Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110718\
Data File : BG037867.D
Acq On : 7 Nov 2018 16:05
Operator : JU/SJ
Sample : J5820-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS103081

Quant Time: Nov 07 16:55:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	61080	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	275542	20.00	ng		-0.02
39) Acenaphthene-d10	14.72	164	183833	20.00	ng		-0.02
64) Phenanthrene-d10	17.47	188	391244	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	347421	20.00	ng		-0.02
87) Perylene-d12	25.09	264	323356	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	201954	55.28	ng		-0.01
7) Phenol-d6	7.23	99	182352	33.01	ng		-0.02
23) Nitrobenzene-d5	9.27	82	415930	84.56	ng		-0.01
42) 2,4,6-Tribromophenol	16.22	330	229291	114.36	ng		-0.01
45) 2-Fluorobiphenyl	13.35	172	993058	81.46	ng		-0.02
79) Terphenyl-d14	20.07	244	1318023	81.06	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.27	70	50920	13.385	ng	#	69
35) Caprolactam	11.84	113	64042	34.894	ng		95
51) 2,6-Dinitrotoluene	14.72	165	23491	7.467	ng	#	24
57) 2,4-Dinitrotoluene	14.72	165	23491	5.688	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.22	198	638	8.763	ng		81
67) 4-Bromophenyl-phenylether	16.21	248	17021	3.962	ng	#	1

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

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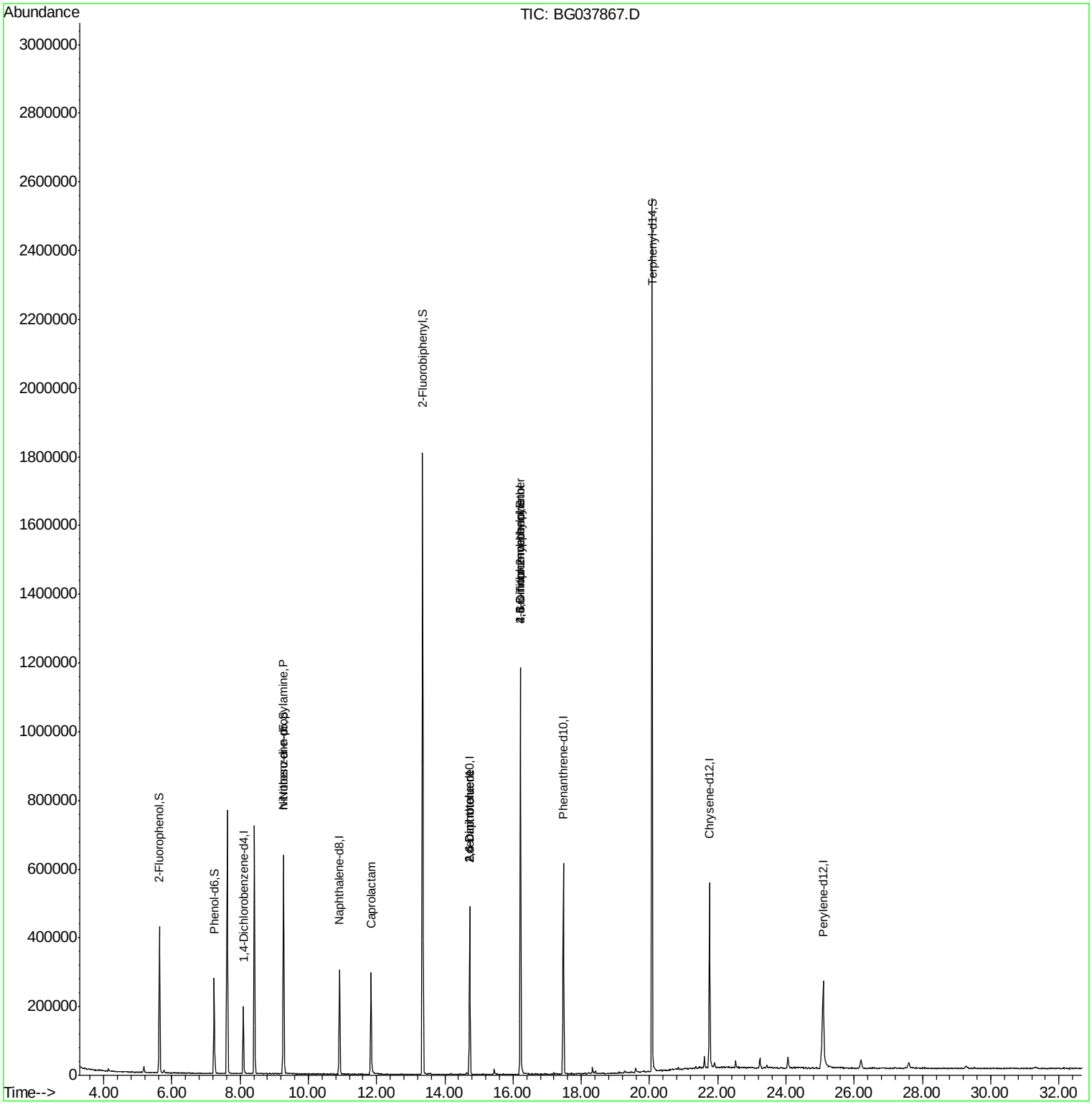
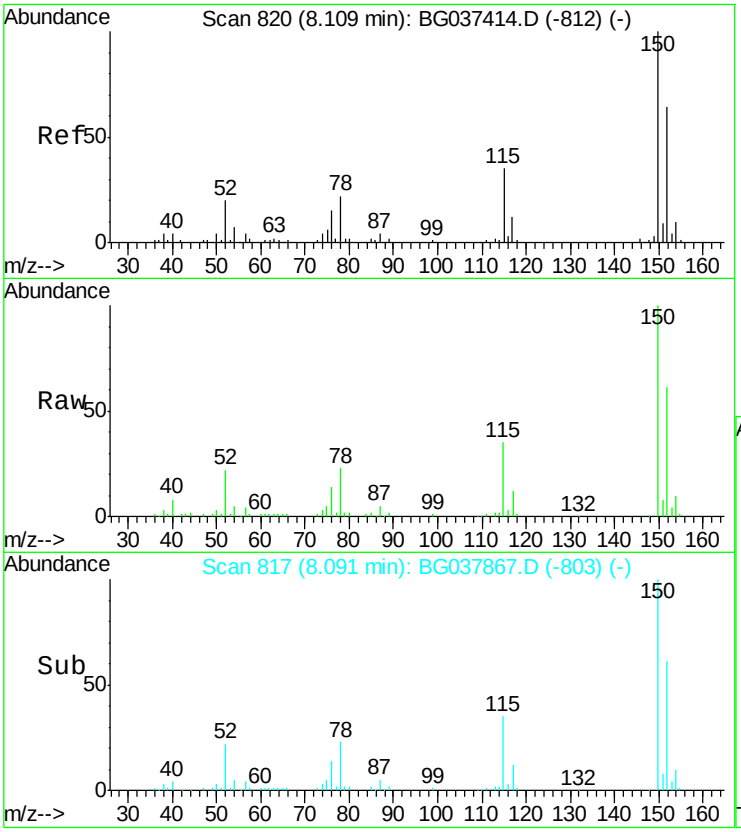


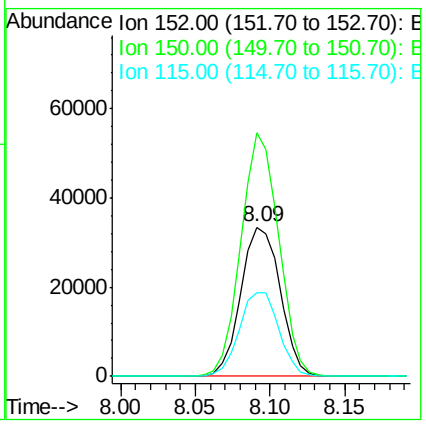


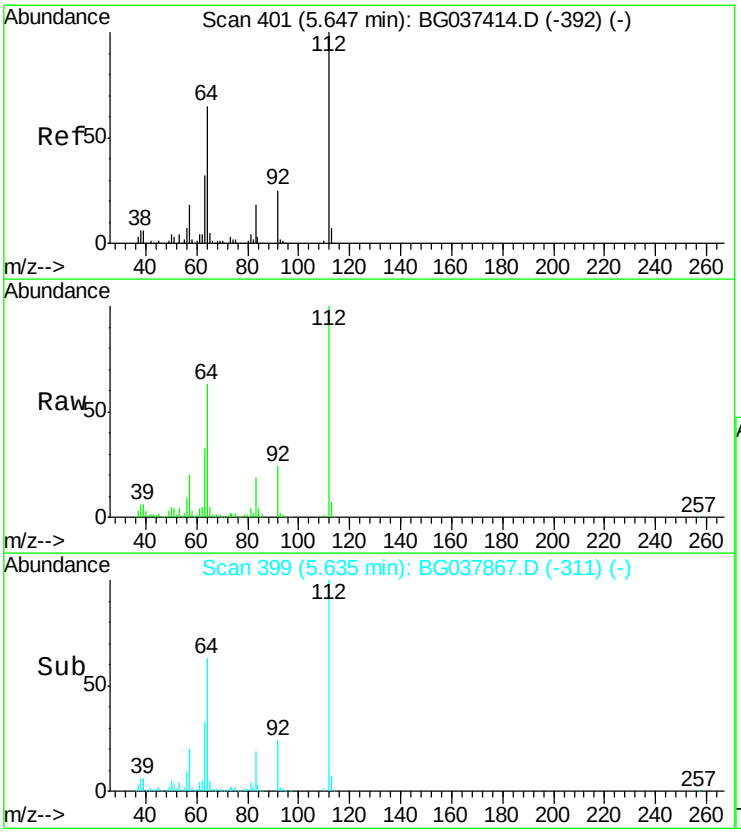
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Instrument :
BNA_G
ClientSampleId :
CPS103081

Tgt Ion:152 Resp: 61080

Ion	Ratio	Lower	Upper
152	100		
150	163.2	126.0	189.0
115	56.5	45.5	68.3

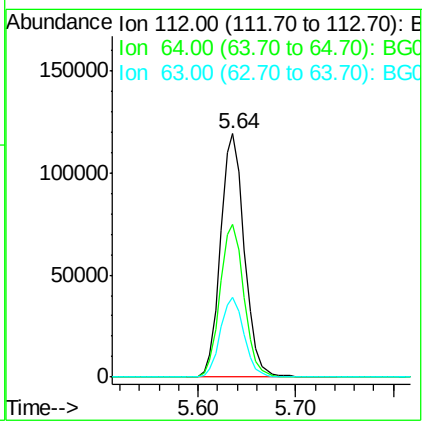


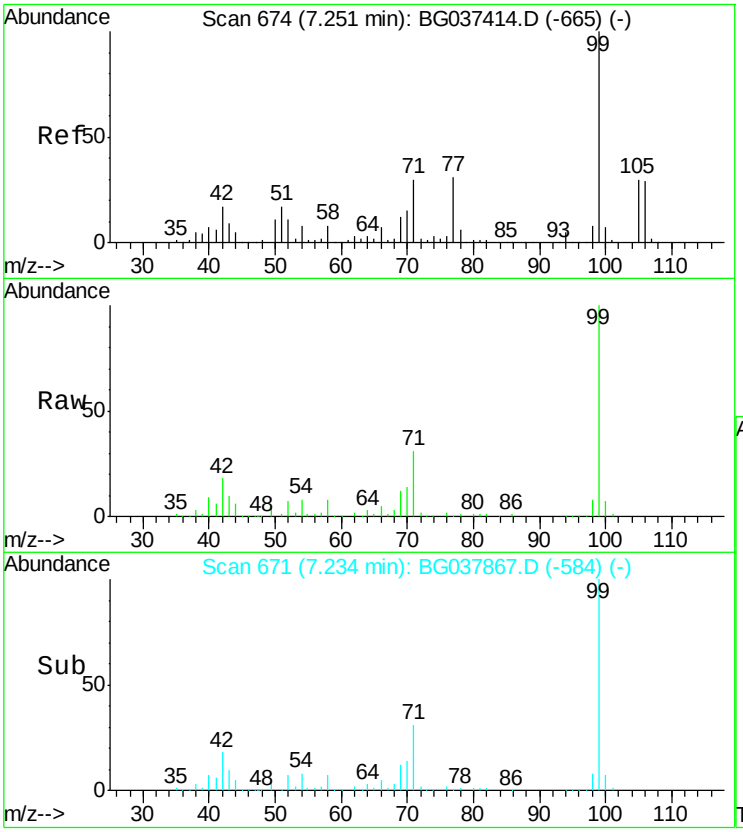


#5
2-Fluorophenol
Concen: 55.278 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Tgt Ion:112 Resp: 201954

Ion	Ratio	Lower	Upper
112	100		
64	62.7	53.1	79.7
63	32.8	27.3	40.9



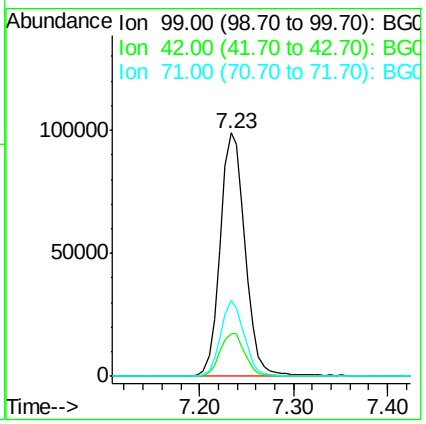


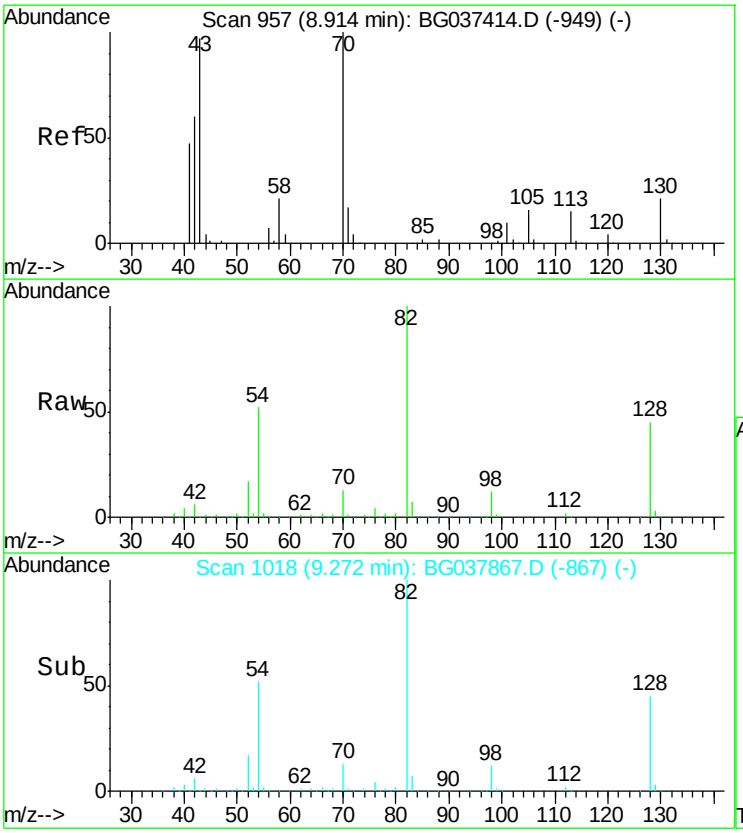
#7
Phenol-d6
Concen: 33.008 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.02 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Instrument :
BNA_G
ClientSampleId :
CPS103081

Tgt Ion: 99 Resp: 182352

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.4
71	31.3	25.5	38.3

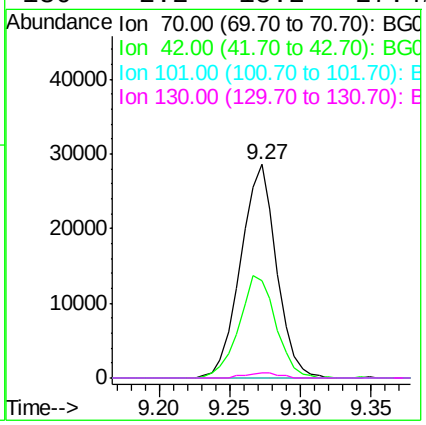


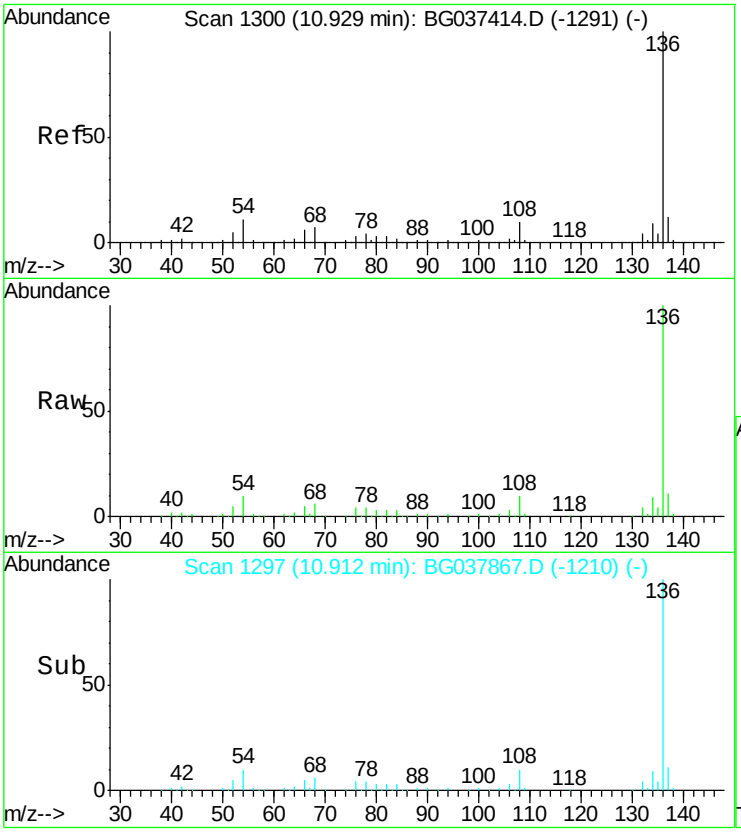


#19
n-Nitroso-di-n-propylamine
Concen: 13.385 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Tgt Ion: 70 Resp: 50920

Ion	Ratio	Lower	Upper
70	100		
42	45.4	53.9	80.9#
101	0.0	8.2	12.2#
130	2.2	18.2	27.4#



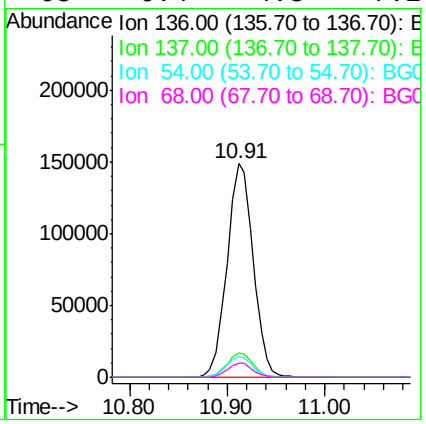


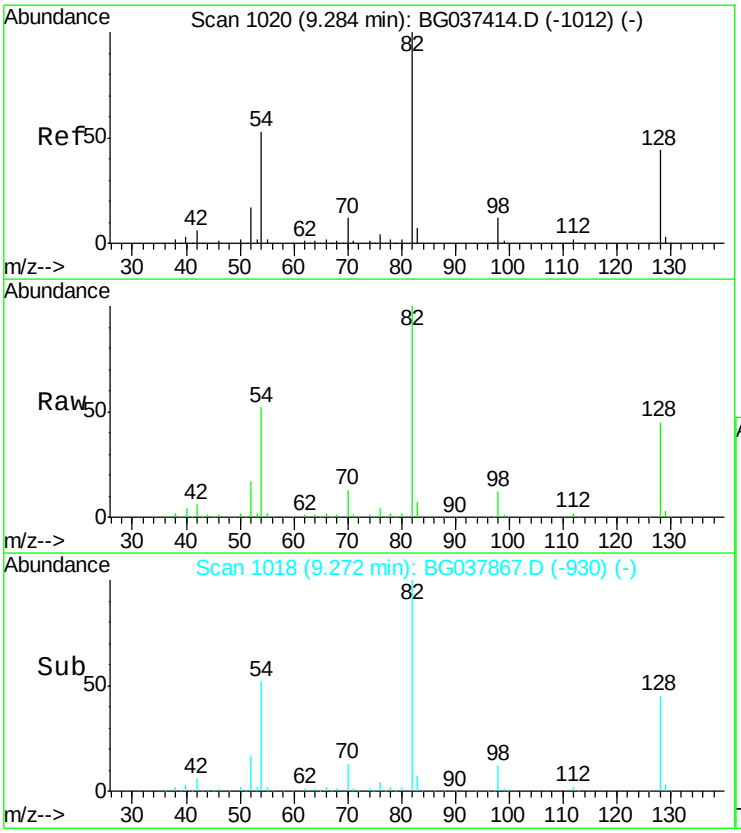
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Instrument :
BNA_G
ClientSampleId :
CPS103081

Tgt Ion:136 Resp: 275542

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	9.6	7.9	11.9
68	6.4	4.8	7.2

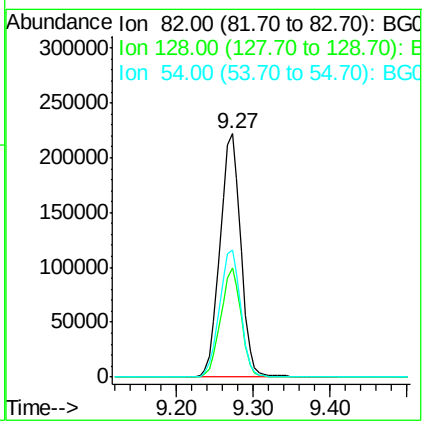


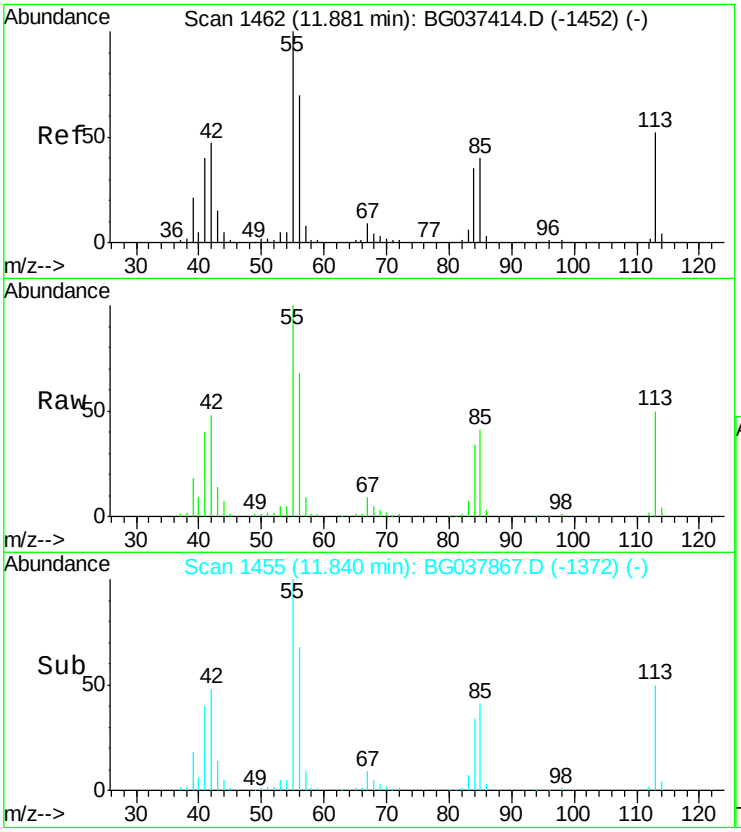


#23
Nitrobenzene-d5
Concen: 84.560 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Tgt Ion: 82 Resp: 415930

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	52.1	45.3	67.9



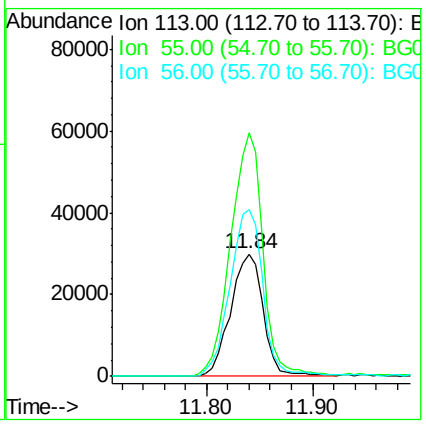


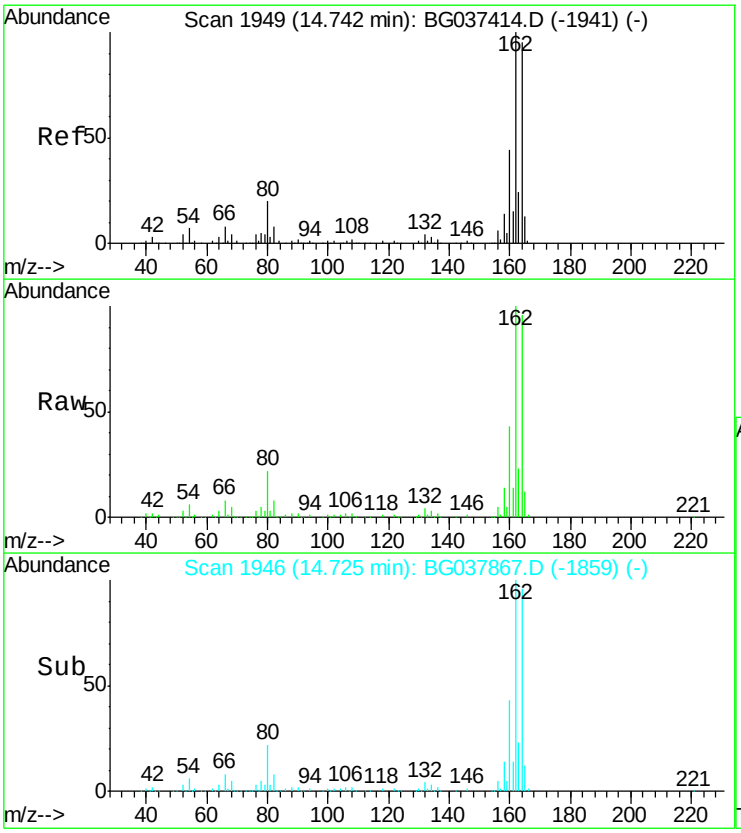
#35
Caprolactam
Concen: 34.894 ng
RT: 11.84 min Scan# 1455
Delta R.T. -0.04 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Instrument :
BNA_G
ClientSampleId :
CPS103081

Tgt Ion:113 Resp: 64042

Ion	Ratio	Lower	Upper
113	100		
55	199.4	176.6	216.6
56	136.2	128.3	168.3

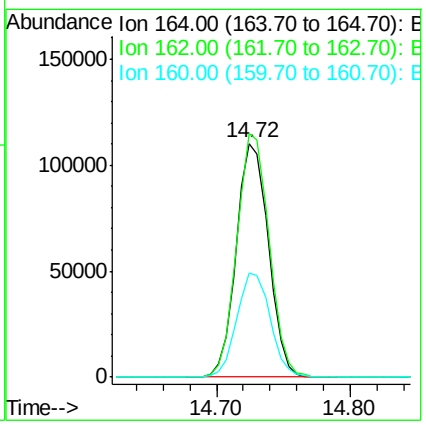


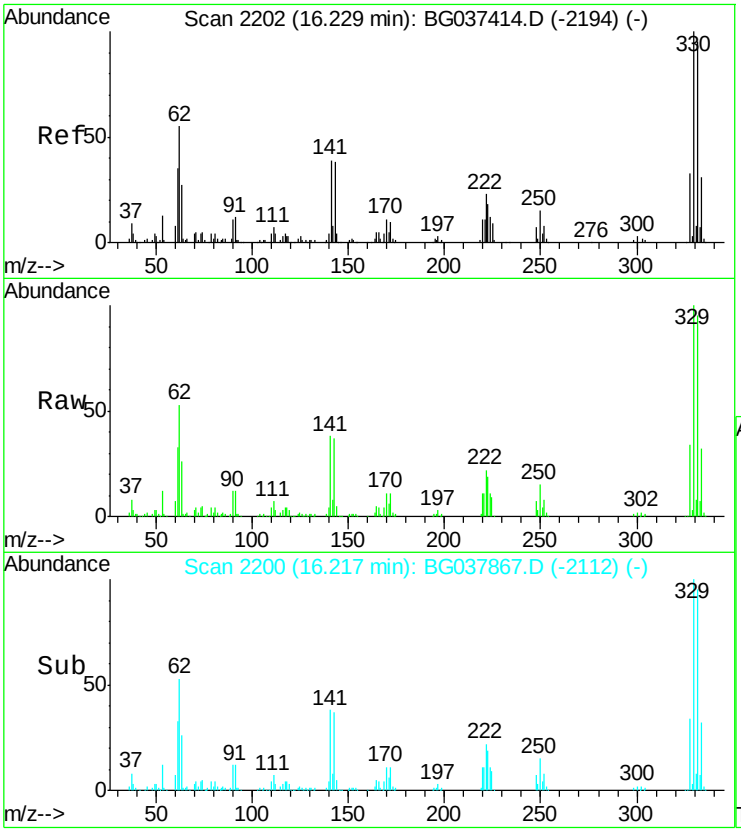


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Tgt Ion:164 Resp: 183833

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	44.3	36.3	54.5



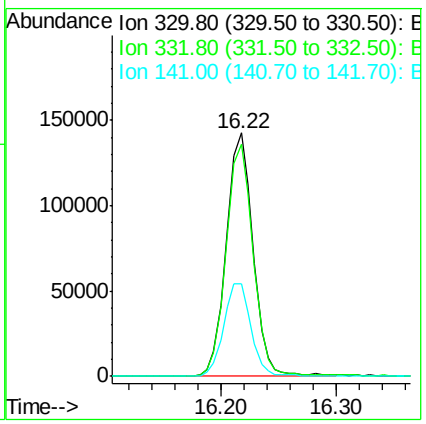


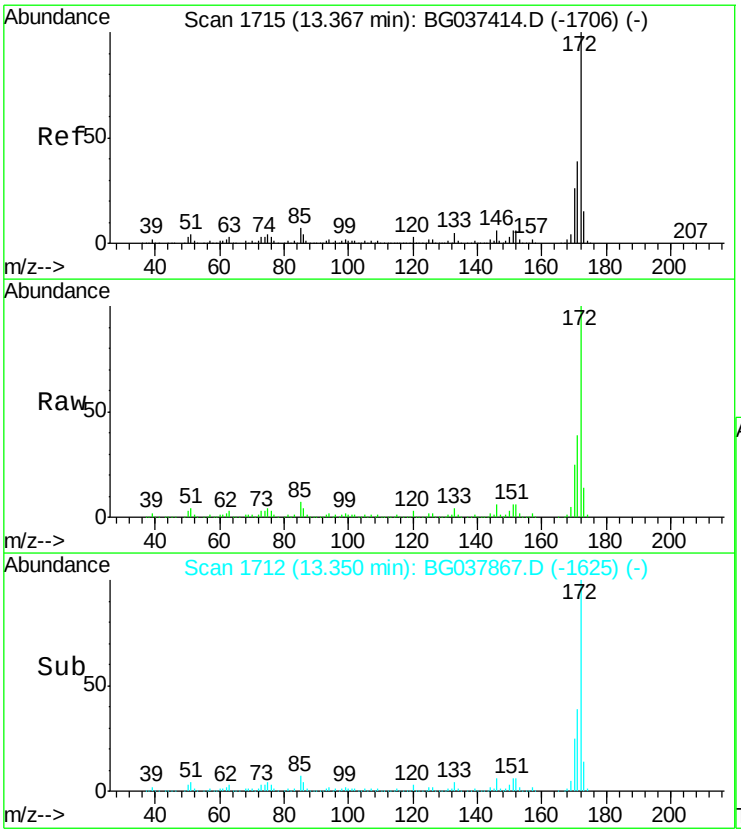
#42
2,4,6-Tribromophenol
Concen: 114.357 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Instrument :
BNA_G
ClientSampleId :
CPS103081

Tgt Ion:330 Resp: 229291

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.4	117.6
141	39.0	32.2	48.2

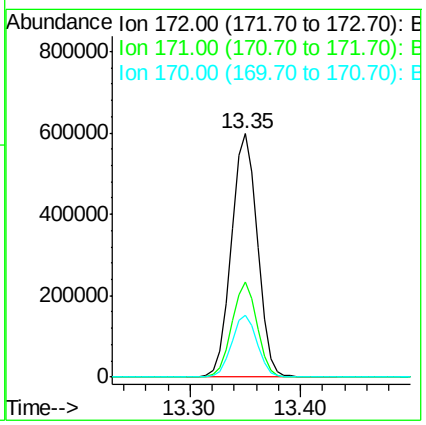


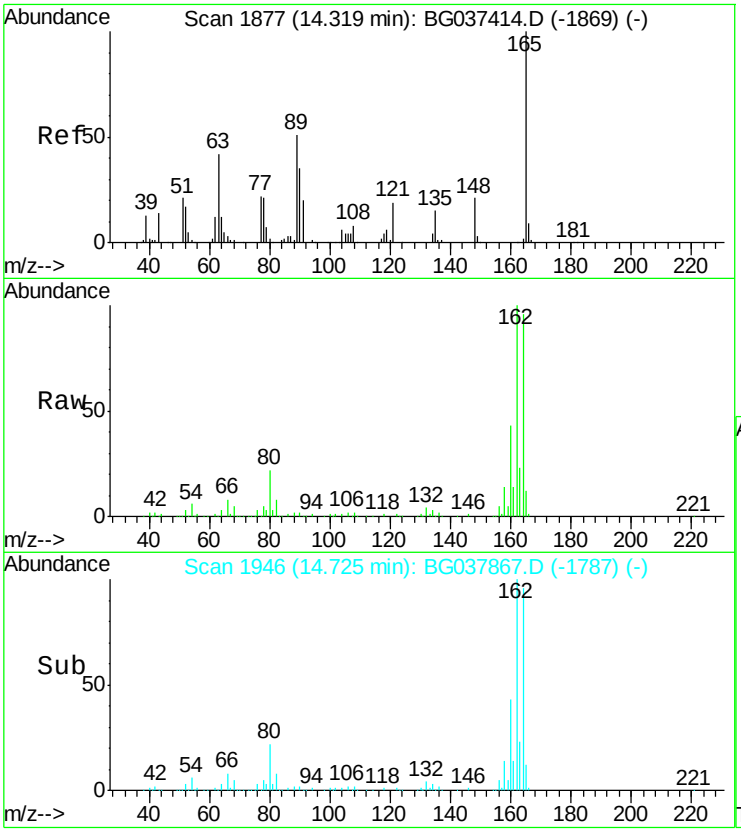


#45
2-Fluorobiphenyl
Concen: 81.458 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Tgt Ion:172 Resp: 993058

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	25.4	20.2	30.2



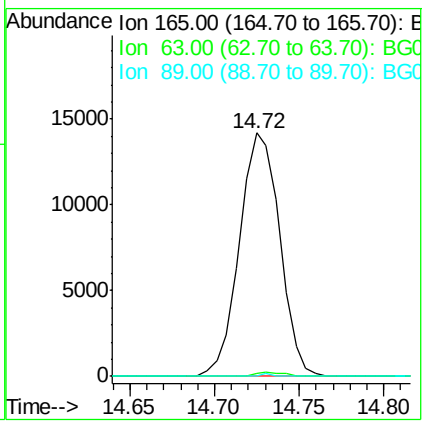


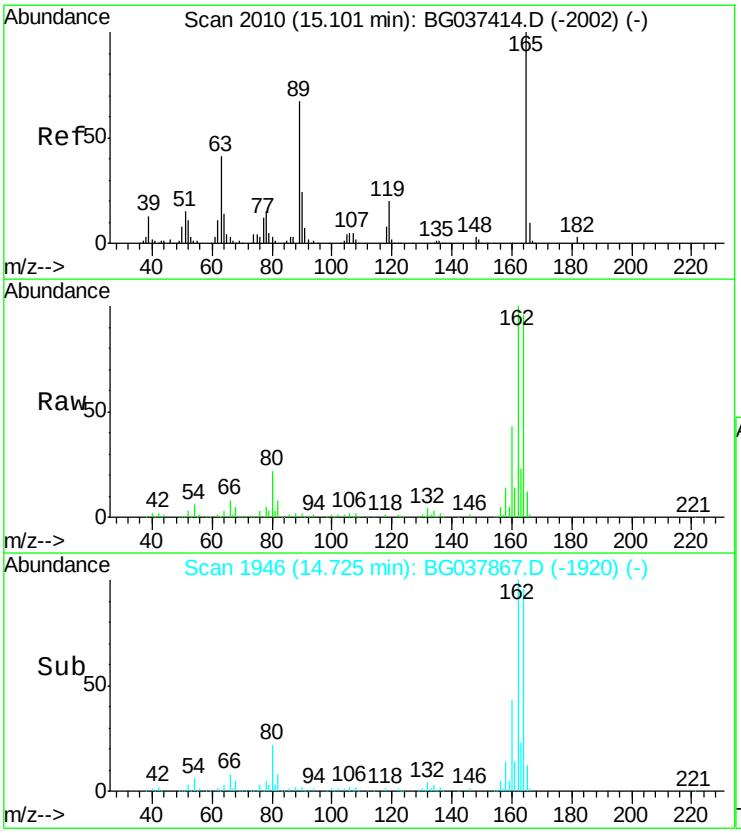
#51
2,6-Dinitrotoluene
Concen: 7.467 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.41 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Instrument :
BNA_G
ClientSampleId :
CPS103081

Tgt Ion:165 Resp: 23491

Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.2#
89	0.0	45.8	68.6#

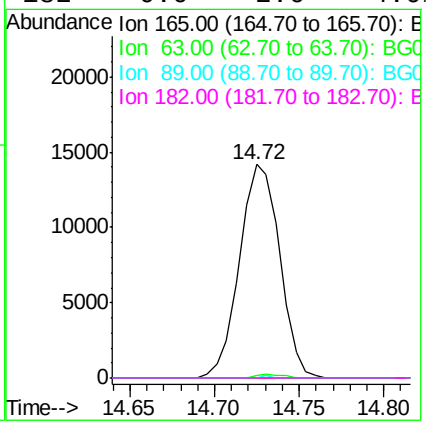


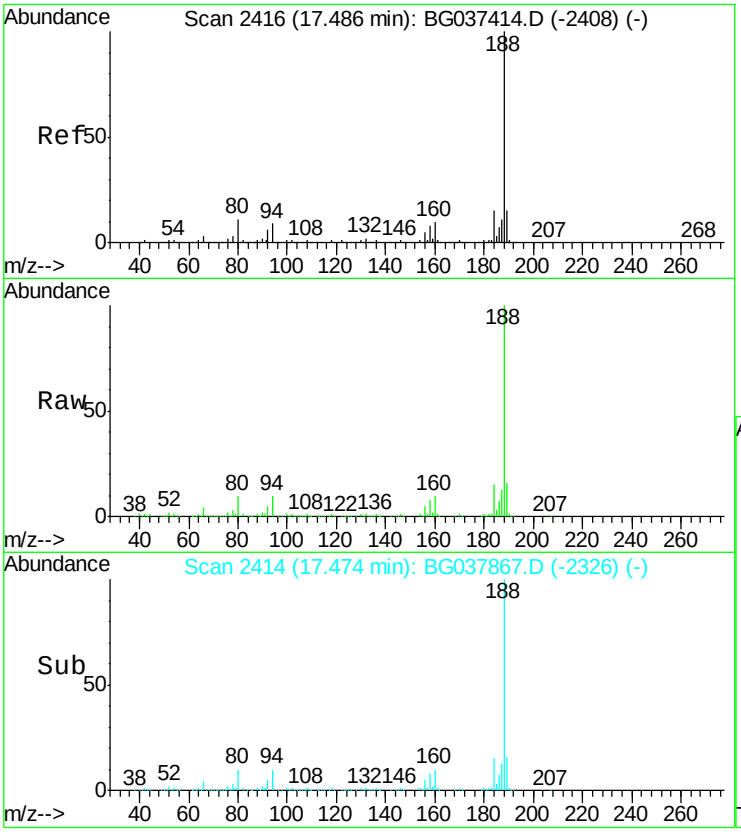


#57
2,4-Dinitrotoluene
Concen: 5.688 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.38 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Tgt Ion:165 Resp: 23491

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



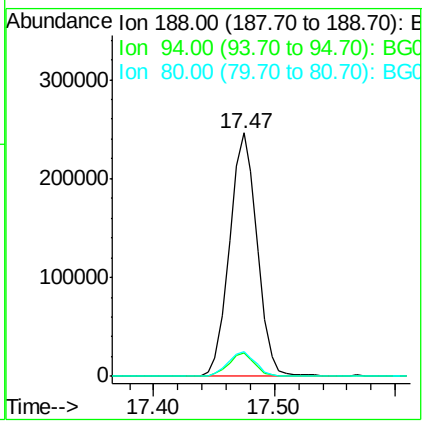


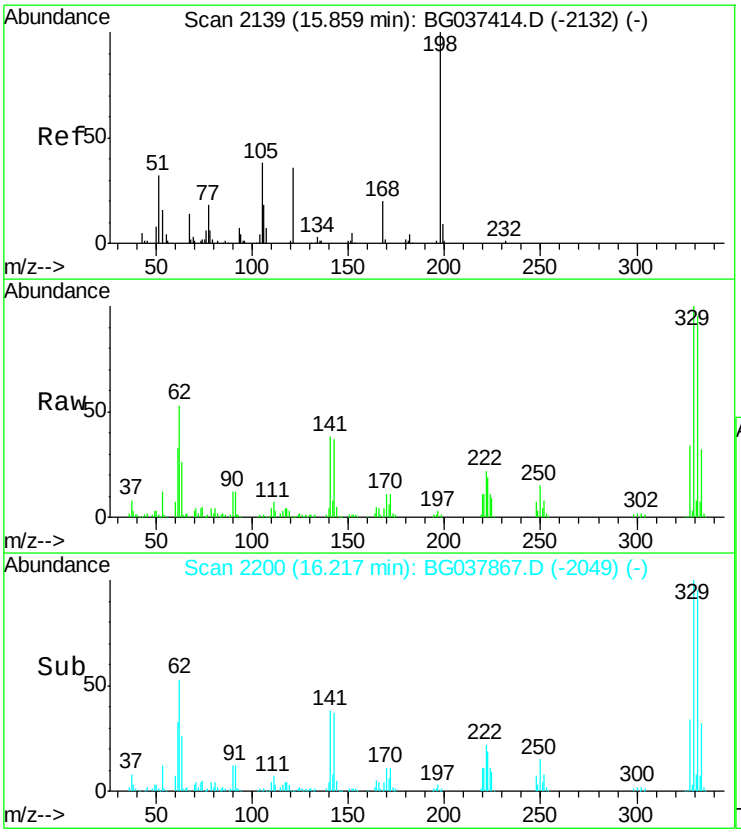
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Instrument :
BNA_G
ClientSampleId :
CPS103081

Tgt Ion:188 Resp: 391244

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.3	7.7	11.5

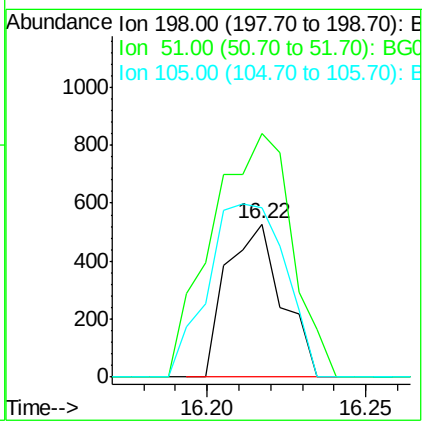


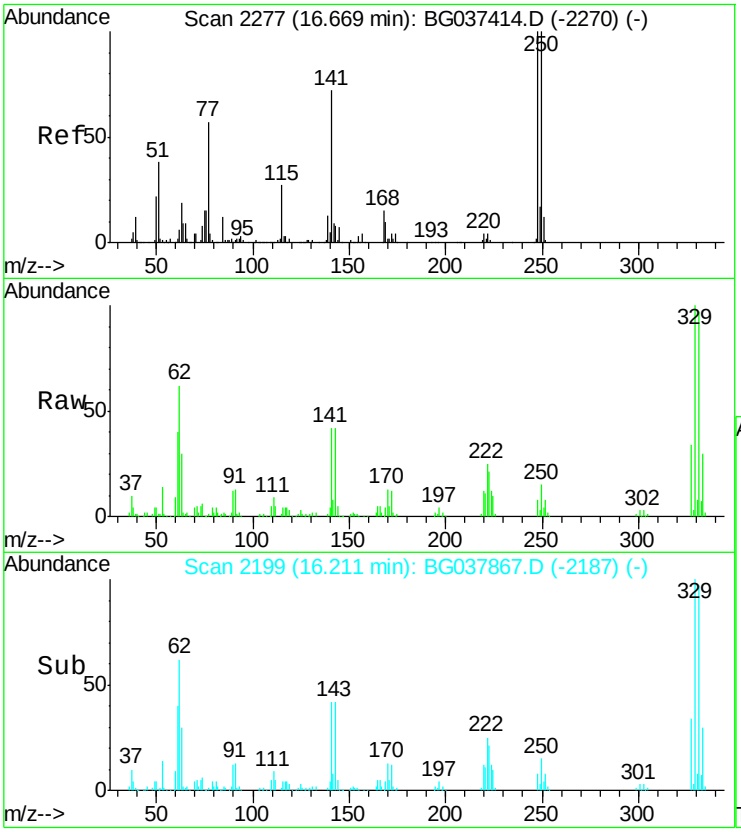


#65
4,6-Dinitro-2-methylphenol
Concen: 8.763 ng
RT: 16.22 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Tgt Ion:198 Resp: 638

Ion	Ratio	Lower	Upper
198	100		
51	34.4	22.7	62.7
105	23.9	19.7	59.7



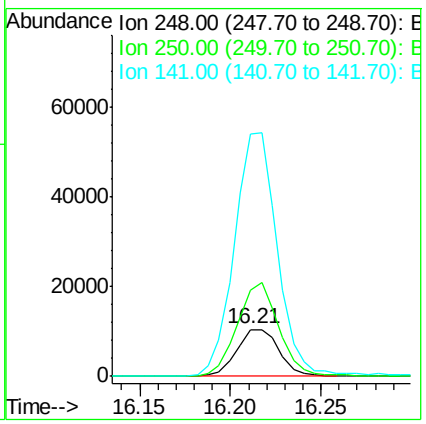


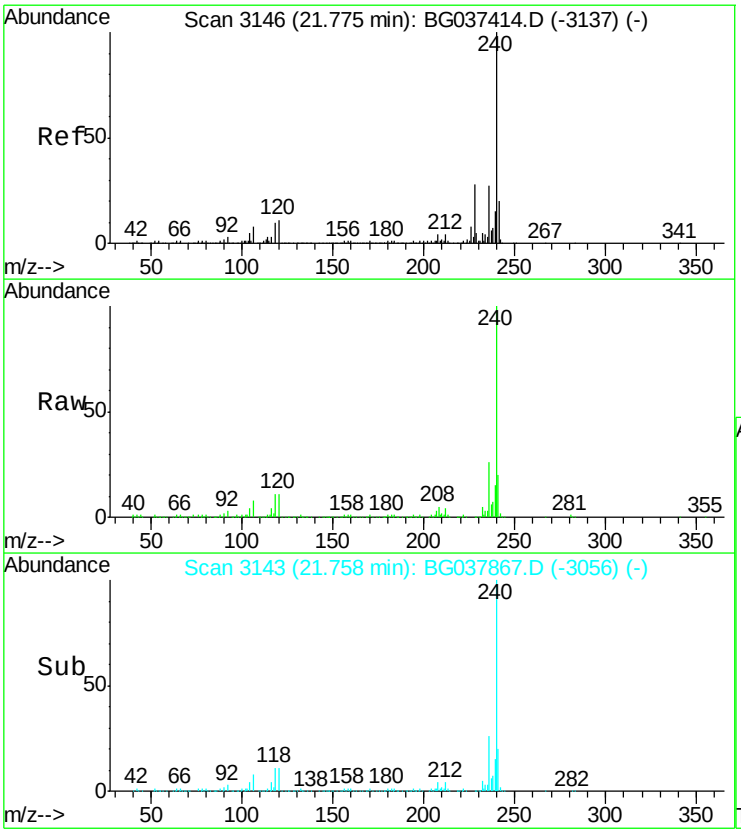
#67
4-Bromophenyl-phenylether
Concen: 3.962 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.46 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Instrument :
BNA_G
ClientSampleId :
CPS103081

Tgt Ion:248 Resp: 17021

Ion	Ratio	Lower	Upper
248	100		
250	178.5	77.0	115.6#
141	387.8	55.5	83.3#

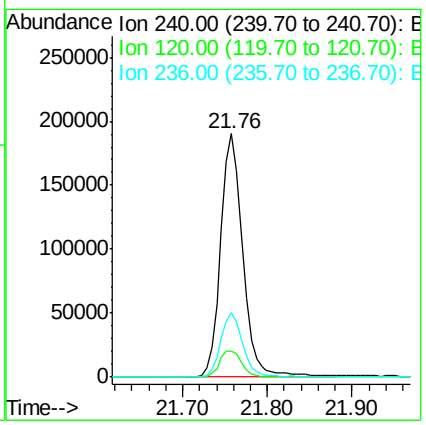


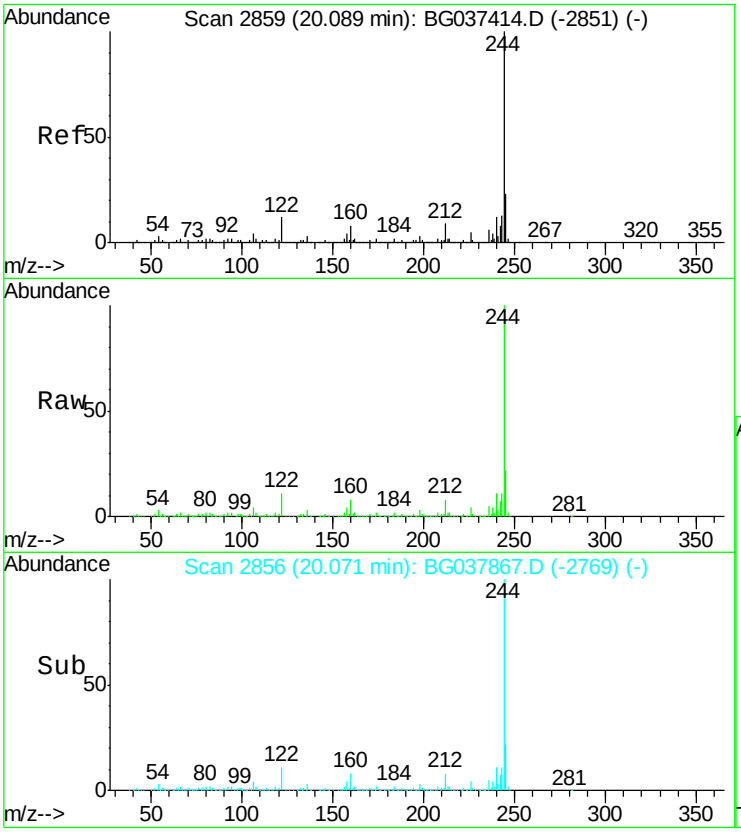


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Tgt Ion:240 Resp: 347421

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	26.5	21.4	32.0



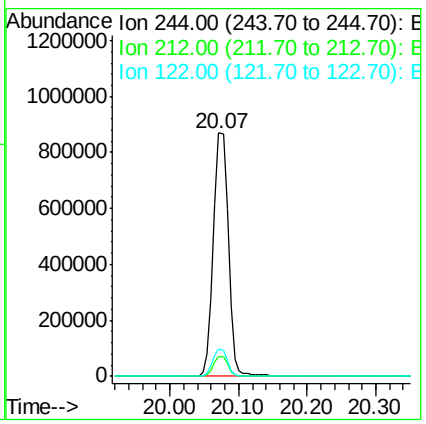


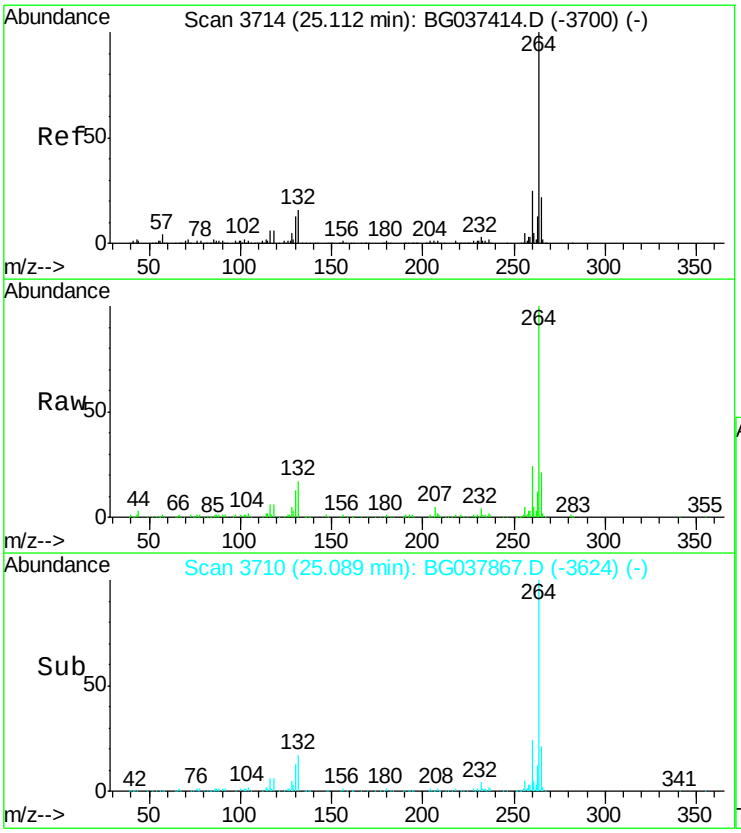
#79
Terphenyl-d14
Concen: 81.063 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Instrument :
BNA_G
ClientSampleId :
CPS103081

Tgt Ion:244 Resp: 1318023

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG037867.D
Acq: 7 Nov 2018 16:05

Tgt Ion:264 Resp: 323356

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.4	17.9	26.9