Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037770.D
Acq On : 3 Nov 2018 1:14
Operator : JU/SJ
Sample : J5803-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SODUS-TS-001

Quant Time: Nov 03 02:31:42 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	57020	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	260871	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	172542	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	368992	20.00	ng		0.00
76) Chrysene-d12	21.76	240	332566	20.00	ng		-0.01
87) Perylene-d12	25.10	264	317994	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	515302	151.09	ng		0.00
7) Phenol-d6	7.25	99	778604	150.97	ng		0.00
23) Nitrobenzene-d5	9.28	82	465574	99.98	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	282308	150.01	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1025745	89.65	ng		-0.01
79) Terphenyl-d14	20.08	244	1268641	81.51	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	50309	9.246	ng		93
19) n-Nitroso-di-n-propylamine	9.28	70	59082	16.637	ng	#	73
50) Dimethylphthalate	14.18	163	161946	12.132	ng		99
57) 2,4-Dinitrotoluene	14.73	165	22595	5.829	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.22	198	932	8.904	ng		77
67) 4-Bromophenyl-phenylether	16.22	248	20733	5.117	ng	#	1

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

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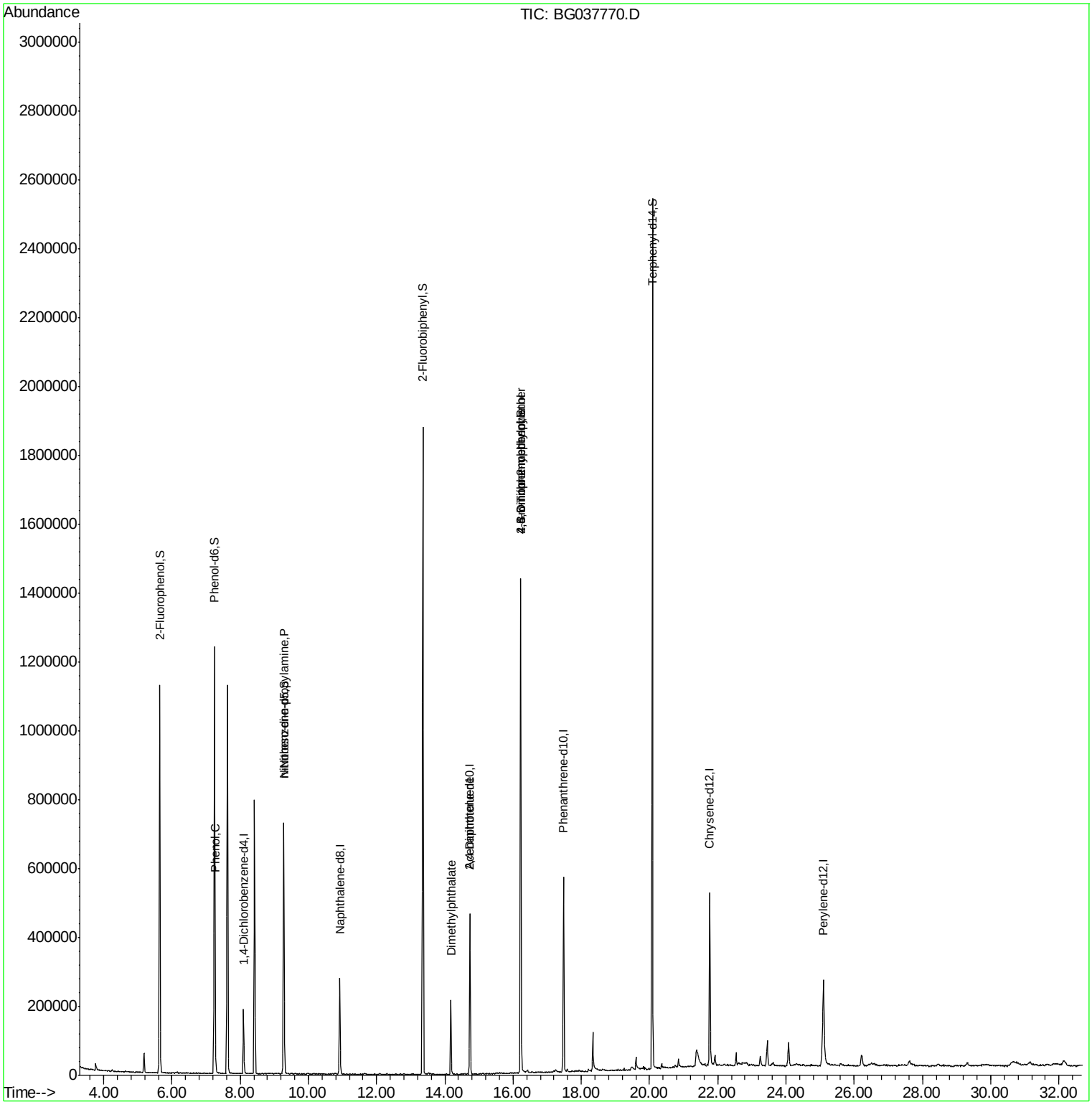
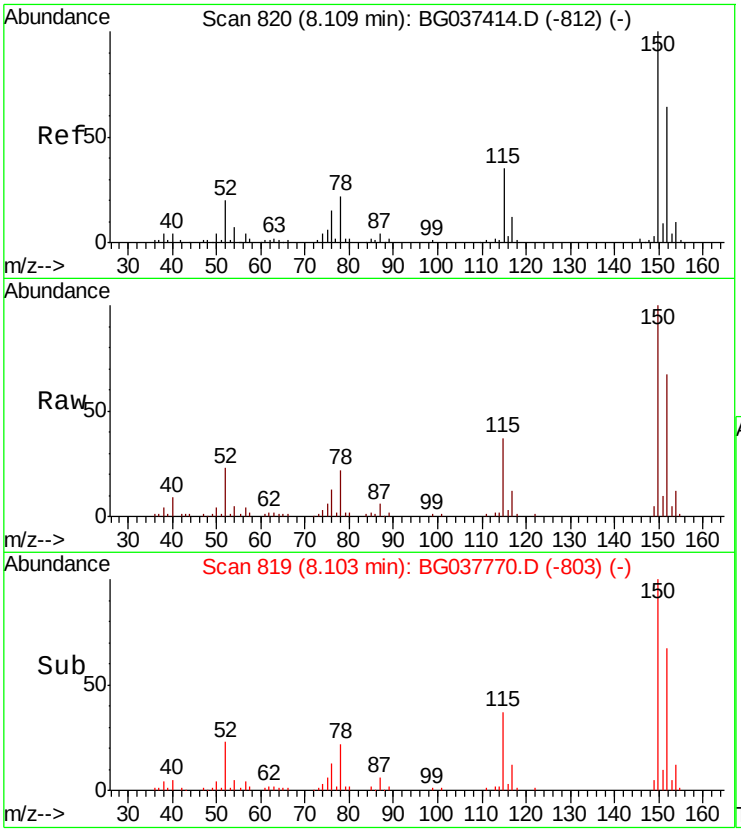
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration



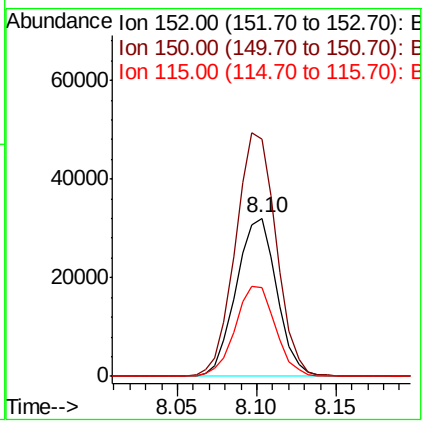


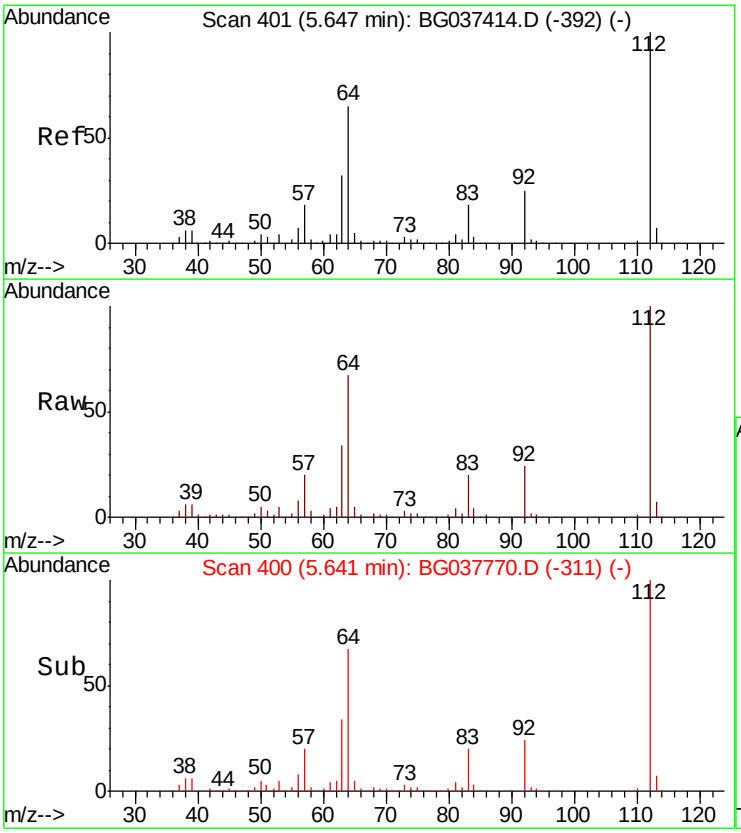
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-001

Tgt Ion:152 Resp: 57020

Ion	Ratio	Lower	Upper
152	100		
150	149.7	126.0	189.0
115	55.8	45.5	68.3

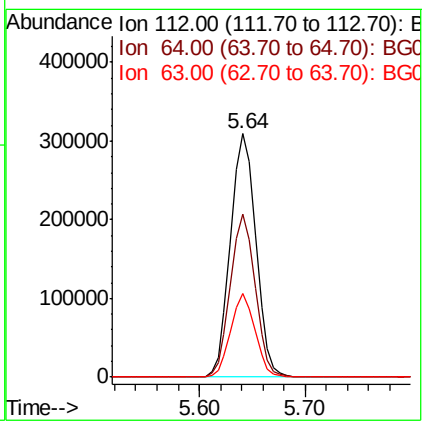


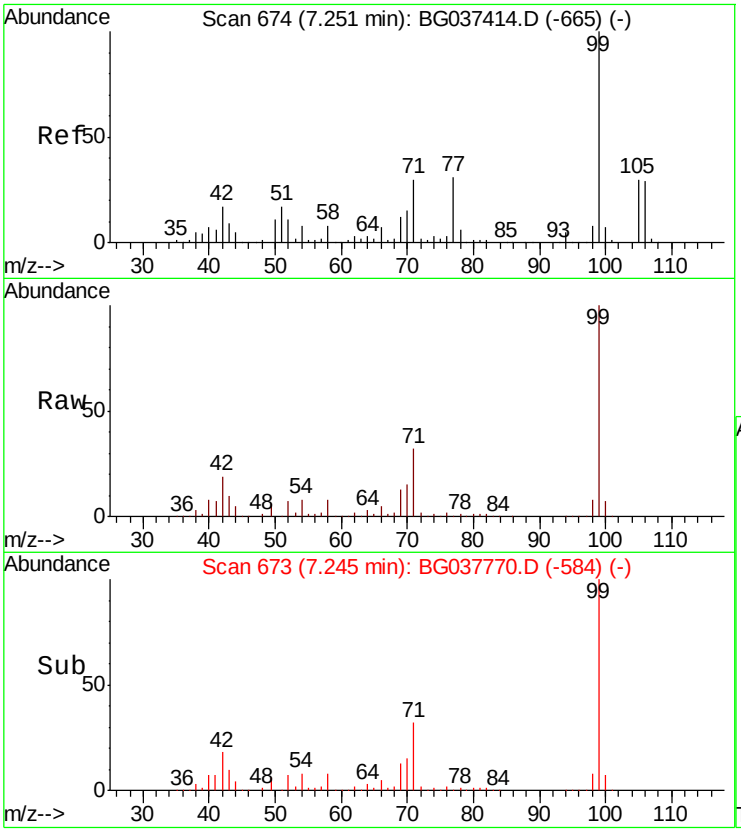


#5
2-Fluorophenol
Concen: 151.089 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion:112 Resp: 515302

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.1	79.7
63	34.2	27.3	40.9



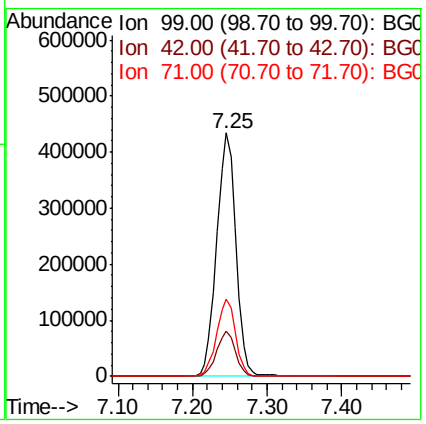


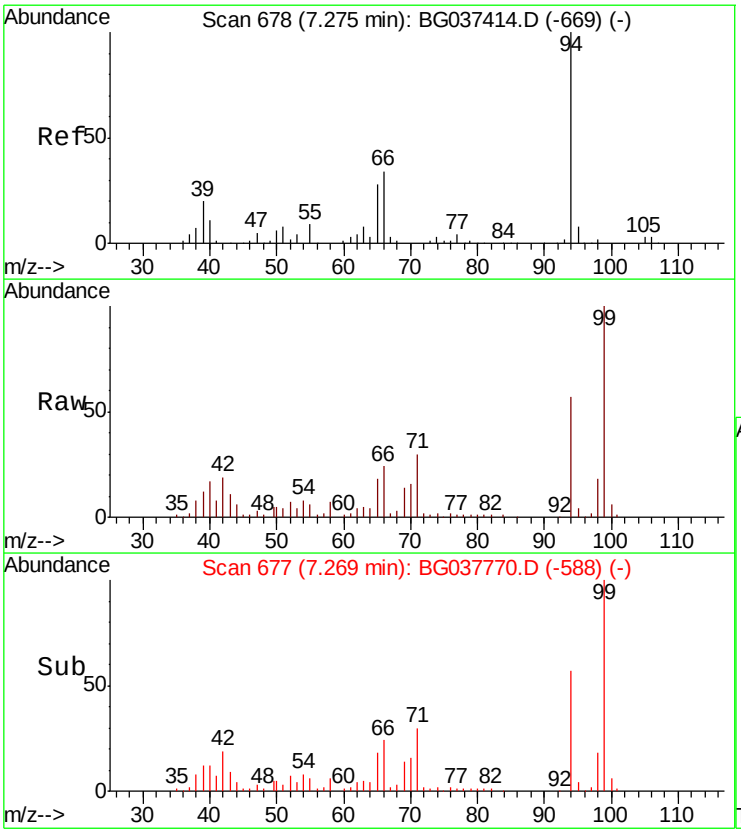
#7
Phenol-d6
Concen: 150.973 ng
RT: 7.25 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-001

Tgt Ion: 99 Resp: 778604

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	31.9	25.5	38.3

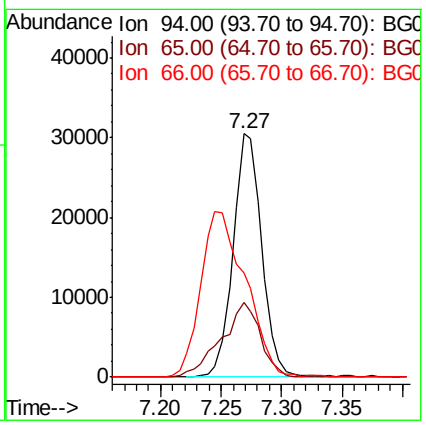


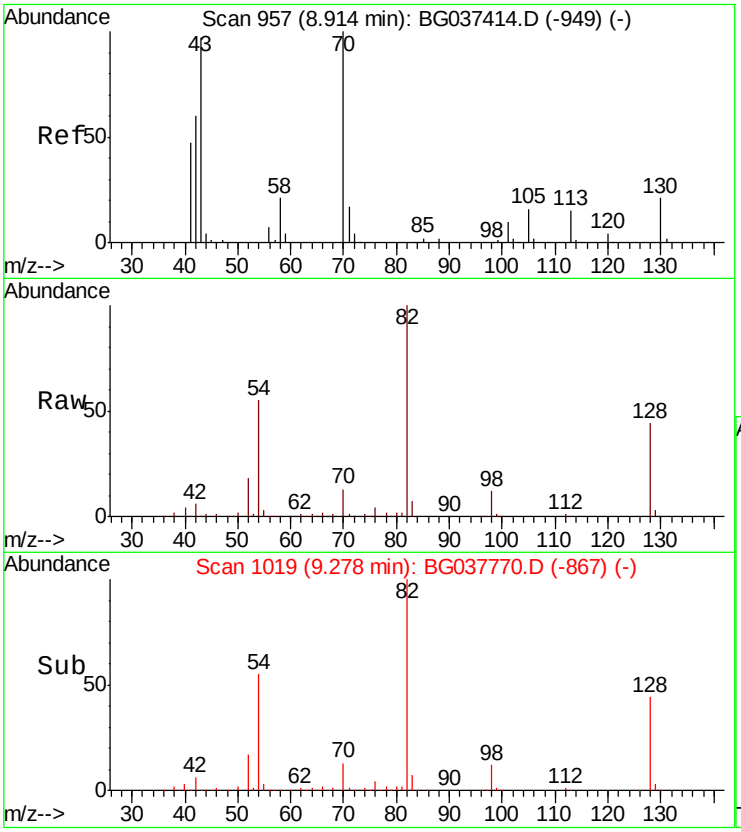


#10
Phenol
Concen: 9.246 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion: 94 Resp: 50309

Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.7	49.7
66	42.5	15.9	55.9



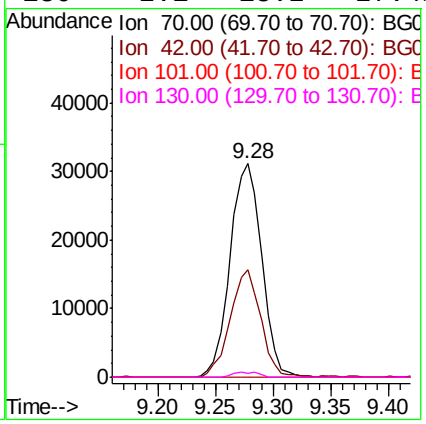


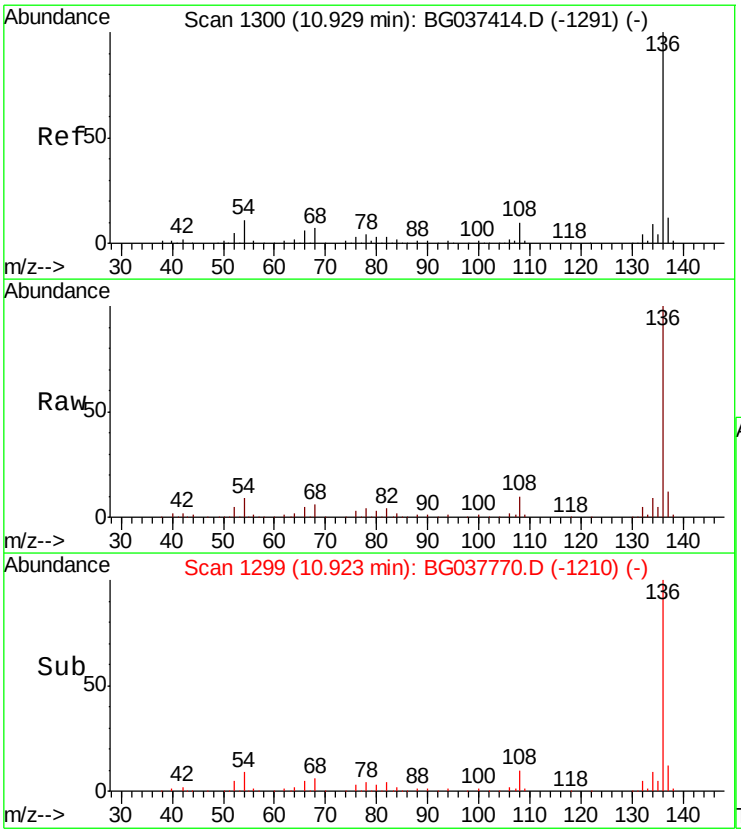
#19
n-Nitroso-di-n-propylamine
Concen: 16.637 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-001

Tgt Ion: 70 Resp: 59082

Ion	Ratio	Lower	Upper
70	100		
42	50.6	53.9	80.9#
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#

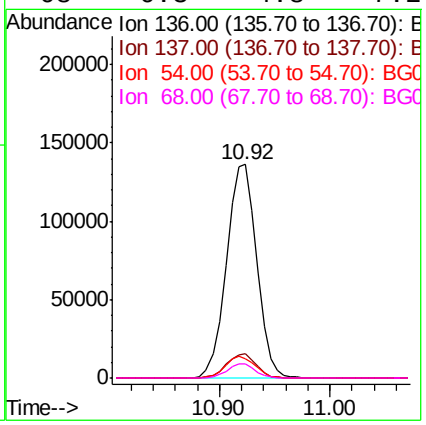


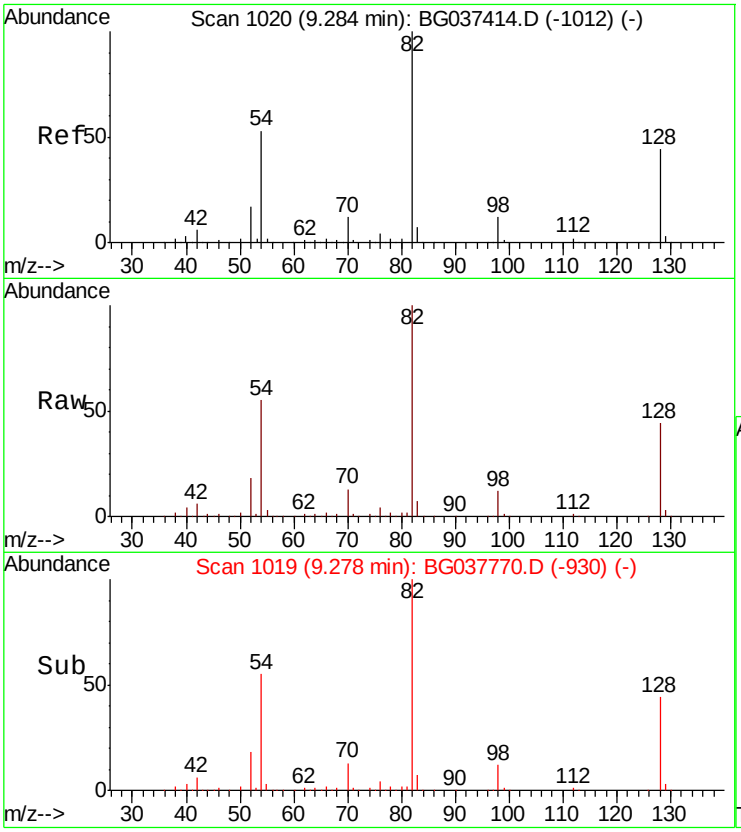


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion:136 Resp: 260871

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.3	7.9	11.9
68	6.3	4.8	7.2



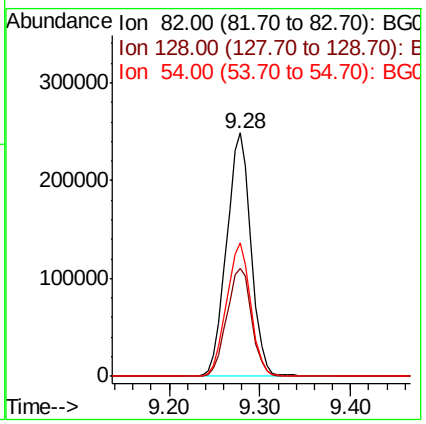


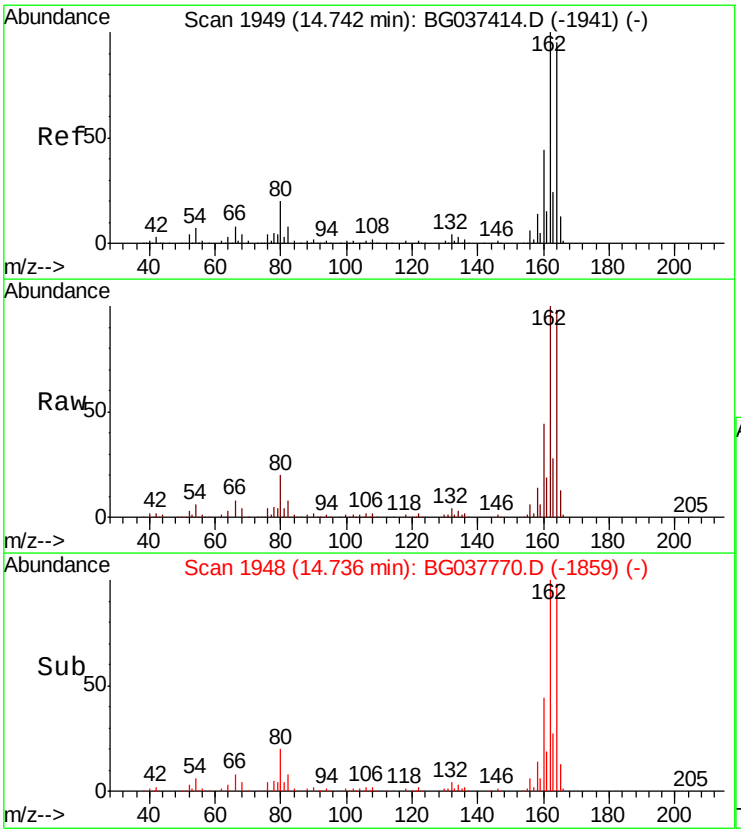
#23
Nitrobenzene-d5
Concen: 99.977 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-001

Tgt Ion: 82 Resp: 465574

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	54.9	45.3	67.9

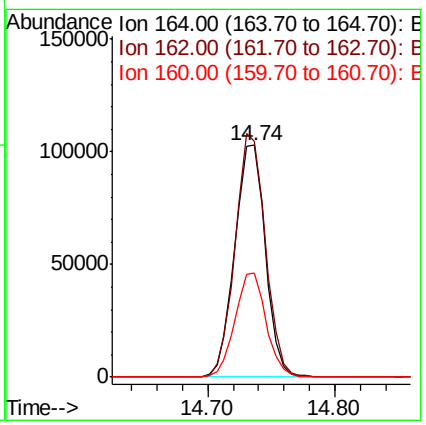


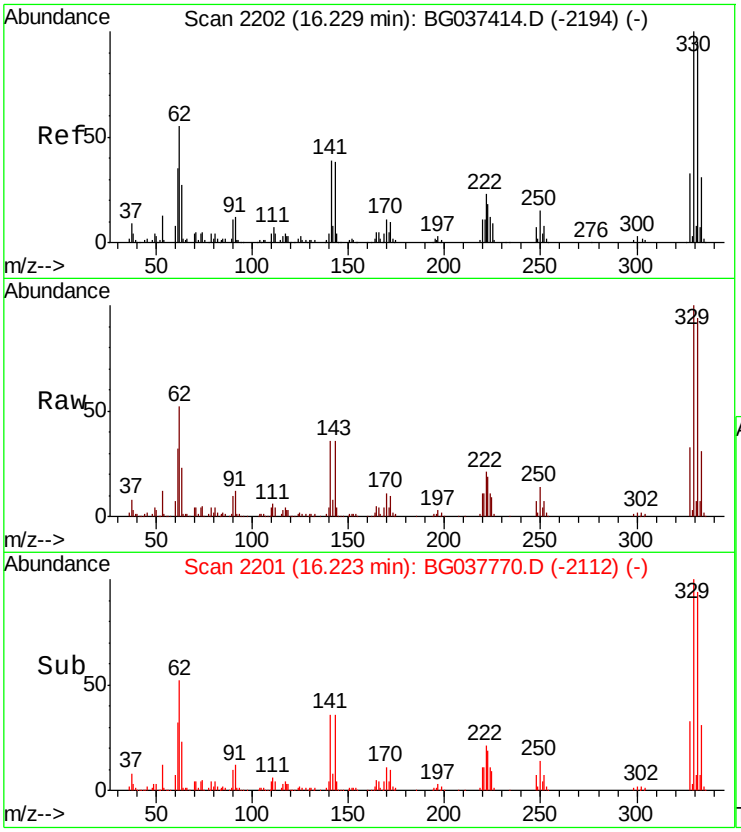


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion:164 Resp: 172542

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.3	121.9
160	45.2	36.3	54.5



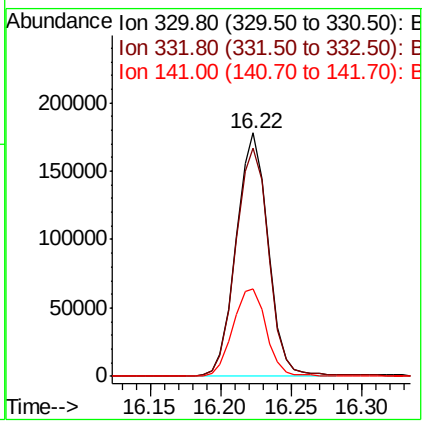


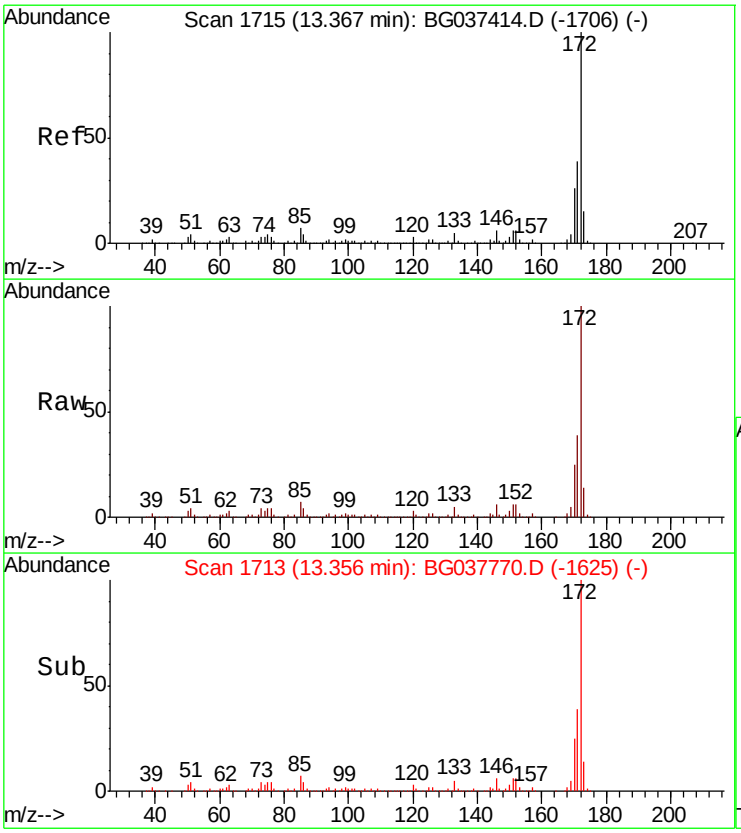
#42
2,4,6-Tribromophenol
Concen: 150.012 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-001

Tgt Ion:330 Resp: 282308

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.4	117.6
141	38.0	32.2	48.2

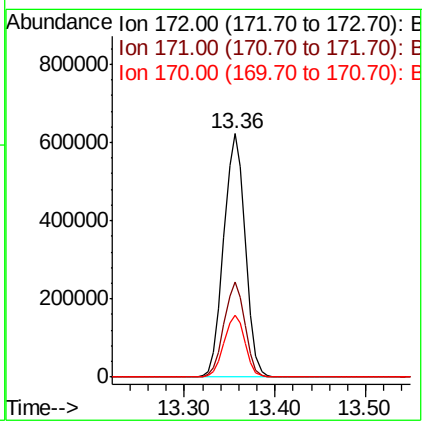


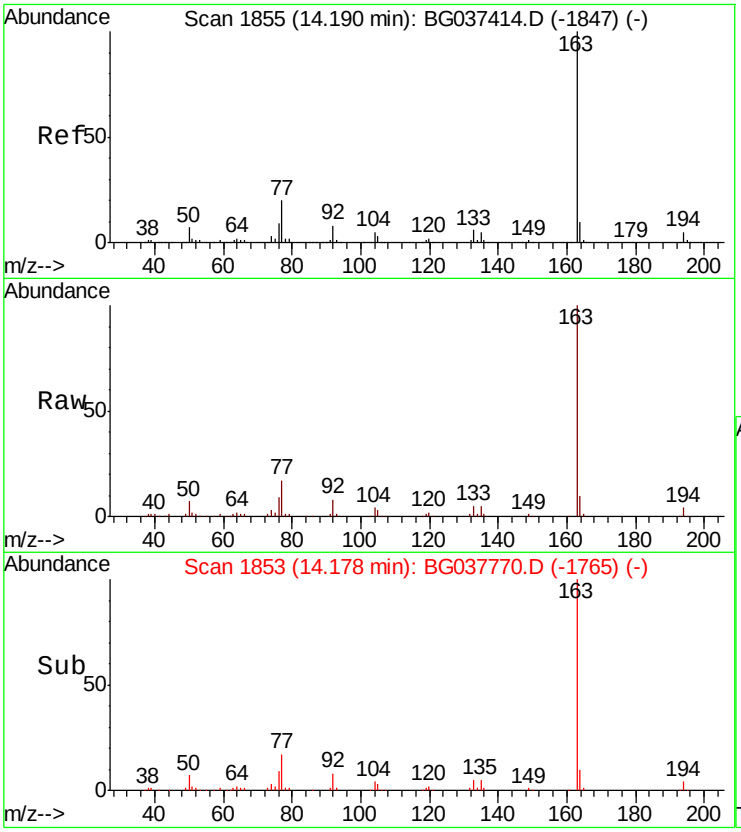


#45
2-Fluorobiphenyl
Concen: 89.646 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion:172 Resp: 1025745

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.4	20.2	30.2



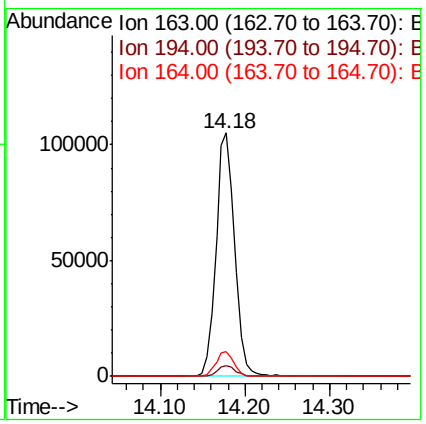


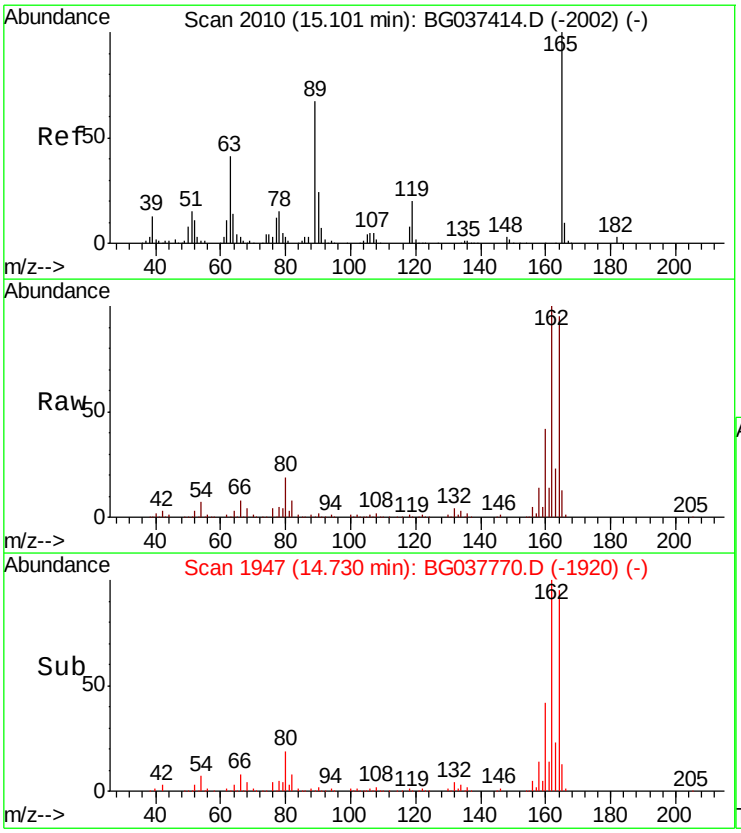
#50
Dimethylphthalate
Concen: 12.132 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-001

Tgt Ion:163 Resp: 161946

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.3	8.5	12.7

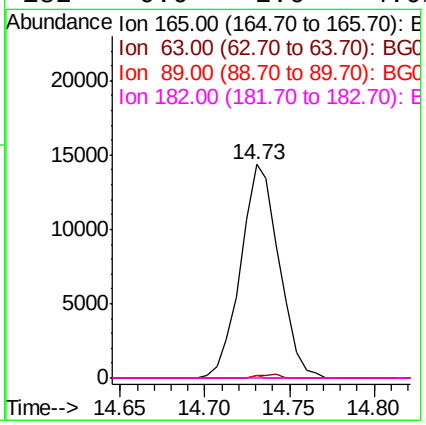


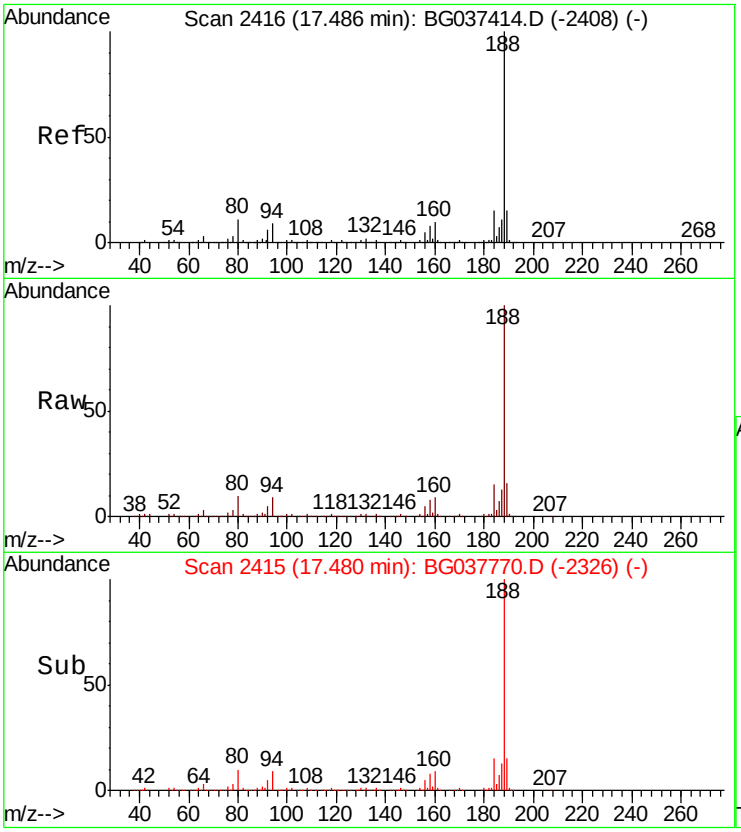


#57
2,4-Dinitrotoluene
Concen: 5.829 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion:165 Resp: 22595

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#



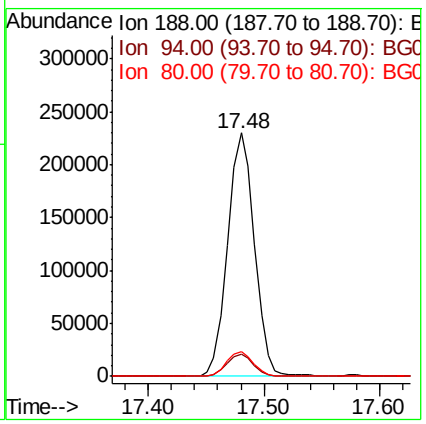


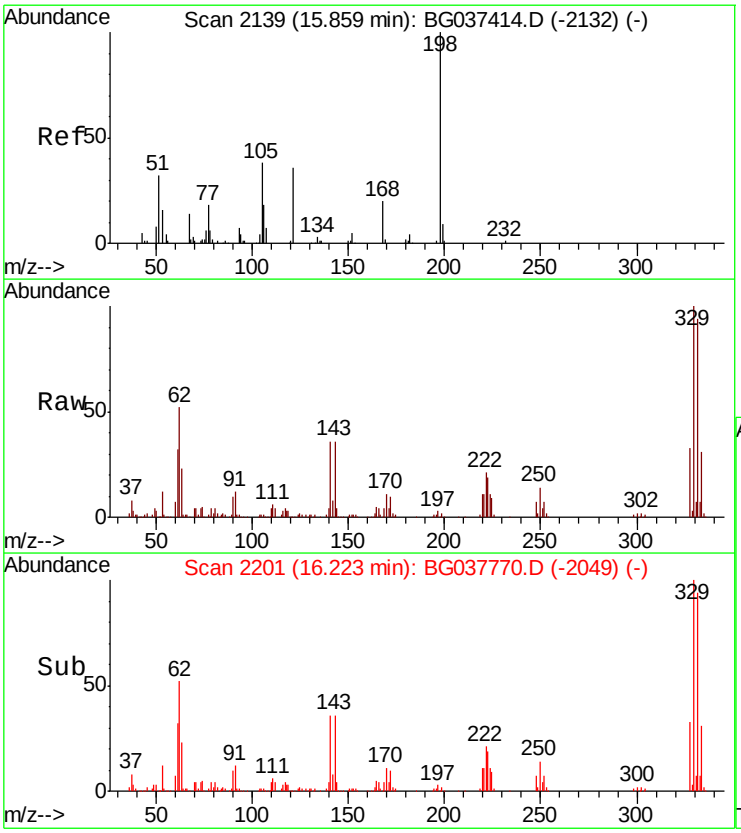
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-001

Tgt Ion:188 Resp: 368992

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.2	7.7	11.5

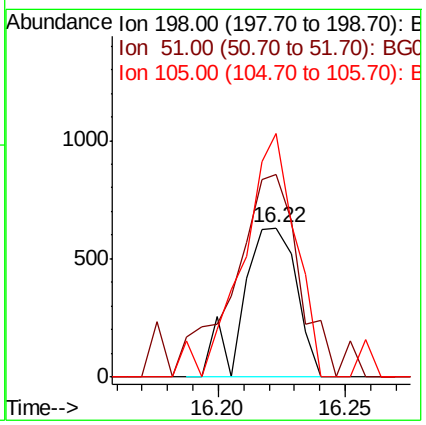


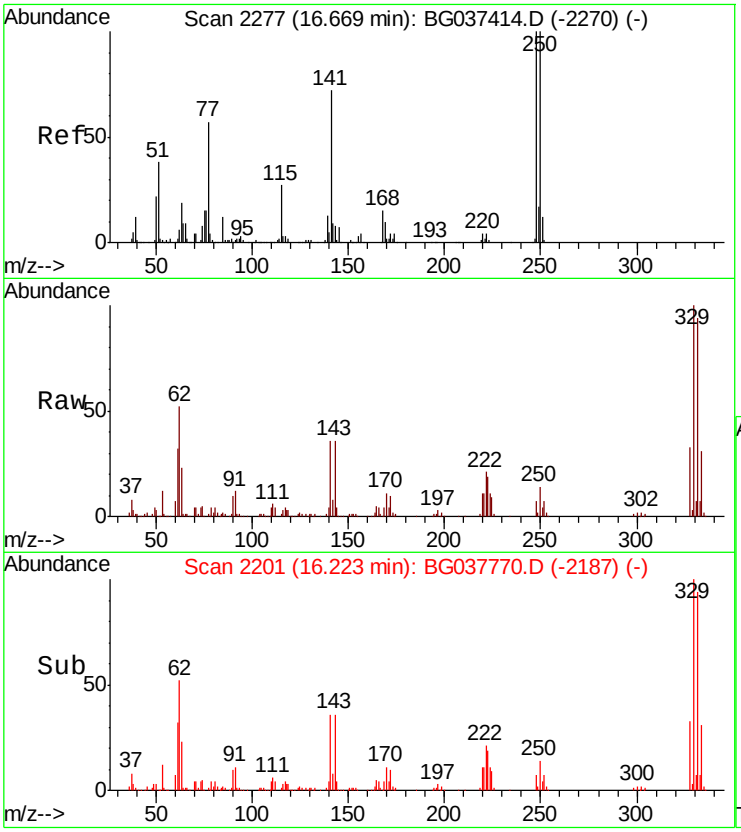


#65
4,6-Dinitro-2-methylphenol
Concen: 8.904 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion:198 Resp: 932

Ion	Ratio	Lower	Upper
198	100		
51	24.3	22.7	62.7
105	29.3	19.7	59.7



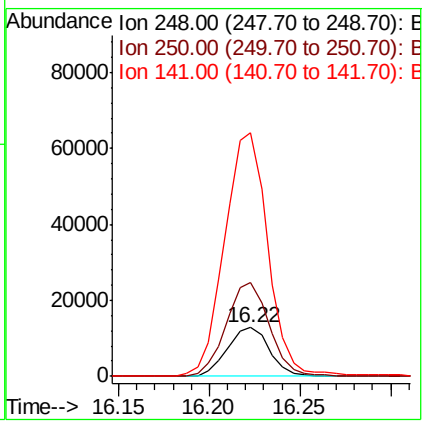


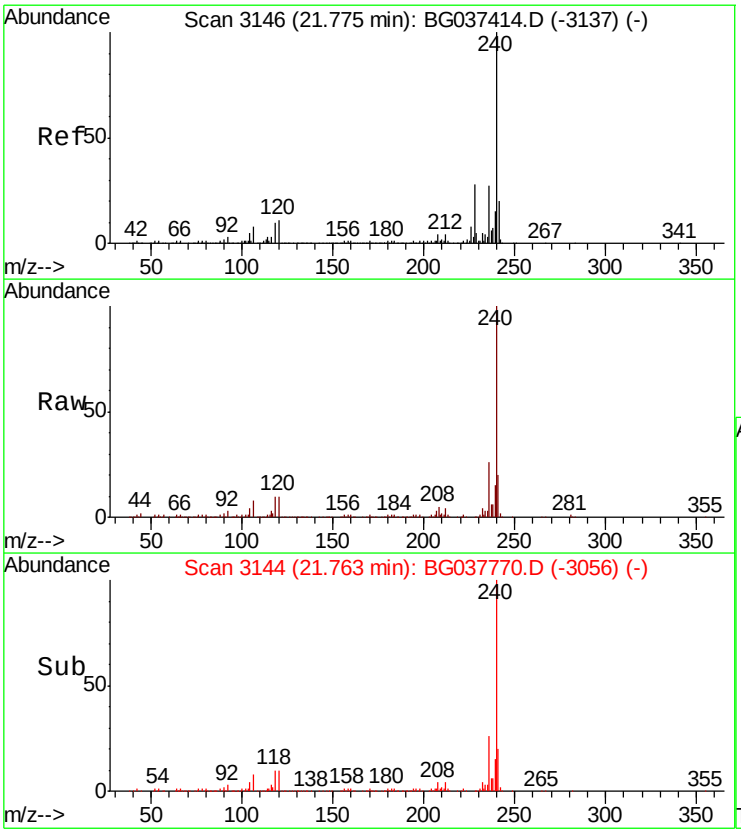
#67
4-Bromophenyl-phenylether
Concen: 5.117 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-001

Tgt Ion:248 Resp: 20733

Ion	Ratio	Lower	Upper
248	100		
250	191.2	77.0	115.6#
141	381.2	55.5	83.3#

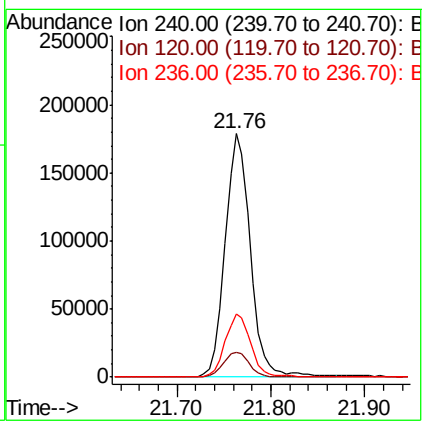


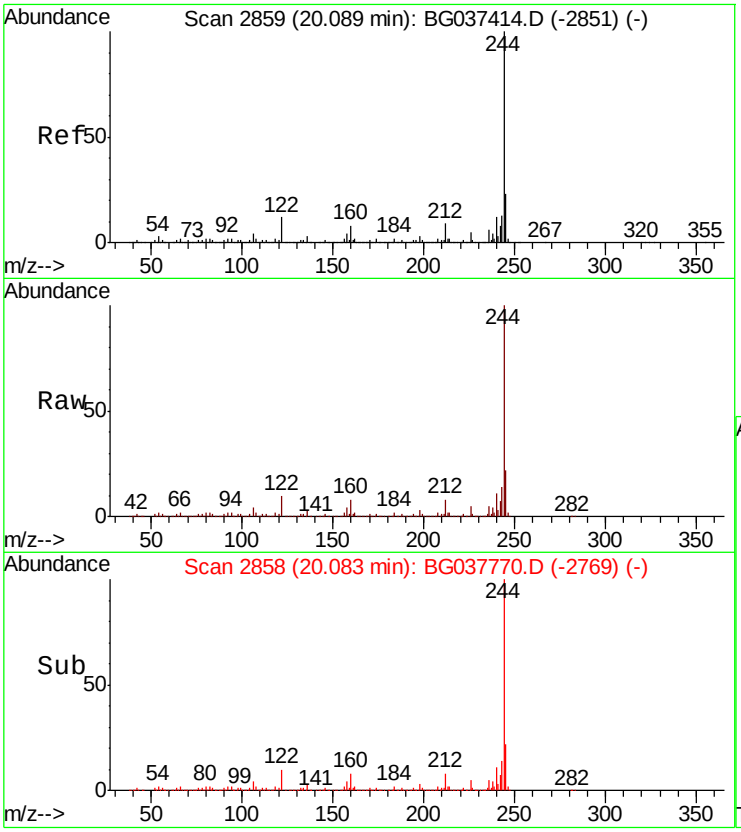


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion:240 Resp: 332566

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.1	21.4	32.0



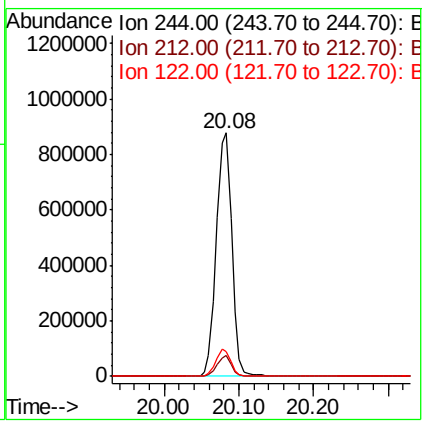


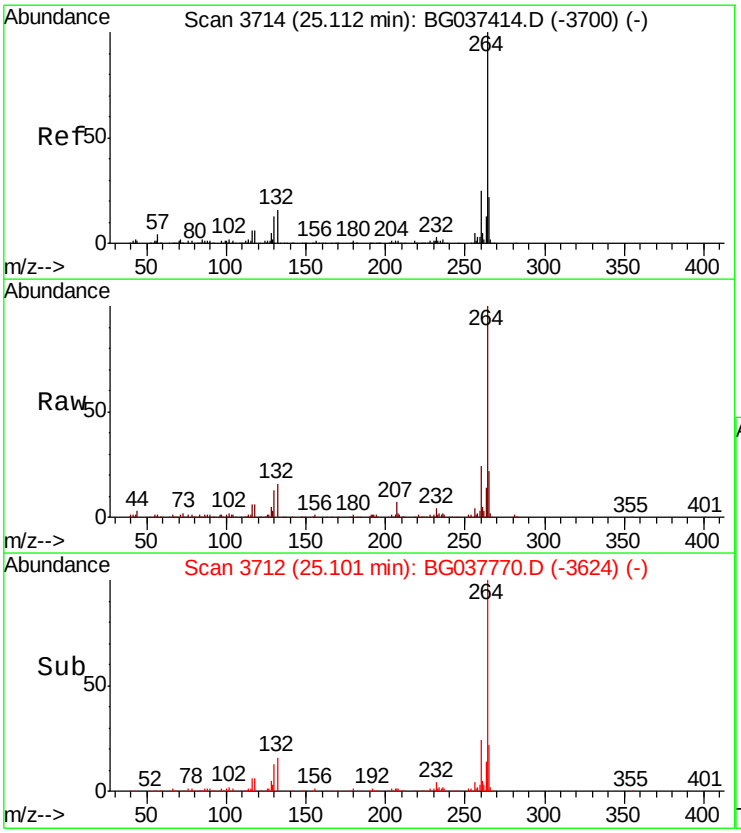
#79
Terphenyl-d14
Concen: 81.511 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037770.D
Acq: 3 Nov 2018 1:14

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-001

Tgt Ion:244 Resp: 1268641

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	10.3	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: BG037770.D
Acq: 3 Nov 2018 1:14

Tgt Ion:264 Resp: 317994

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.8	17.9	26.9