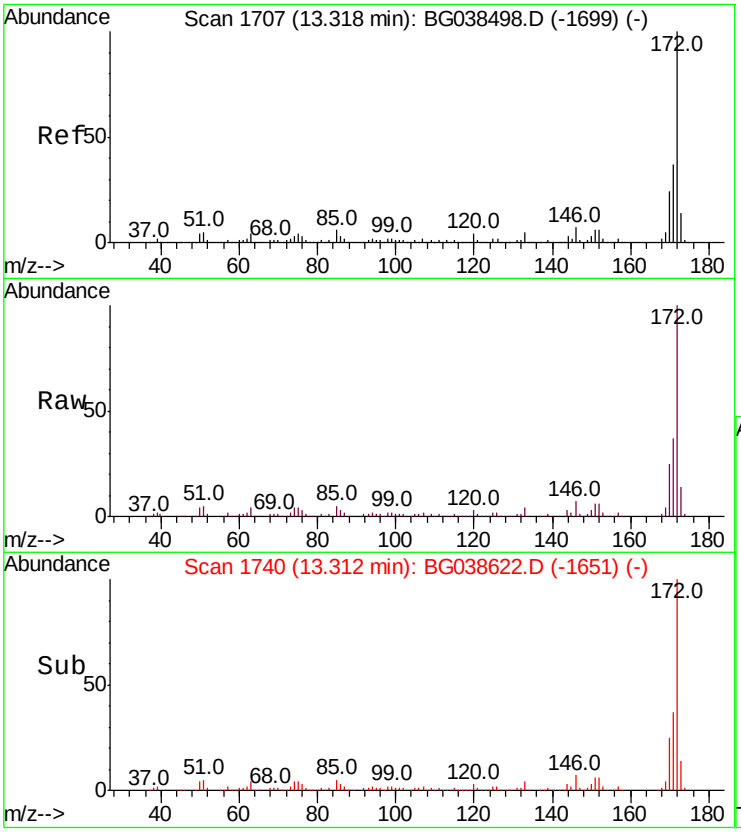


#42
2,4,6-Tribromophenol
Concen: 142.831 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Tgt Ion:330 Resp: 111128

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	37.8	28.8	43.2



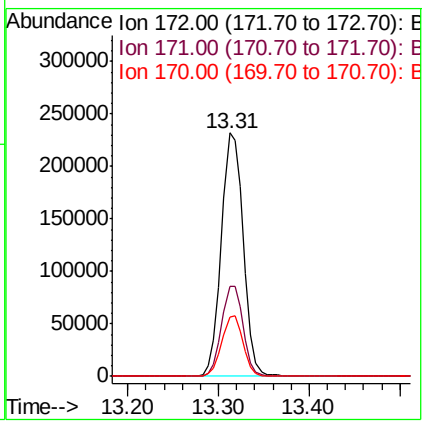


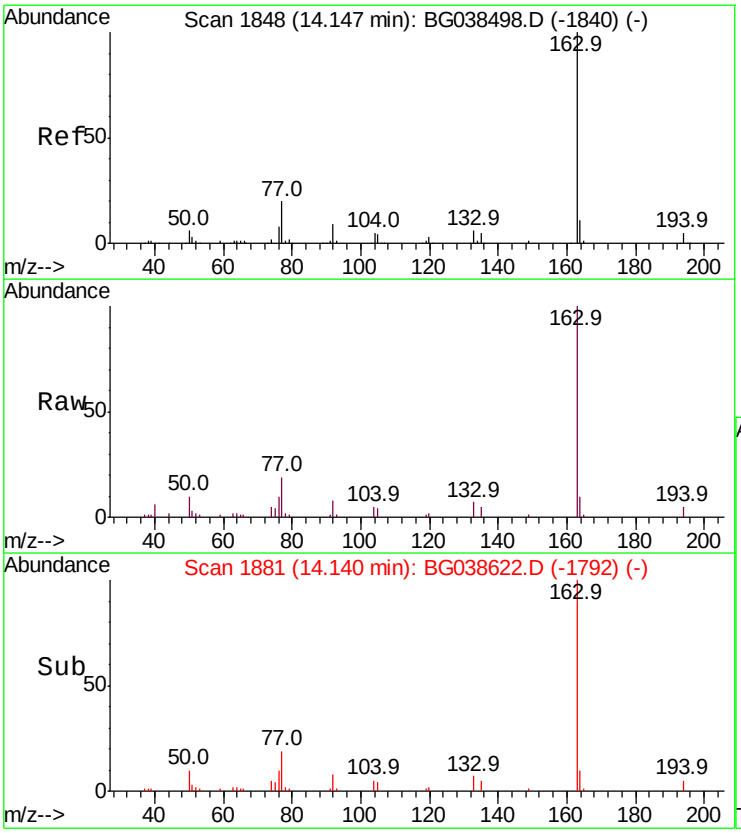
#45
2-Fluorobiphenyl
Concen: 94.508 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Instrument :
BNA_G
ClientSampleId :
EB04-14-16

Tgt Ion:172 Resp: 388918

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.5	19.5	29.3

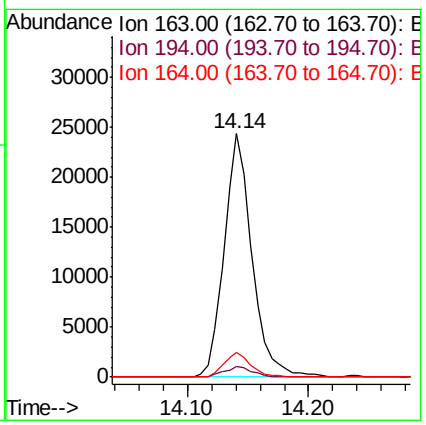


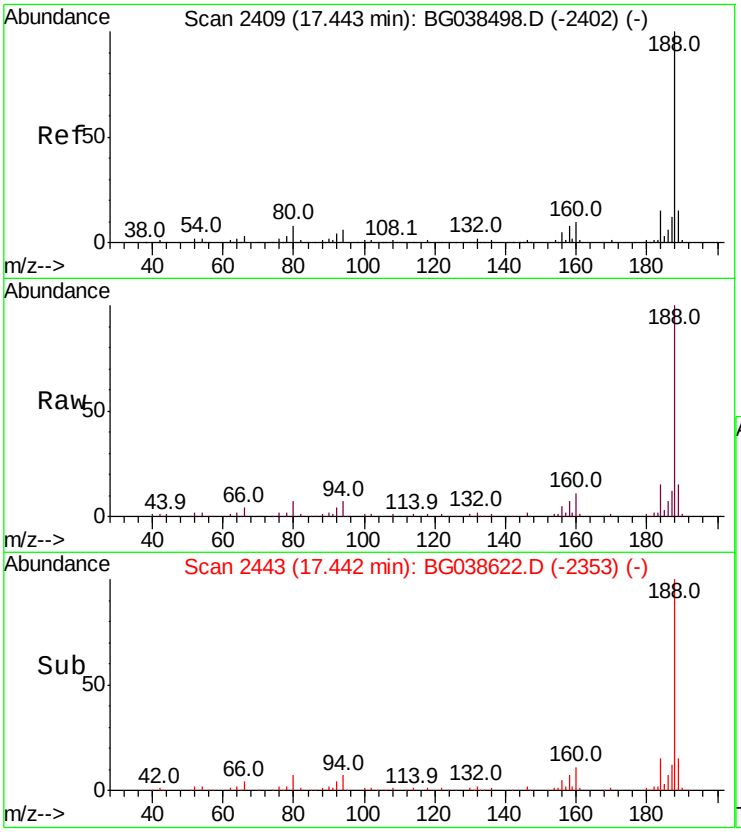


#50
Dimethylphthalate
Concen: 8.443 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Tgt Ion:163 Resp: 38925

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.1	8.6	12.8



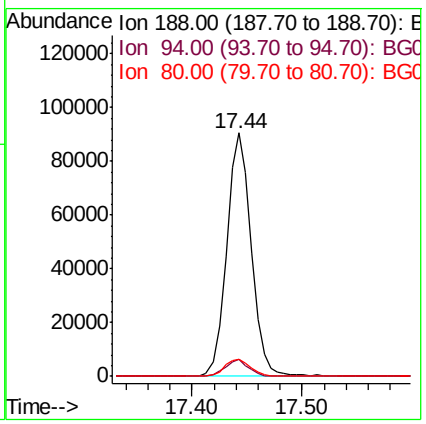


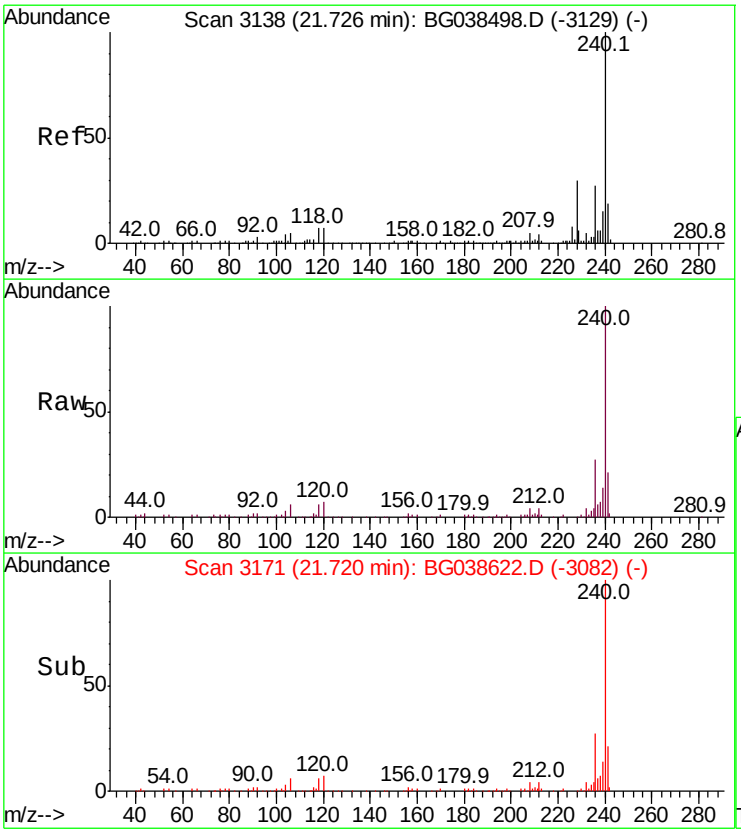
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Instrument :
BNA_G
ClientSampleId :
EB04-14-16

Tgt Ion:188 Resp: 140491

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	7.2	6.1	9.1

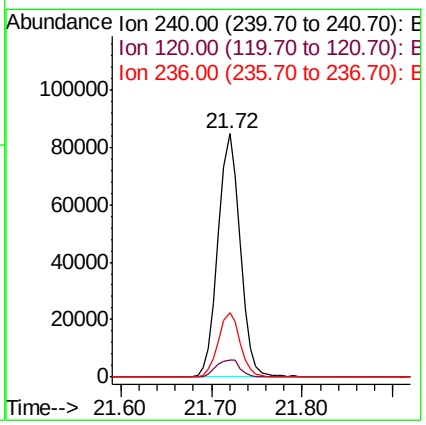


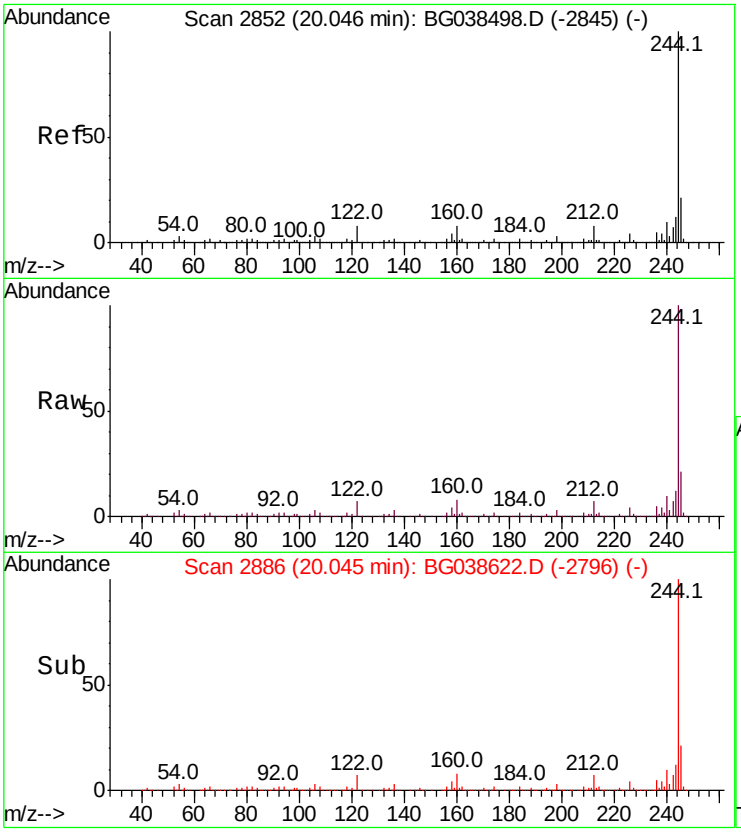


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Tgt Ion:240 Resp: 144216

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.3	7.9
236	26.7	21.4	32.2



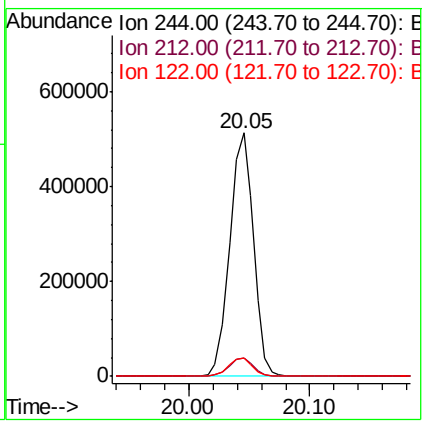


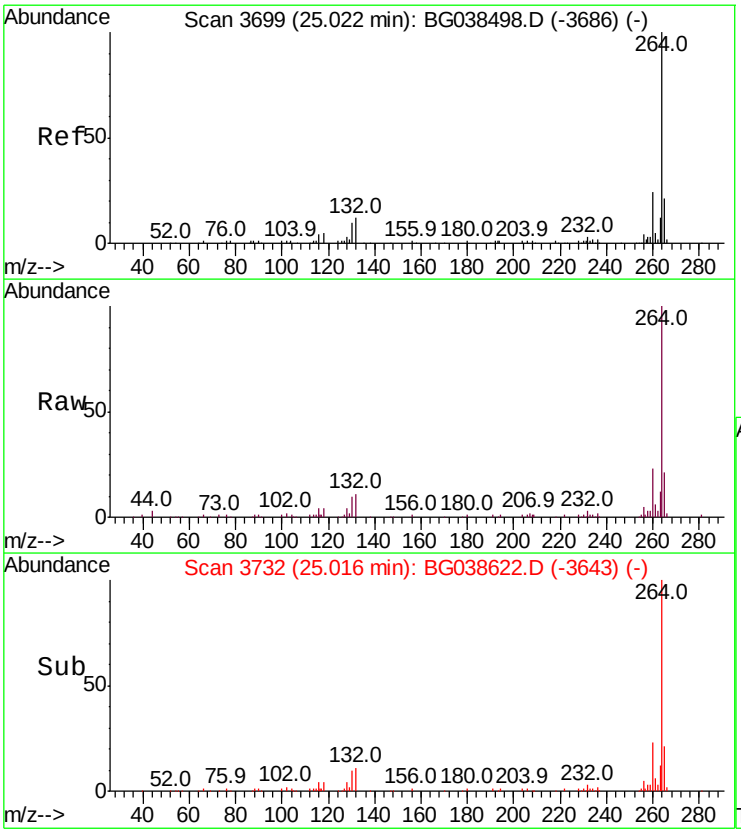
#79
Terphenyl-d14
Concen: 105.643 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038622.D
Acq: 16 Dec 2018 2:48

Instrument :
BNA_G
ClientSampleId :
EB04-14-16

Tgt Ion:244 Resp: 700049

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	7.4	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: BG038622.D
Acq: 16 Dec 2018 2:48

Tgt Ion:264 Resp: 151533

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.0	17.0	25.4