Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037558.D
Acq On : 25 Oct 2018 23:33
Operator : JU/SJ
Sample : J5661-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VB44949

Quant Time: Oct 26 08:34:10 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	8.11	152	59229	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	266265	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	187036	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	445627	20.00	ng	0.00
76) Chrysene-d12	21.77	240	398016	20.00	ng	0.00
87) Perylene-d12	25.10	264	406634	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	370441	104.56	ng	0.00
7) Phenol-d6	7.25	99	539138	100.64	ng	0.00
23) Nitrobenzene-d5	9.28	82	311632	65.56	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	203795	99.90	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	758381	61.14	ng	0.00
79) Terphenyl-d14	20.08	244	1130380	60.68	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.27	94	52019	9.203	ng	98
50) Dimethylphthalate	14.18	163	88886	6.143	ng	99

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

Quantitation Report (QT/LSC Reviewed)

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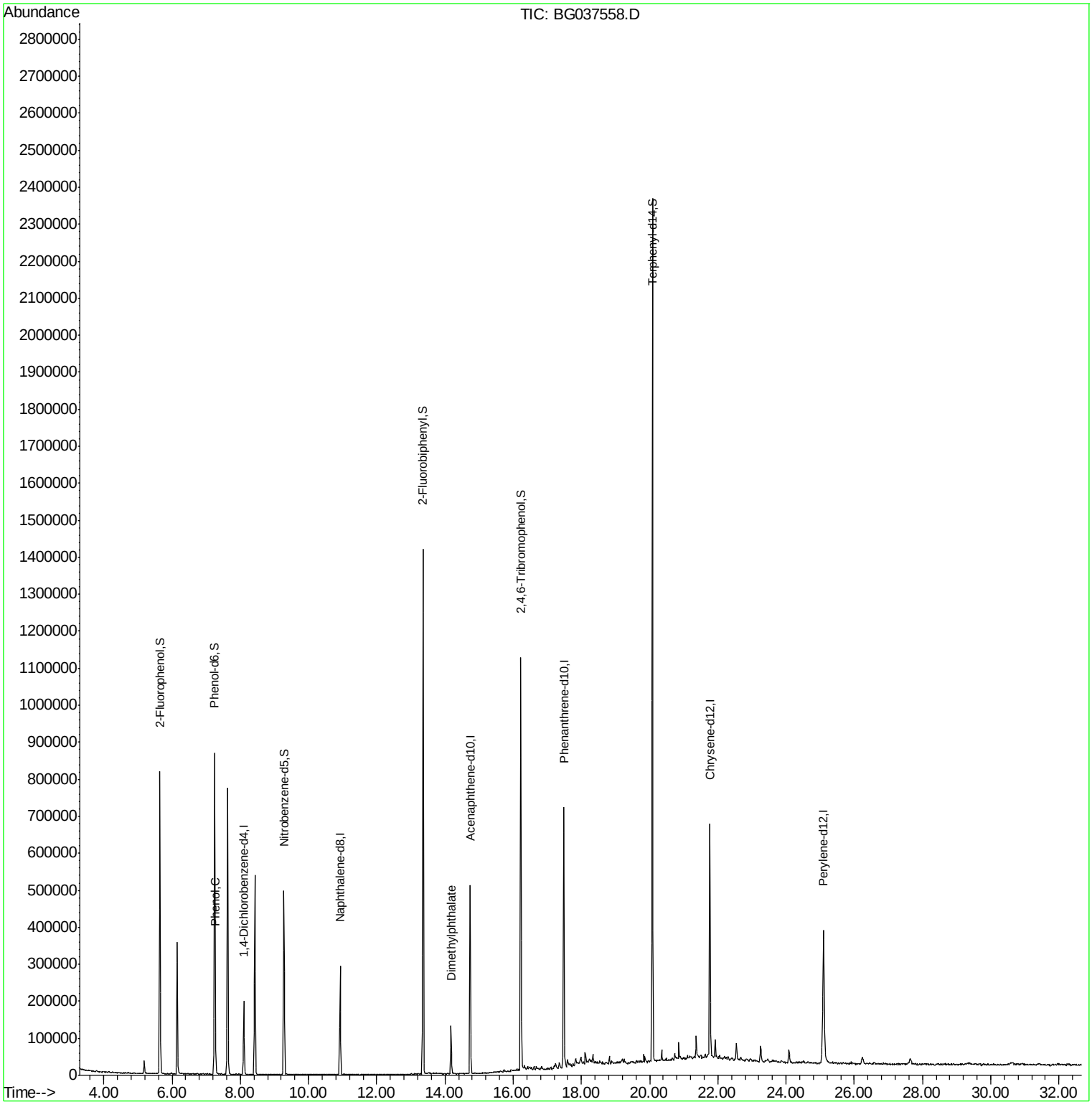
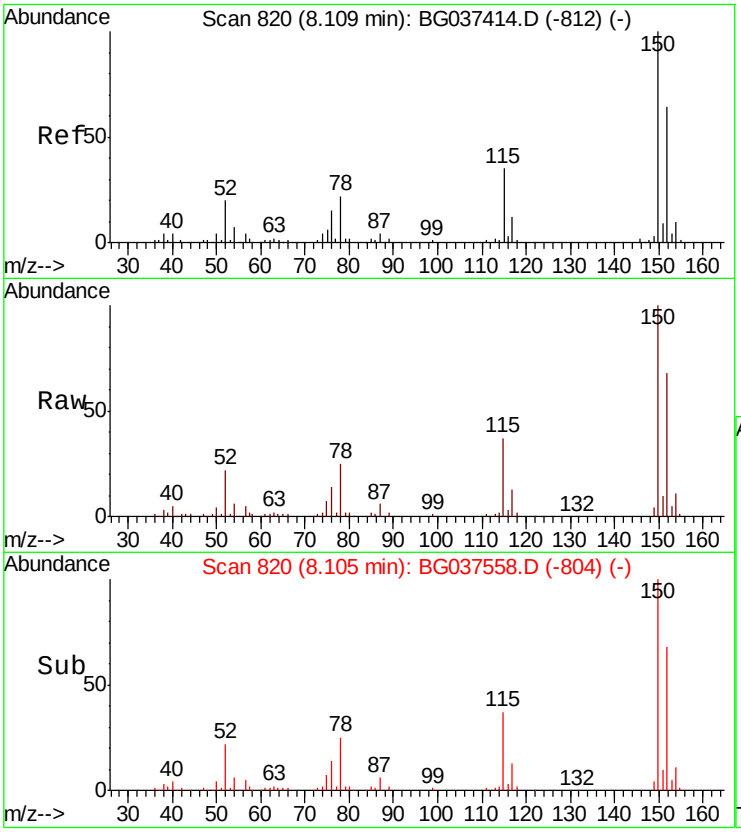


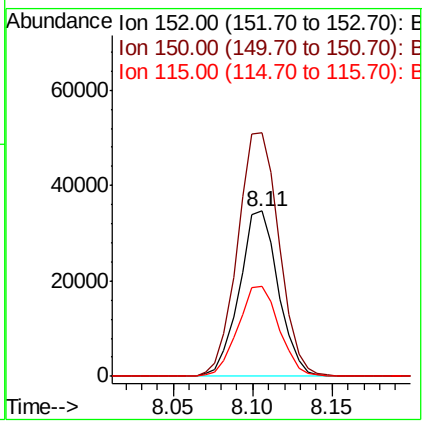


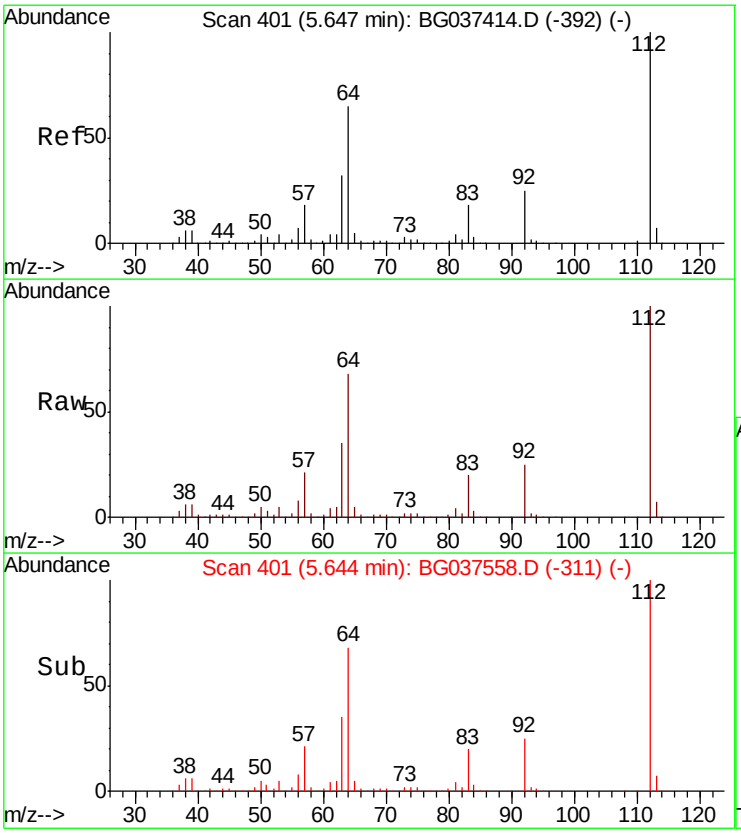
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Instrument :
BNA_G
ClientSampleId :
VB44949

Tgt Ion:152 Resp: 59229

Ion	Ratio	Lower	Upper
152	100		
150	147.4	126.0	189.0
115	54.5	45.5	68.3

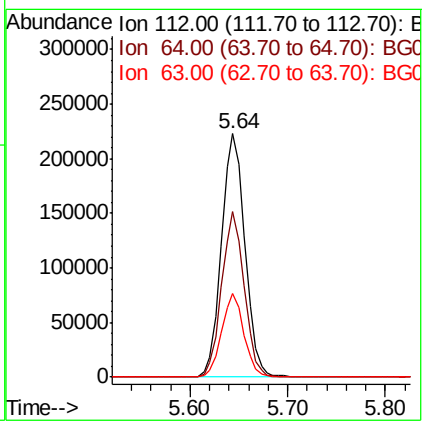


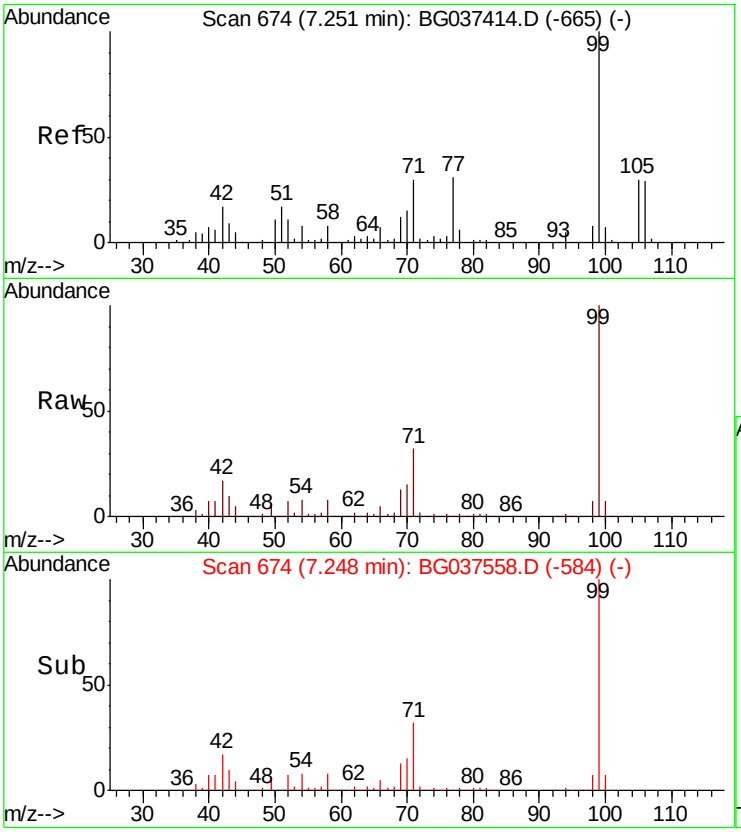


#5
2-Fluorophenol
Concen: 104.564 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Tgt Ion:112 Resp: 370441

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.1	79.7
63	34.6	27.3	40.9



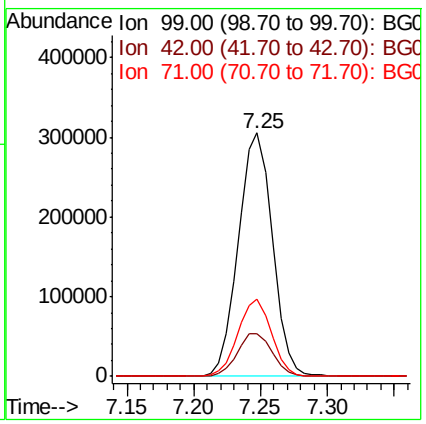


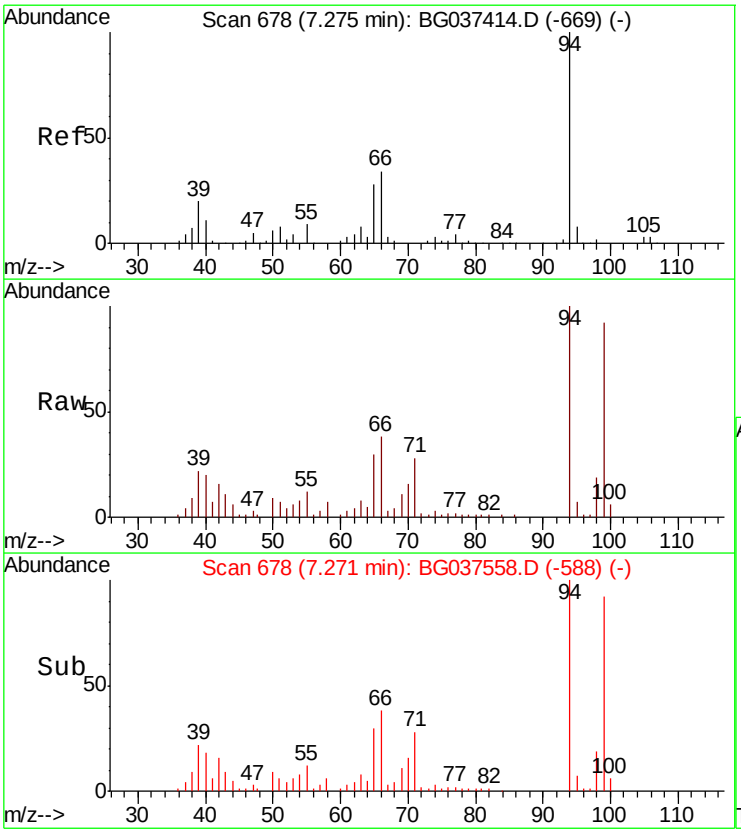
#7
Phenol-d6
Concen: 100.641 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Instrument :
BNA_G
ClientSampleId :
VB44949

Tgt Ion: 99 Resp: 539138

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.0	22.4
71	31.7	25.5	38.3

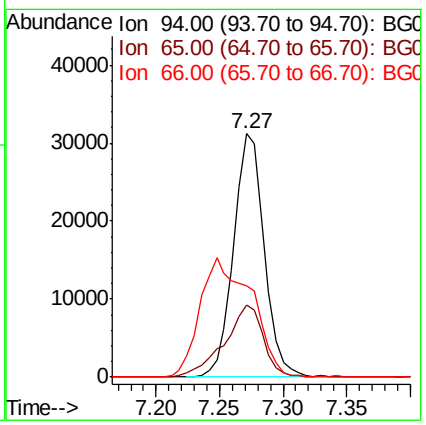


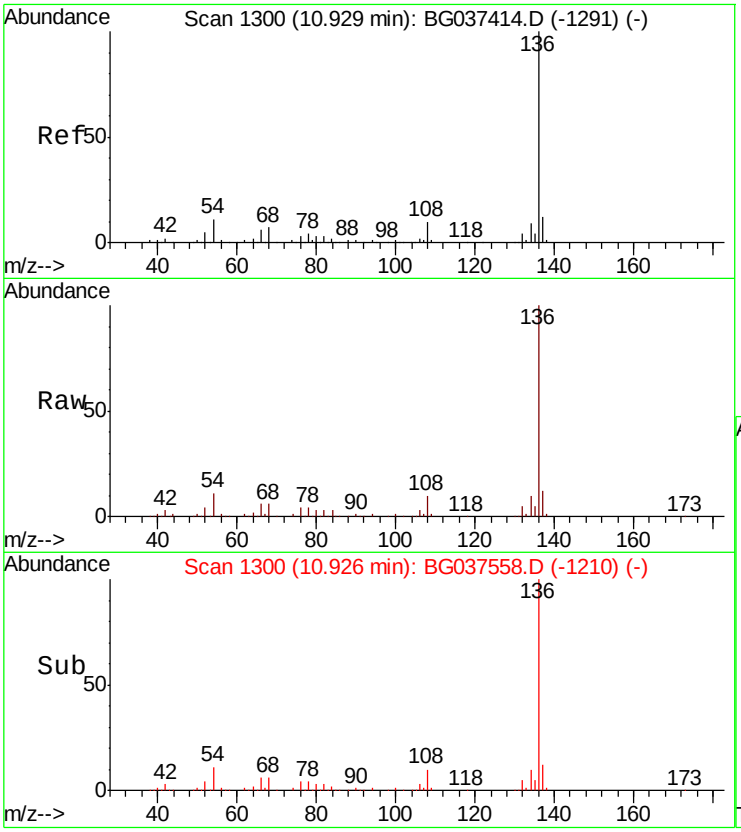


#10
Phenol
Concen: 9.203 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Tgt Ion: 94 Resp: 52019

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.7	49.7
66	37.6	15.9	55.9



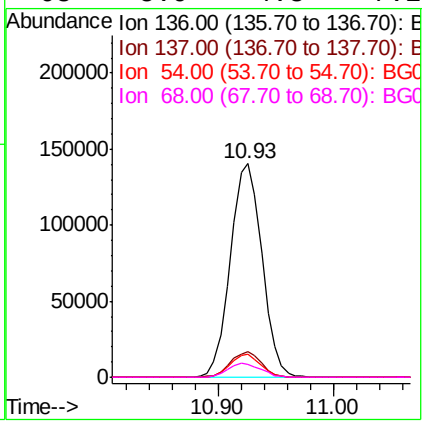


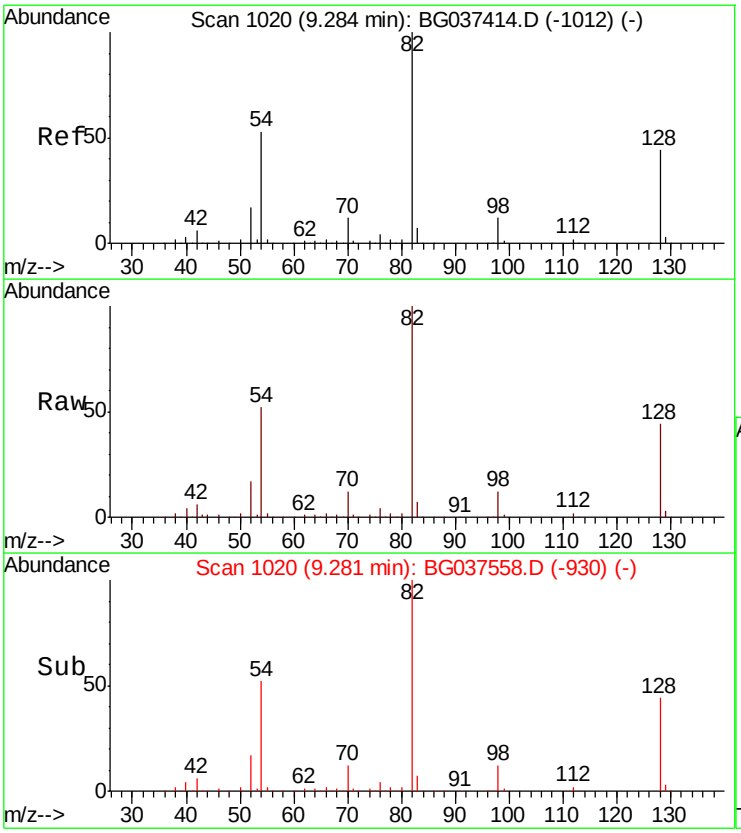
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Instrument :
BNA_G
ClientSampleId :
VB44949

Tgt Ion:136 Resp: 266265

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	10.6	7.9	11.9
68	5.9	4.8	7.2

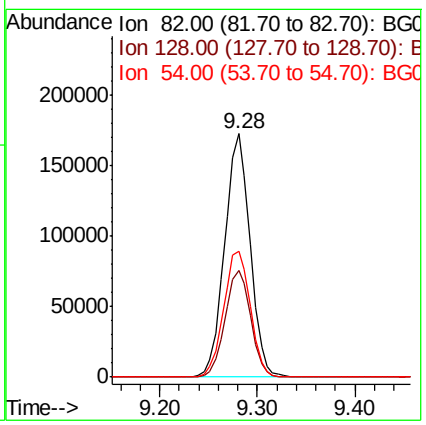


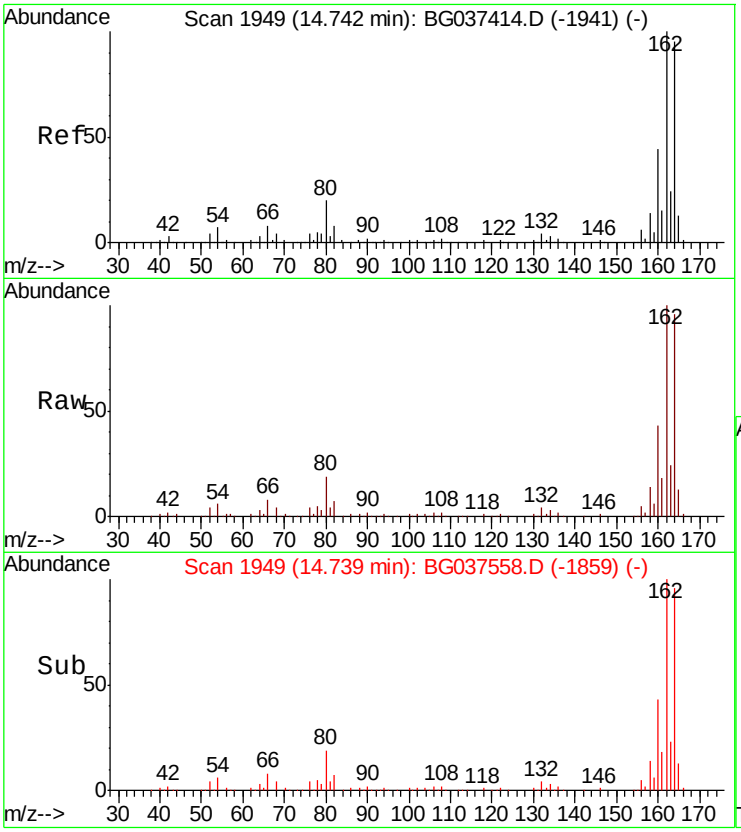


#23
Nitrobenzene-d5
Concen: 65.564 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Tgt Ion: 82 Resp: 311632

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	51.9	45.3	67.9



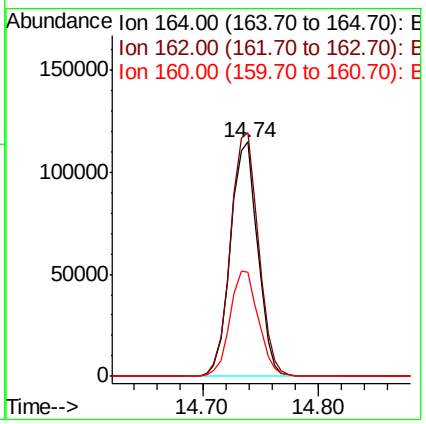


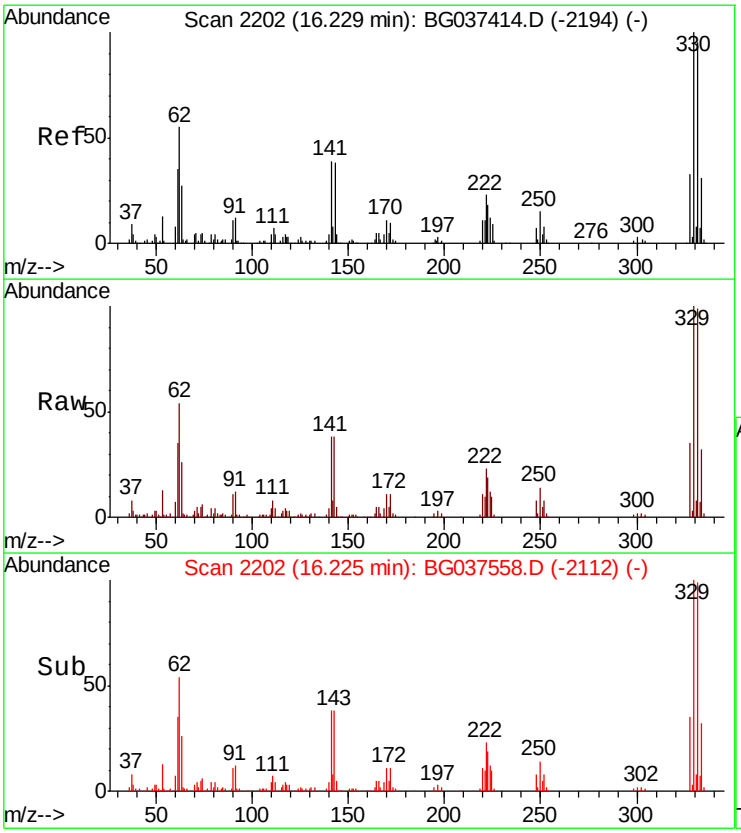
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Instrument :
BNA_G
ClientSampleId :
VB44949

Tgt Ion:164 Resp: 187036

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.3	121.9
160	44.2	36.3	54.5

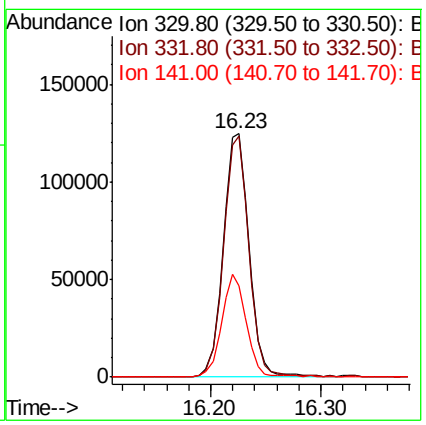


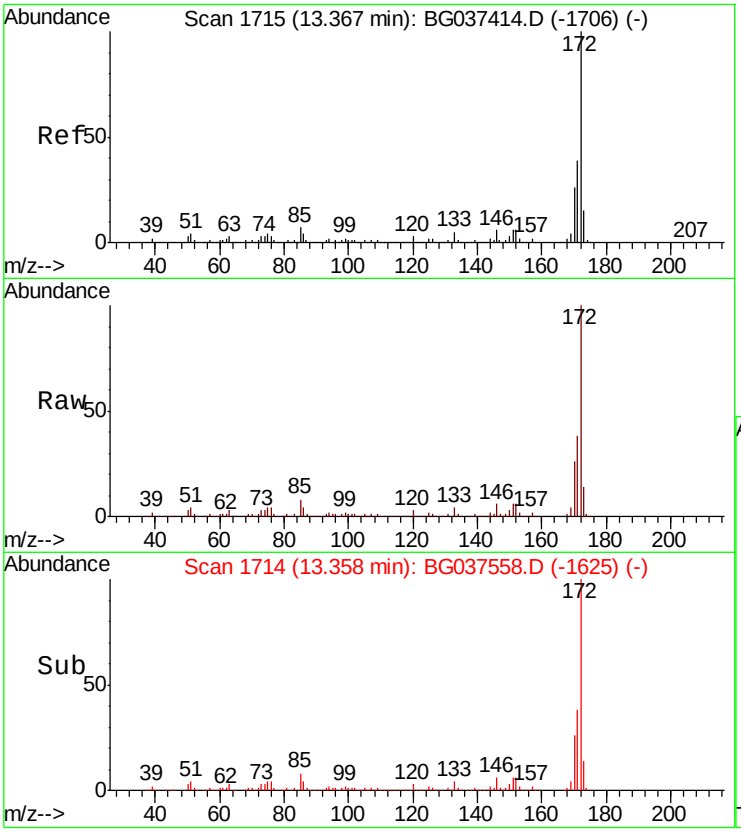


#42
2,4,6-Tribromophenol
Concen: 99.900 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Tgt Ion:330 Resp: 203795

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.4	117.6
141	40.4	32.2	48.2



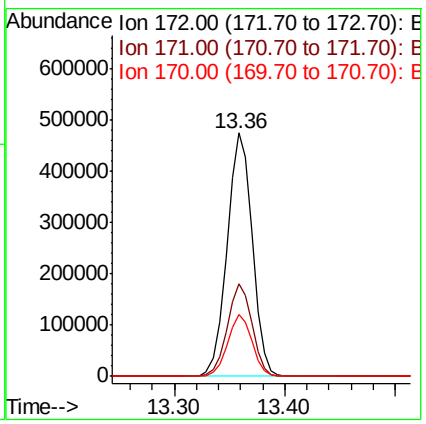


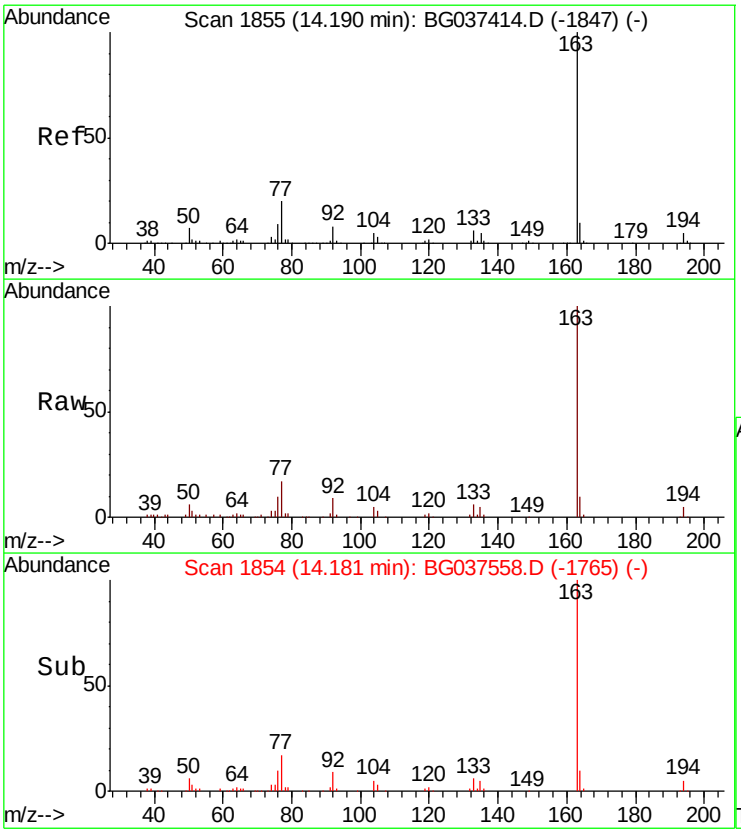
#45
2-Fluorobiphenyl
Concen: 61.143 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Instrument :
BNA_G
ClientSampleId :
VB44949

Tgt Ion:172 Resp: 758381

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.6	20.2	30.2

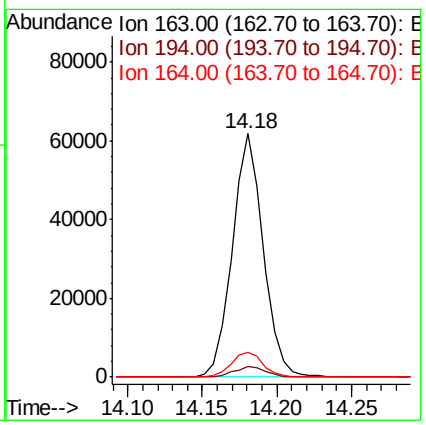


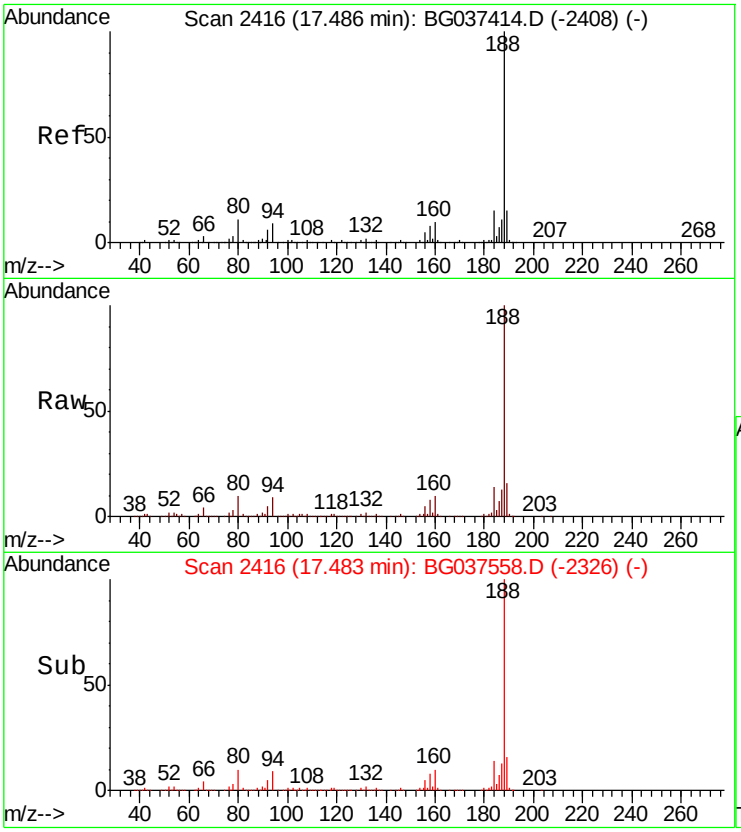


#50
Dimethylphthalate
Concen: 6.143 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Tgt Ion:163 Resp: 88886

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.2	8.5	12.7



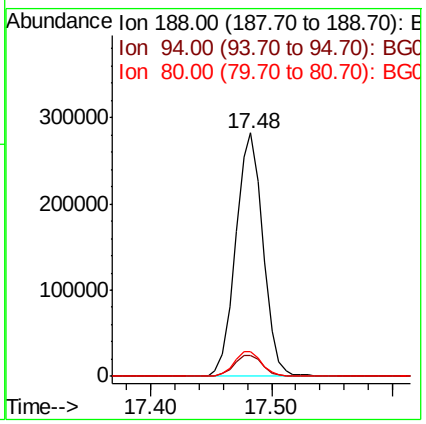


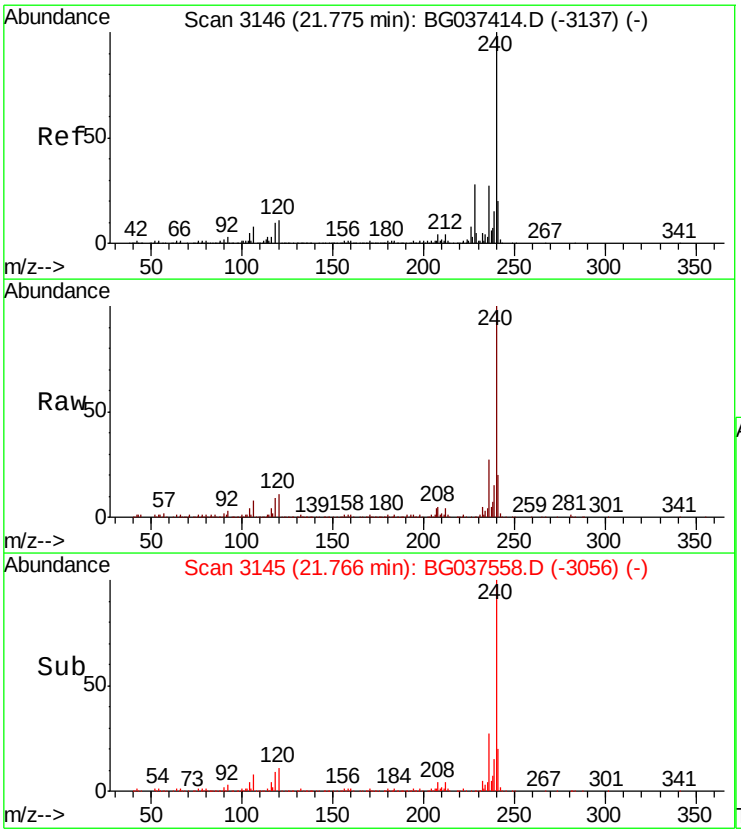
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Instrument :
BNA_G
ClientSampleId :
VB44949

Tgt Ion:188 Resp: 445627

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.2	7.7	11.5

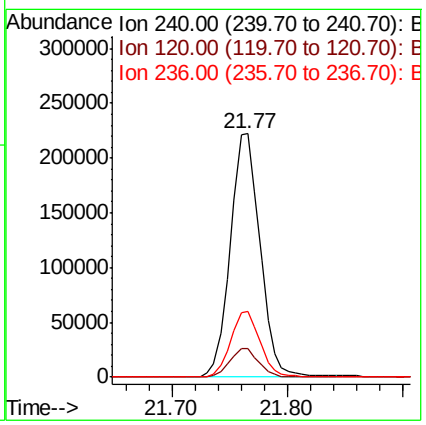


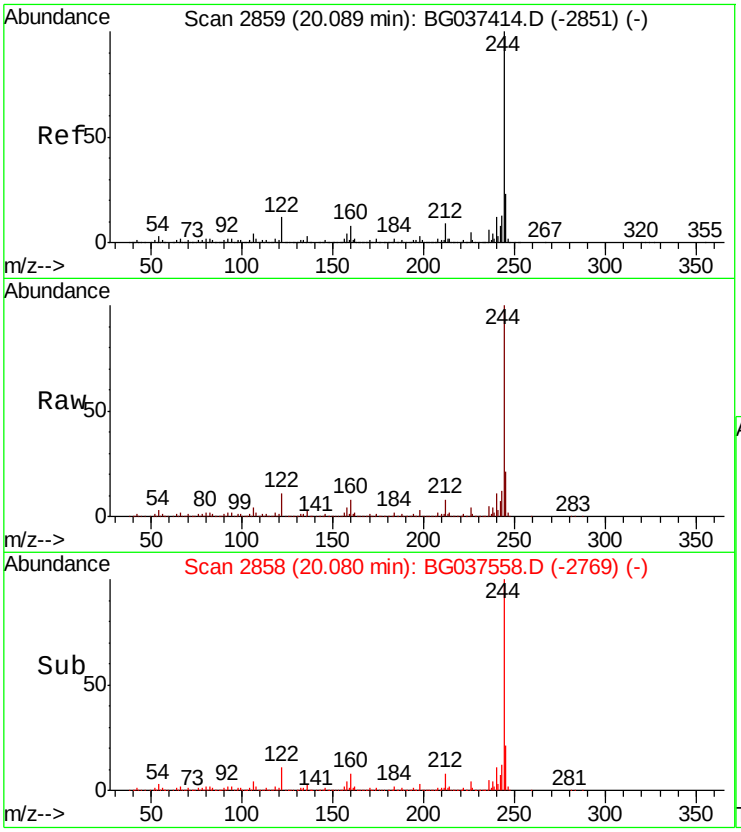


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Tgt Ion:240 Resp: 398016

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.1	12.1
236	26.9	21.4	32.0



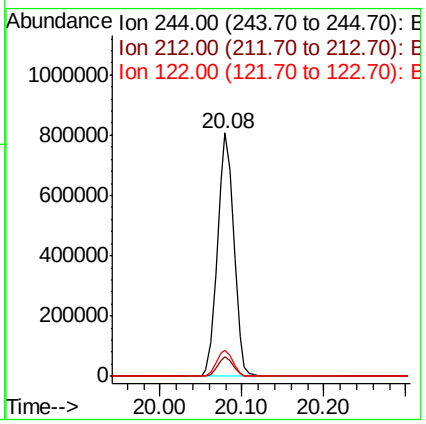


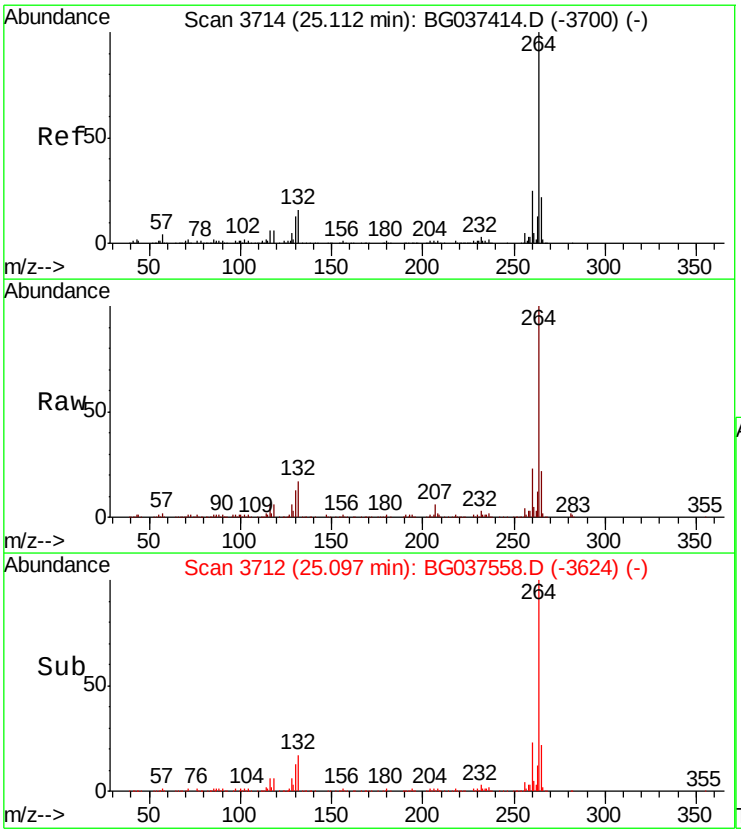
#79
Terphenyl-d14
Concen: 60.685 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Instrument :
BNA_G
ClientSampleId :
VB44949

Tgt Ion:244 Resp: 1130380

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.8	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: BG037558.D
Acq: 25 Oct 2018 23:33

Tgt Ion:264 Resp: 406634

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.7	17.9	26.9