Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
Data File : BG033892.D
Acq On : 20 Apr 2018 18:52
Operator : SJ/JU
Sample : PB108385BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108385BL

Quant Time: Apr 21 05:16:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	68908	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	292184	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	185165	20.00	ng	-0.01
63) Phenanthrene-d10	17.22	188	473828	20.00	ng	0.00
75) Chrysene-d12	21.47	240	512197	20.00	ng	-0.02
86) Perylene-d12	24.54	264	506887	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	565355	130.99	ng	0.00
7) Phenol-d6	7.00	99	737149	117.10	ng	0.00
23) Nitrobenzene-d5	8.98	82	439581	85.62	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	290230	134.35	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1064812	84.48	ng	-0.01
78) Terphenyl-d14	19.86	244	1847048	81.02	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.00	77	1399	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.98	70	61891	11.534	ng	# 81
32) Benzoic acid	9.93	122	64	5.098	ng	# 1
50) 2,6-Dinitrotoluene	14.46	165	23694	7.676	ng	# 21
56) 2,4-Dinitrotoluene	14.46	165	23694	5.772	ng	# 19
64) 4,6-Dinitro-2-methylphenol	15.93	198	163	6.551	ng	# 42
66) 4-Bromophenyl-phenylether	15.96	248	21875	4.204	ng	# 1
76) Benzidine	19.86	184	29694	2.147	ng	94

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

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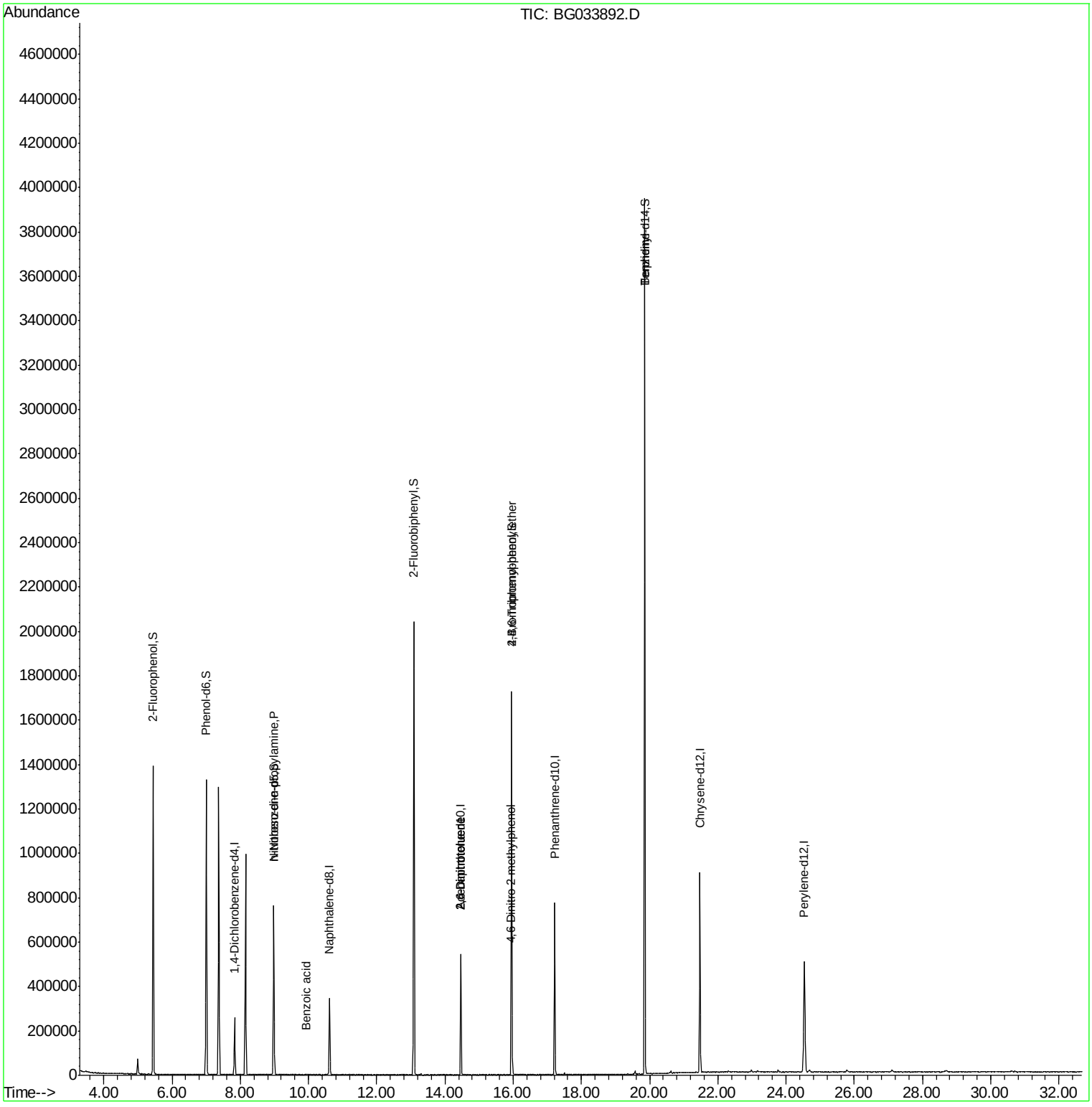
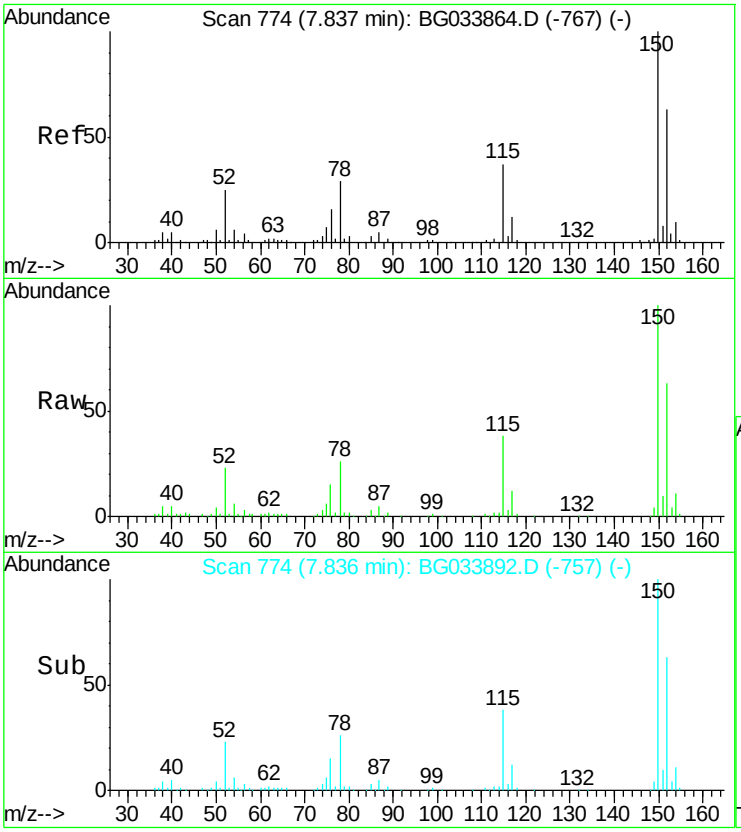


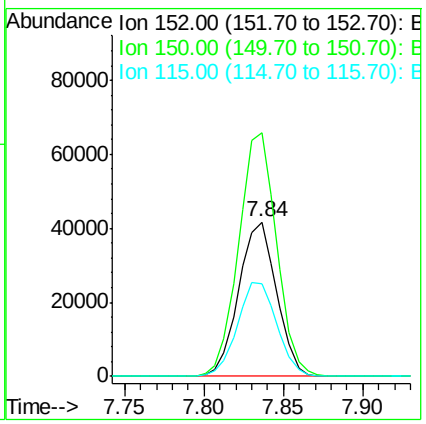


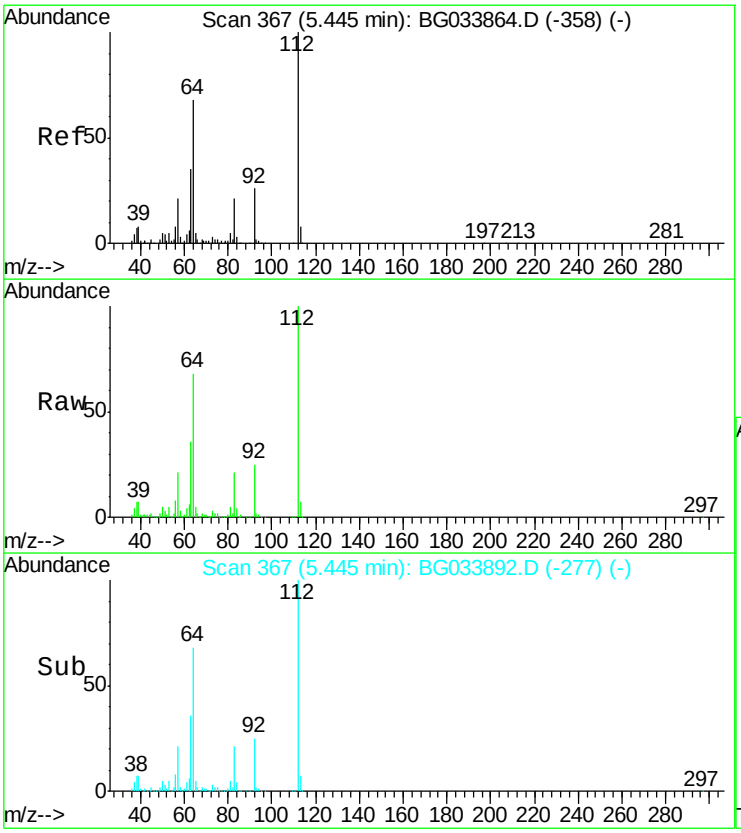
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
PB108385BL

Tgt Ion:152 Resp: 68908

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	189.8
115	59.6	53.0	79.4

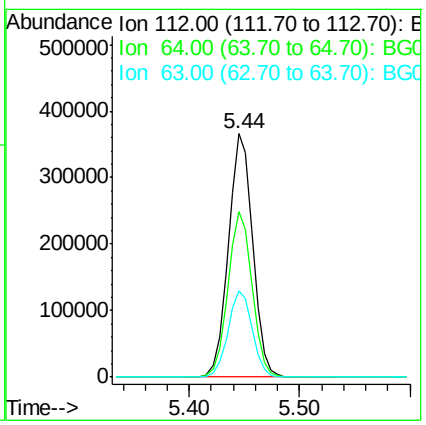


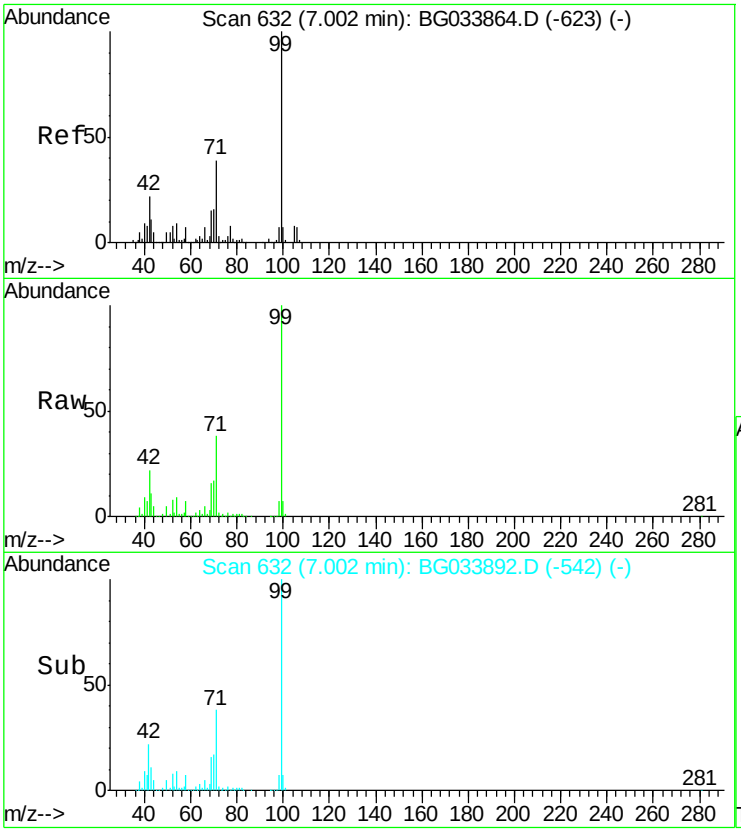


#5
2-Fluorophenol
Concen: 130.987 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Tgt Ion:112 Resp: 565355

Ion	Ratio	Lower	Upper
112	100		
64	67.9	56.3	84.5
63	35.6	30.1	45.1



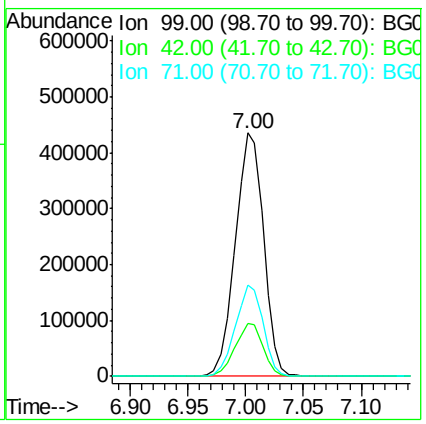


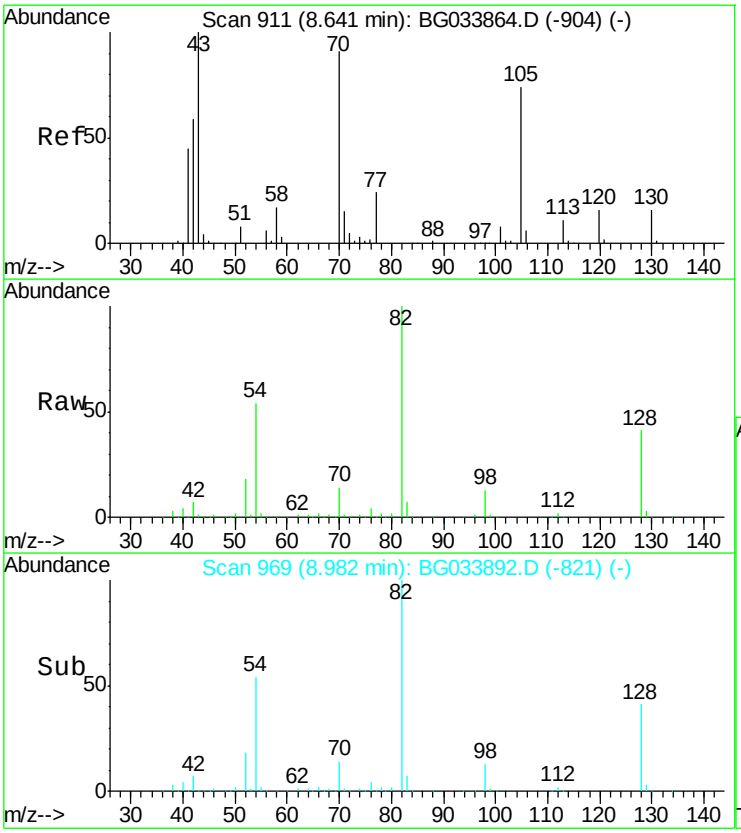
#7
Phenol-d6
Concen: 117.095 ng
RT: 7.00 min Scan# 632
Delta R.T. -0.00 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
PB108385BL

Tgt Ion: 99 Resp: 737149

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.1	21.1#
71	37.6	26.1	39.1

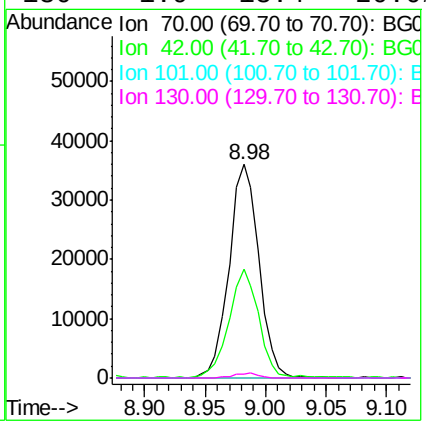


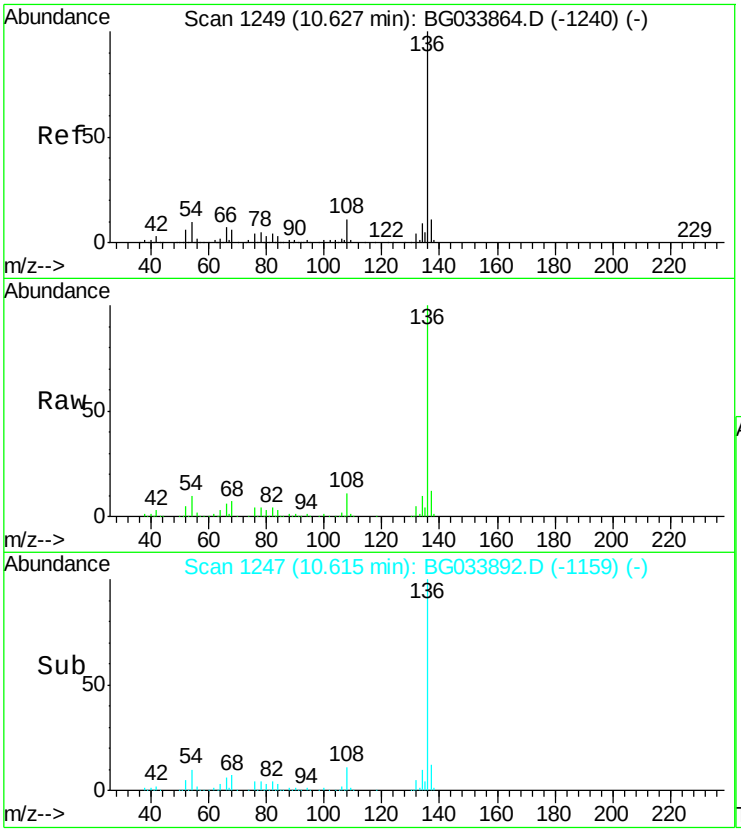


#19
n-Nitroso-di-n-propylamine
Concen: 11.534 ng
RT: 8.98 min Scan# 969
Delta R.T. 0.34 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Tgt Ion: 70 Resp: 61891

Ion	Ratio	Lower	Upper
70	100		
42	51.1	49.1	73.7
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



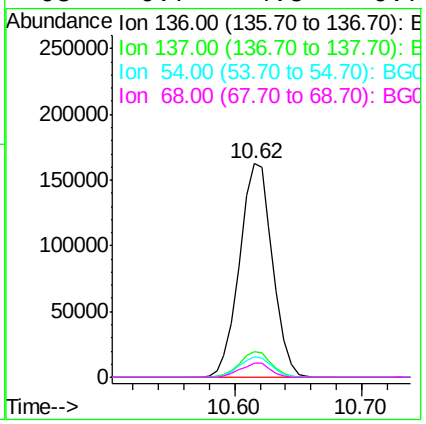


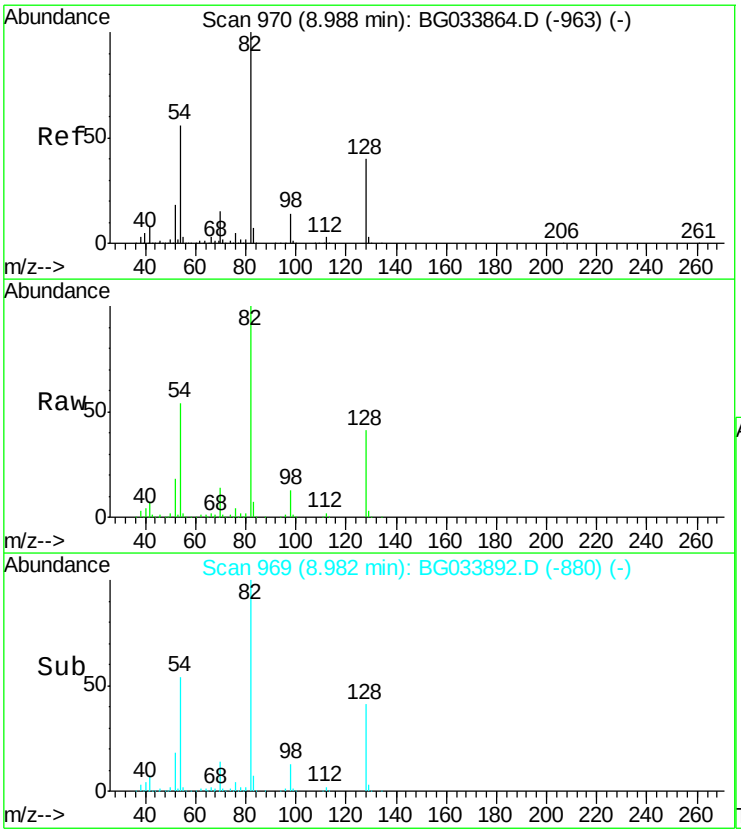
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
PB108385BL

Tgt Ion:136 Resp: 292184

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	9.9	10.3	15.5#
68	6.7	4.5	6.7

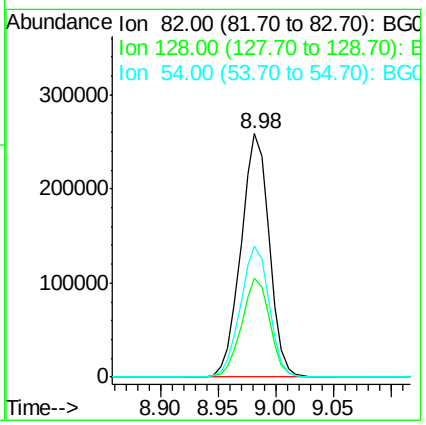


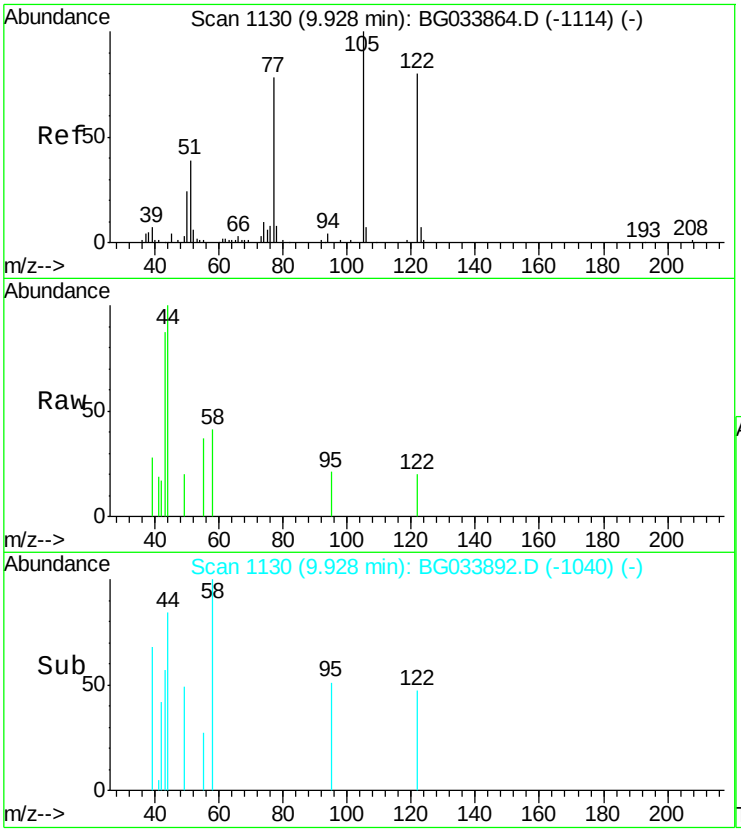


#23
Nitrobenzene-d5
Concen: 85.619 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Tgt Ion: 82 Resp: 439581

Ion	Ratio	Lower	Upper
82	100		
128	40.5	29.7	44.5
54	53.8	43.1	64.7



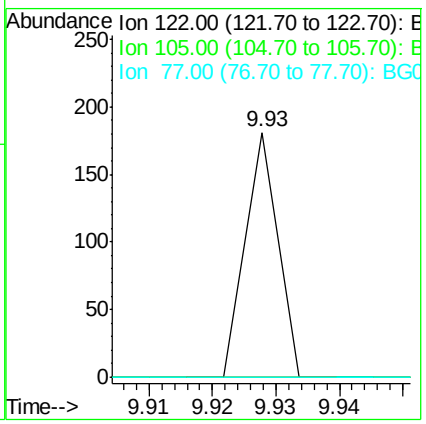


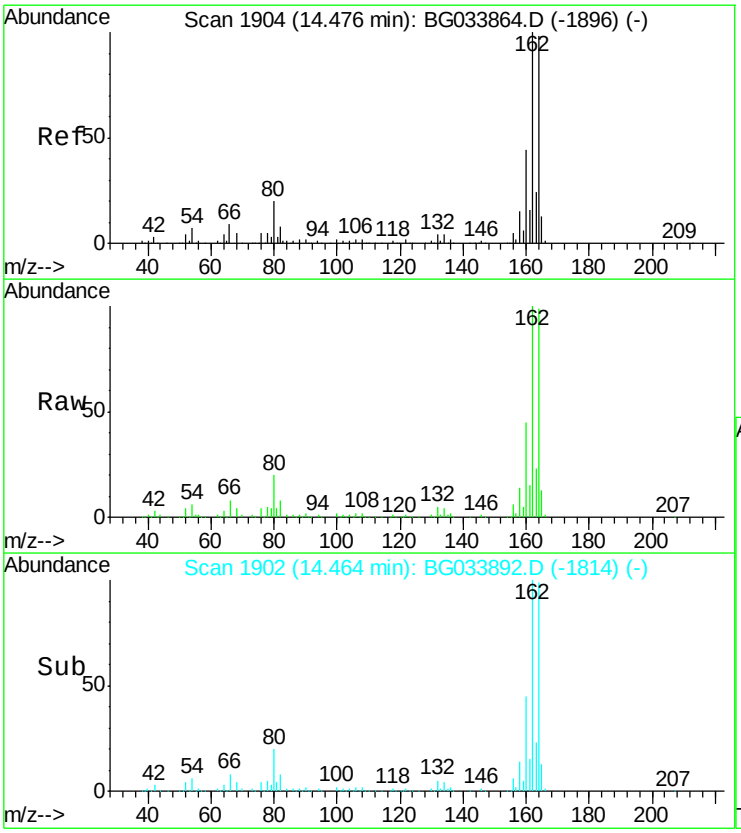
#32
Benzoic acid
Concen: 5.098 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
PB108385BL

Tgt Ion:122 Resp: 64

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

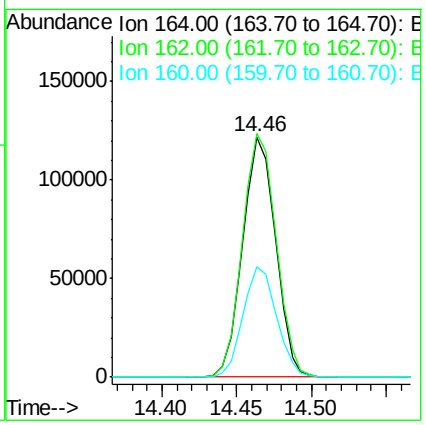


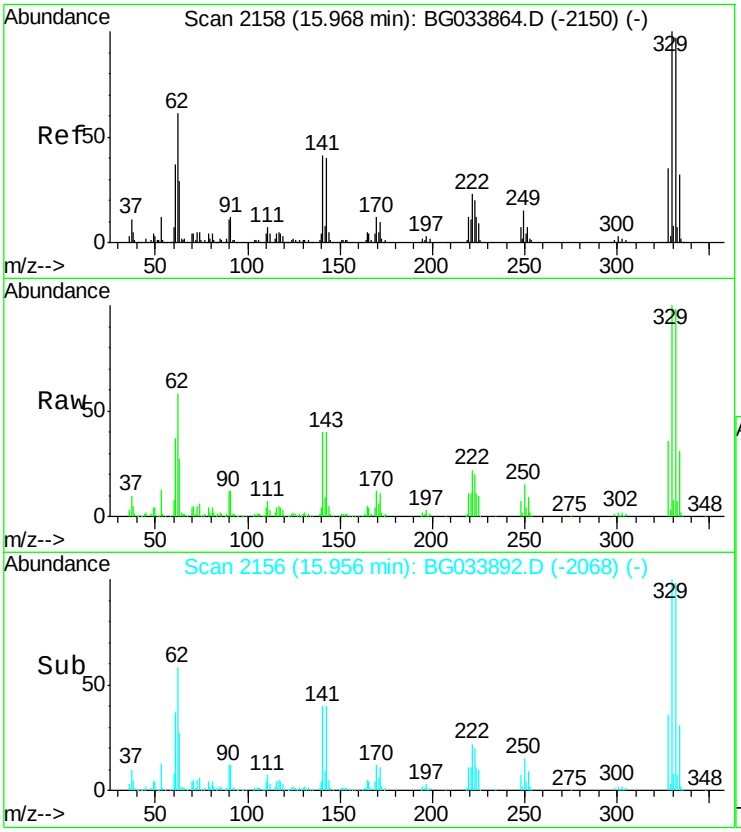


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Tgt Ion:164 Resp: 185165

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	45.9	35.4	53.0



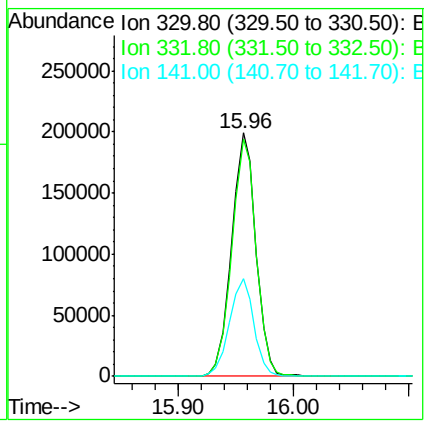


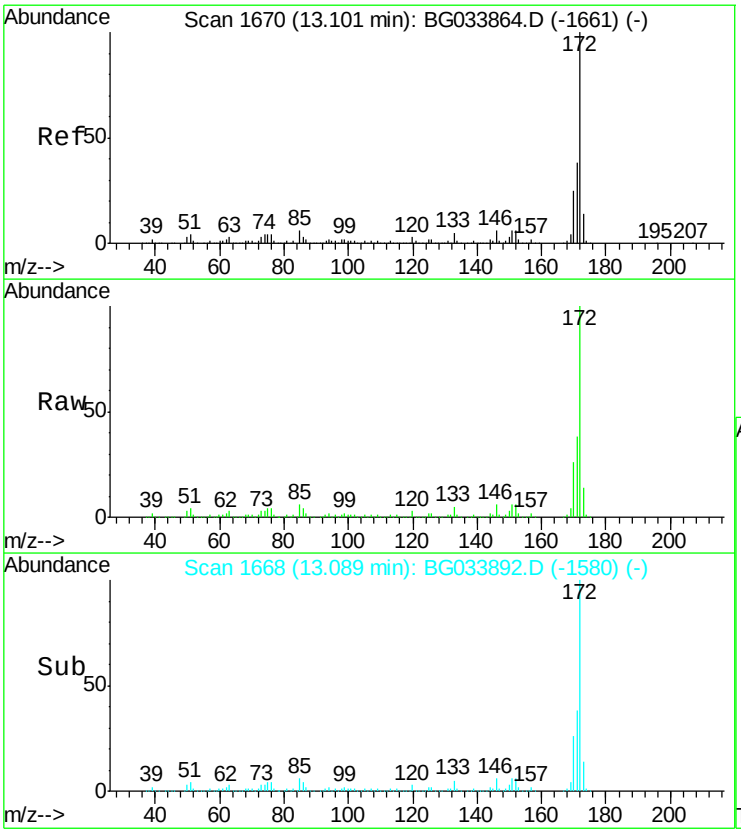
#41
2,4,6-Tribromophenol
Concen: 134.350 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
PB108385BL

Tgt Ion:330 Resp: 290230

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	40.0	25.2	37.8#

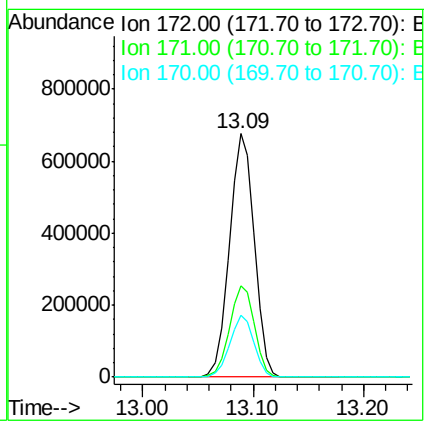


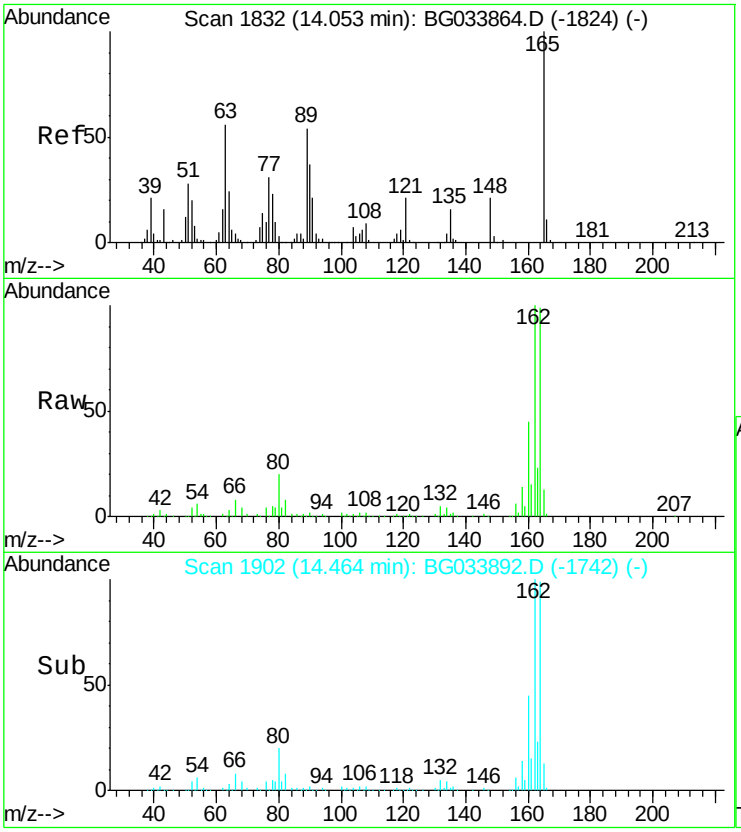


#44
2-Fluorobiphenyl
Concen: 84.478 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Tgt Ion:172 Resp: 1064812

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.6	19.5	29.3



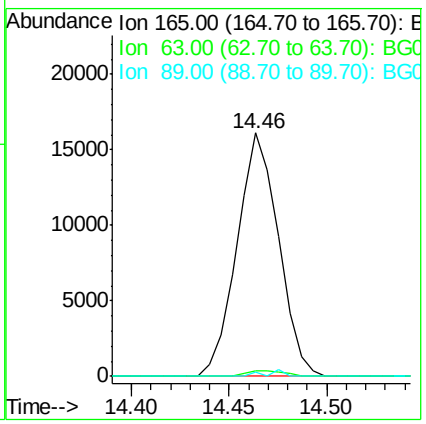


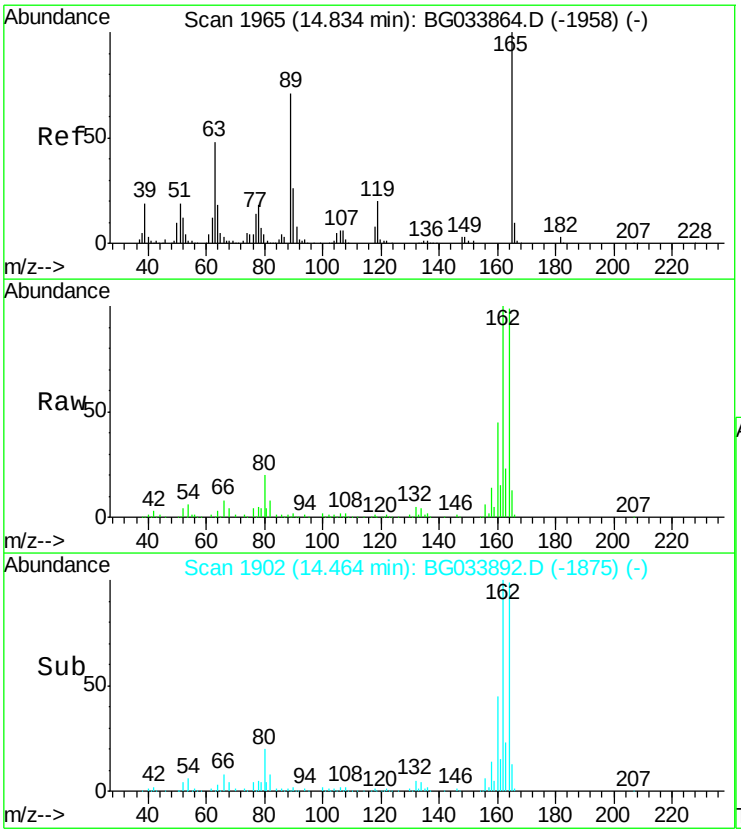
#50
2,6-Dinitrotoluene
Concen: 7.676 ng
RT: 14.46 min Scan# 1902
Delta R.T. 0.41 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
PB108385BL

Tgt Ion:165 Resp: 23694

Ion	Ratio	Lower	Upper
165	100		
63	2.1	52.7	79.1#
89	1.8	49.2	73.8#

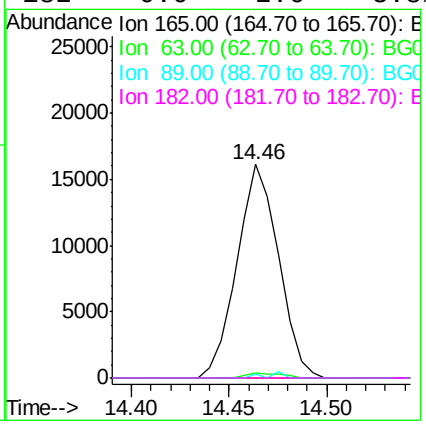


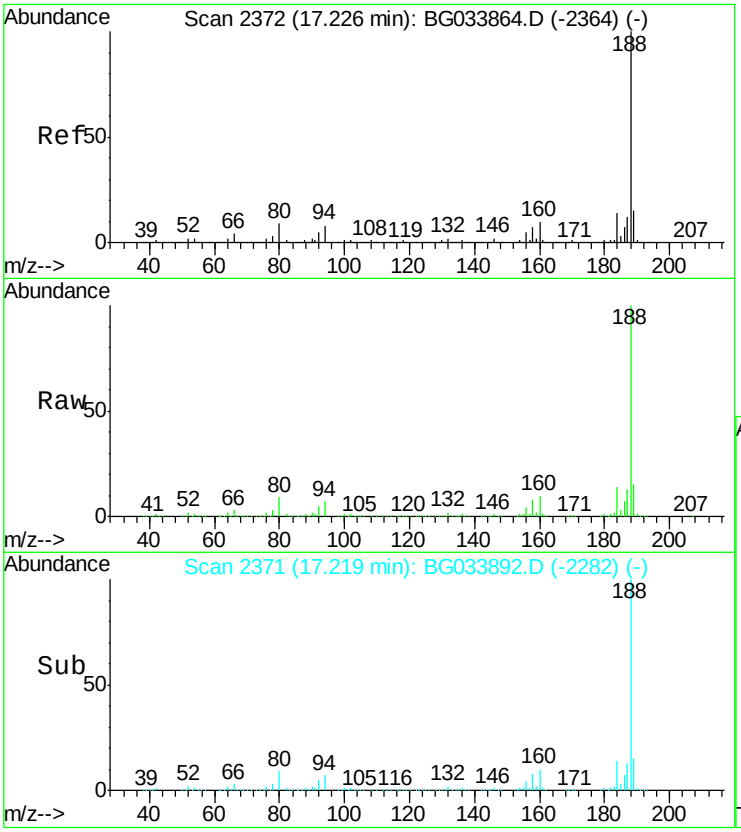


#56
2,4-Dinitrotoluene
Concen: 5.772 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.37 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Tgt Ion:165 Resp: 23694

Ion	Ratio	Lower	Upper
165	100		
63	2.1	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#



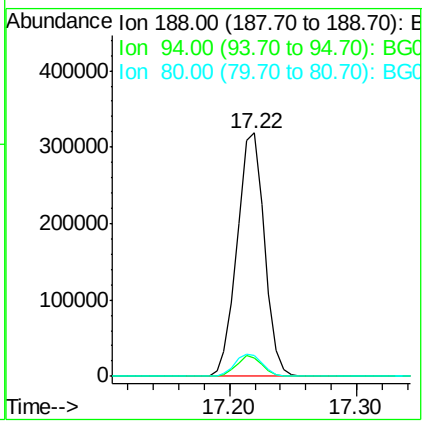


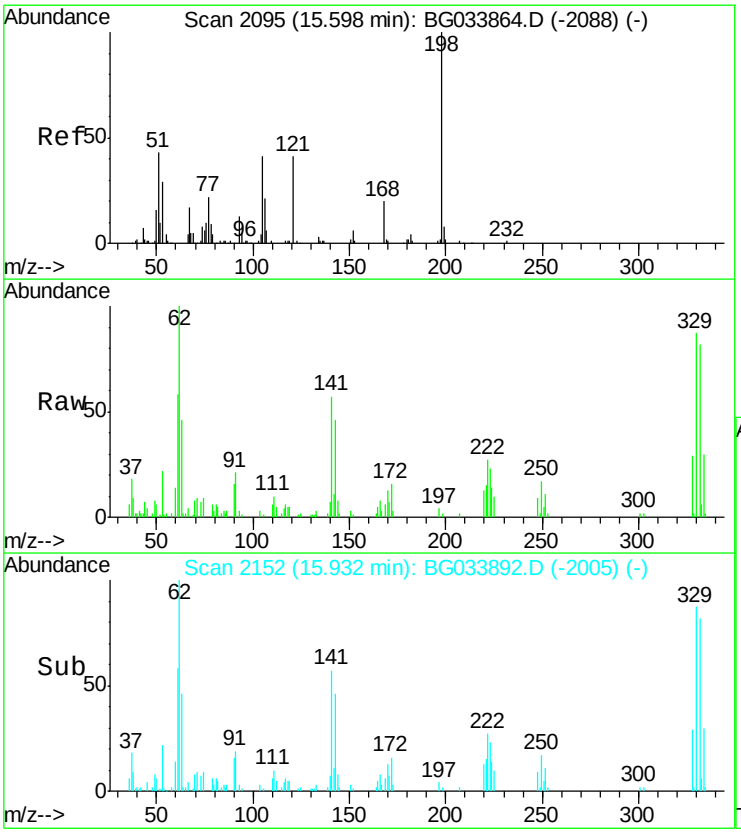
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
PB108385BL

Tgt Ion:188 Resp: 473828

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.7	7.7	11.5

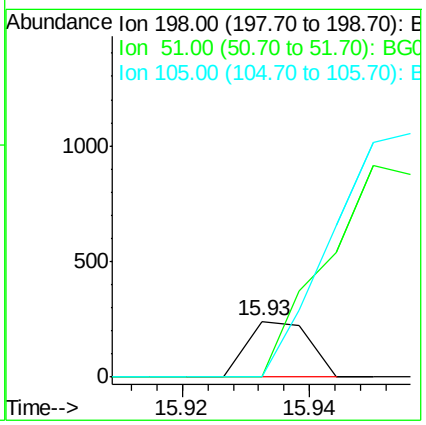


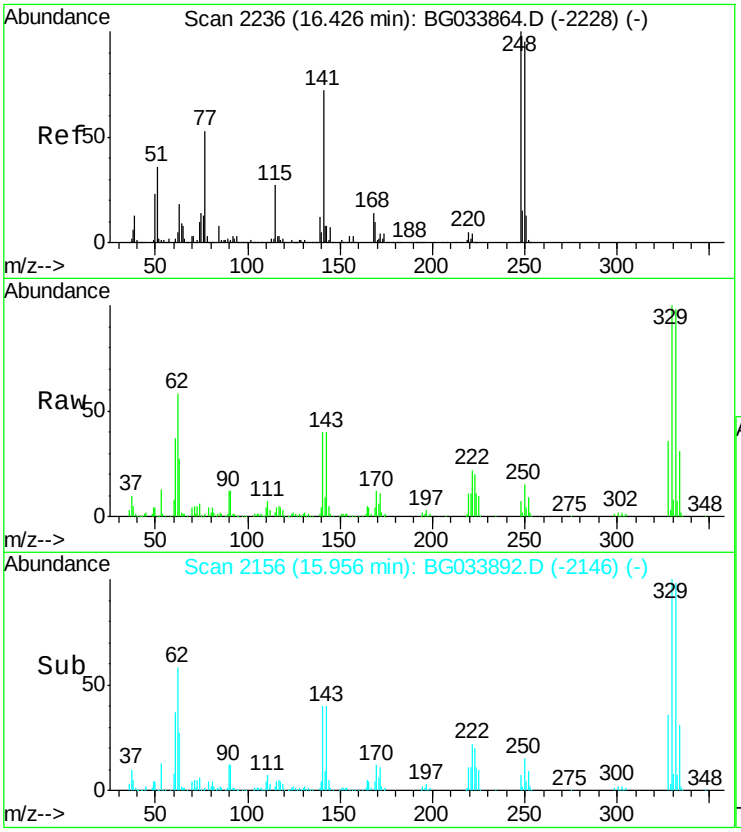


#64
4,6-Dinitro-2-methylphenol
Concen: 6.551 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.33 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Tgt Ion:198 Resp: 163

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	69.8	23.8	63.8#



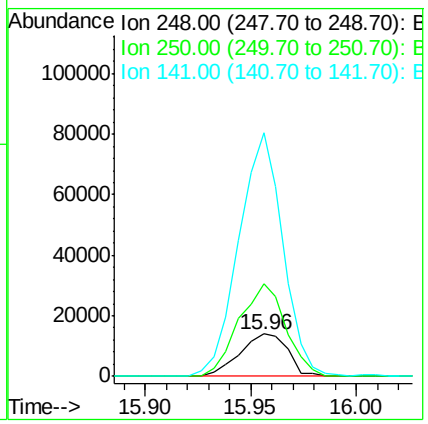


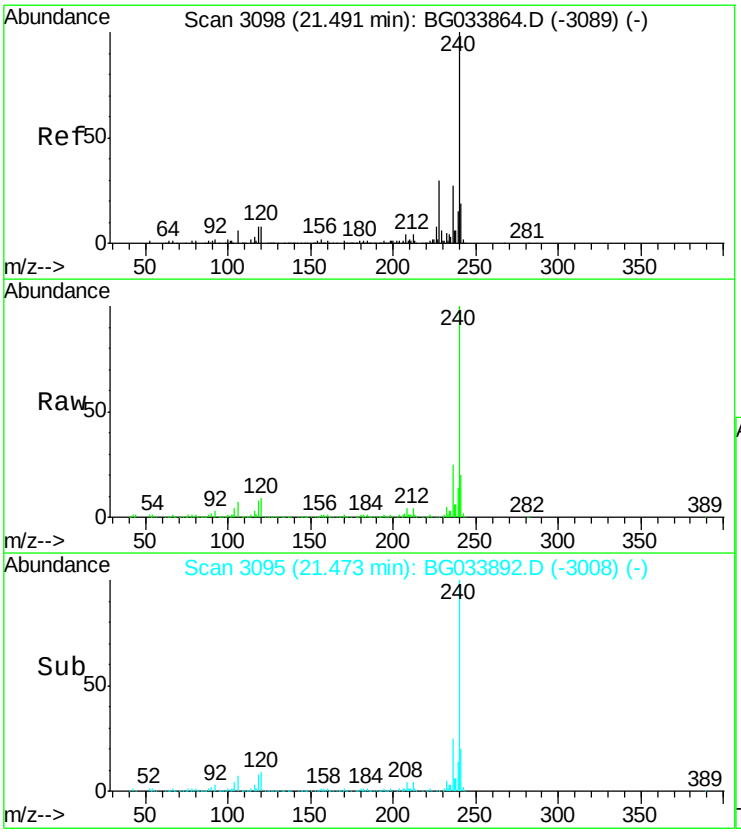
#66
4-Bromophenyl-phenylether
Concen: 4.204 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.47 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
PB108385BL

Tgt Ion:248 Resp: 21875

Ion	Ratio	Lower	Upper
248	100		
250	211.9	77.1	115.7#
141	429.9	50.8	76.2#

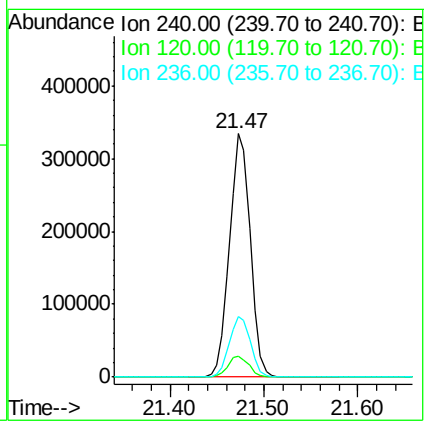


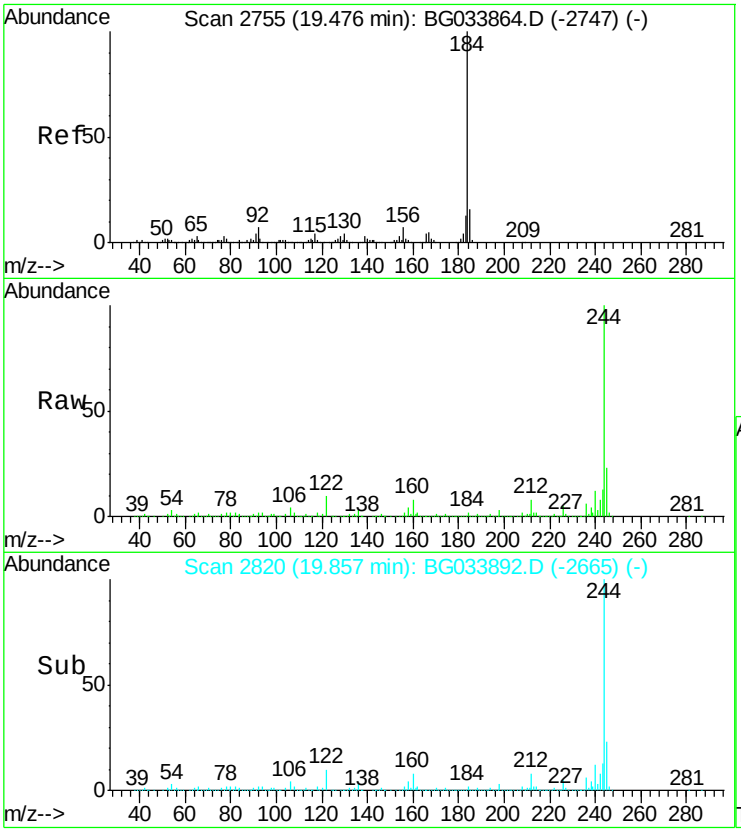


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Tgt Ion:240 Resp: 512197

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.8	10.2
236	24.6	20.9	31.3



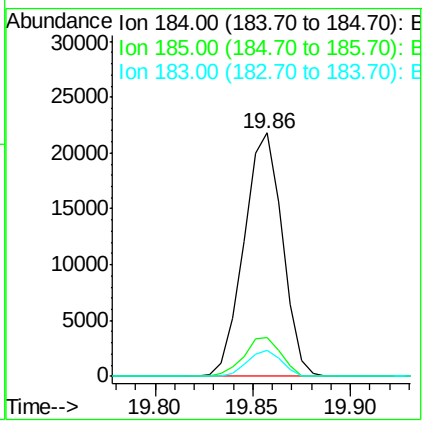


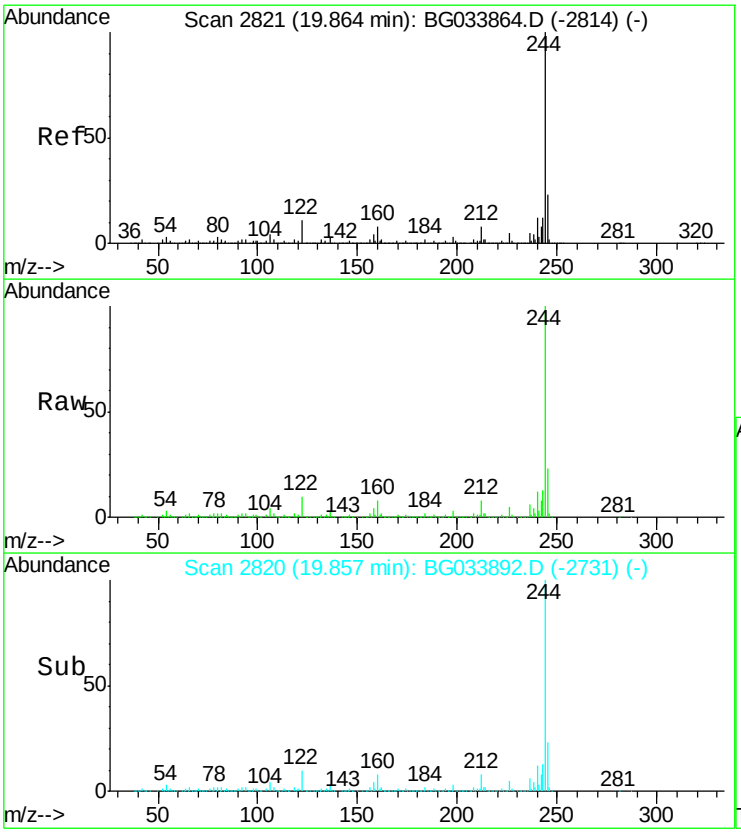
#76
Benzidine
Concen: 2.147 ng
RT: 19.86 min Scan# 2820
Delta R.T. 0.38 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
PB108385BL

Tgt Ion:184 Resp: 29694

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.1	16.7
183	10.7	10.6	16.0

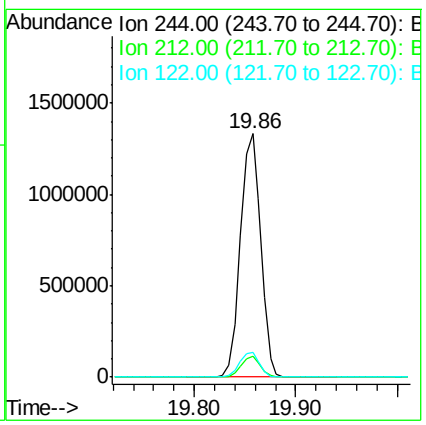


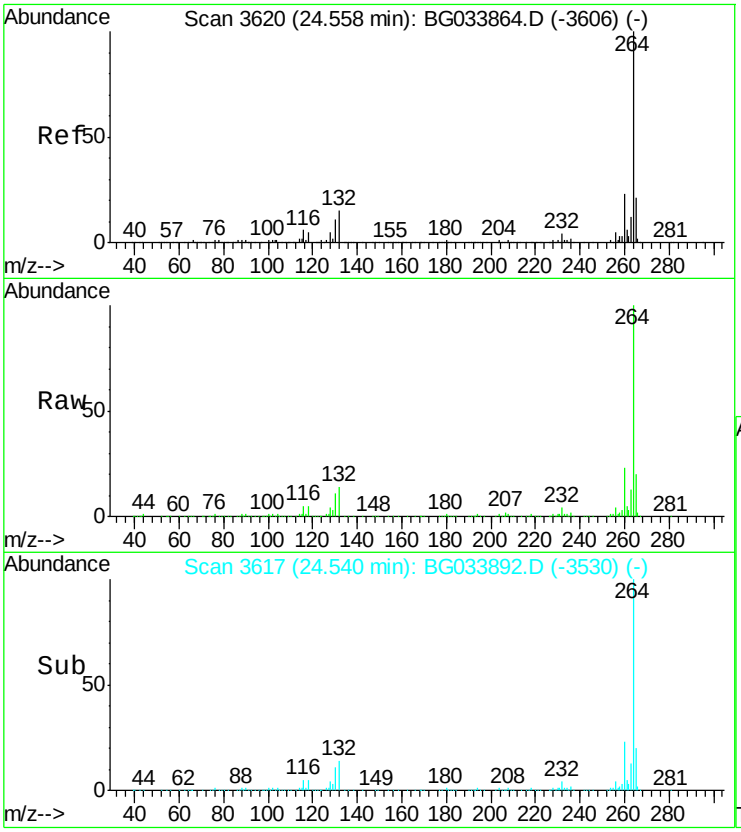


#78
Terphenyl-d14
Concen: 81.016 ng
RT: 19.86 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Tgt Ion:244 Resp: 1847048

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	10.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.54 min Scan# 3617
Delta R.T. -0.02 min
Lab File: BG033892.D
Acq: 20 Apr 2018 18:52

Instrument :
BNA_G
ClientSampleId :
PB108385BL

Tgt Ion:264 Resp: 506887

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	20.5	17.7	26.5