Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037382.D
Acq On : 17 Oct 2018 8:54
Operator : JU/SJ
Sample : J5524-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 17 11:18:23 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	62219	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	260506	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	175327	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	441559	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	417534	20.00	ng	-0.02
87) Perylene-d12	25.11	264	415624	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	399063	112.88	ng	0.00
7) Phenol-d6	7.25	99	515867	96.13	ng	0.00
23) Nitrobenzene-d5	9.29	82	358140	90.39	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	189624	110.28	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	852786	73.05	ng	-0.01
79) Terphenyl-d14	20.09	244	1427357	71.78	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	44808	11.029	ng	# 76
48) 2-Nitroaniline	13.37	65	1511	6.206	ng	# 19
51) 2,6-Dinitrotoluene	14.74	165	22150	12.257	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	22150	11.145	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	629	6.344	ng	# 66
67) 4-Bromophenyl-phenylether	16.23	248	13536	2.840	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 17 Oct 2018 8:54
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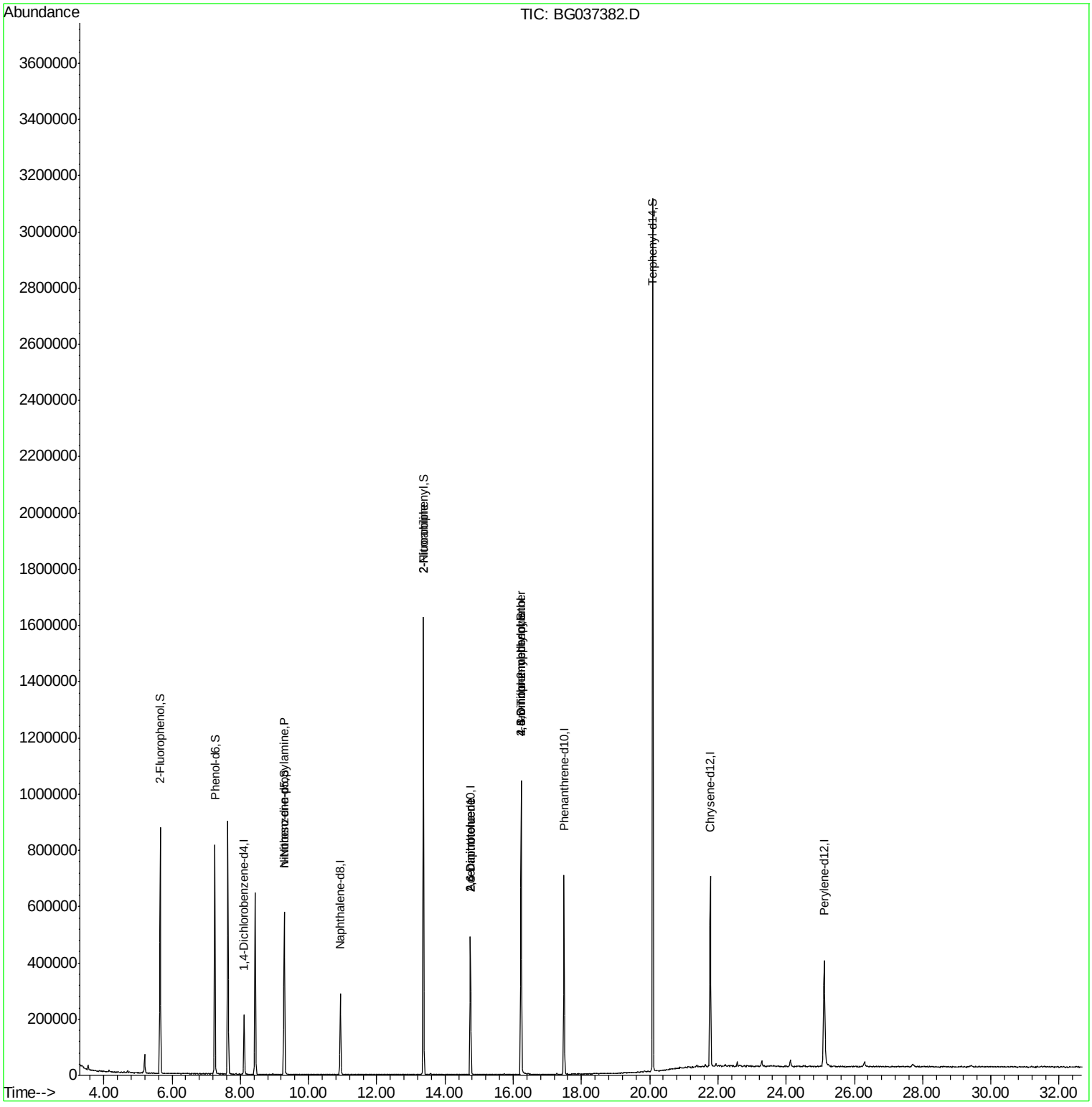
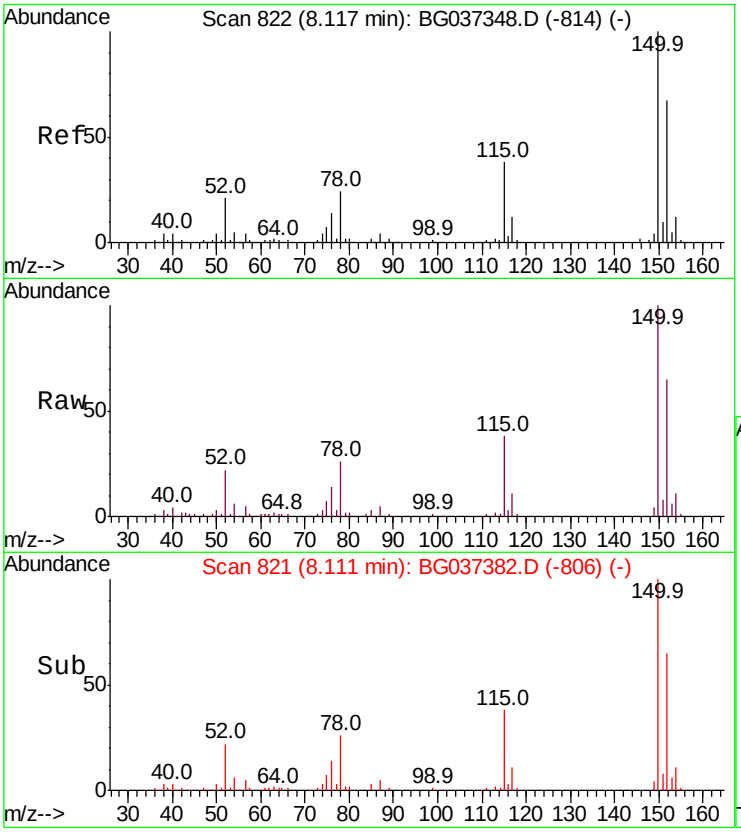
ClientSampleId :

Quant Time: Oct 17 11:18:23 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



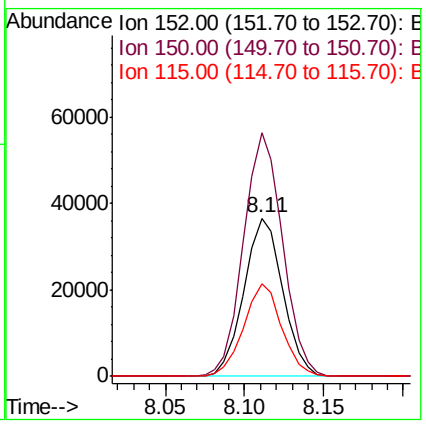


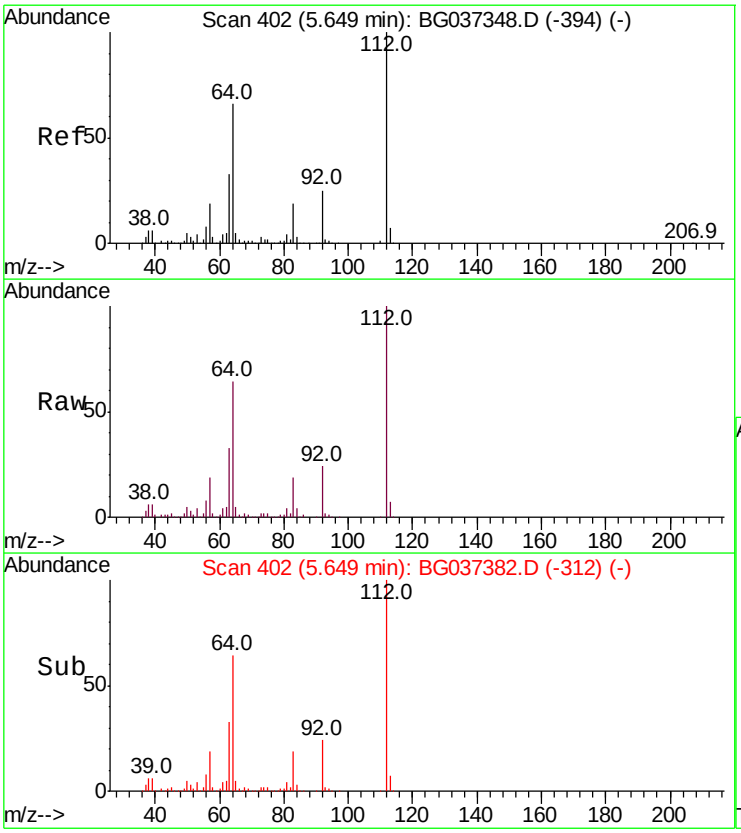
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 62219

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.0	189.0
115	58.2	45.5	68.3

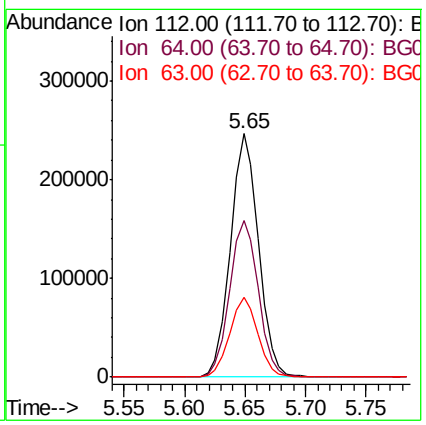


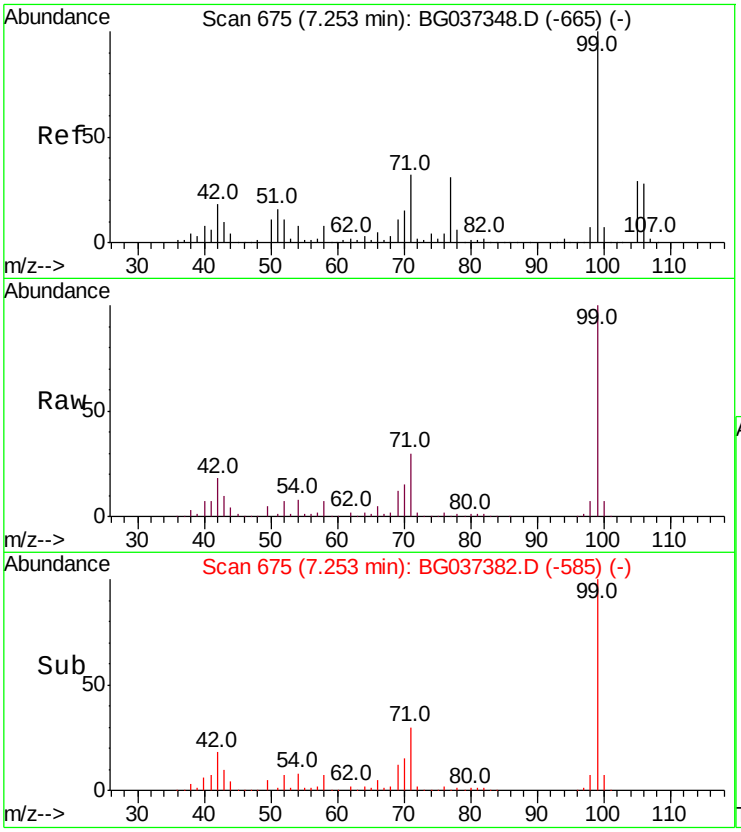


#5
2-Fluorophenol
Concen: 112.878 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Tgt Ion:112 Resp: 399063

Ion	Ratio	Lower	Upper
112	100		
64	64.4	53.1	79.7
63	32.9	27.3	40.9



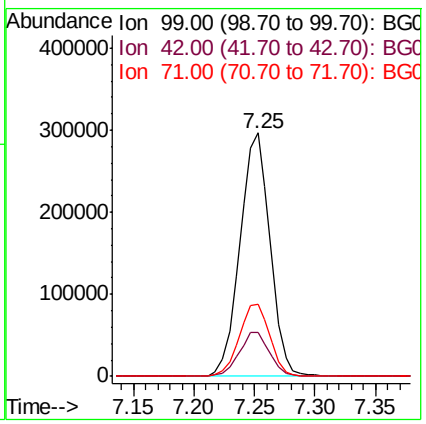


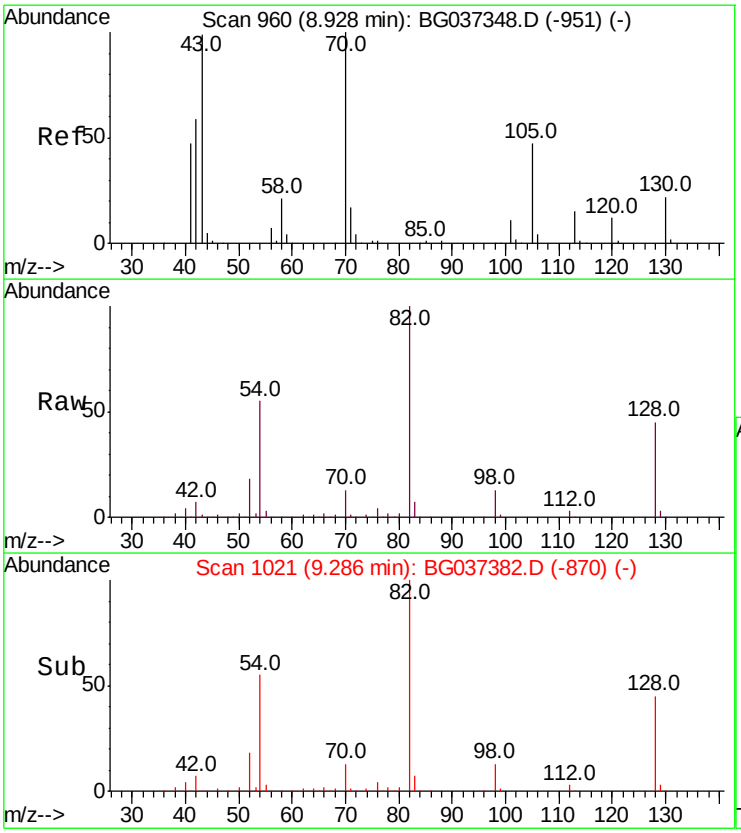
#7
Phenol-d6
Concen: 96.134 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 515867

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.4
71	29.9	25.5	38.3

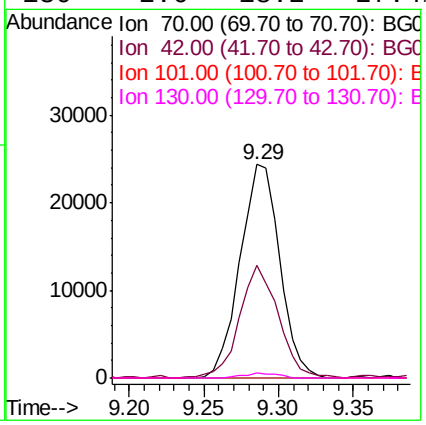


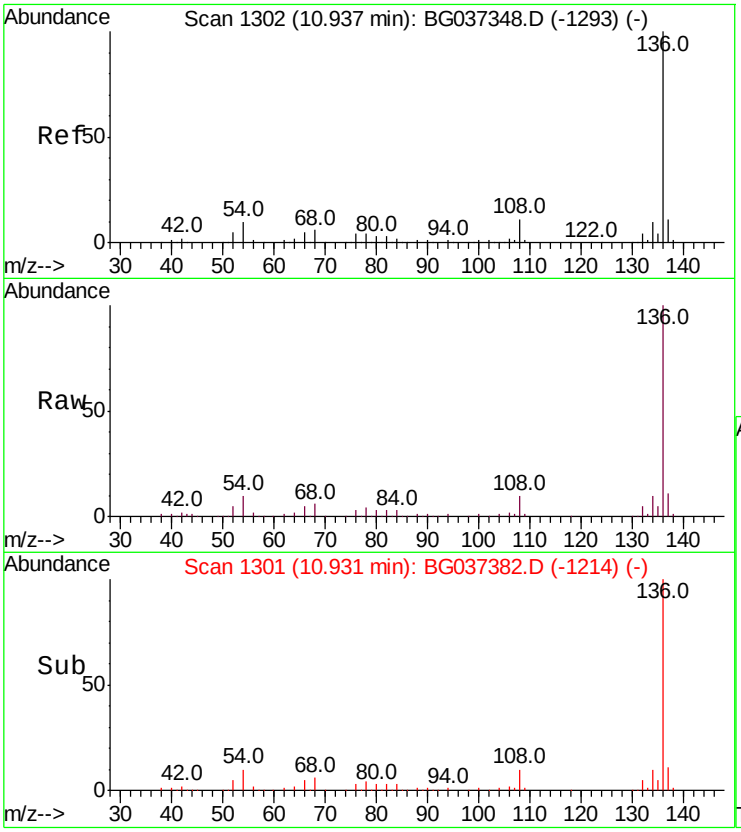


#19
n-Nitroso-di-n-propylamine
Concen: 11.029 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Tgt Ion: 70 Resp: 44808

Ion	Ratio	Lower	Upper
70	100		
42	52.8	53.9	80.9#
101	0.0	8.2	12.2#
130	2.6	18.2	27.4#



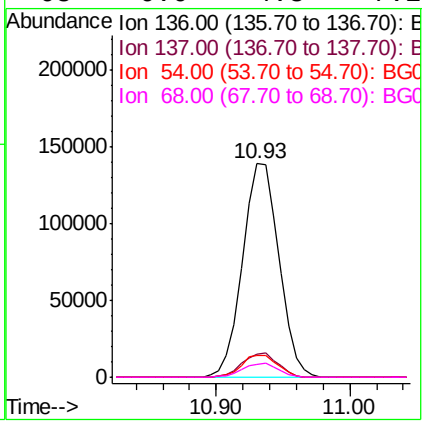


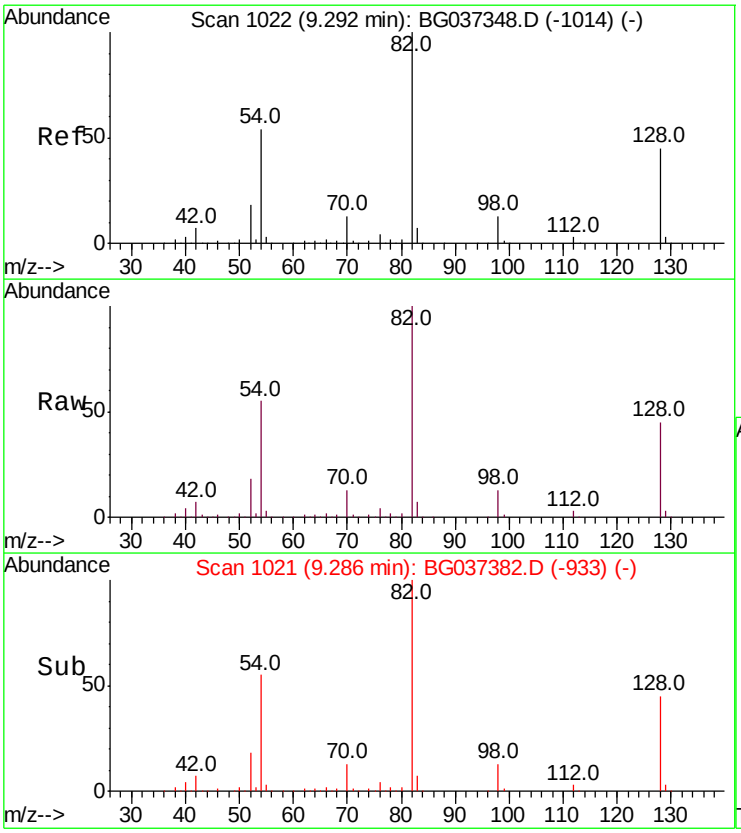
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 260506

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	10.2	7.9	11.9
68	6.0	4.8	7.2

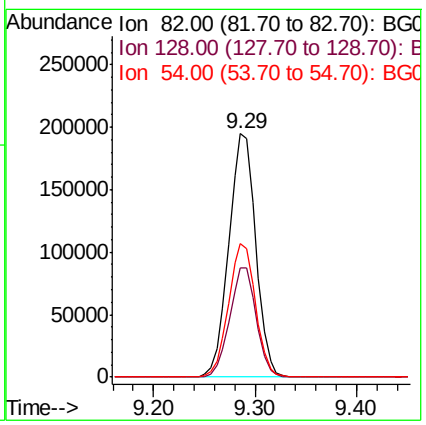


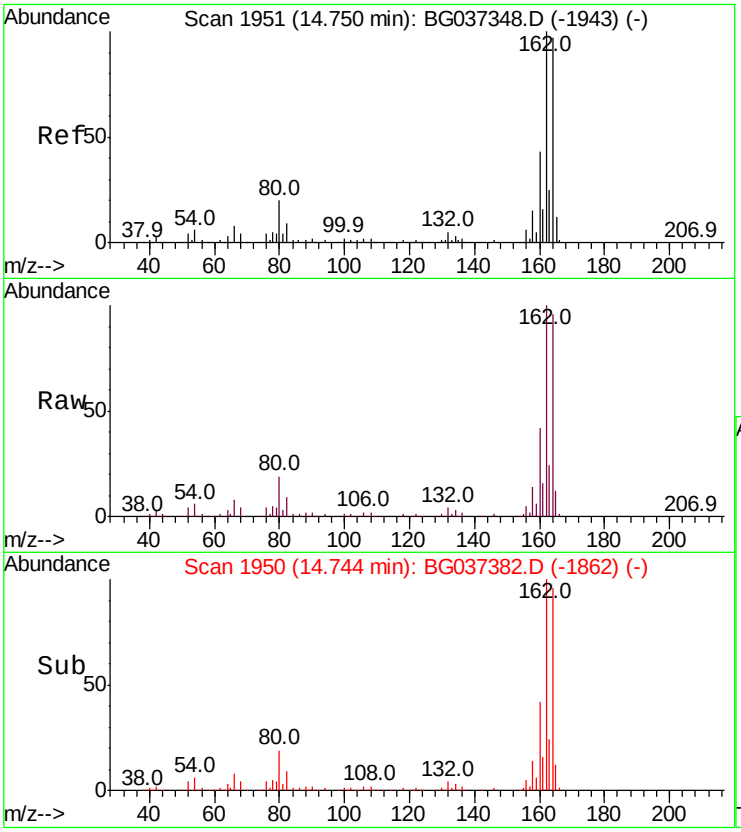


#23
Nitrobenzene-d5
Concen: 90.385 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Tgt Ion: 82 Resp: 358140

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	55.0	45.3	67.9



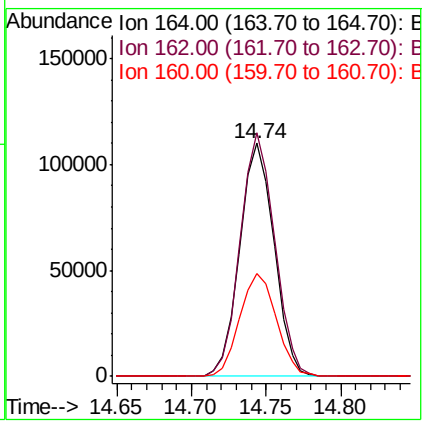


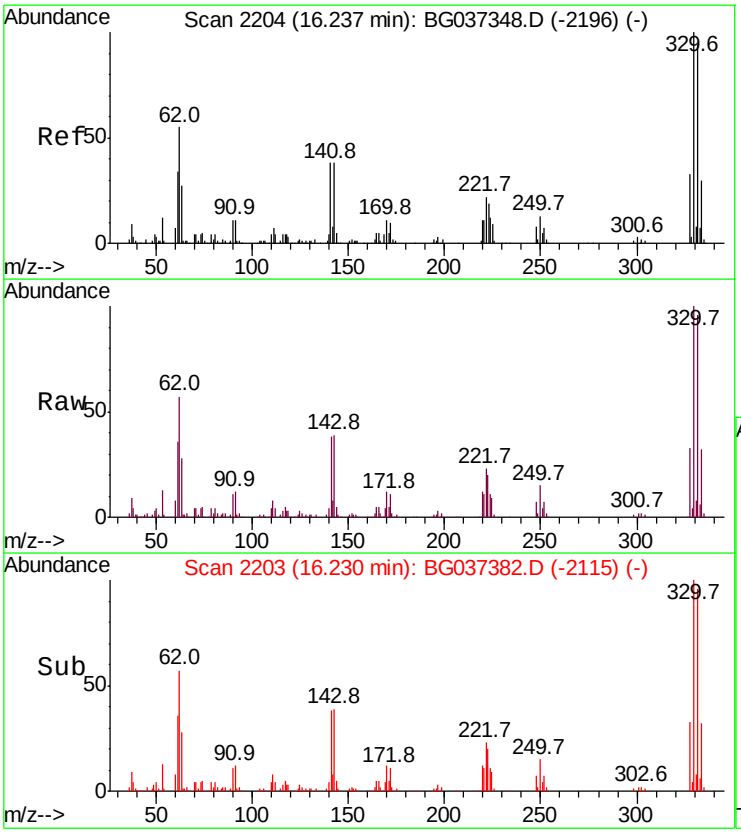
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 175327

Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.3	121.9
160	44.0	36.3	54.5

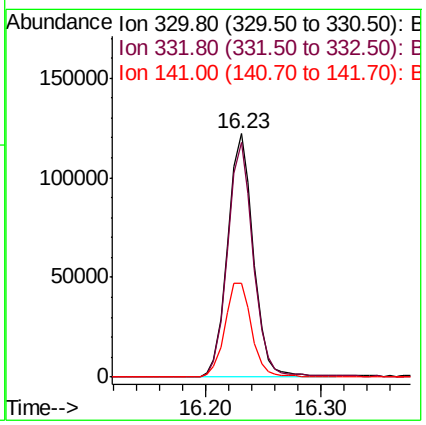


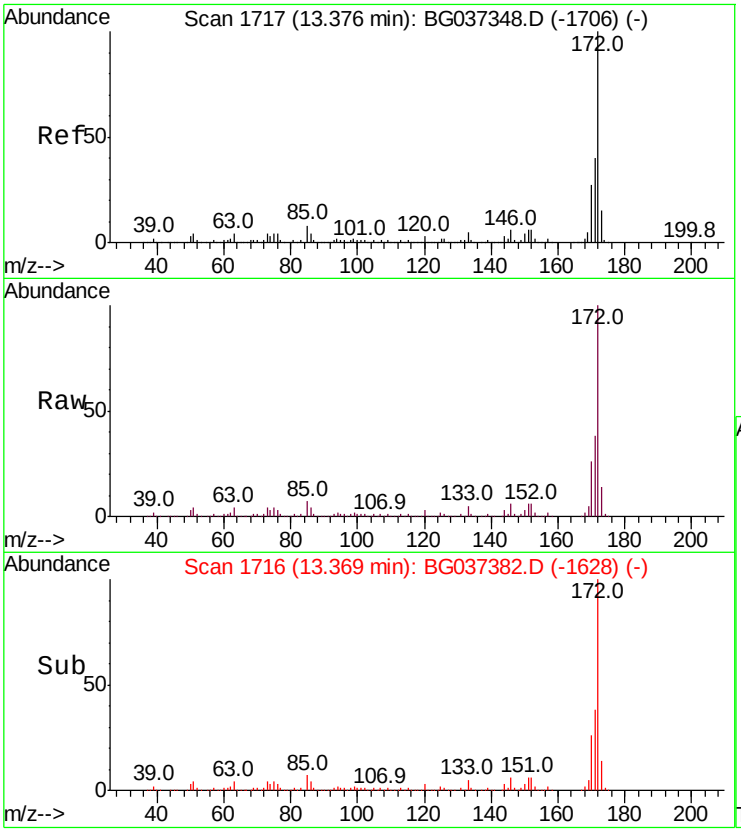


#42
2,4,6-Tribromophenol
Concen: 110.281 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Tgt Ion:330 Resp: 189624

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	40.2	32.2	48.2



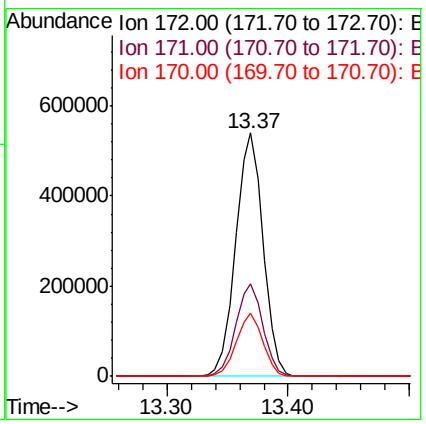


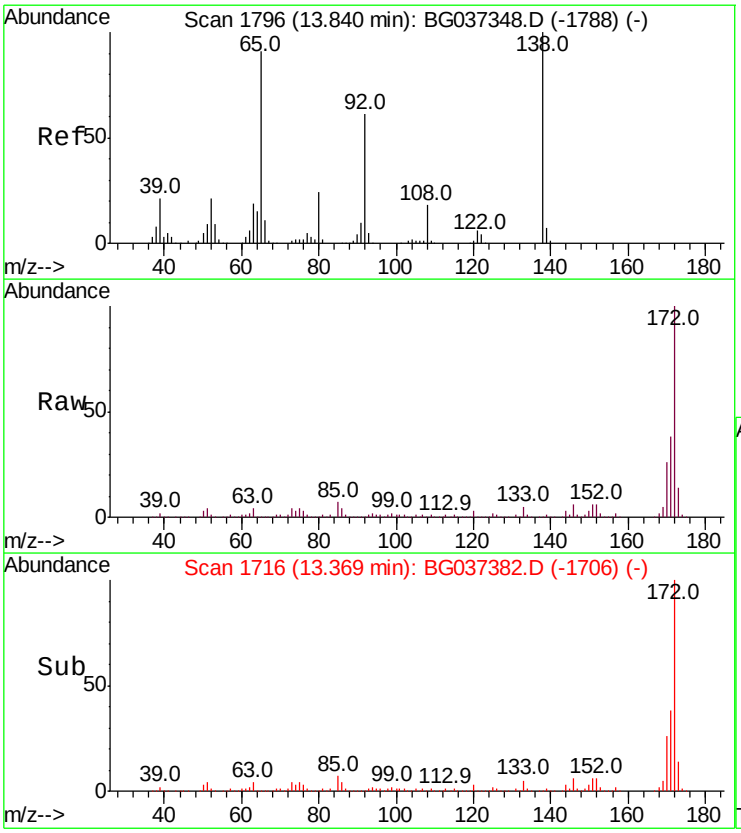
#45
2-Fluorobiphenyl
Concen: 73.045 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 852786

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	26.0	20.2	30.2

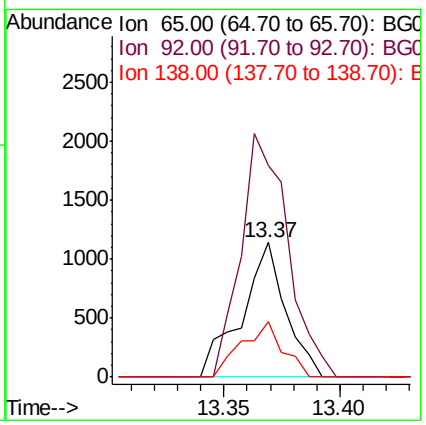


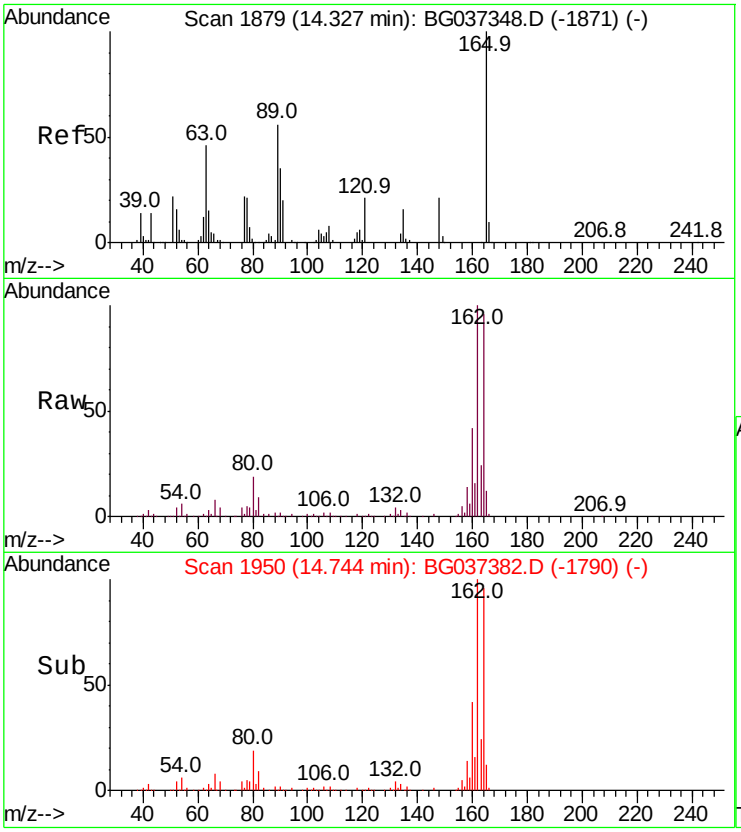


#48
2-Nitroaniline
Concen: 6.206 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.47 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Tgt Ion: 65 Resp: 1511

Ion	Ratio	Lower	Upper
65	100		
92	157.6	53.2	79.8#
138	41.3	79.3	118.9#



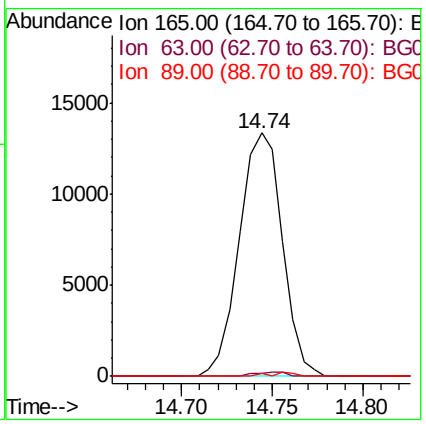


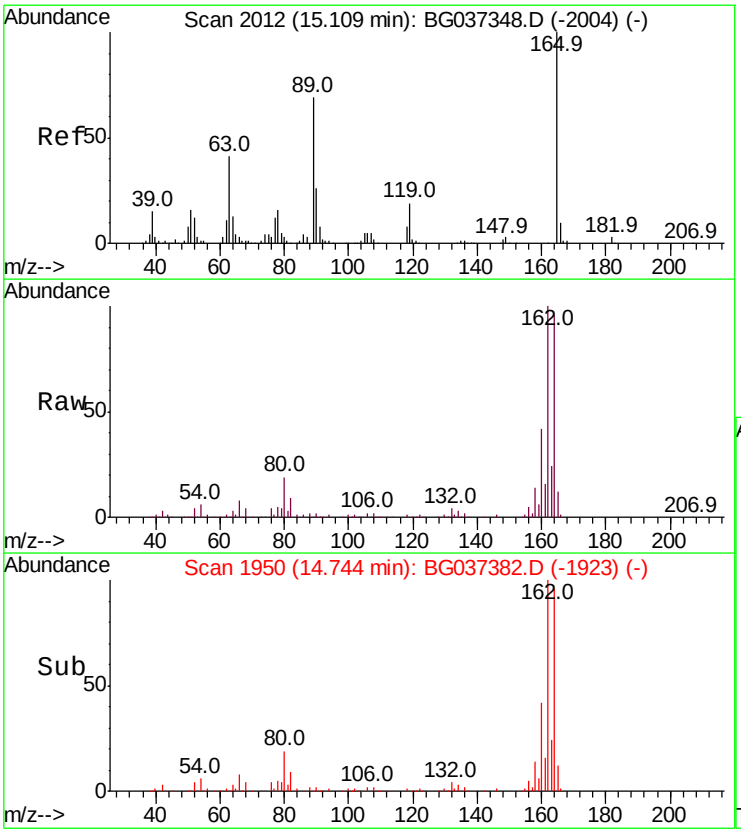
#51
2,6-Dinitrotoluene
Concen: 12.257 ng
RT: 14.74 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22150

Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.2#
89	1.3	45.8	68.6#

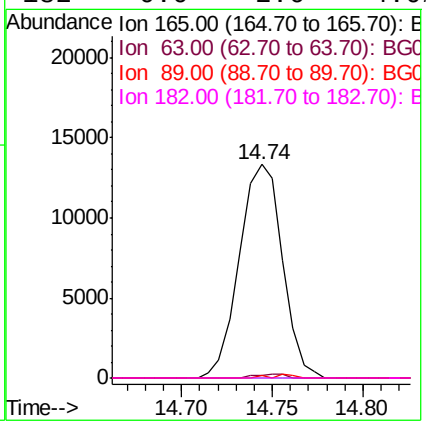


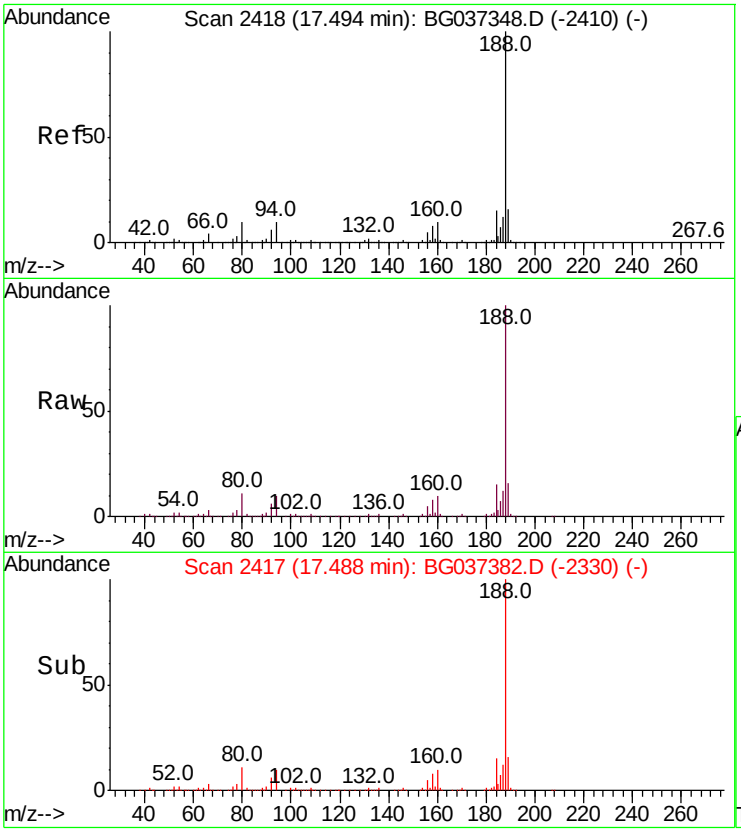


#57
2,4-Dinitrotoluene
Concen: 11.145 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Tgt Ion:165 Resp: 22150

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#



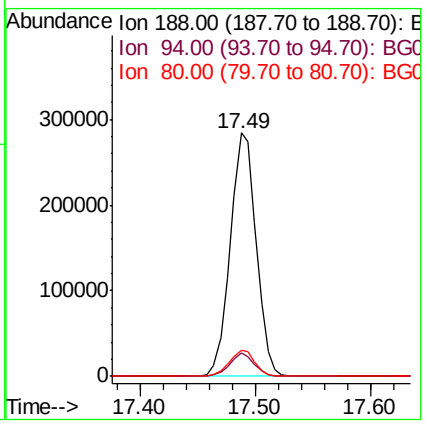


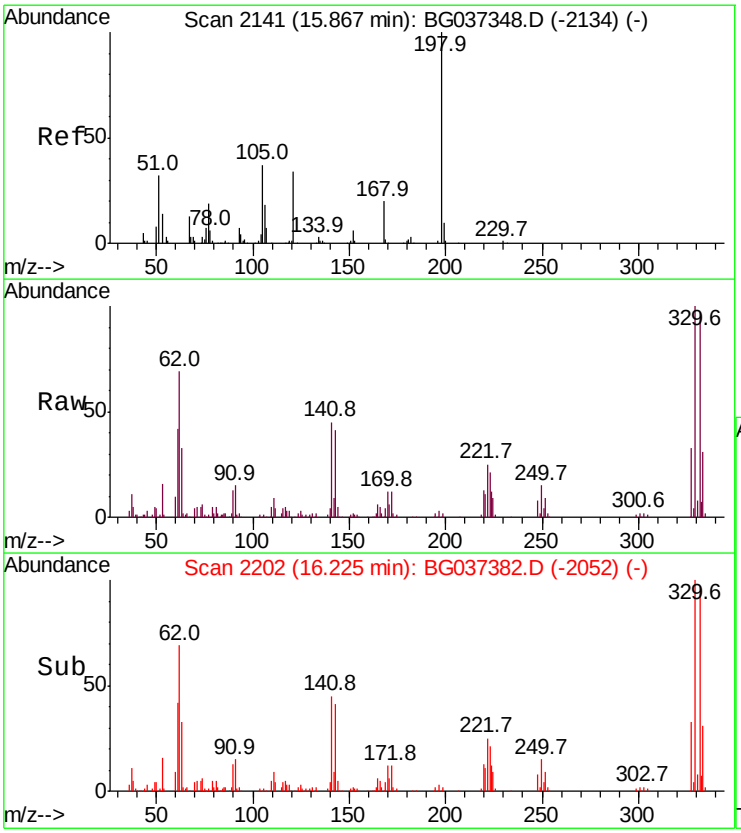
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 441559

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.6	7.7	11.5

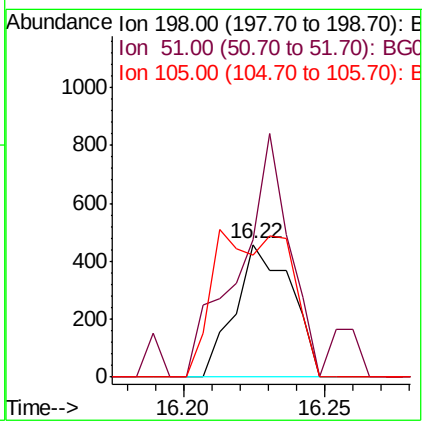


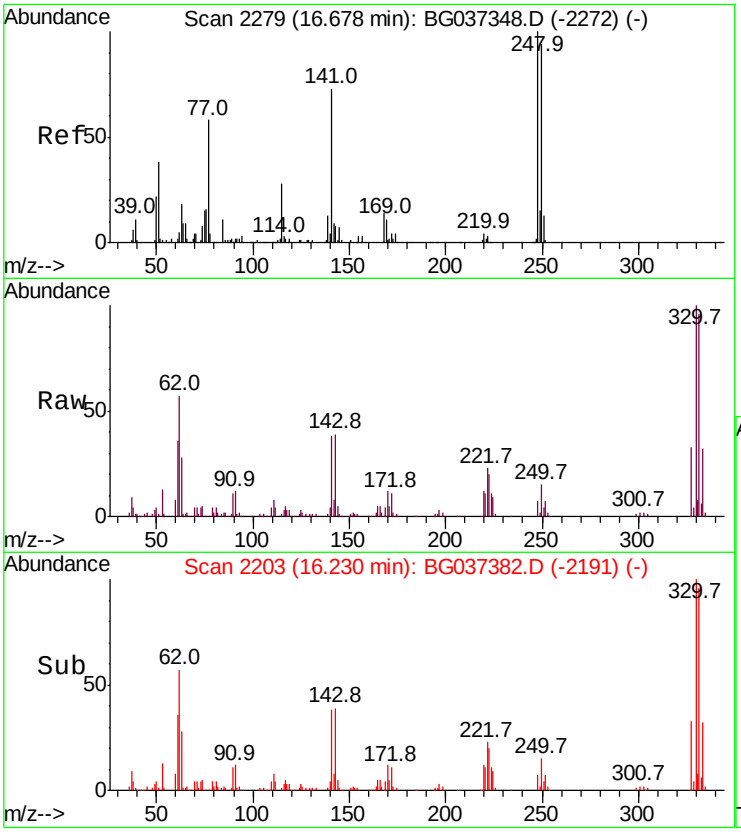


#65
4,6-Dinitro-2-methylphenol
Concen: 6.344 ng
RT: 16.22 min Scan# 2202
Delta R.T. 0.35 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Tgt Ion:198 Resp: 629

Ion	Ratio	Lower	Upper
198	100		
51	20.9	22.7	62.7#
105	18.6	19.7	59.7#



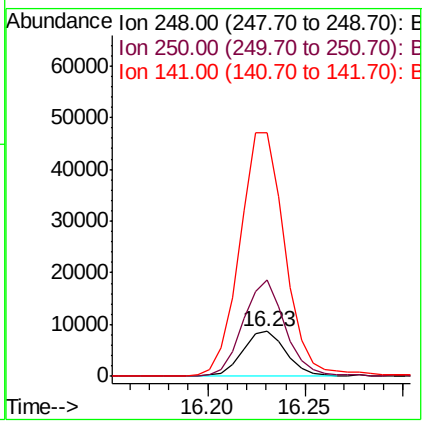


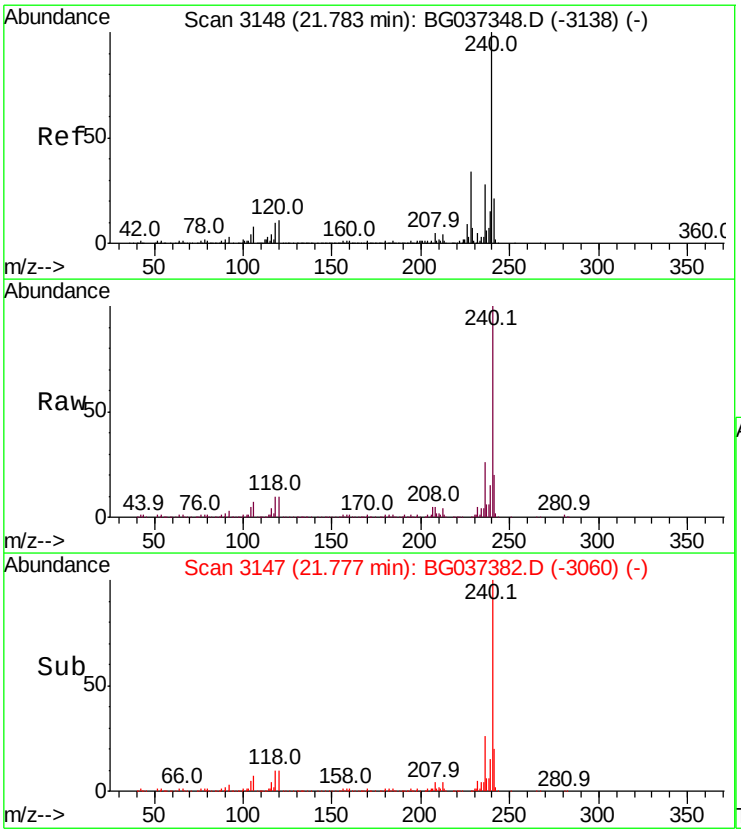
#67
4-Bromophenyl-phenylether
Concen: 2.840 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13536

Ion	Ratio	Lower	Upper
248	100		
250	210.3	77.0	115.6#
141	413.5	55.5	83.3#

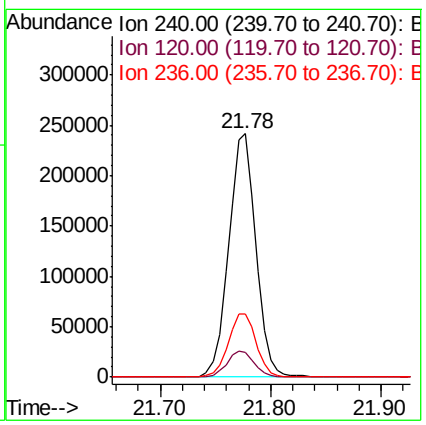


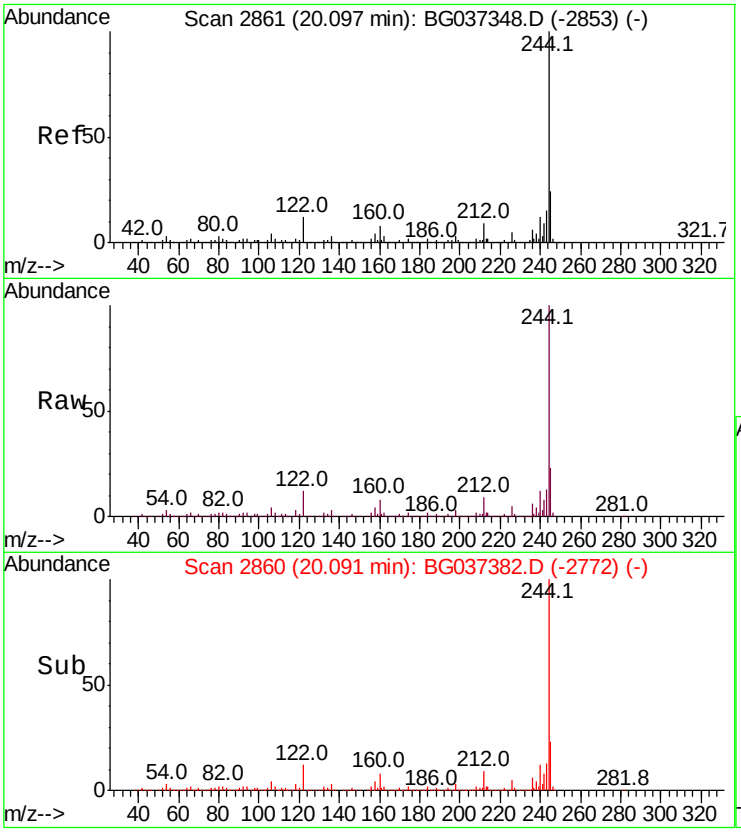


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Tgt Ion:240 Resp: 417534

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	26.0	21.4	32.0



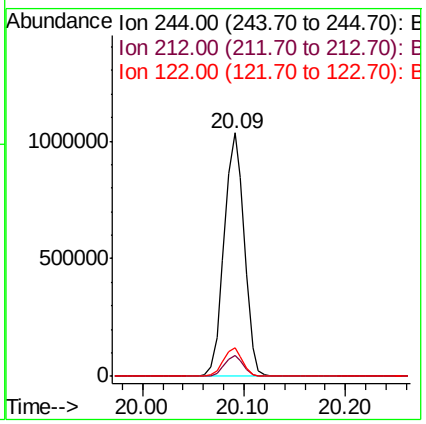


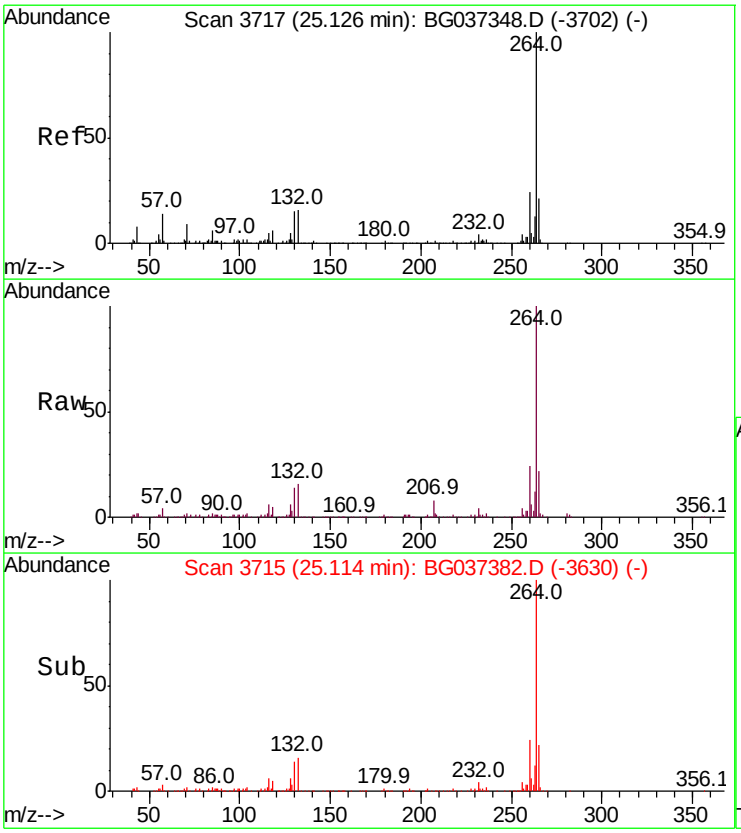
#79
Terphenyl-d14
Concen: 71.781 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1427357

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.6	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3715
Delta R.T. -0.03 min
Lab File: BG037382.D
Acq: 17 Oct 2018 8:54

Tgt Ion:264 Resp: 415624

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	22.0	17.9	26.9