Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037367.D
Acq On : 16 Oct 2018 20:06
Operator : JU/SJ
Sample : J5527-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 17 01:39:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	67619	20.00	ng		-0.01
21) Naphthalene-d8	10.93	136	296086	20.00	ng		-0.02
39) Acenaphthene-d10	14.75	164	197149	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	466172	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	453484	20.00	ng		-0.02
87) Perylene-d12	25.11	264	477747	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	389096	101.27	ng		0.00
7) Phenol-d6	7.25	99	562232	96.41	ng		0.00
23) Nitrobenzene-d5	9.29	82	315077	69.96	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	204419	105.73	ng		-0.02
45) 2-Fluorobiphenyl	13.37	172	823330	62.72	ng		-0.01
79) Terphenyl-d14	20.09	244	1210299	56.04	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.28	94	18694	3.044	ng		95
19) n-Nitroso-di-n-propylamine	9.29	70	39362	8.915	ng	#	73
48) 2-Nitroaniline	13.58	65	56	5.770	ng	#	7
50) Dimethylphthalate	14.19	163	61716	3.983	ng		98
51) 2,6-Dinitrotoluene	14.75	165	26098	12.613	ng	#	25
57) 2,4-Dinitrotoluene	14.75	165	26098	11.423	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.22	198	722	6.379	ng		90
67) 4-Bromophenyl-phenylether	16.23	248	14878	2.957	ng	#	1

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

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Acq On : 16 Oct 2018 20:06
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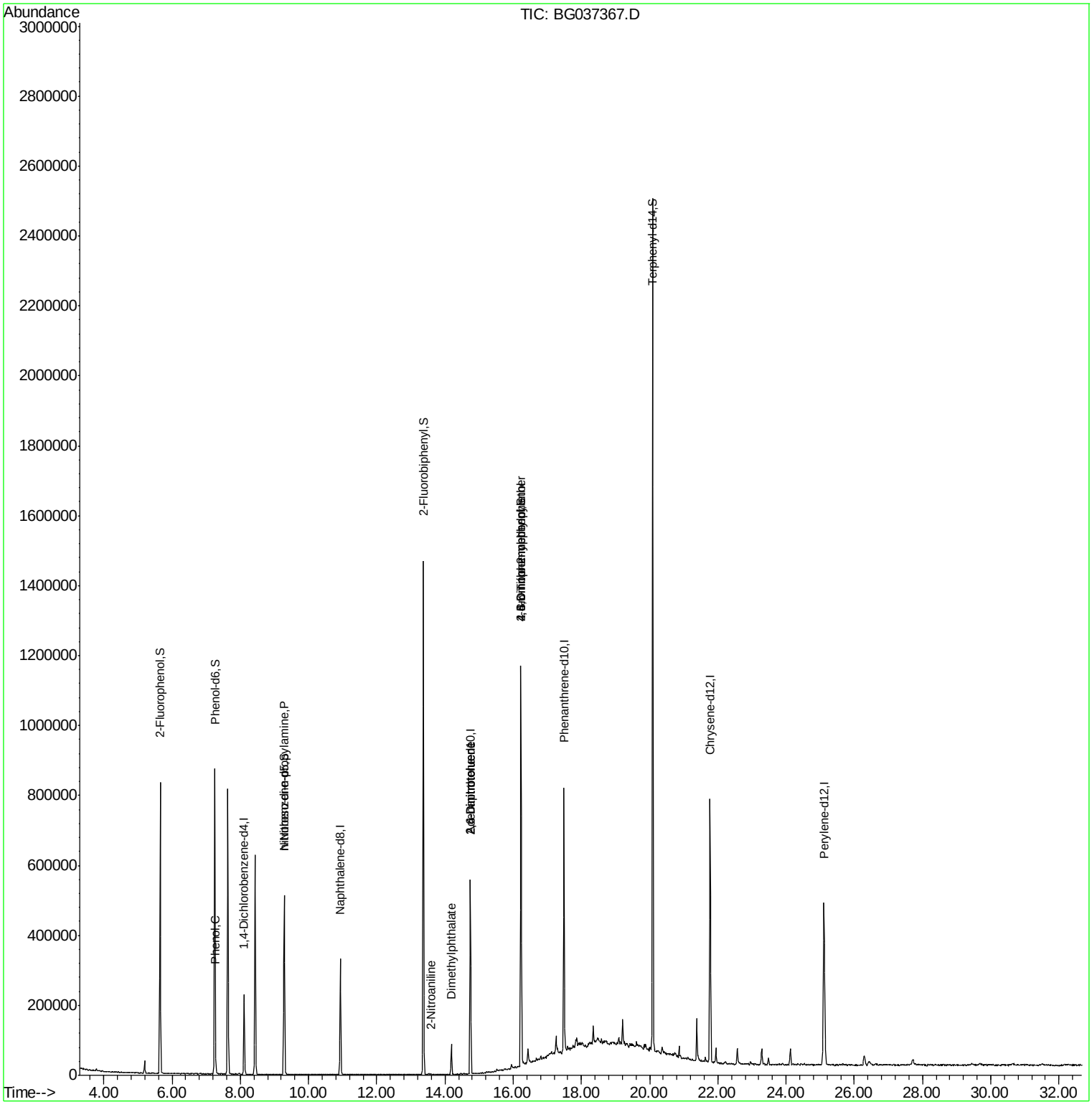
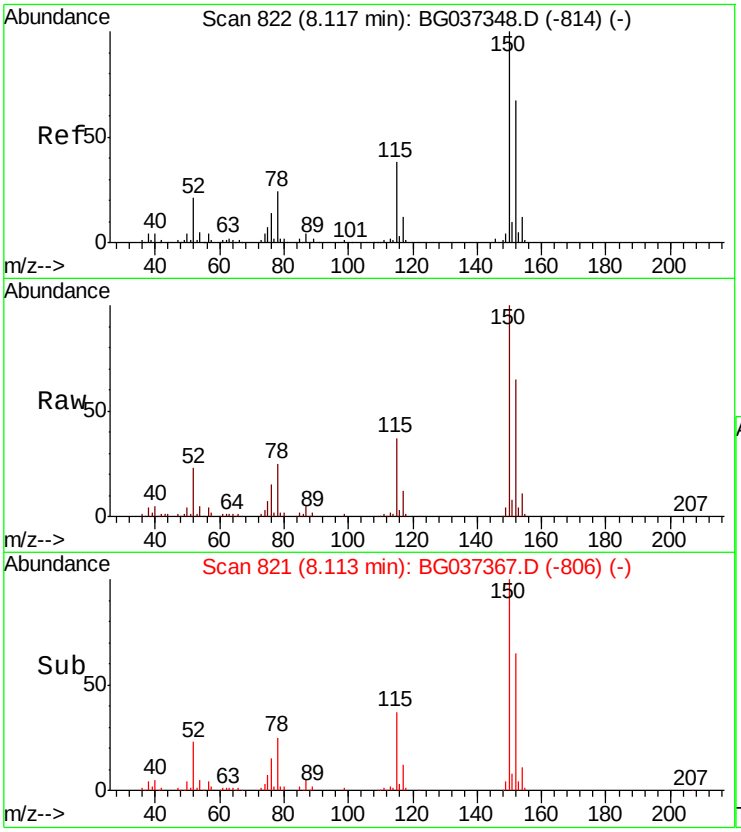


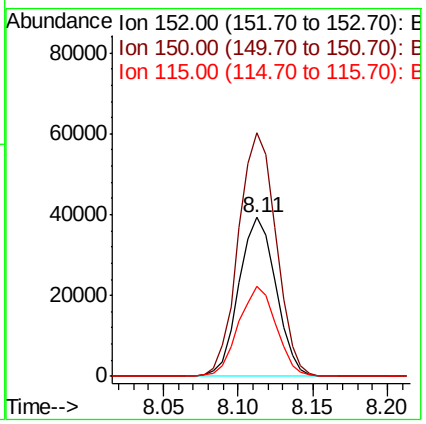


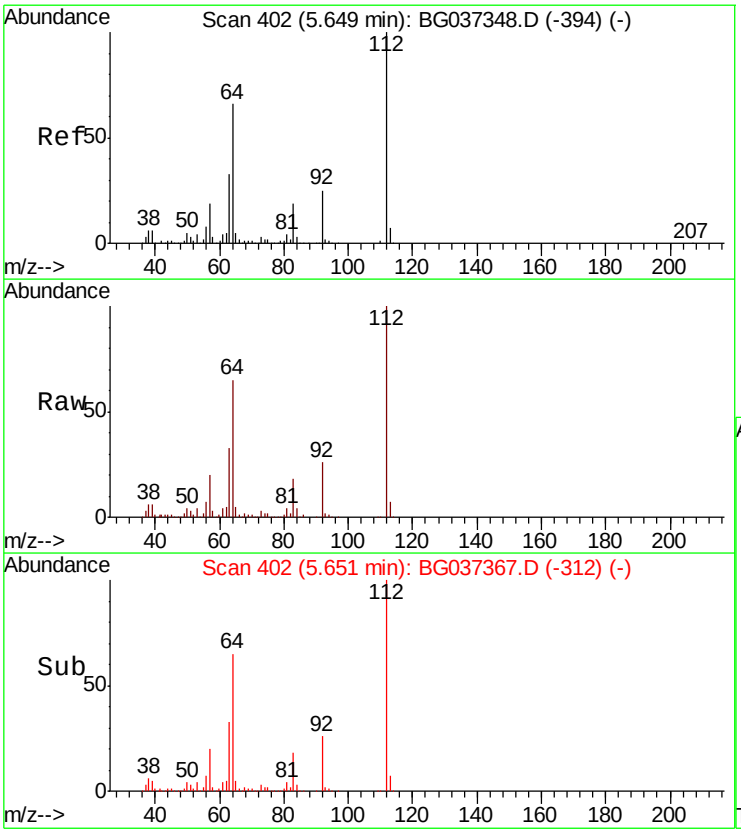
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 67619

Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.0	189.0
115	56.9	45.5	68.3

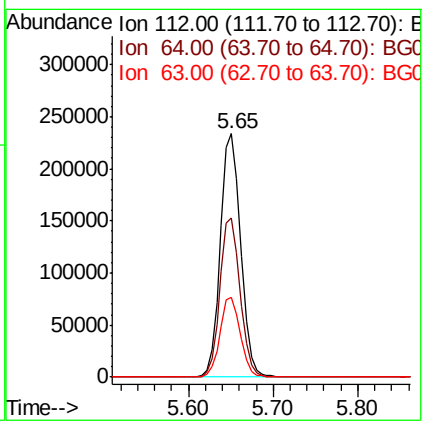


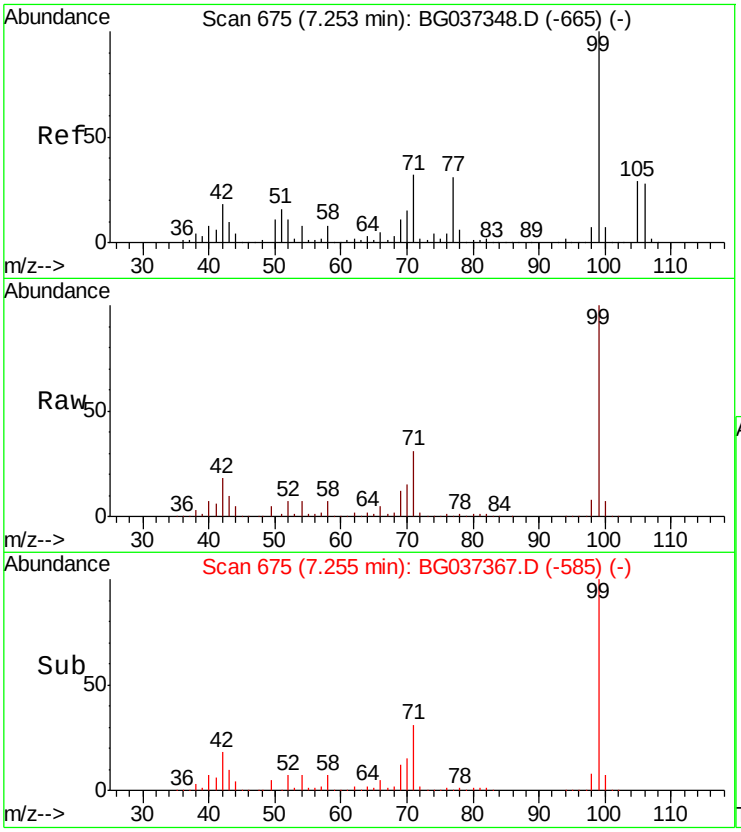


#5
2-Fluorophenol
Concen: 101.269 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Tgt Ion:112 Resp: 389096

Ion	Ratio	Lower	Upper
112	100		
64	65.2	53.1	79.7
63	32.8	27.3	40.9



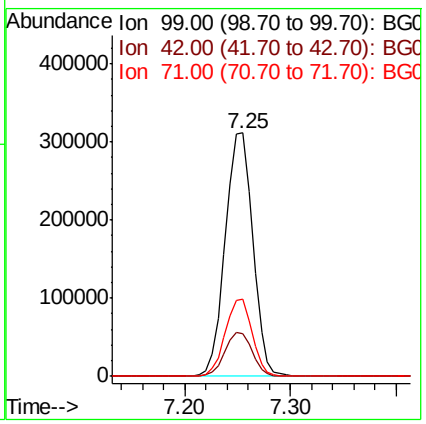


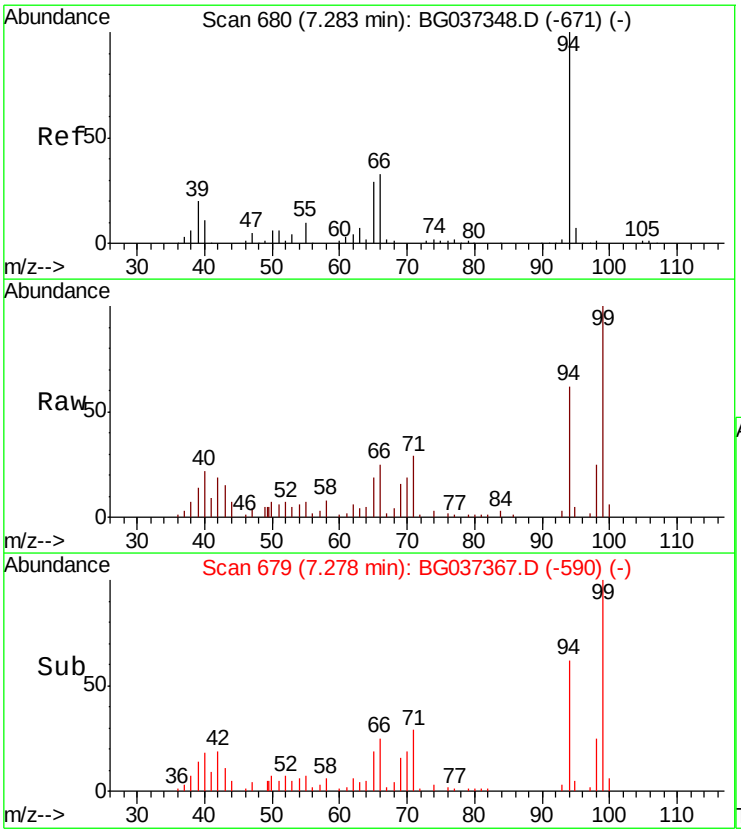
#7
Phenol-d6
Concen: 96.408 ng
RT: 7.25 min Scan# 675
Delta R.T. 0.00 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 562232

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	31.5	25.5	38.3

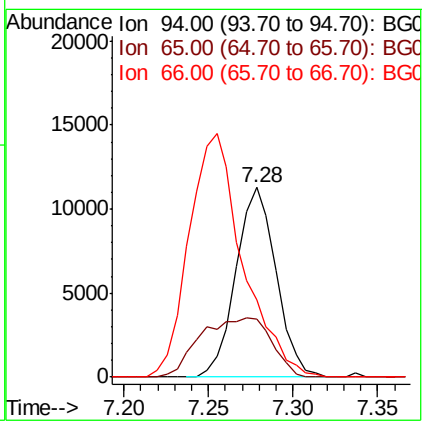


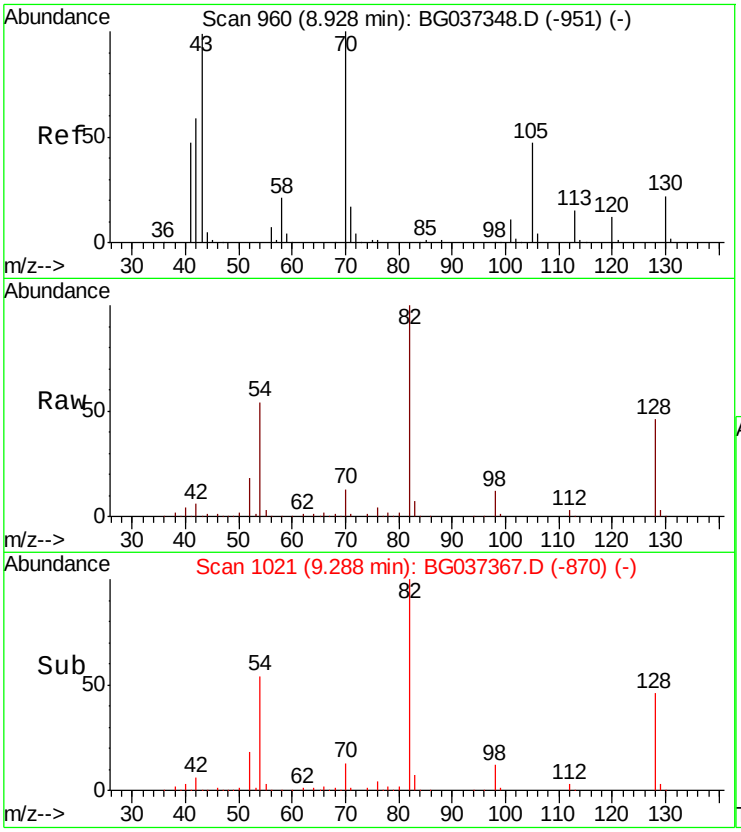


#10
Phenol
Concen: 3.044 ng
RT: 7.28 min Scan# 679
Delta R.T. -0.01 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Tgt Ion: 94 Resp: 18694

Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.7	49.7
66	40.7	15.9	55.9



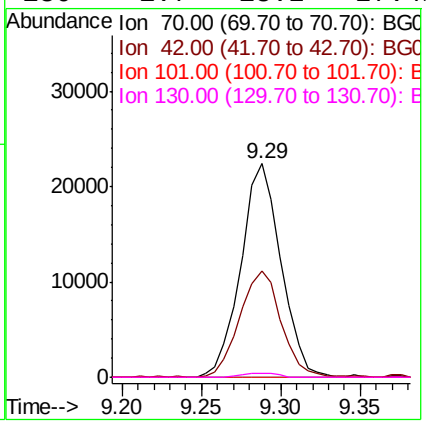


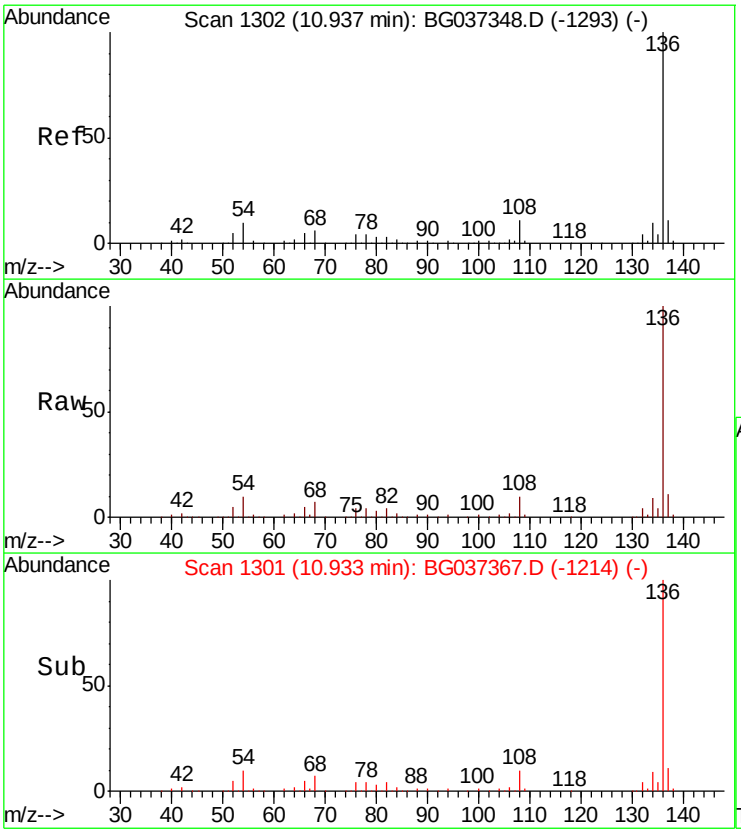
#19
n-Nitroso-di-n-propylamine
Concen: 8.915 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 39362

Ion	Ratio	Lower	Upper
70	100		
42	50.0	53.9	80.9#
101	0.0	8.2	12.2#
130	1.7	18.2	27.4#

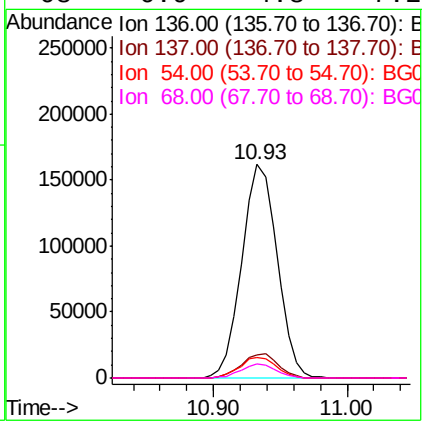


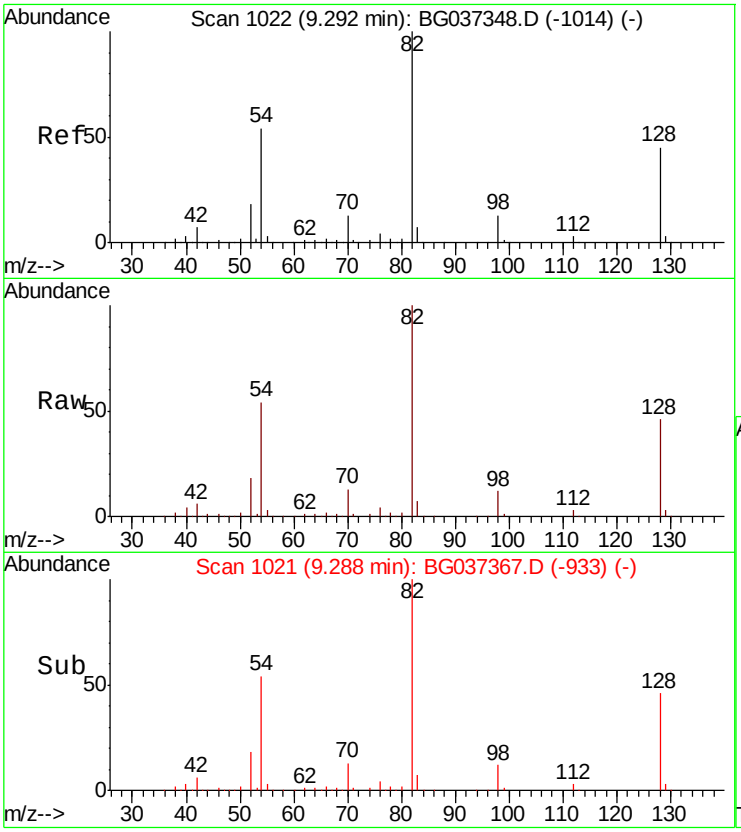


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Tgt Ion:136 Resp: 296086

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	9.8	7.9	11.9
68	6.9	4.8	7.2



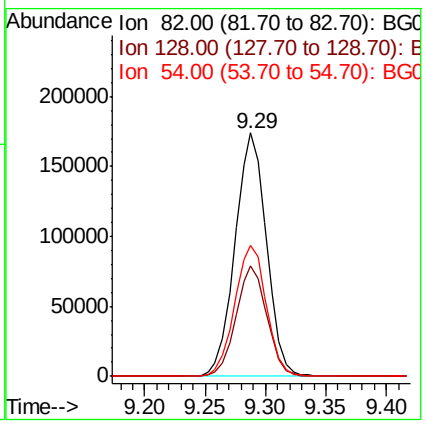


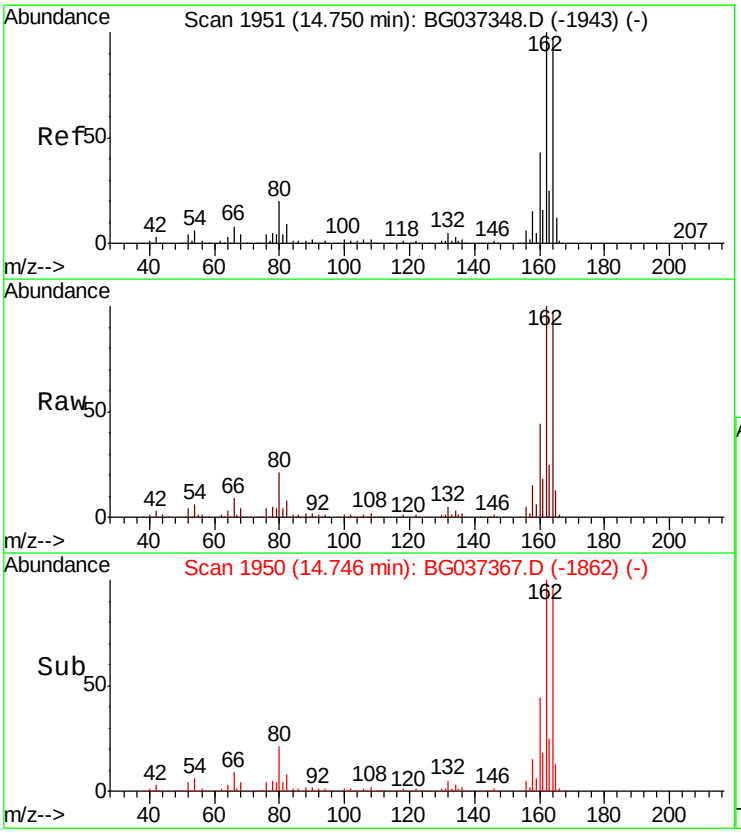
#23
Nitrobenzene-d5
Concen: 69.962 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 315077

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	53.9	45.3	67.9

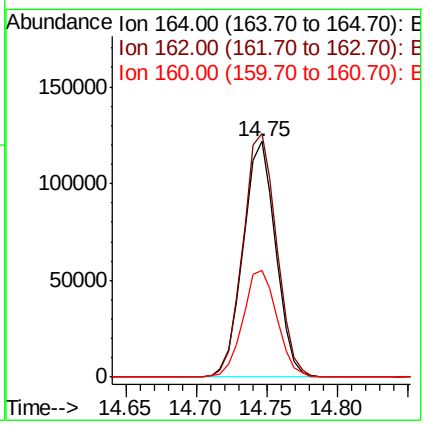


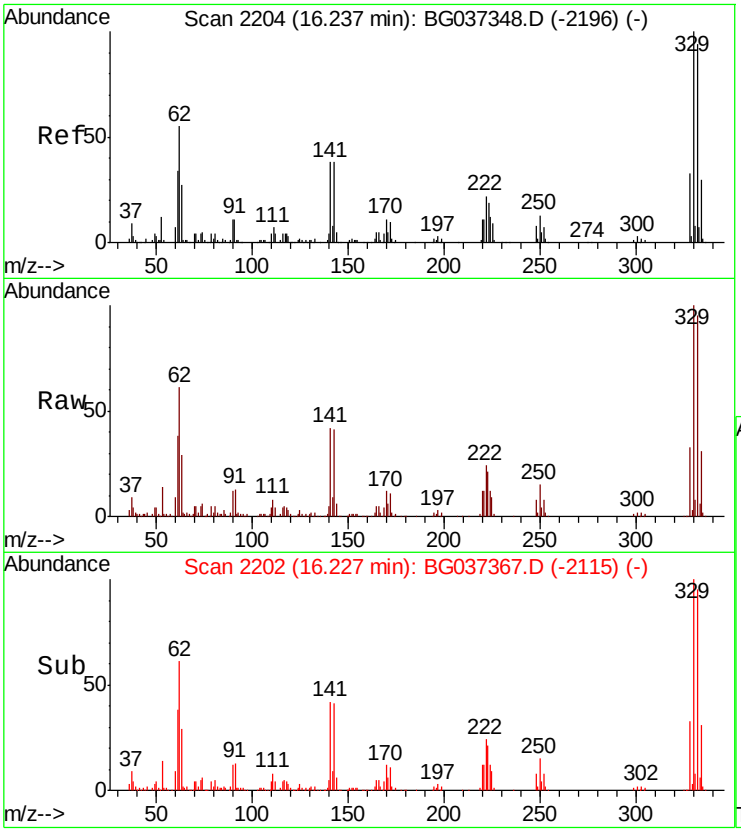


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Tgt Ion:164 Resp: 197149

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.3	121.9
160	45.2	36.3	54.5



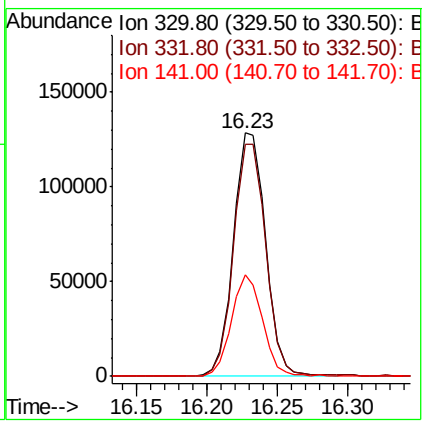


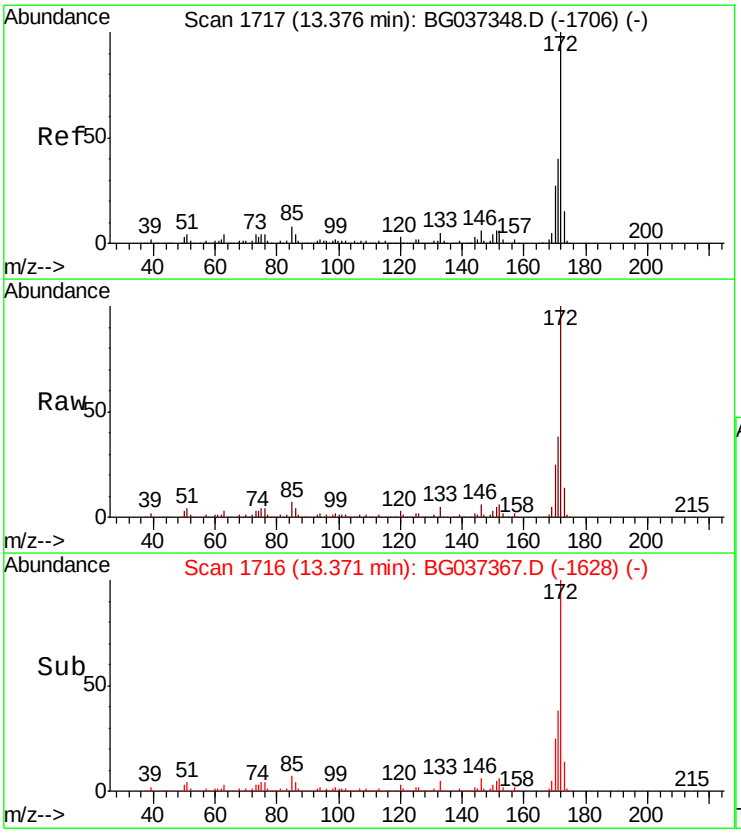
#42
2,4,6-Tribromophenol
Concen: 105.726 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 204419

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.4	117.6
141	40.6	32.2	48.2

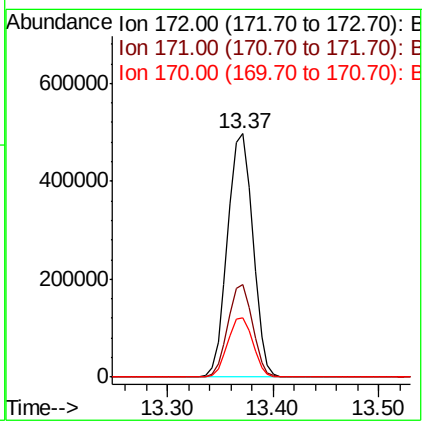


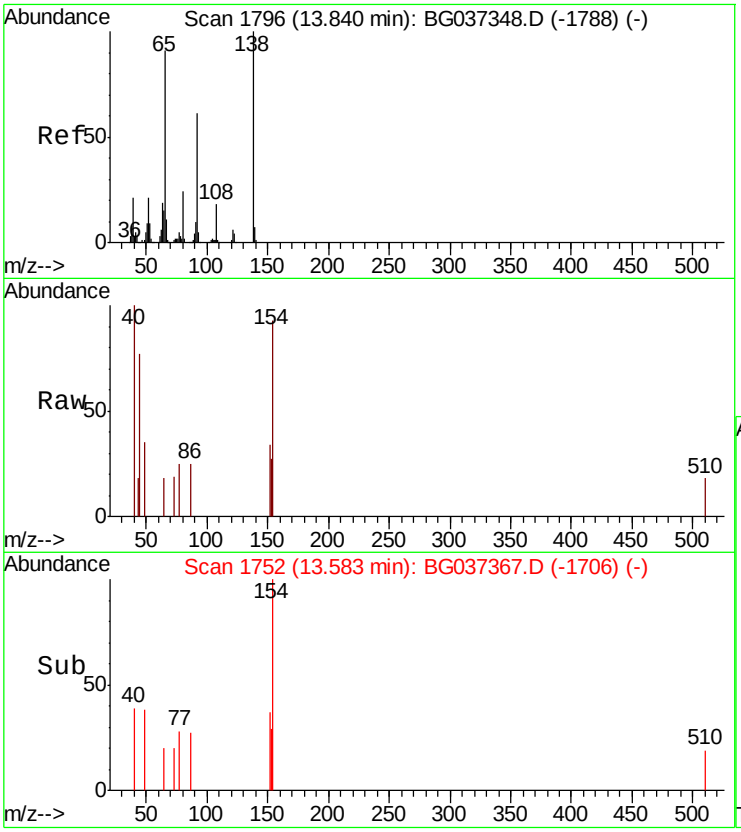


#45
2-Fluorobiphenyl
Concen: 62.716 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Tgt Ion:172 Resp: 823330

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	24.6	20.2	30.2



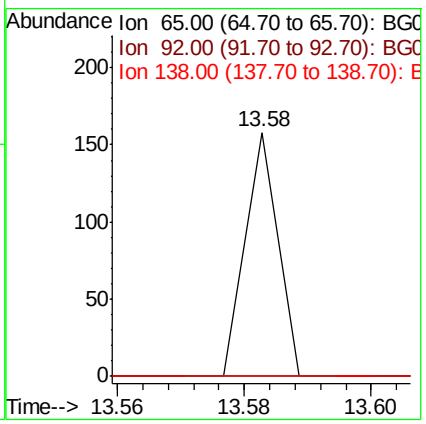


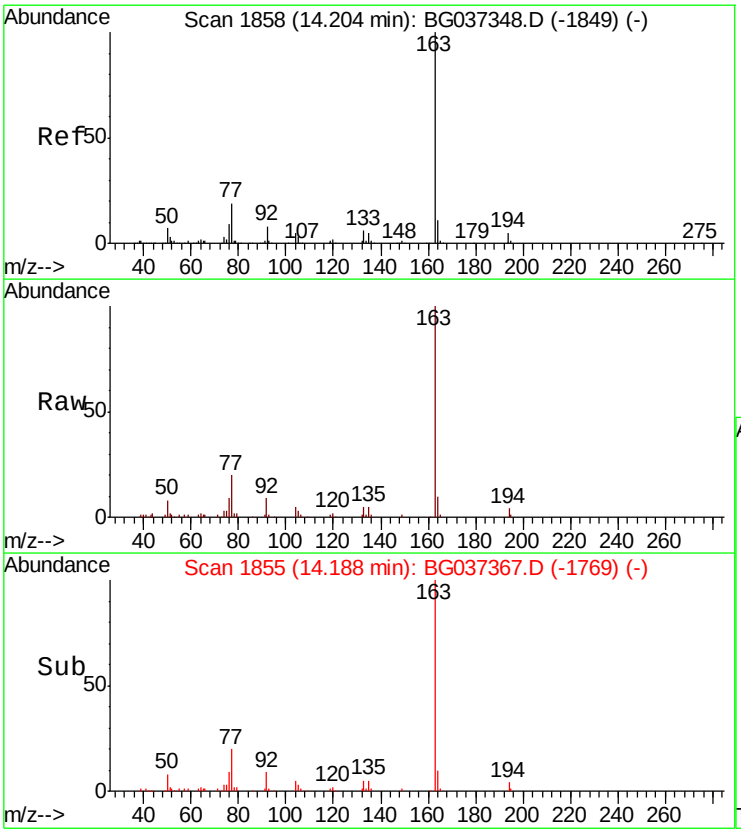
#48
2-Nitroaniline
Concen: 5.770 ng
RT: 13.58 min Scan# 1752
Delta R.T. -0.26 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 56

Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.2	79.8#
138	0.0	79.3	118.9#

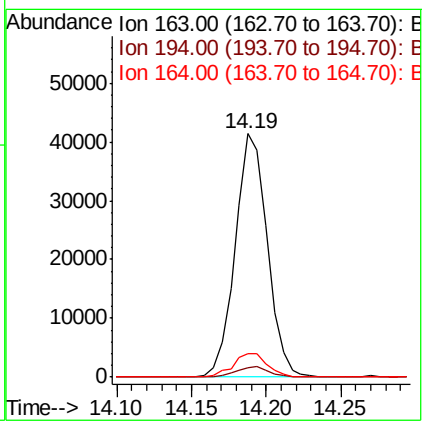


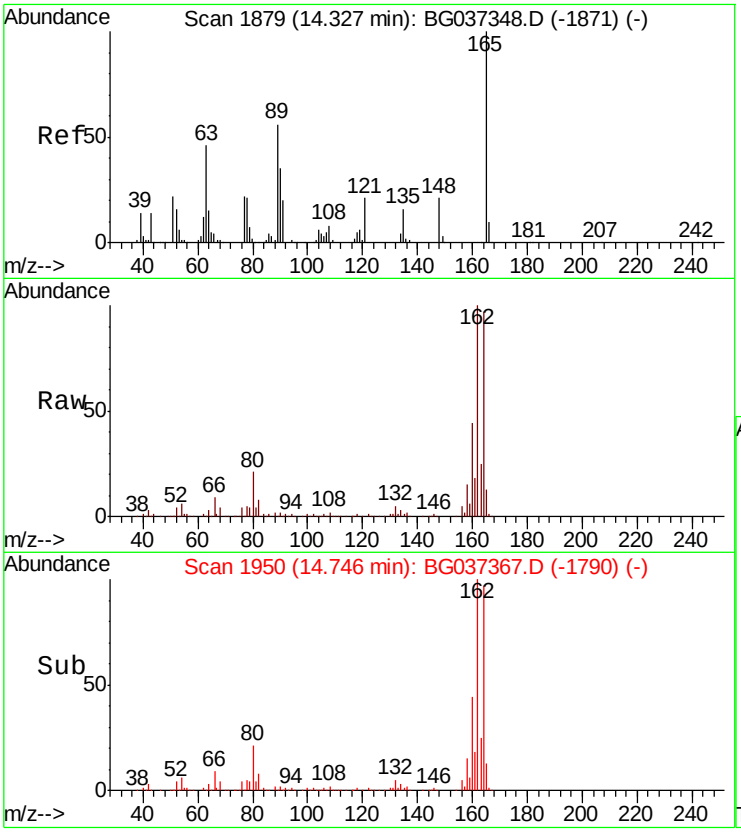


#50
Dimethylphthalate
Concen: 3.983 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Tgt Ion:163 Resp: 61716

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.6	8.5	12.7



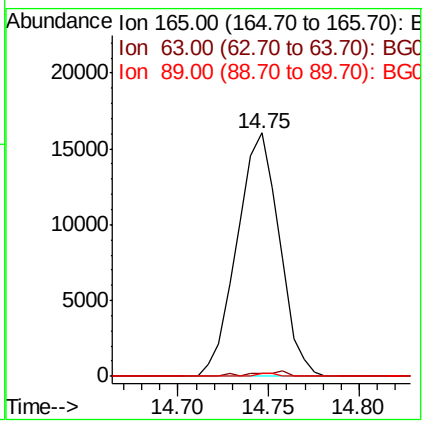


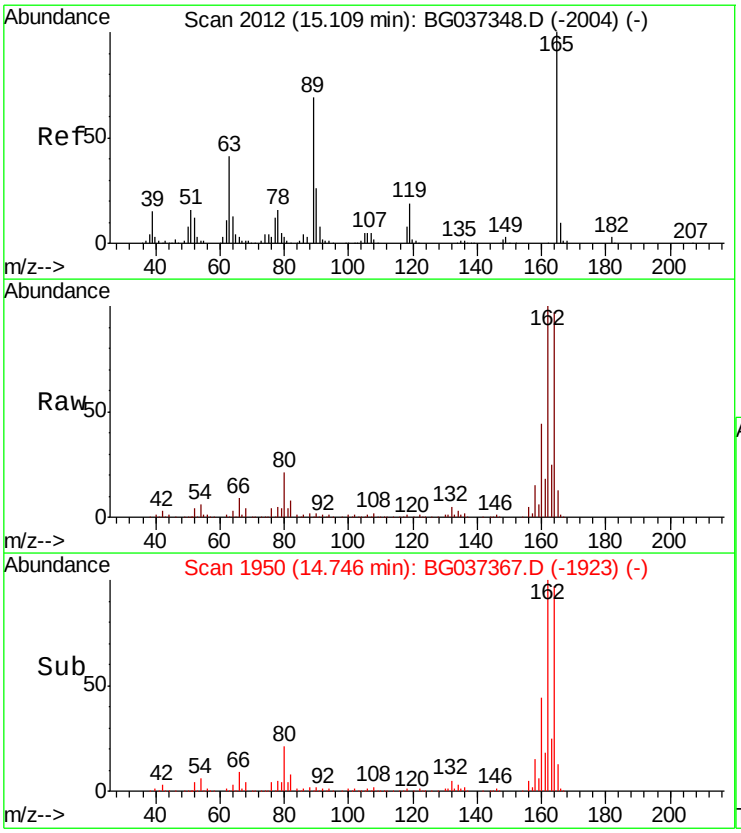
#51
2,6-Dinitrotoluene
Concen: 12.613 ng
RT: 14.75 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 26098

Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.2#
89	1.4	45.8	68.6#

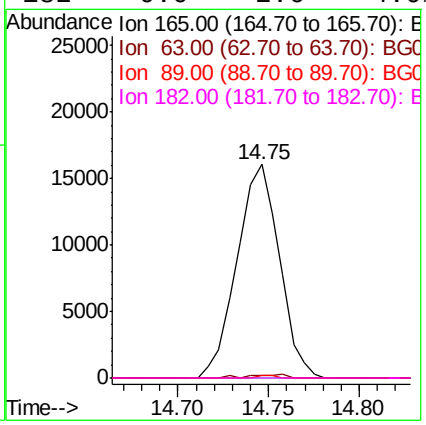


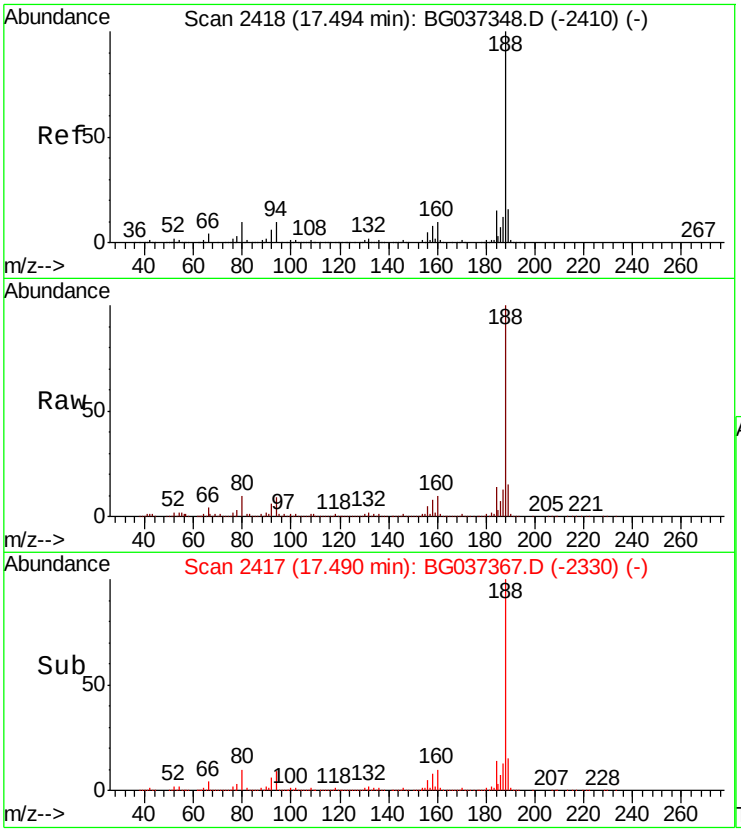


#57
2,4-Dinitrotoluene
Concen: 11.423 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Tgt Ion:165 Resp: 26098

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



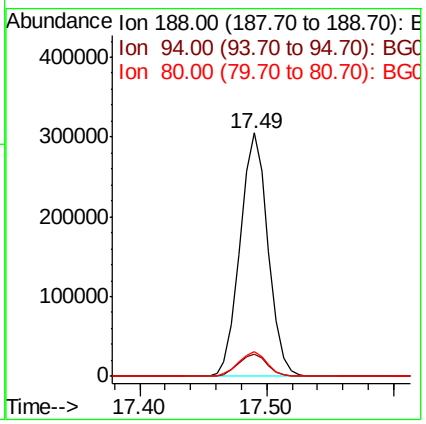


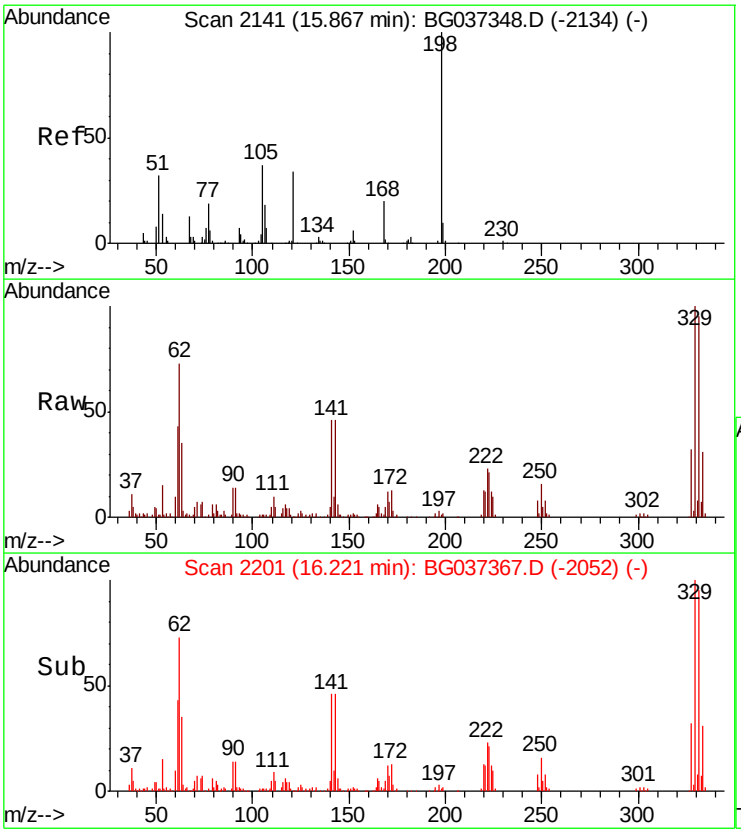
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 466172

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.0	7.7	11.5

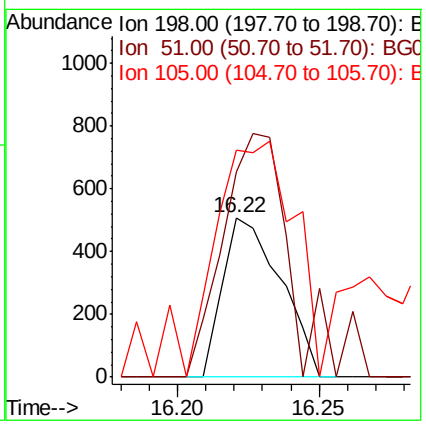


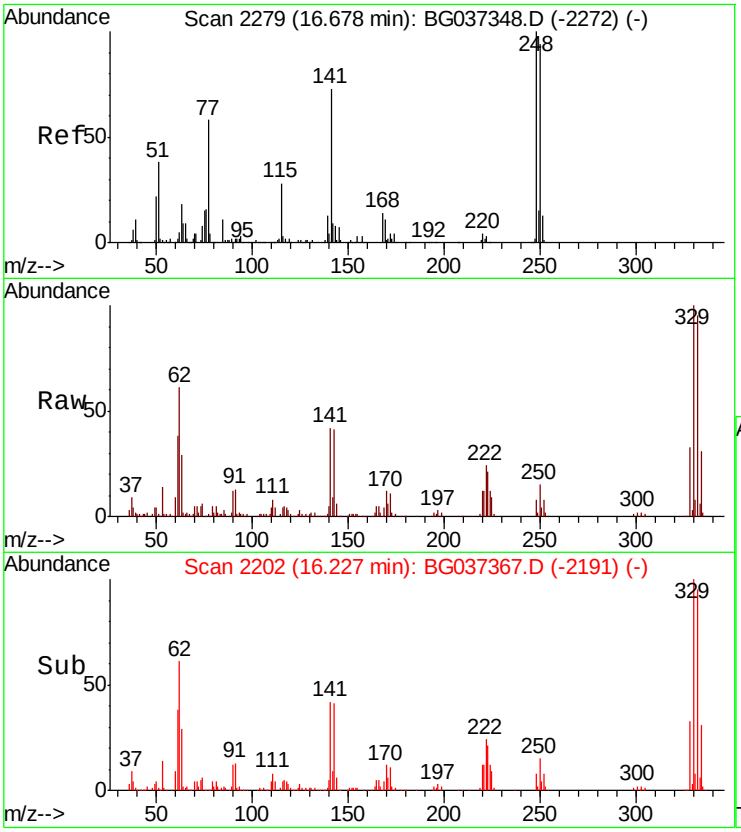


#65
4,6-Dinitro-2-methylphenol
Concen: 6.379 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.35 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Tgt Ion:198 Resp: 722

Ion	Ratio	Lower	Upper
198	100		
51	33.4	22.7	62.7
105	37.0	19.7	59.7



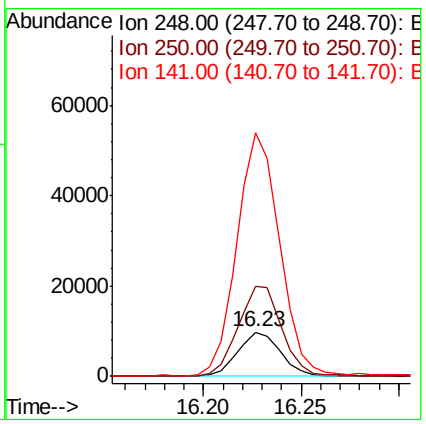


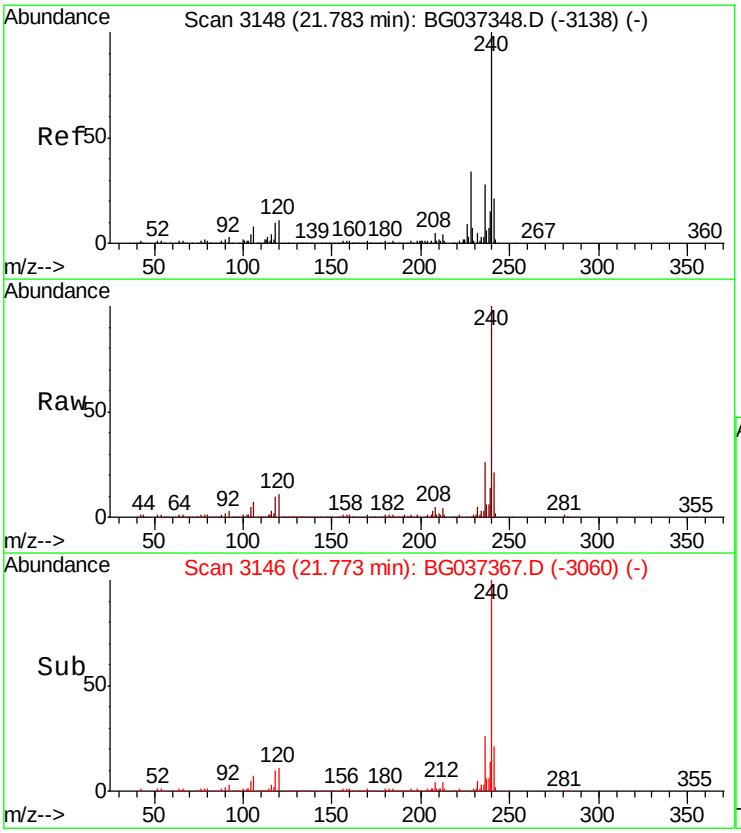
#67
4-Bromophenyl-phenylether
Concen: 2.957 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.46 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14878

Ion	Ratio	Lower	Upper
248	100		
250	202.4	77.0	115.6#
141	429.5	55.5	83.3#

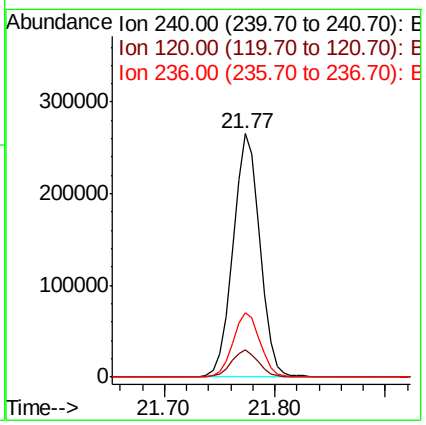


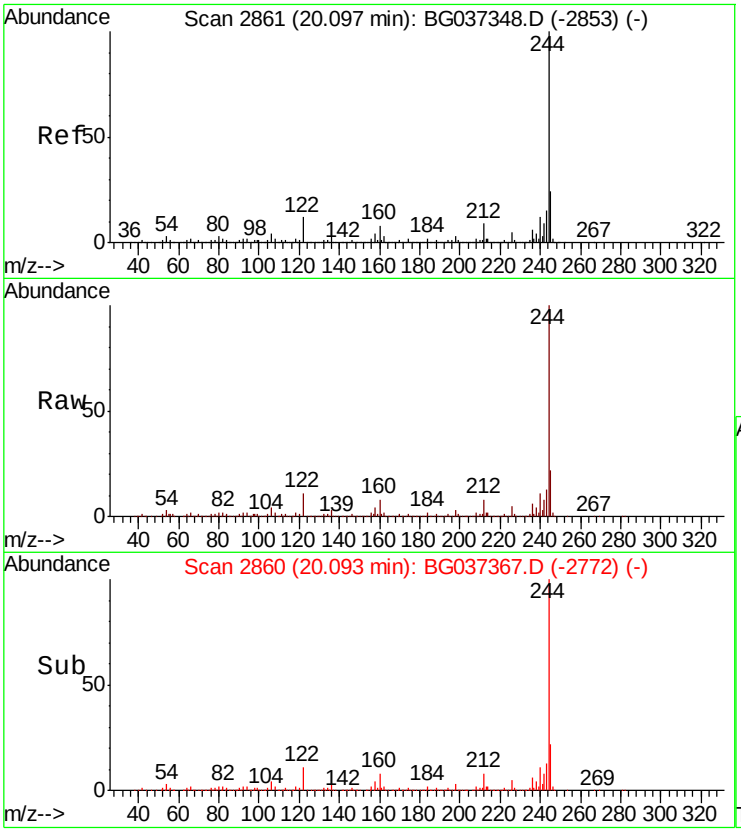


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Tgt Ion:240 Resp: 453484

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	26.4	21.4	32.0



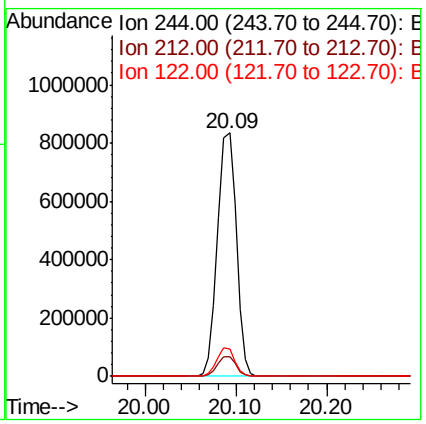


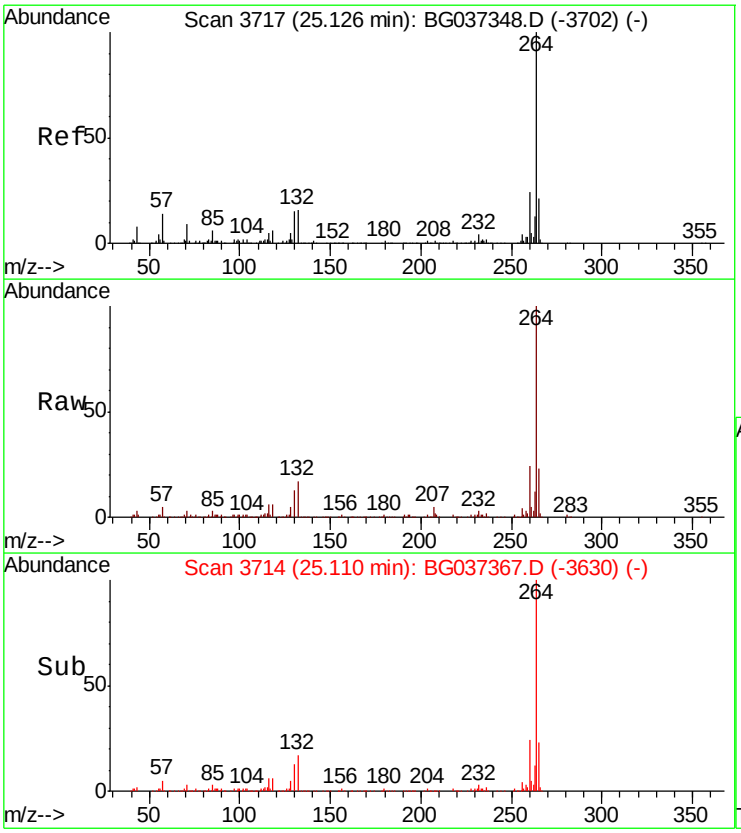
#79
Terphenyl-d14
Concen: 56.040 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1210299

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.0	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.03 min
Lab File: BG037367.D
Acq: 16 Oct 2018 20:06

Tgt Ion:264 Resp: 477747

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.8	17.9	26.9