Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037564.D
Acq On : 26 Oct 2018 4:07
Operator : JU/SJ
Sample : J5633-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Time: Oct 26 08:42:07 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	59135	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	261986	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	173282	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	393717	20.00	ng	0.00
76) Chrysene-d12	21.77	240	354457	20.00	ng	0.00
87) Perylene-d12	25.10	264	367251	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	200800	56.77	ng	0.00
7) Phenol-d6	7.24	99	180142	33.68	ng	0.00
23) Nitrobenzene-d5	9.28	82	410675	87.81	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	246069	130.20	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	928091	80.76	ng	0.00
79) Terphenyl-d14	20.08	244	1302851	78.54	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.27	94	39597	7.017	ng	96
70) Pentachlorophenol	17.12	266	8668	2.888	ng #	87

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

Quantitation Report (QT/LSC Reviewed)

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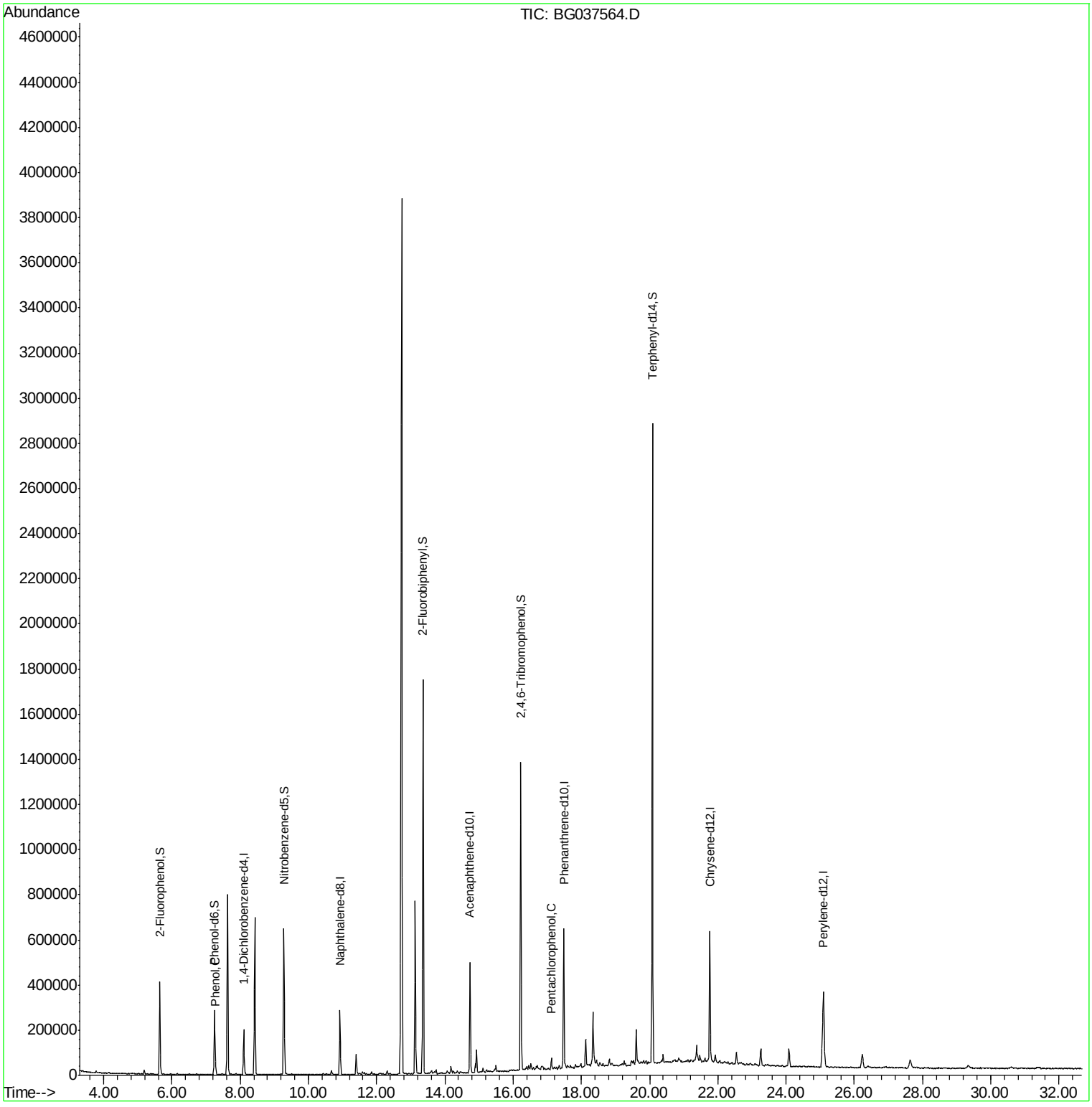
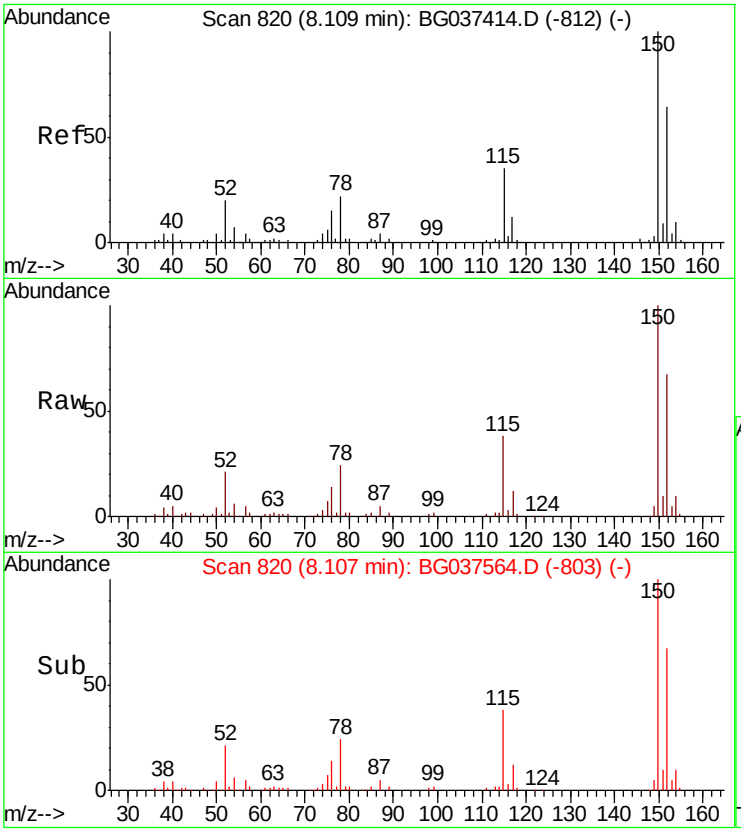


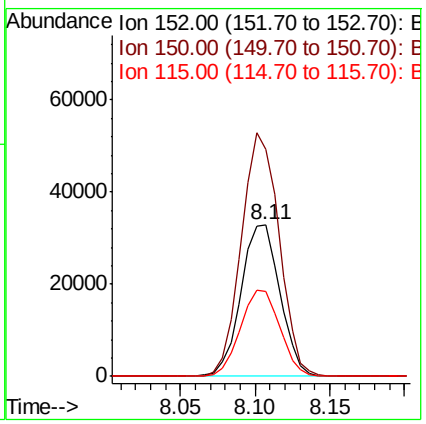


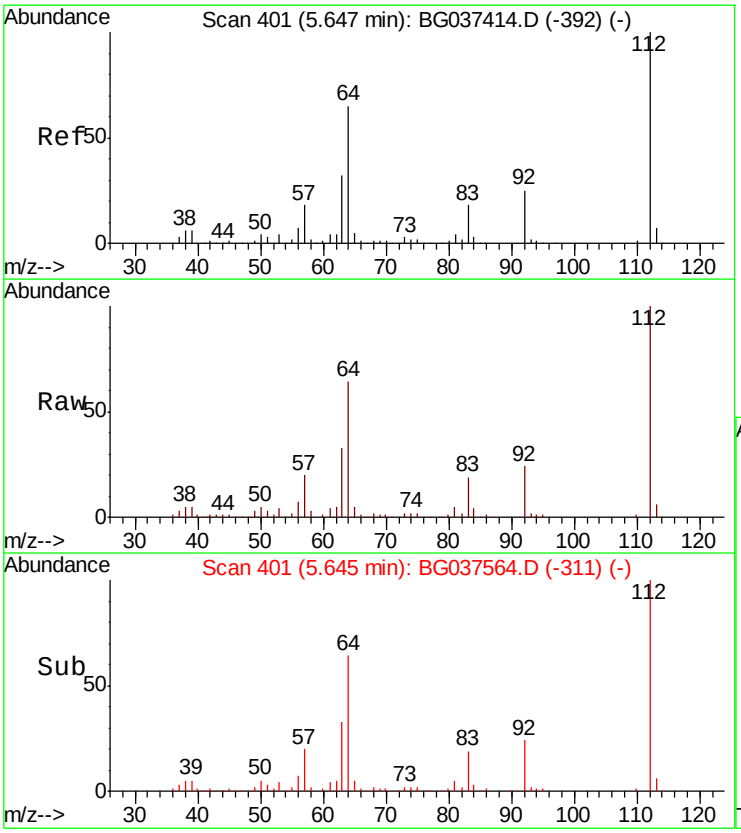
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 59135

Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.0	189.0
115	56.2	45.5	68.3

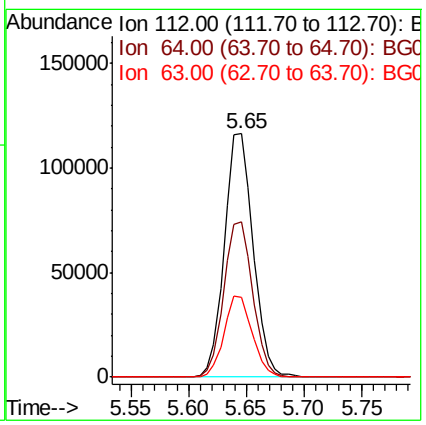


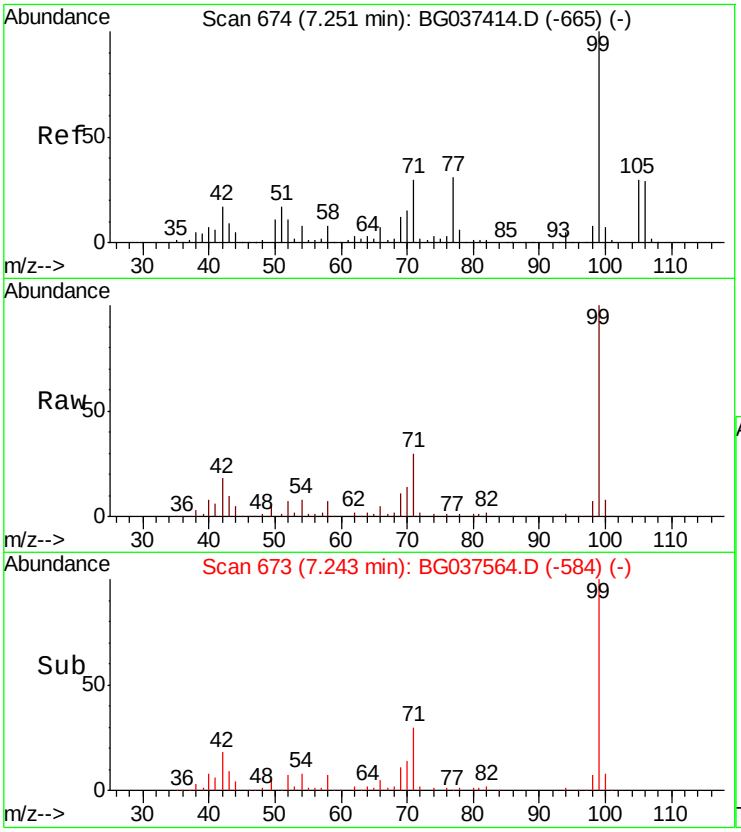


#5
2-Fluorophenol
Concen: 56.770 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Tgt Ion:112 Resp: 200800

Ion	Ratio	Lower	Upper
112	100		
64	64.0	53.1	79.7
63	32.6	27.3	40.9



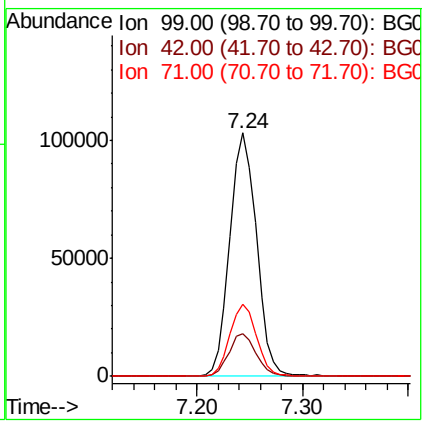


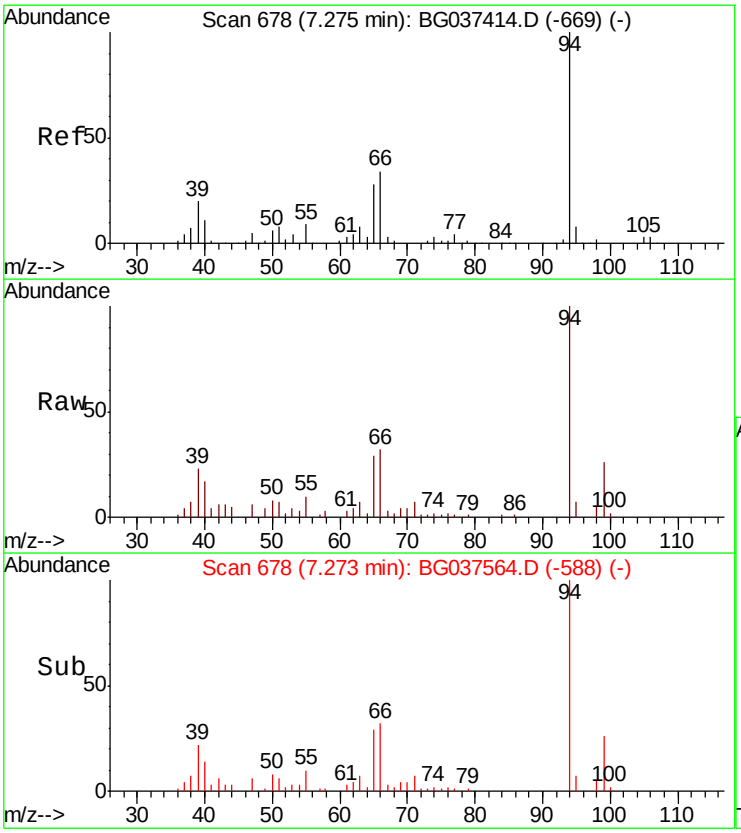
#7
Phenol-d6
Concen: 33.681 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion: 99 Resp: 180142

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	29.8	25.5	38.3

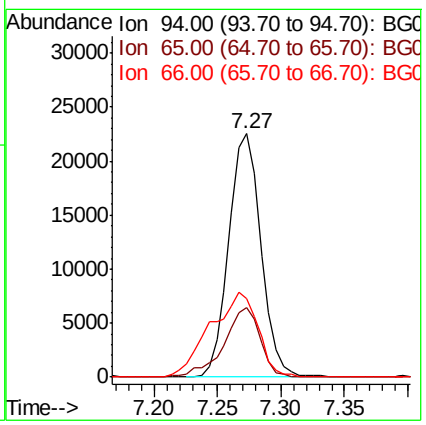


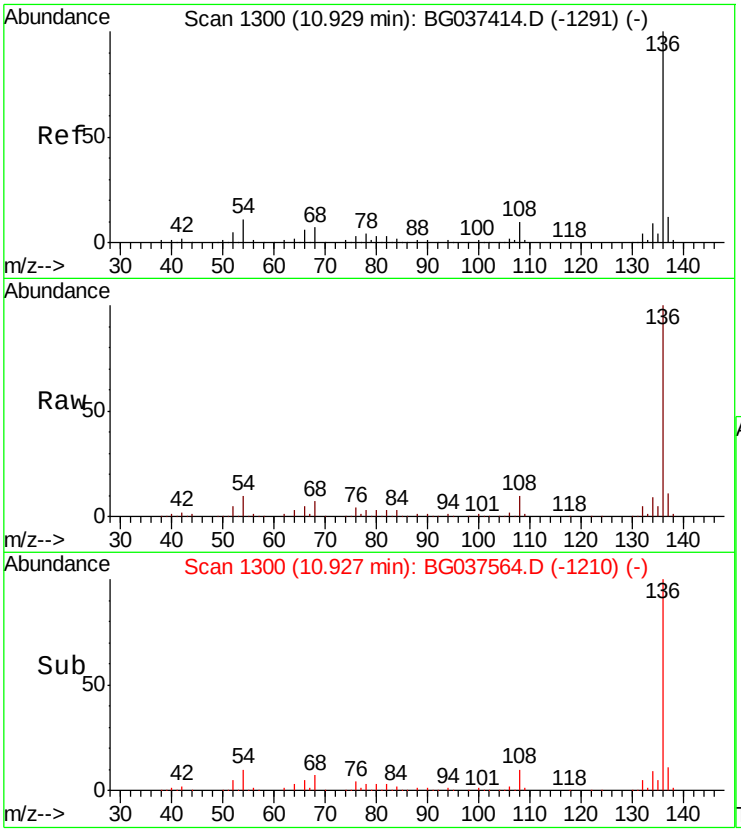


#10
Phenol
Concen: 7.017 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Tgt Ion: 94 Resp: 39597

Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.7	49.7
66	32.0	15.9	55.9



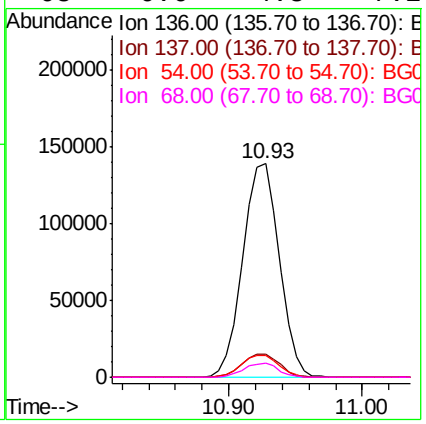


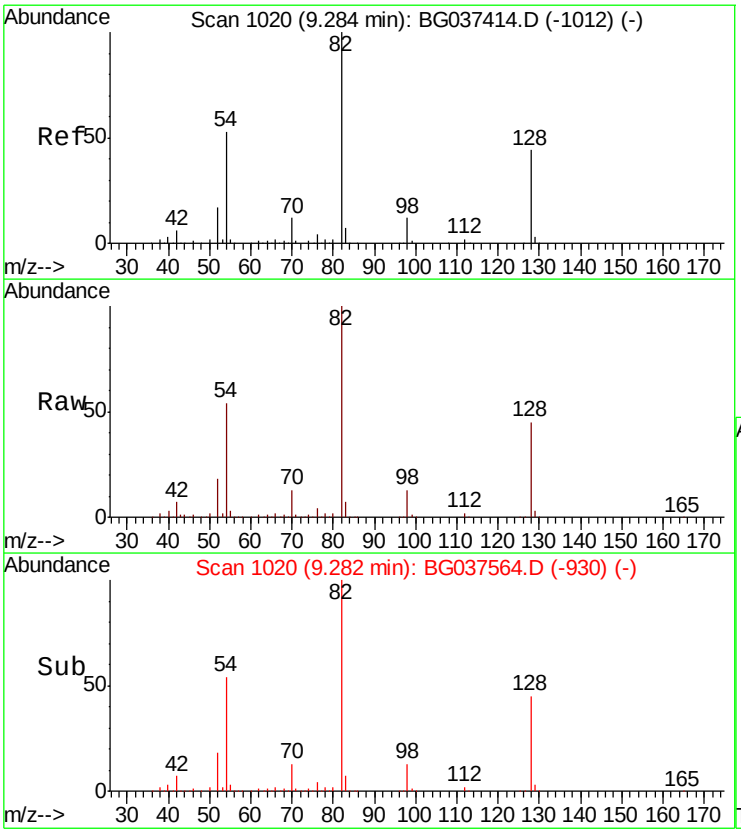
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Instrument : BNA_G
ClientSampleId : MW-3

Tgt Ion:136 Resp: 261986

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	9.9	7.9	11.9
68	6.6	4.8	7.2

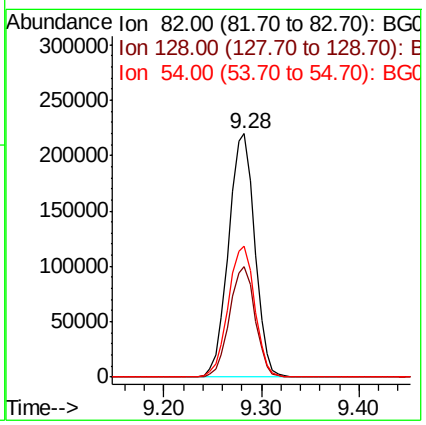


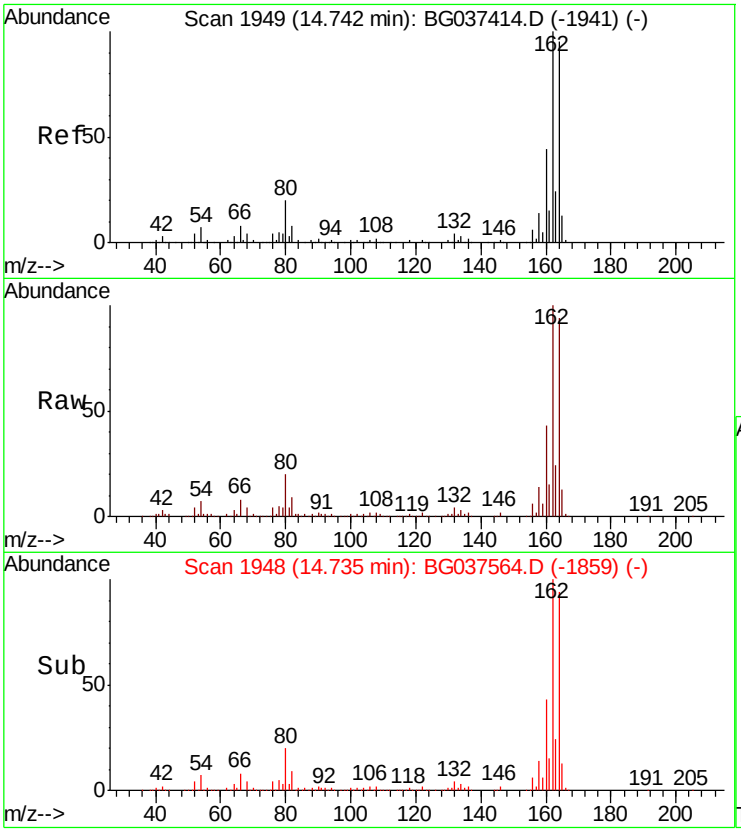


#23
Nitrobenzene-d5
Concen: 87.812 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Tgt Ion: 82 Resp: 410675

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	53.8	45.3	67.9



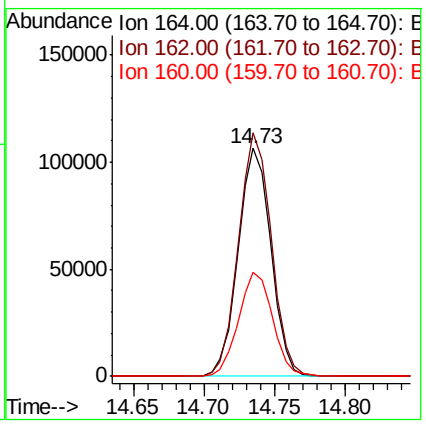


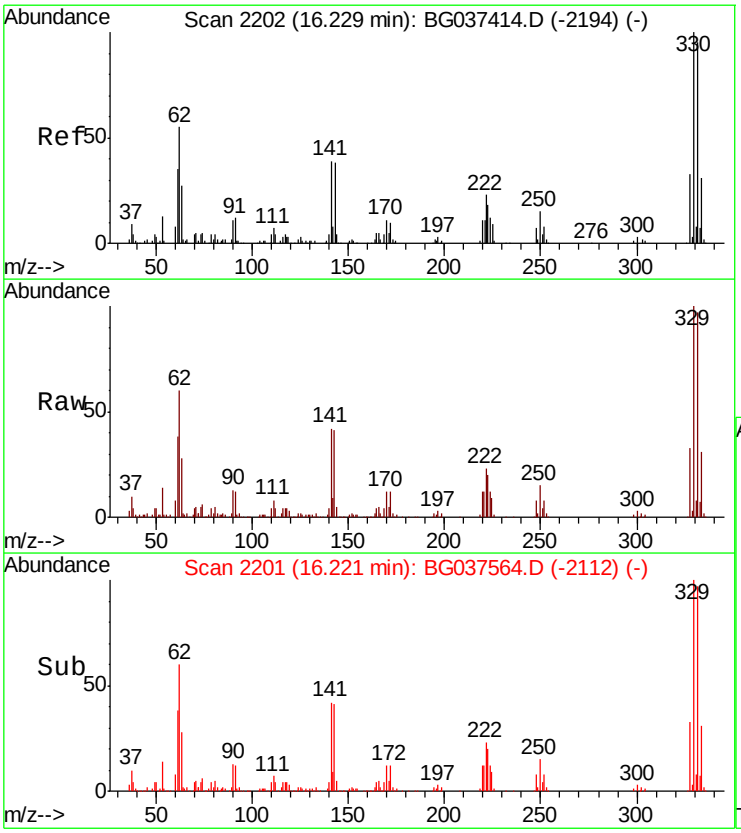
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion:164 Resp: 173282

Ion	Ratio	Lower	Upper
164	100		
162	106.7	81.3	121.9
160	45.5	36.3	54.5

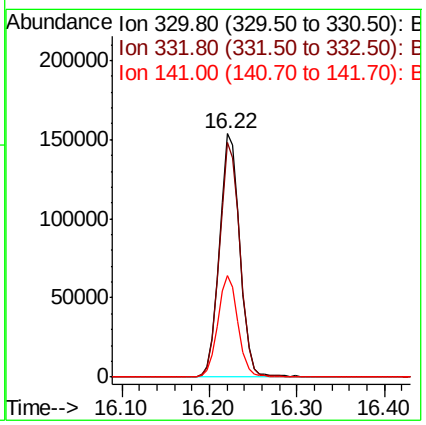


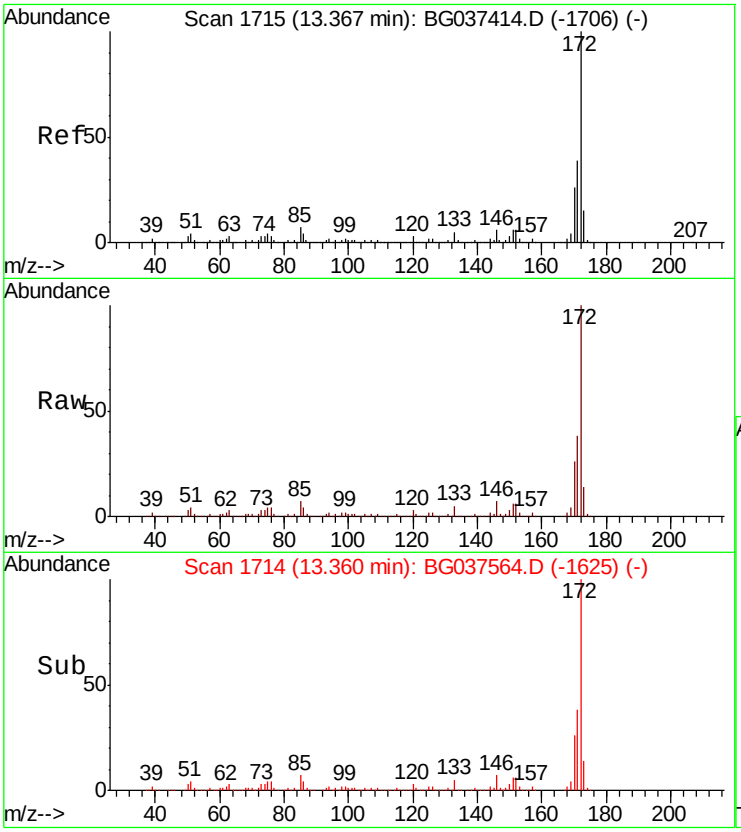


#42
2,4,6-Tribromophenol
Concen: 130.197 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Tgt Ion:330 Resp: 246069

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	41.4	32.2	48.2



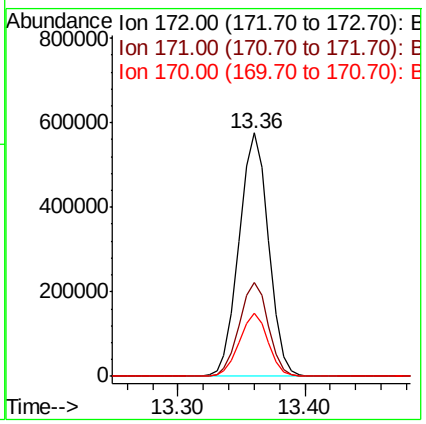


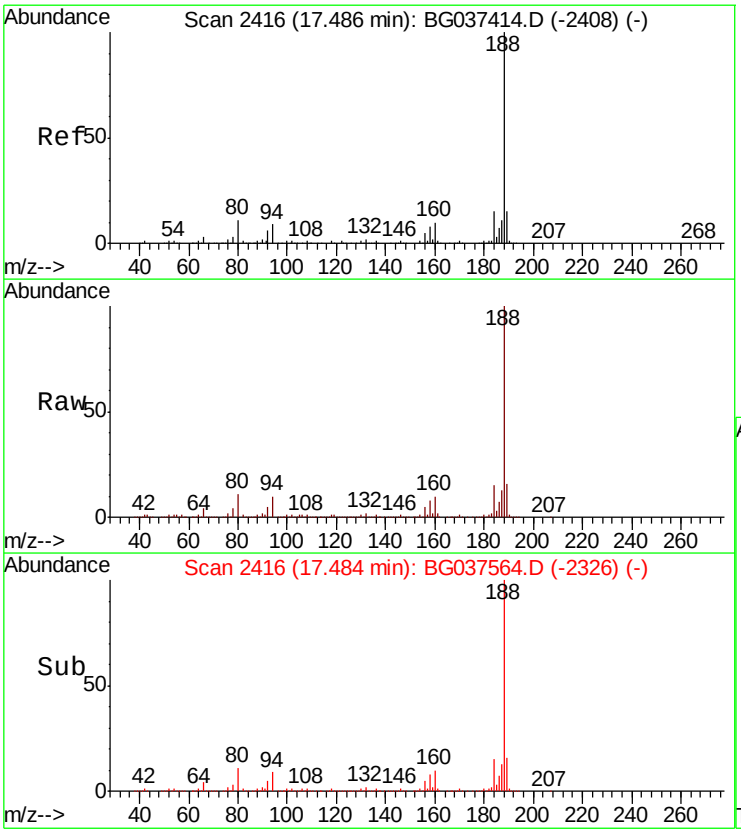
#45
2-Fluorobiphenyl
Concen: 80.765 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion:172 Resp: 928091

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.7	20.2	30.2

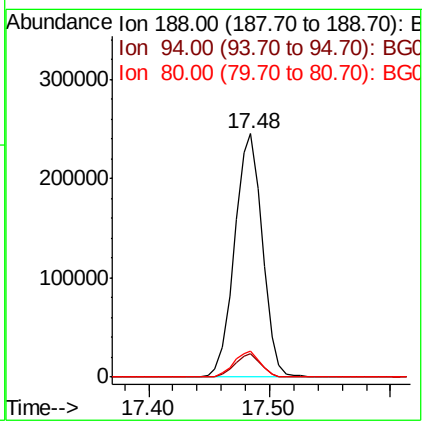


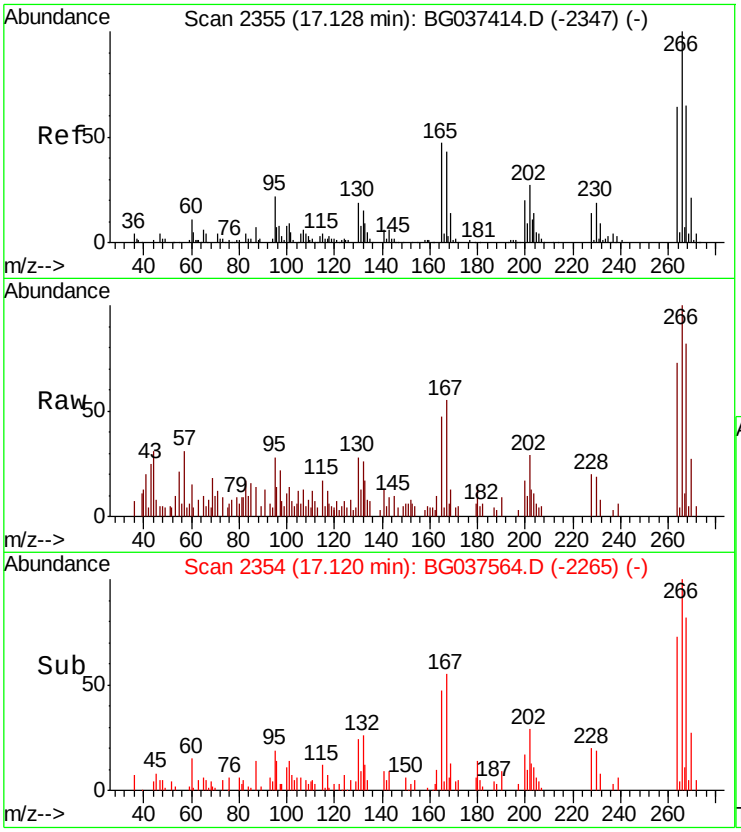


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Tgt Ion:188 Resp: 393717

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.5	7.7	11.5



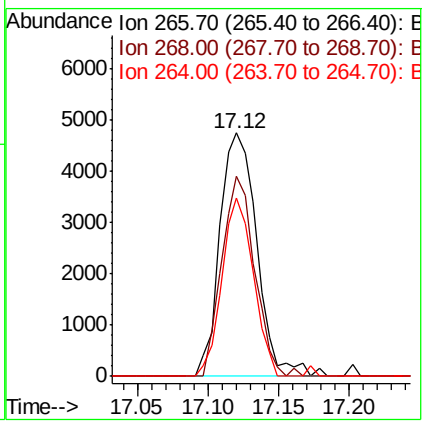


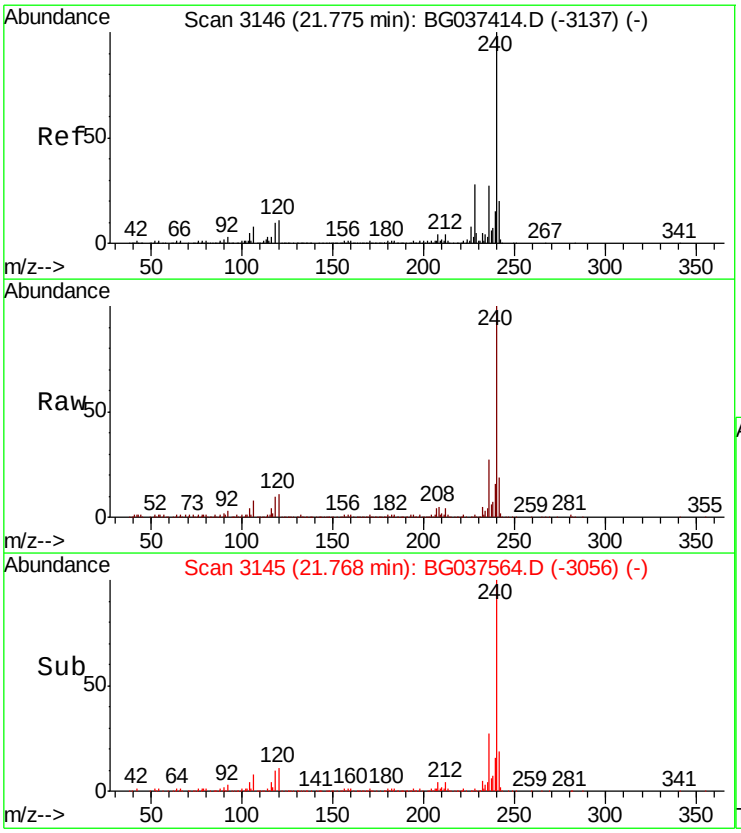
#70
Pentachlorophenol
Concen: 2.888 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion:266 Resp: 8668

Ion	Ratio	Lower	Upper
266	100		
268	87.3	55.0	82.6#
264	77.1	58.9	88.3

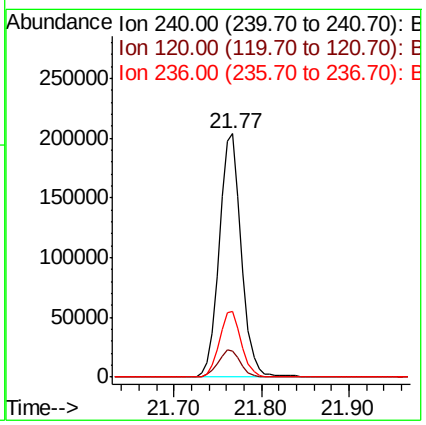


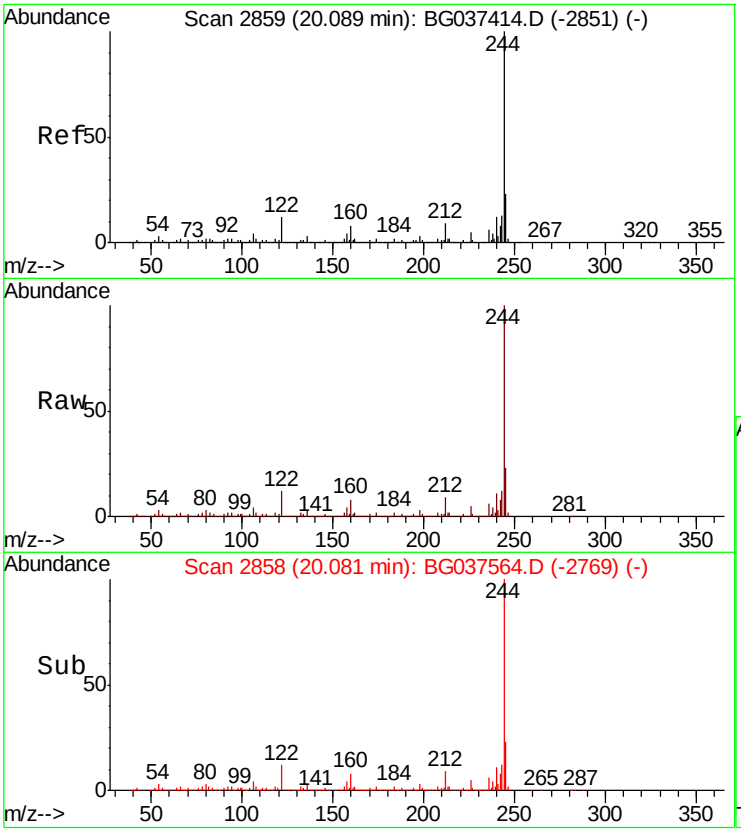


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Tgt Ion:240 Resp: 354457

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.2	21.4	32.0



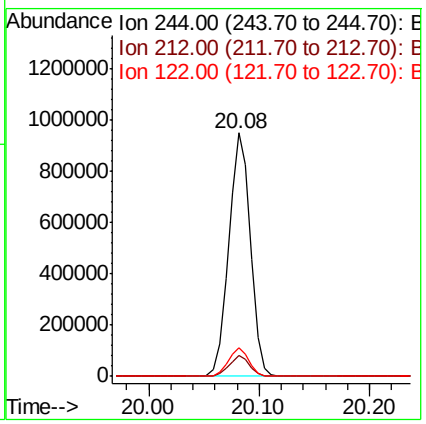


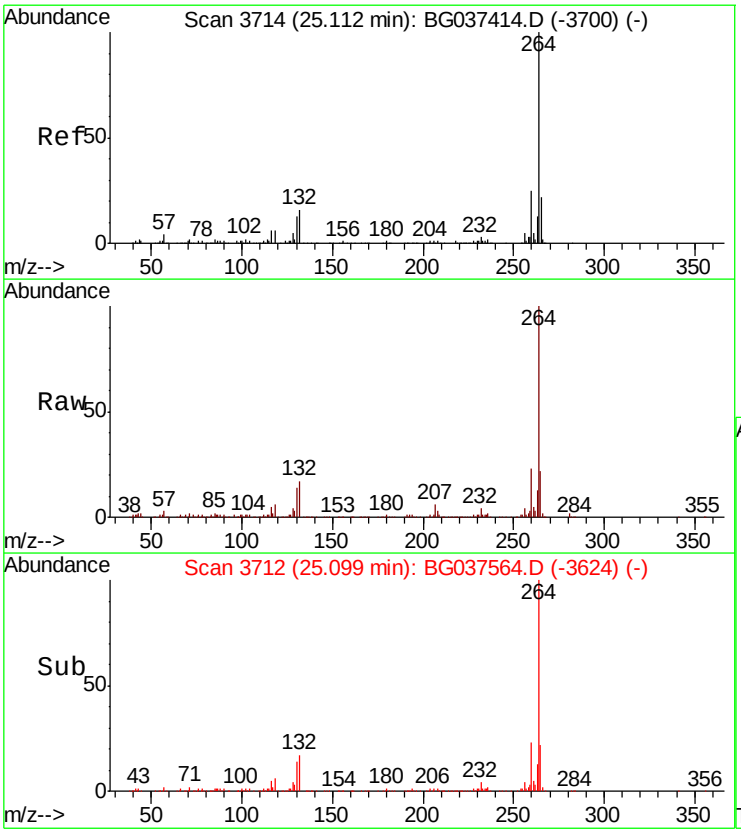
#79
Terphenyl-d14
Concen: 78.540 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Instrument :
BNA_G
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 1302851

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.5	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Tgt Ion:264 Resp: 367251

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	22.5	17.9	26.9