Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
Data File : BG037404.D
Acq On : 18 Oct 2018 00:01
Operator : JU/SJ
Sample : J5541-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 101518-SIDI-E-D-S

Quant Time: Oct 18 12:04:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59813	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	273723	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	184513	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	456117	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	421357	20.00	ng	-0.02
87) Perylene-d12	25.11	264	421810	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	136401	40.13	ng	0.00
7) Phenol-d6	7.25	99	122002	23.65	ng	0.00
23) Nitrobenzene-d5	9.29	82	416338	100.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	174768	96.58	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	1042177	84.82	ng	-0.02
79) Terphenyl-d14	20.09	244	1546172	77.05	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.28	94	15310	2.818	ng	96
50) Dimethylphthalate	14.19	163	33897	2.338	ng	99

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

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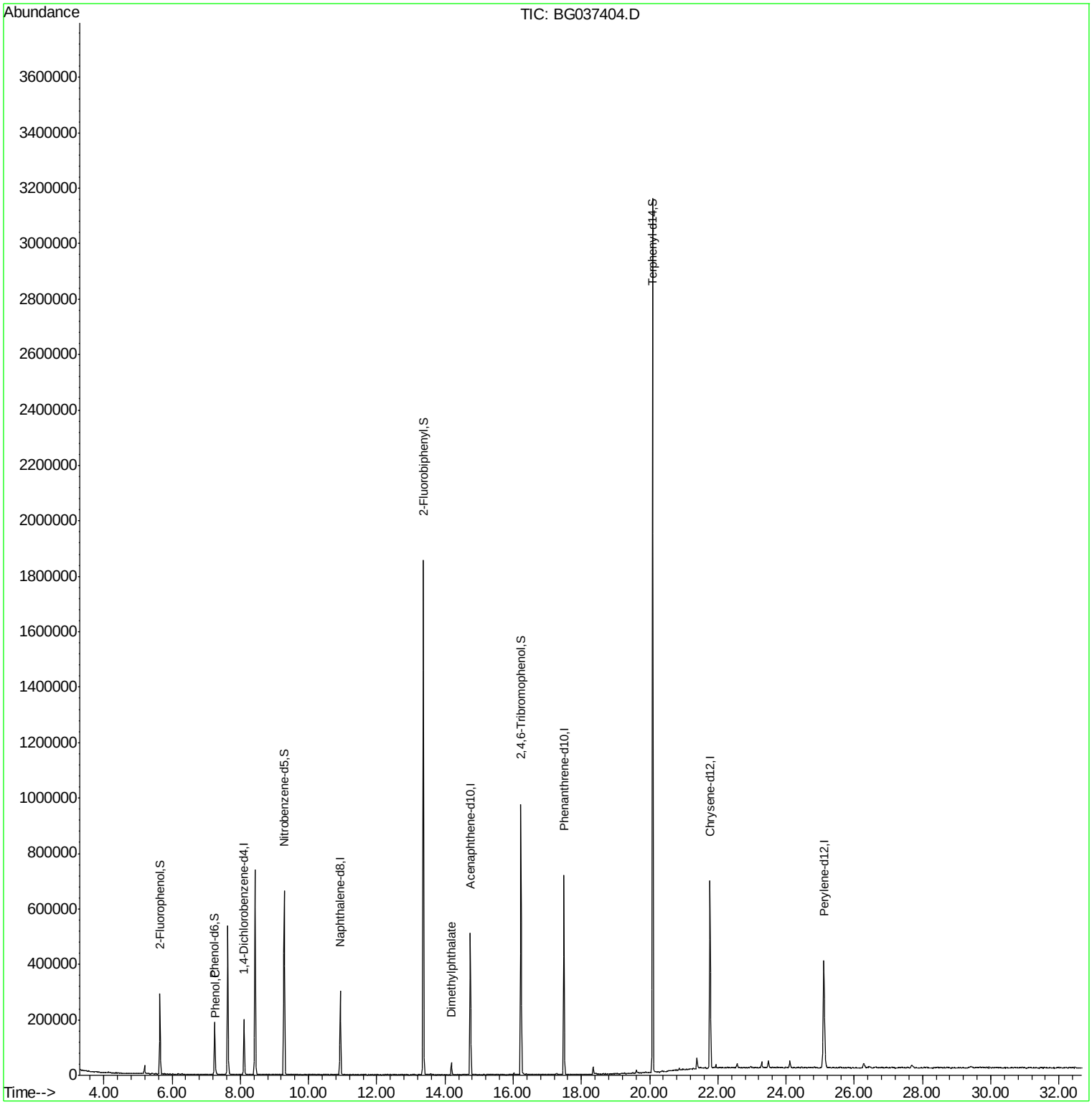
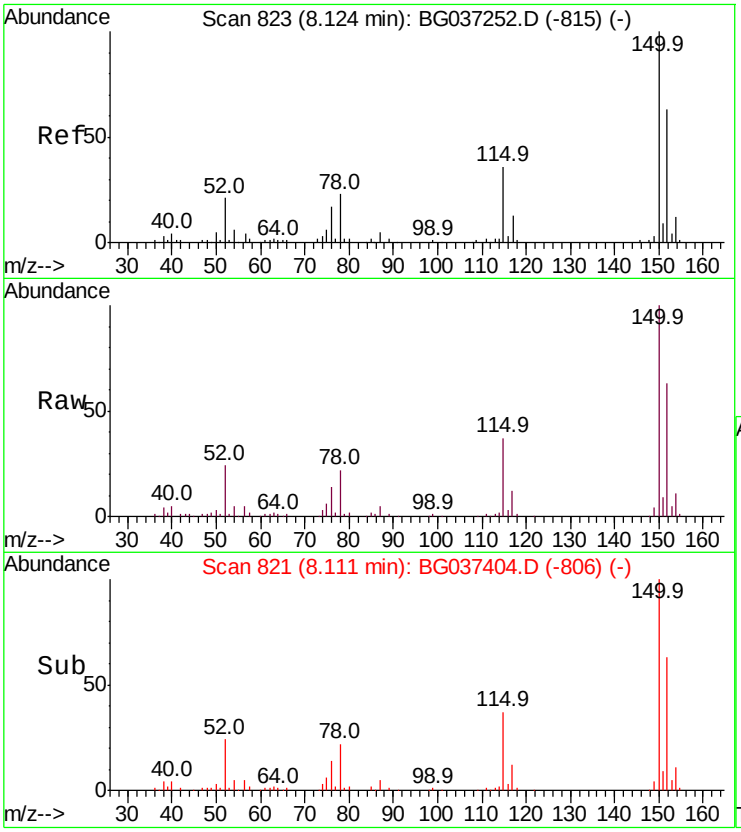
Response via : Initial Calibration



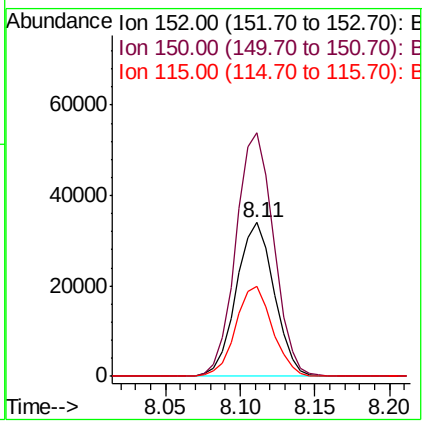


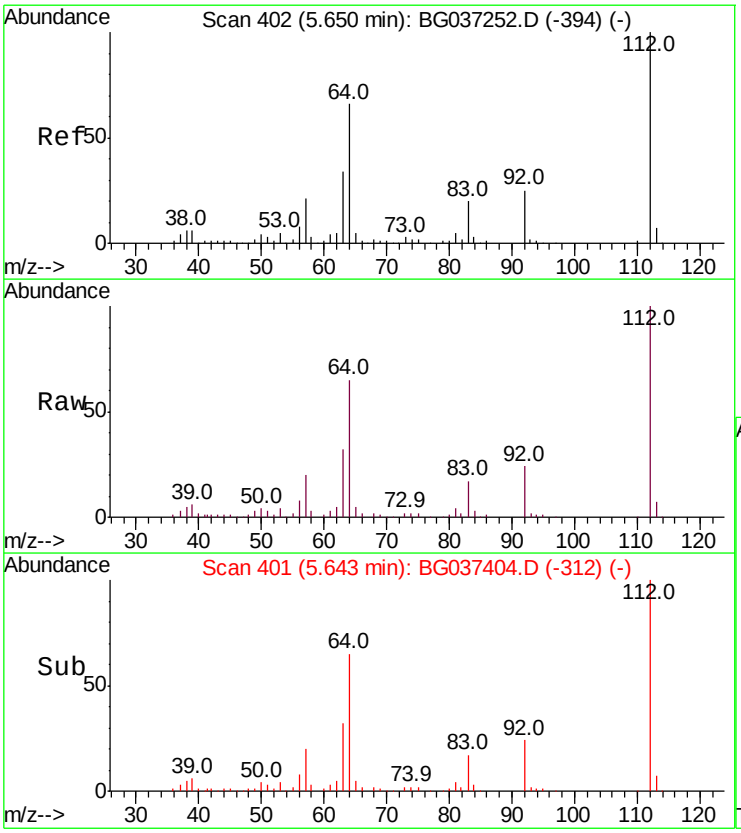
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-S

Tgt Ion:152 Resp: 59813

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.0	189.0
115	58.9	45.5	68.3

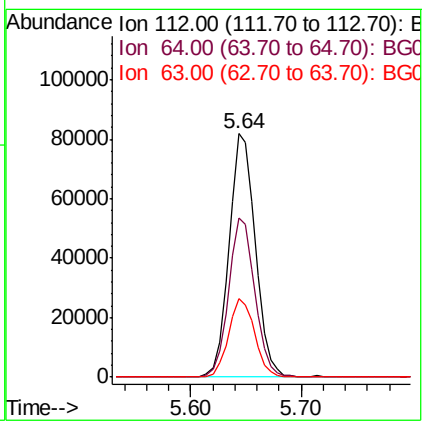


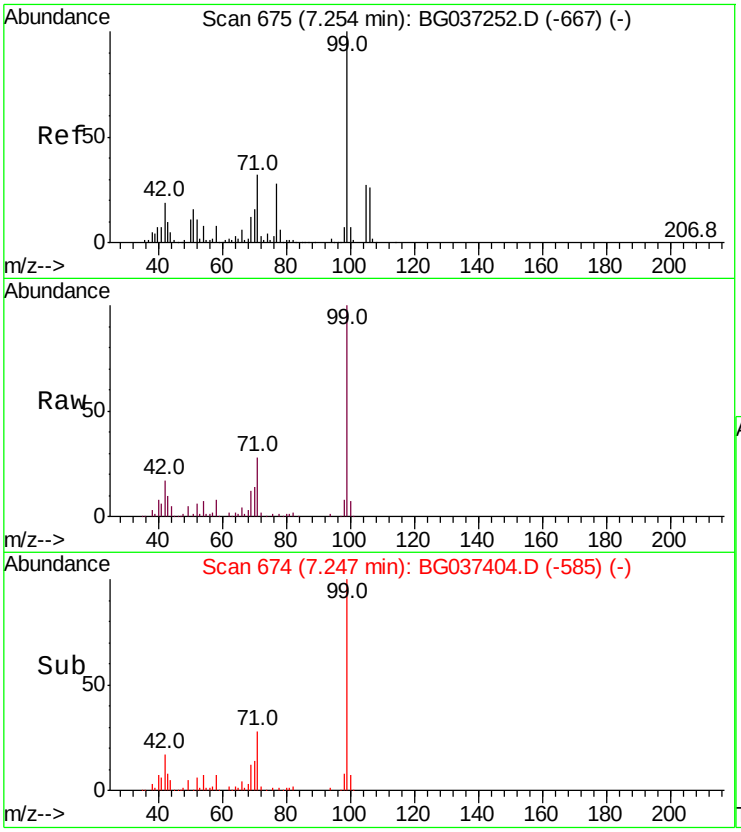


#5
2-Fluorophenol
Concen: 40.134 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion:112 Resp: 136401

Ion	Ratio	Lower	Upper
112	100		
64	65.4	53.1	79.7
63	32.1	27.3	40.9



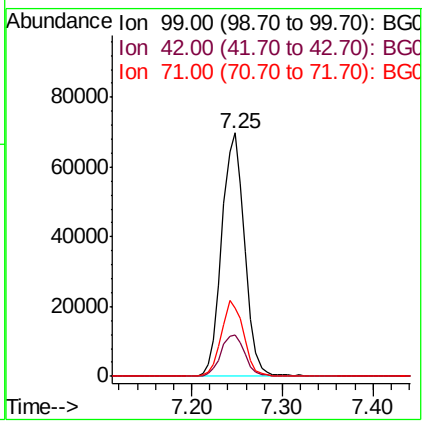


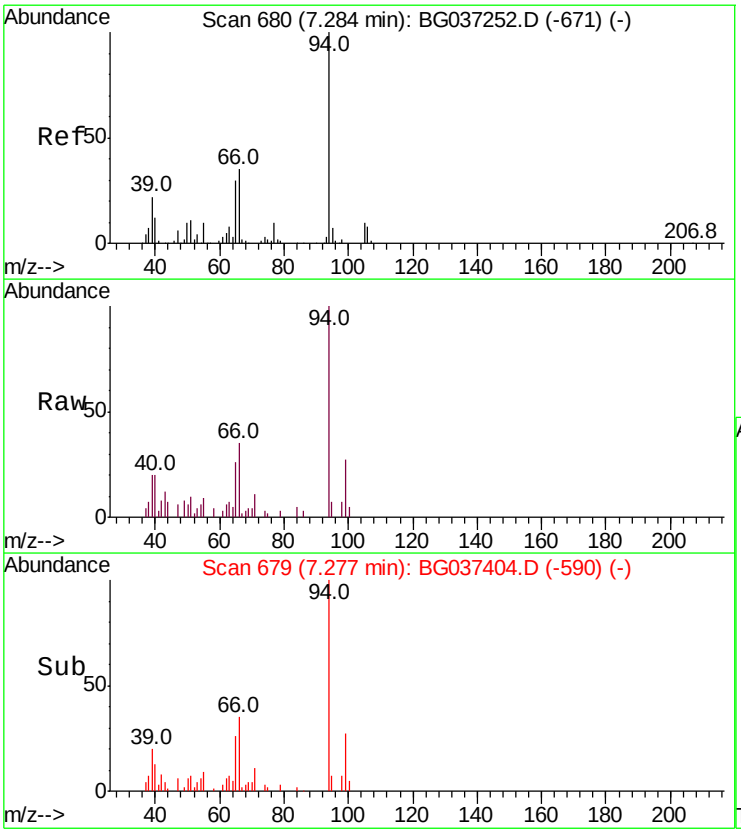
#7
Phenol-d6
Concen: 23.650 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.01 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-S

Tgt Ion: 99 Resp: 122002

Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.0	22.4
71	28.2	25.5	38.3

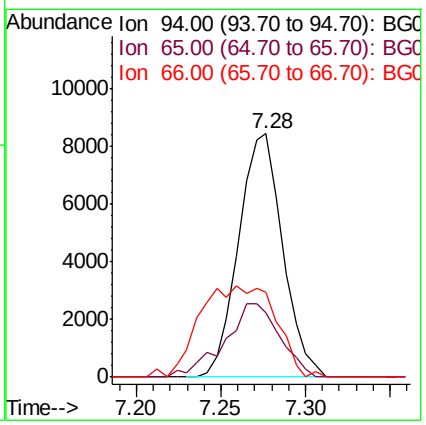


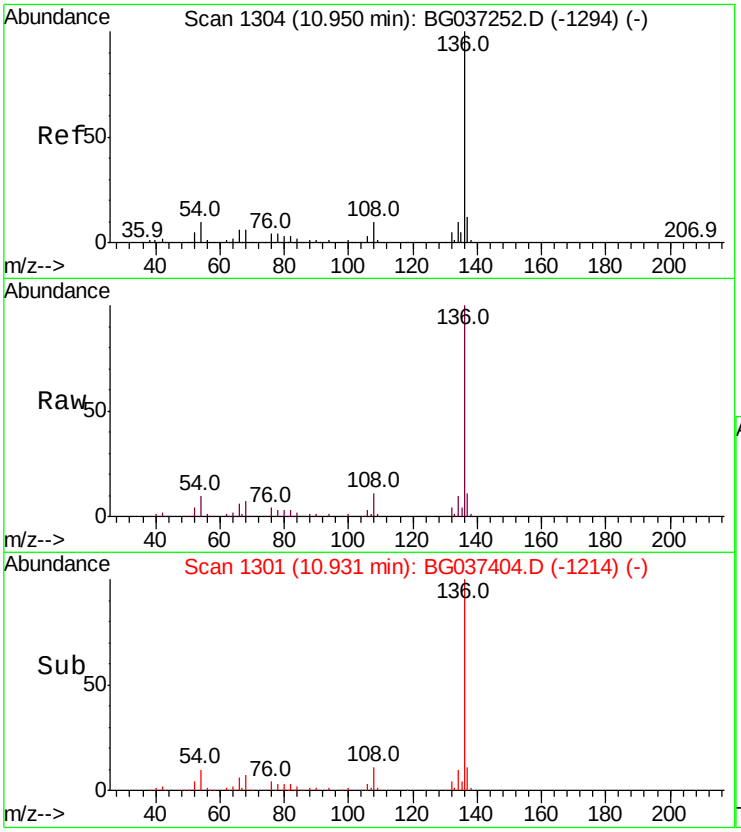


#10
Phenol
Concen: 2.818 ng
RT: 7.28 min Scan# 679
Delta R.T. -0.01 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion: 94 Resp: 15310

Ion	Ratio	Lower	Upper
94	100		
65	26.3	9.7	49.7
66	35.1	15.9	55.9



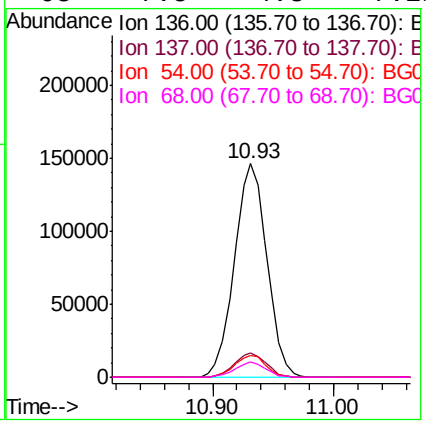


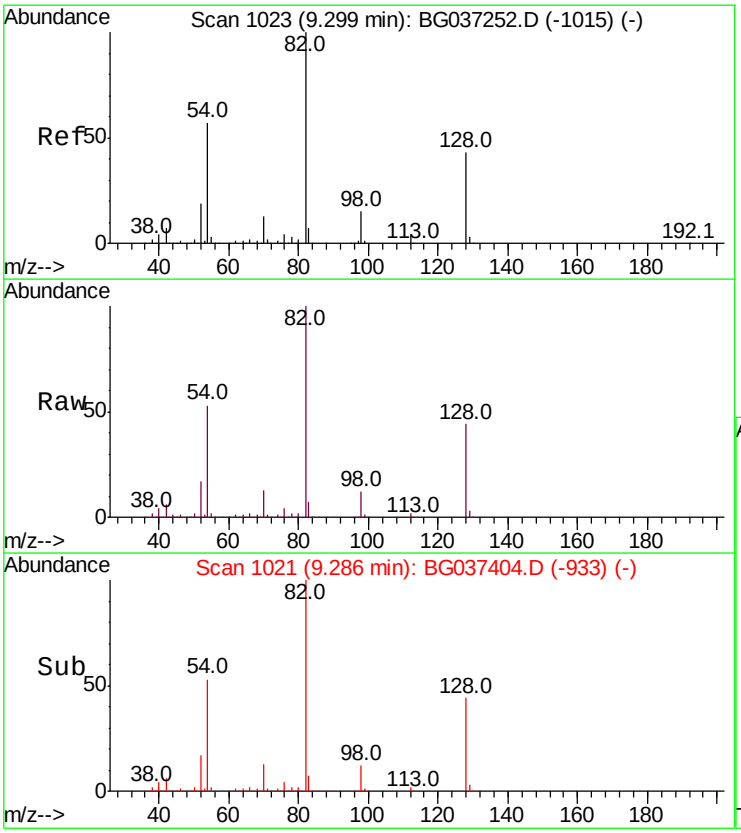
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-S

Tgt Ion:136 Resp: 273723

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.3	7.9	11.9
68	7.5	4.8	7.2#

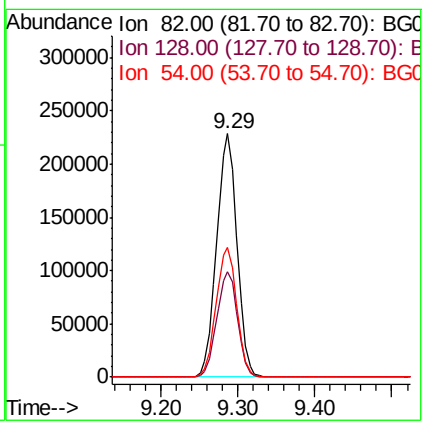


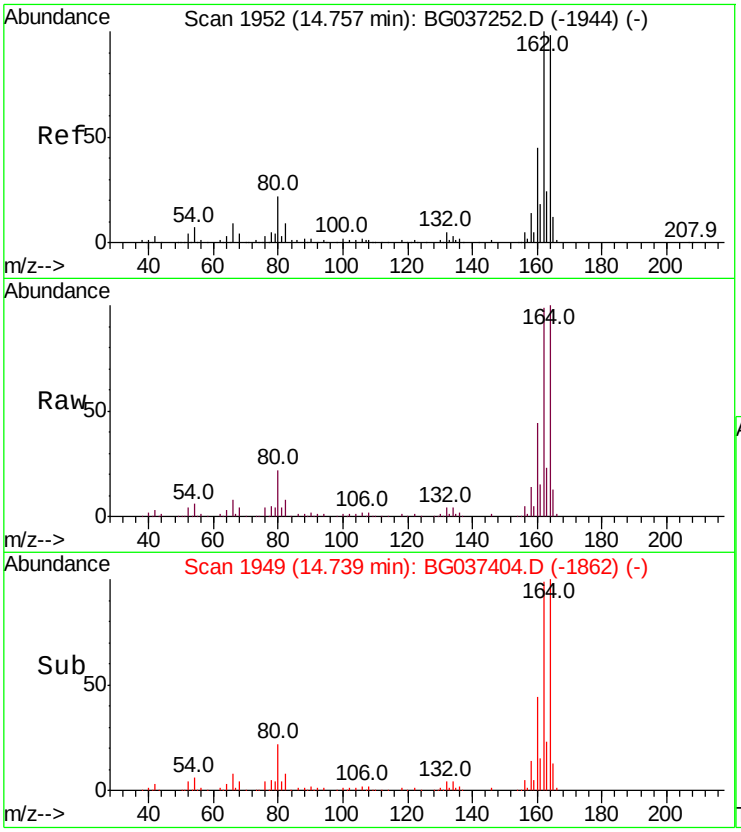


#23
Nitrobenzene-d5
Concen: 99.999 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion: 82 Resp: 416338

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	53.3	45.3	67.9



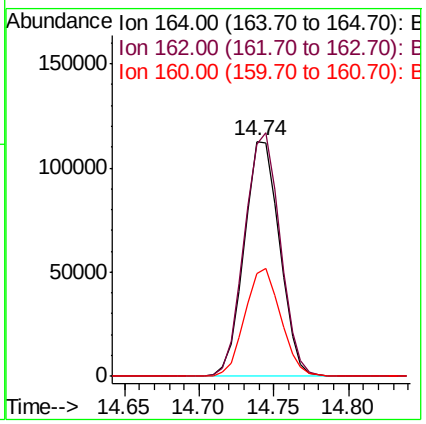


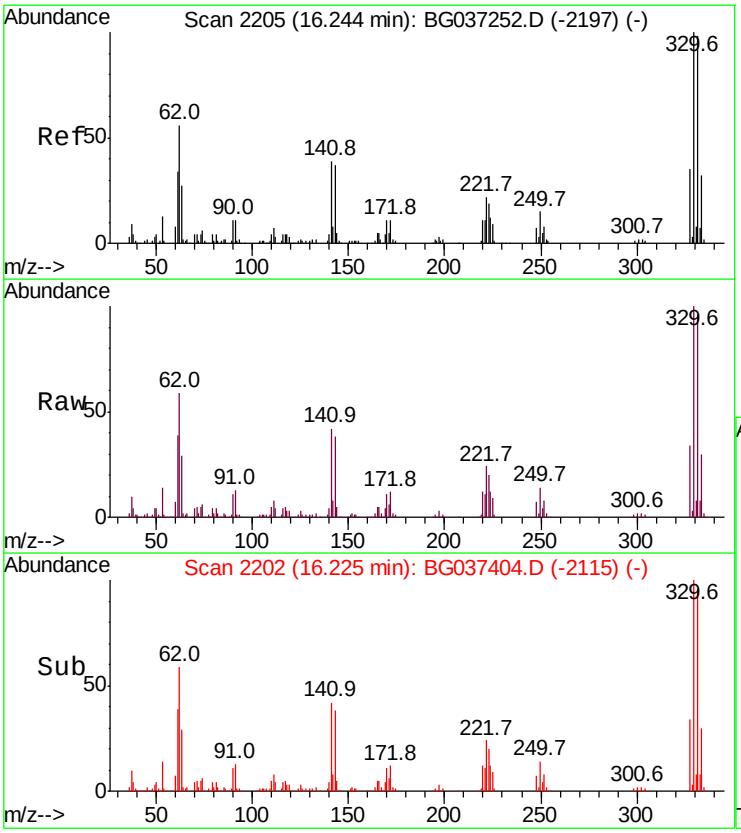
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-S

Tgt Ion:164 Resp: 184513

Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.3	121.9
160	43.8	36.3	54.5

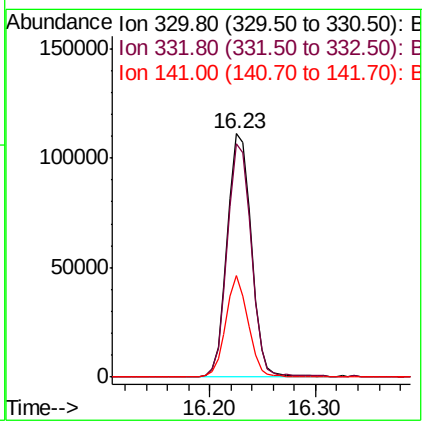


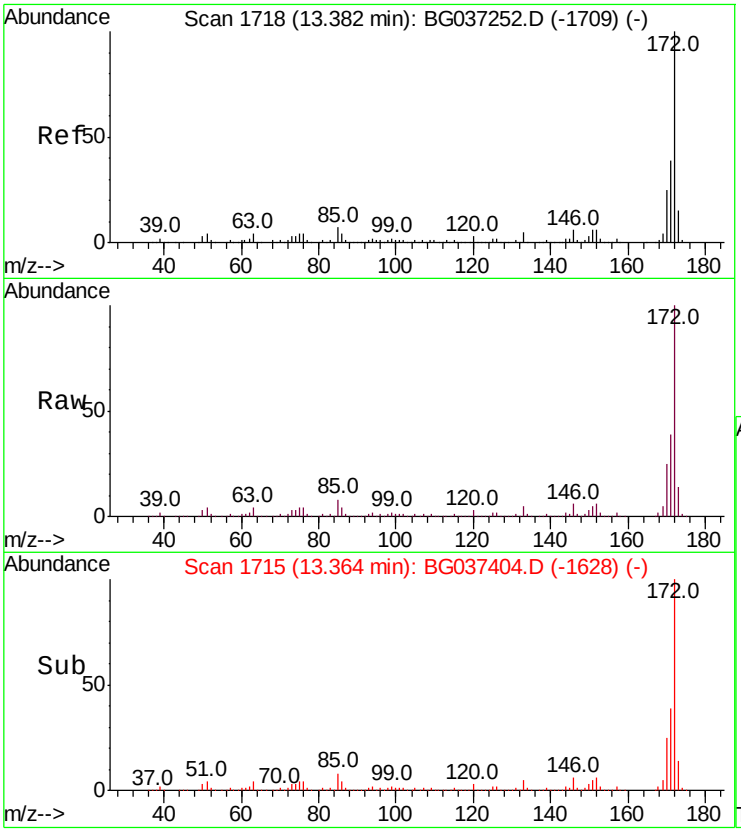


#42
2,4,6-Tribromophenol
Concen: 96.581 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion:330 Resp: 174768

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	38.5	32.2	48.2



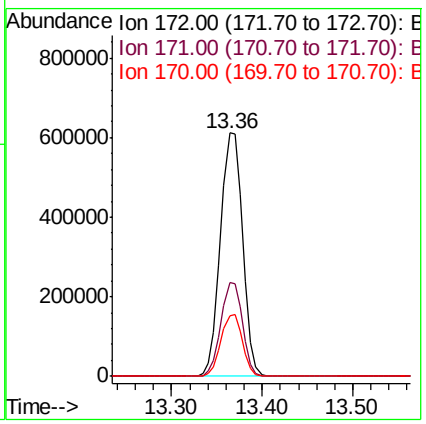


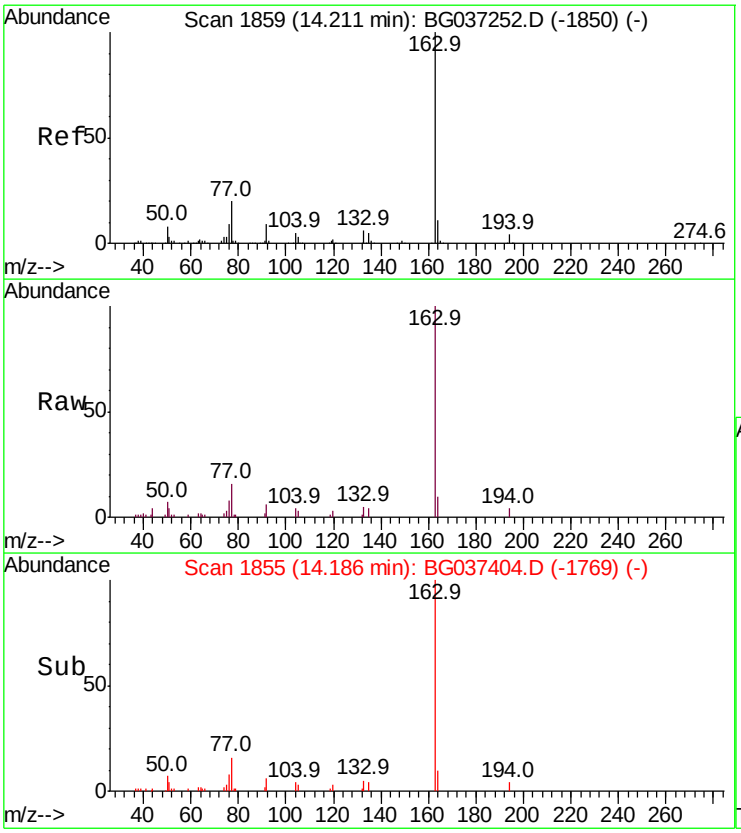
#45
2-Fluorobiphenyl
Concen: 84.824 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-S

Tgt Ion:172 Resp: 1042177

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.0	20.2	30.2

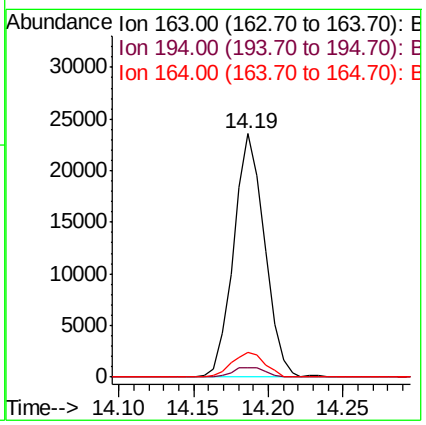


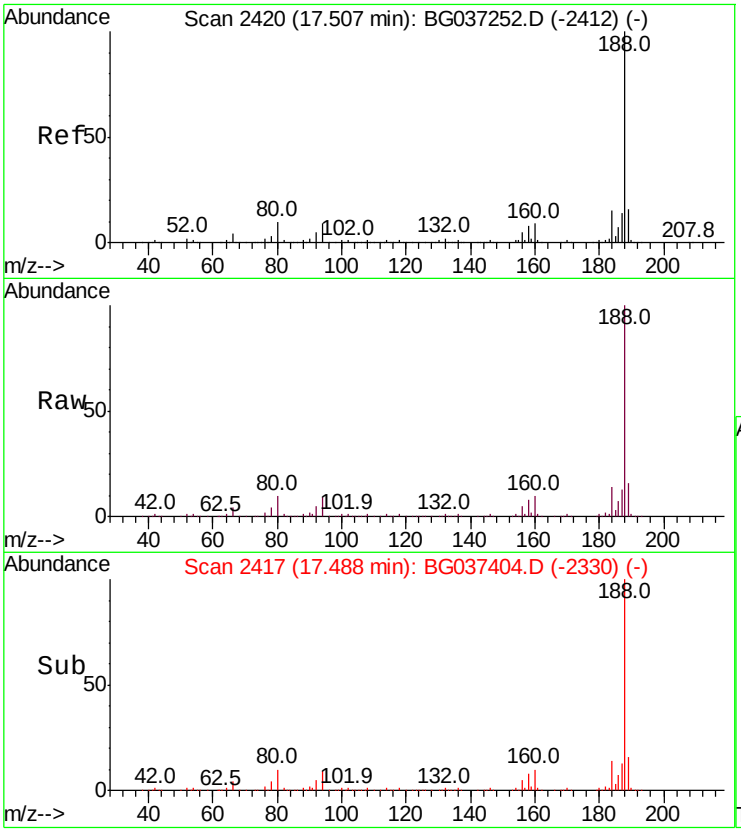


#50
Dimethylphthalate
Concen: 2.338 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion:163 Resp: 33897

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	10.3	8.5	12.7



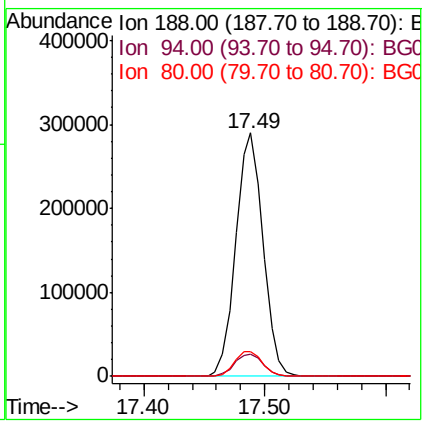


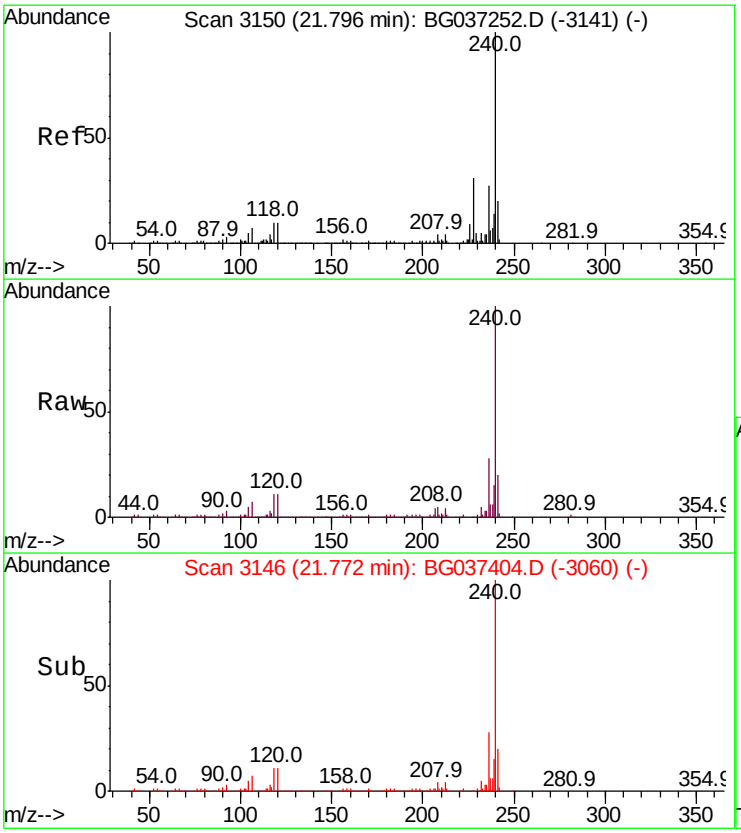
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-S

Tgt Ion:188 Resp: 456117

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.1	7.7	11.5

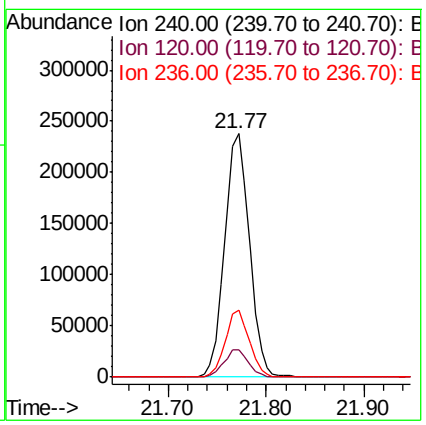


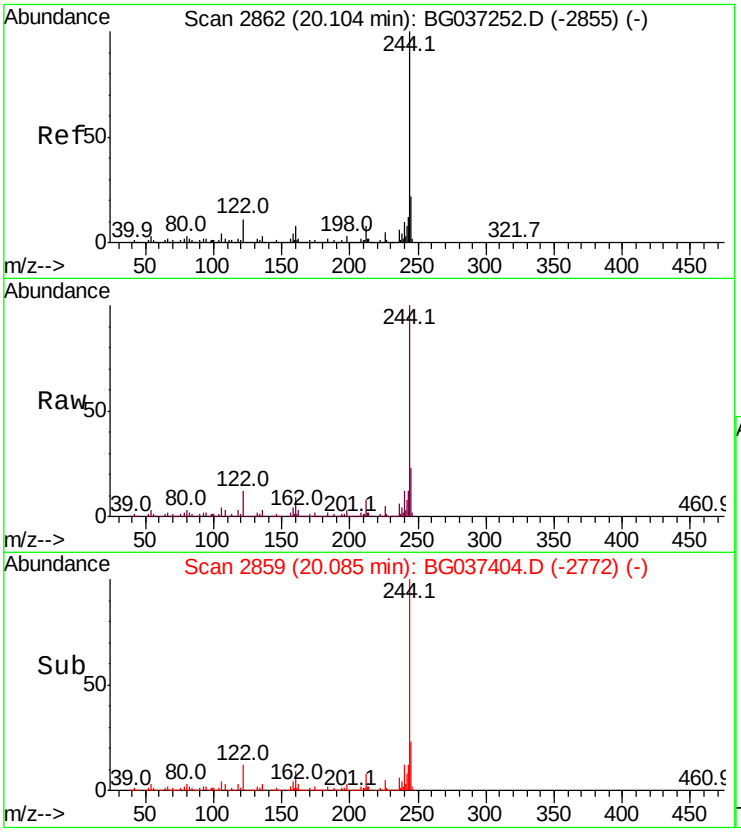


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion:240 Resp: 421357

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	27.7	21.4	32.0



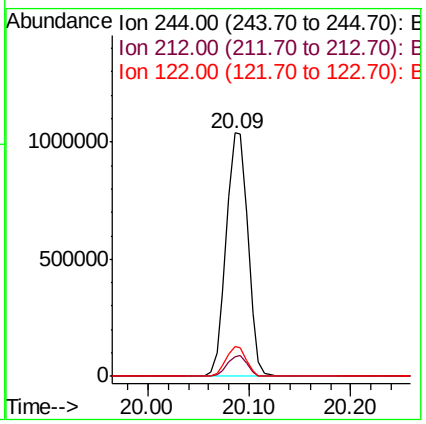


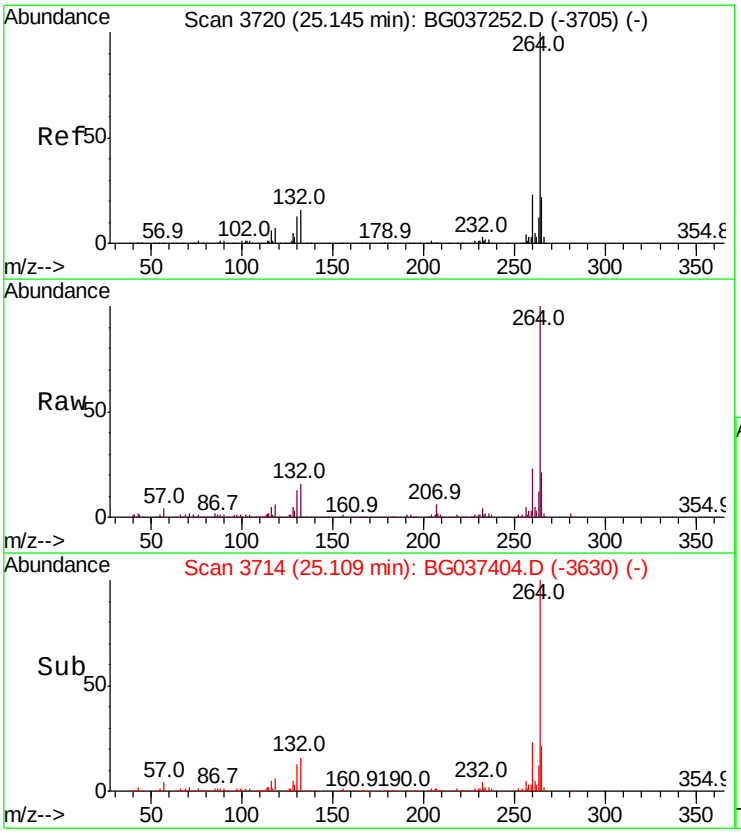
#79
Terphenyl-d14
Concen: 77.050 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-S

Tgt Ion:244 Resp: 1546172

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	12.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.04 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion:264 Resp: 421810

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.2	17.9	26.9