Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
Data File : BG037300.D
Acq On : 12 Oct 2018 20:56
Operator : JU/SJ
Sample : J5199-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-02-101118

Quant Time: Oct 13 00:17:09 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	8.12	152	53607	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	225309	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	153926	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	411781	20.00	ng		-0.01
76) Chrysene-d12	21.78	240	407496	20.00	ng		-0.01
87) Perylene-d12	25.13	264	407466	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	371307	121.90	ng		0.00
7) Phenol-d6	7.25	99	475661	102.88	ng		0.00
23) Nitrobenzene-d5	9.29	82	323759	94.47	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	209937	139.07	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	767102	74.84	ng		0.00
79) Terphenyl-d14	20.10	244	1482216	76.38	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	40803	11.657	ng	#	74
31) Naphthalene	10.99	128	25471	2.326	ng		95
48) 2-Nitroaniline	13.38	65	1251	6.180	ng	#	8
51) 2,6-Dinitrotoluene	14.75	165	19154	12.145	ng	#	25
57) 2,4-Dinitrotoluene	14.75	165	19154	11.057	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.23	198	668	6.400	ng		78
67) 4-Bromophenyl-phenylether	16.24	248	15825	3.561	ng	#	1

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
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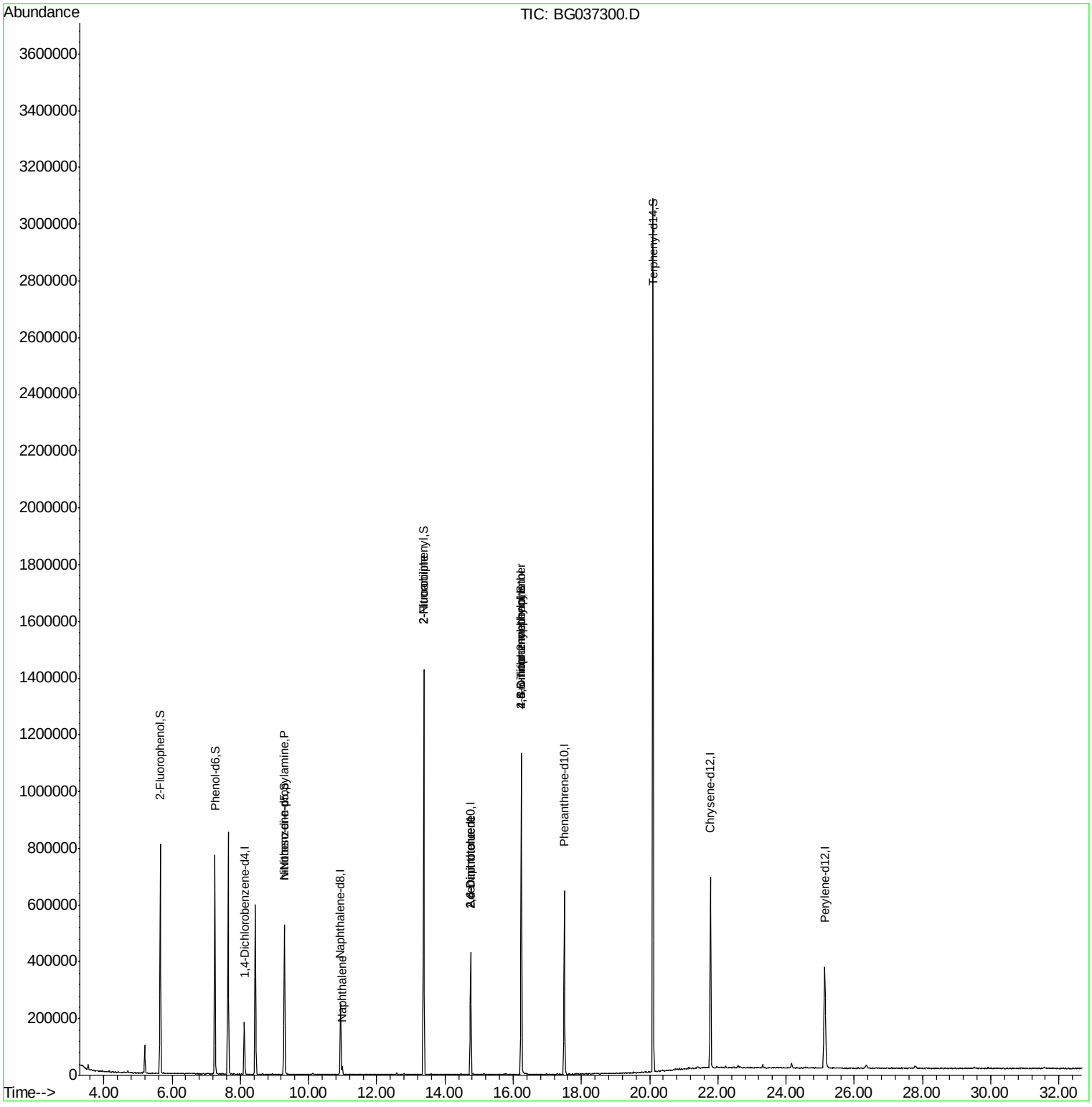
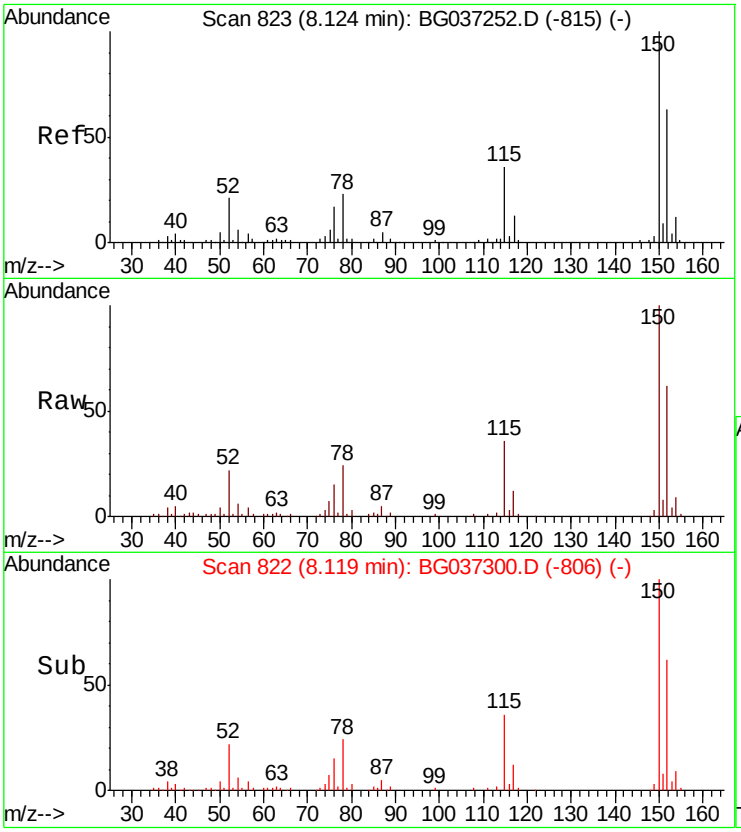
Acq On : 12 Oct 2018 20:56
Operator : JU/SJ
Sample : J5199-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-101118

Quant Time: Oct 13 00:17:09 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



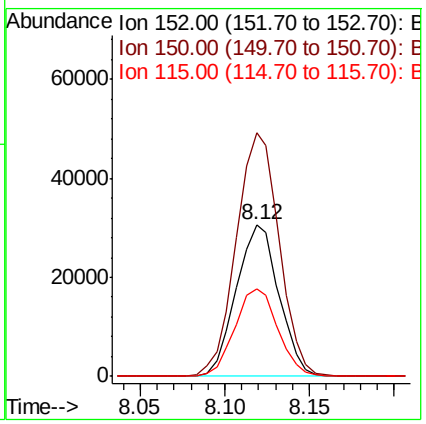


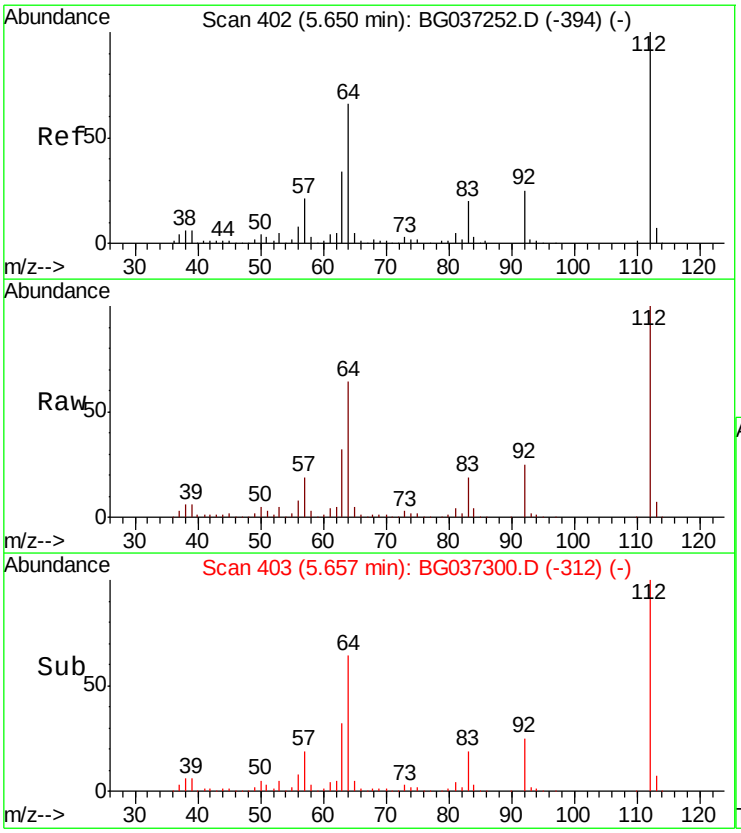
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OK-02-101118

Tgt Ion:152 Resp: 53607

Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.0	189.0
115	57.7	45.5	68.3

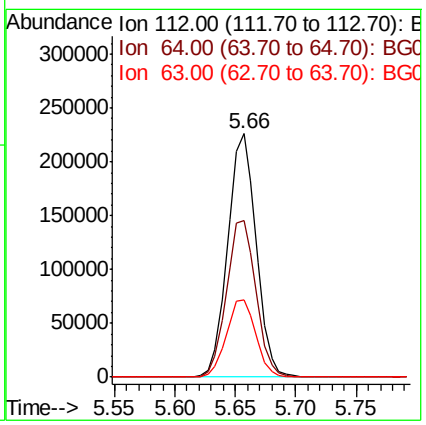


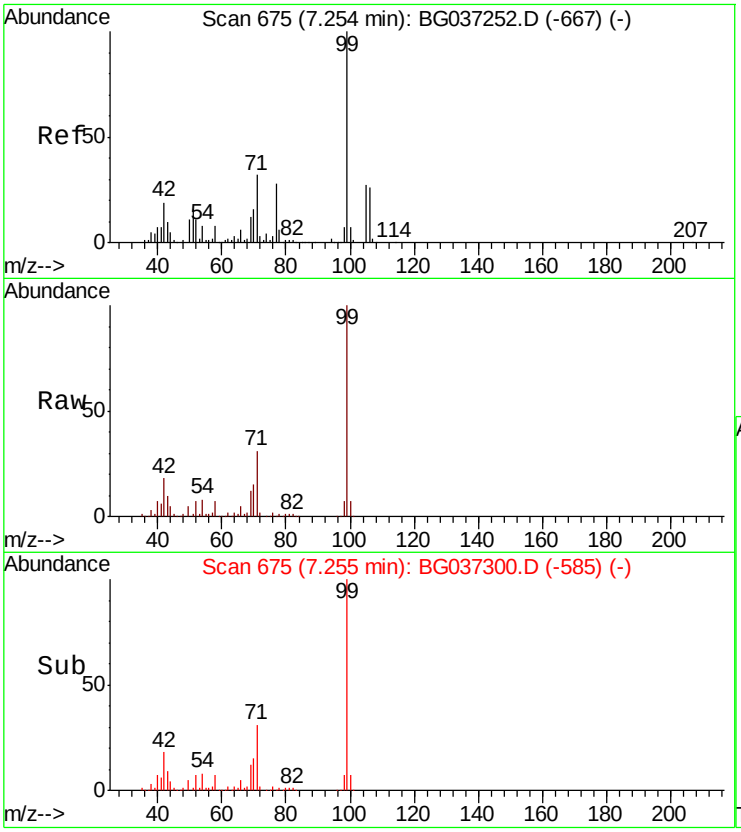


#5
2-Fluorophenol
Concen: 121.899 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Tgt Ion:112 Resp: 371307

Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.1	79.7
63	31.8	27.3	40.9



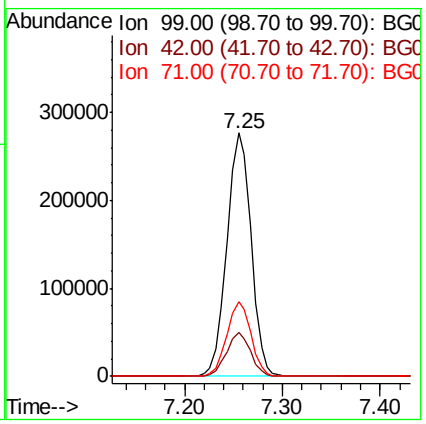


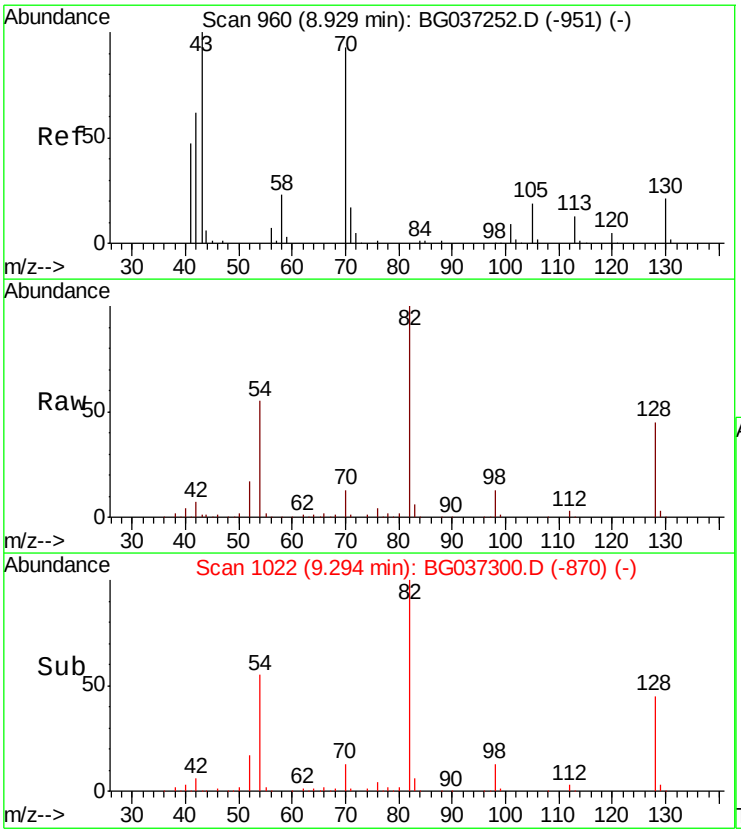
#7
Phenol-d6
Concen: 102.882 ng
RT: 7.25 min Scan# 675
Delta R.T. 0.00 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OK-02-101118

Tgt Ion: 99 Resp: 475661

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	30.8	25.5	38.3

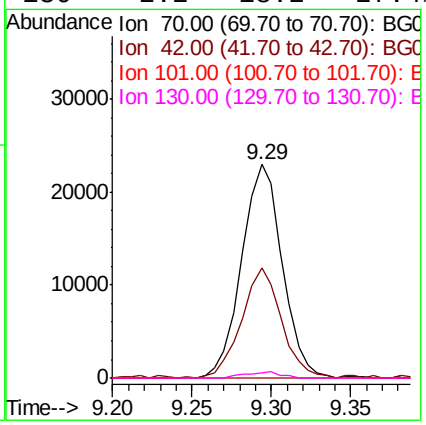


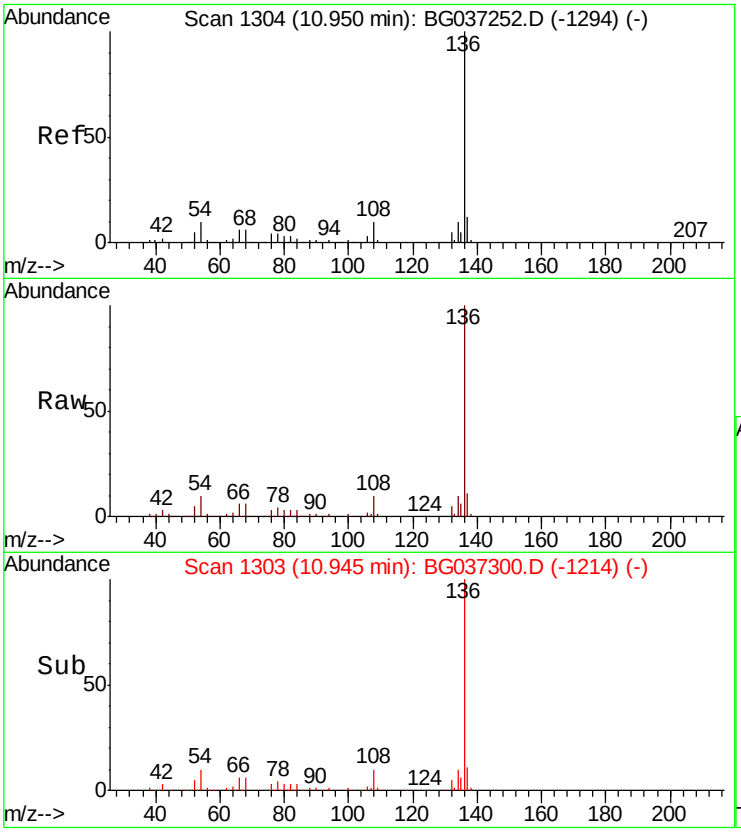


#19
n-Nitroso-di-n-propylamine
Concen: 11.657 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.36 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Tgt Ion: 70 Resp: 40803

Ion	Ratio	Lower	Upper
70	100		
42	51.3	53.9	80.9#
101	0.0	8.2	12.2#
130	2.2	18.2	27.4#



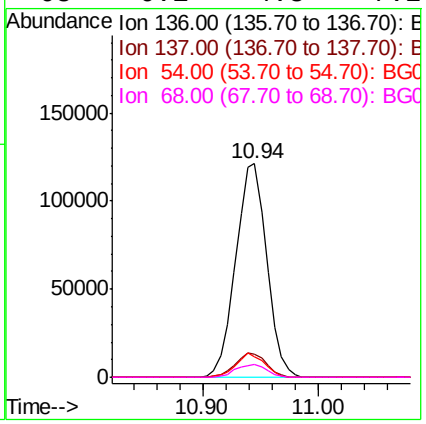


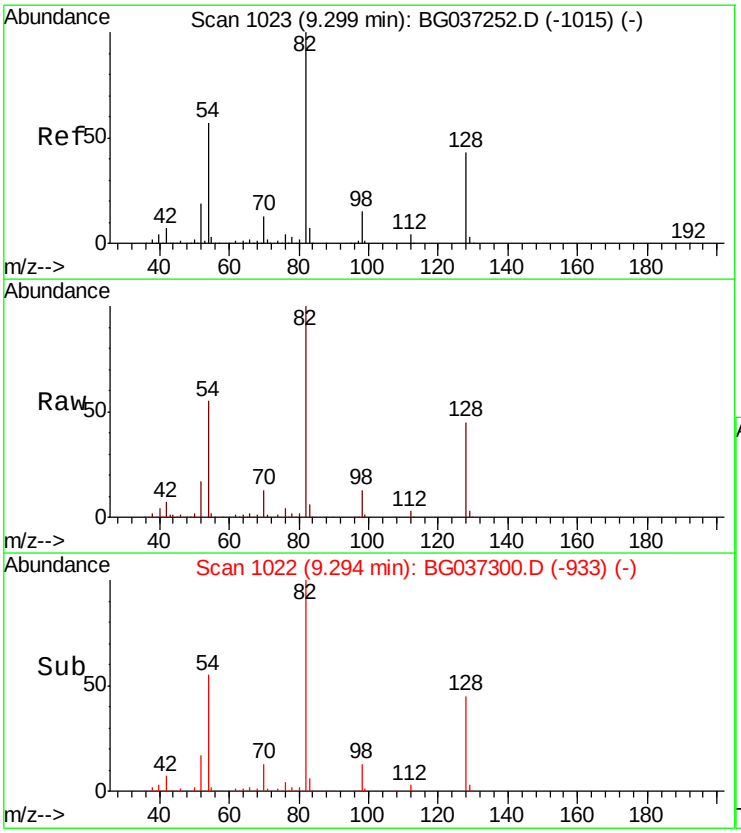
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OK-02-101118

Tgt Ion:136 Resp: 225309

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.6	7.9	11.9
68	6.1	4.8	7.2

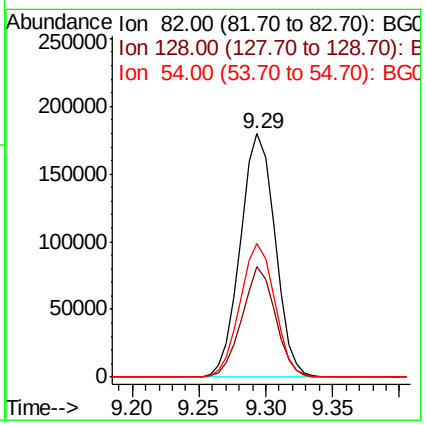


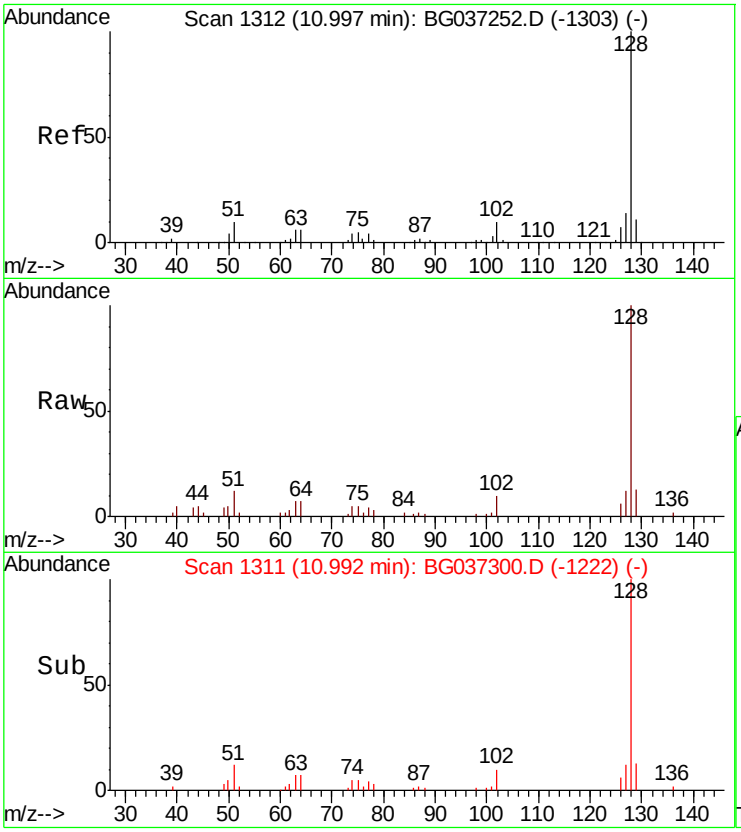


#23
Nitrobenzene-d5
Concen: 94.472 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Tgt Ion: 82 Resp: 323759

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	54.8	45.3	67.9



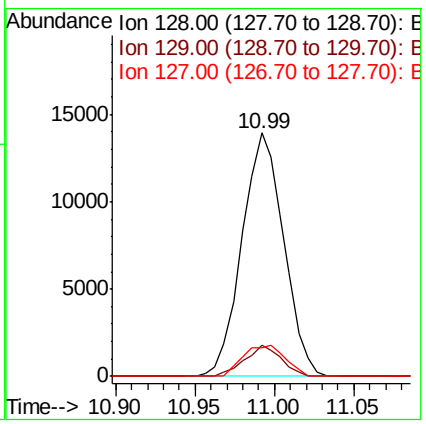


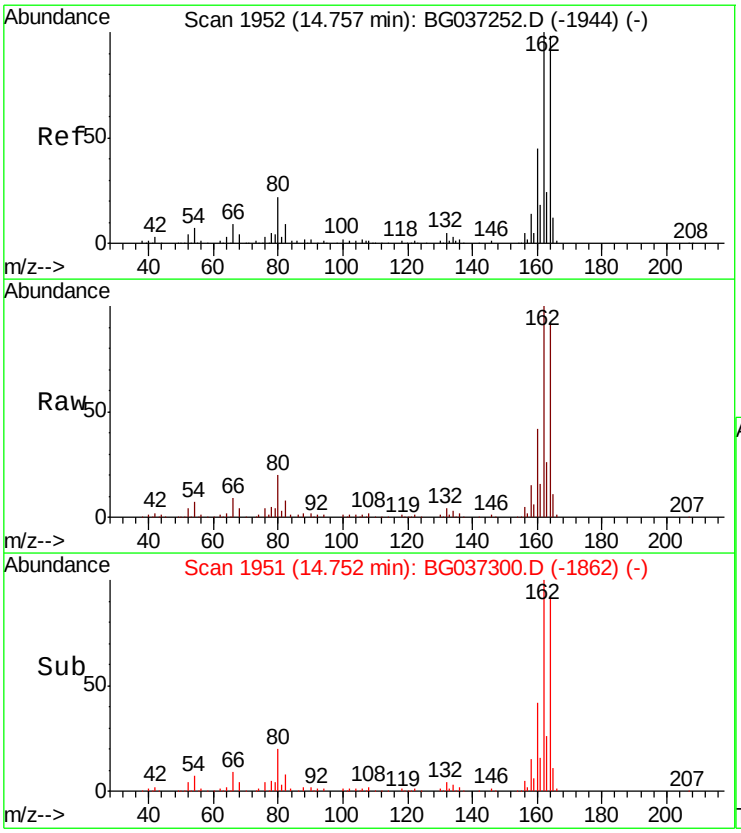
#31
Naphthalene
Concen: 2.326 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OK-02-101118

Tgt Ion:128 Resp: 25471

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.0	13.6
127	11.6	11.1	16.7

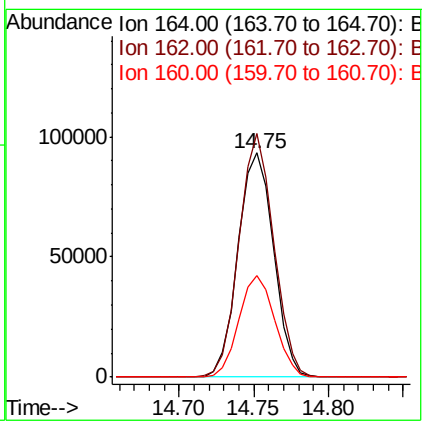


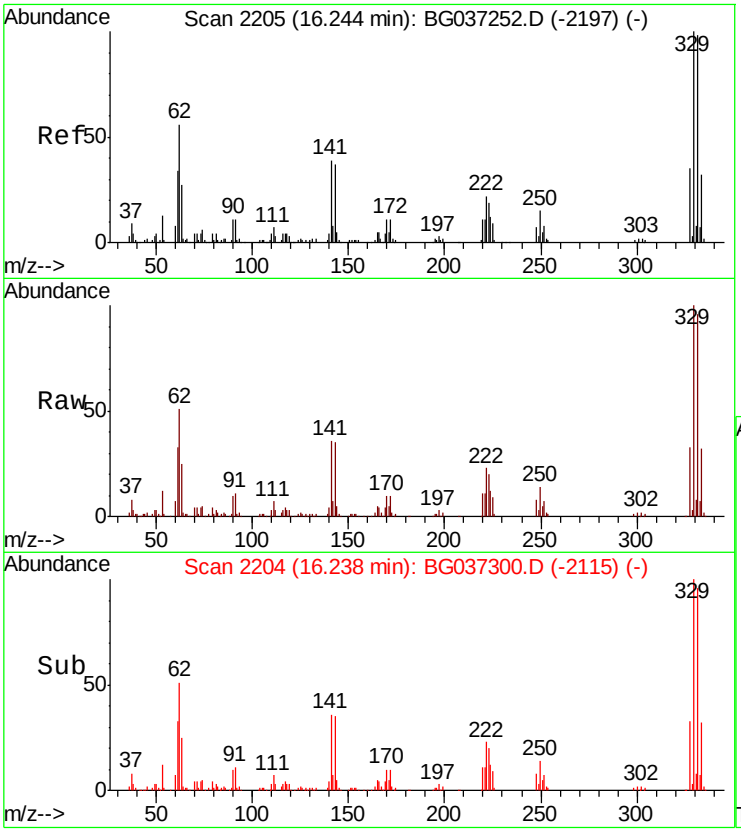


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Tgt Ion:164 Resp: 153926

Ion	Ratio	Lower	Upper
164	100		
162	108.7	81.3	121.9
160	45.3	36.3	54.5



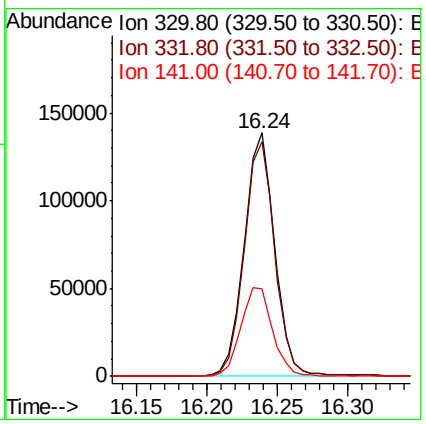


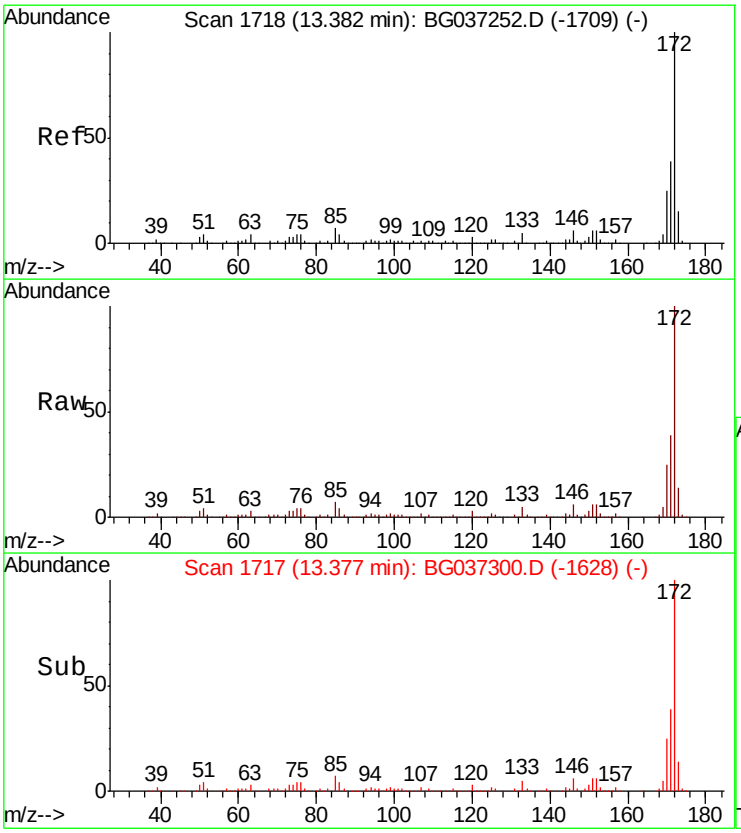
#42
2,4,6-Tribromophenol
Concen: 139.069 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OK-02-101118

Tgt Ion:330 Resp: 209937

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.4	117.6
141	38.2	32.2	48.2

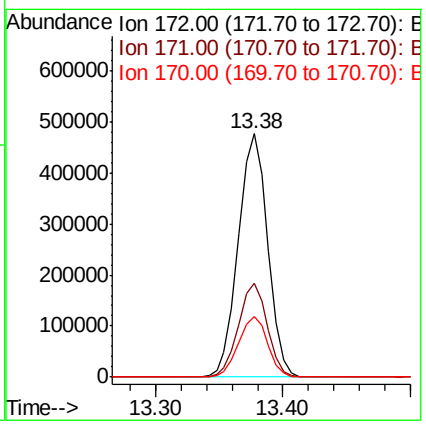


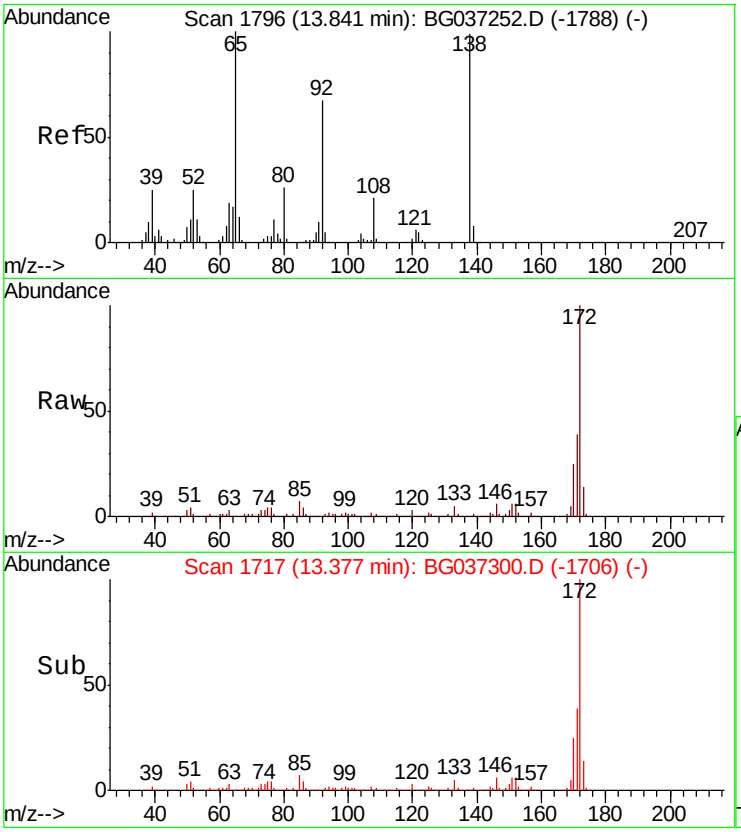


#45
2-Fluorobiphenyl
Concen: 74.842 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Tgt Ion:172 Resp: 767102

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	25.0	20.2	30.2



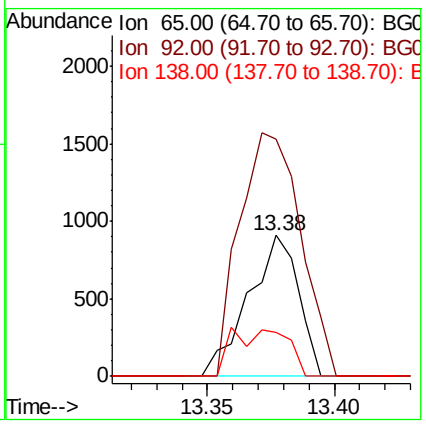


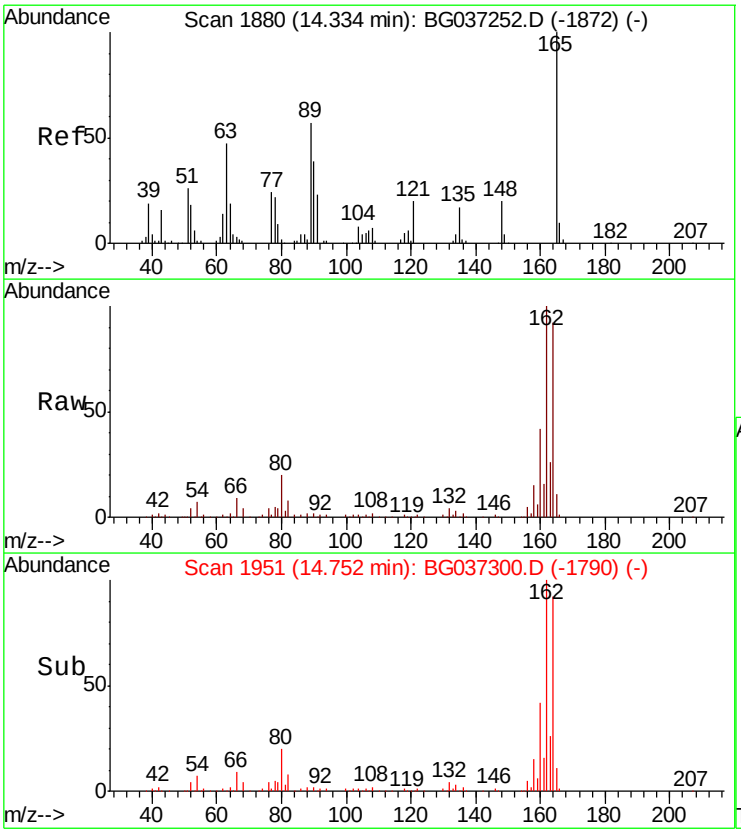
#48
2-Nitroaniline
Concen: 6.180 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.46 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OK-02-101118

Tgt Ion: 65 Resp: 1251

Ion	Ratio	Lower	Upper
65	100		
92	168.4	53.2	79.8#
138	31.2	79.3	118.9#

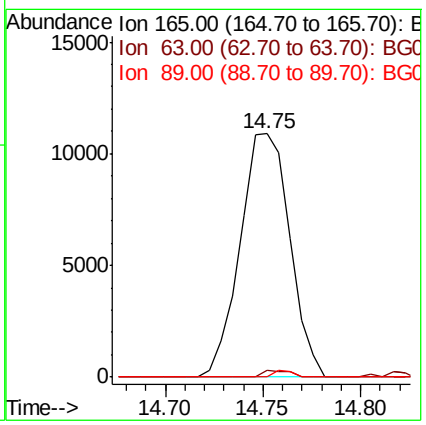


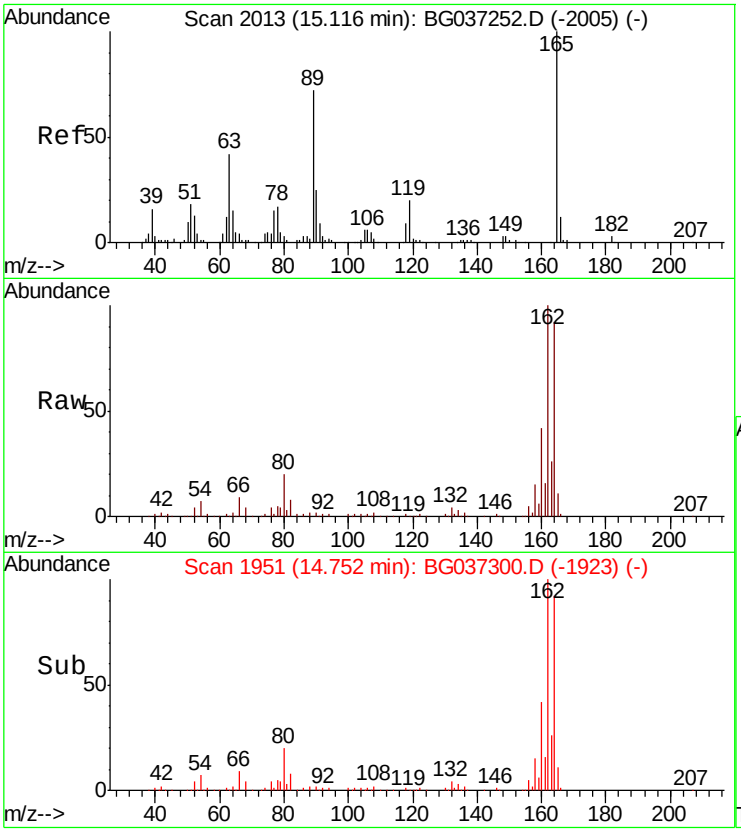


#51
2,6-Dinitrotoluene
Concen: 12.145 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.42 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Tgt Ion:165 Resp: 19154

Ion	Ratio	Lower	Upper
165	100		
63	2.8	43.4	65.2#
89	0.0	45.8	68.6#



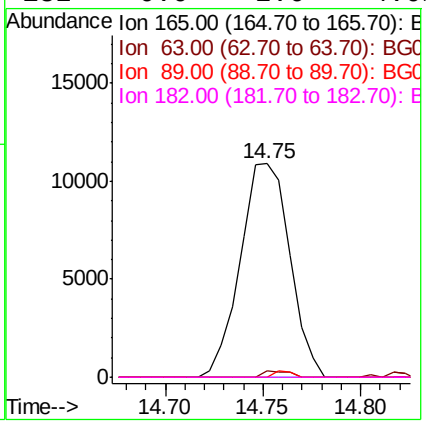


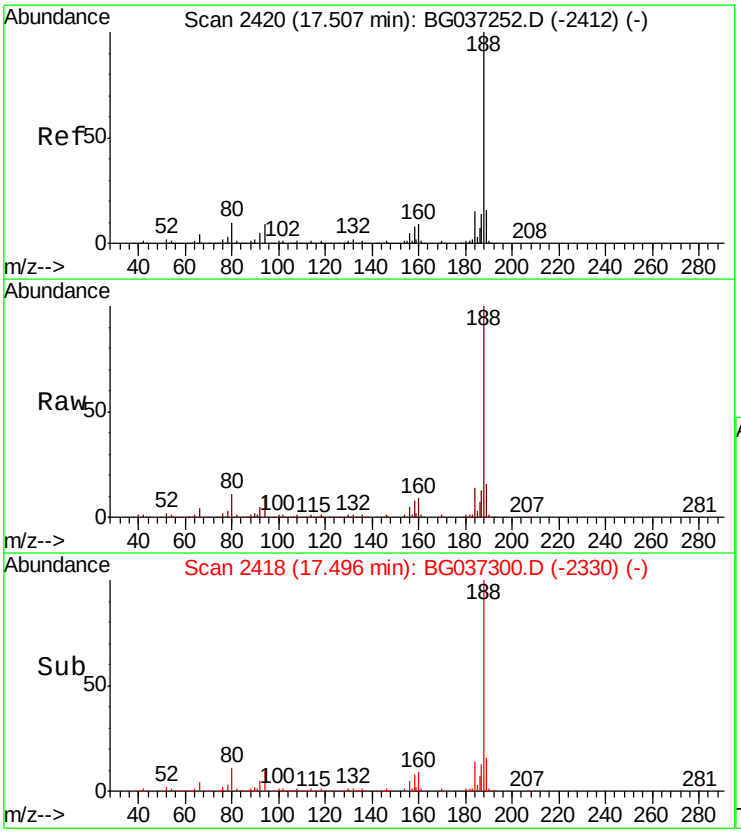
#57
2,4-Dinitrotoluene
Concen: 11.057 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.36 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OK-02-101118

Tgt Ion:165 Resp: 19154

Ion	Ratio	Lower	Upper
165	100		
63	2.8	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

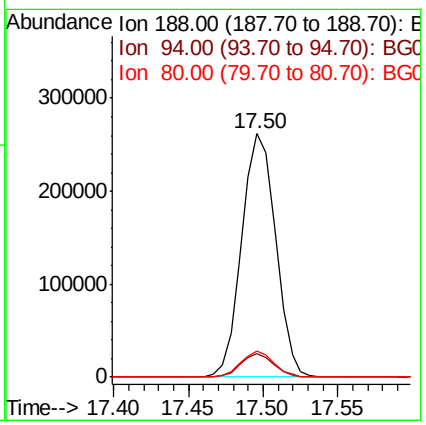


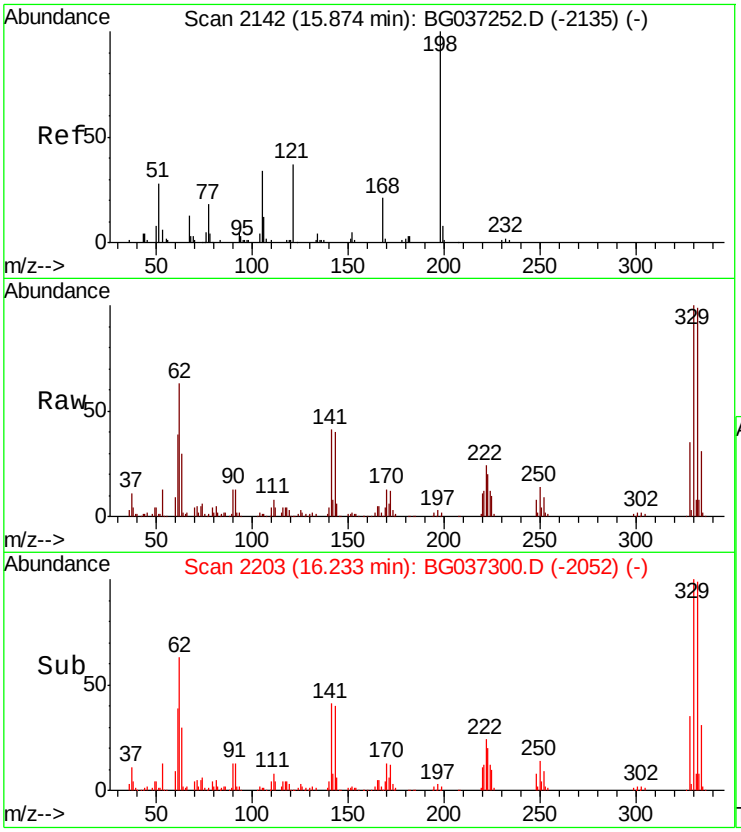


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Tgt Ion:188 Resp: 411781

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.9	7.7	11.5



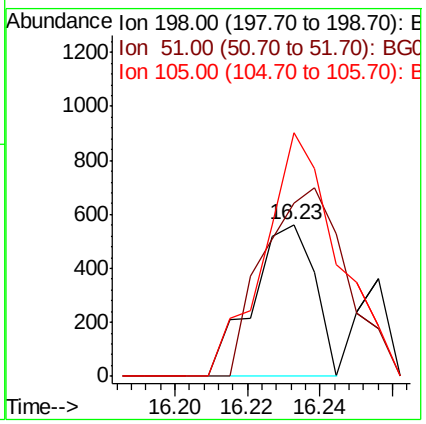


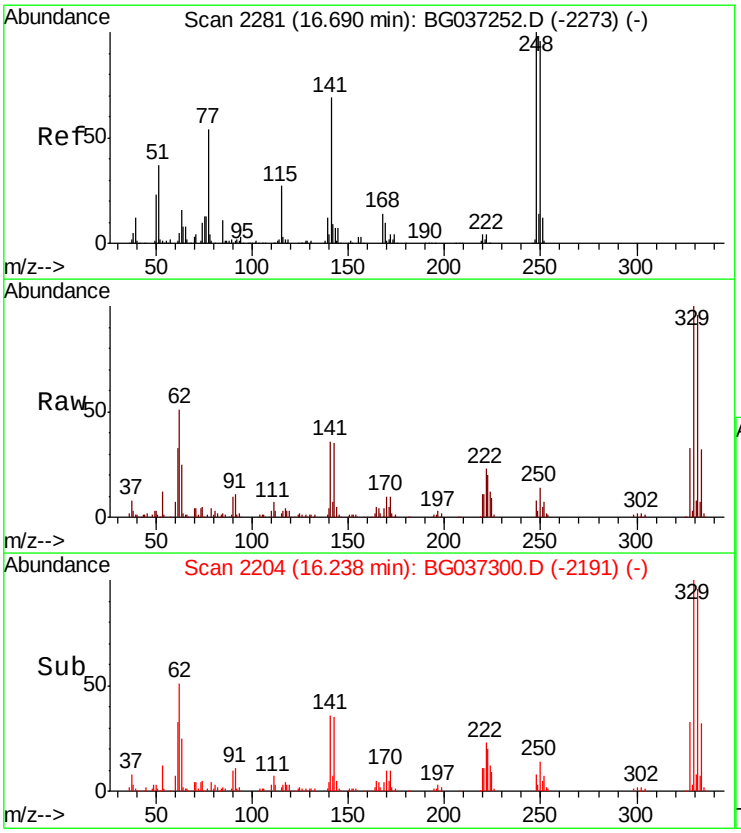
#65
4,6-Dinitro-2-methylphenol
Concen: 6.400 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.36 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OK-02-101118

Tgt Ion:198 Resp: 668

Ion	Ratio	Lower	Upper
198	100		
51	22.8	22.7	62.7
105	32.0	19.7	59.7

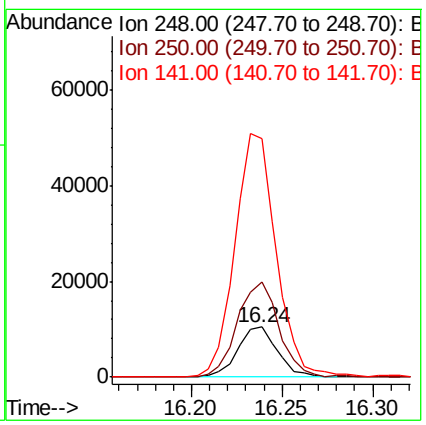


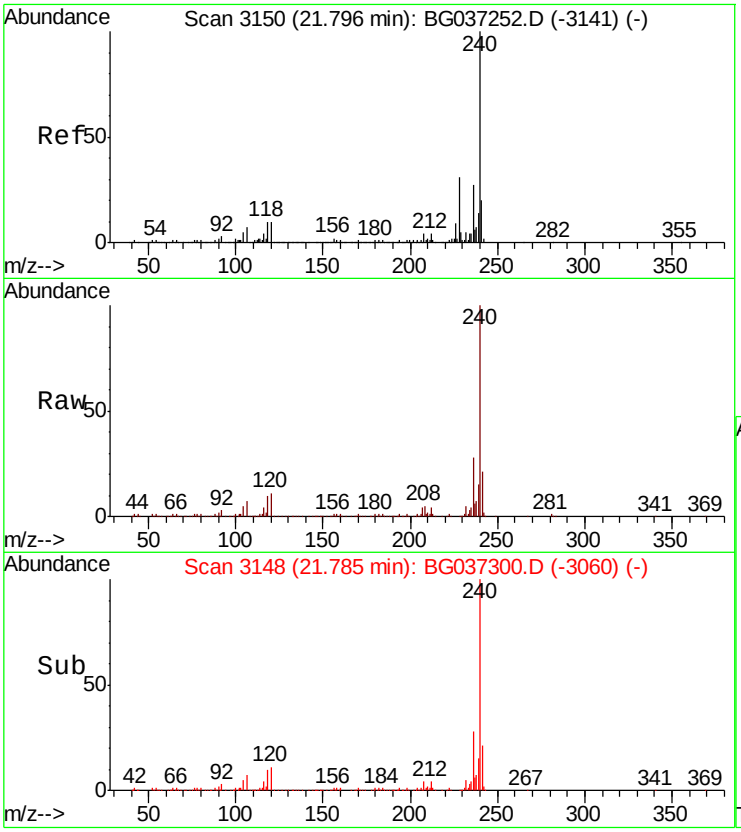


#67
4-Bromophenyl-phenylether
Concen: 3.561 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Tgt Ion:248 Resp: 15825

Ion	Ratio	Lower	Upper
248	100		
250	191.1	77.0	115.6#
141	358.6	55.5	83.3#



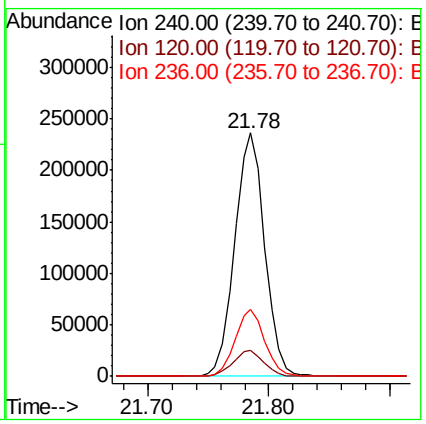


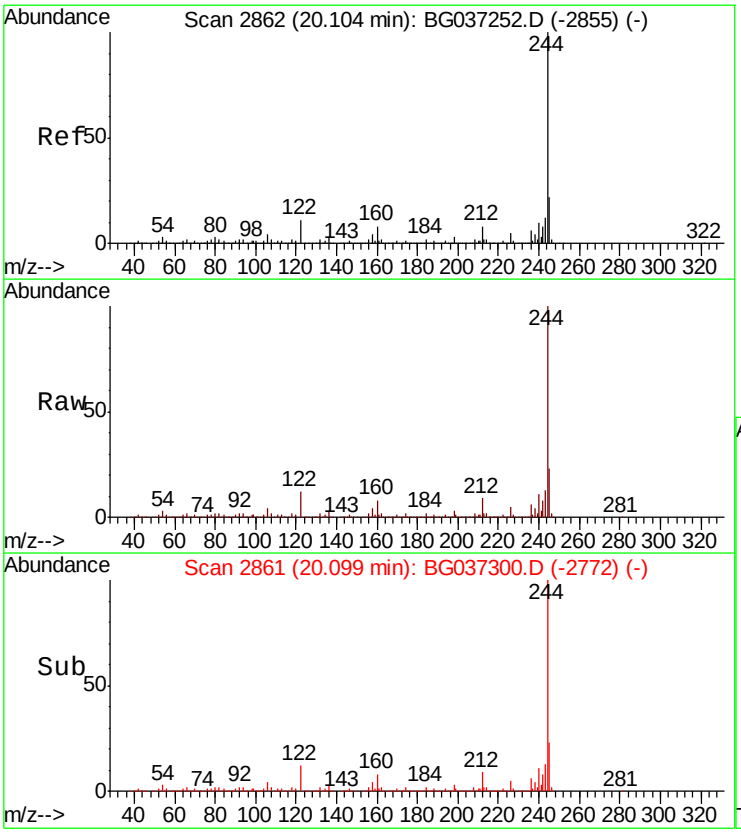
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OK-02-101118

Tgt Ion:240 Resp: 407496

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	27.7	21.4	32.0

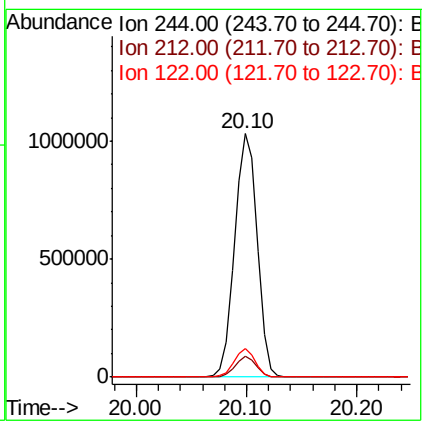


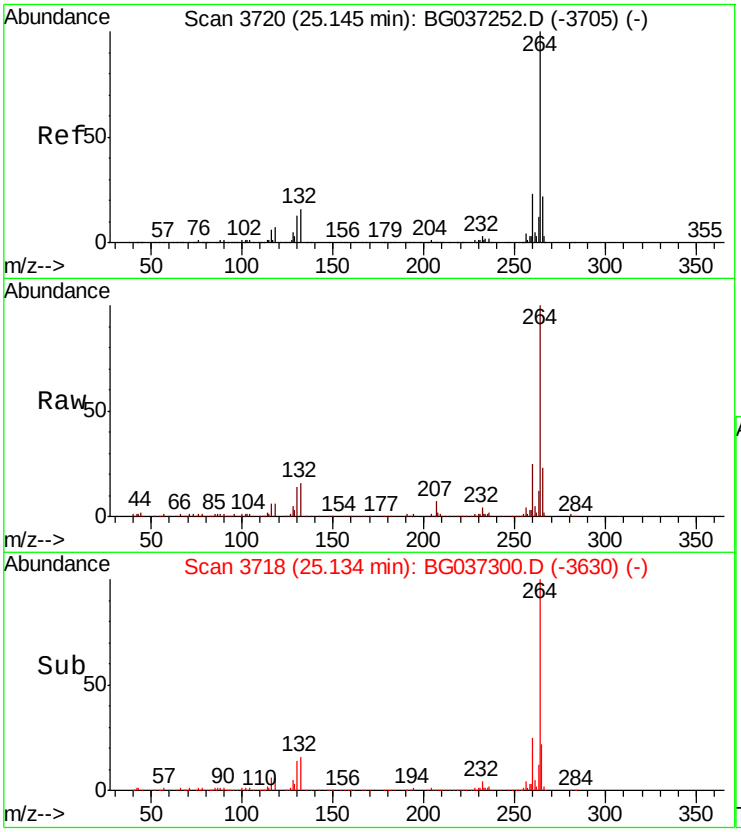


#79
Terphenyl-d14
Concen: 76.376 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Tgt Ion:244 Resp: 1482216

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.7	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_G
ClientSampleId :
OK-02-101118

Tgt Ion:264 Resp: 407466

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.2	27.4
265	22.6	17.9	26.9