Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG033018\
Data File : BG033472.D
Acq On : 31 Mar 2018 7:29
Operator : SJ/JU
Sample : J2142-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 02 01:41:44 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30715	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	125669	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	103942	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	307067	20.00	ng	0.00
75) Chrysene-d12	22.56	240	327985	20.00	ng	0.00
86) Perylene-d12	26.32	264	353030	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	255248	155.83	ng	0.00
7) Phenol-d6	7.98	99	351376	124.85	ng	0.00
23) Nitrobenzene-d5	10.06	82	287936	105.27	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	250339	161.03	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	703229	97.67	ng	0.00
78) Terphenyl-d14	20.73	244	1561398	101.81	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.20	79	5114	2.308	ng	# 46
19) n-Nitroso-di-n-propylamine	10.06	70	37300	18.086	ng	# 80
50) 2,6-Dinitrotoluene	15.48	165	13271	7.175	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	13271	4.873	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	18934	5.250	ng	# 1
76) Benzidine	20.73	184	27020	3.038	ng	# 88

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

Quantitation Report (Not Reviewed)

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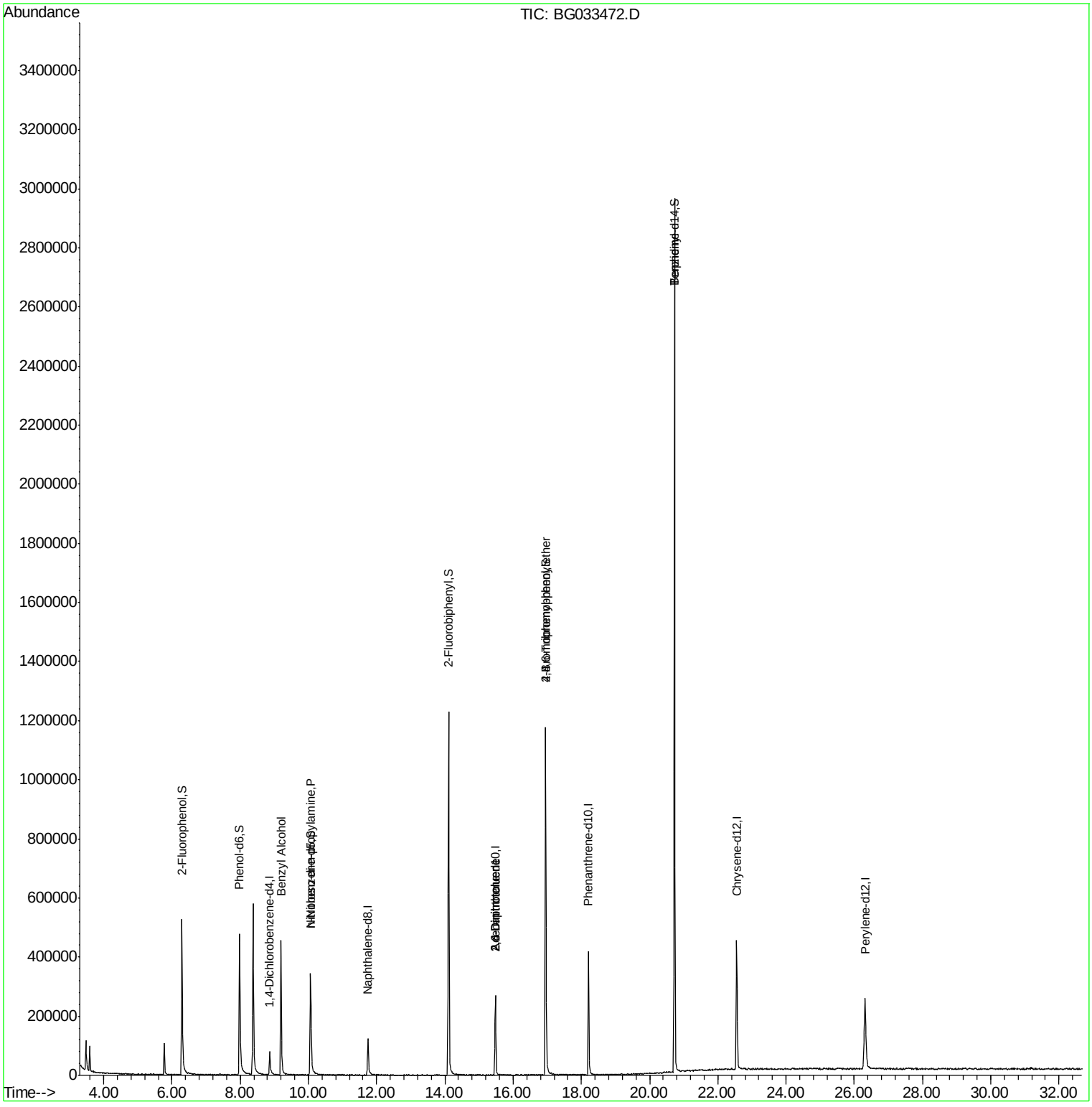
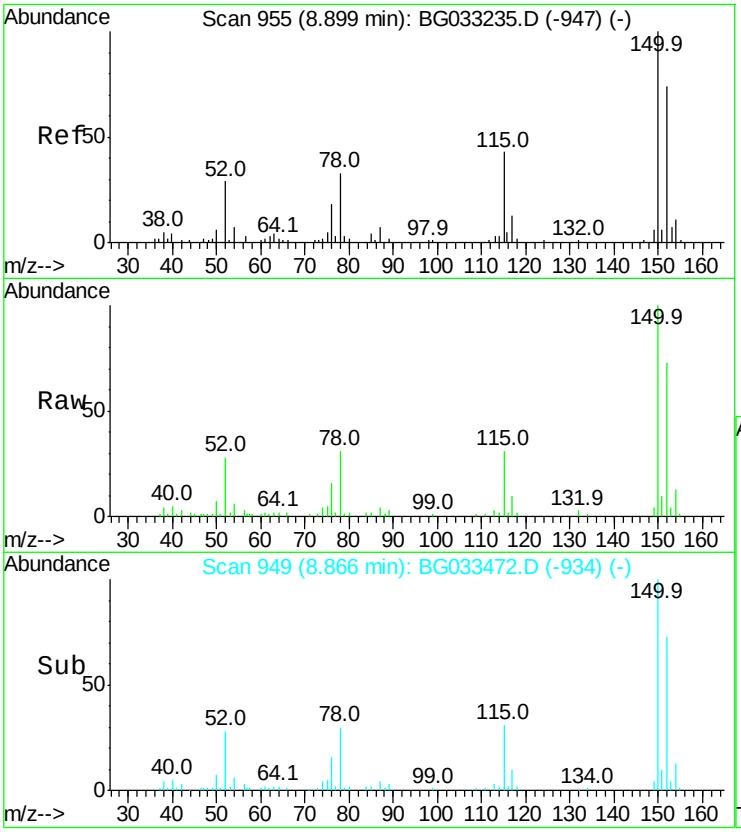


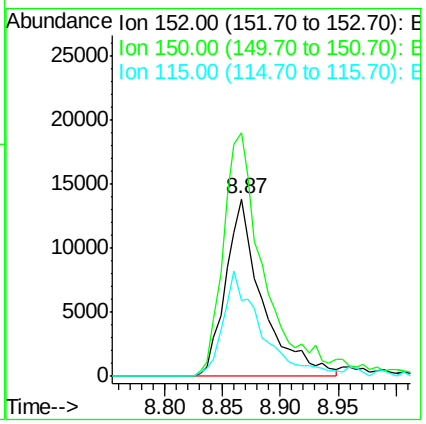


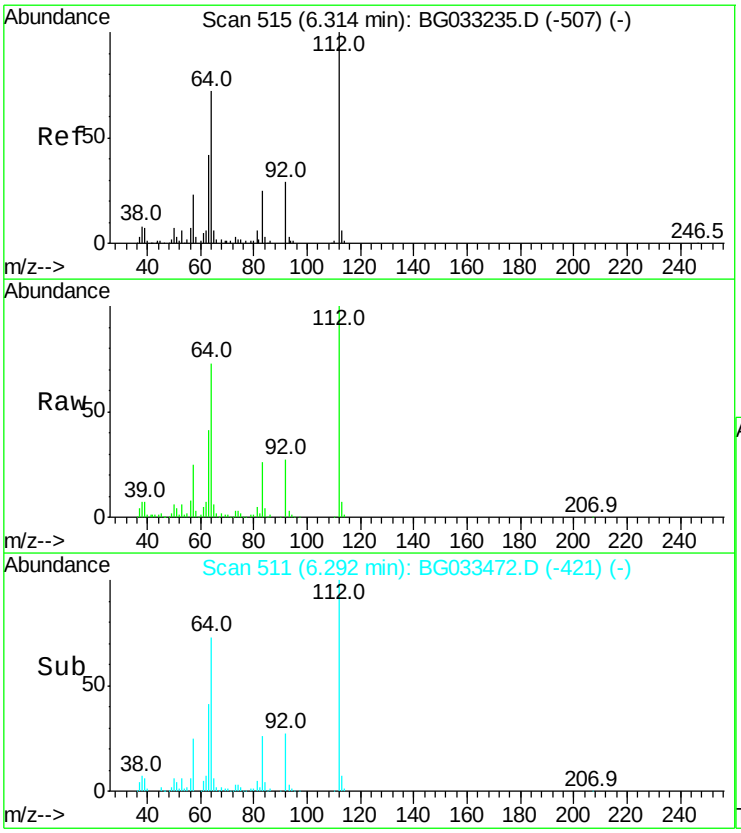
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30715

Ion	Ratio	Lower	Upper
152	100		
150	137.3	126.6	189.8
115	42.7	53.0	79.4#

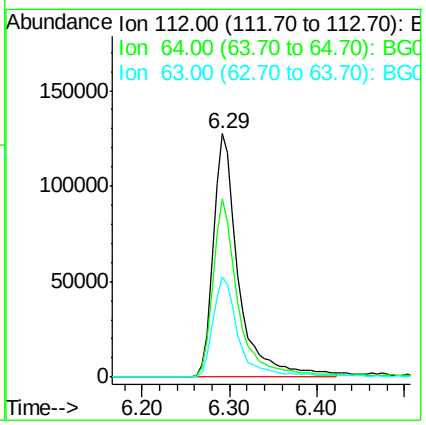


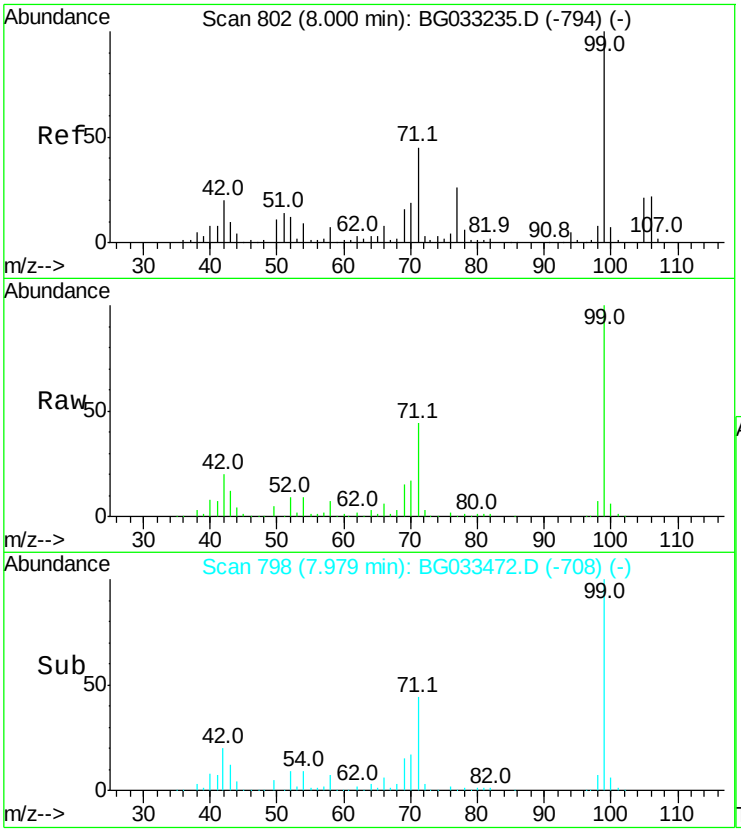


#5
2-Fluorophenol
Concen: 155.826 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Tgt Ion:112 Resp: 255248

Ion	Ratio	Lower	Upper
112	100		
64	73.2	56.3	84.5
63	41.0	30.1	45.1



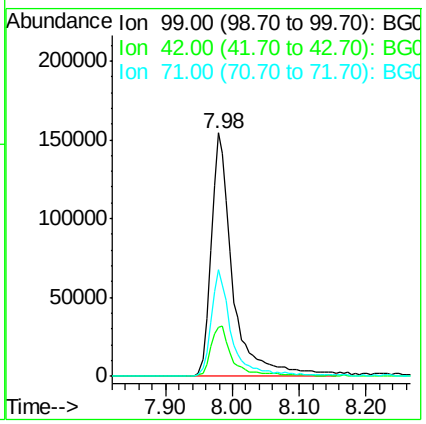


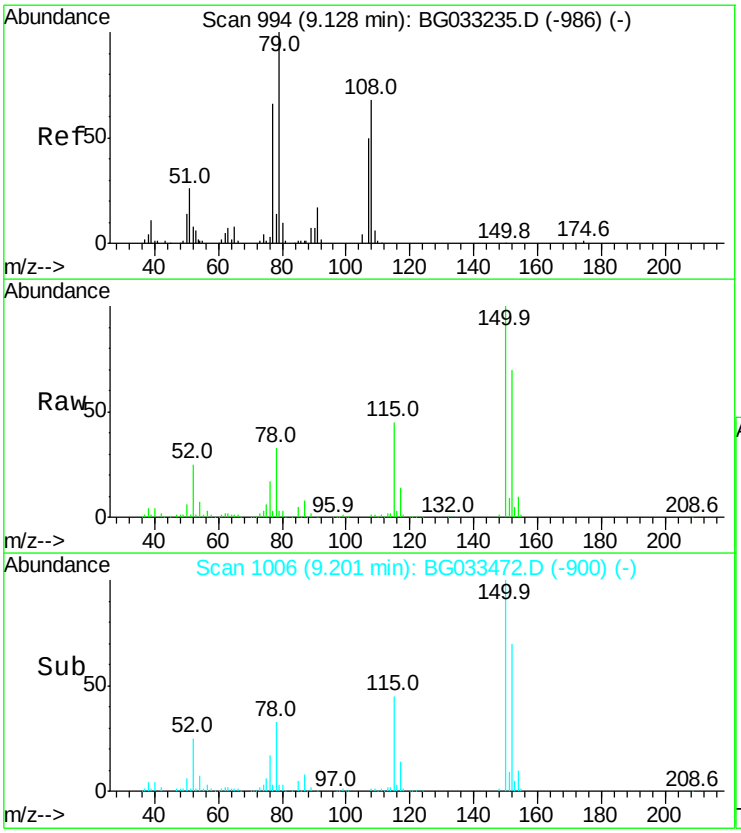
#7
Phenol-d6
Concen: 124.846 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.00 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 351376

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.1	21.1
71	43.6	26.1	39.1#

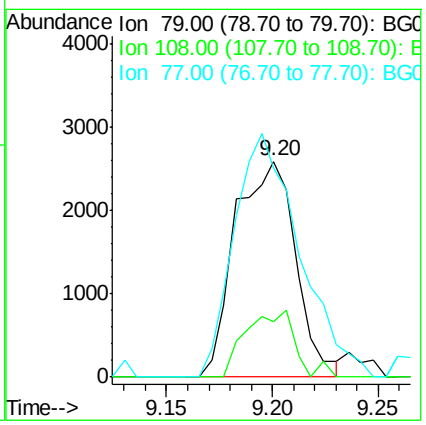


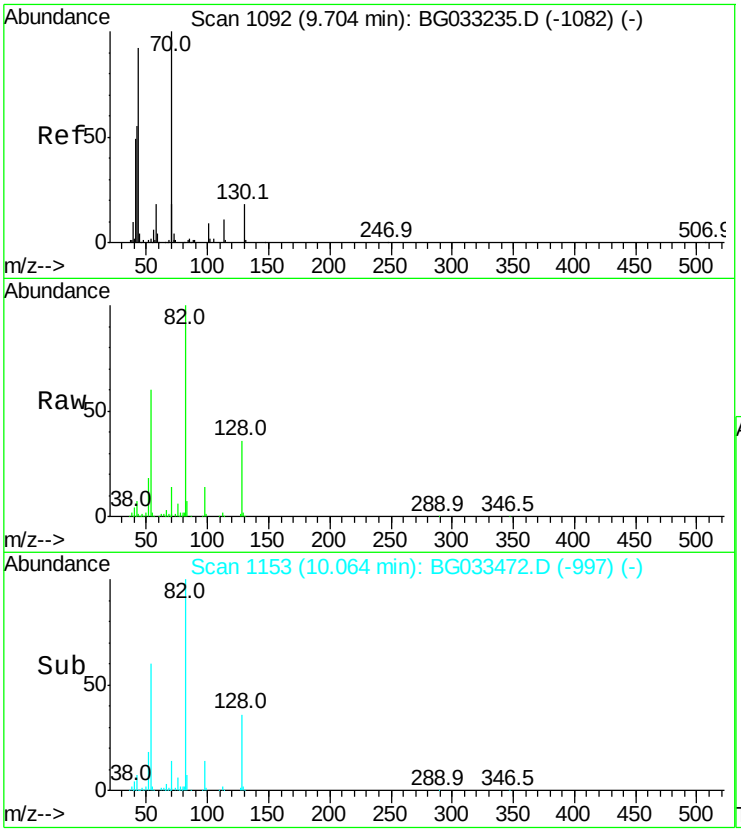


#15
Benzyl Alcohol
Concen: 2.308 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.09 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Tgt Ion: 79 Resp: 5114

Ion	Ratio	Lower	Upper
79	100		
108	25.5	57.2	85.8#
77	96.9	46.1	69.1#



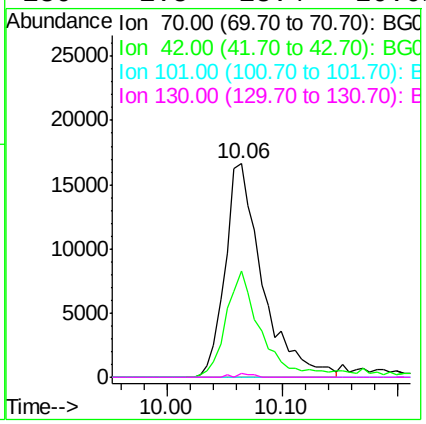


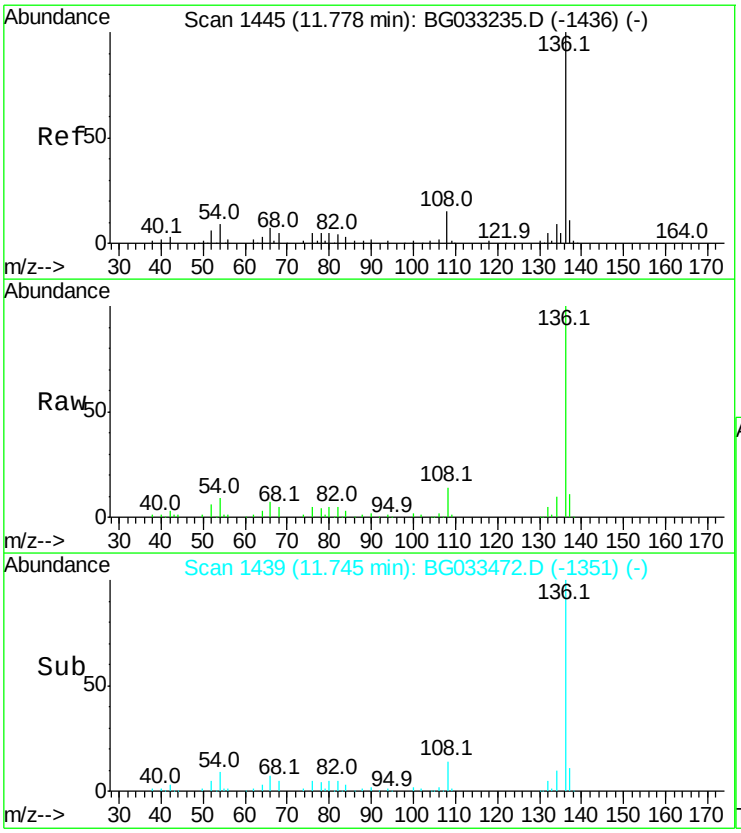
#19
n-Nitroso-di-n-propylamine
Concen: 18.086 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 37300

Ion	Ratio	Lower	Upper
70	100		
42	49.9	49.1	73.7
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#

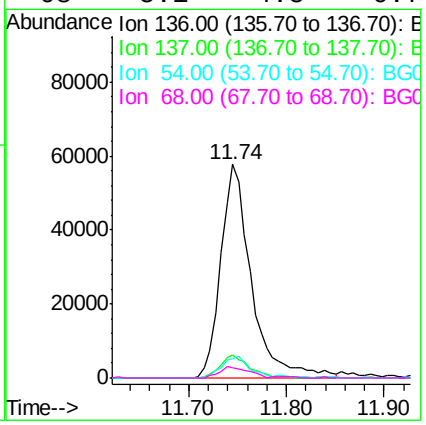


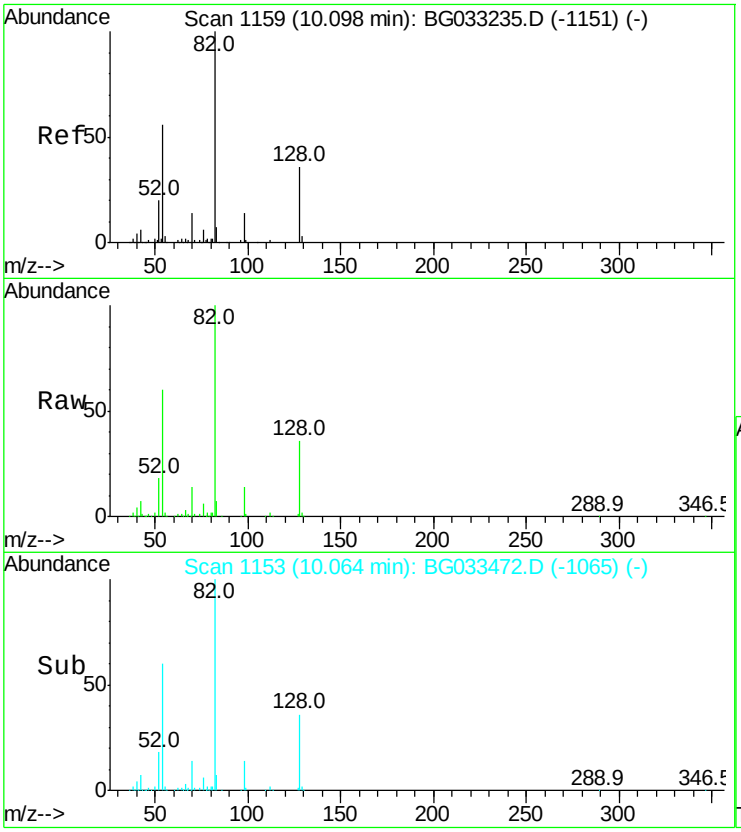


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Tgt Ion:136 Resp: 125669

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	9.3	10.3	15.5#
68	5.1	4.5	6.7



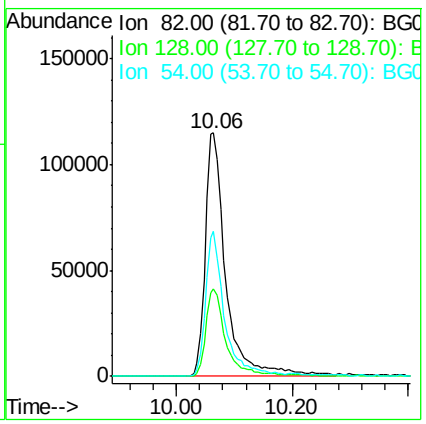


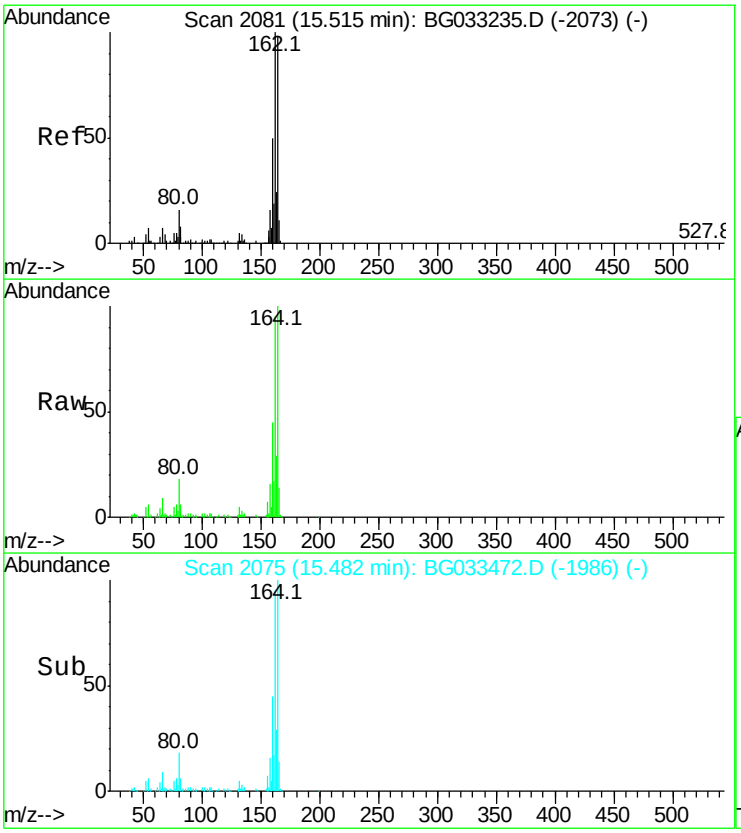
#23
Nitrobenzene-d5
Concen: 105.268 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 287936

Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	59.6	43.1	64.7

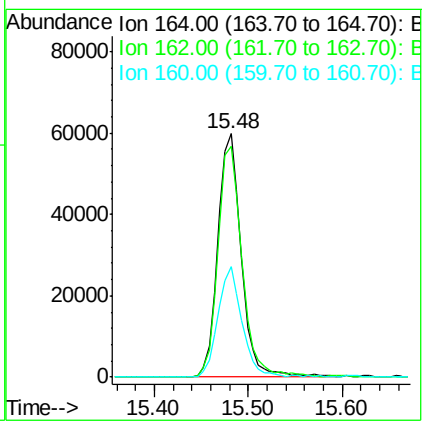


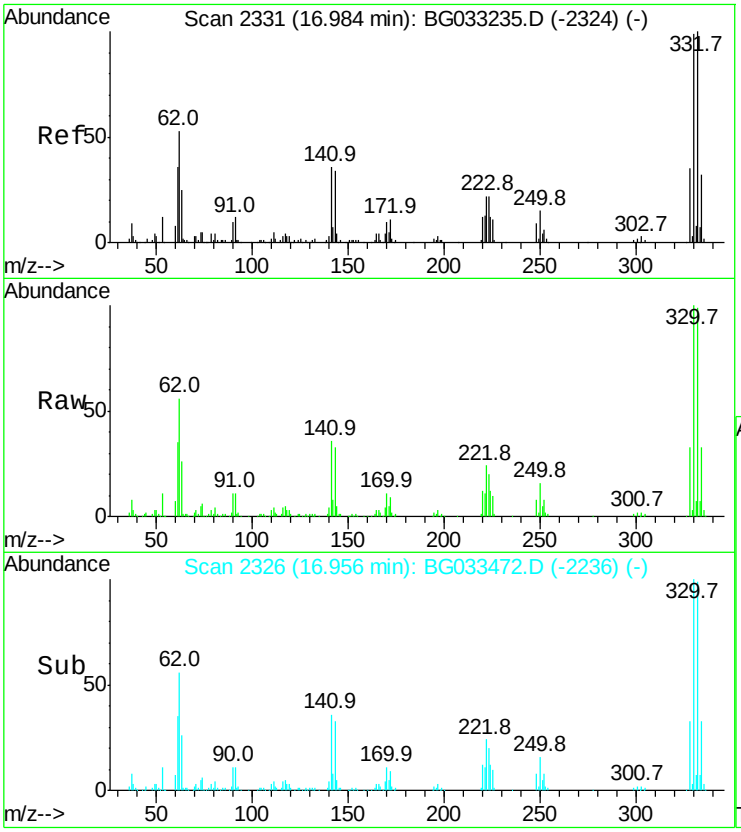


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Tgt Ion:164 Resp: 103942

Ion	Ratio	Lower	Upper
164	100		
162	94.6	78.8	118.2
160	45.3	35.4	53.0



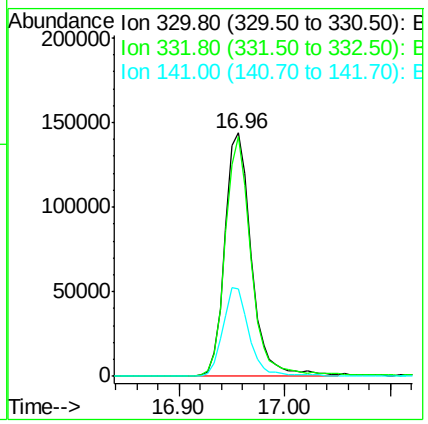


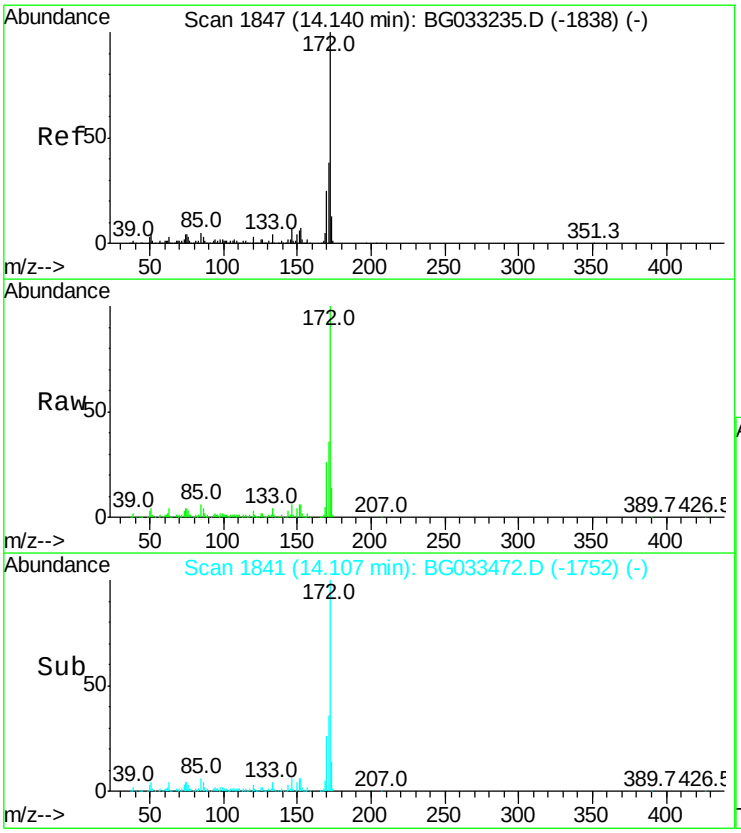
#41
2,4,6-Tribromophenol
Concen: 161.034 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 250339

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	36.2	25.2	37.8

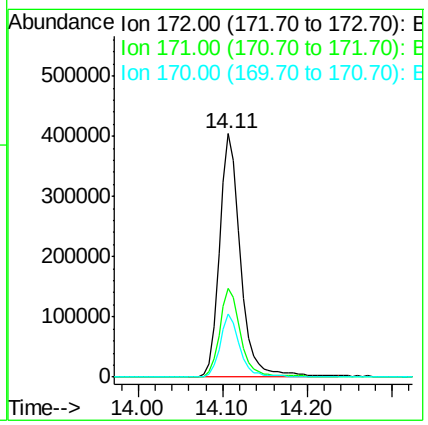


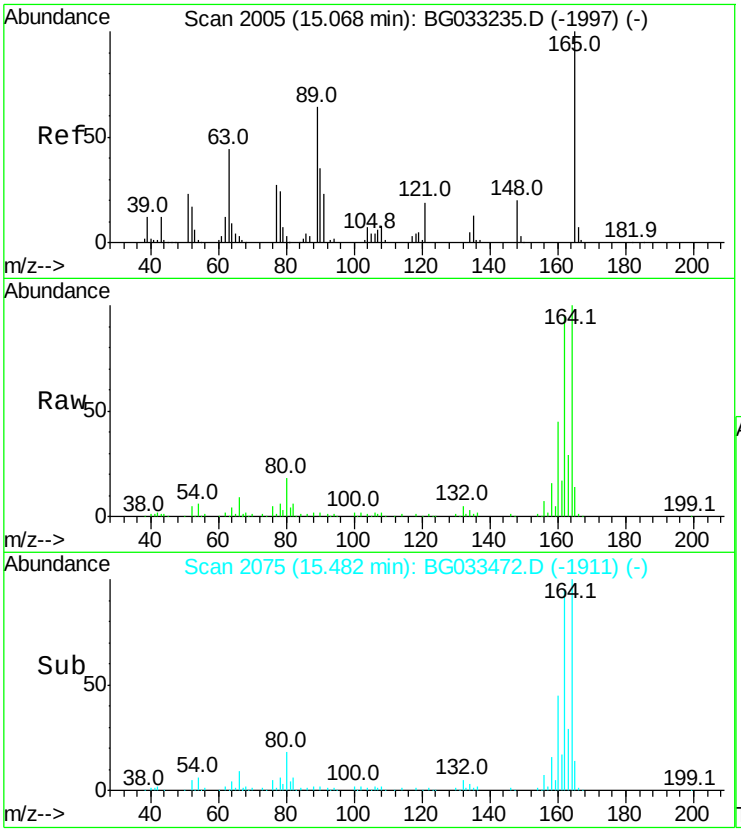


#44
2-Fluorobiphenyl
Concen: 97.670 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Tgt Ion:172 Resp: 703229

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	25.9	19.5	29.3



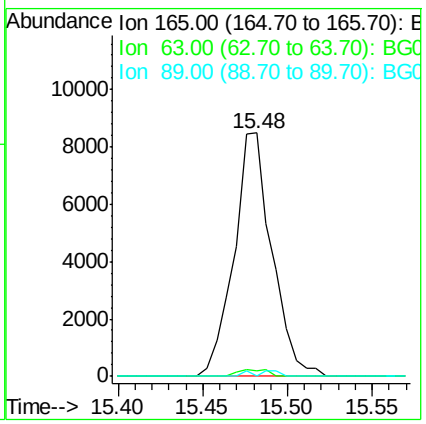


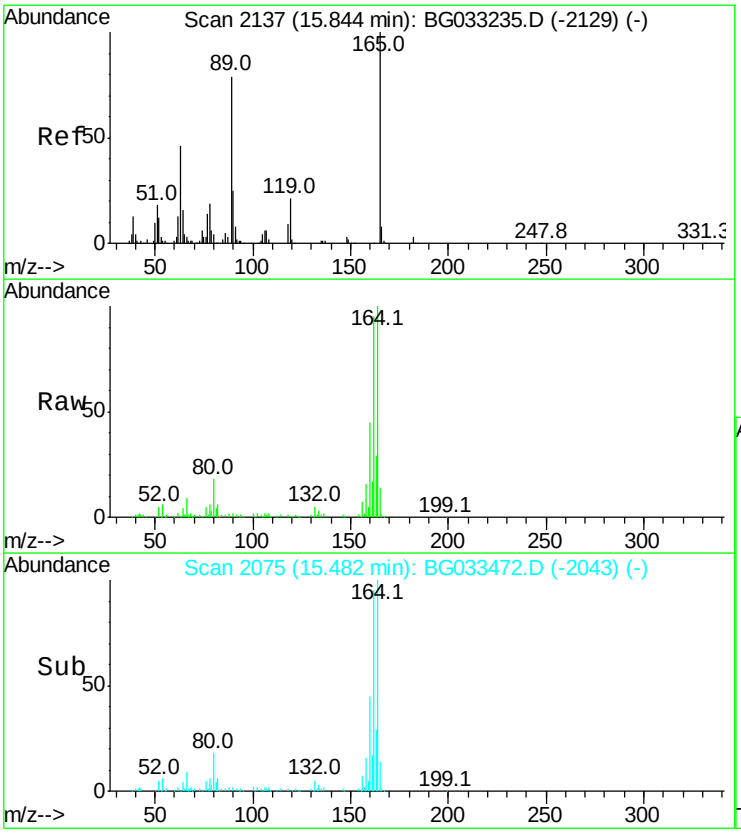
#50
2,6-Dinitrotoluene
Concen: 7.175 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.43 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13271

Ion	Ratio	Lower	Upper
165	100		
63	2.3	52.7	79.1#
89	0.0	49.2	73.8#

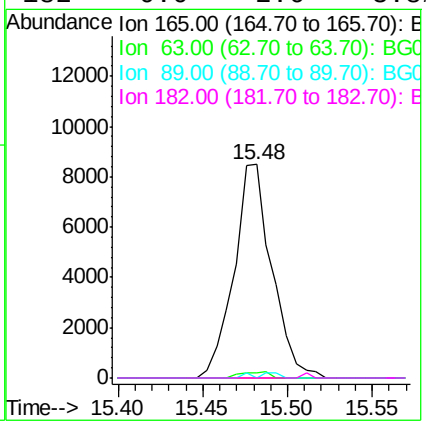


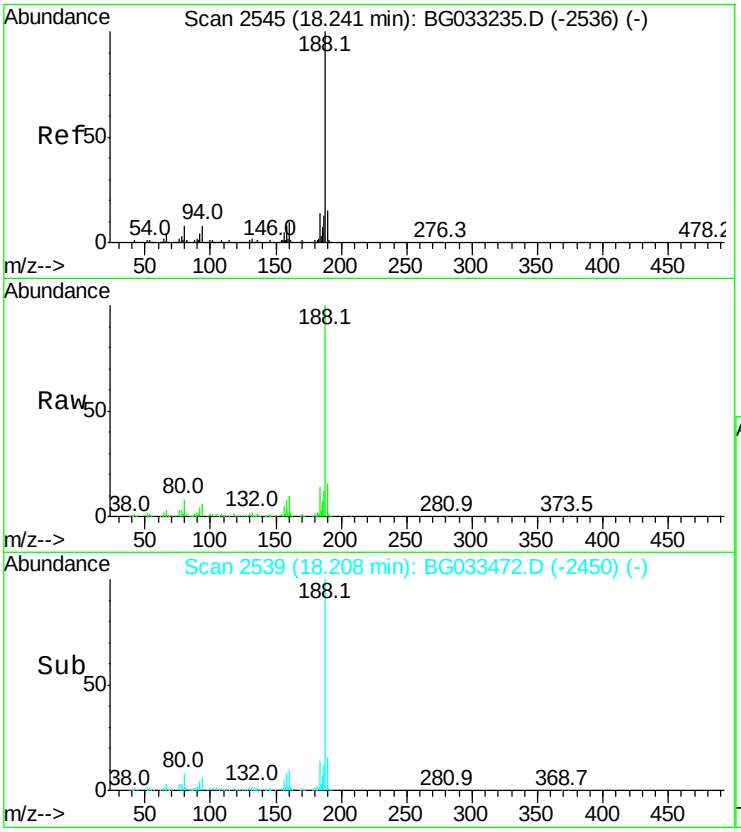


#56
2,4-Dinitrotoluene
Concen: 4.873 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Tgt Ion:165 Resp: 13271

Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



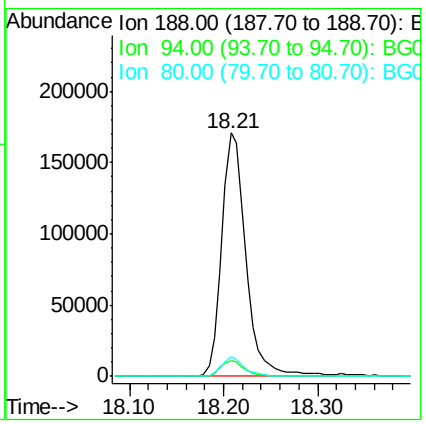


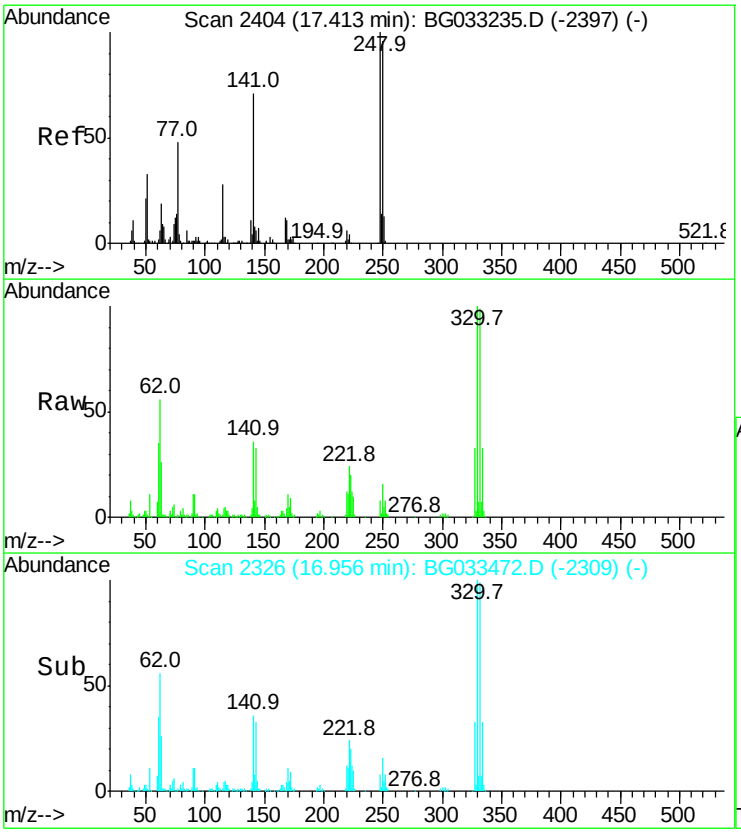
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 307067

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.9	7.7	11.5

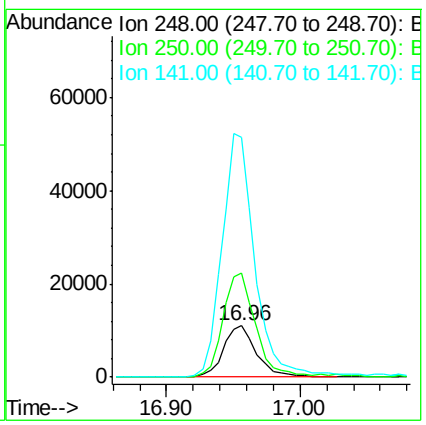


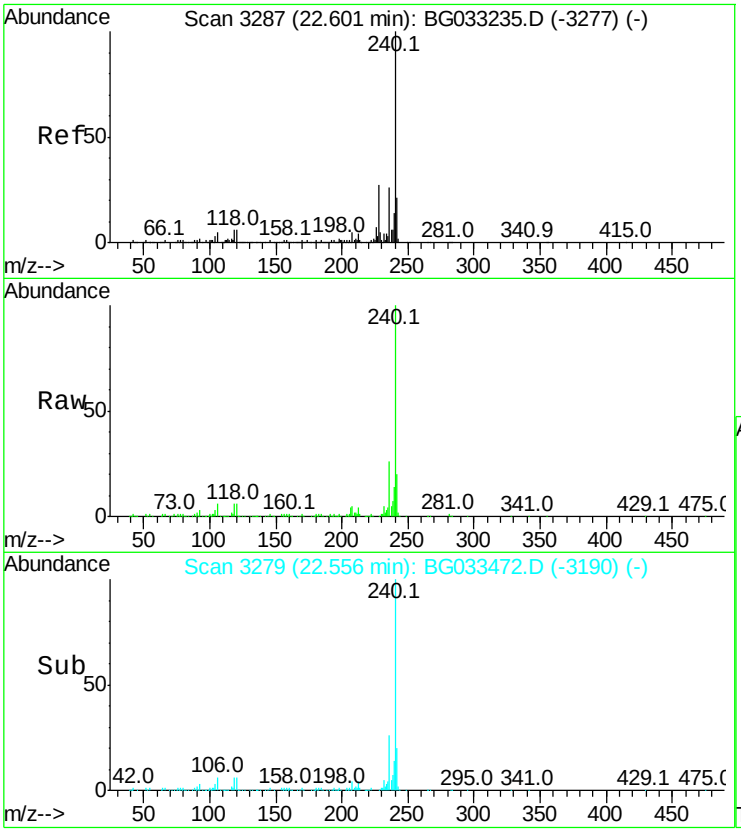


#66
4-Bromophenyl-phenylether
Concen: 5.250 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Tgt Ion:248 Resp: 18934

Ion	Ratio	Lower	Upper
248	100		
250	202.8	77.1	115.7#
141	465.8	50.8	76.2#



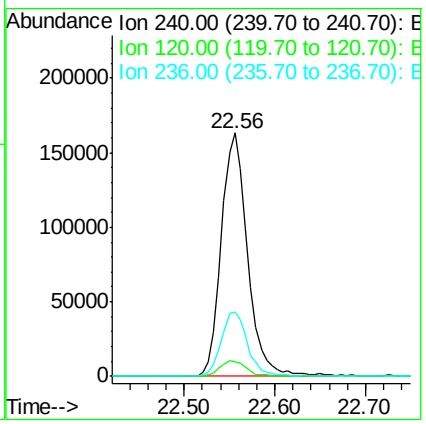


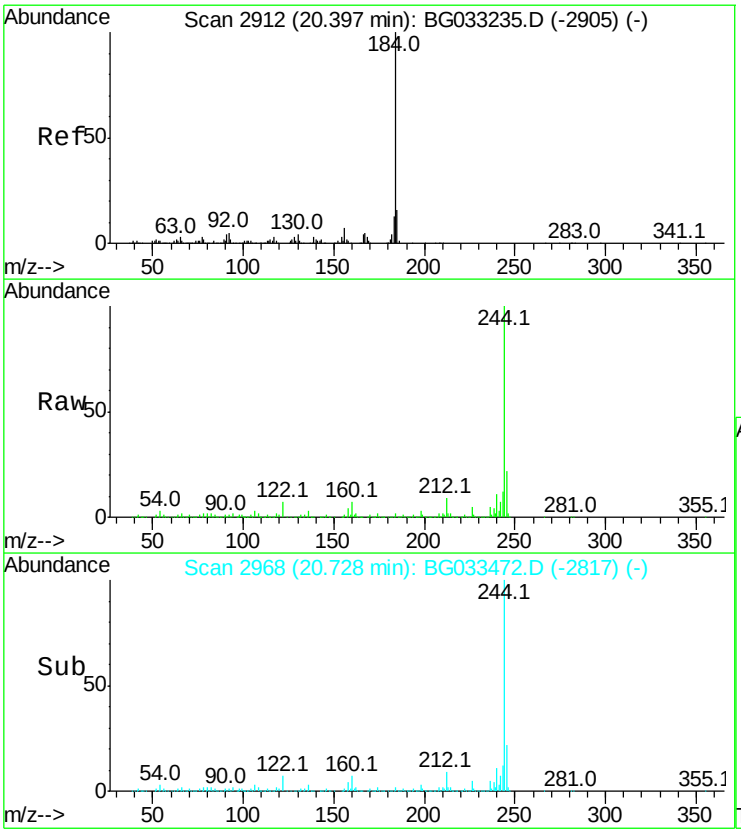
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 327985

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	26.2	20.9	31.3

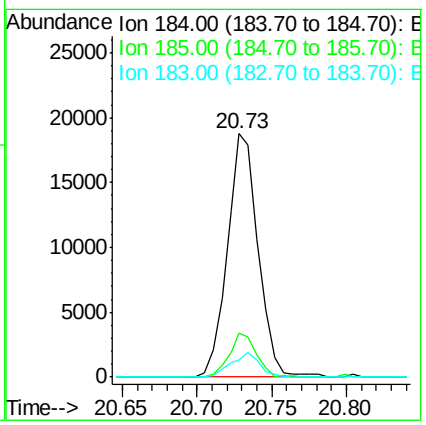


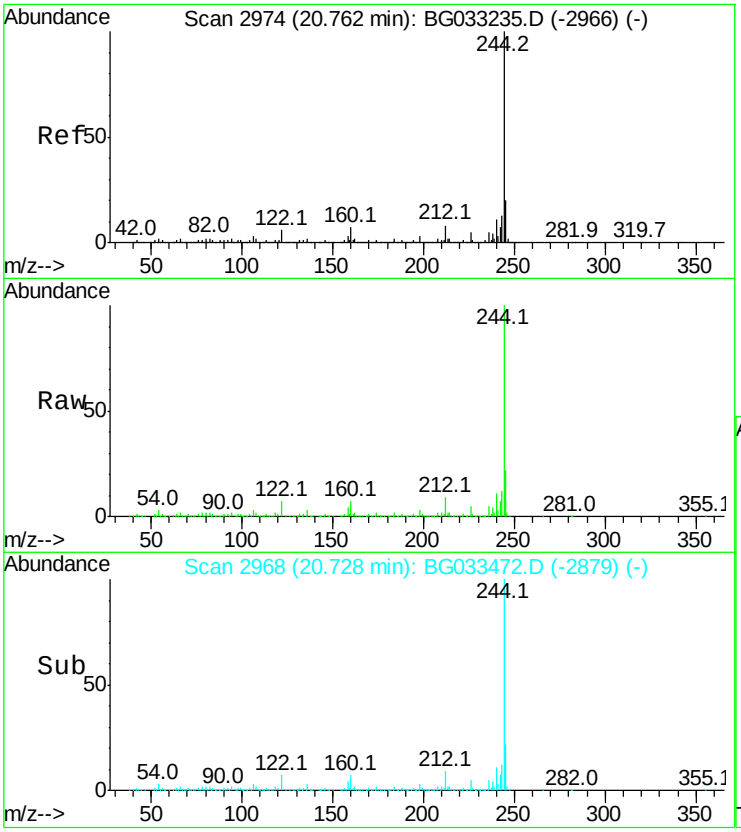


#76
Benzidine
Concen: 3.038 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Tgt Ion:184 Resp: 27020

Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.1	16.7#
183	7.2	10.6	16.0#



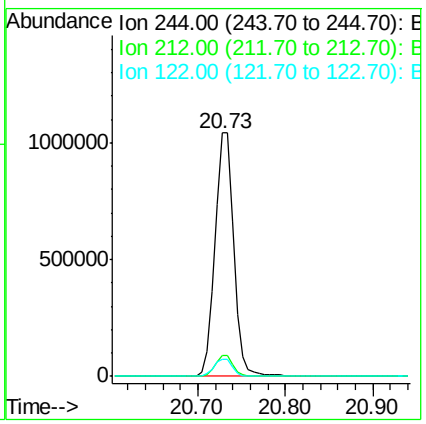


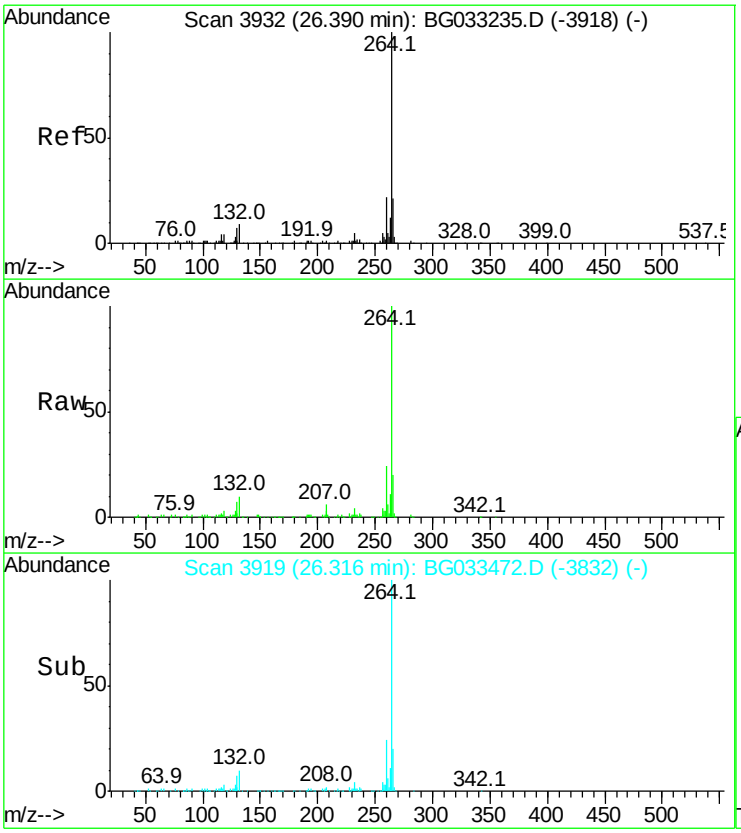
#78
Terphenyl-d14
Concen: 101.810 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1561398

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BG033472.D
Acq: 31 Mar 2018 7:29

Tgt Ion:264 Resp: 353030

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.2	17.7	26.5