Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
Data File : BG037409.D
Acq On : 18 Oct 2018 3:16
Operator : JU/SJ
Sample : J5541-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 101518-TIPC-F-D-S

Quant Time: Oct 18 11:46:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	58858	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	267196	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	181760	20.00	ng		-0.02
64) Phenanthrene-d10	17.49	188	453594	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	411477	20.00	ng		-0.02
87) Perylene-d12	25.11	264	411404	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	151016	45.16	ng		0.00
7) Phenol-d6	7.24	99	133905	26.38	ng		0.00
23) Nitrobenzene-d5	9.28	82	450285	110.79	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	194305	109.00	ng		-0.02
45) 2-Fluorobiphenyl	13.37	172	1116010	92.21	ng		-0.02
79) Terphenyl-d14	20.09	244	1596588	81.47	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.27	94	15984	2.990	ng		93
19) n-Nitroso-di-n-propylamine	9.28	70	56447	14.687	ng	#	70
48) 2-Nitroaniline	14.19	65	311	5.844	ng	#	1
50) Dimethylphthalate	14.19	163	33705	2.360	ng		99
51) 2,6-Dinitrotoluene	14.74	165	23702	12.497	ng	#	26
57) 2,4-Dinitrotoluene	14.74	165	23702	11.332	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.23	198	548	6.284	ng	#	12
67) 4-Bromophenyl-phenylether	16.23	248	14858	3.035	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
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101518-TIPC-F-D-S

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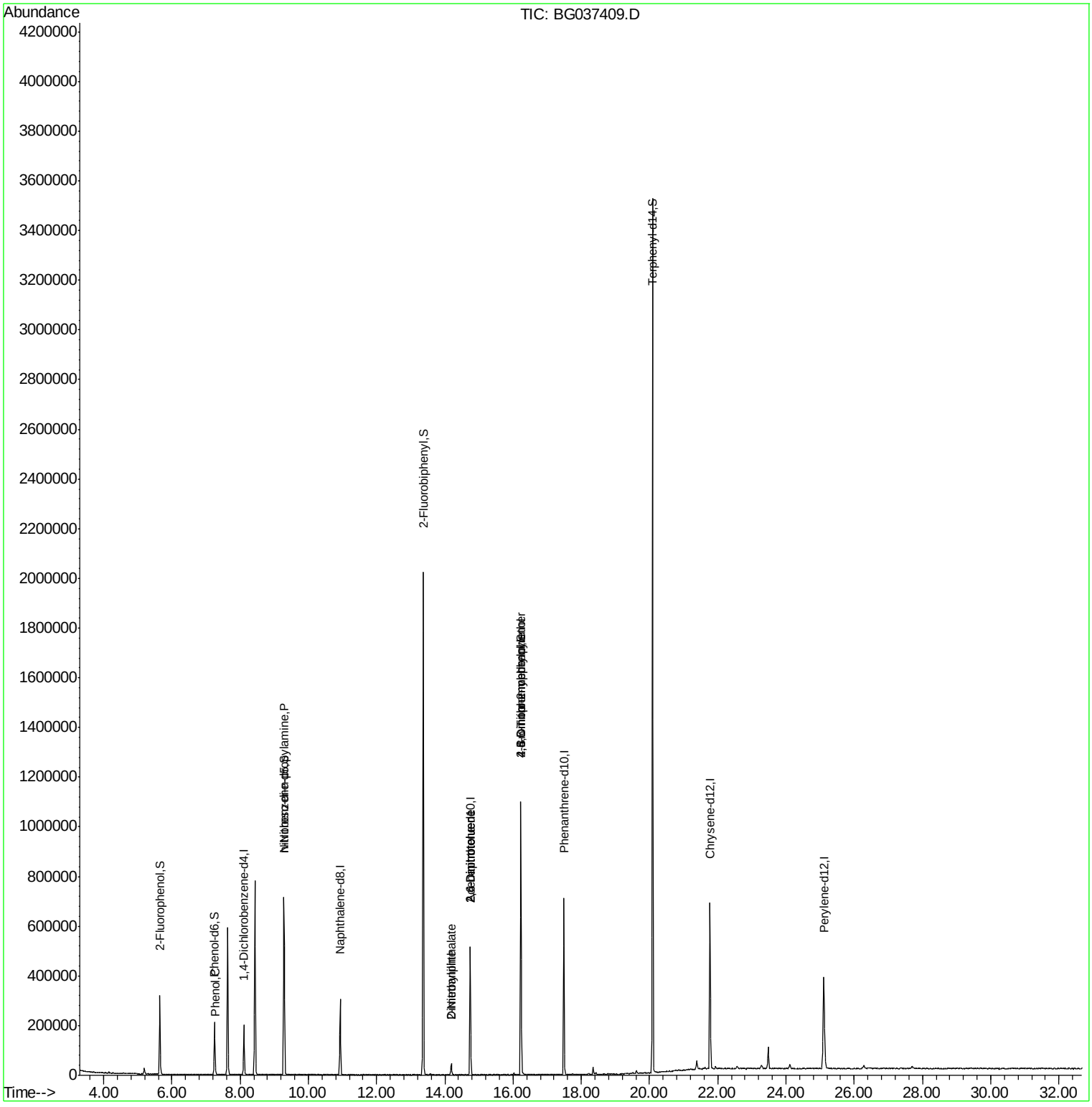
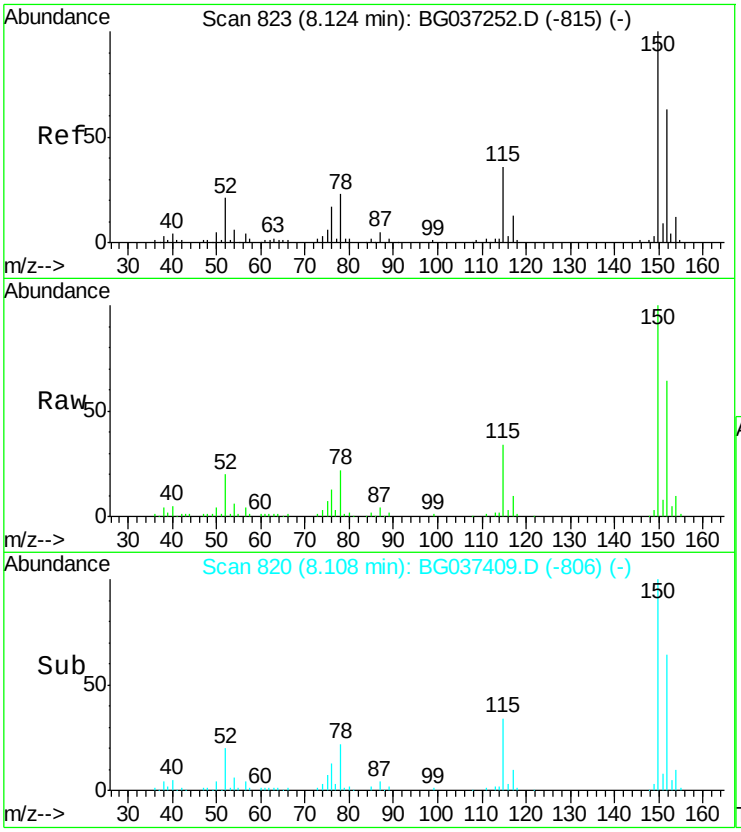
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration



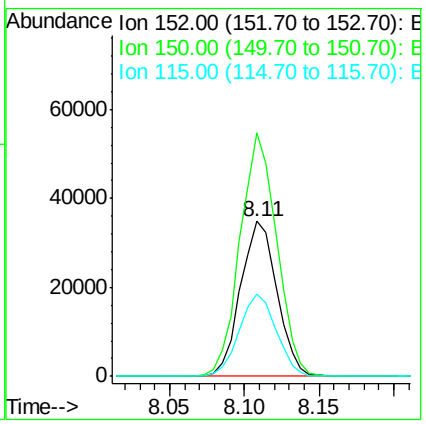


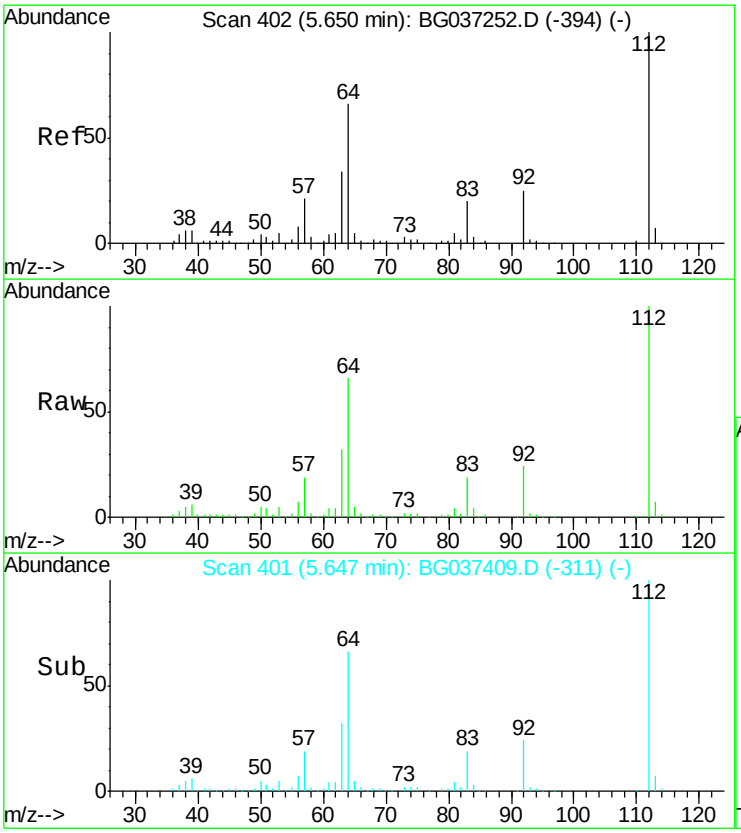
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-S

Tgt Ion:152 Resp: 58858

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.0	189.0
115	53.3	45.5	68.3

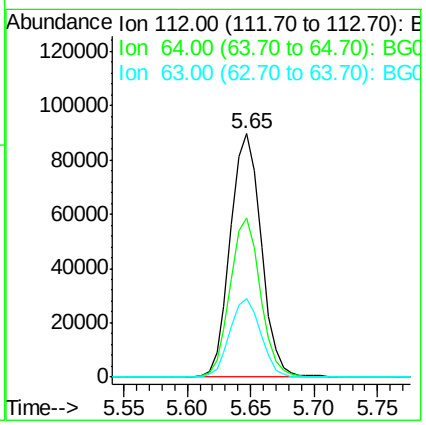


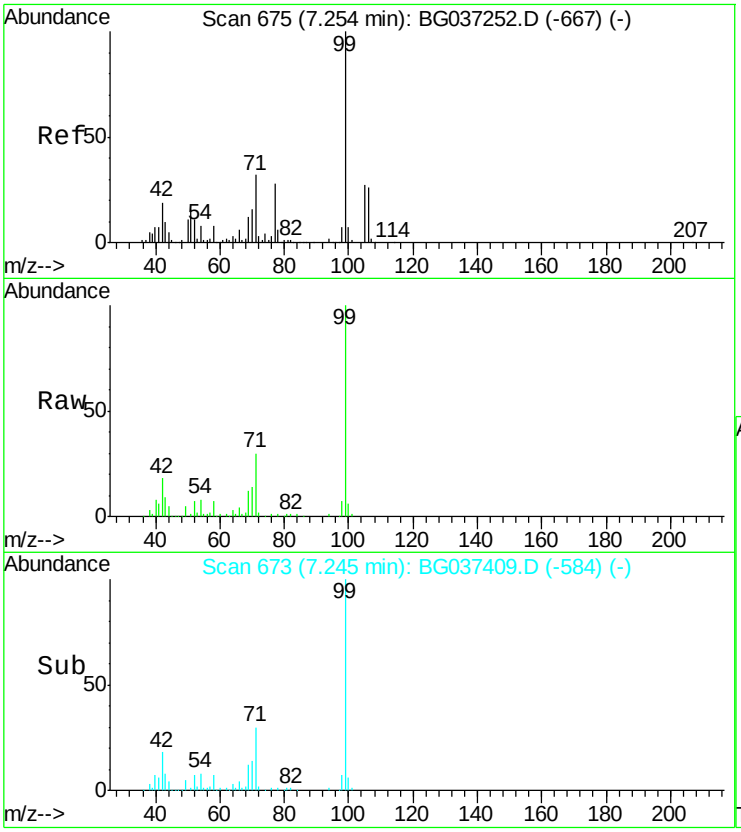


#5
2-Fluorophenol
Concen: 45.155 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Tgt Ion:112 Resp: 151016

Ion	Ratio	Lower	Upper
112	100		
64	65.6	53.1	79.7
63	32.2	27.3	40.9



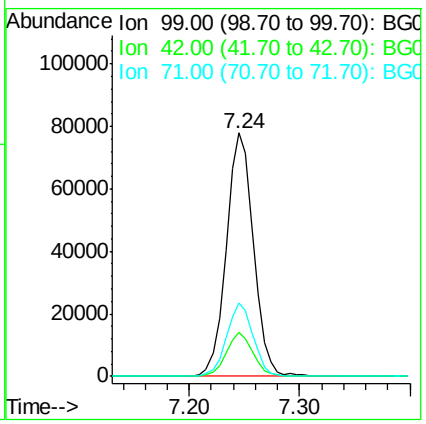


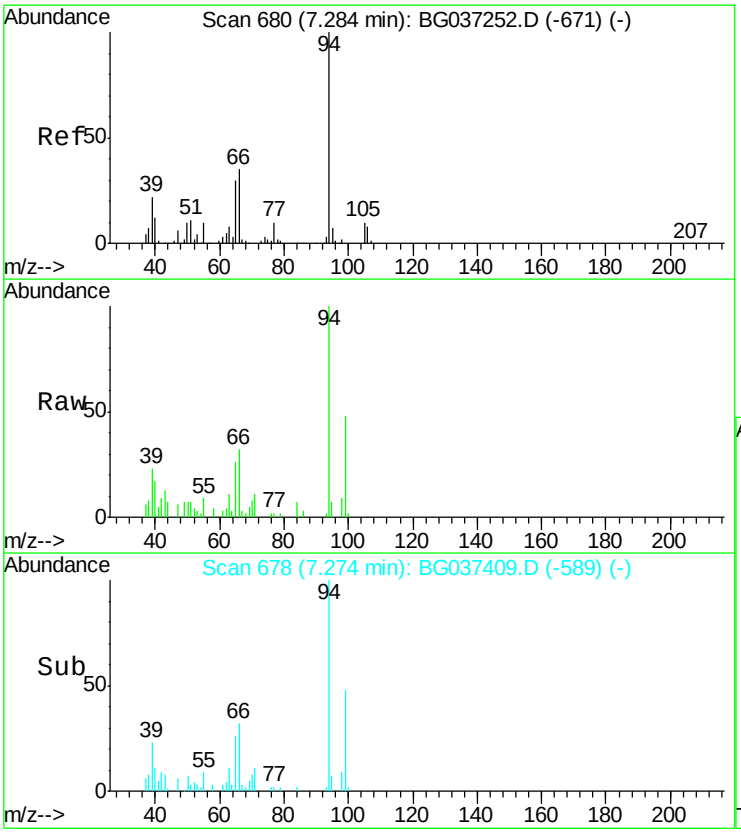
#7
Phenol-d6
Concen: 26.379 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-S

Tgt Ion: 99 Resp: 133905

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.4
71	30.1	25.5	38.3

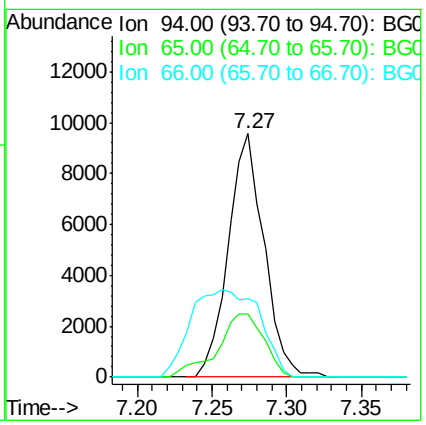


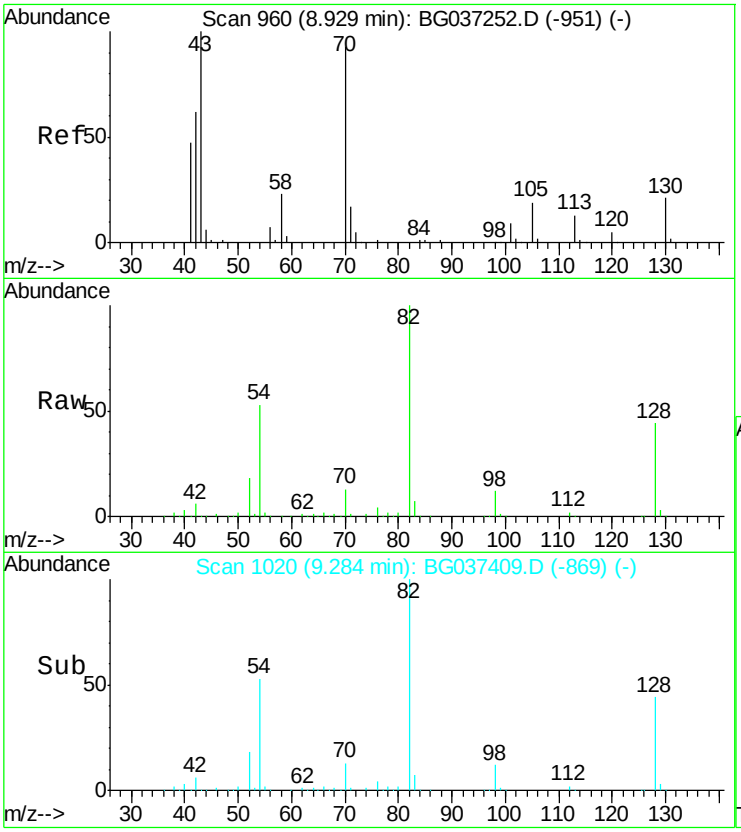


#10
Phenol
Concen: 2.990 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.01 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Tgt Ion: 94 Resp: 15984

Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.7	49.7
66	32.4	15.9	55.9



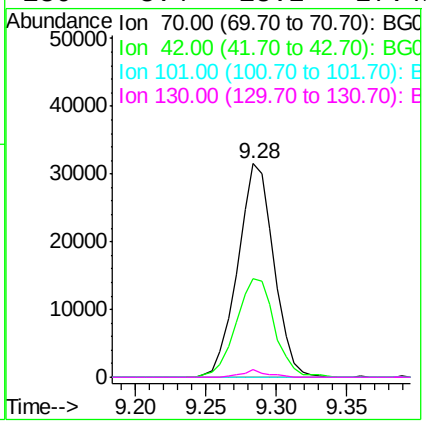


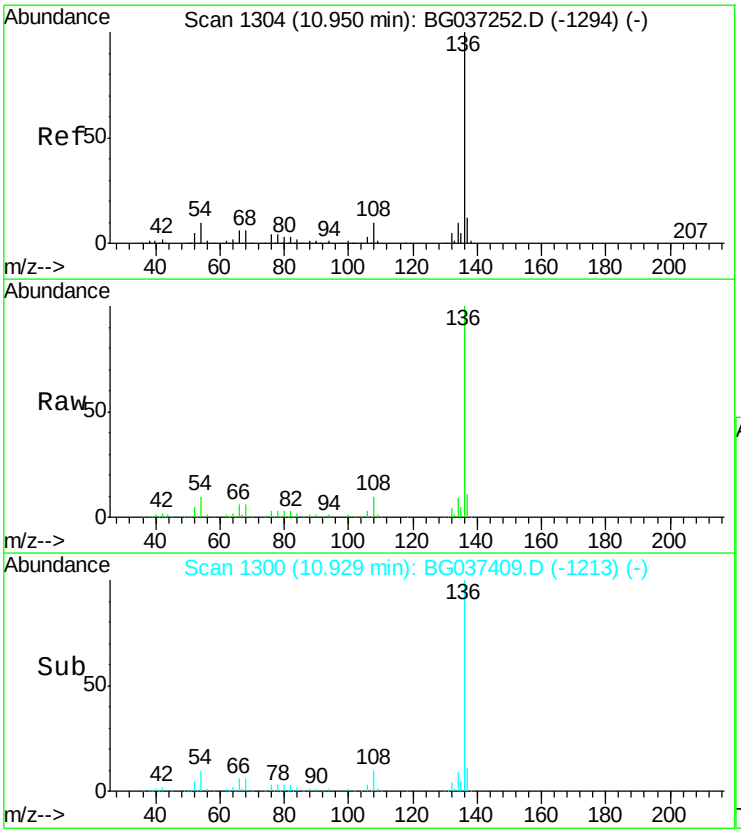
#19
n-Nitroso-di-n-propylamine
Concen: 14.687 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-S

Tgt Ion: 70 Resp: 56447

Ion	Ratio	Lower	Upper
70	100		
42	46.2	53.9	80.9#
101	0.0	8.2	12.2#
130	3.4	18.2	27.4#

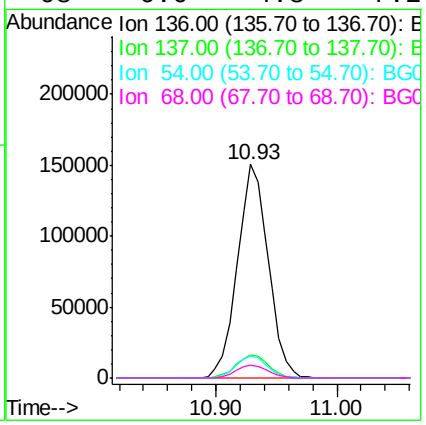


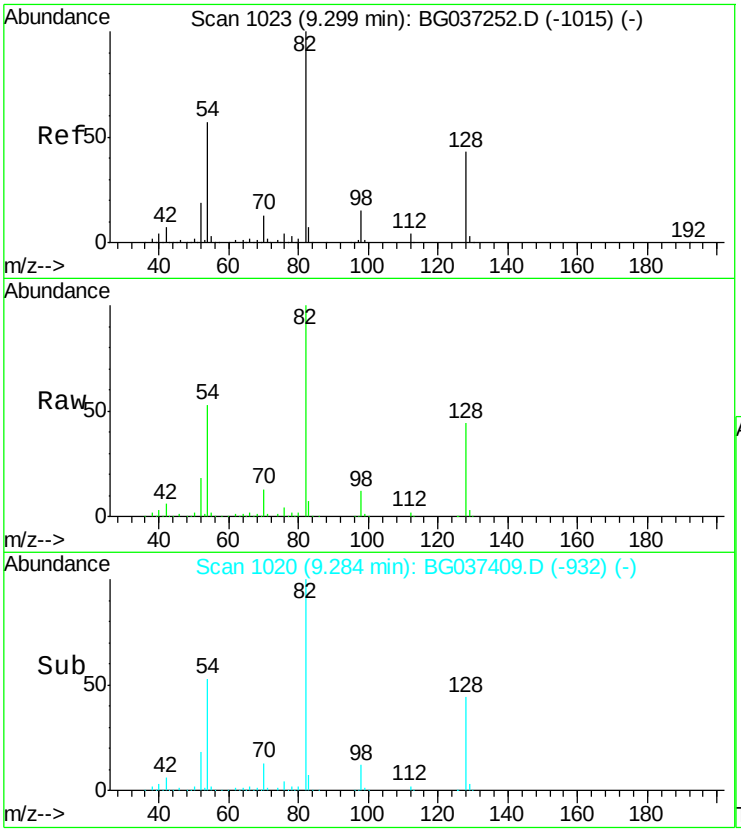


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Tgt Ion:136 Resp: 267196

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	10.4	7.9	11.9
68	6.0	4.8	7.2



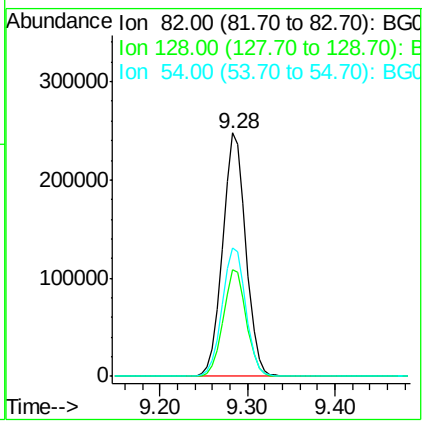


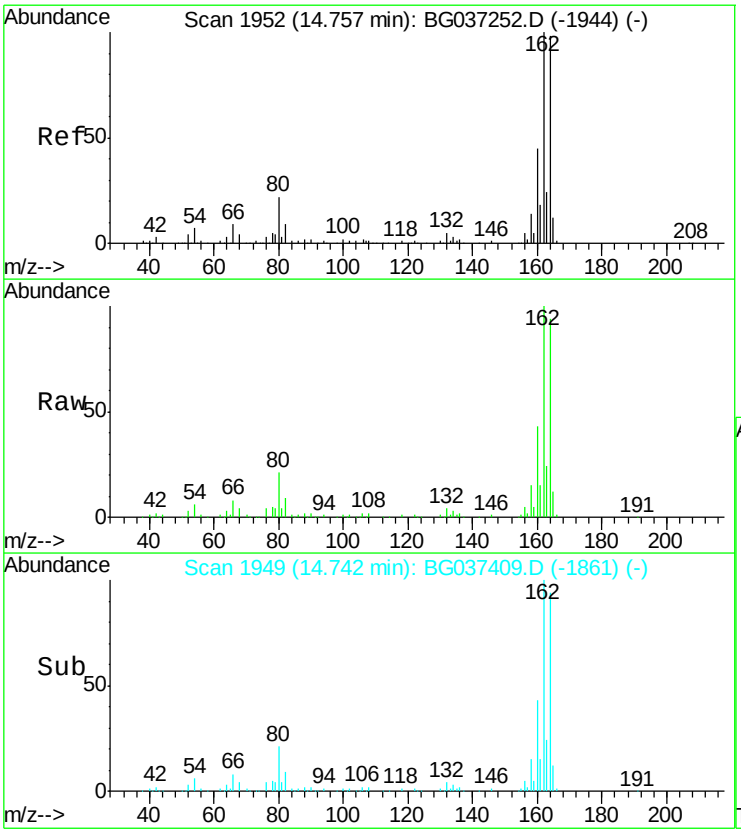
#23
Nitrobenzene-d5
Concen: 110.795 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-S

Tgt Ion: 82 Resp: 450285

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	52.9	45.3	67.9

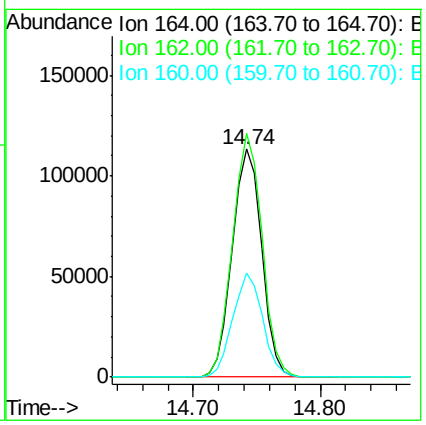


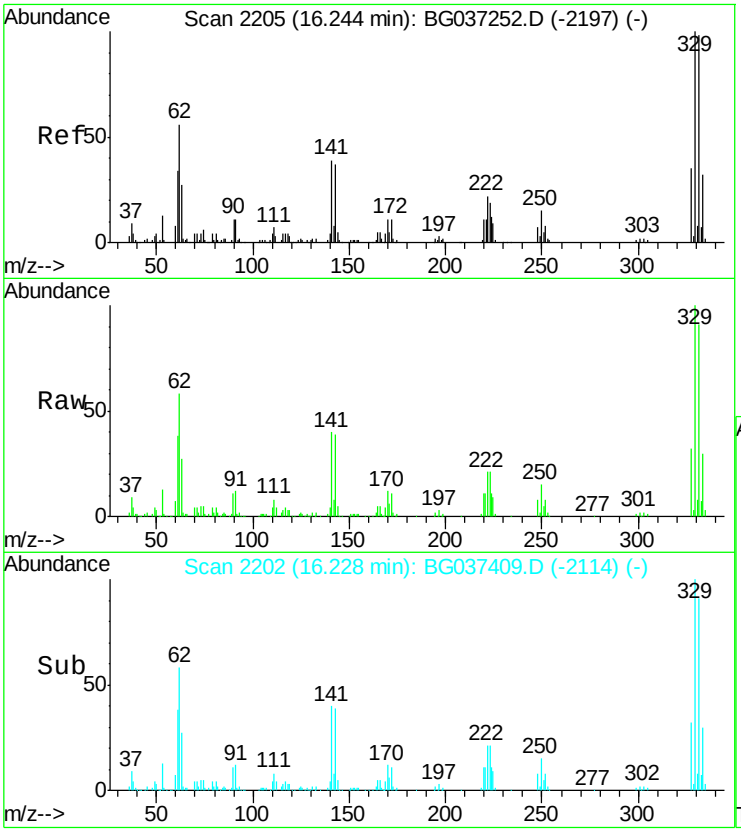


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Tgt Ion:164 Resp: 181760

Ion	Ratio	Lower	Upper
164	100		
162	106.8	81.3	121.9
160	45.6	36.3	54.5



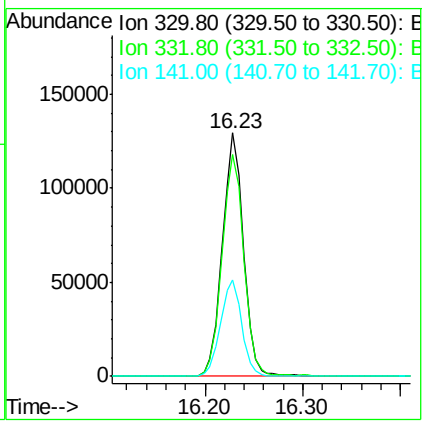


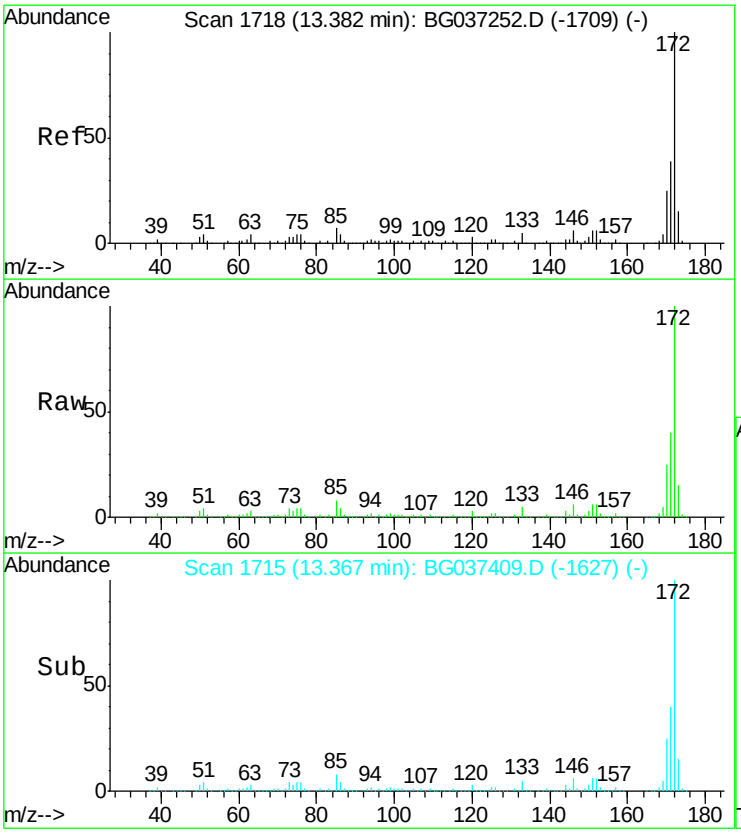
#42
2,4,6-Tribromophenol
Concen: 109.003 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-S

Tgt Ion:330 Resp: 194305

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	40.1	32.2	48.2

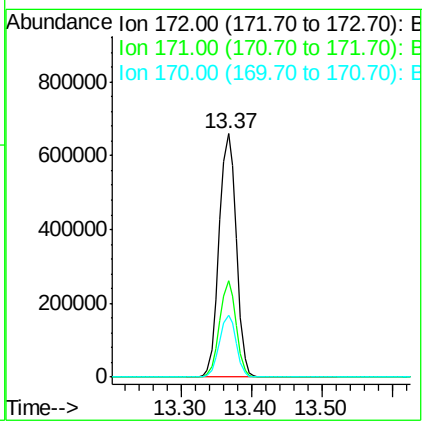


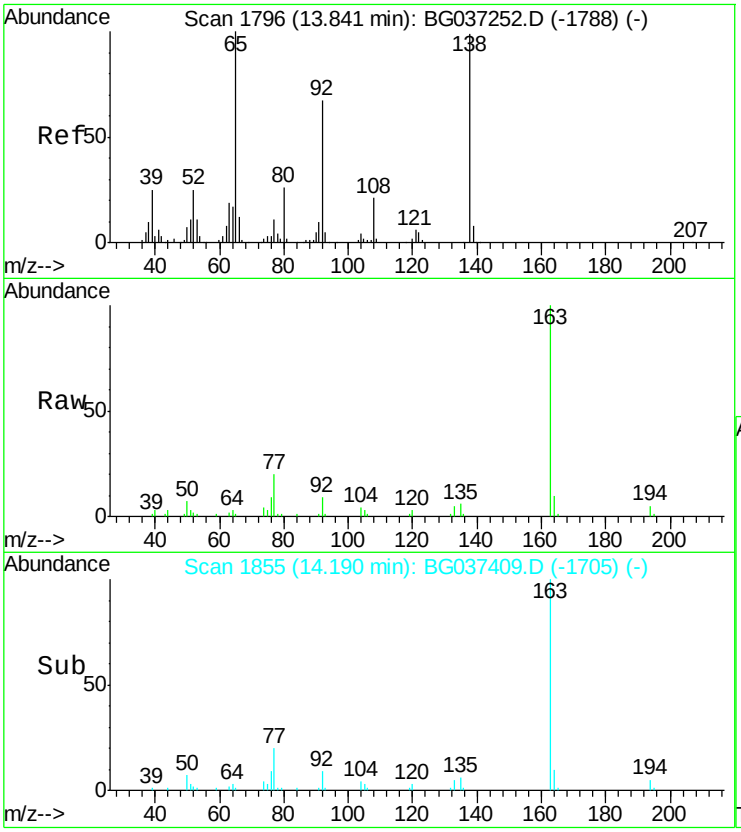


#45
2-Fluorobiphenyl
Concen: 92.209 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Tgt Ion:172 Resp: 1116010

Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.0	46.4
170	25.3	20.2	30.2



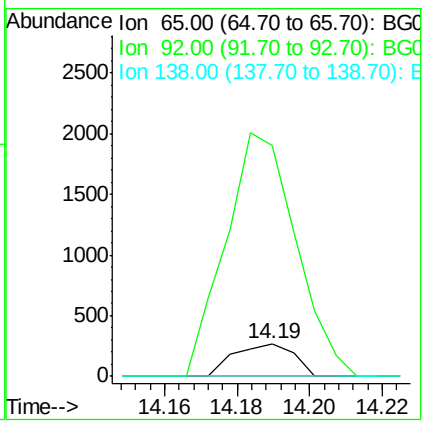


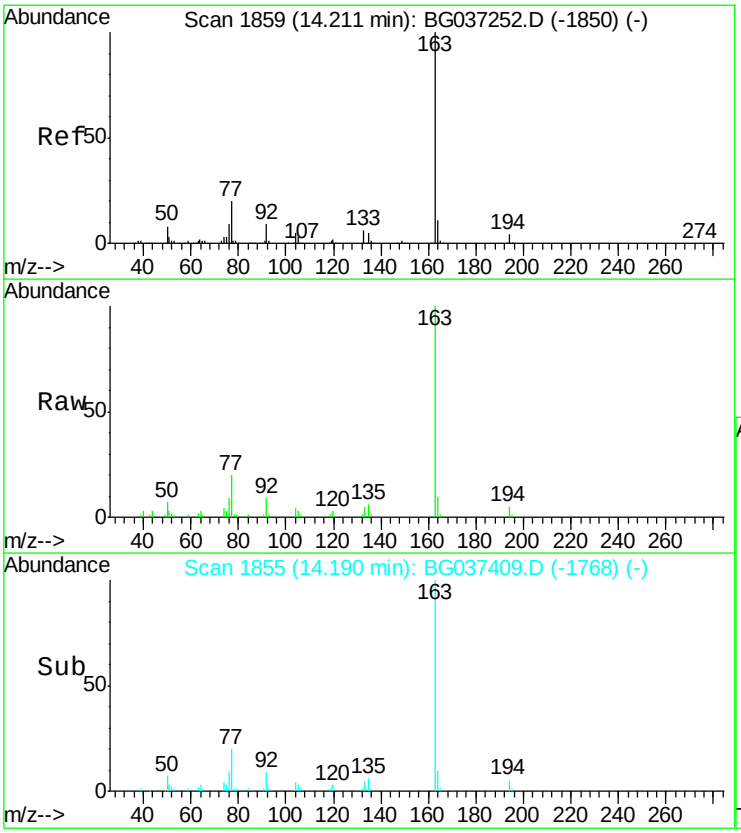
#48
2-Nitroaniline
Concen: 5.844 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.35 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-S

Tgt Ion: 65 Resp: 311

Ion	Ratio	Lower	Upper
65	100		
92	704.1	53.2	79.8#
138	0.0	79.3	118.9#

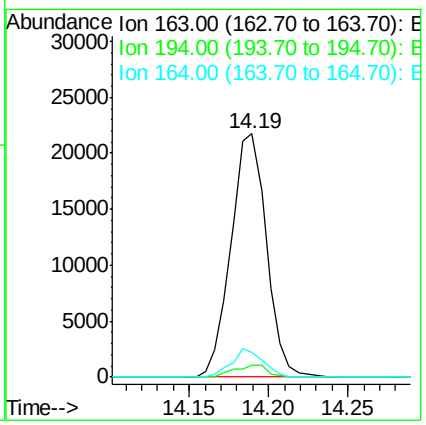


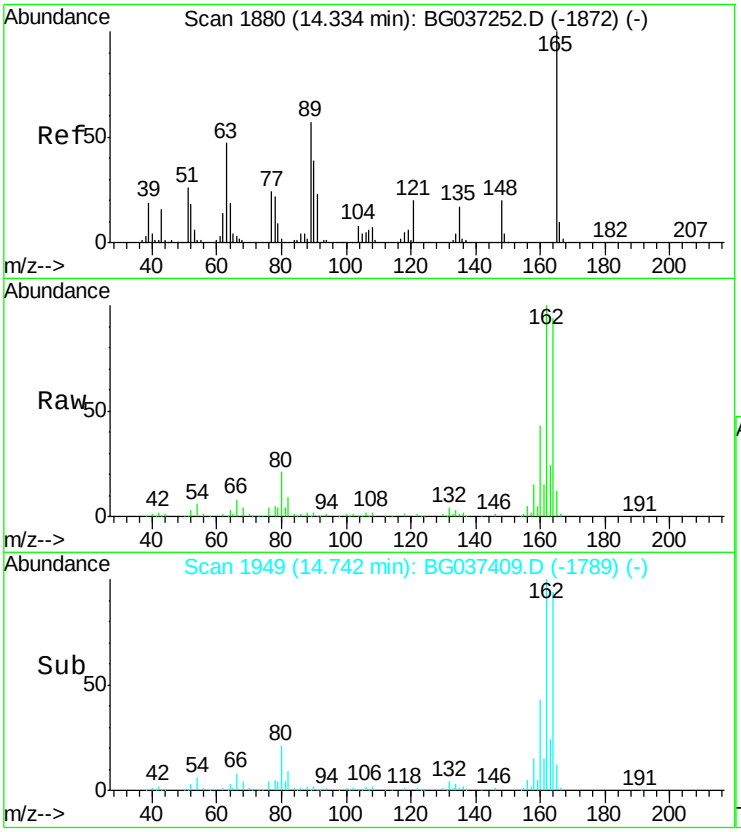


#50
Dimethylphthalate
Concen: 2.360 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Tgt Ion:163 Resp: 33705

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.3	8.5	12.7



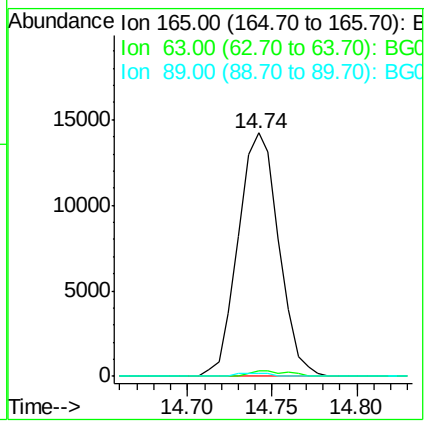


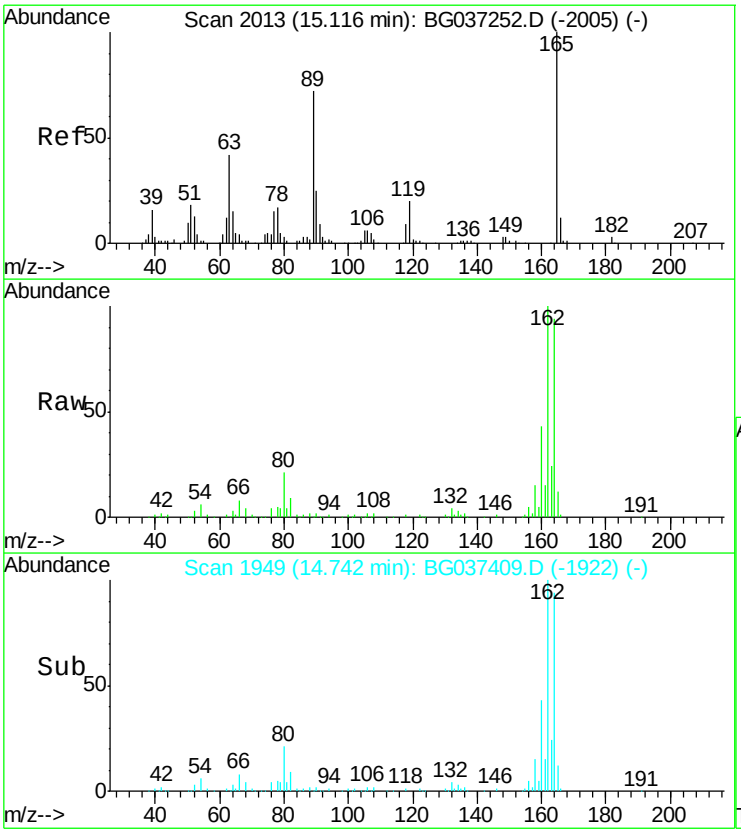
#51
2,6-Dinitrotoluene
Concen: 12.497 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.41 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-S

Tgt Ion:165 Resp: 23702

Ion	Ratio	Lower	Upper
165	100		
63	2.3	43.4	65.2#
89	1.4	45.8	68.6#

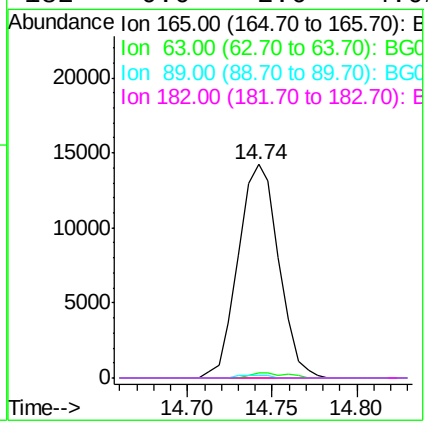


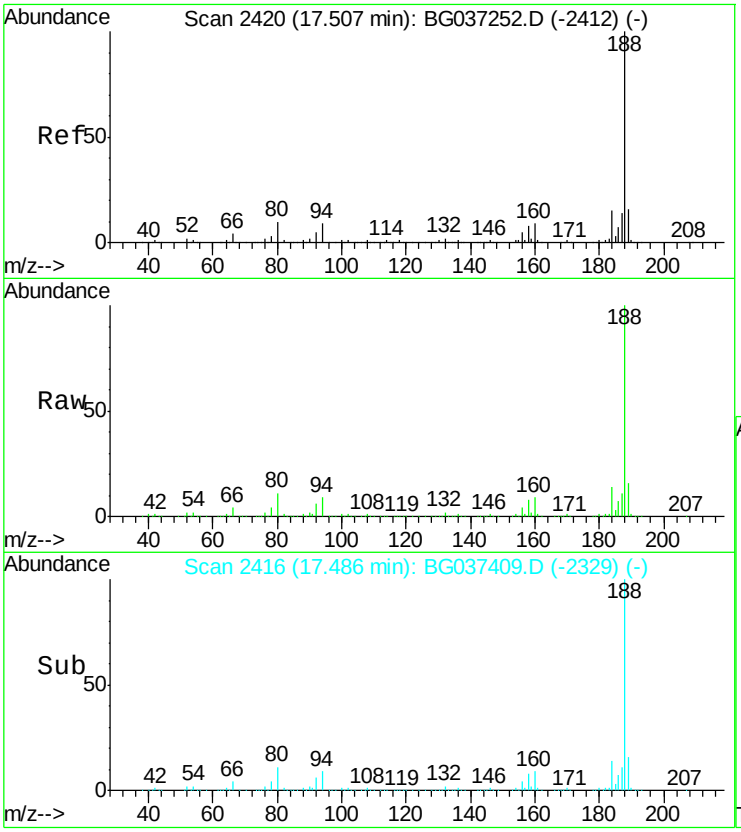


#57
2,4-Dinitrotoluene
Concen: 11.332 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.37 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Tgt Ion:165 Resp: 23702

Ion	Ratio	Lower	Upper
165	100		
63	2.3	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



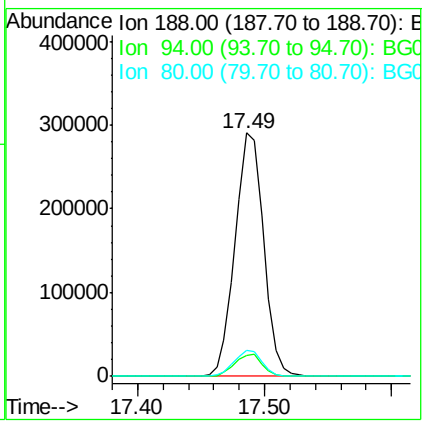


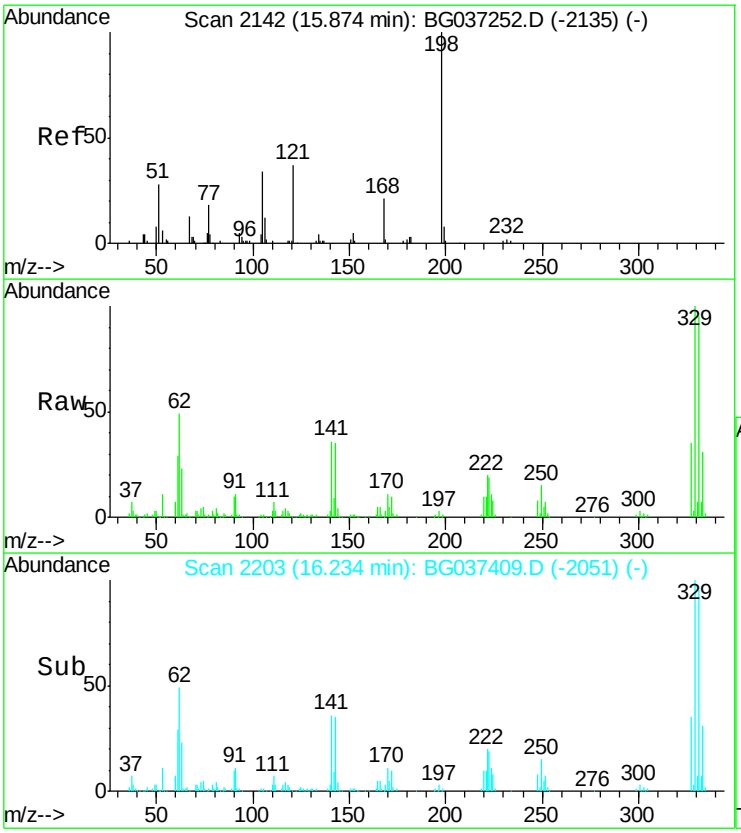
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-S

Tgt Ion:188 Resp: 453594

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.8	7.7	11.5

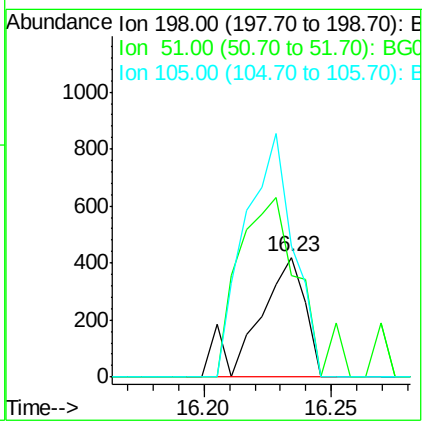


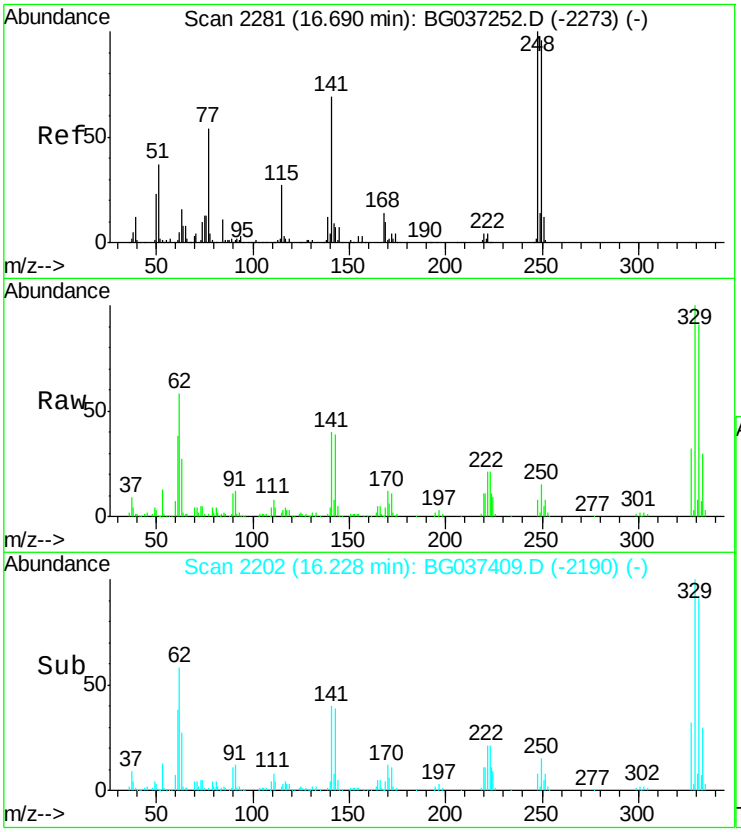


#65
4,6-Dinitro-2-methylphenol
Concen: 6.284 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.36 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Tgt Ion:198 Resp: 548

Ion	Ratio	Lower	Upper
198	100		
51	84.5	22.7	62.7#
105	109.3	19.7	59.7#



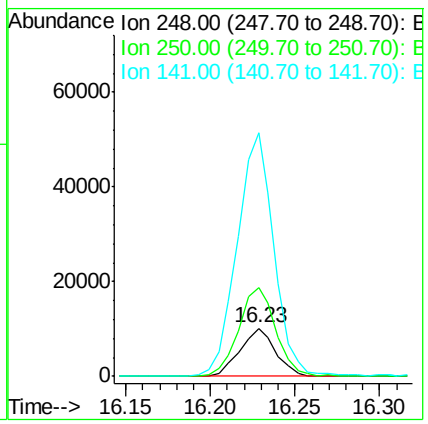


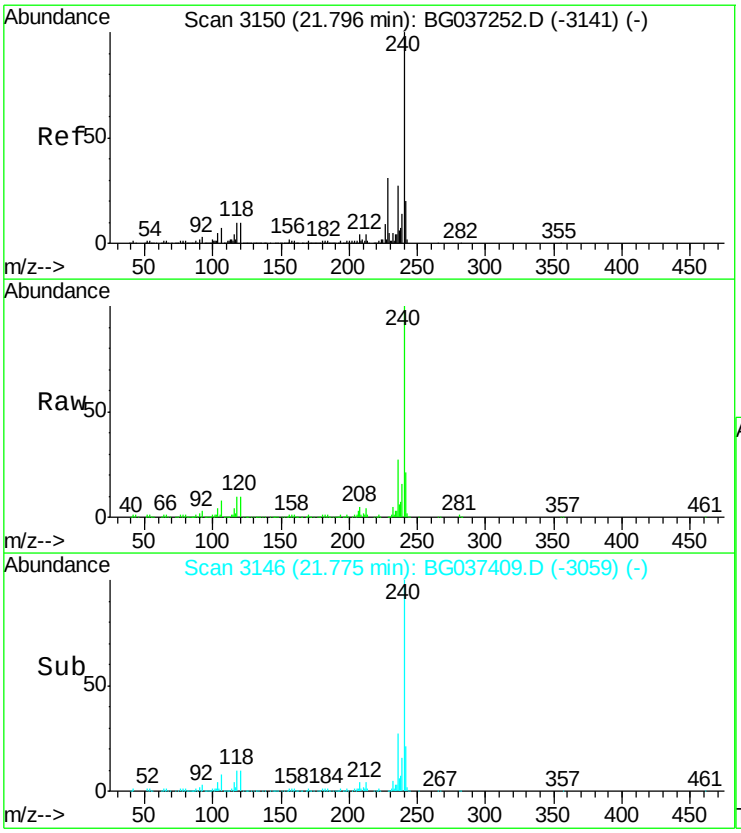
#67
4-Bromophenyl-phenylether
Concen: 3.035 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.46 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-S

Tgt Ion:248 Resp: 14858

Ion	Ratio	Lower	Upper
248	100		
250	188.5	77.0	115.6#
141	389.8	55.5	83.3#

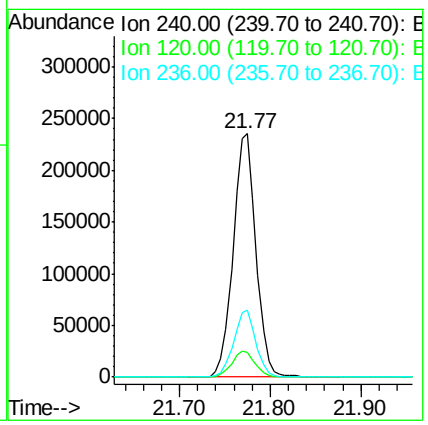


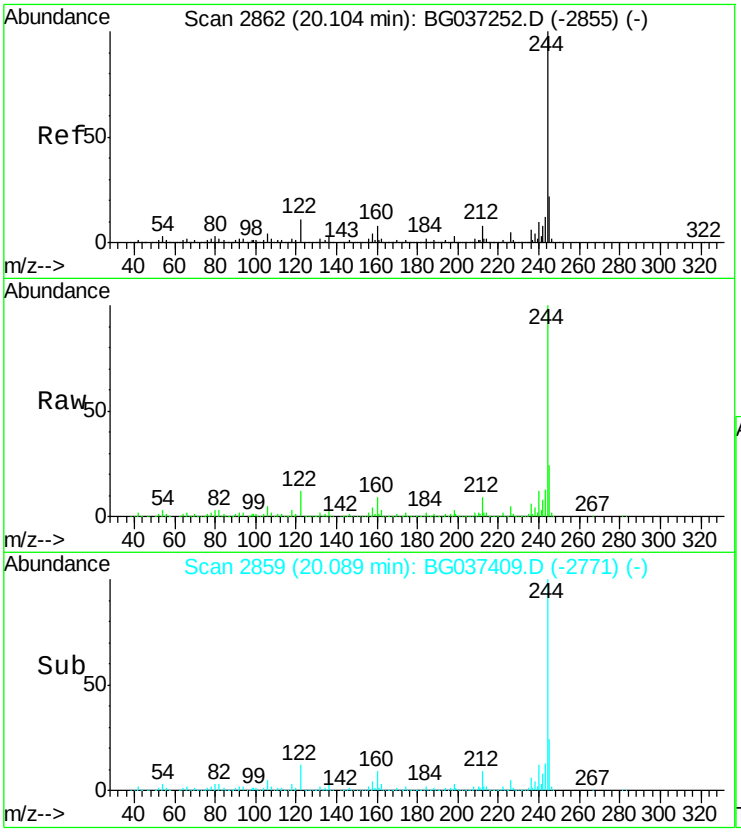


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Tgt Ion:240 Resp: 411477

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	27.3	21.4	32.0



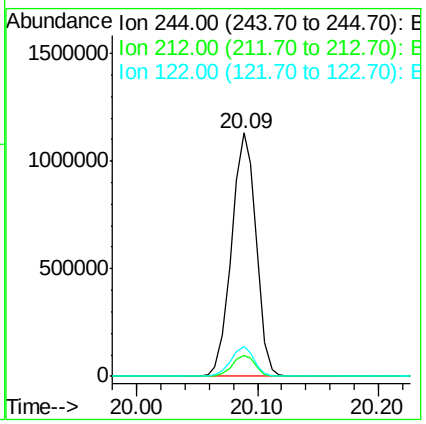


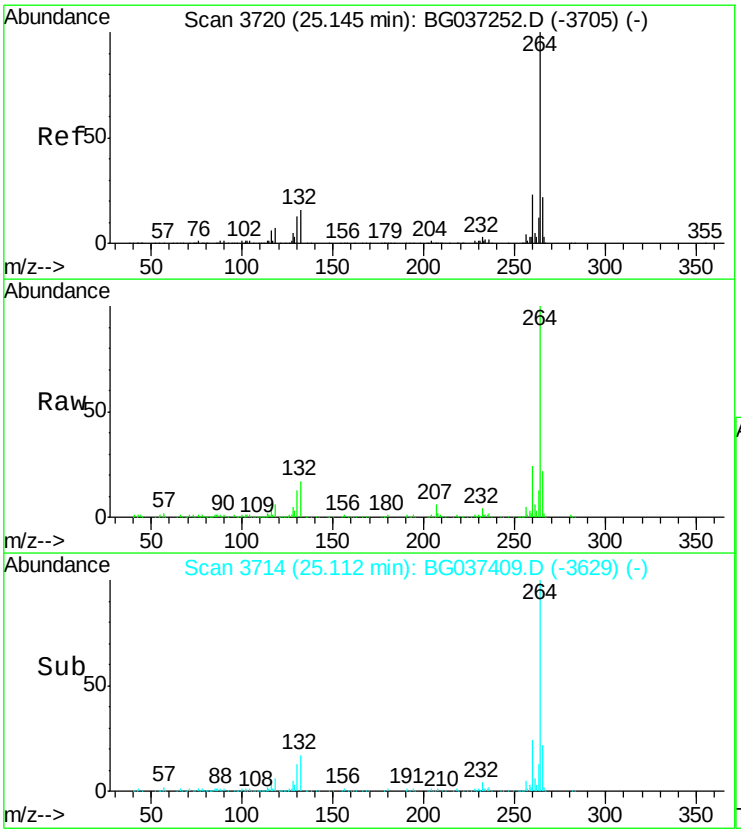
#79
Terphenyl-d14
Concen: 81.473 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.02 min
Lab File: BG037409.D
Acq: 18 Oct 2018 3:16

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-S

Tgt Ion:244 Resp: 1596588

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	12.3	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: BG037409.D
Acq: 18 Oct 2018 3:16

Tgt Ion:264 Resp: 411404

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	22.0	17.9	26.9