Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037657.D
Acq On : 30 Oct 2018 17:19
Operator : JU/SJ
Sample : J5692-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CAL-IDW-20181025

Quant Time: Oct 31 09:02:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60377	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	271741	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	185835	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	440612	20.00	ng	0.00
76) Chrysene-d12	21.77	240	391526	20.00	ng	0.00
87) Perylene-d12	25.10	264	401945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	134550	37.26	ng	0.00
7) Phenol-d6	7.24	99	124630	22.82	ng	0.00
23) Nitrobenzene-d5	9.27	82	288669	59.51	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	176878	87.27	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	710096	57.62	ng	0.00
79) Terphenyl-d14	20.08	244	1054867	57.57	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.27	94	98982	17.179	ng	97
50) Dimethylphthalate	14.17	163	69602	4.841	ng	98

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

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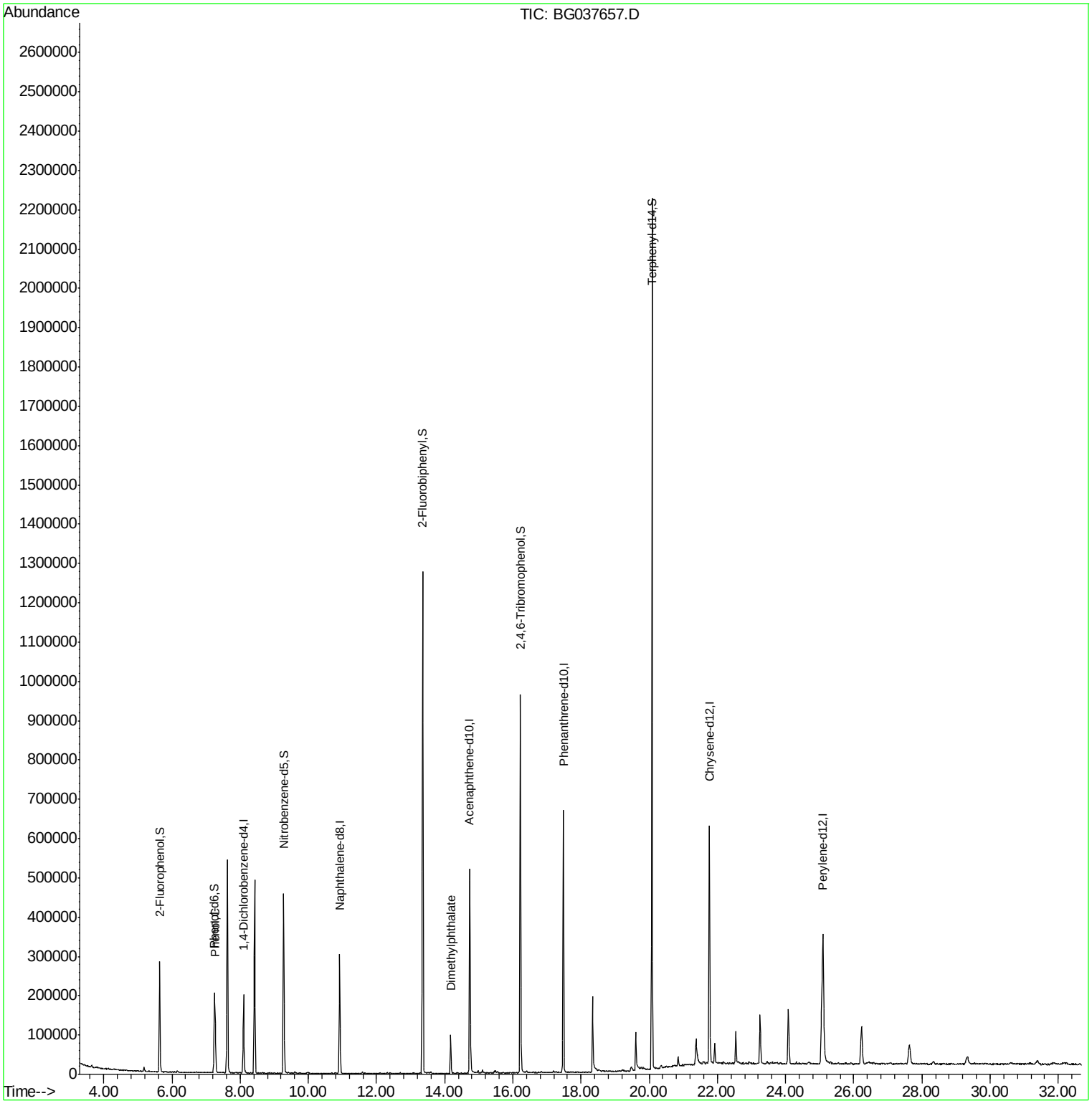
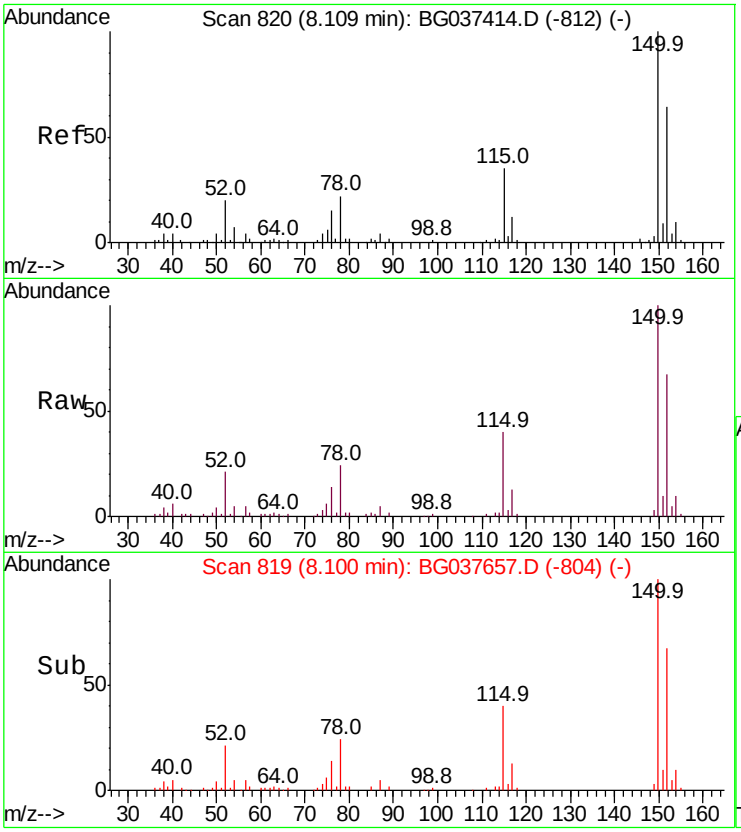


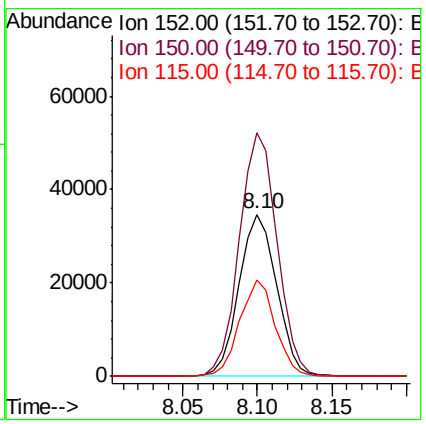


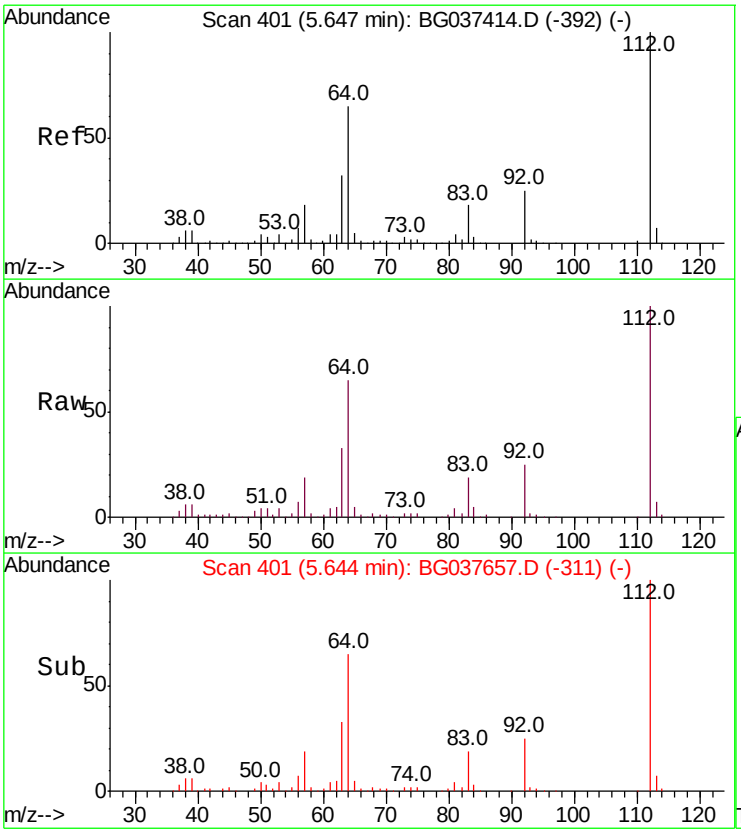
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

Tgt Ion:152 Resp: 60377

Ion	Ratio	Lower	Upper
152	100		
150	150.3	126.0	189.0
115	59.6	45.5	68.3

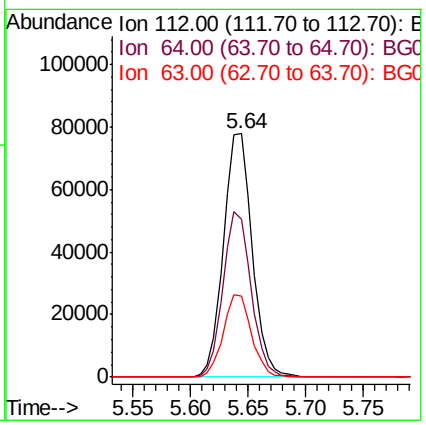


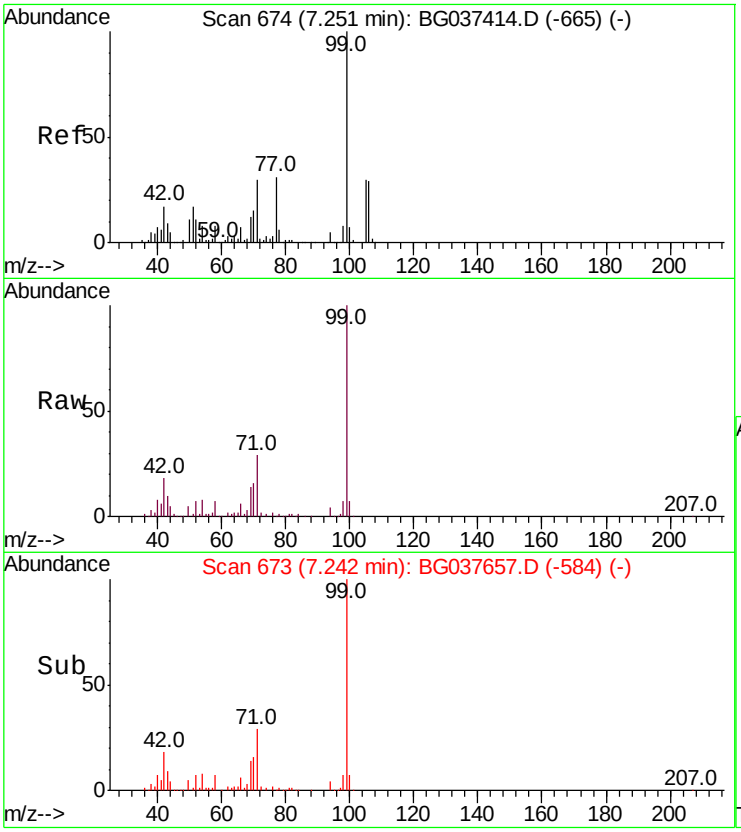


#5
2-Fluorophenol
Concen: 37.257 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Tgt Ion:112 Resp: 134550

Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.1	79.7
63	33.2	27.3	40.9



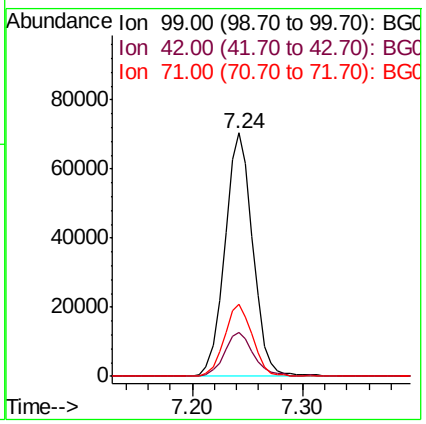


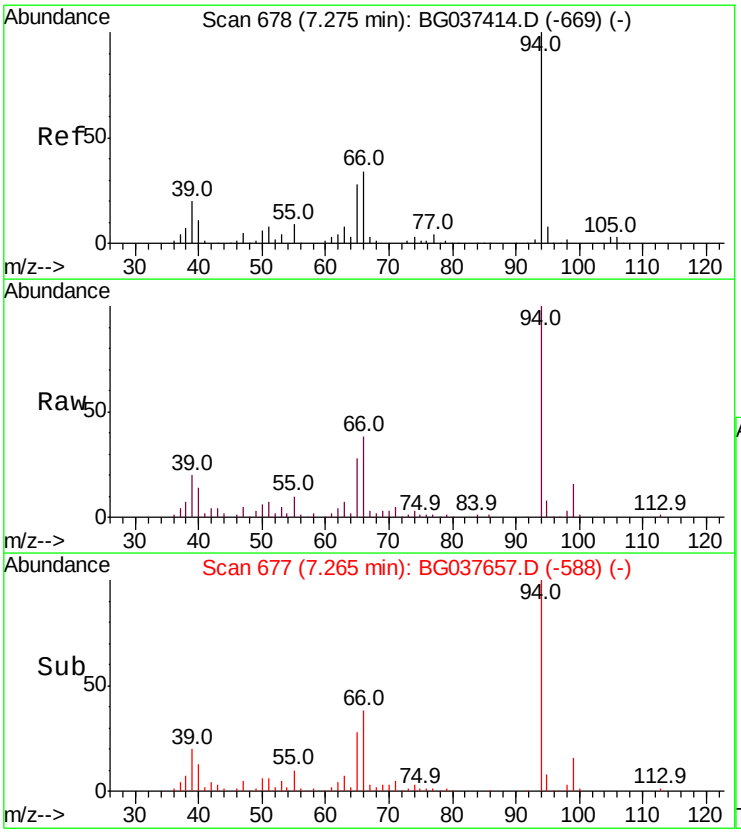
#7
Phenol-d6
Concen: 22.822 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

Tgt Ion: 99 Resp: 124630

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.4
71	29.5	25.5	38.3

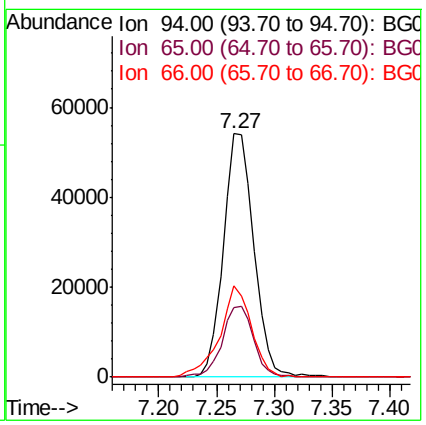


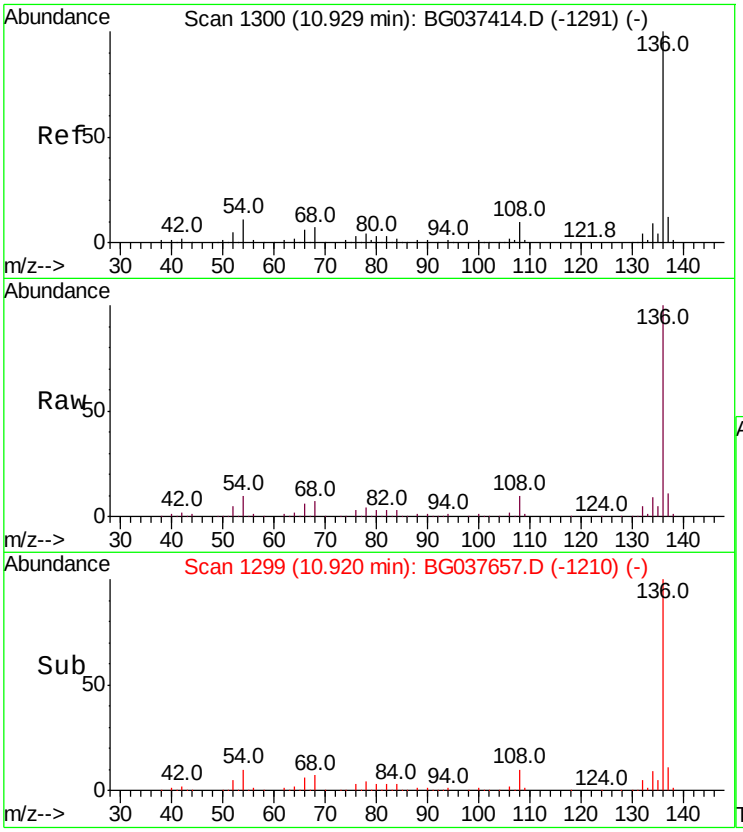


#10
Phenol
Concen: 17.179 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Tgt Ion: 94 Resp: 98982

Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.7	49.7
66	37.6	15.9	55.9



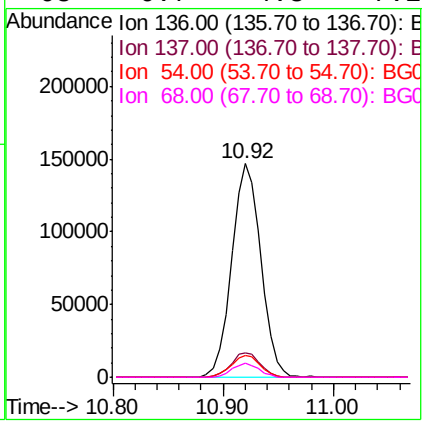


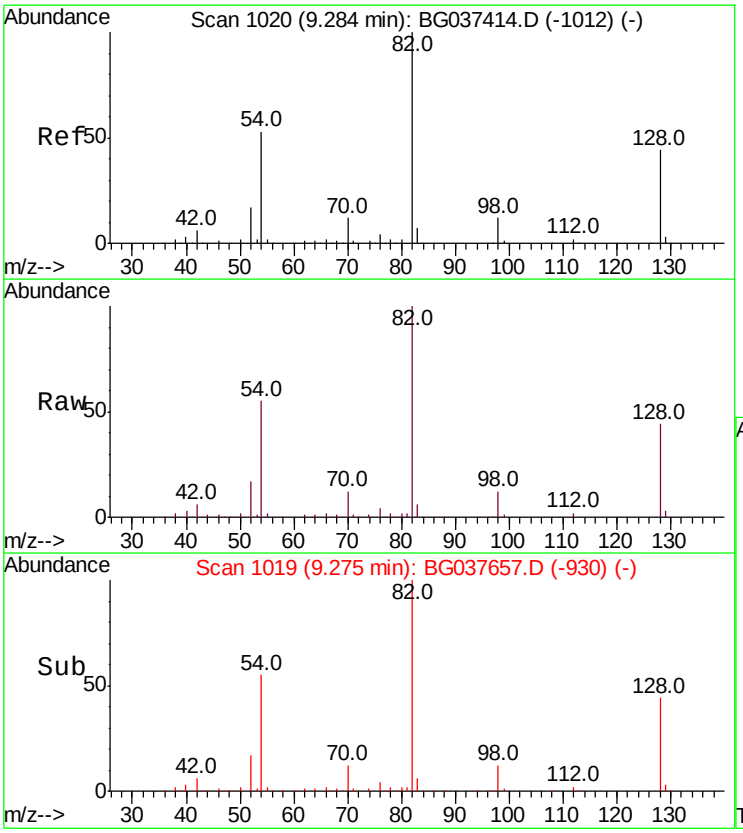
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

Tgt Ion:136 Resp: 271741

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.5	7.9	11.9
68	6.7	4.8	7.2

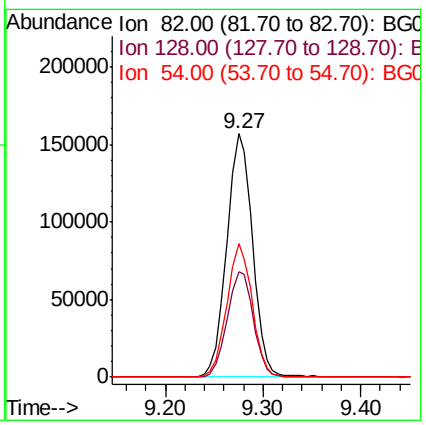


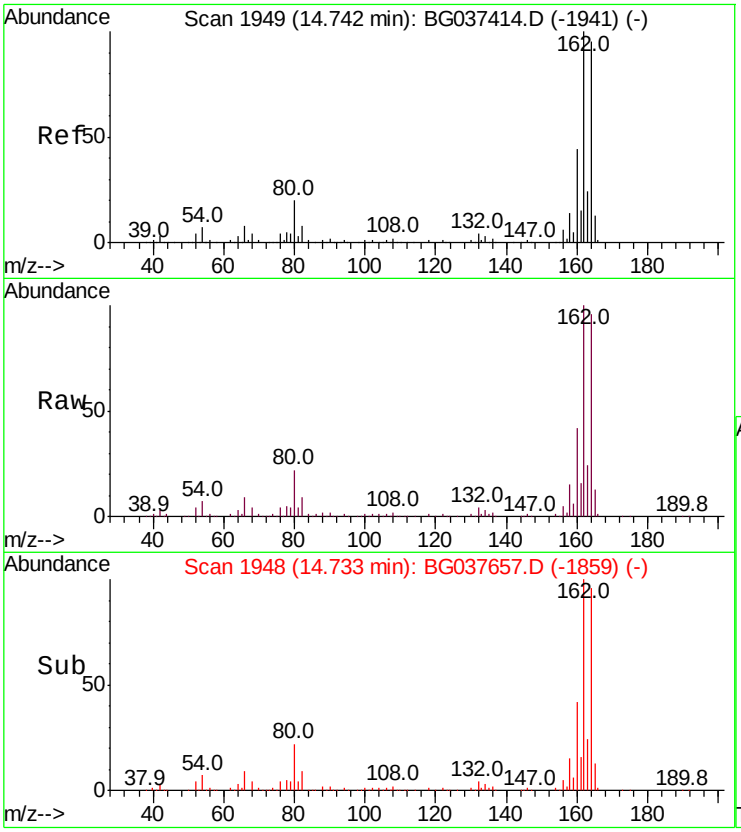


#23
Nitrobenzene-d5
Concen: 59.509 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Tgt Ion: 82 Resp: 288669

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	54.7	45.3	67.9



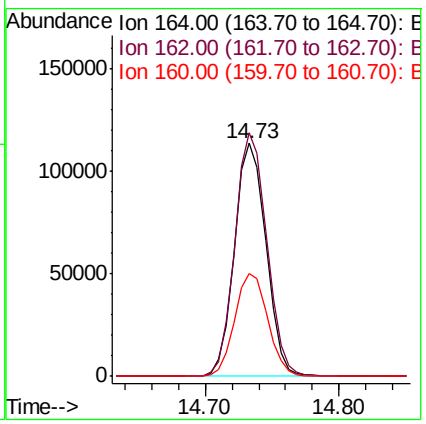


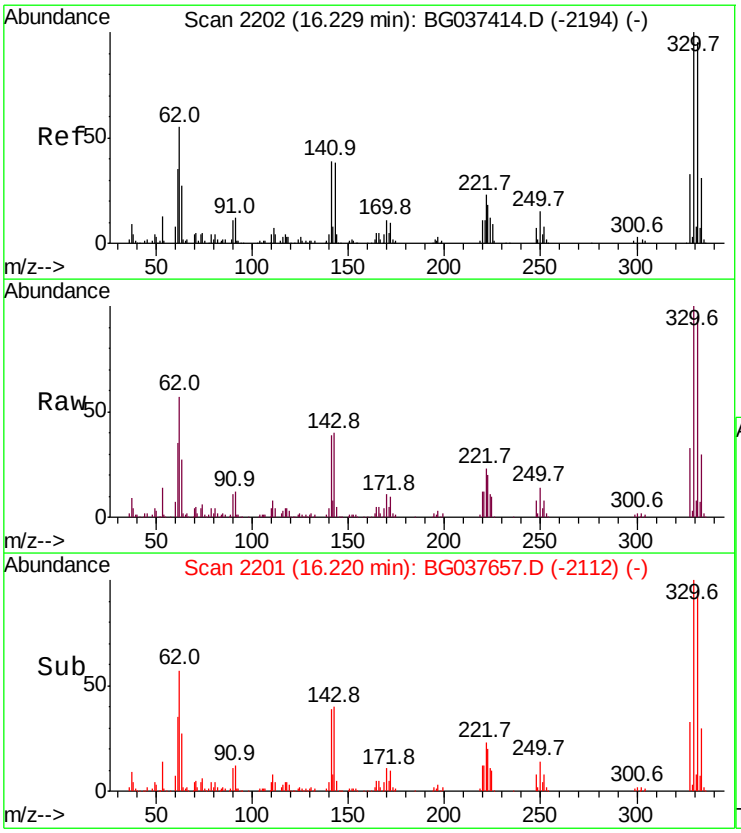
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

Tgt Ion:164 Resp: 185835

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.3	121.9
160	44.4	36.3	54.5

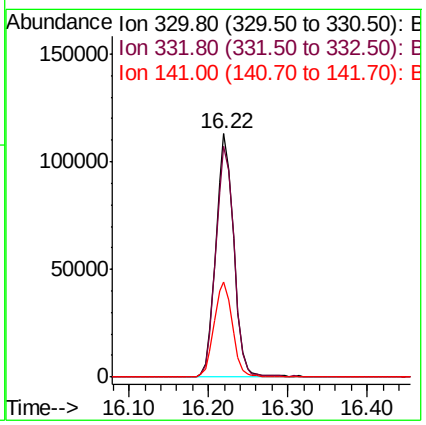


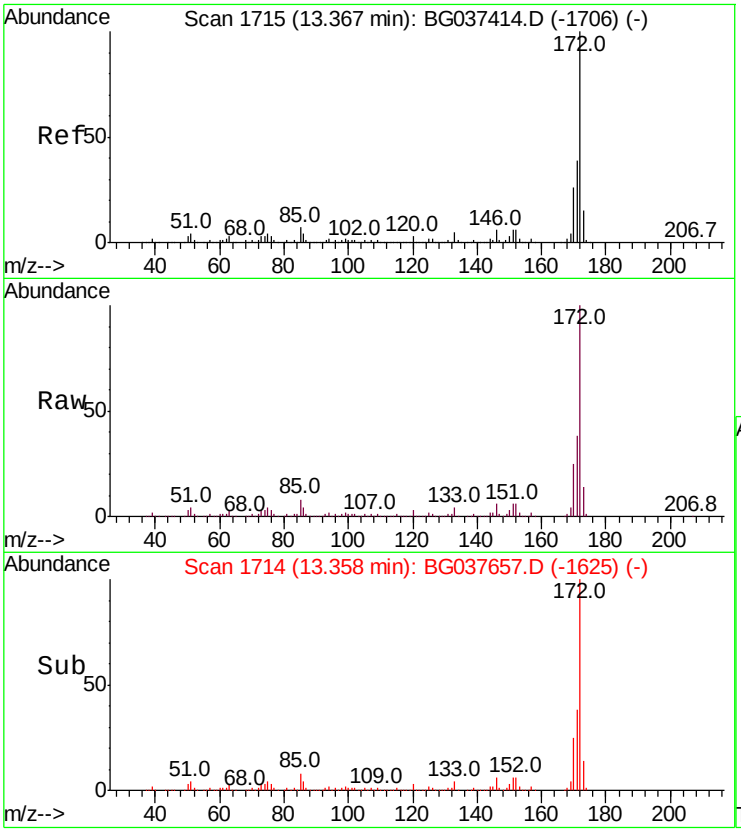


#42
2,4,6-Tribromophenol
Concen: 87.266 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Tgt Ion:330 Resp: 176878

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	40.1	32.2	48.2



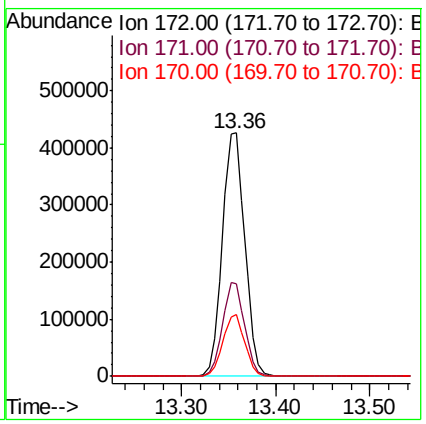


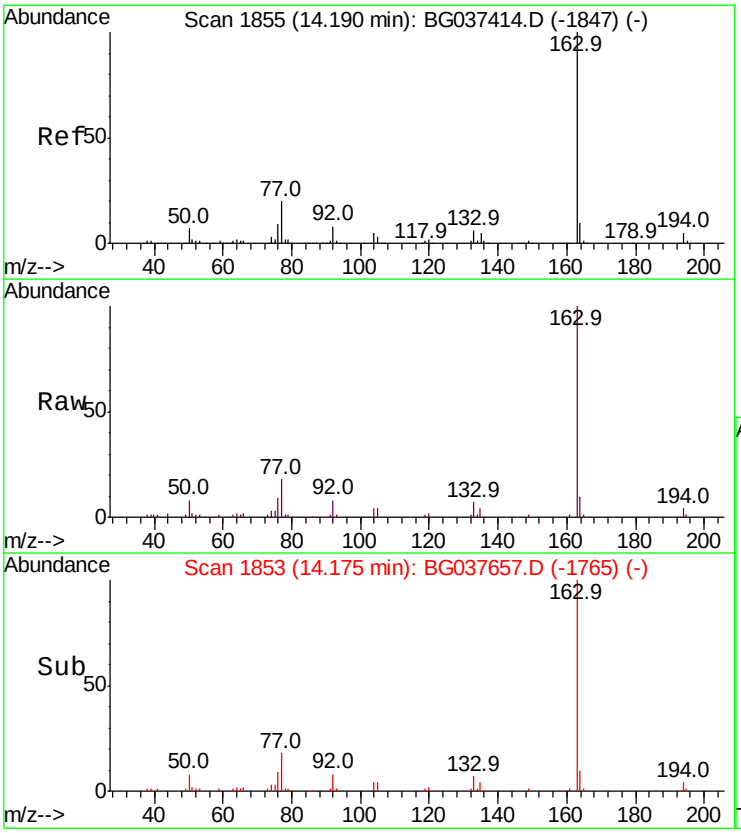
#45
2-Fluorobiphenyl
Concen: 57.620 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

Tgt Ion:172 Resp: 710096

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.3	20.2	30.2

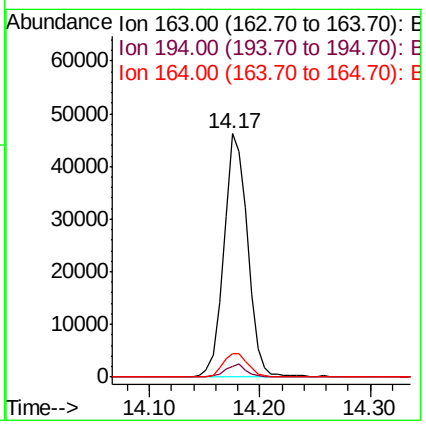


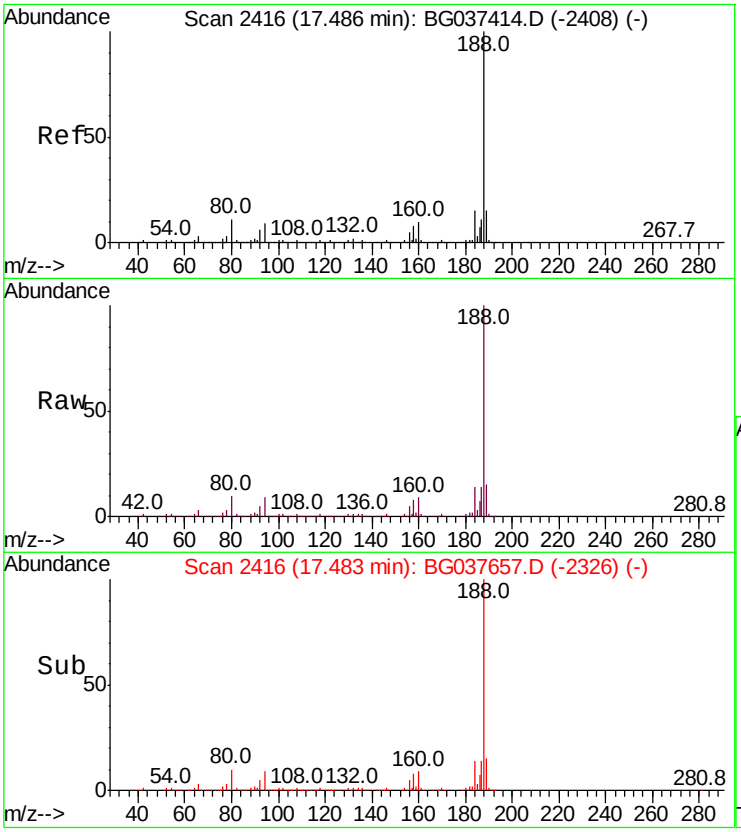


#50
Dimethylphthalate
Concen: 4.841 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Tgt Ion:163 Resp: 69602

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.9	8.5	12.7



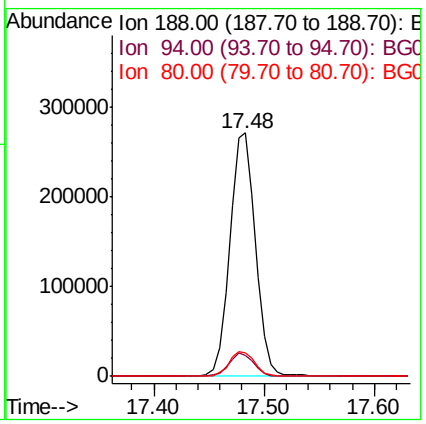


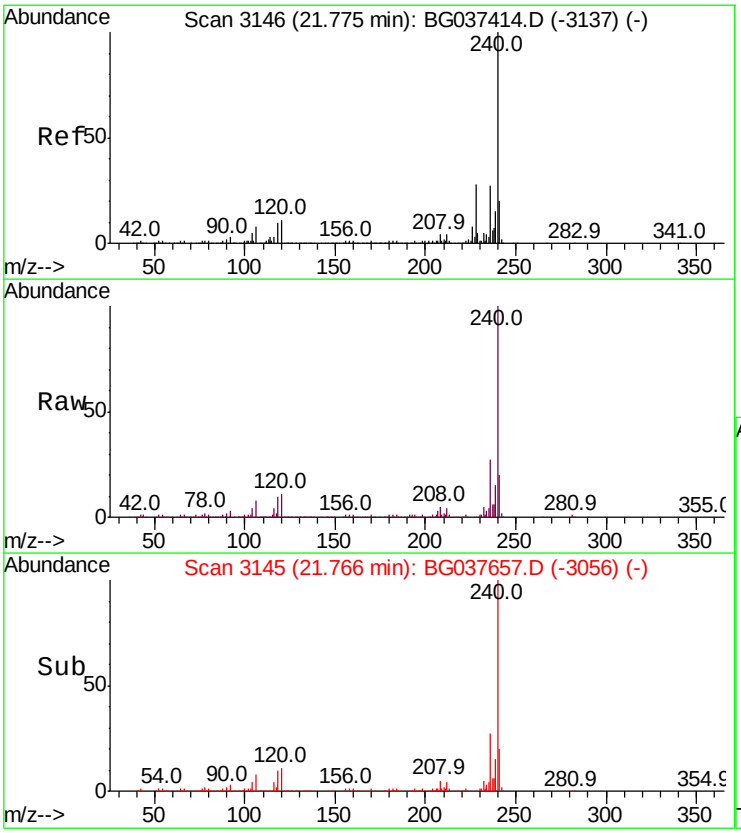
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

Tgt Ion:188 Resp: 440612

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.8	7.7	11.5

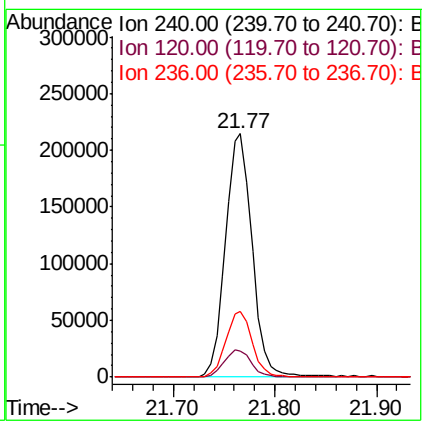


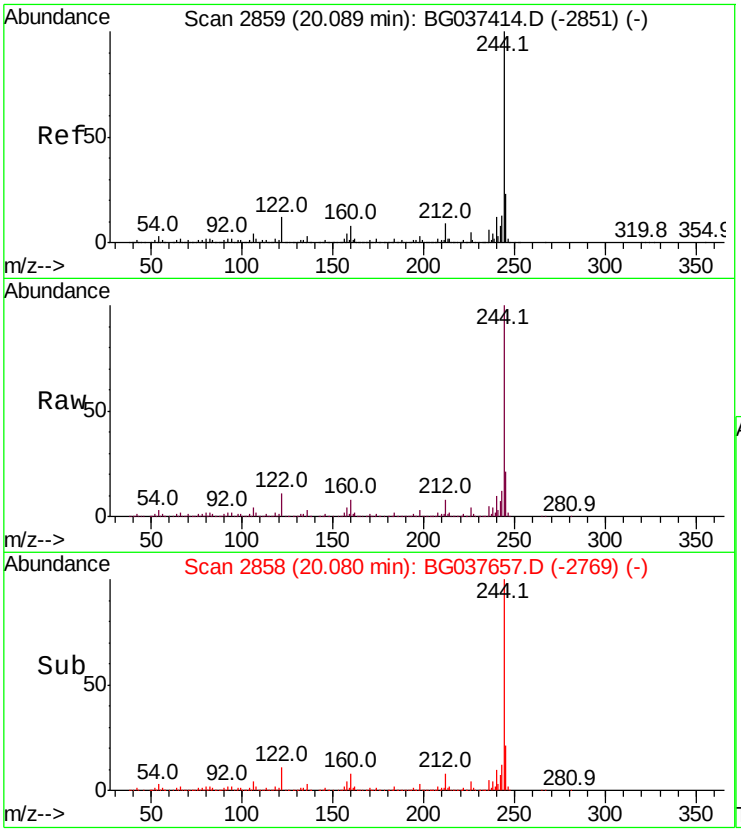


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Tgt Ion:240 Resp: 391526

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	27.1	21.4	32.0



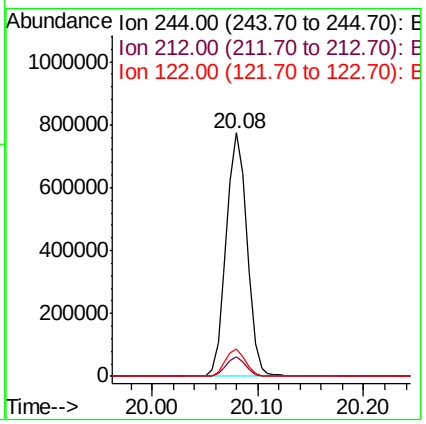


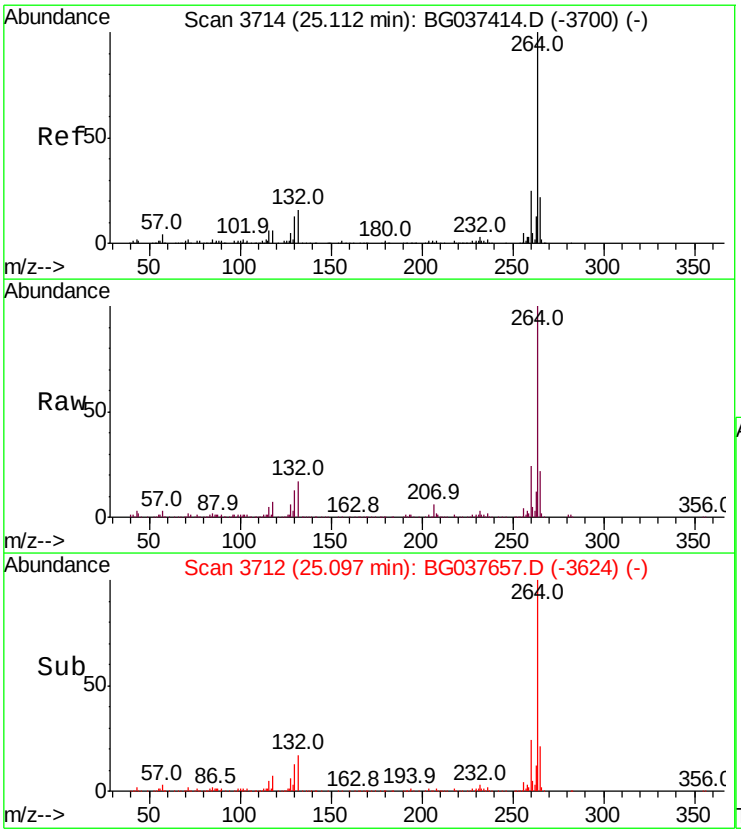
#79
Terphenyl-d14
Concen: 57.570 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

Tgt Ion:244 Resp: 1054867

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Tgt Ion:264 Resp: 401945

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.5	17.9	26.9