Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037553.D
Acq On : 25 Oct 2018 20:16
Operator : JU/SJ
Sample : J5639-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 26 08:06:08 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	54748	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	244719	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	166635	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	386496	20.00	ng		0.00
76) Chrysene-d12	21.76	240	346871	20.00	ng		-0.01
87) Perylene-d12	25.10	264	357945	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	489711	149.54	ng		0.00
7) Phenol-d6	7.25	99	713875	144.17	ng		0.00
23) Nitrobenzene-d5	9.28	82	414703	94.93	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	259003	142.51	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	850451	76.96	ng		0.00
79) Terphenyl-d14	20.08	244	1185819	73.05	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	73840	14.133	ng		95
19) n-Nitroso-di-n-propylamine	9.28	70	52370	15.359	ng	#	72
50) Dimethylphthalate	14.18	163	174197	13.513	ng		99
57) 2,4-Dinitrotoluene	14.73	165	21733	5.806	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.22	198	611	8.755	ng		97
67) 4-Bromophenyl-phenylether	16.22	248	18632	4.390	ng	#	1
75) Fluoranthene	19.53	202	59807	2.684	ng		96
78) Pyrene	19.53	202	59807	2.638	ng		97

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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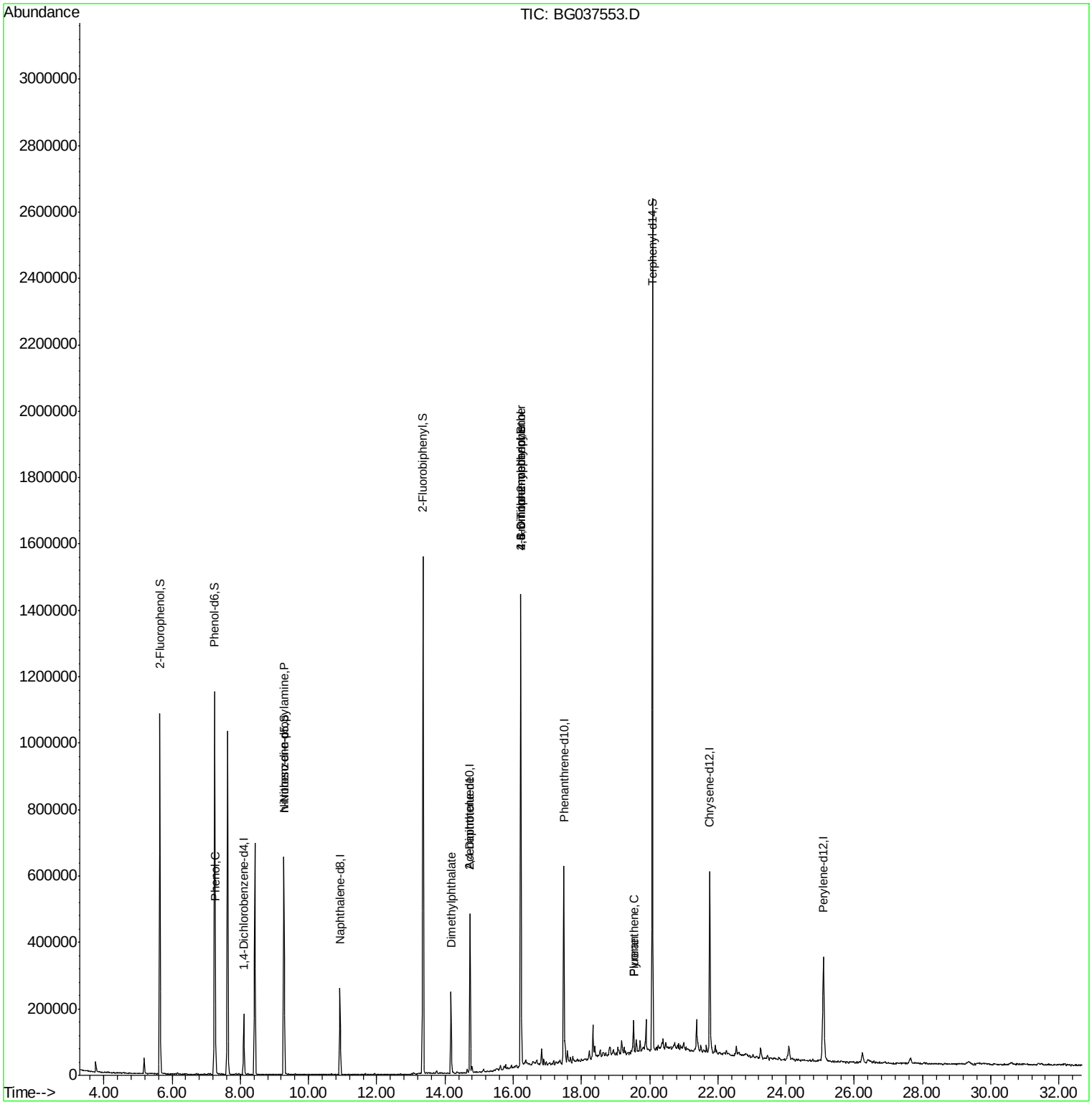
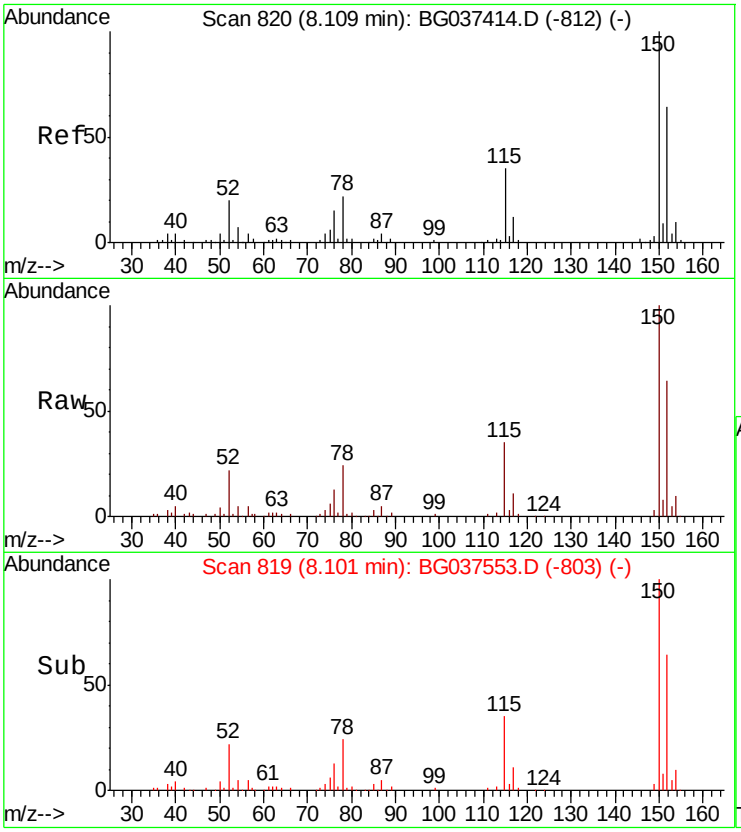


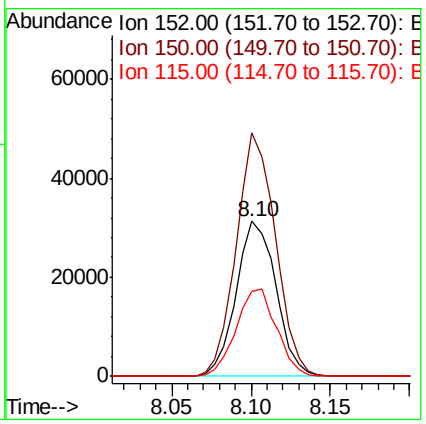


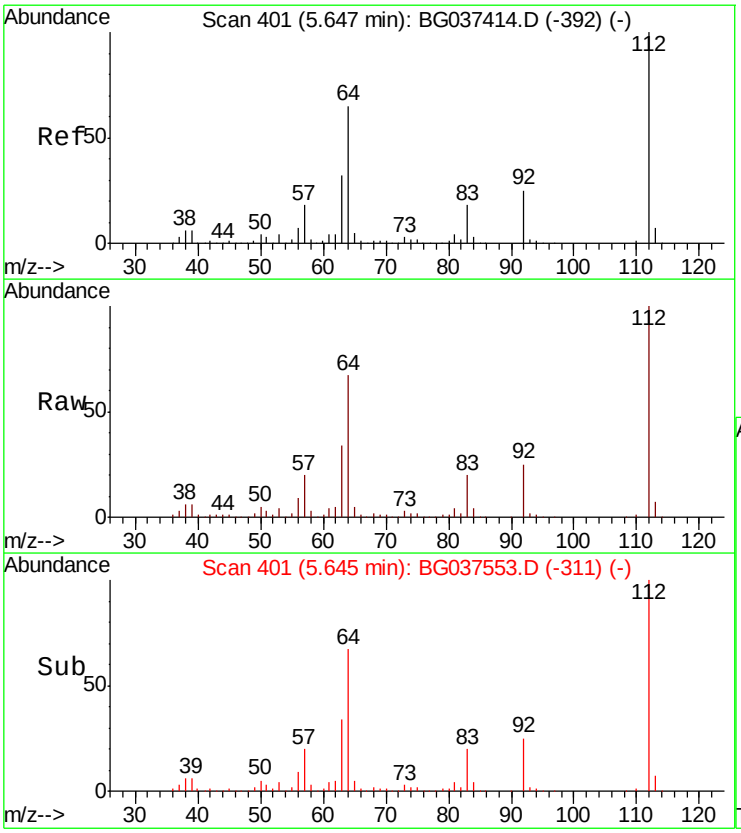
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 54748

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.0	189.0
115	55.0	45.5	68.3

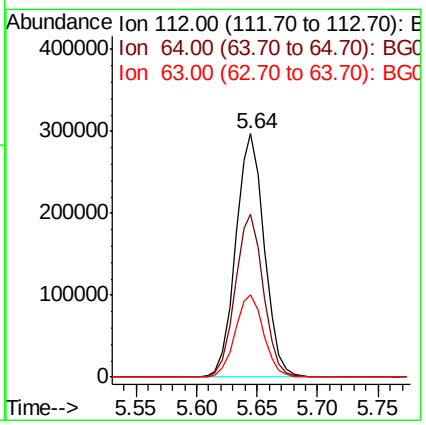


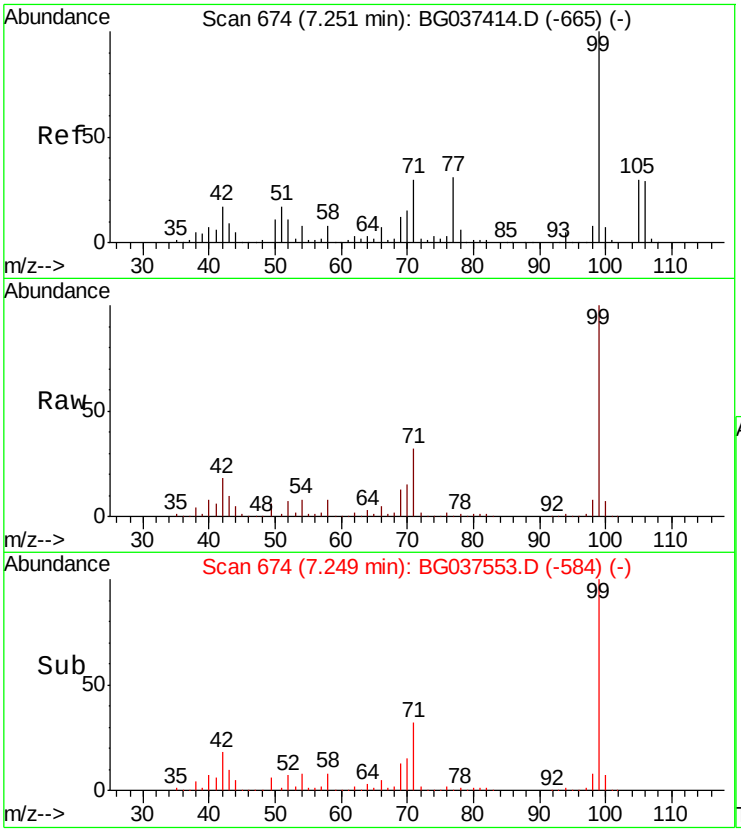


#5
2-Fluorophenol
Concen: 149.544 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Tgt Ion:112 Resp: 489711

Ion	Ratio	Lower	Upper
112	100		
64	66.9	53.1	79.7
63	33.6	27.3	40.9



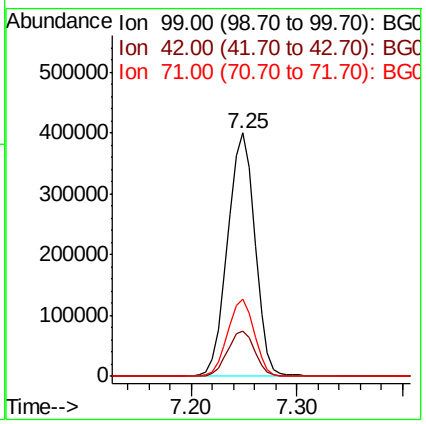


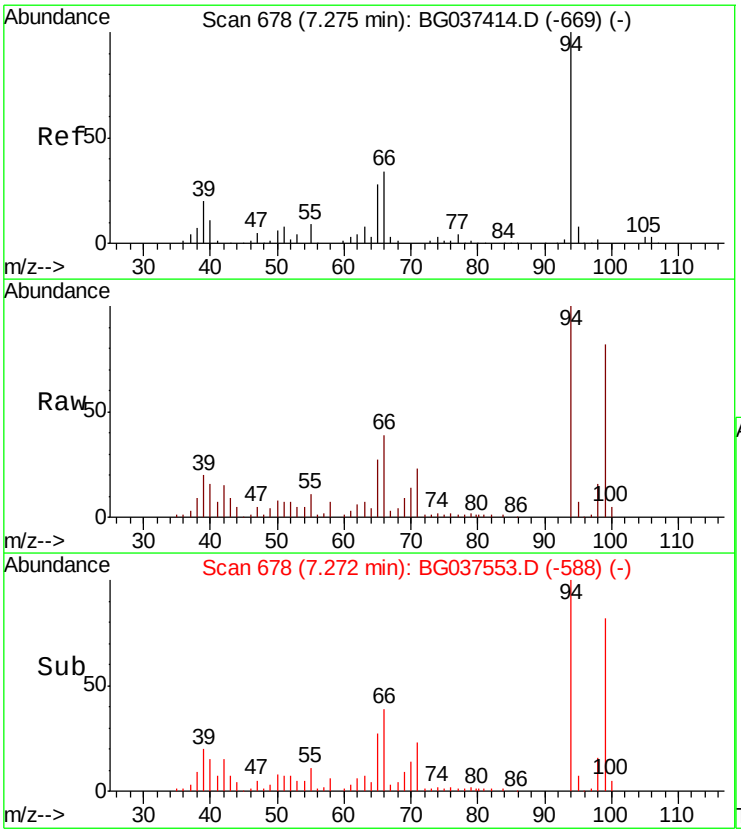
#7
Phenol-d6
Concen: 144.167 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 713875

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	31.8	25.5	38.3

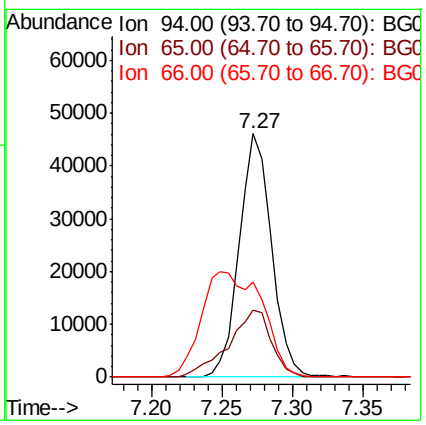


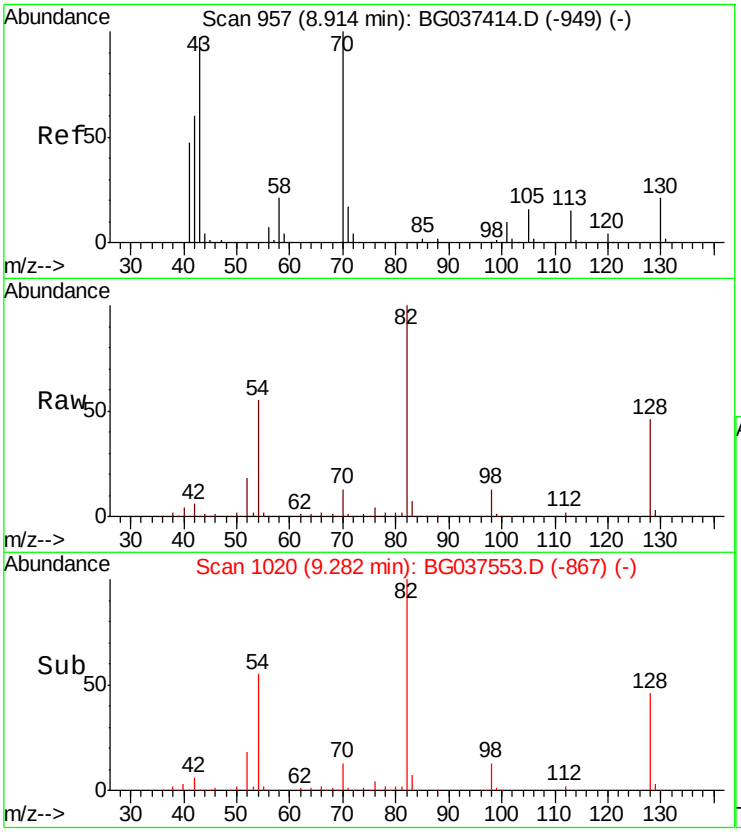


#10
Phenol
Concen: 14.133 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Tgt Ion: 94 Resp: 73840

Ion	Ratio	Lower	Upper
94	100		
65	27.3	9.7	49.7
66	39.2	15.9	55.9



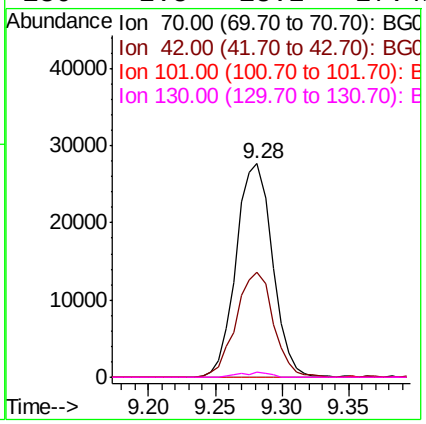


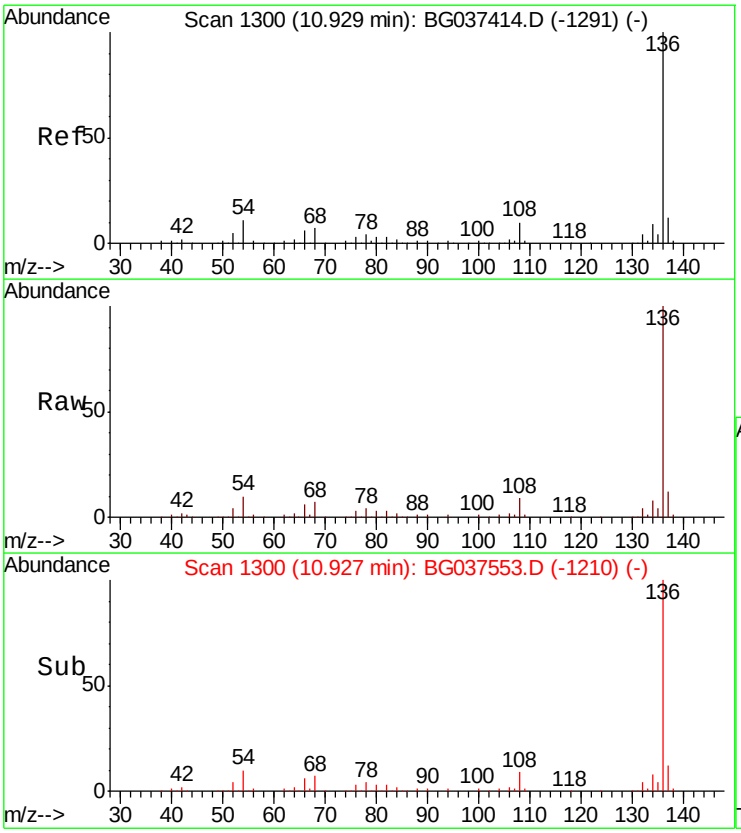
#19
n-Nitroso-di-n-propylamine
Concen: 15.359 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 52370

Ion	Ratio	Lower	Upper
70	100		
42	49.0	53.9	80.9#
101	0.0	8.2	12.2#
130	2.5	18.2	27.4#

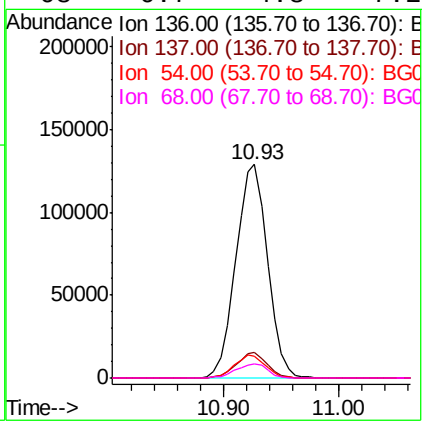


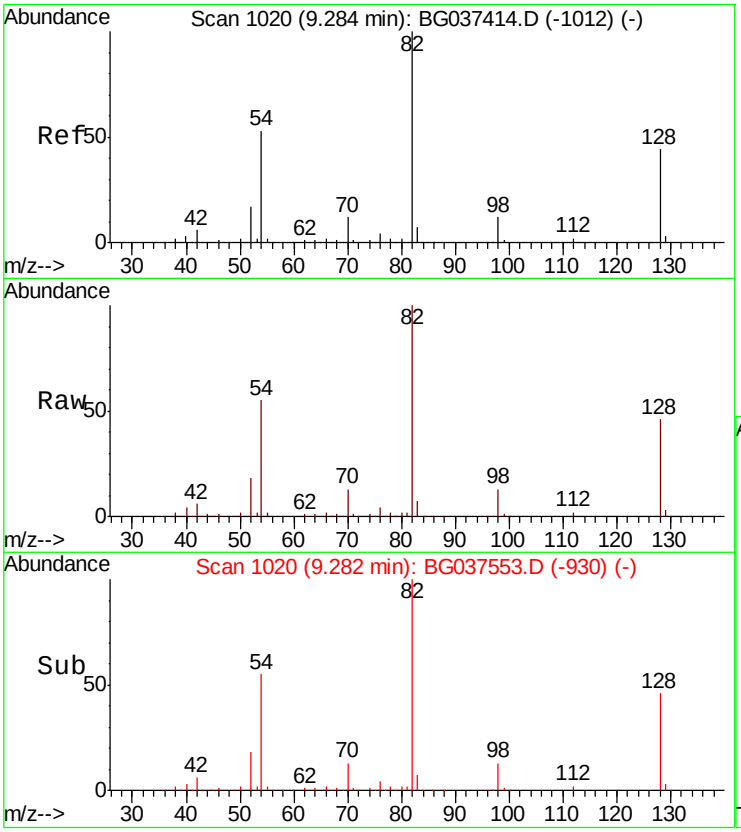


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Tgt Ion:136 Resp: 244719

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.3	7.9	11.9
68	6.7	4.8	7.2



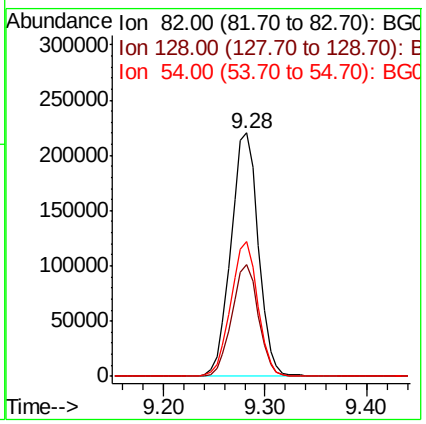


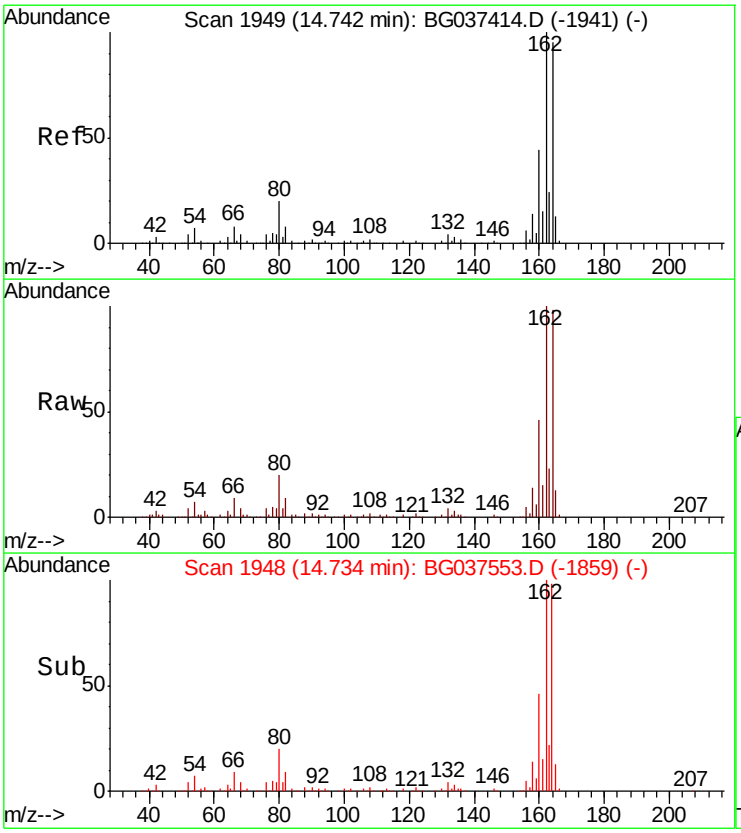
#23
Nitrobenzene-d5
Concen: 94.930 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 414703

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	51.8
54	55.5	45.3	67.9

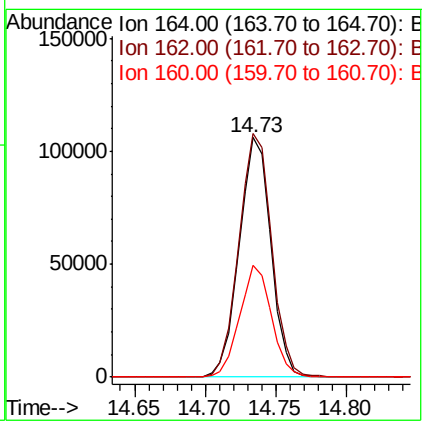


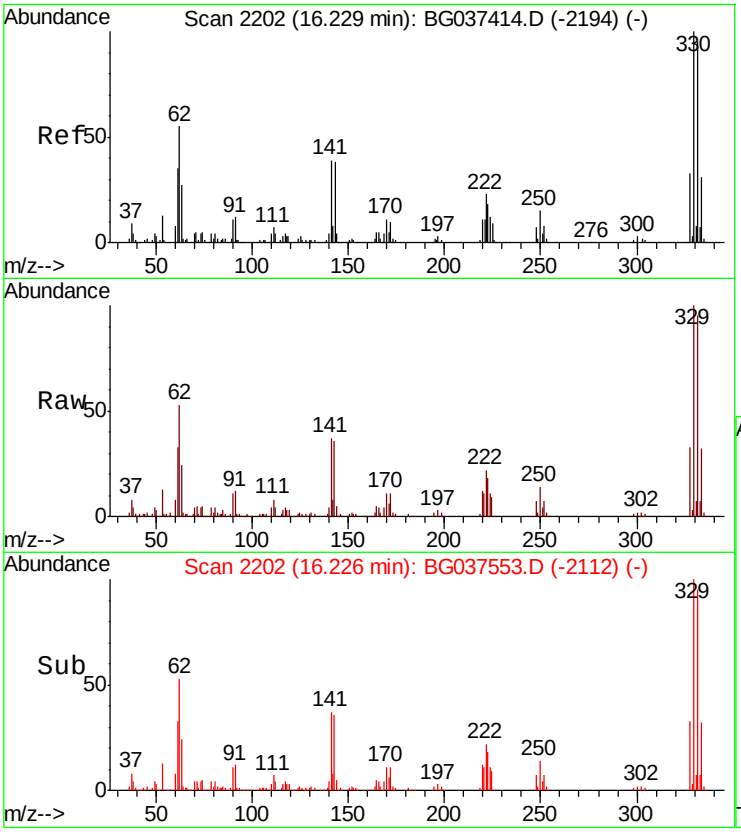


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Tgt Ion:164 Resp: 166635

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.3	121.9
160	46.5	36.3	54.5



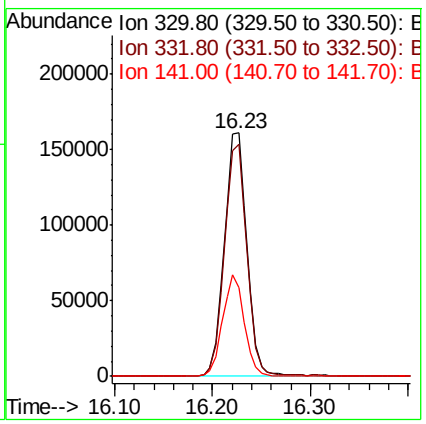


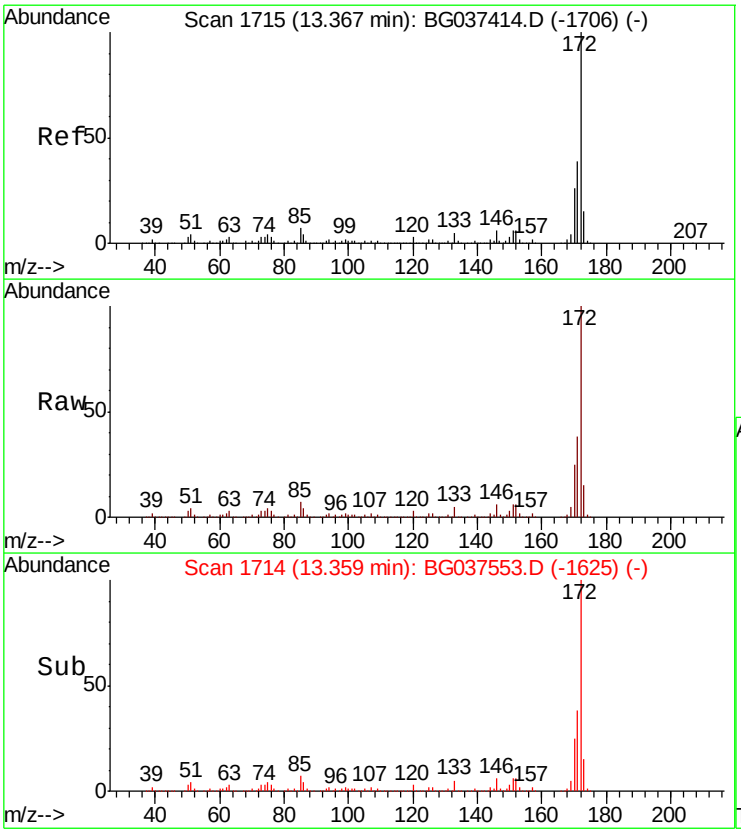
#42
2,4,6-Tribromophenol
Concen: 142.507 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 259003

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	40.1	32.2	48.2

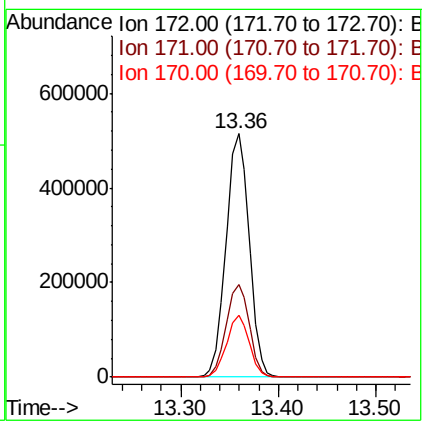


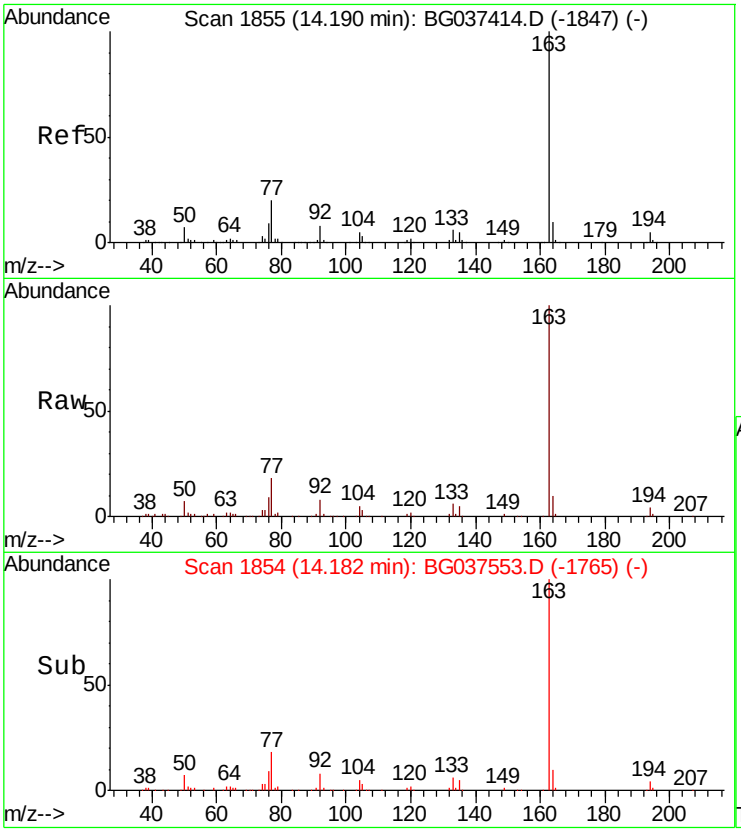


#45
2-Fluorobiphenyl
Concen: 76.961 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Tgt Ion:172 Resp: 850451

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.5	20.2	30.2



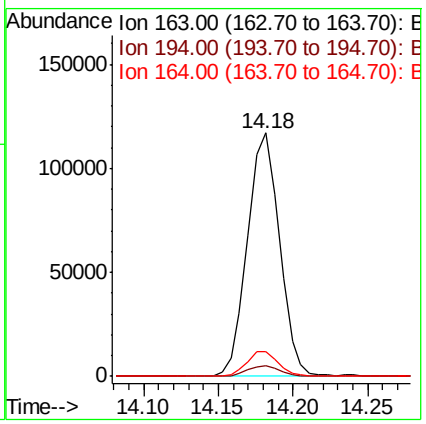


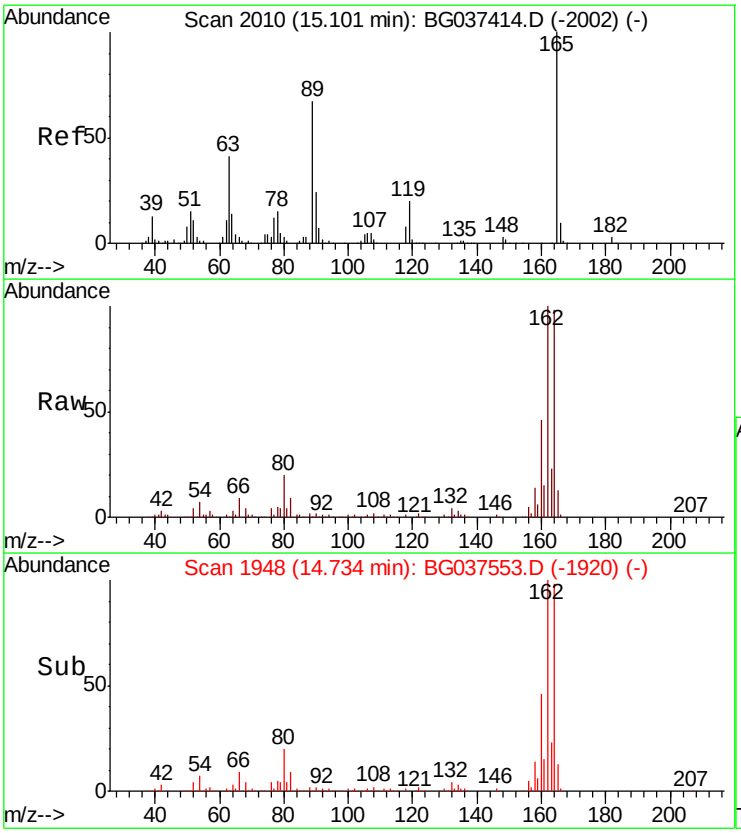
#50
Dimethylphthalate
Concen: 13.513 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 174197

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.0	8.5	12.7

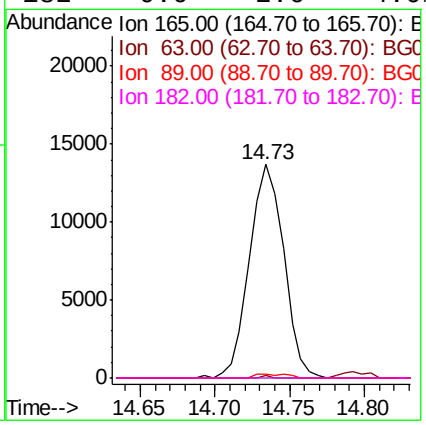


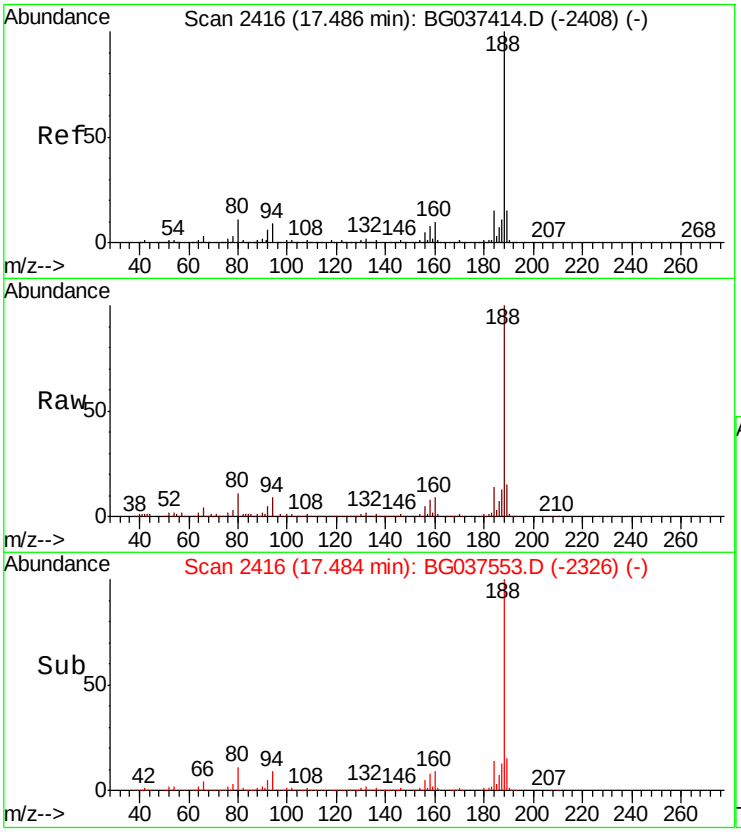


#57
2,4-Dinitrotoluene
Concen: 5.806 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Tgt Ion:165 Resp: 21733

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.4	50.0#
89	1.9	57.2	85.8#
182	0.0	2.6	4.0#



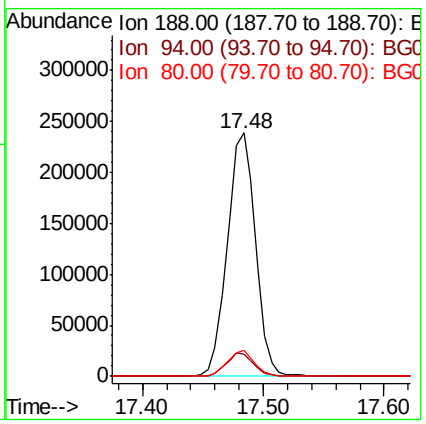


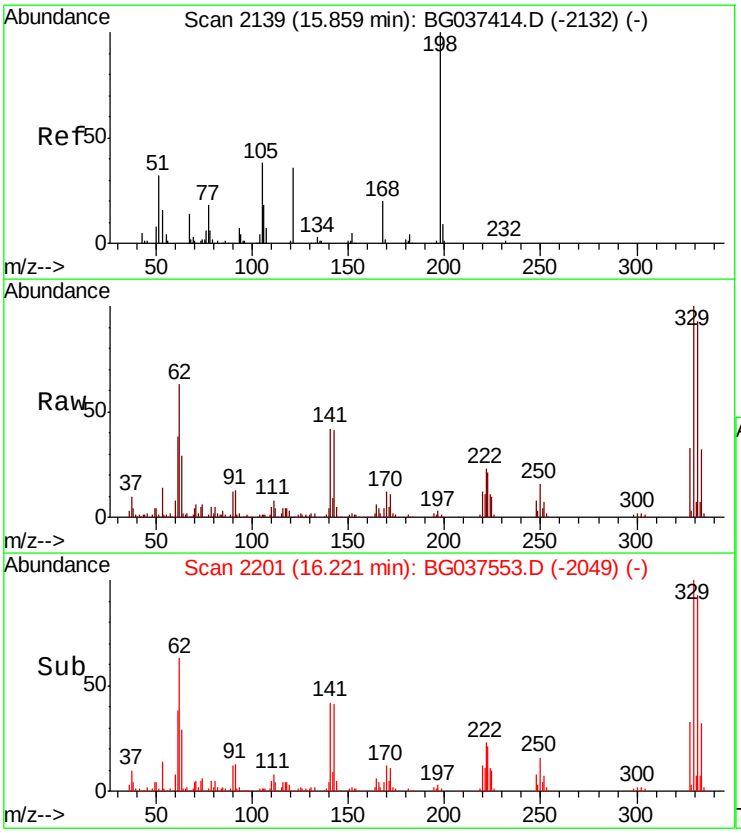
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 386496

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.5	7.7	11.5

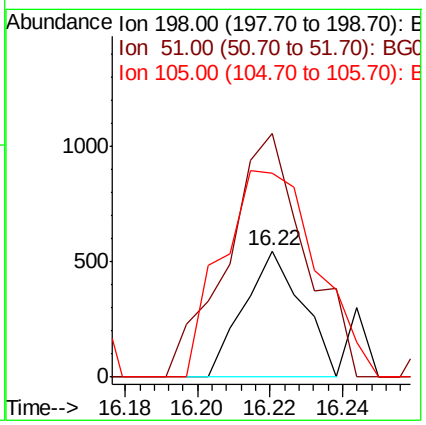


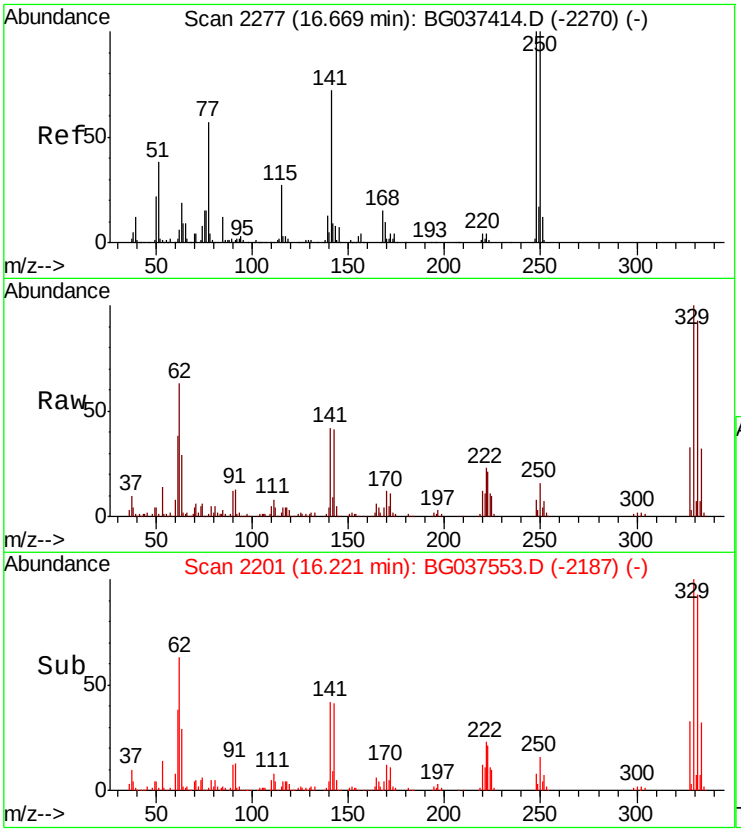


#65
4,6-Dinitro-2-methylphenol
Concen: 8.755 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Tgt Ion:198 Resp: 611

Ion	Ratio	Lower	Upper
198	100		
51	44.4	22.7	62.7
105	37.2	19.7	59.7



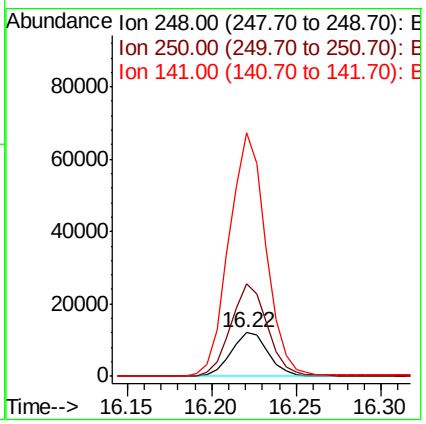


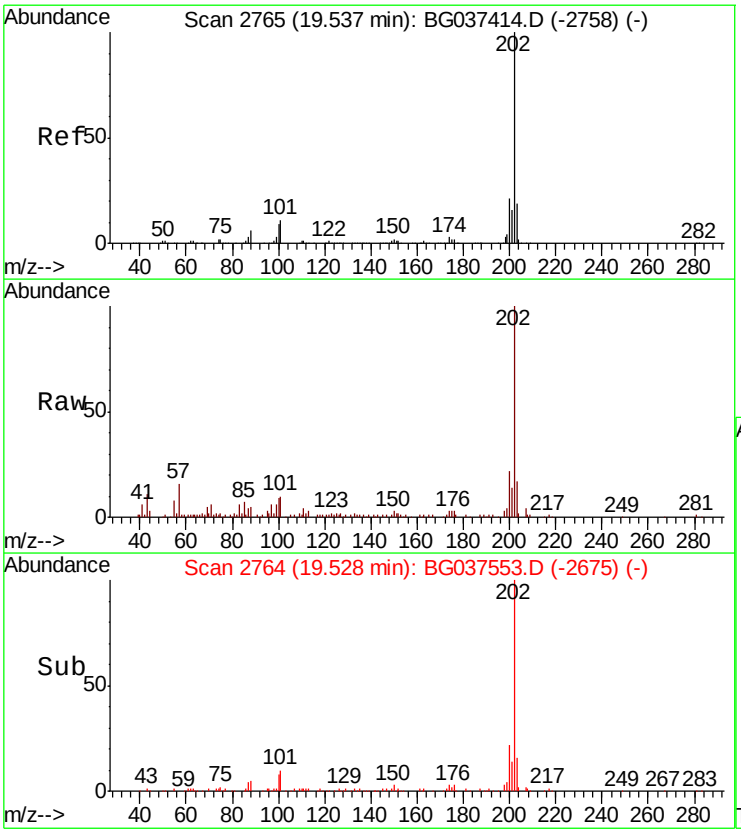
#67
4-Bromophenyl-phenylether
Concen: 4.390 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 18632

Ion	Ratio	Lower	Upper
248	100		
250	201.9	77.0	115.6#
141	415.5	55.5	83.3#

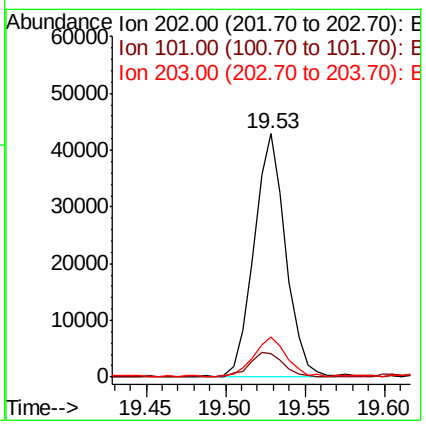


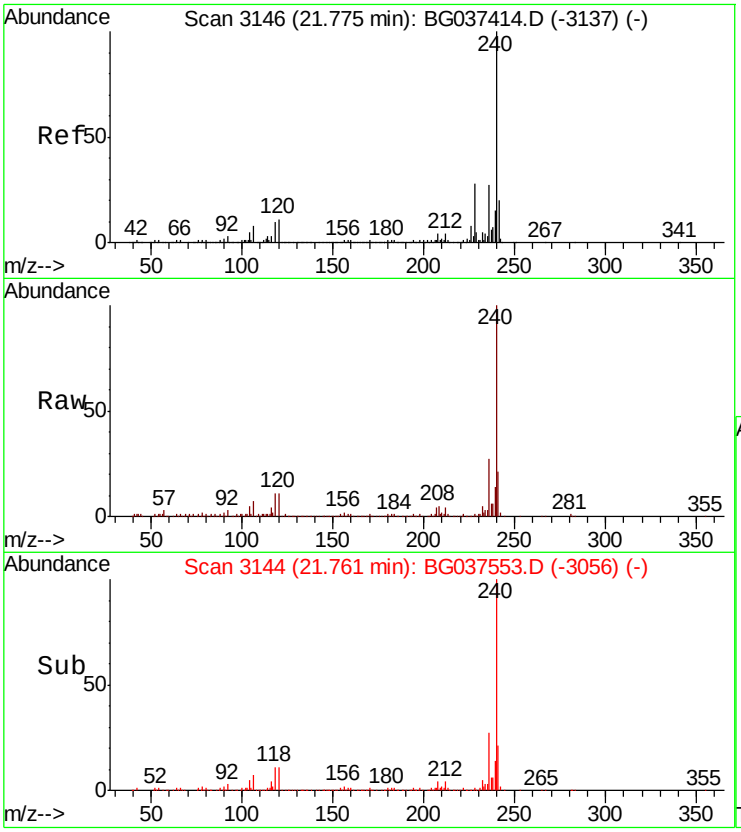


#75
Fluoranthene
Concen: 2.684 ng
RT: 19.53 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Tgt Ion:202 Resp: 59807

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.7
203	16.6	0.0	38.5



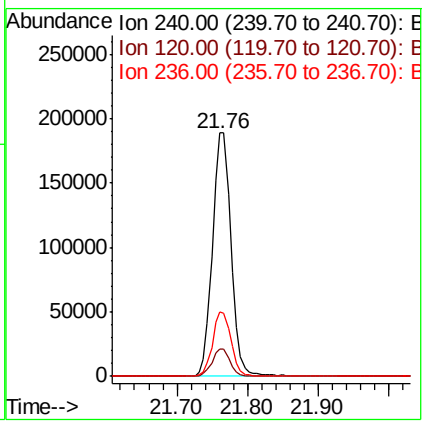


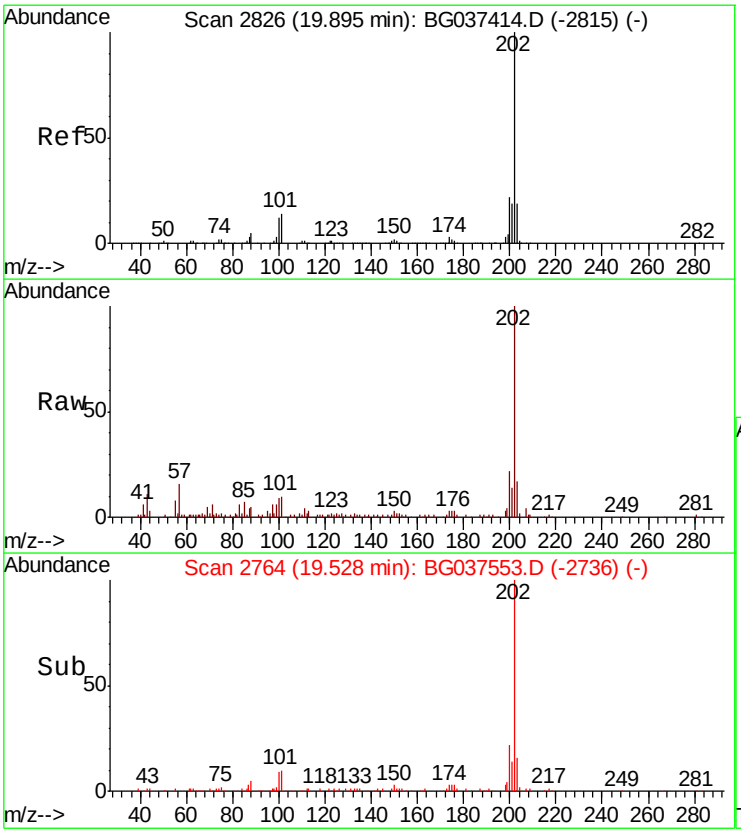
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 346871

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	26.5	21.4	32.0

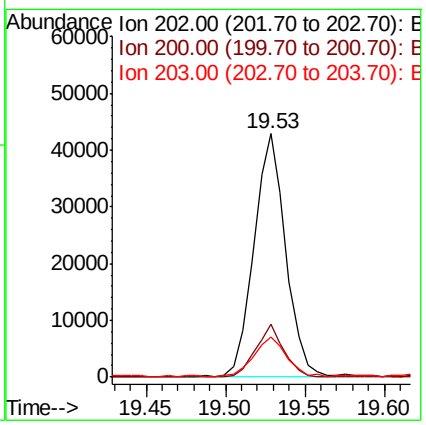


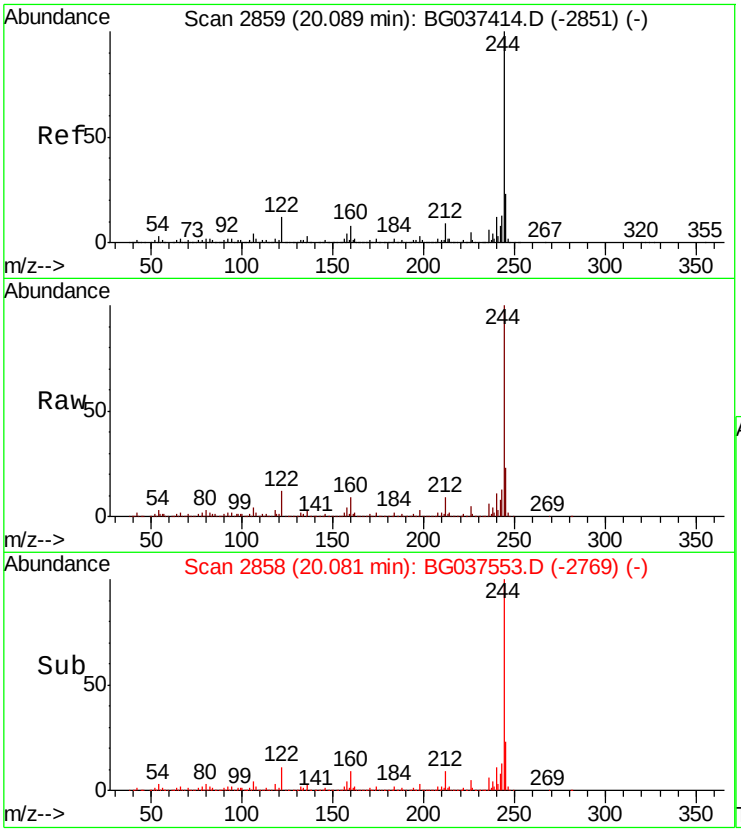


#78
Pyrene
Concen: 2.638 ng
RT: 19.53 min Scan# 2764
Delta R.T. -0.37 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Tgt Ion:202 Resp: 59807

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.6
203	16.6	15.2	22.8



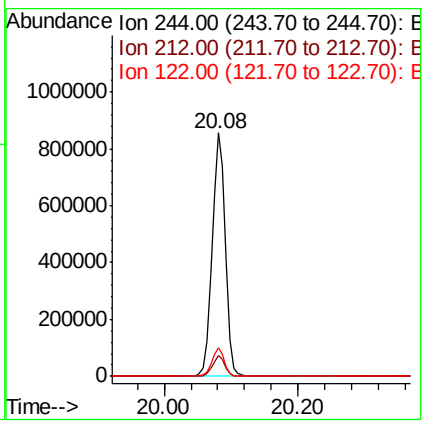


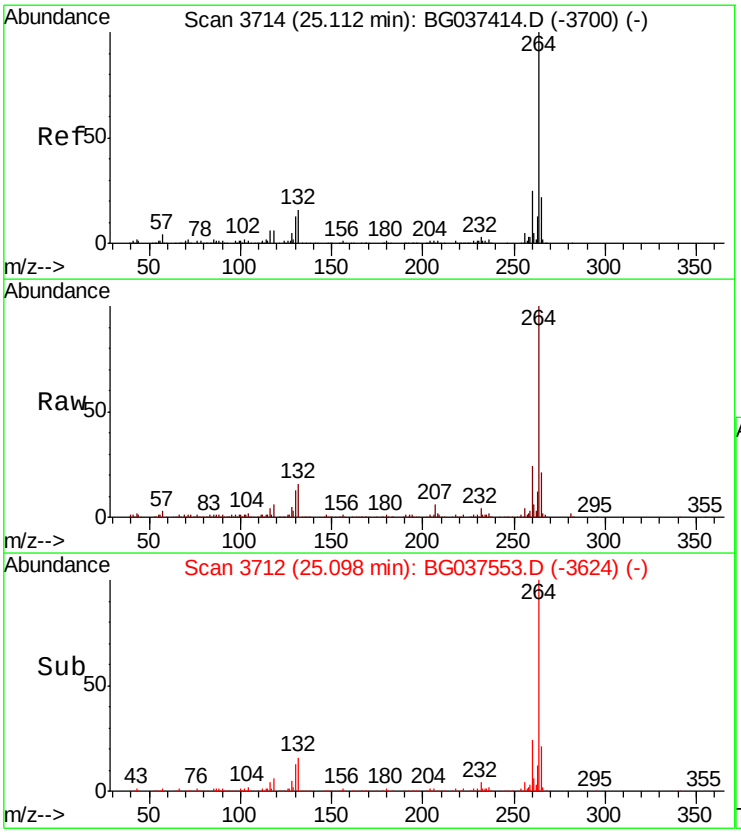
#79
Terphenyl-d14
Concen: 73.048 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037553.D
Acq: 25 Oct 2018 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1185819

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: BG037553.D
Acq: 25 Oct 2018 20:16

Tgt Ion:264 Resp: 357945

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.0	17.9	26.9