Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037365.D
Acq On : 16 Oct 2018 18:47
Operator : JU/SJ
Sample : J5520-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 17 01:39:23 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	63841	20.00	ng		-0.01
21) Naphthalene-d8	10.93	136	267532	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	183362	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	476760	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	436746	20.00	ng		-0.02
87) Perylene-d12	25.11	264	436654	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	150	0.04	ng		0.00
7) Phenol-d6	7.25	99	2434	0.44	ng		0.00
23) Nitrobenzene-d5	9.29	82	214802	52.79	ng		-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
45) 2-Fluorobiphenyl	13.37	172	575474	47.13	ng		-0.01
79) Terphenyl-d14	20.09	244	944937	45.43	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	27005	6.478	ng	#	72
48) 2-Nitroaniline	13.62	65	67	5.774	ng	#	7
50) Dimethylphthalate	14.19	163	64952	4.507	ng		99
51) 2,6-Dinitrotoluene	14.74	165	23748	12.445	ng	#	25
57) 2,4-Dinitrotoluene	14.74	165	23748	11.291	ng	#	25

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
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Acq On : 16 Oct 2018 18:47
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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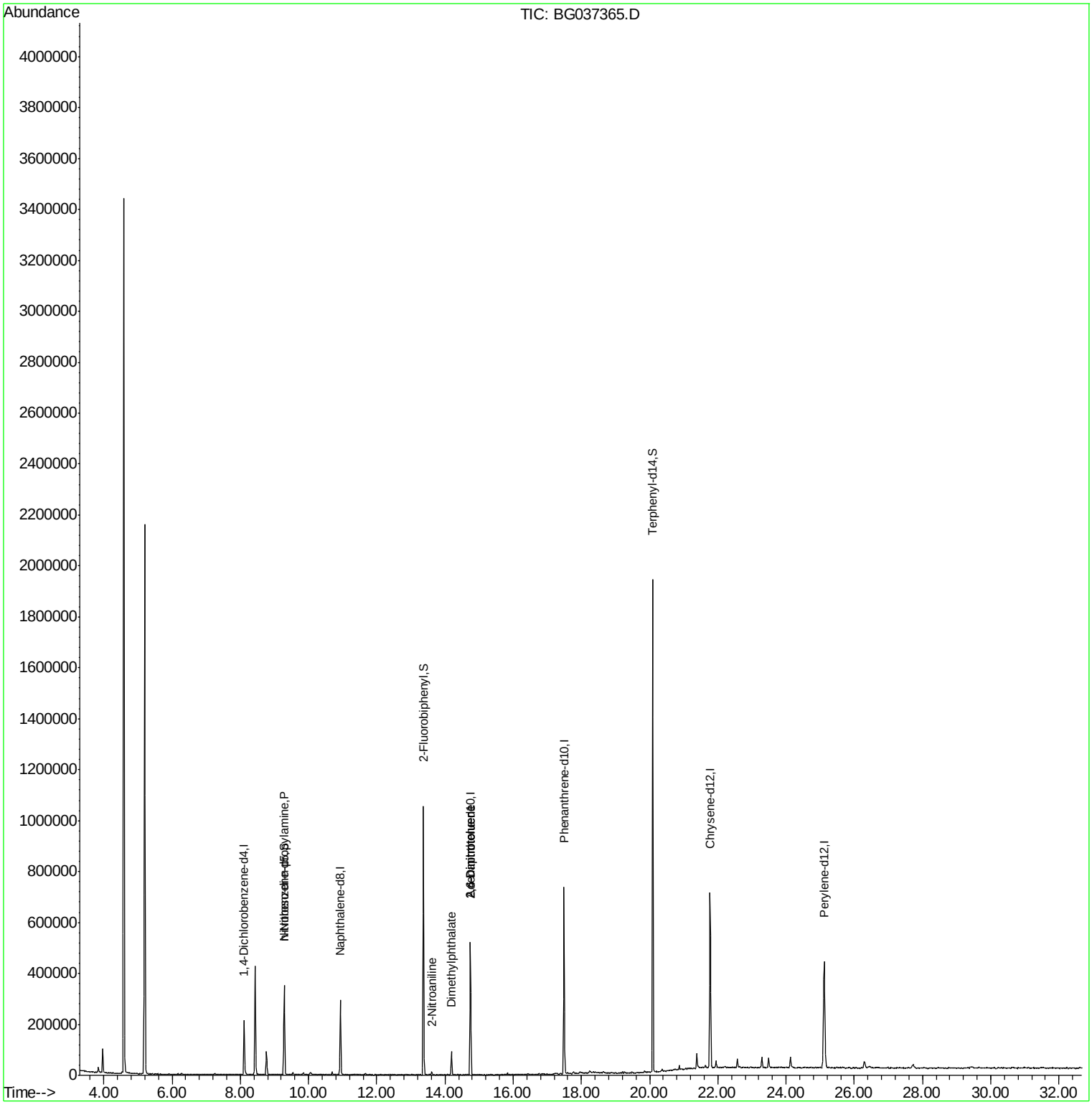
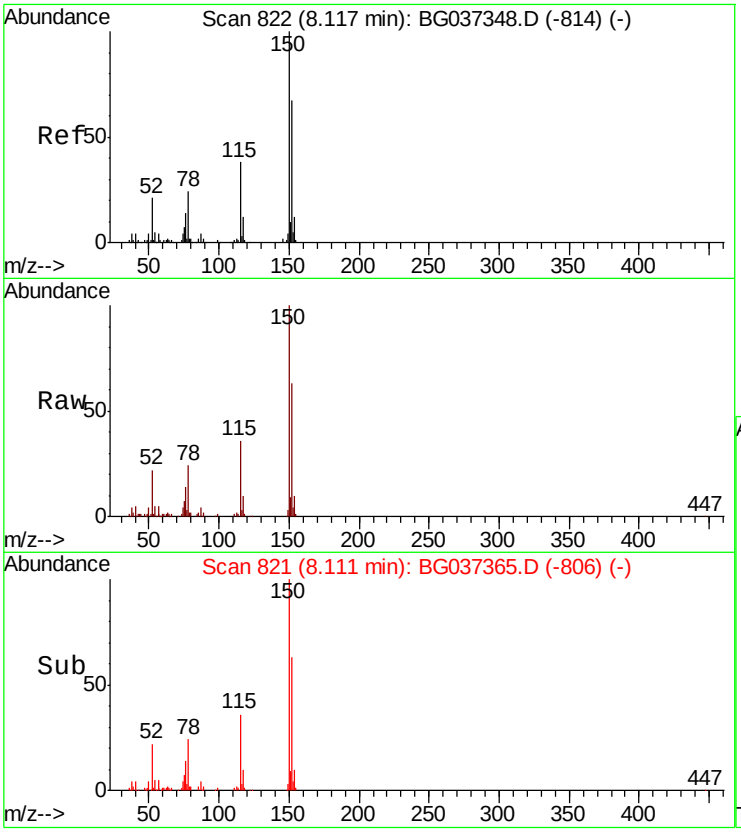
ClientSampleId :

Quant Time: Oct 17 01:39:23 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



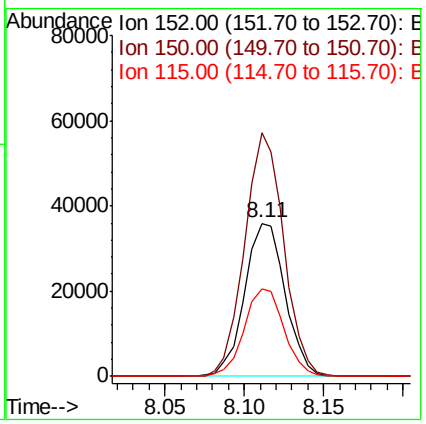


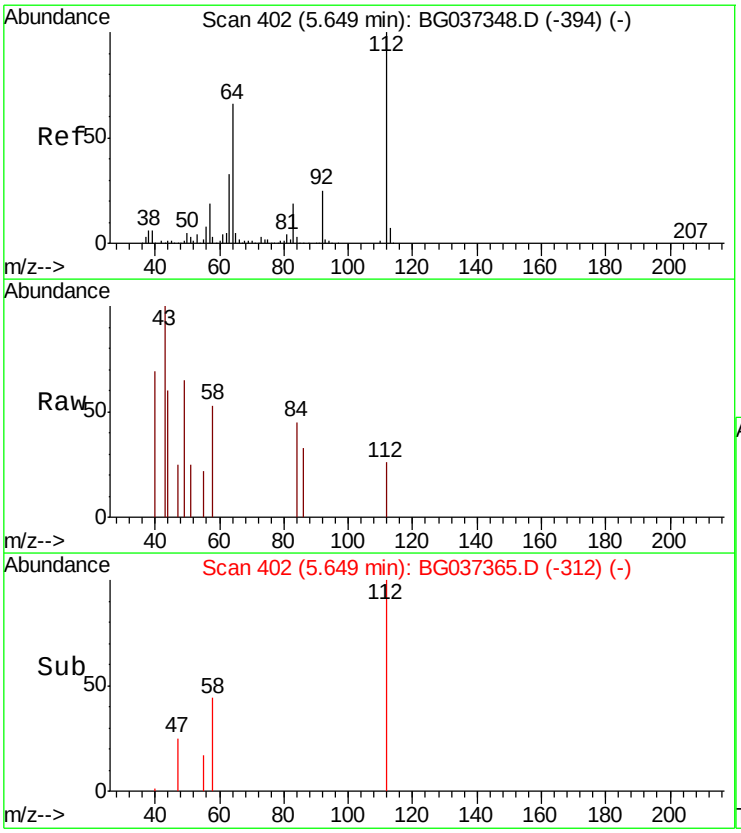
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 63841

Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.0	189.0
115	57.2	45.5	68.3

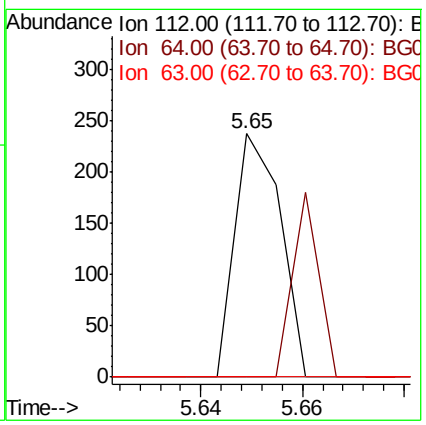


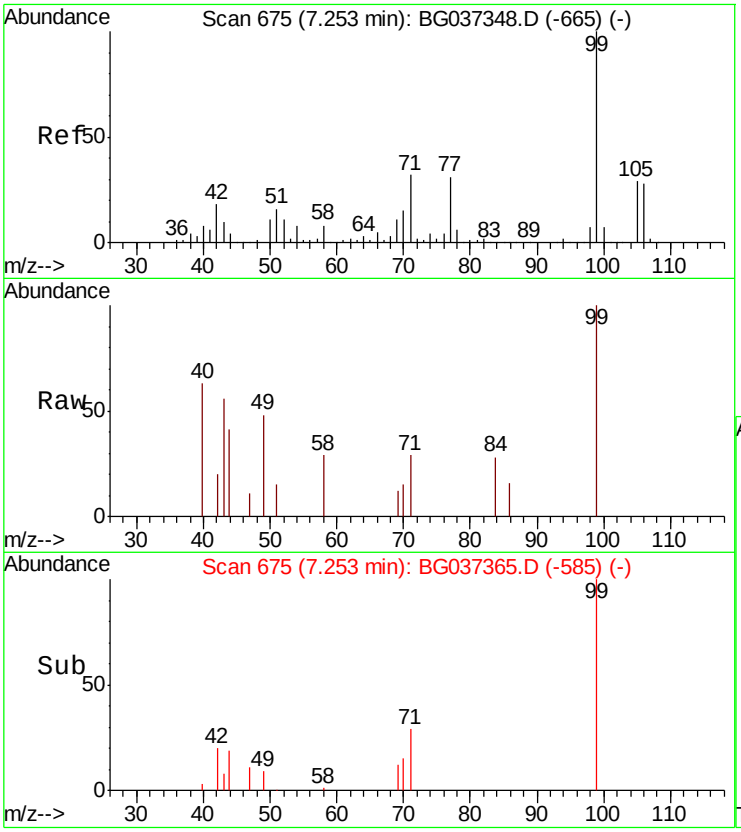


#5
2-Fluorophenol
Concen: 0.041 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Tgt Ion:112 Resp: 150

Ion	Ratio	Lower	Upper
112	100		
64	0.0	53.1	79.7#
63	0.0	27.3	40.9#



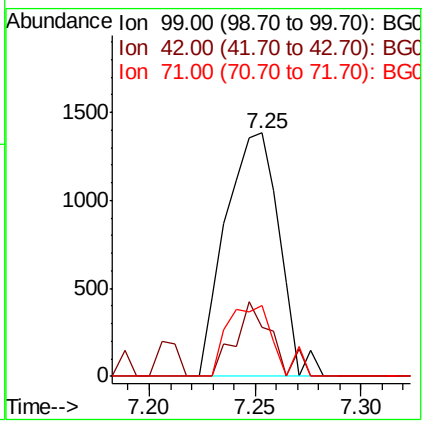


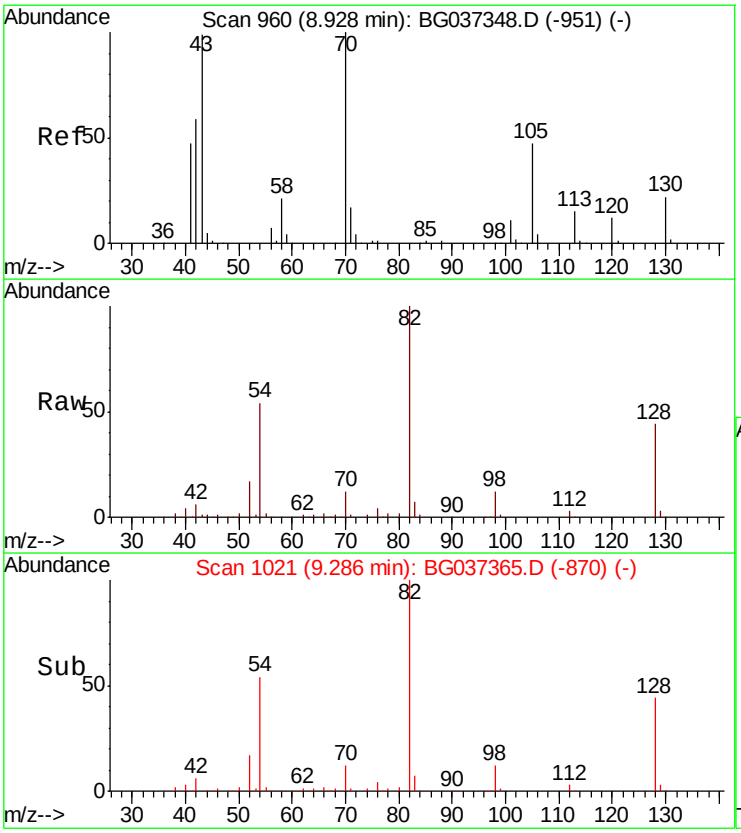
#7
Phenol-d6
Concen: 0.442 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 2434

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.0	22.4
71	28.9	25.5	38.3

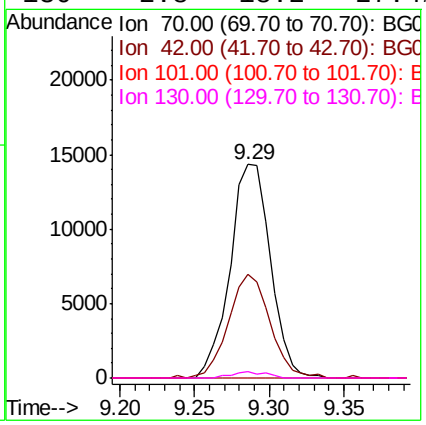


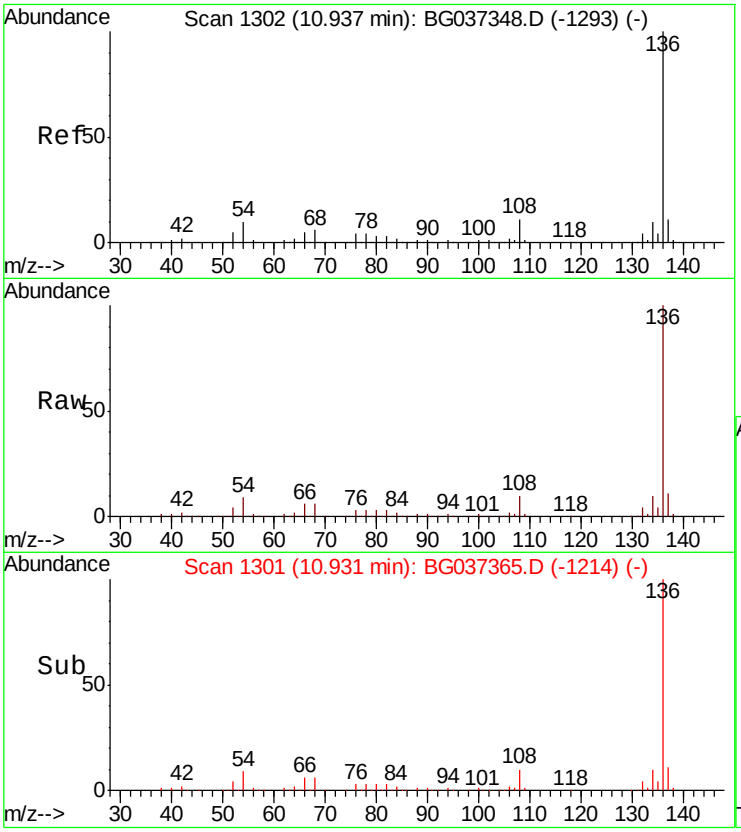


#19
n-Nitroso-di-n-propylamine
Concen: 6.478 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Tgt Ion: 70 Resp: 27005

Ion	Ratio	Lower	Upper
70	100		
42	48.7	53.9	80.9#
101	0.0	8.2	12.2#
130	2.8	18.2	27.4#



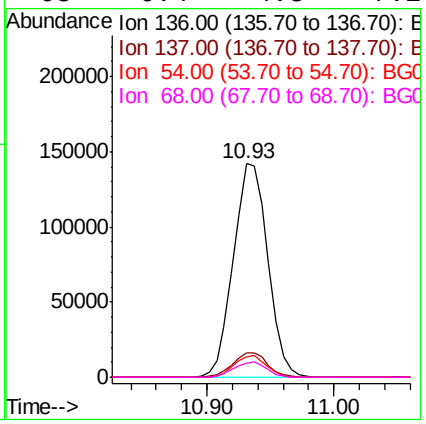


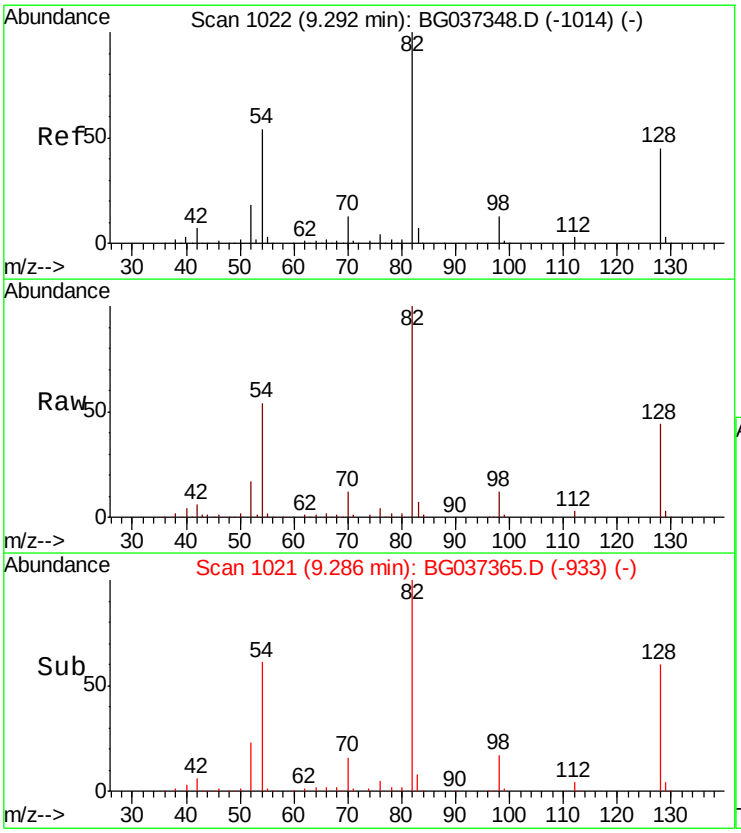
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 267532

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.5	7.9	11.9
68	6.4	4.8	7.2

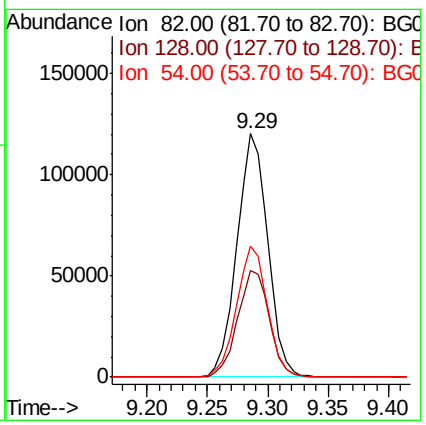


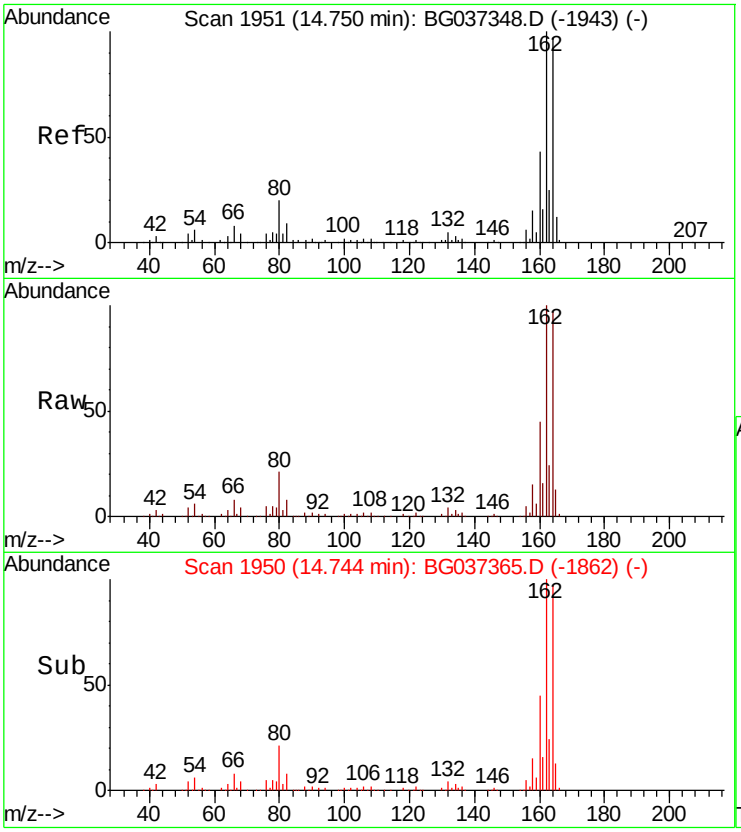


#23
Nitrobenzene-d5
Concen: 52.787 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Tgt Ion: 82 Resp: 214802

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	53.7	45.3	67.9



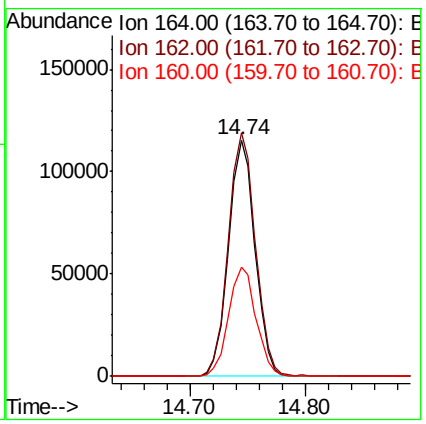


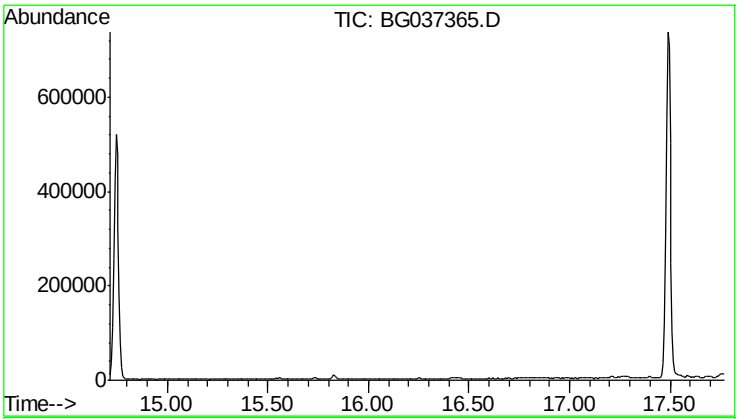
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 183362

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	46.0	36.3	54.5



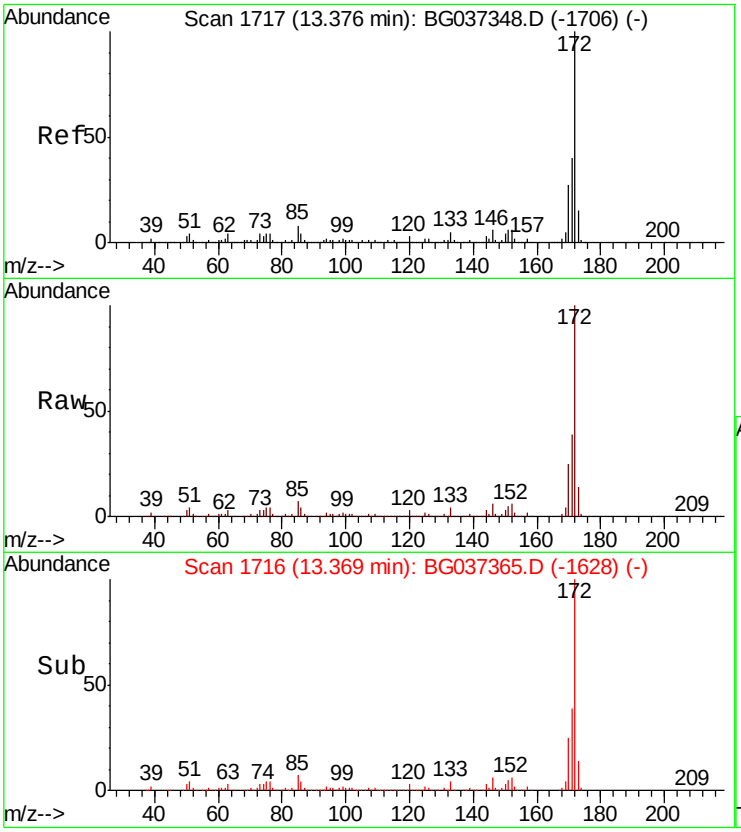


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.24 min

Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	98.0
141	40.2

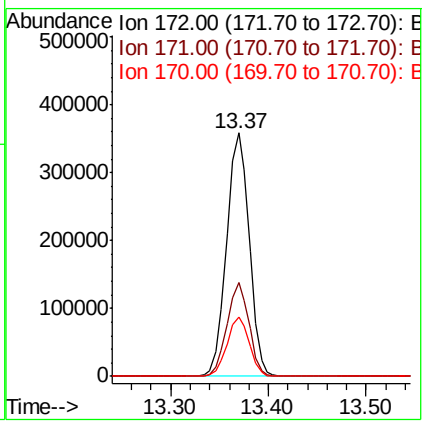


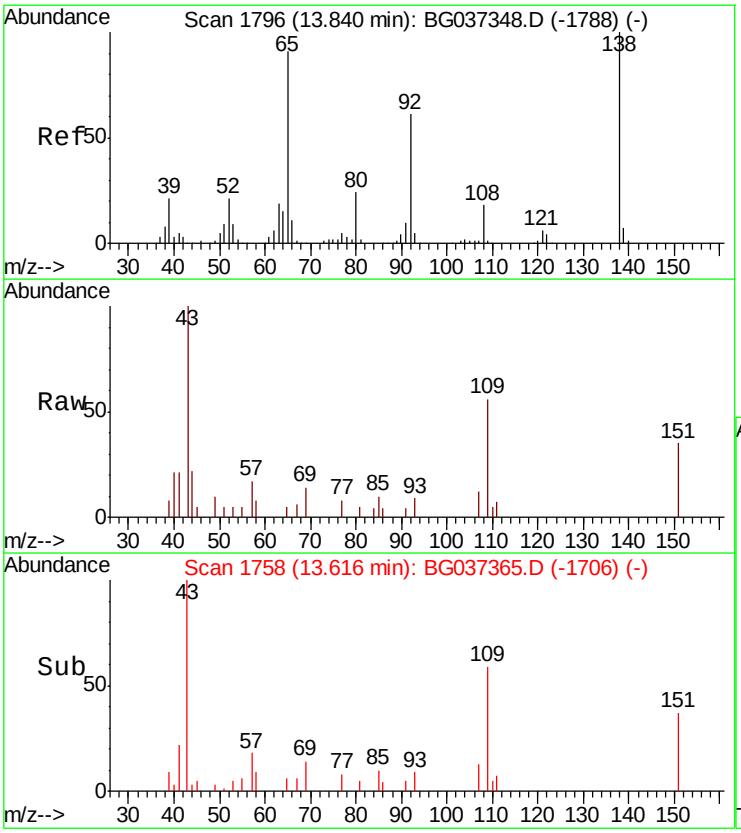
#45
2-Fluorobiphenyl
Concen: 47.132 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 575474

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	24.5	20.2	30.2

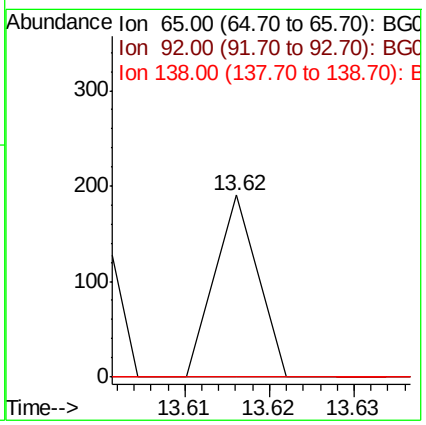


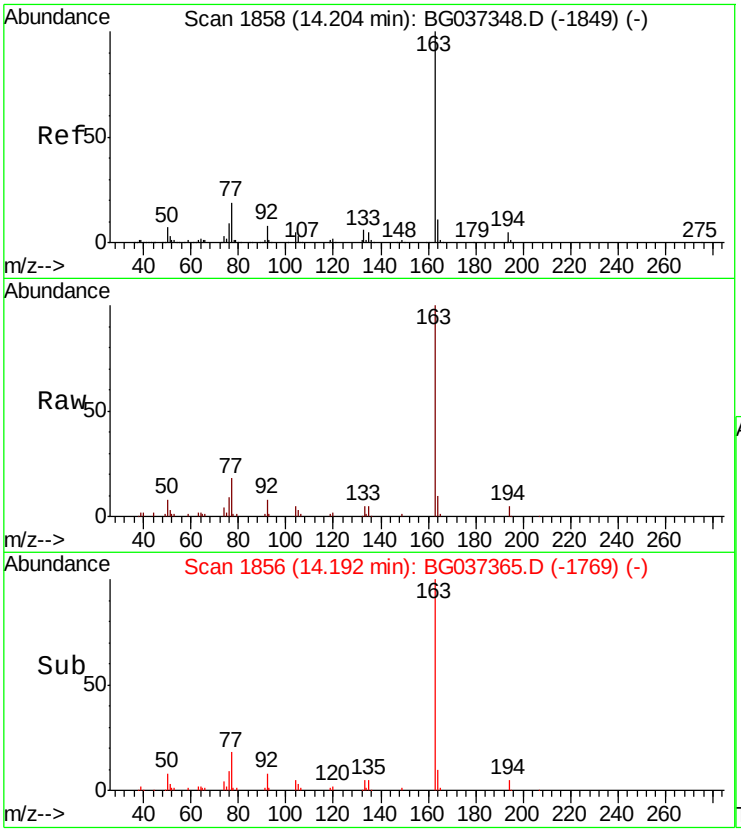


#48
2-Nitroaniline
Concen: 5.774 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.22 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Tgt Ion: 65 Resp: 67

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



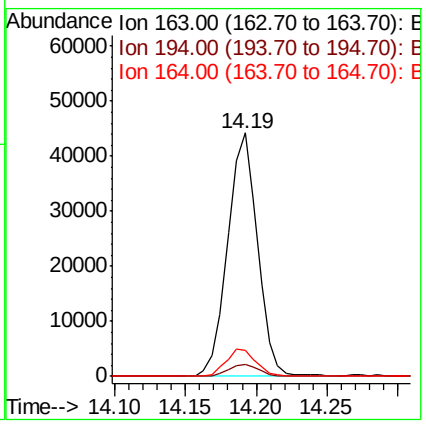


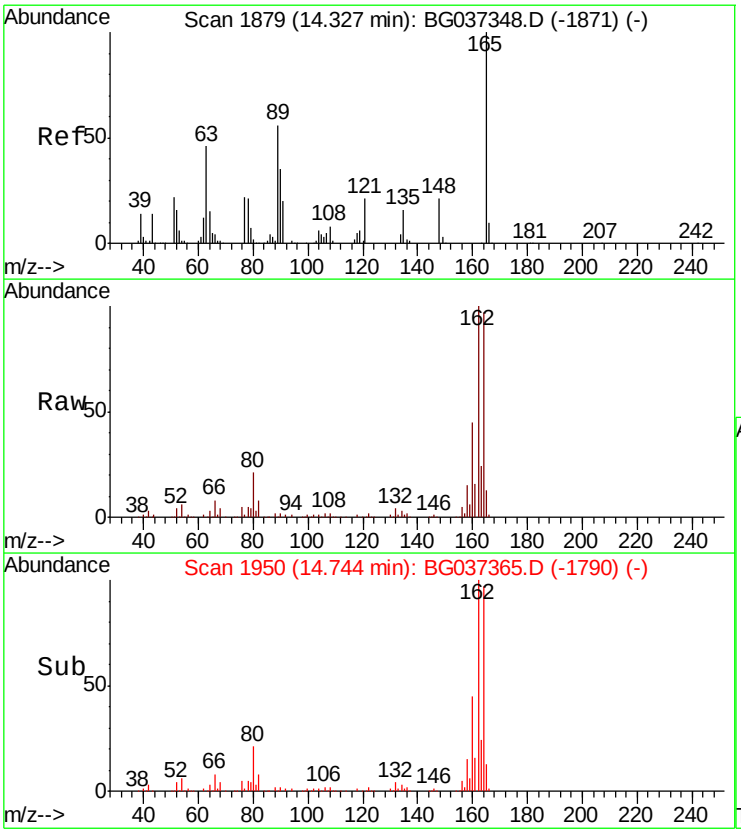
#50
Dimethylphthalate
Concen: 4.507 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 64952

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	10.5	8.5	12.7

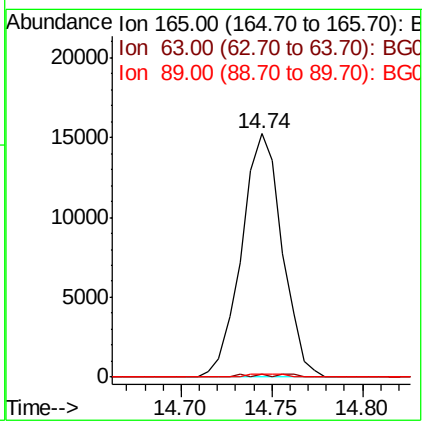


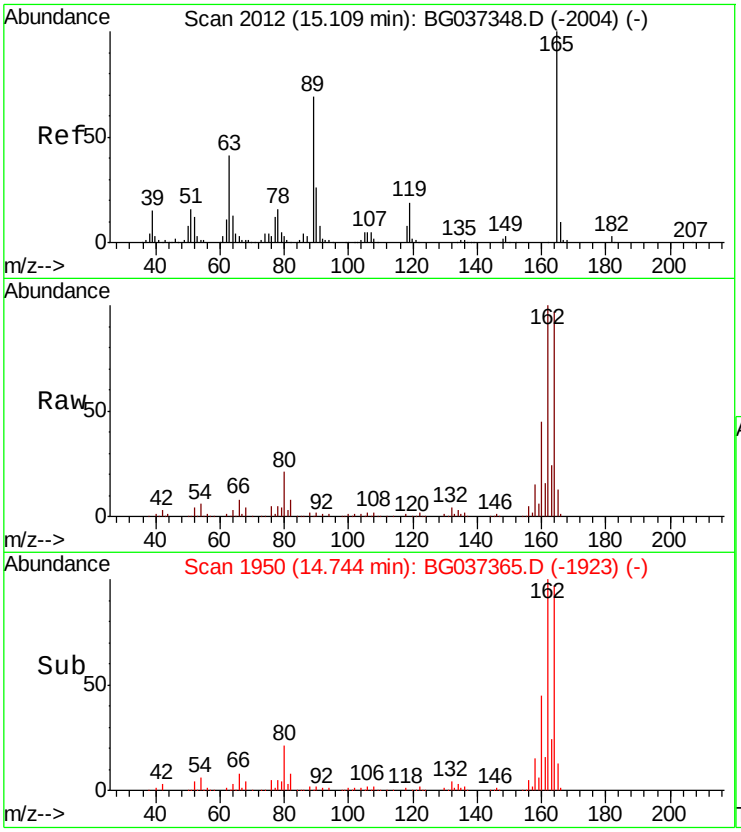


#51
2,6-Dinitrotoluene
Concen: 12.445 ng
RT: 14.74 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Tgt Ion:165 Resp: 23748

Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	1.2	45.8	68.6#



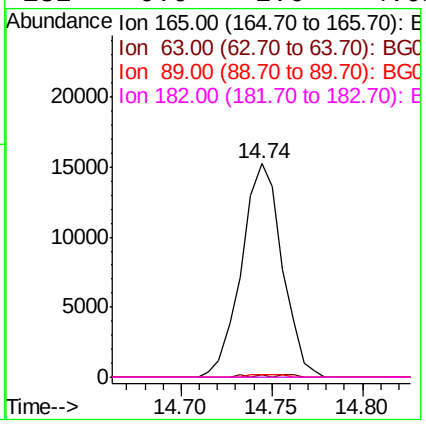


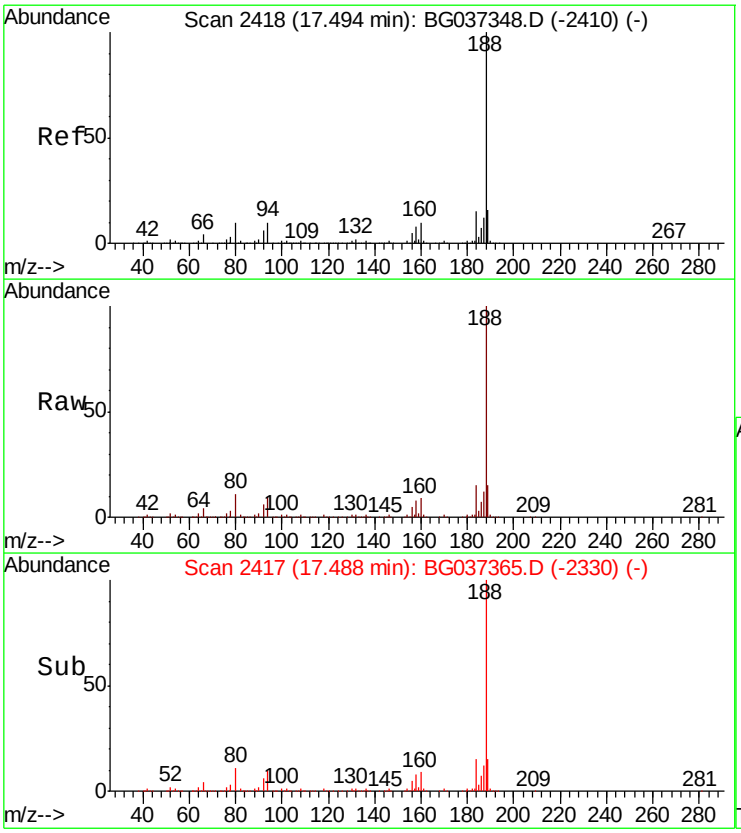
#57
2,4-Dinitrotoluene
Concen: 11.291 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 23748

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	1.2	57.2	85.8#
182	0.0	2.6	4.0#

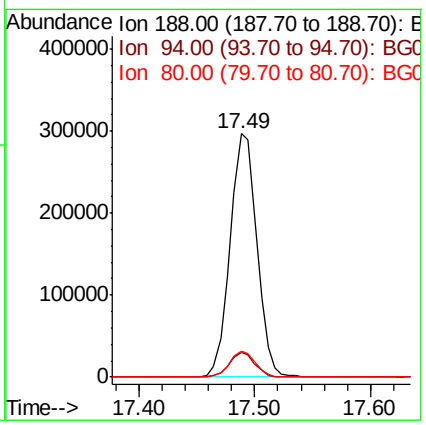


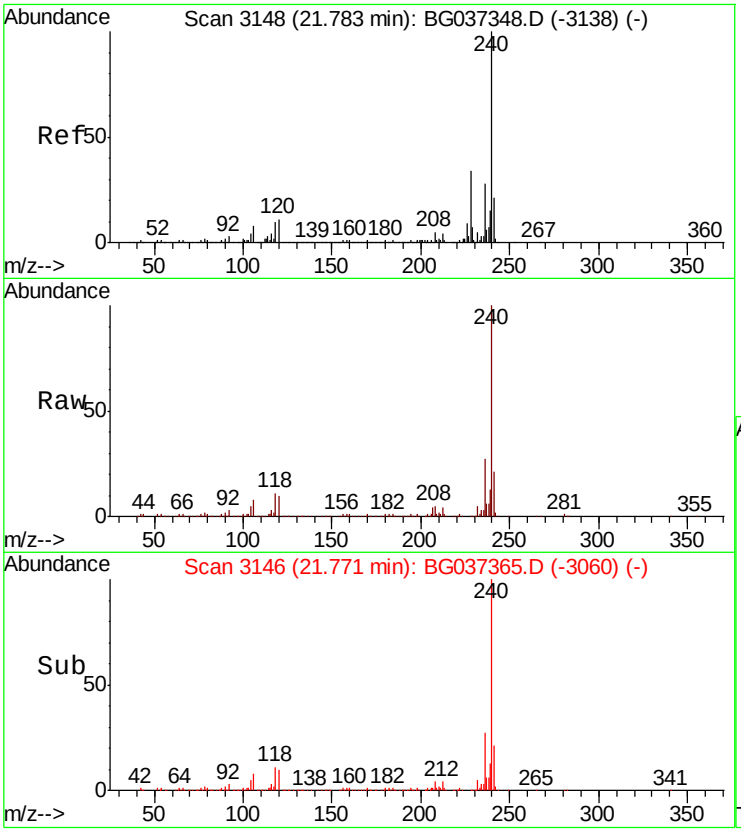


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Tgt Ion:188 Resp: 476760

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.8	7.7	11.5



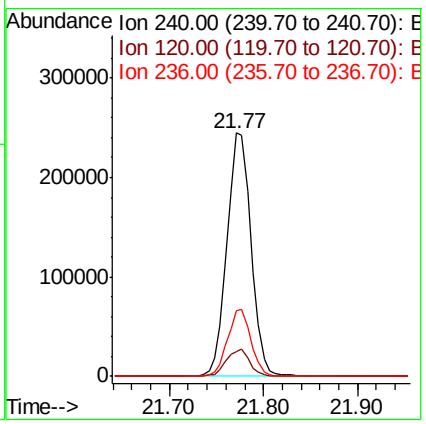


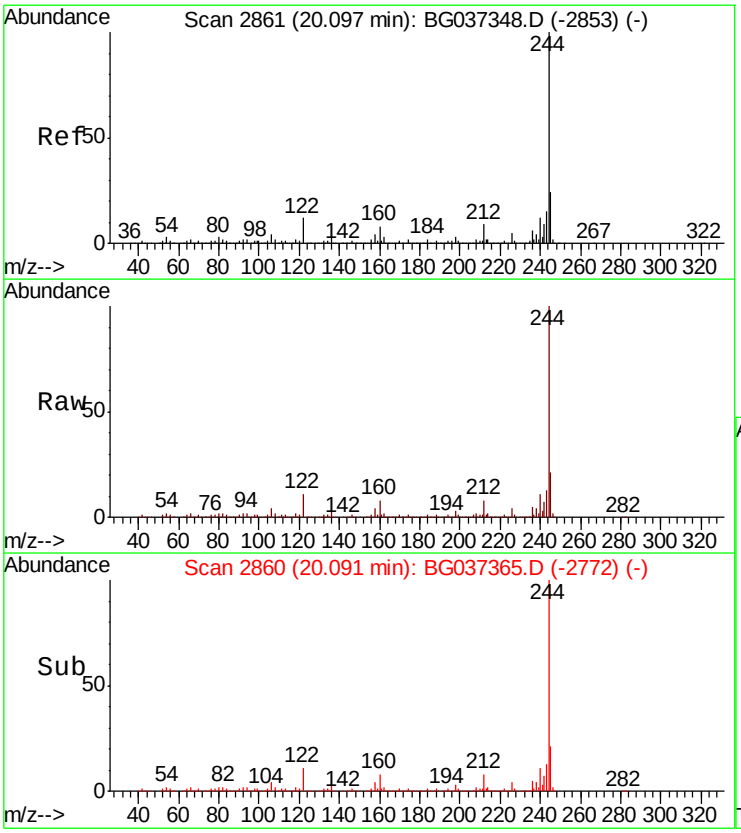
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 436746

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	27.0	21.4	32.0

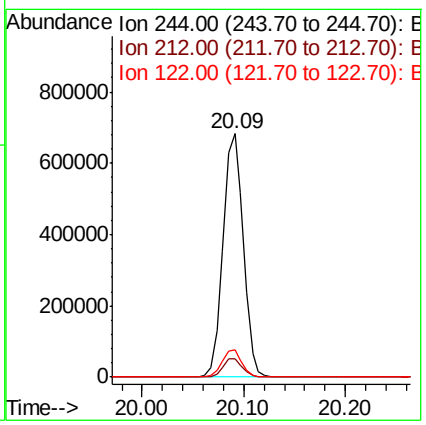


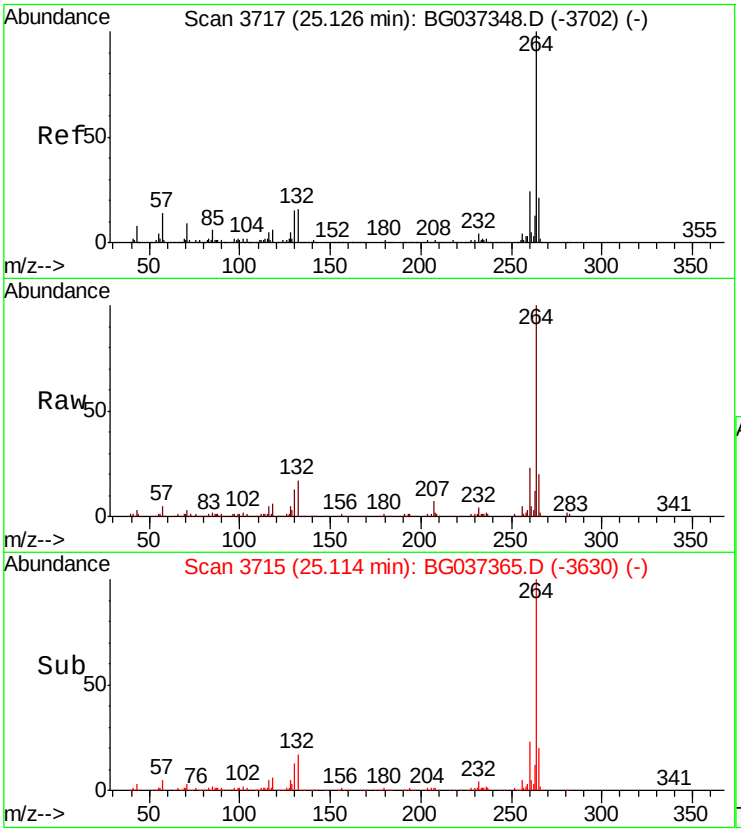


#79
Terphenyl-d14
Concen: 45.430 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Tgt Ion:244 Resp: 944937

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	11.0	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: BG037365.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 436654

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.1	17.9	26.9