Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
Data File : BG033440.D
Acq On : 30 Mar 2018 3:44
Operator : SJ/JU
Sample : PB107742BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 30 07:44:01 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	27824	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	111667	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	92792	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	288354	20.00	ng	0.00
75) Chrysene-d12	22.56	240	331522	20.00	ng	0.00
86) Perylene-d12	26.33	264	352567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	238260	160.57	ng	0.00
7) Phenol-d6	7.99	99	340660	133.62	ng	0.00
23) Nitrobenzene-d5	10.07	82	210827	86.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	106886	77.02	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	553115	86.05	ng	0.00
78) Terphenyl-d14	20.73	244	1327933	85.66	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.20	79	4040	2.013	ng	# 29
19) n-Nitroso-di-n-propylamine	10.07	70	29571	15.828	ng	# 71
50) 2,6-Dinitrotoluene	15.48	165	11843	7.172	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	11843	4.871	ng	# 18
76) Benzidine	20.73	184	21579	2.400	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
Data File : BG033440.D
Acq On : 30 Mar 2018 3:44
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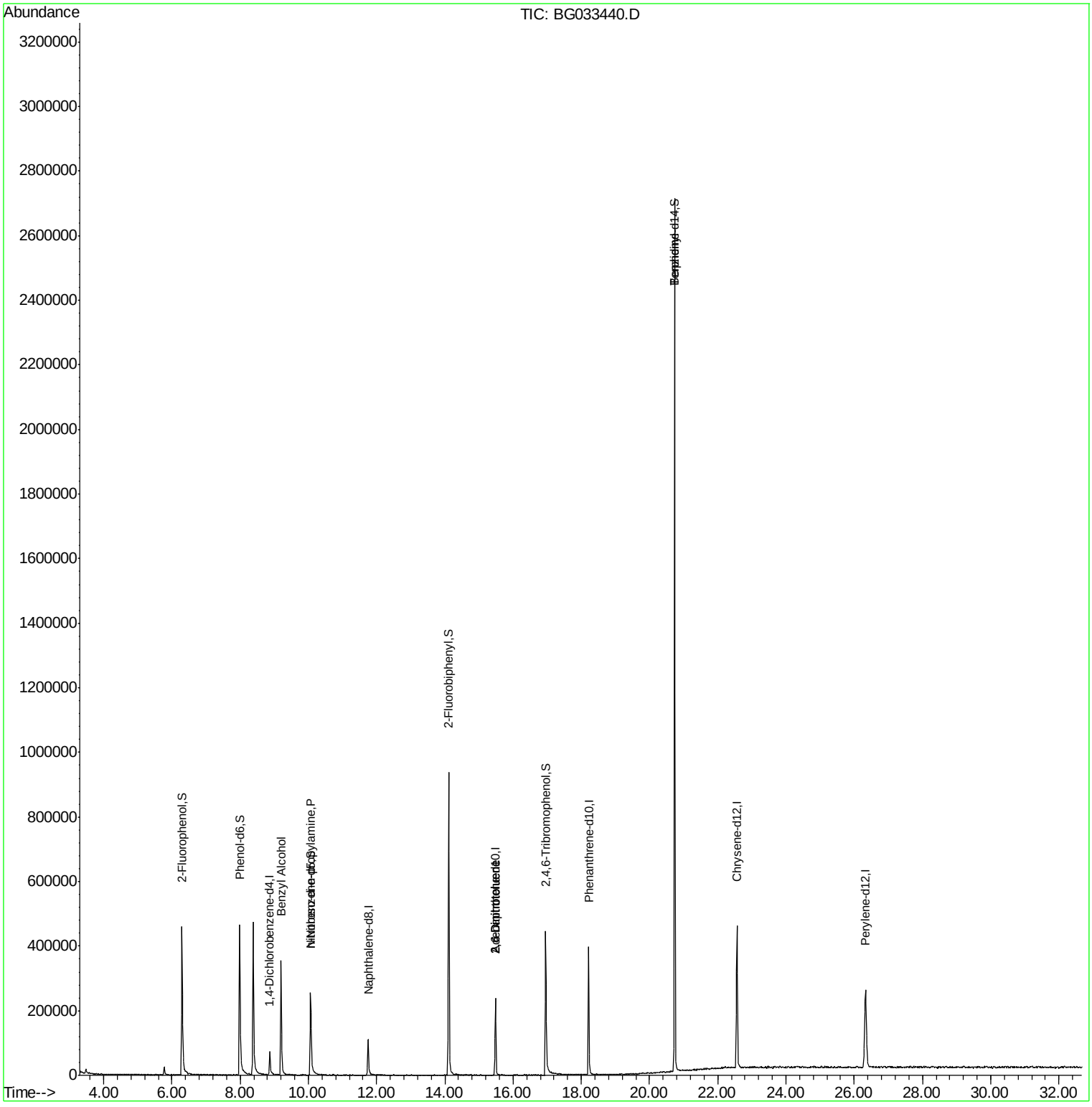
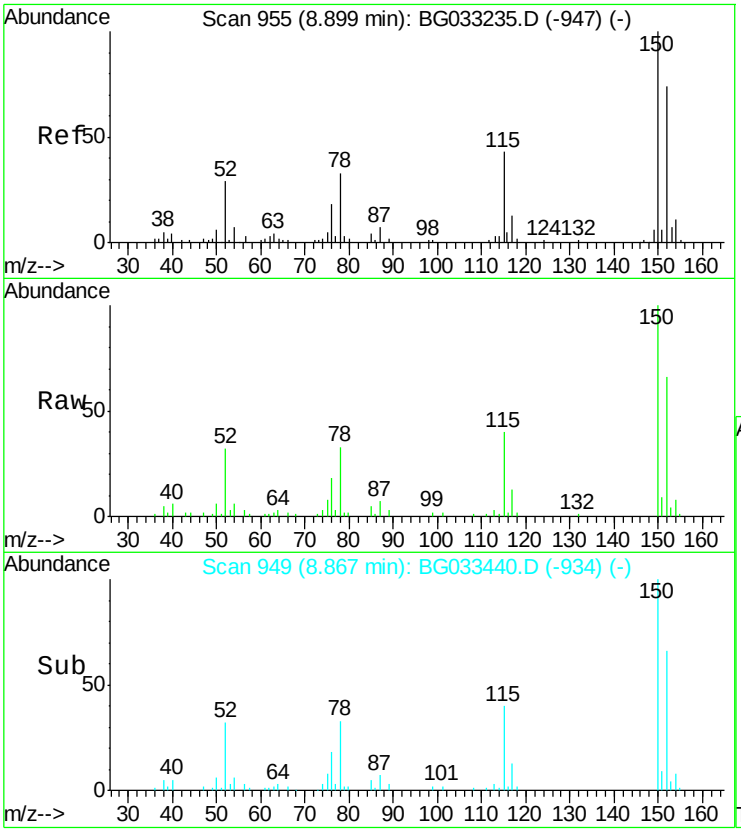


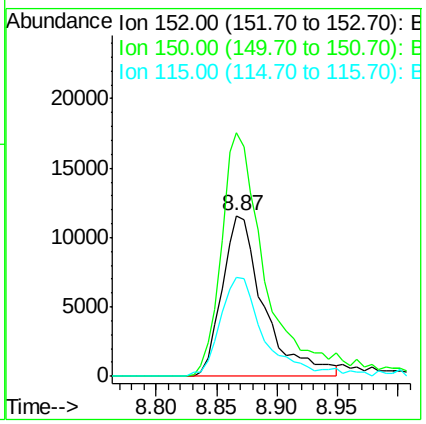


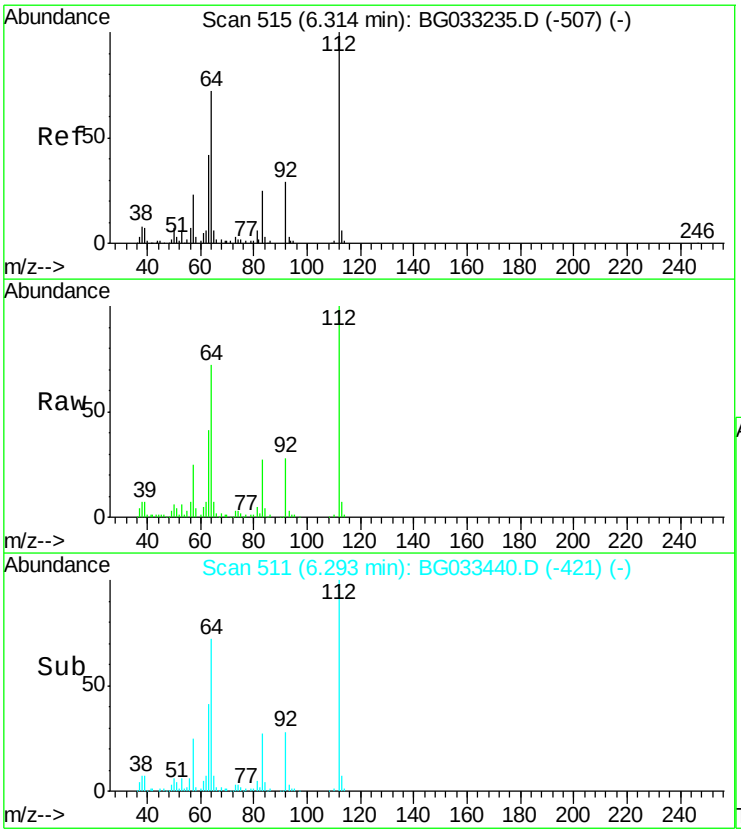
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27824

Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.6	189.8
115	61.3	53.0	79.4

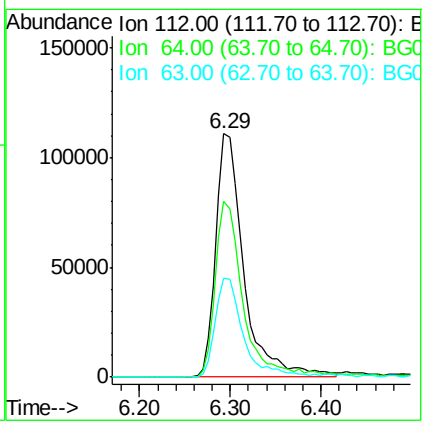


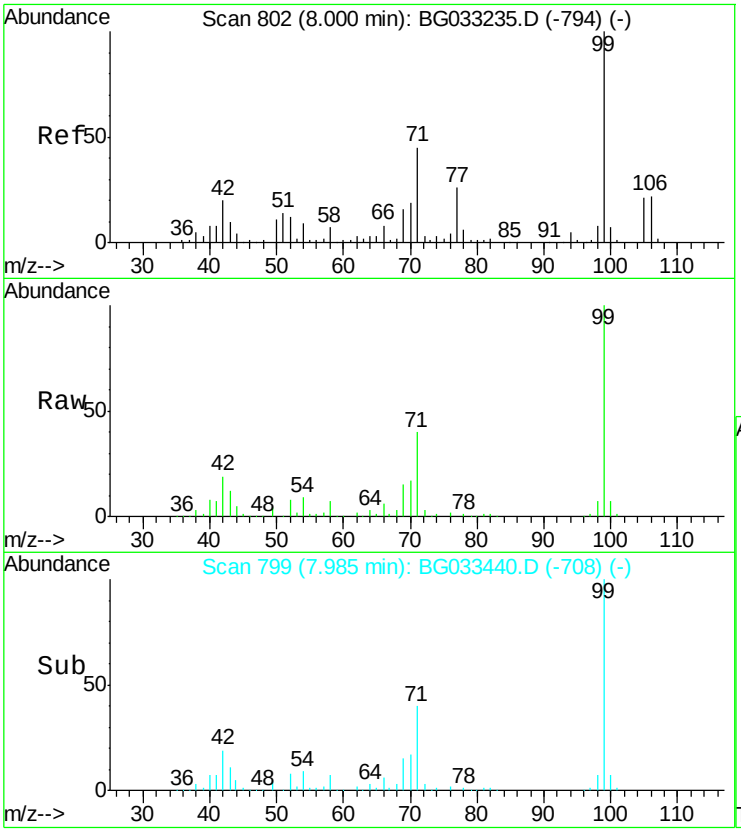


#5
2-Fluorophenol
Concen: 160.569 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Tgt Ion:112 Resp: 238260

Ion	Ratio	Lower	Upper
112	100		
64	72.2	56.3	84.5
63	40.8	30.1	45.1



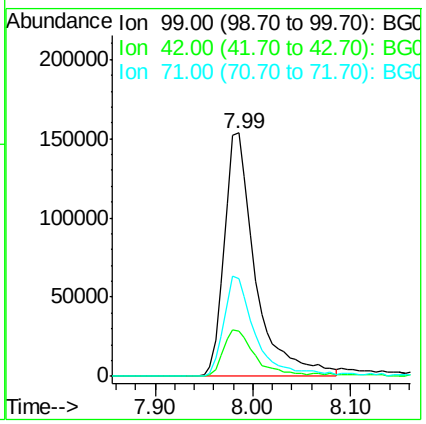


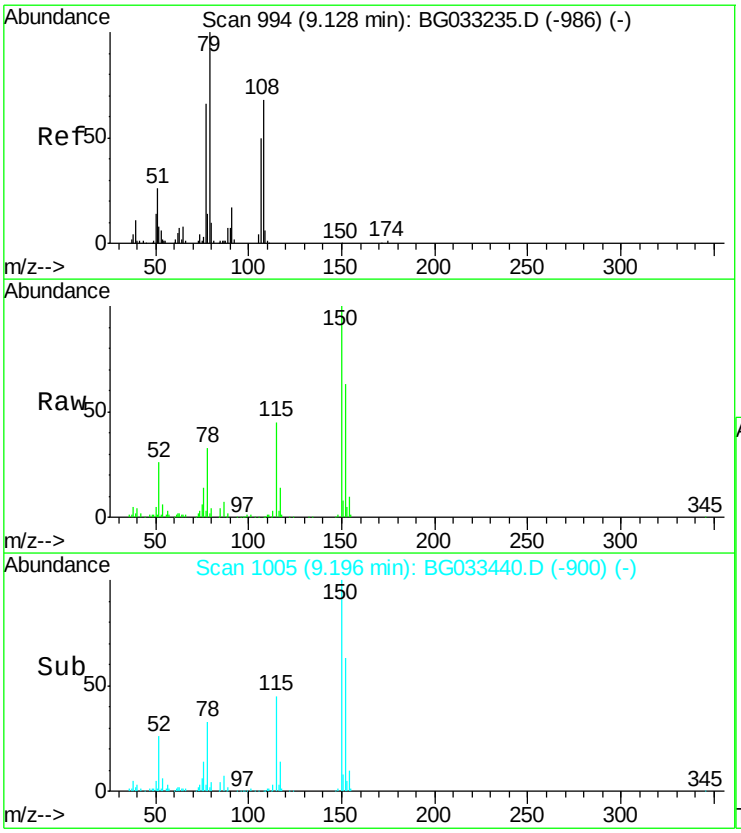
#7
Phenol-d6
Concen: 133.615 ng
RT: 7.99 min Scan# 799
Delta R.T. 0.01 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 340660

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.1	21.1
71	40.3	26.1	39.1#

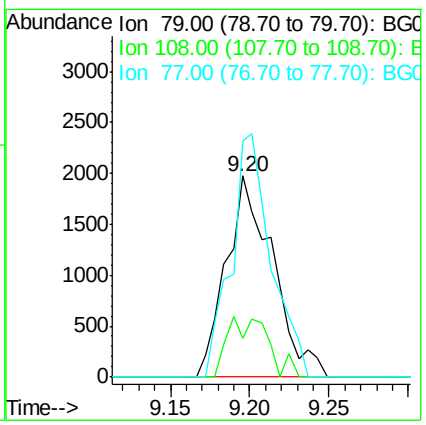


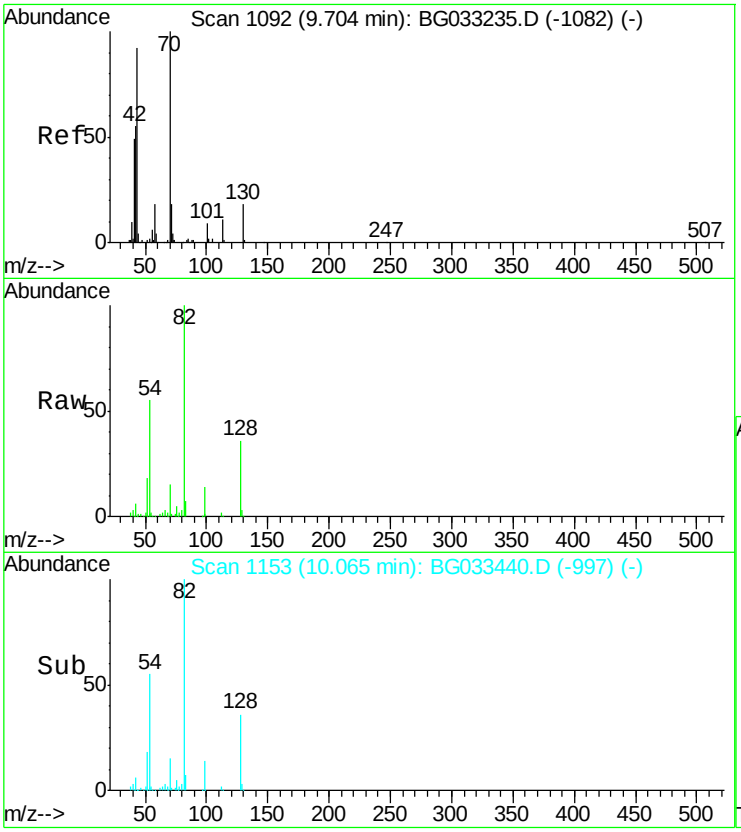


#15
Benzyl Alcohol
Concen: 2.013 ng
RT: 9.20 min Scan# 1005
Delta R.T. 0.09 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Tgt Ion: 79 Resp: 4040

Ion	Ratio	Lower	Upper
79	100		
108	19.3	57.2	85.8#
77	117.1	46.1	69.1#



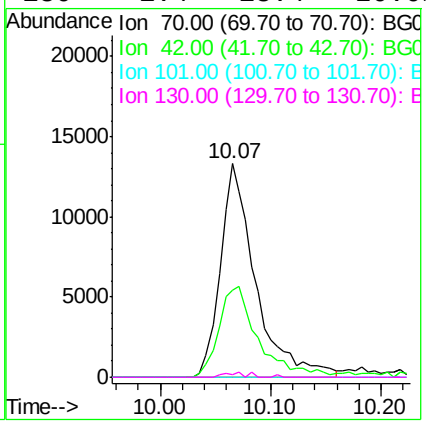


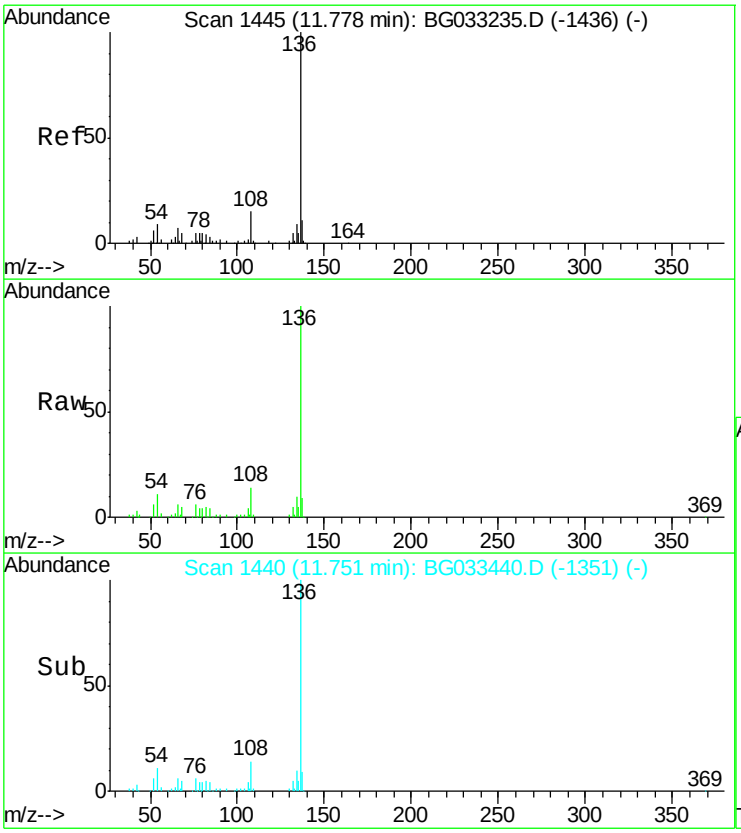
#19
n-Nitroso-di-n-propylamine
Concen: 15.828 ng
RT: 10.07 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 29571

Ion	Ratio	Lower	Upper
70	100		
42	40.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#

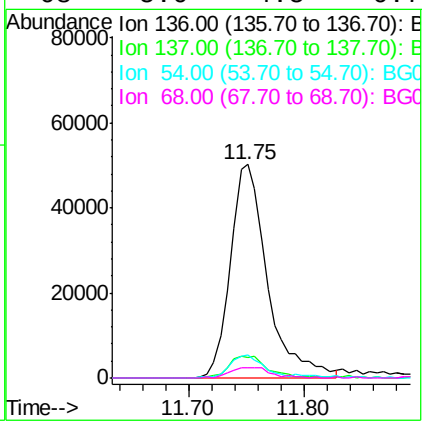


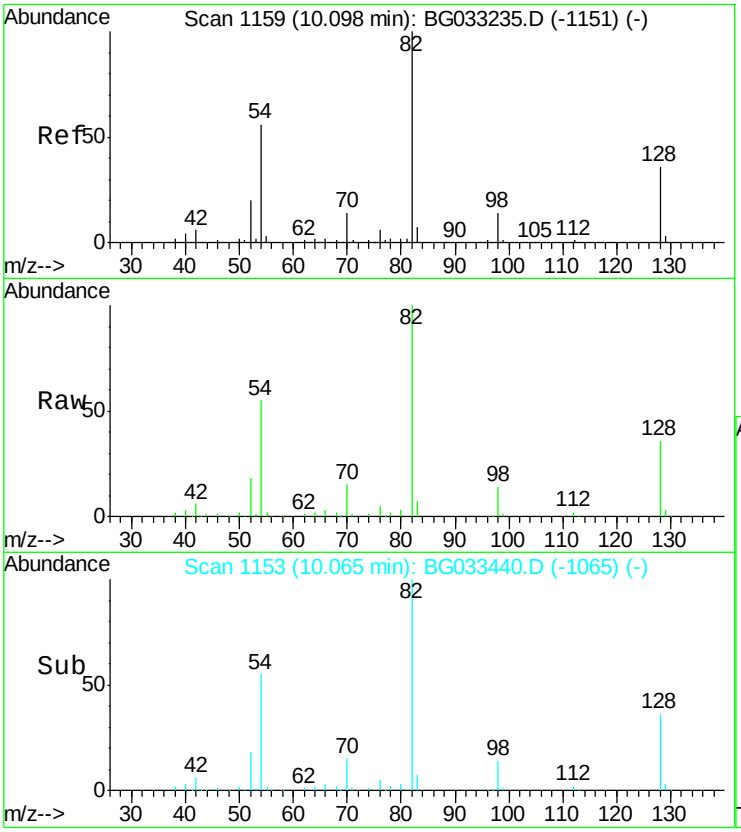


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Tgt Ion:136 Resp: 111667

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	10.9	10.3	15.5
68	5.0	4.5	6.7



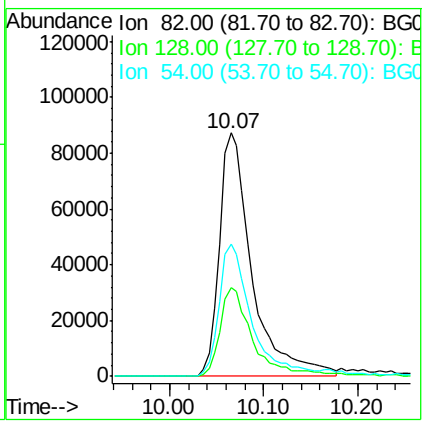


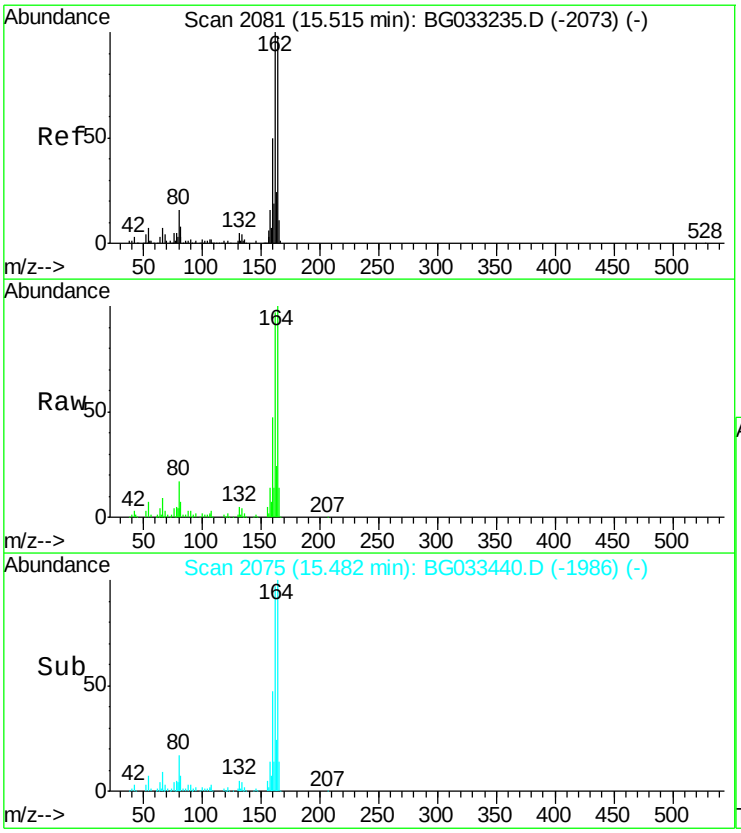
#23
Nitrobenzene-d5
Concen: 86.742 ng
RT: 10.07 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 210827

Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	54.5	43.1	64.7

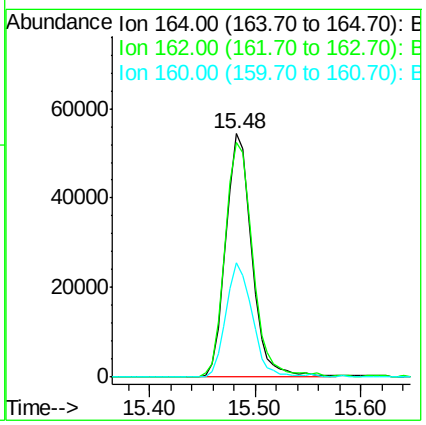


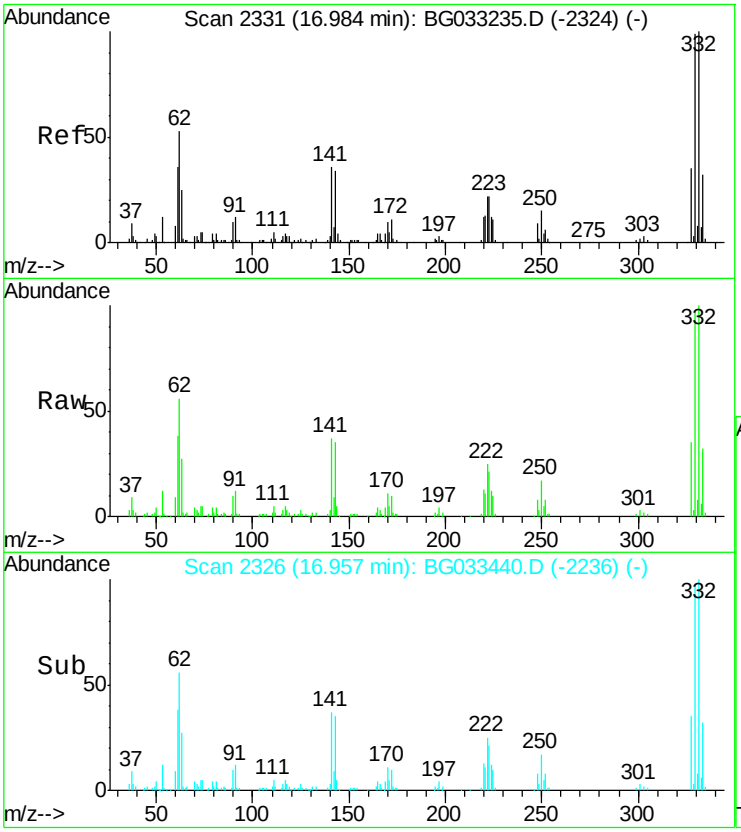


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Tgt Ion:164 Resp: 92792

Ion	Ratio	Lower	Upper
164	100		
162	96.6	78.8	118.2
160	46.8	35.4	53.0



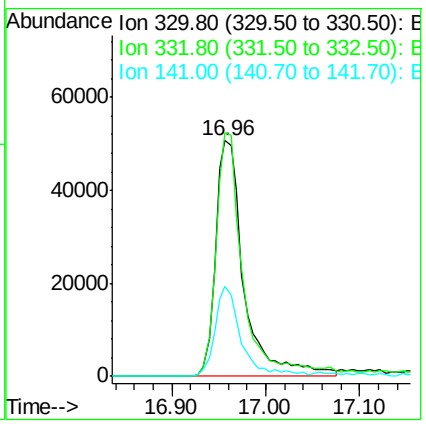


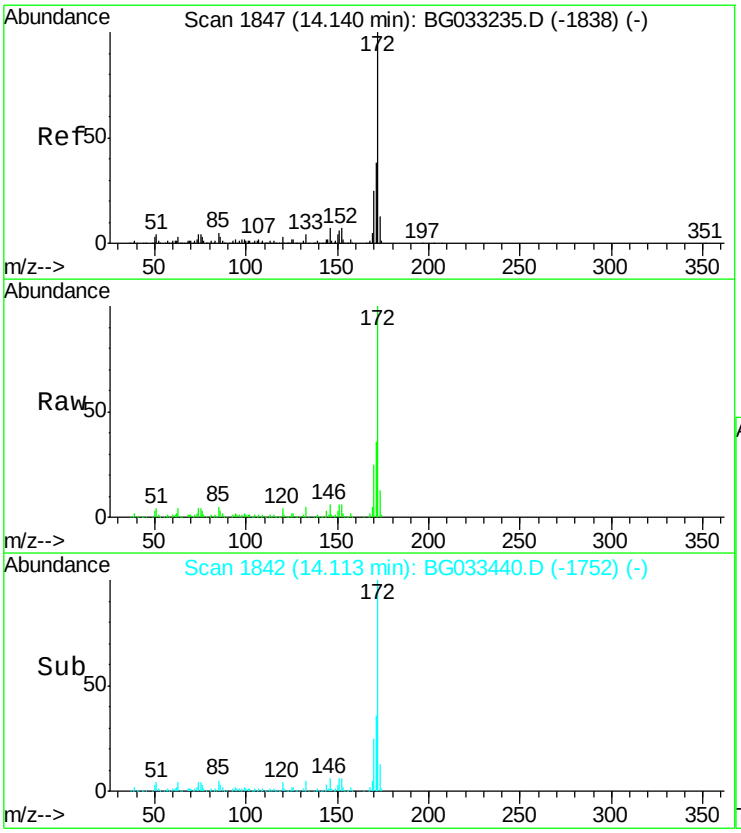
#41
2,4,6-Tribromophenol
Concen: 77.018 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 106886

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	35.0	25.2	37.8

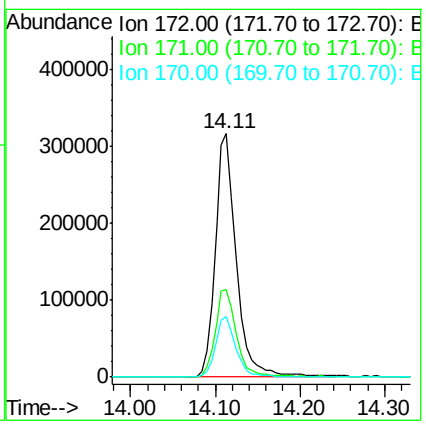


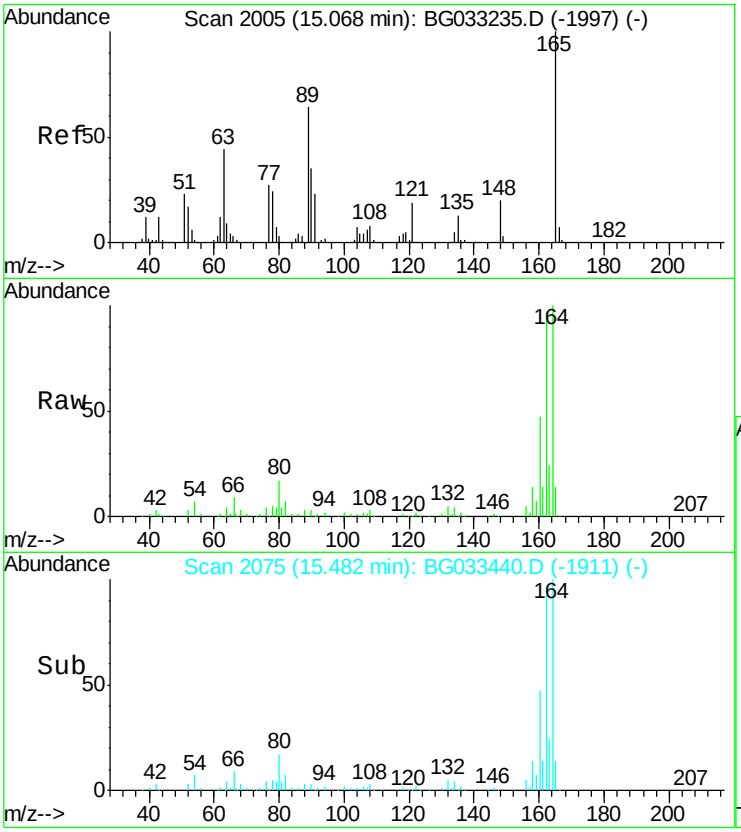


#44
2-Fluorobiphenyl
Concen: 86.052 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Tgt Ion:172 Resp: 553115

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	25.0	19.5	29.3



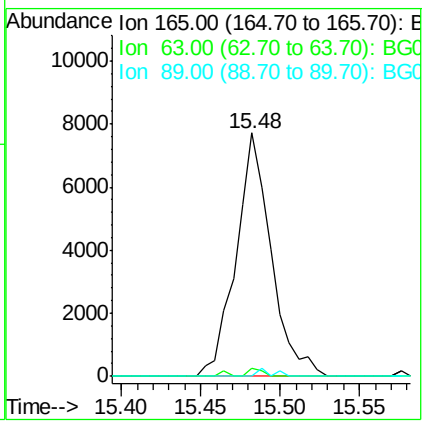


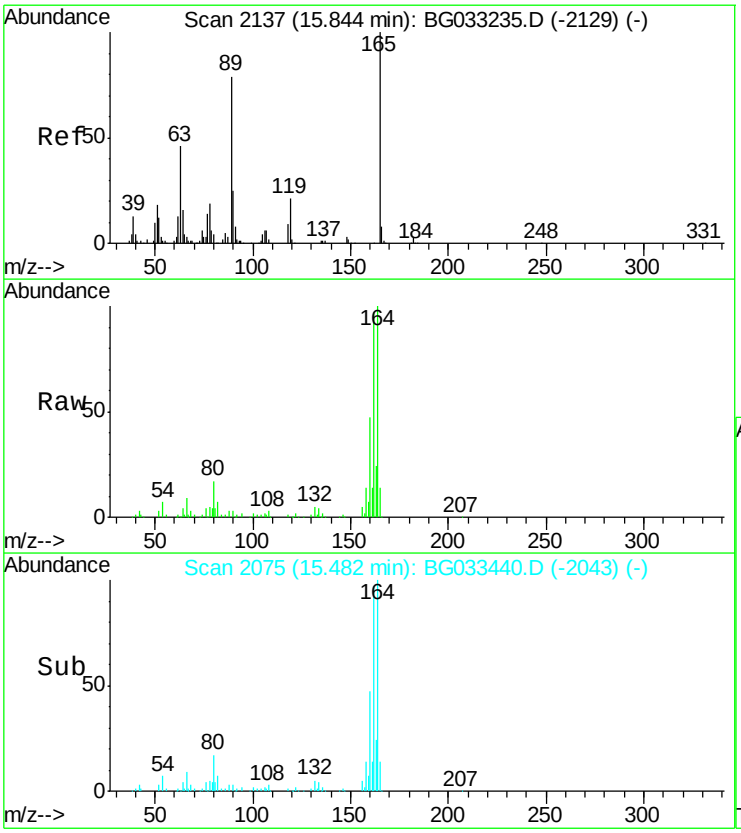
#50
2,6-Dinitrotoluene
Concen: 7.172 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.43 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11843

Ion	Ratio	Lower	Upper
165	100		
63	3.5	52.7	79.1#
89	0.0	49.2	73.8#

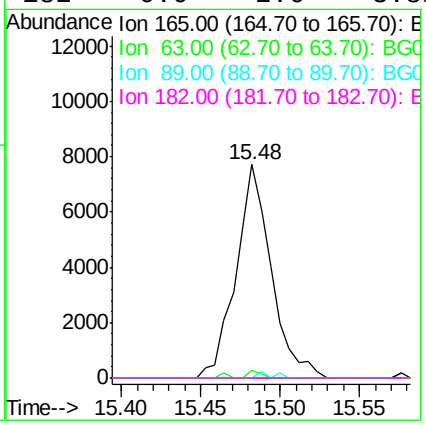


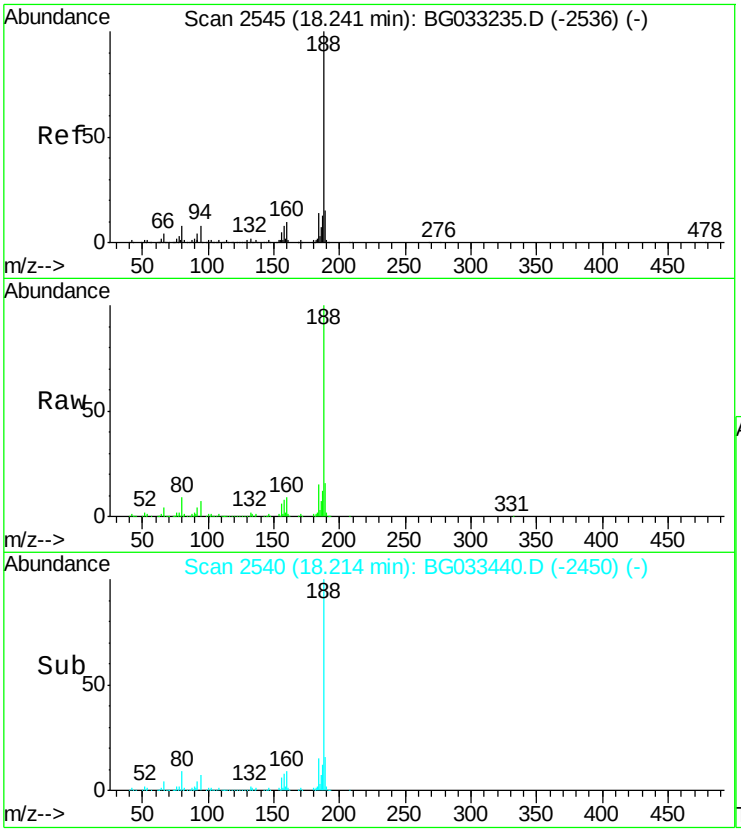


#56
2,4-Dinitrotoluene
Concen: 4.871 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Tgt Ion:165 Resp: 11843

Ion	Ratio	Lower	Upper
165	100		
63	3.5	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



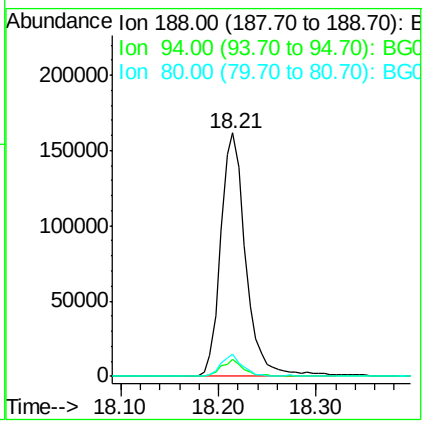


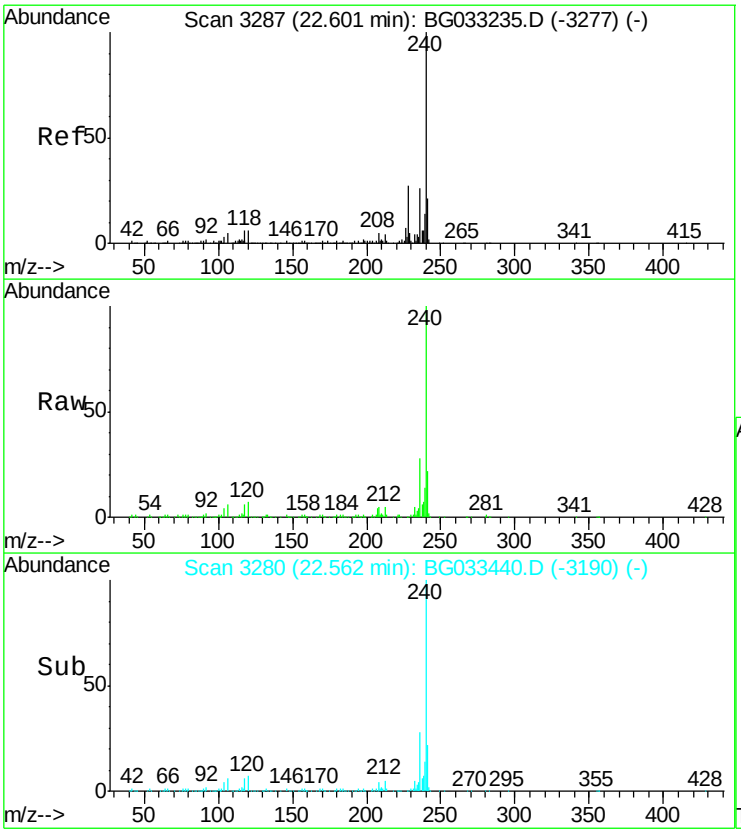
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 288354

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	9.0	7.7	11.5

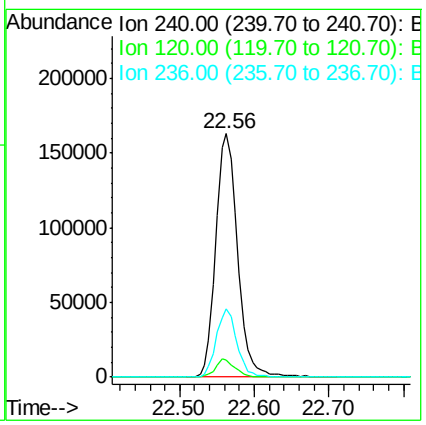


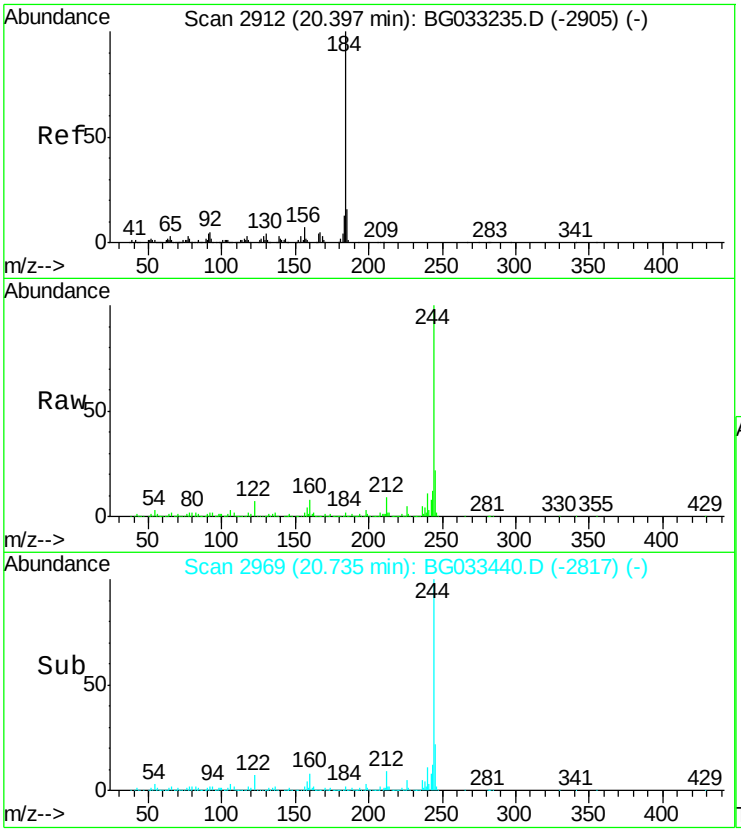


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Tgt Ion:240 Resp: 331522

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.8	10.2
236	27.9	20.9	31.3



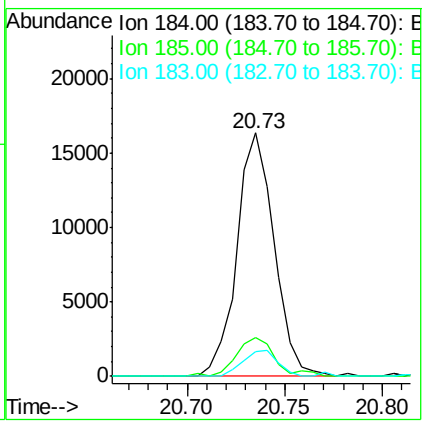


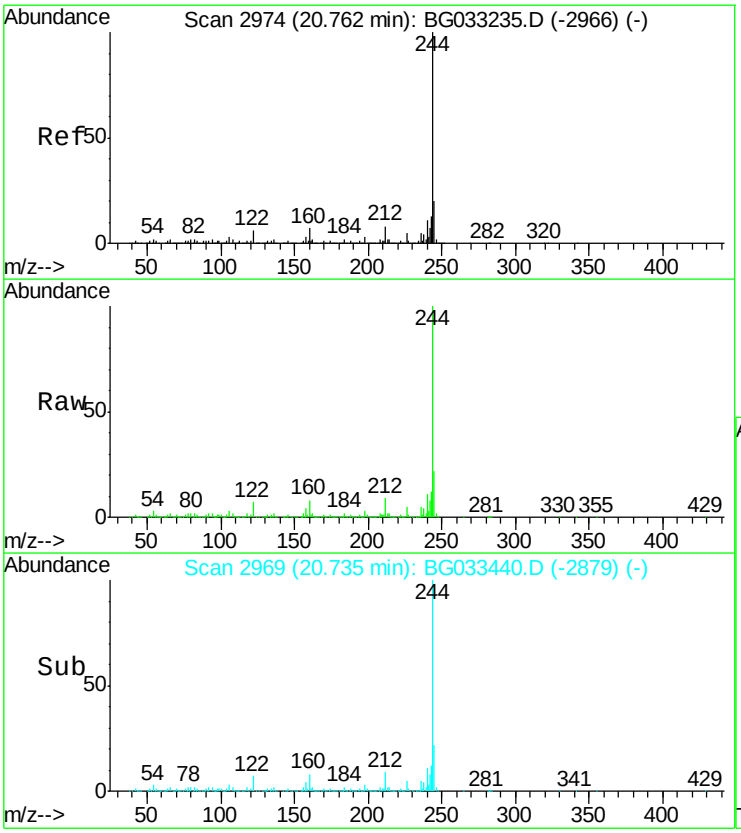
#76
Benzidine
Concen: 2.400 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.36 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 21579

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.1	16.7
183	10.0	10.6	16.0#

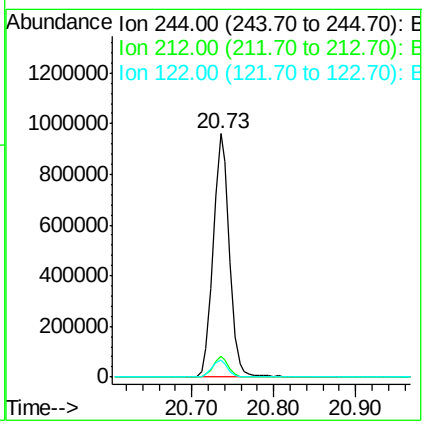


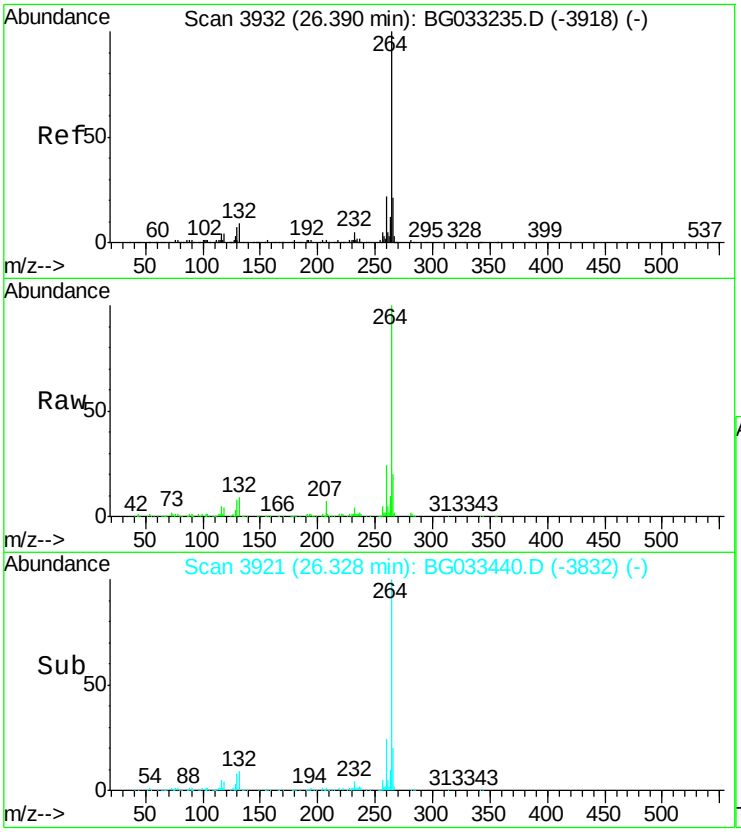


#78
Terphenyl-d14
Concen: 85.663 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Tgt Ion:244 Resp: 1327933

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033440.D
Acq: 30 Mar 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 352567

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.3	17.7	26.5