Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037552.D
Acq On : 25 Oct 2018 19:37
Operator : JU/SJ
Sample : J5639-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 26 08:05:56 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	56424	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	260611	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	174983	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	389159	20.00	ng		0.00
76) Chrysene-d12	21.76	240	351530	20.00	ng		-0.01
87) Perylene-d12	25.10	264	370588	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	542593	160.77	ng		0.00
7) Phenol-d6	7.25	99	796272	156.03	ng		0.00
23) Nitrobenzene-d5	9.28	82	467829	100.56	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	286259	149.99	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	975012	84.02	ng		0.00
79) Terphenyl-d14	20.08	244	1290472	78.44	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	78626	14.602	ng		97
19) n-Nitroso-di-n-propylamine	9.28	70	59151	16.832	ng	#	74
50) Dimethylphthalate	14.18	163	192041	14.186	ng		98
57) 2,4-Dinitrotoluene	14.74	165	22755	5.789	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.23	198	1069	8.938	ng	#	79
67) 4-Bromophenyl-phenylether	16.22	248	20196	4.726	ng	#	1
71) Phenanthrene	17.53	178	57883	2.927	ng		98
75) Fluoranthene	19.52	202	101486	4.524	ng		98
78) Pyrene	19.89	202	73781	3.211	ng		98

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

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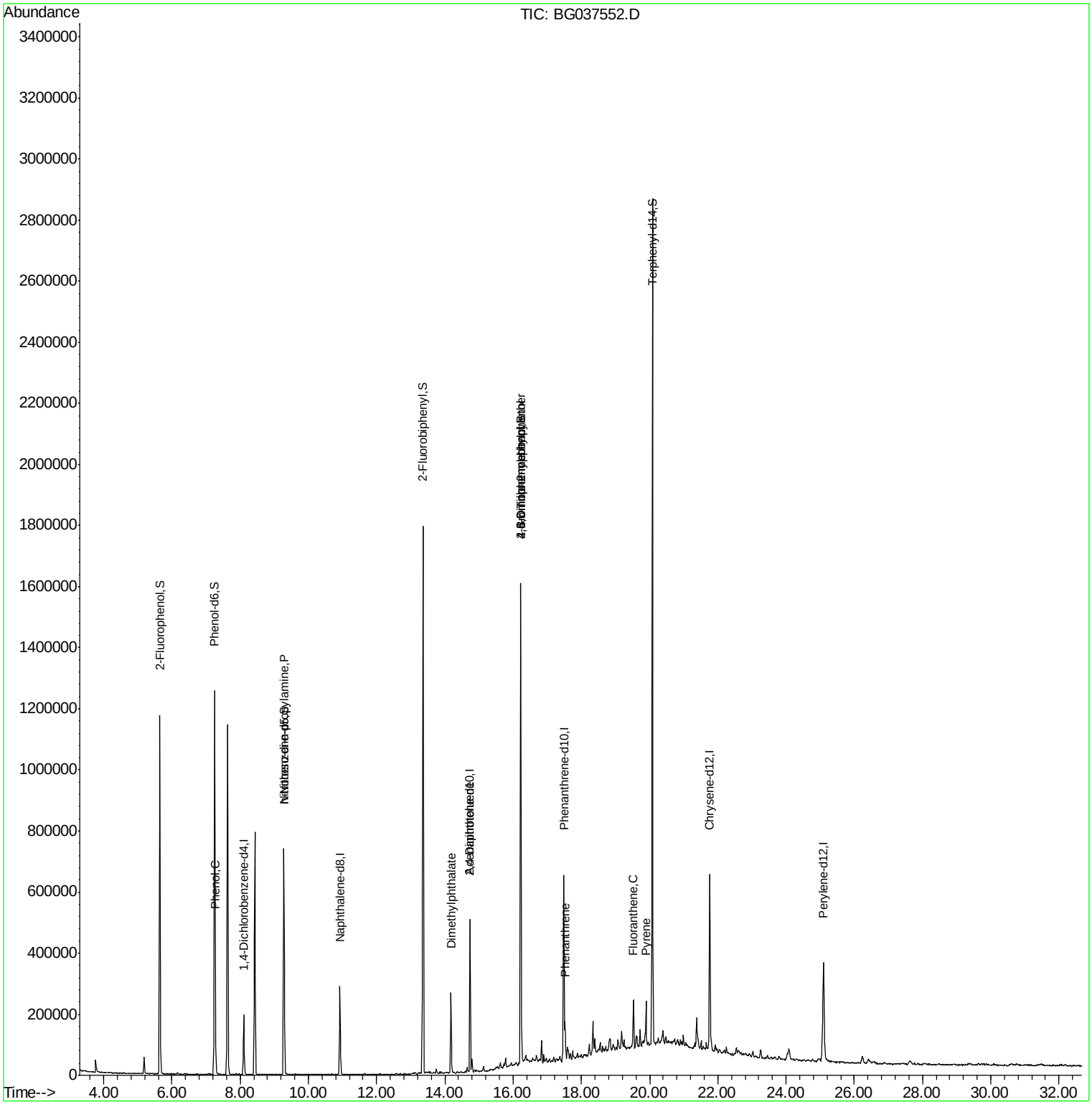
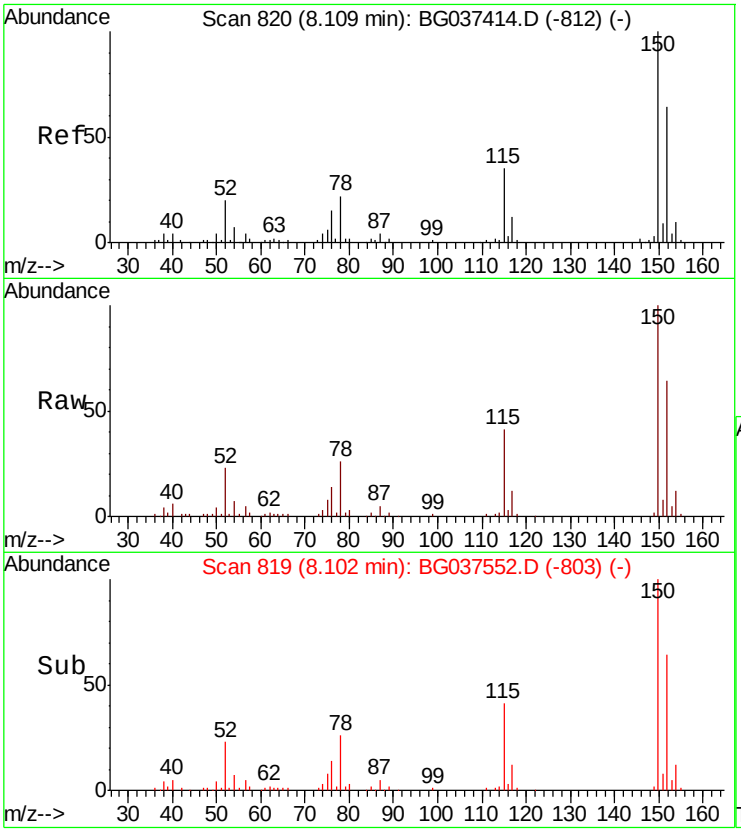


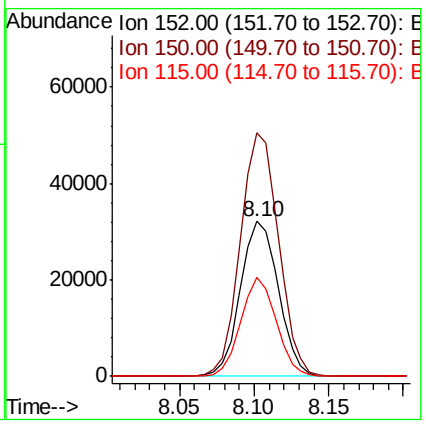


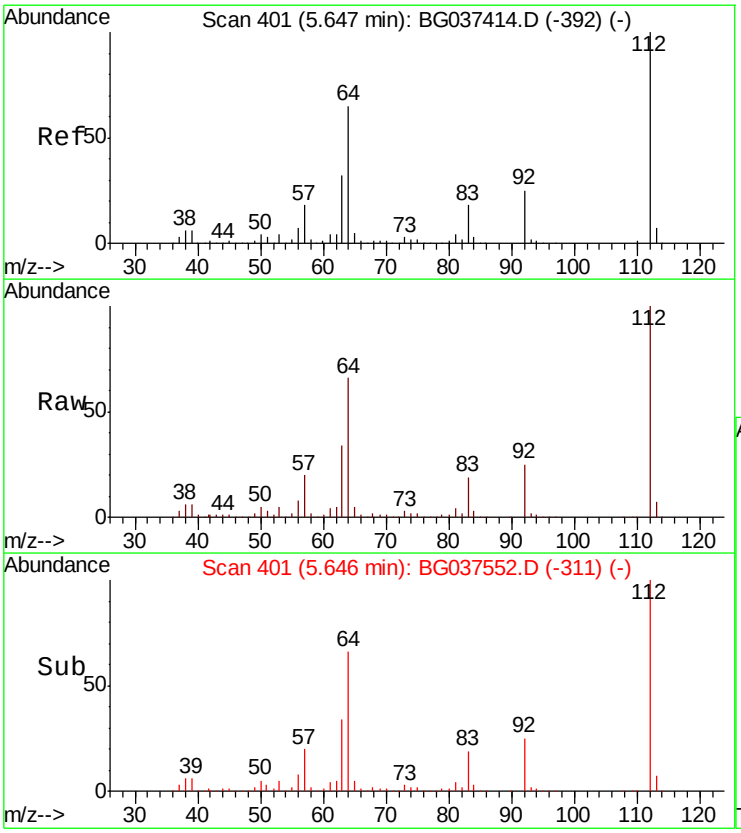
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 56424

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.0	189.0
115	64.3	45.5	68.3

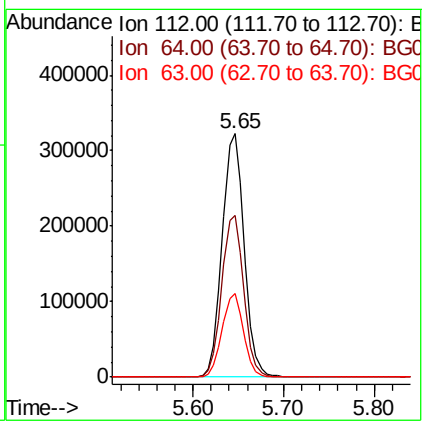


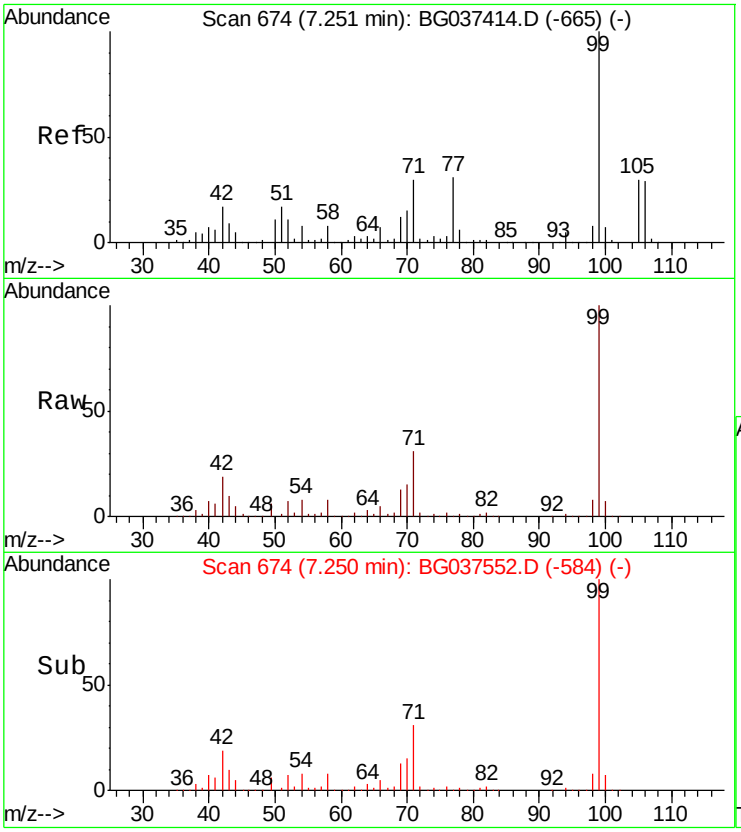


#5
2-Fluorophenol
Concen: 160.771 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion:112 Resp: 542593

Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	34.3	27.3	40.9



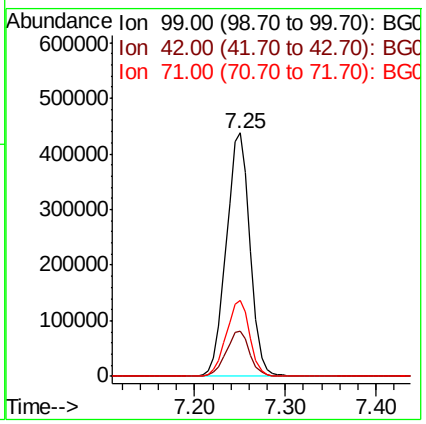


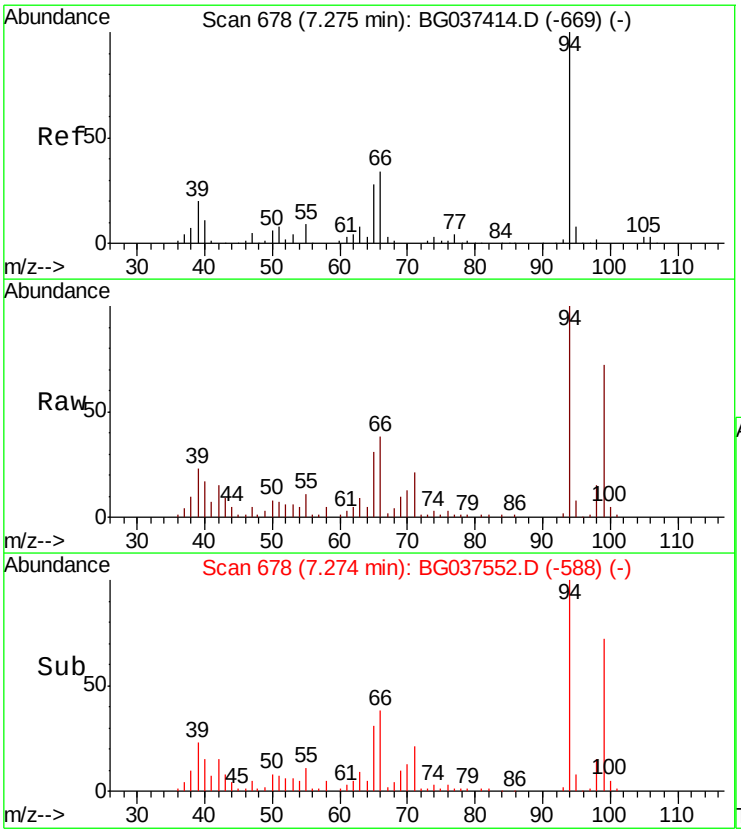
#7
Phenol-d6
Concen: 156.030 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 796272

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	31.4	25.5	38.3

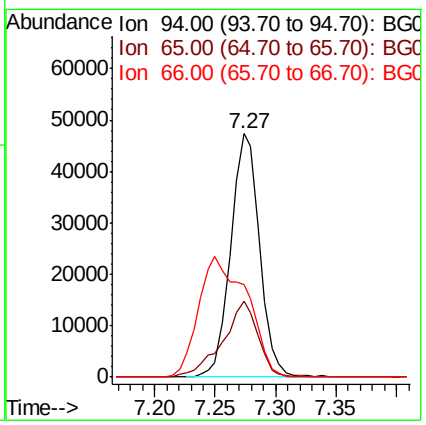


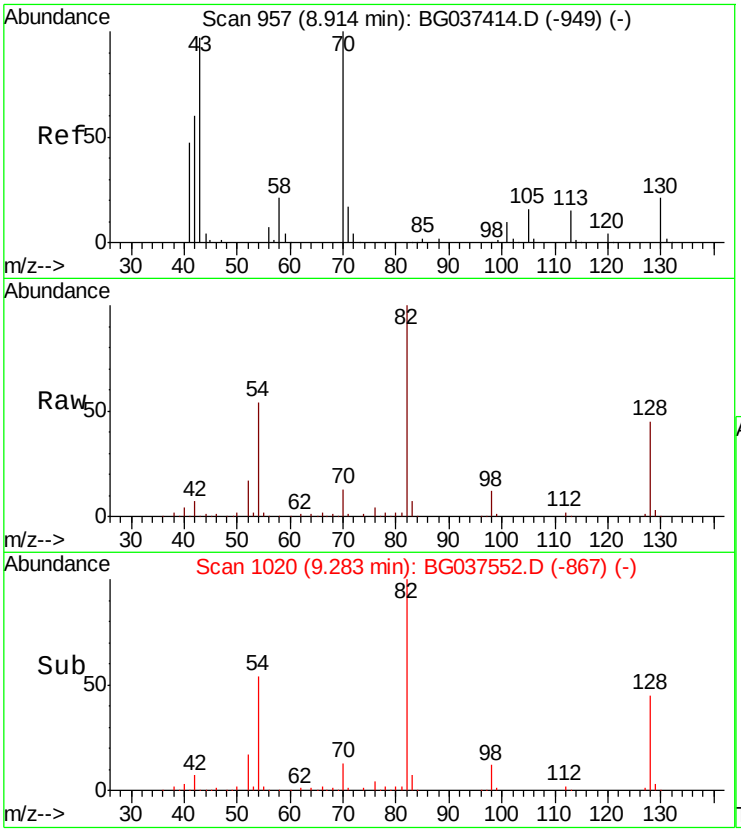


#10
Phenol
Concen: 14.602 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion: 94 Resp: 78626

Ion	Ratio	Lower	Upper
94	100		
65	31.2	9.7	49.7
66	38.1	15.9	55.9



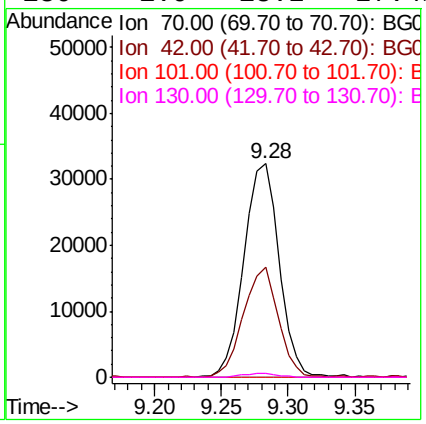


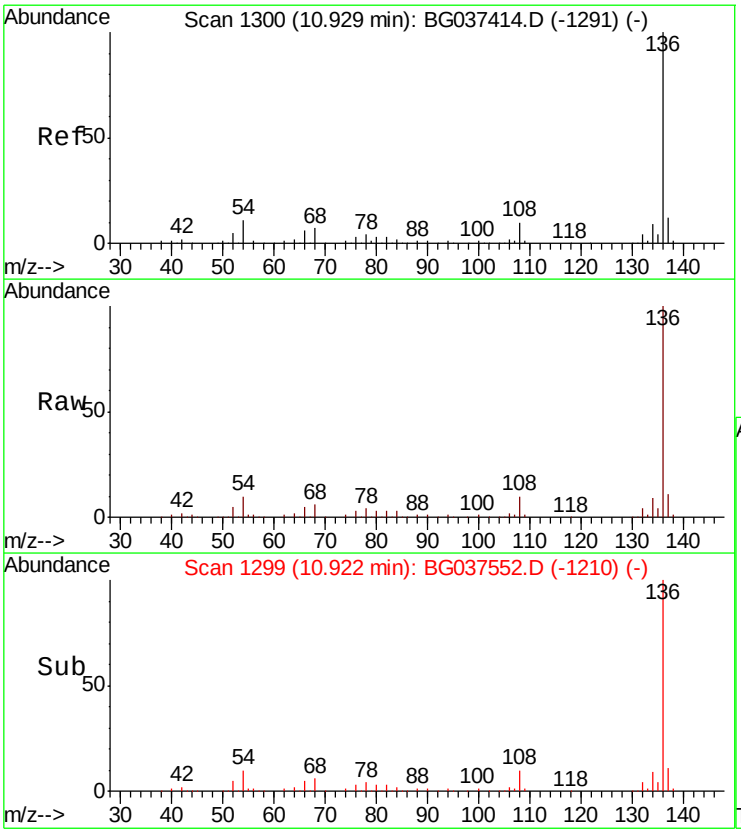
#19
n-Nitroso-di-n-propylamine
Concen: 16.832 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 59151

Ion	Ratio	Lower	Upper
70	100		
42	51.8	53.9	80.9#
101	0.0	8.2	12.2#
130	1.9	18.2	27.4#

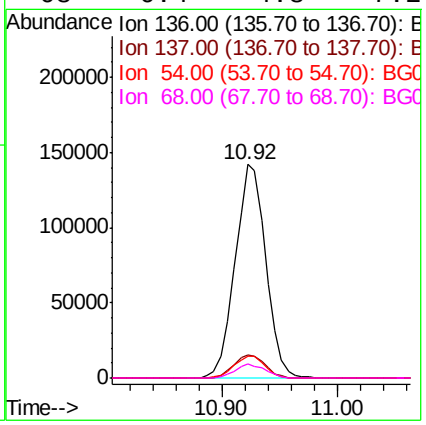


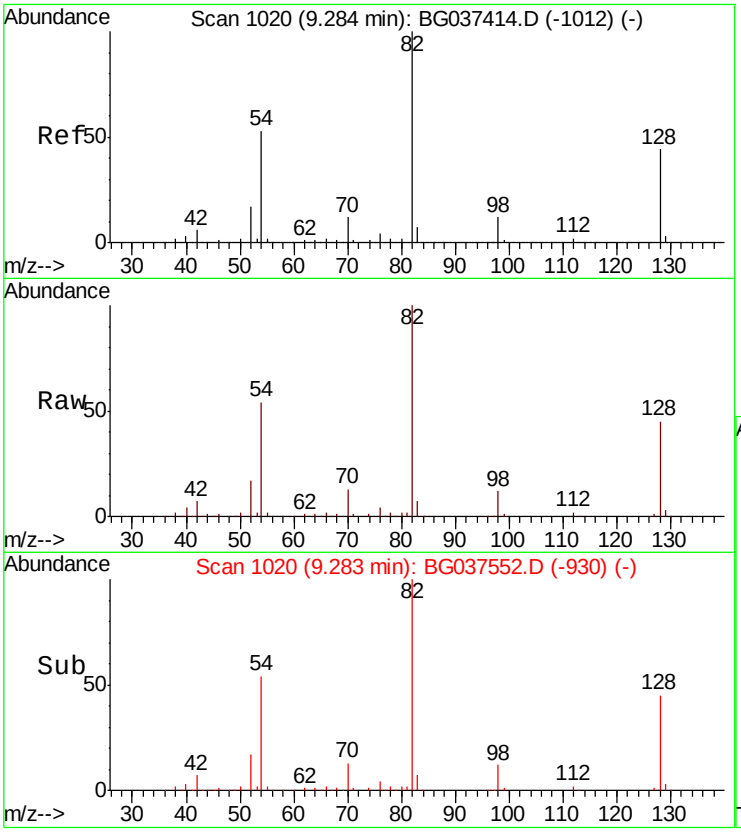


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion:136 Resp: 260611

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.4	7.9	11.9
68	6.4	4.8	7.2



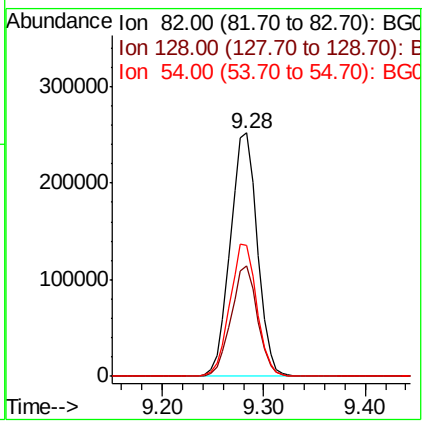


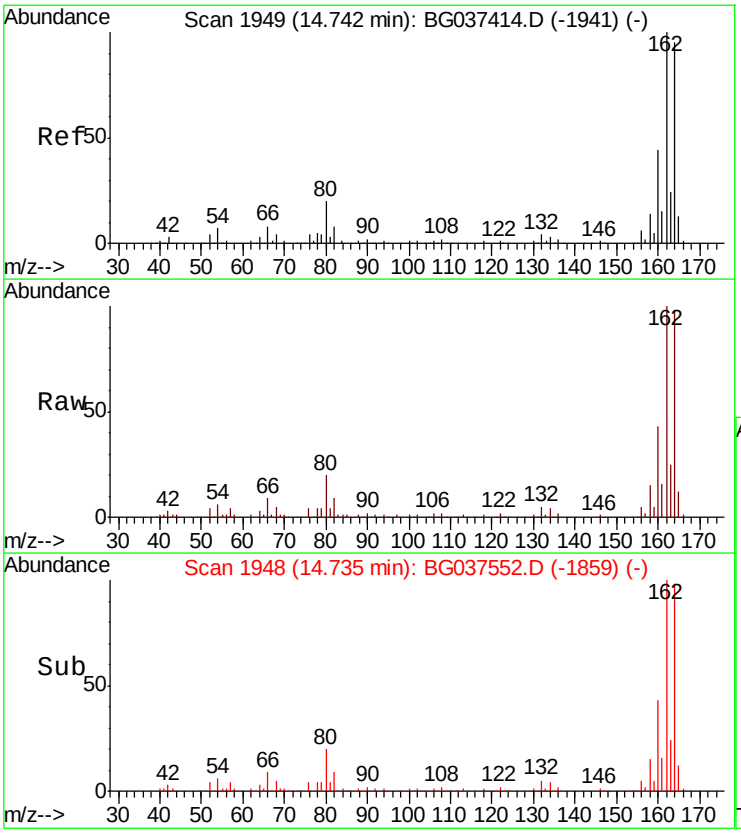
#23
Nitrobenzene-d5
Concen: 100.561 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 467829

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	51.8
54	54.0	45.3	67.9

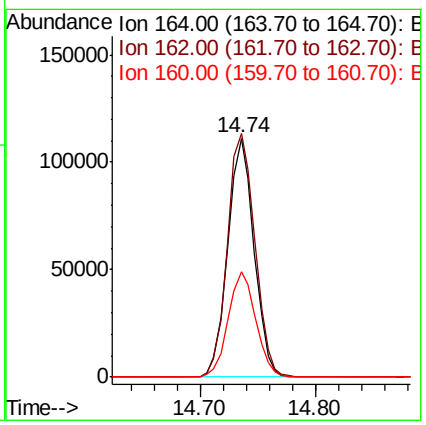


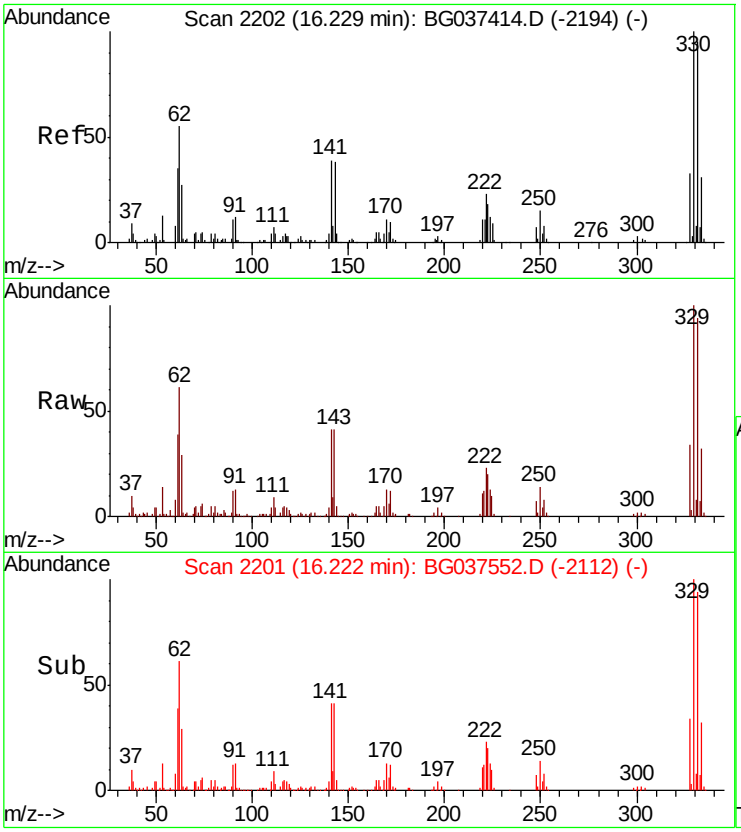


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion:164 Resp: 174983

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.3	121.9
160	44.0	36.3	54.5



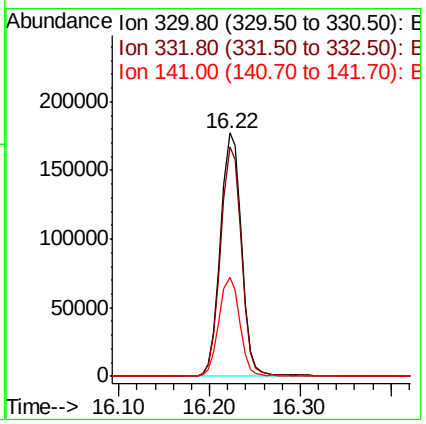


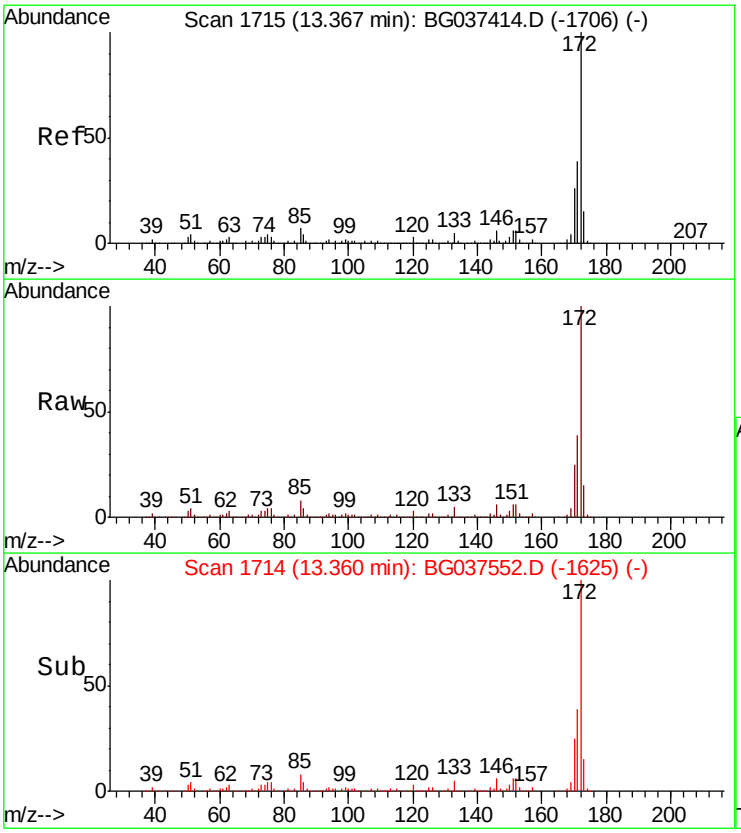
#42
2,4,6-Tribromophenol
Concen: 149.990 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 286259

Ion	Ratio	Lower	Upper
330	100		
332	93.7	78.4	117.6
141	40.3	32.2	48.2

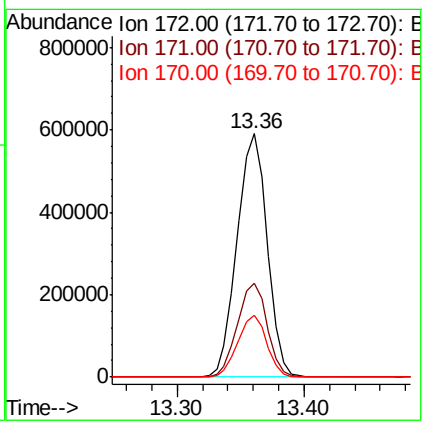


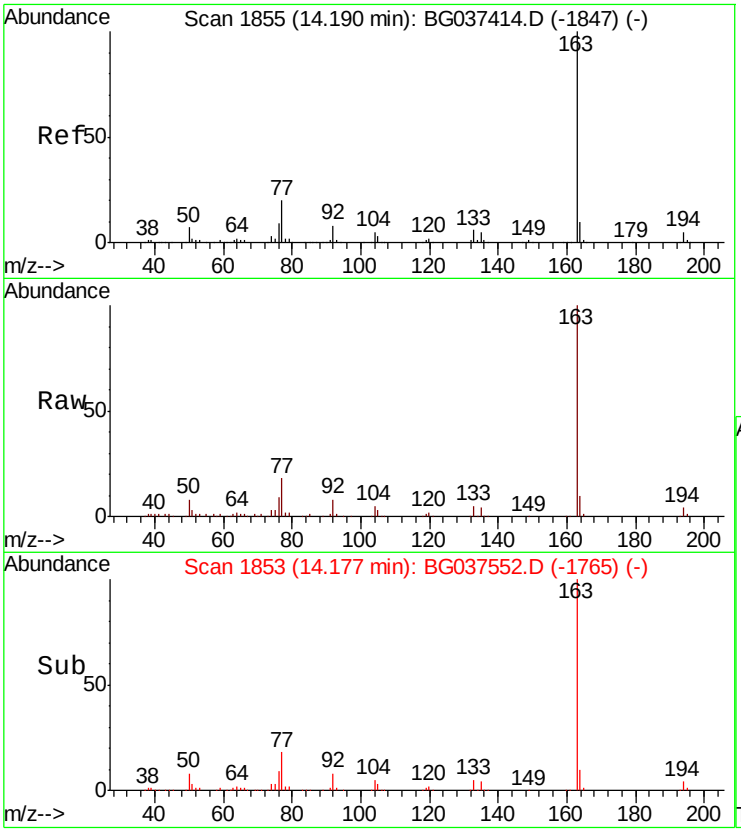


#45
2-Fluorobiphenyl
Concen: 84.023 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion:172 Resp: 975012

Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.4	20.2	30.2



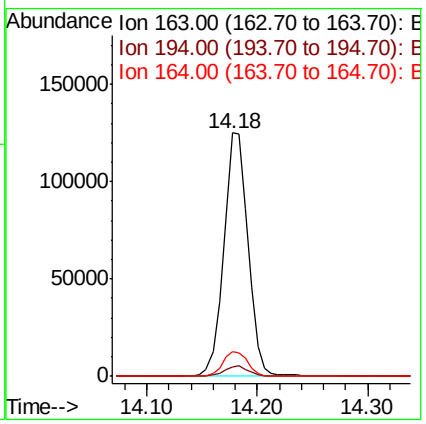


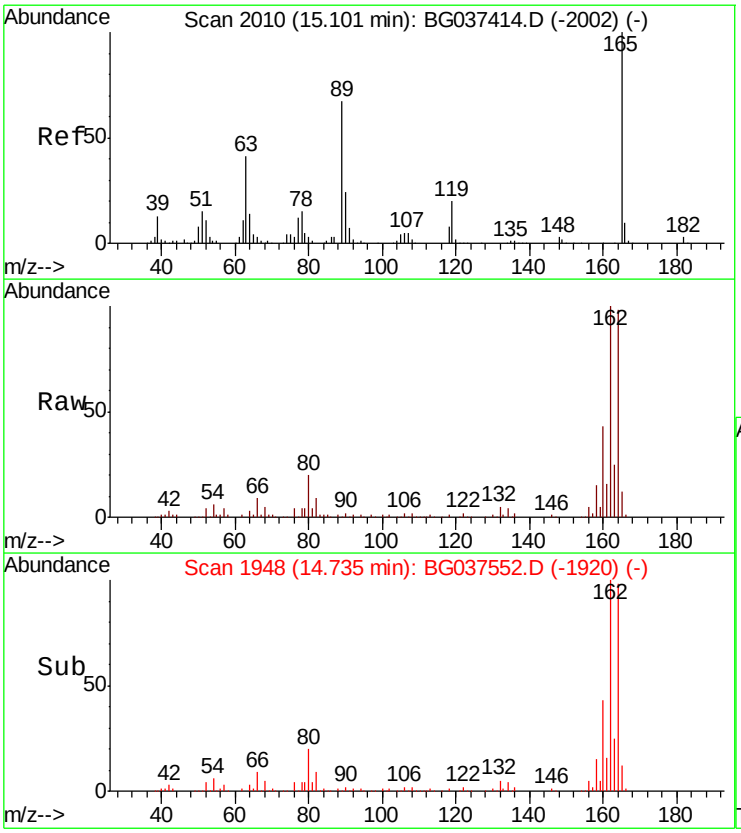
#50
Dimethylphthalate
Concen: 14.186 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 192041

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	10.1	8.5	12.7

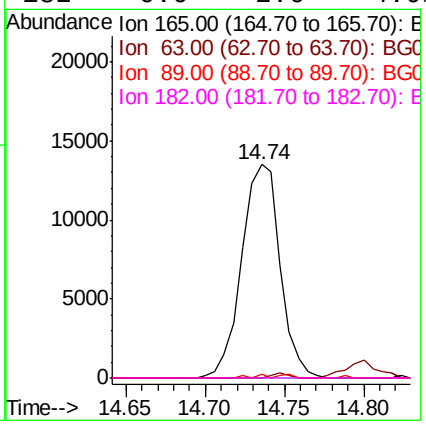


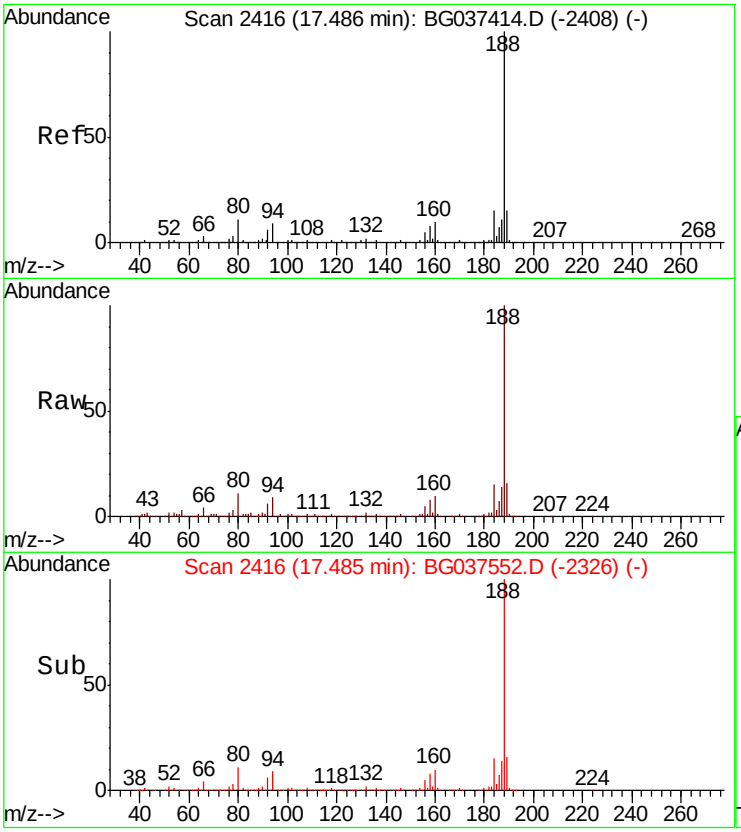


#57
2,4-Dinitrotoluene
Concen: 5.789 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion:165 Resp: 22755

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



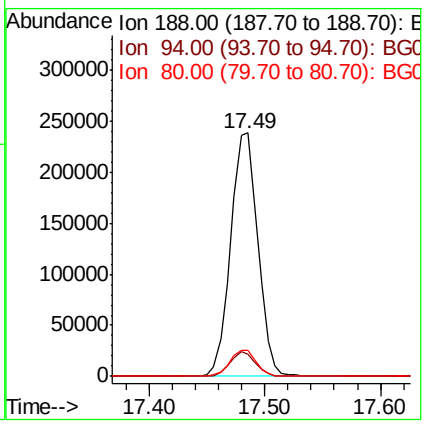


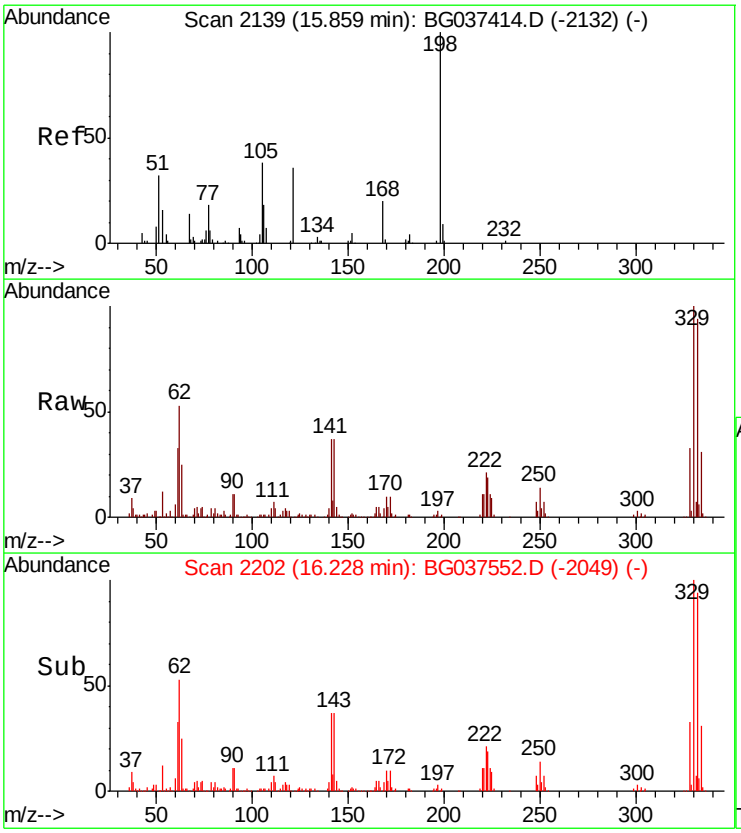
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 389159

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.7	7.7	11.5

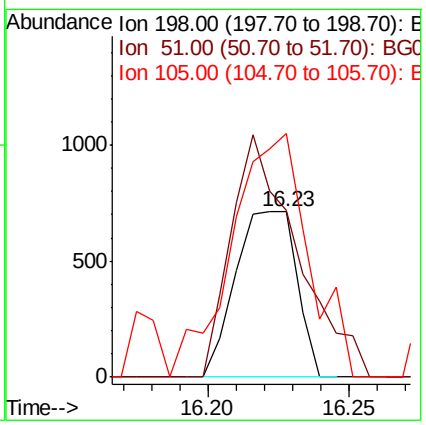


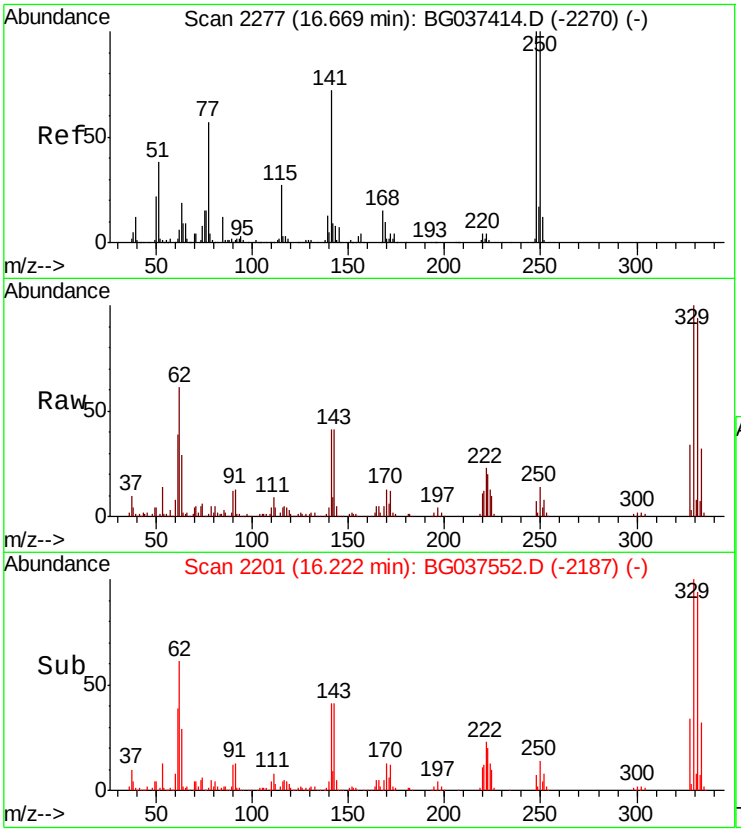


#65
4,6-Dinitro-2-methylphenol
Concen: 8.938 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.37 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion:198 Resp: 1069

Ion	Ratio	Lower	Upper
198	100		
51	22.6	22.7	62.7#
105	33.1	19.7	59.7



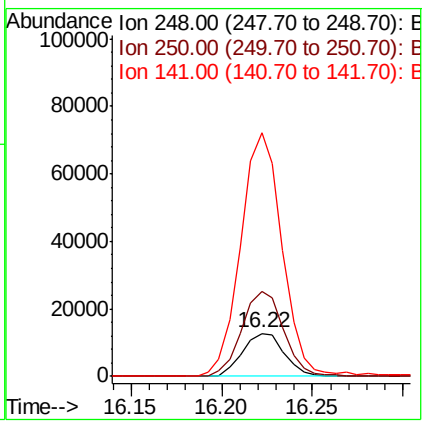


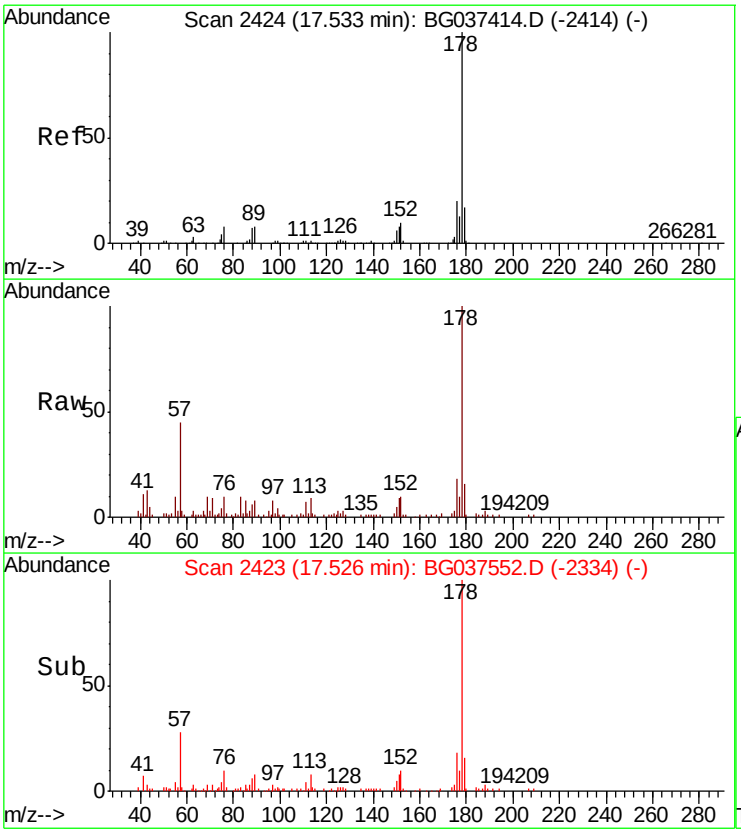
#67
4-Bromophenyl-phenylether
Concen: 4.726 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 20196

Ion	Ratio	Lower	Upper
248	100		
250	195.2	77.0	115.6#
141	435.8	55.5	83.3#

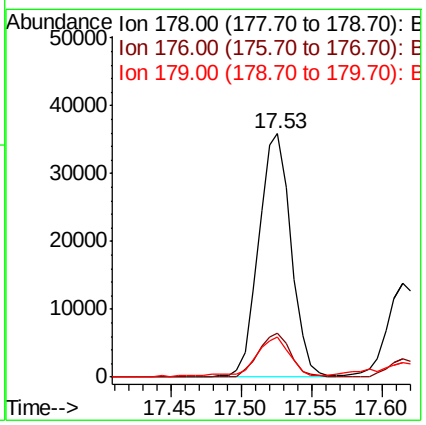


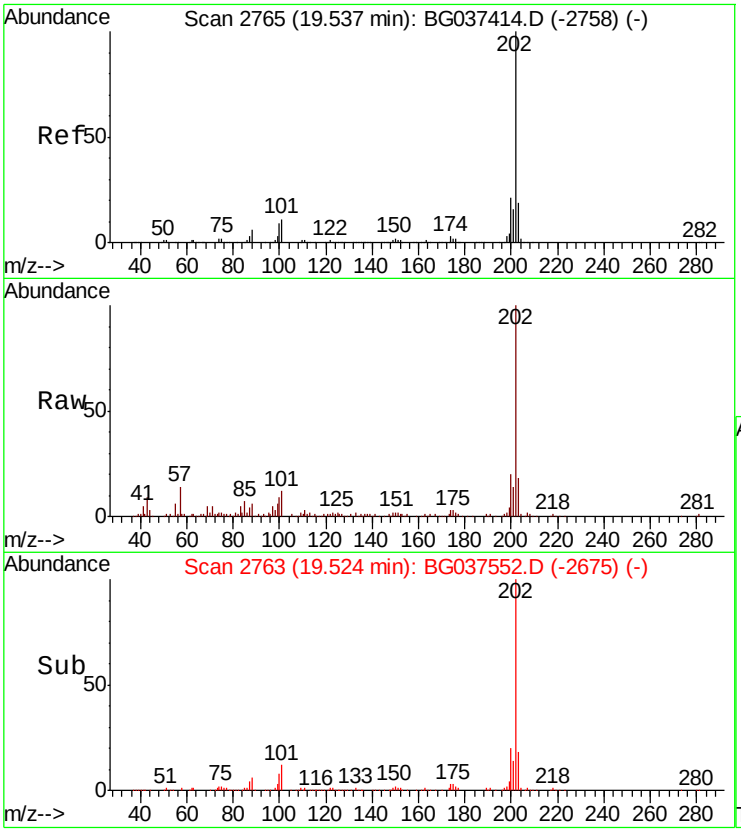


#71
Phenanthrene
Concen: 2.927 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion:178 Resp: 57883

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.1	24.1
179	16.3	13.0	19.4



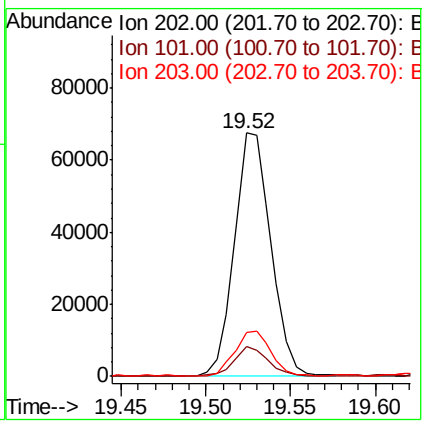


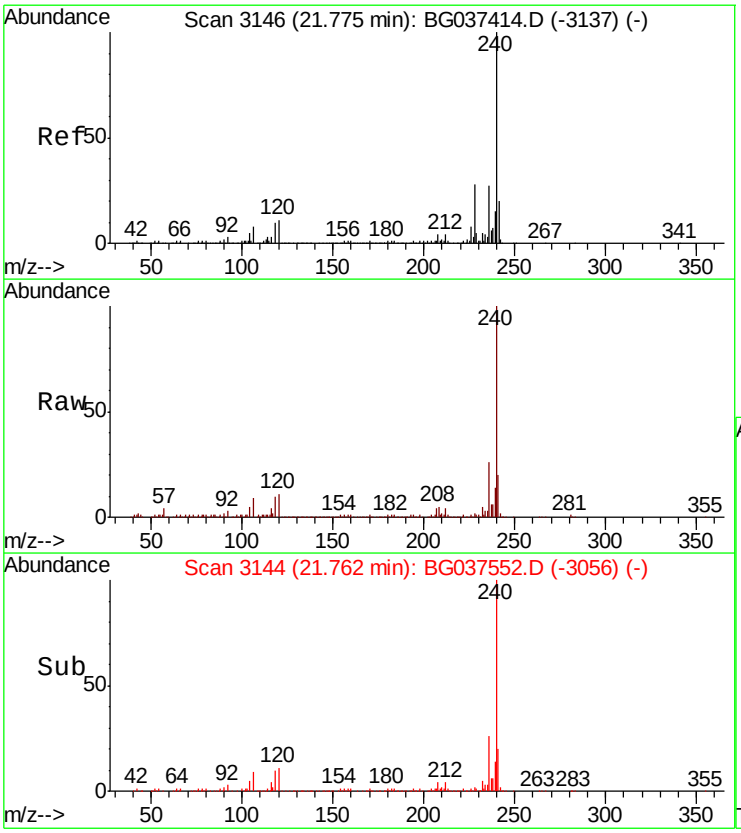
#75
Fluoranthene
Concen: 4.524 ng
RT: 19.52 min Scan# 2763
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 101486

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.7
203	18.2	0.0	38.5

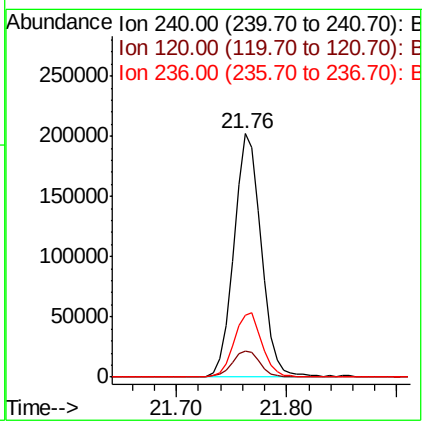


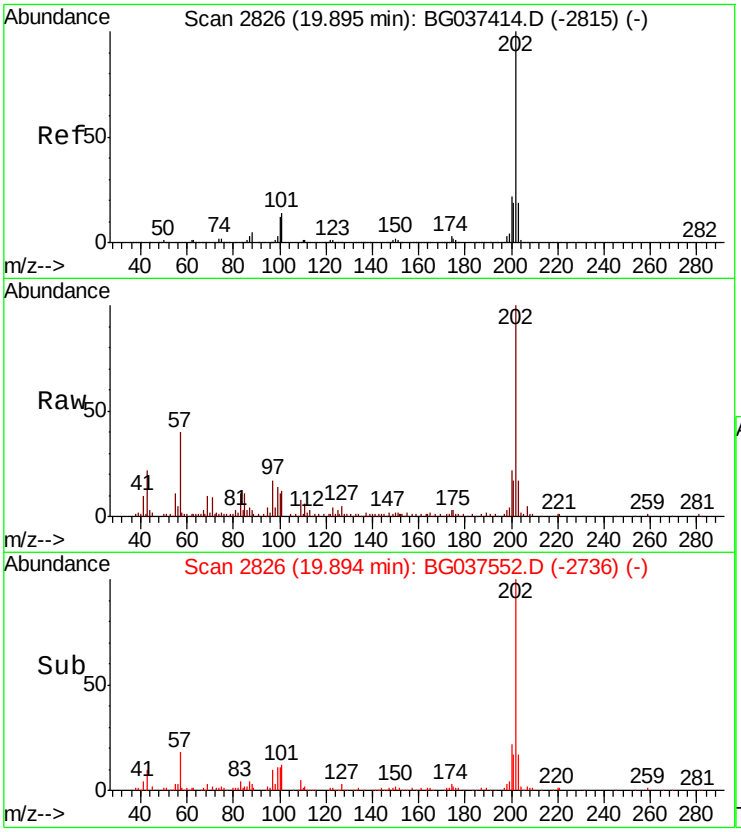


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion:240 Resp: 351530

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	25.7	21.4	32.0



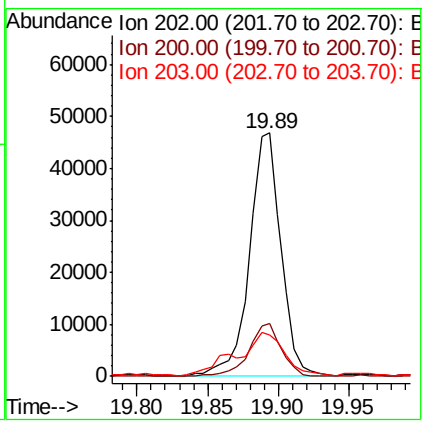


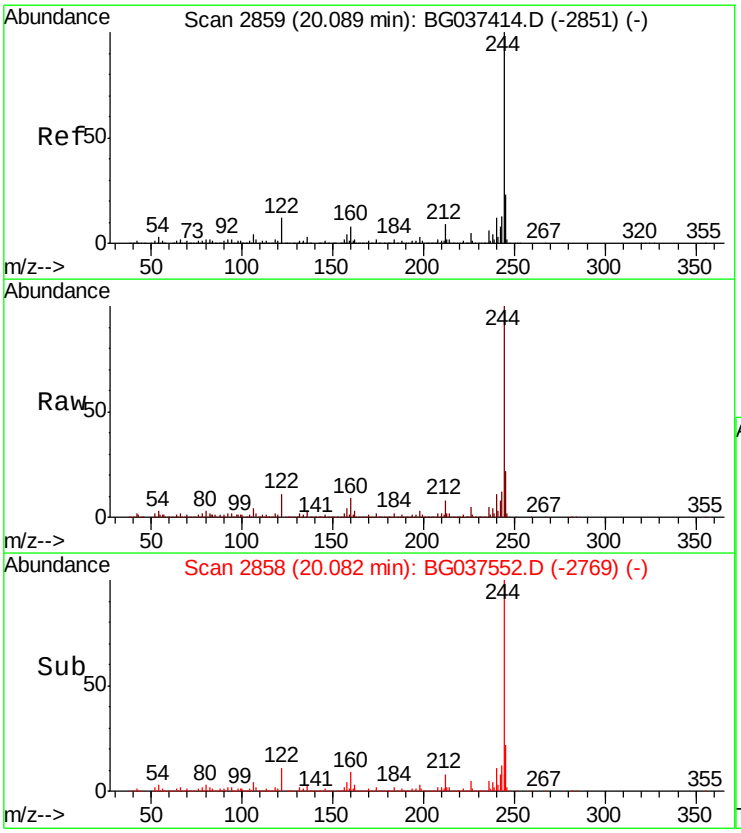
#78
Pyrene
Concen: 3.211 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 73781

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	17.2	15.2	22.8

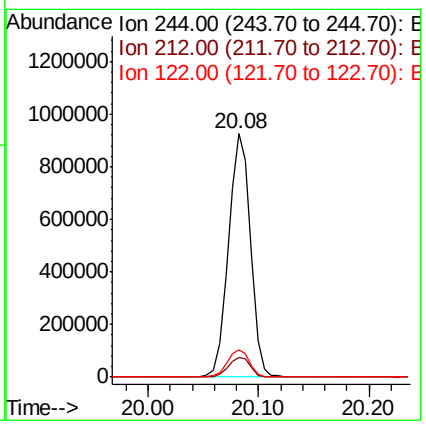


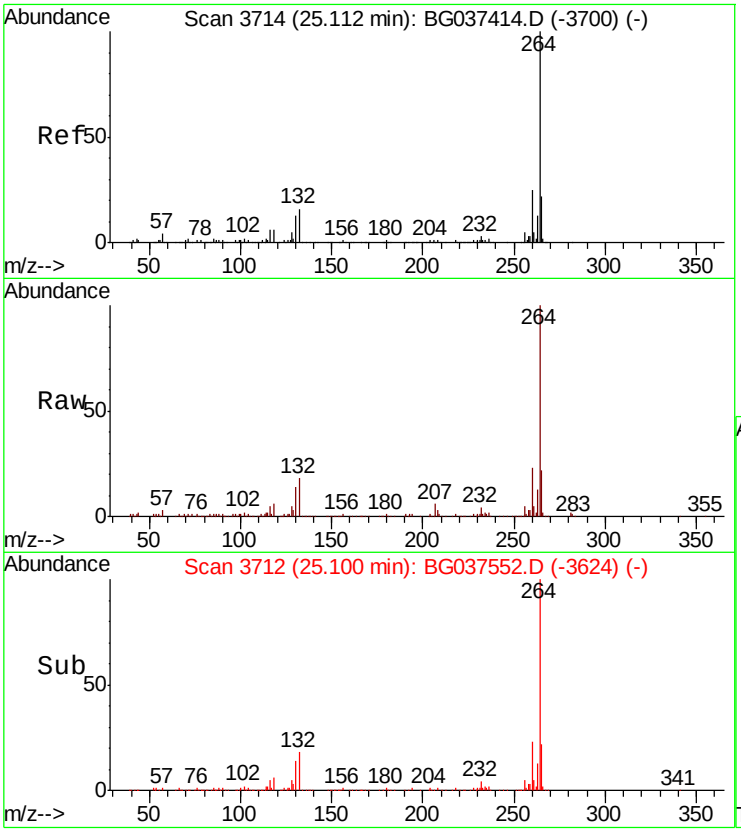


#79
Terphenyl-d14
Concen: 78.441 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037552.D
Acq: 25 Oct 2018 19:37

Tgt Ion:244 Resp: 1290472

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.4	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: BG037552.D
Acq: 25 Oct 2018 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 370588

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.9	17.9	26.9