Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032104.D
Acq On : 17 Jan 2018 12:57
Operator : SJ/JU
Sample : J1122-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-5

Quant Time: Jan 17 13:33:00 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	52325	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	213977	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	149190	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	380585	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	466751	20.00	ng	-0.02
86) Perylene-d12	26.18	264	479384	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	309504	108.18	ng	0.00
7) Phenol-d6	7.87	99	393320	109.16	ng	0.00
23) Nitrobenzene-d5	9.96	82	222791	70.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	51611	20.91	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	833211	69.25	ng	0.00
78) Terphenyl-d14	20.66	244	1526612	72.22	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.96	70	30473	13.631	ng	# 78
32) Benzoic acid	10.39	122	57	5.277	ng	# 1
49) Dimethylphthalate	14.82	163	76286	5.843	ng	99
56) 2,4-Dinitrotoluene	15.40	165	18155	4.976	ng	# 19
62) Azobenzene	16.73	77	22811	2.880	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.88	198	53	4.904	ng	# 28

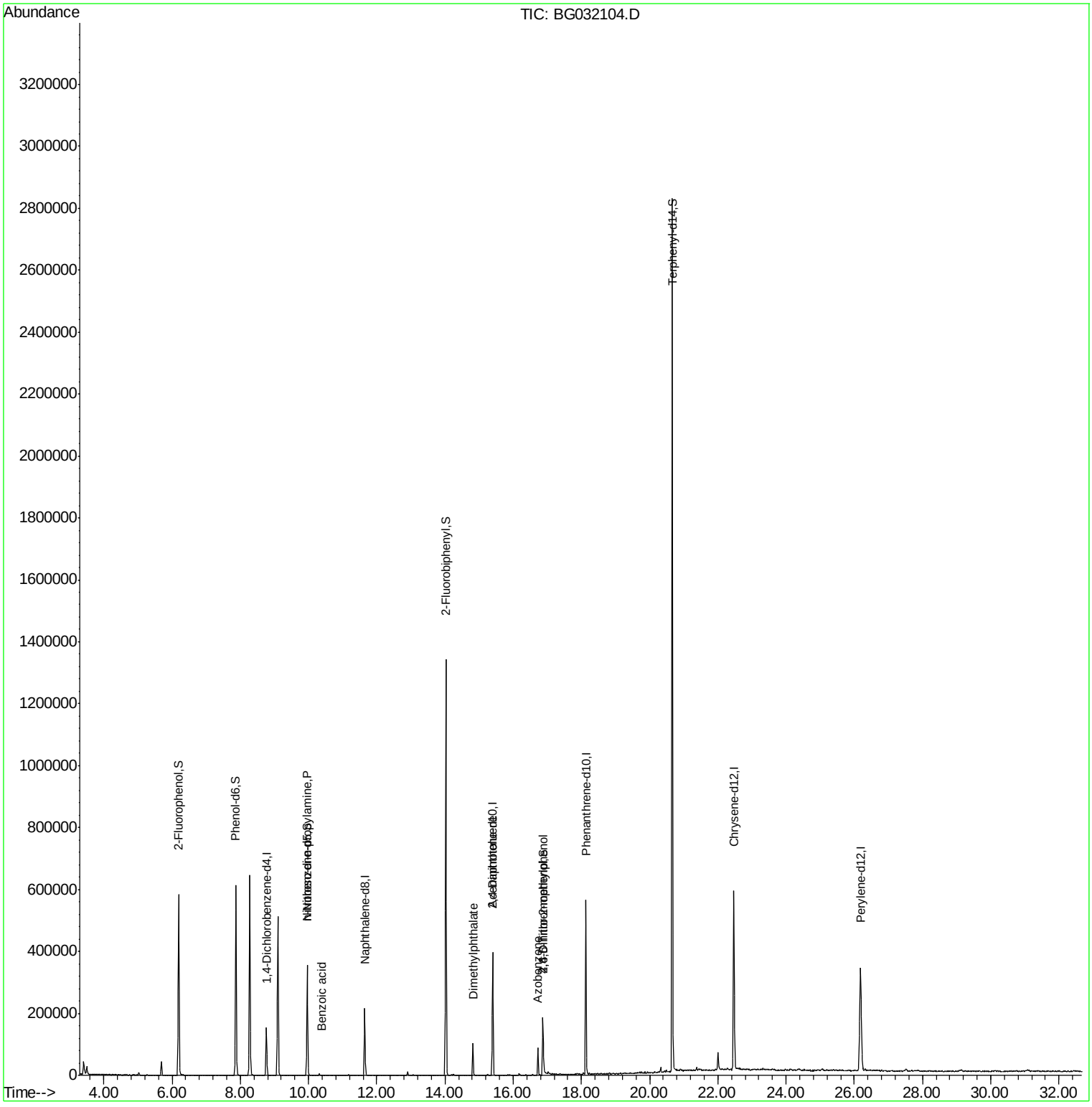
(#) = qualifier out of range (m) = manual integration (+) = signals summed

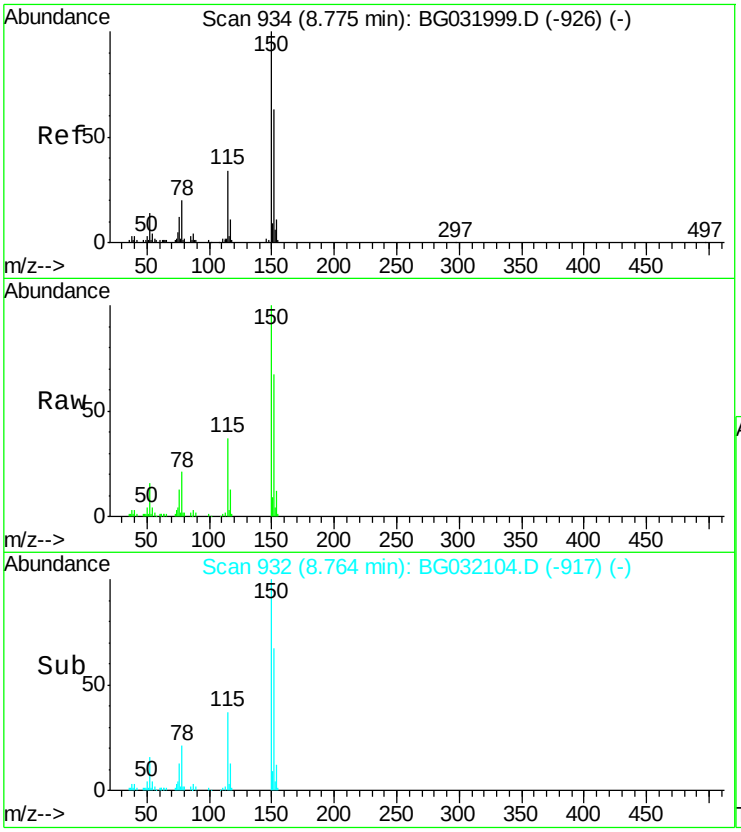
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032104.D
Acq On : 17 Jan 2018 12:57
Operator : SJ/JU
Sample : J1122-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-5

Quant Time: Jan 17 13:33:00 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration



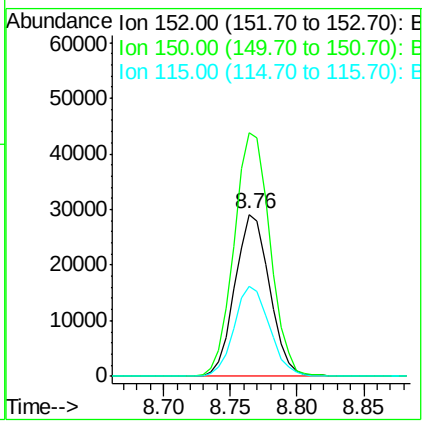


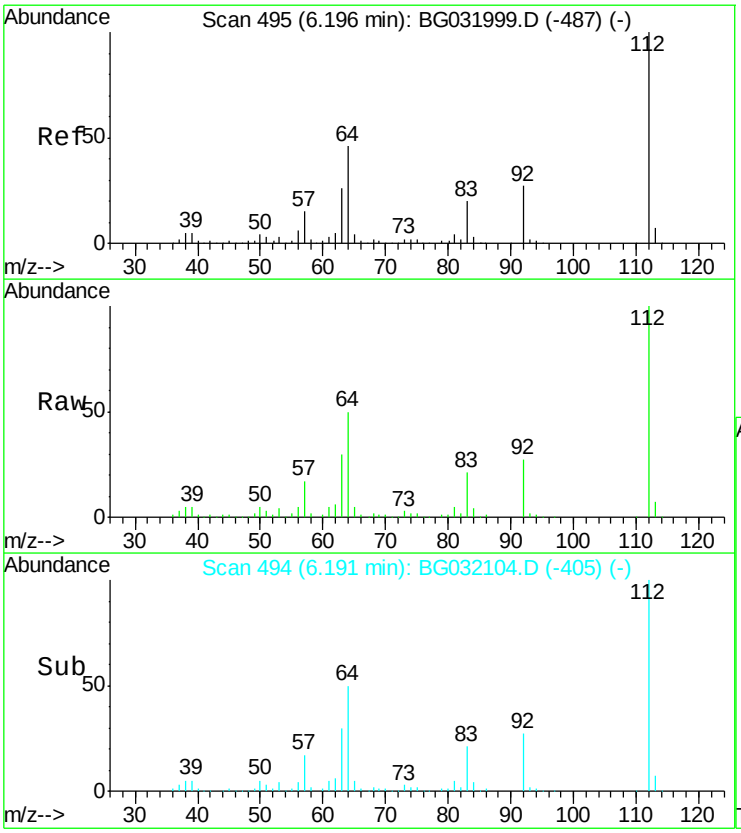
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Instrument :
BNA_G
ClientSampleId :
C-5

Tgt Ion:152 Resp: 52325

Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.6	189.8
115	55.3	53.0	79.4

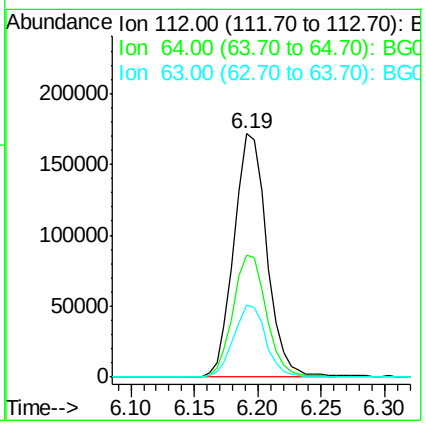


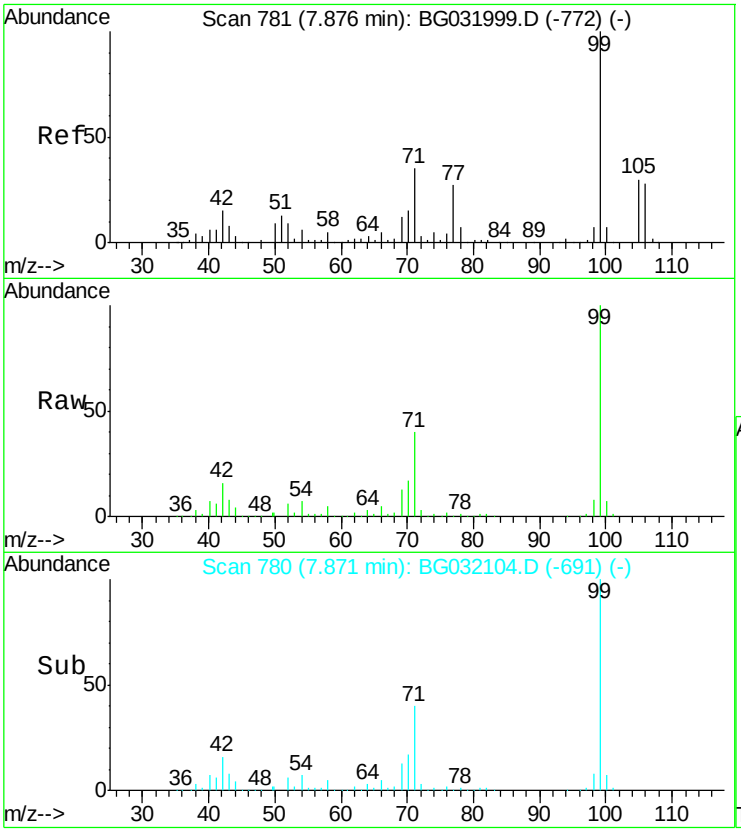


#5
2-Fluorophenol
Concen: 108.182 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.00 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Tgt Ion:112 Resp: 309504

Ion	Ratio	Lower	Upper
112	100		
64	50.2	56.3	84.5#
63	29.7	30.1	45.1#



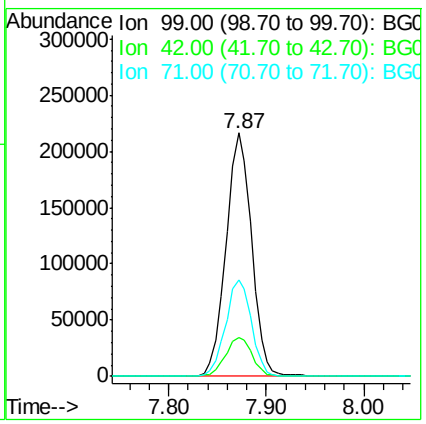


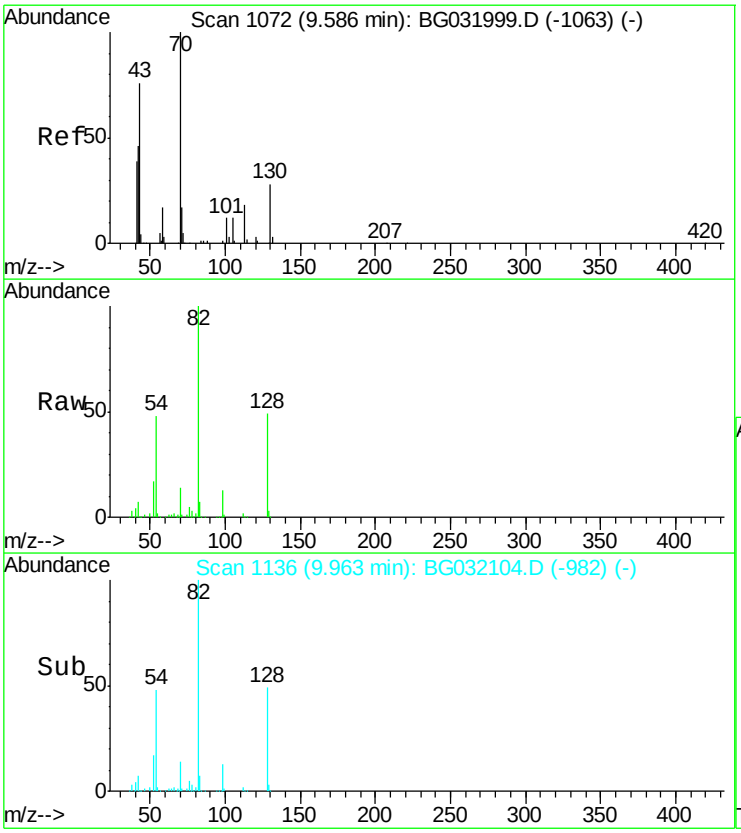
#7
Phenol-d6
Concen: 109.159 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Instrument :
BNA_G
ClientSampleId :
C-5

Tgt Ion: 99 Resp: 393320

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.1	21.1
71	39.6	26.1	39.1#

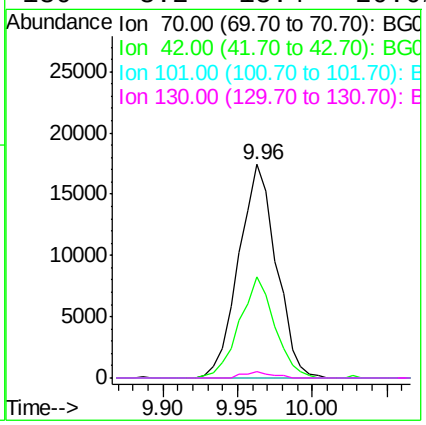


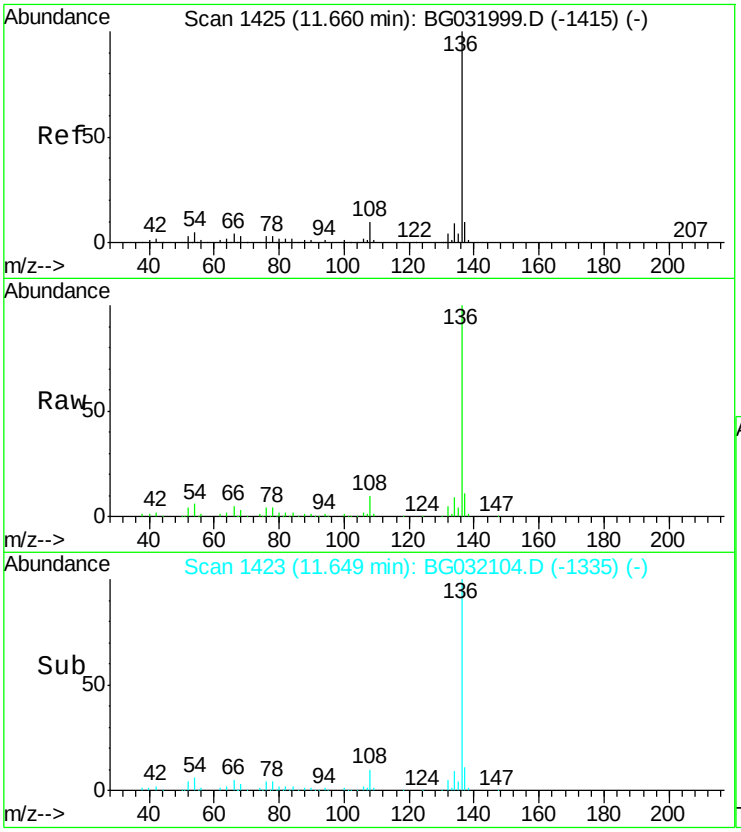


#19
n-Nitroso-di-n-propylamine
Concen: 13.631 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Tgt Ion: 70 Resp: 30473

Ion	Ratio	Lower	Upper
70	100		
42	47.3	49.1	73.7#
101	0.0	8.5	12.7#
130	3.2	13.4	20.0#



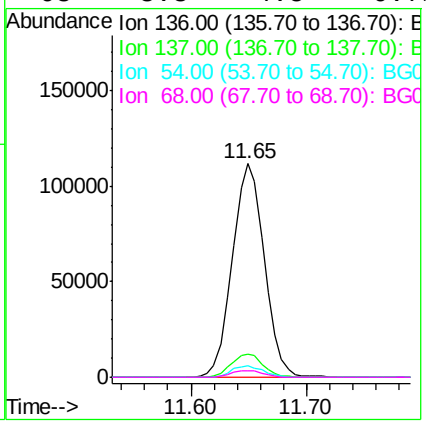


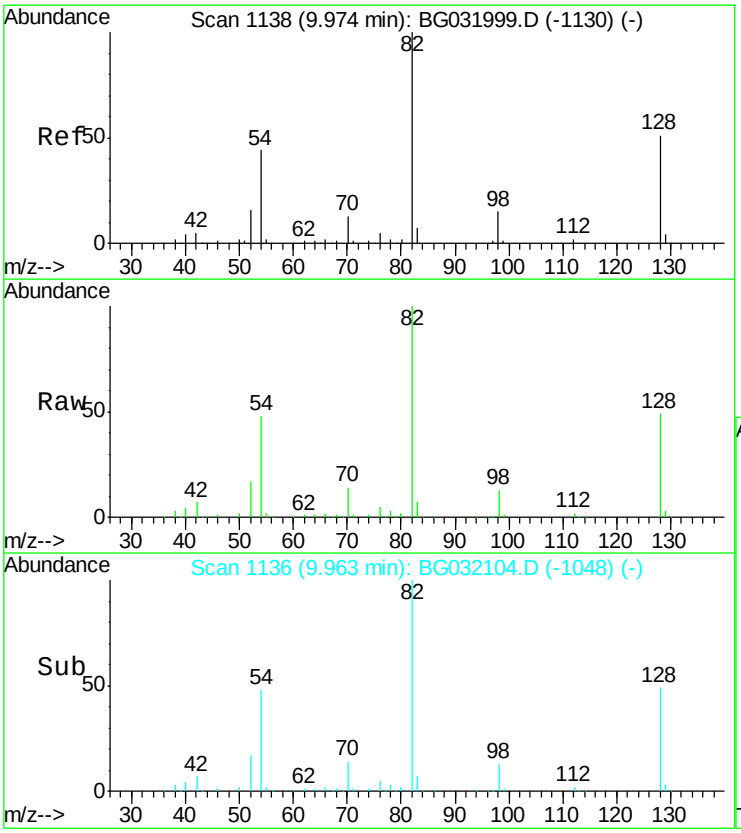
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Instrument :
BNA_G
ClientSampleId :
C-5

Tgt Ion:136 Resp: 213977

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.6	10.3	15.5#
68	3.3	4.5	6.7#

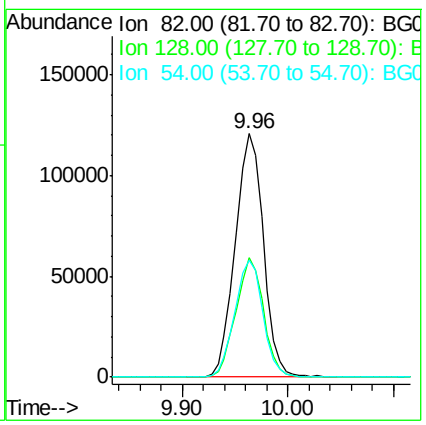


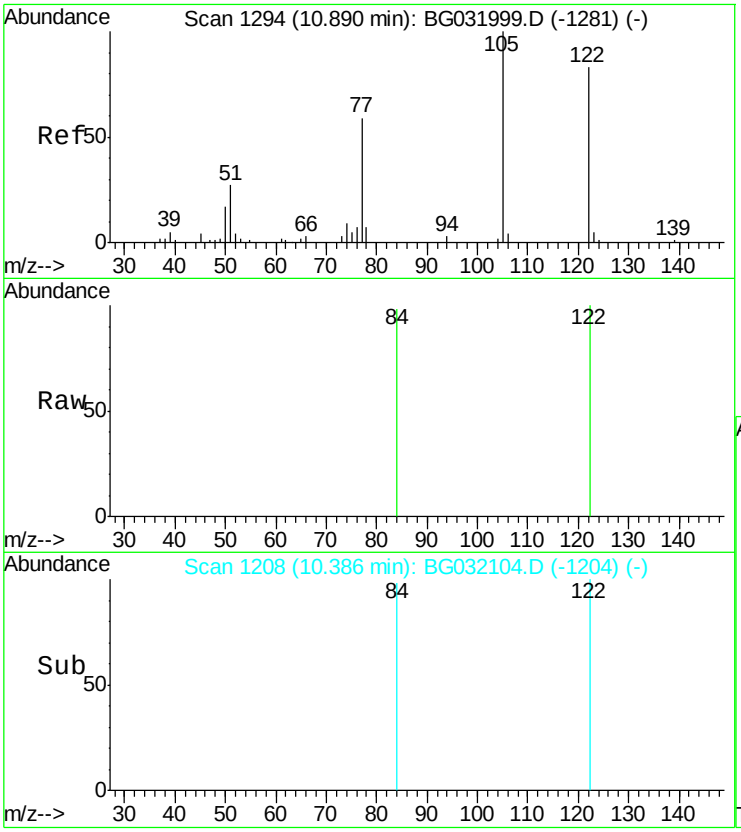


#23
Nitrobenzene-d5
Concen: 70.441 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Tgt Ion: 82 Resp: 222791

Ion	Ratio	Lower	Upper
82	100		
128	48.9	29.7	44.5#
54	47.9	43.1	64.7



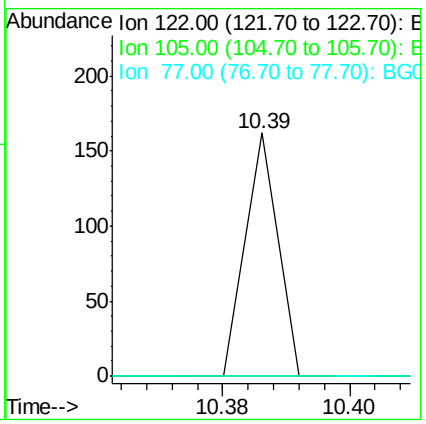


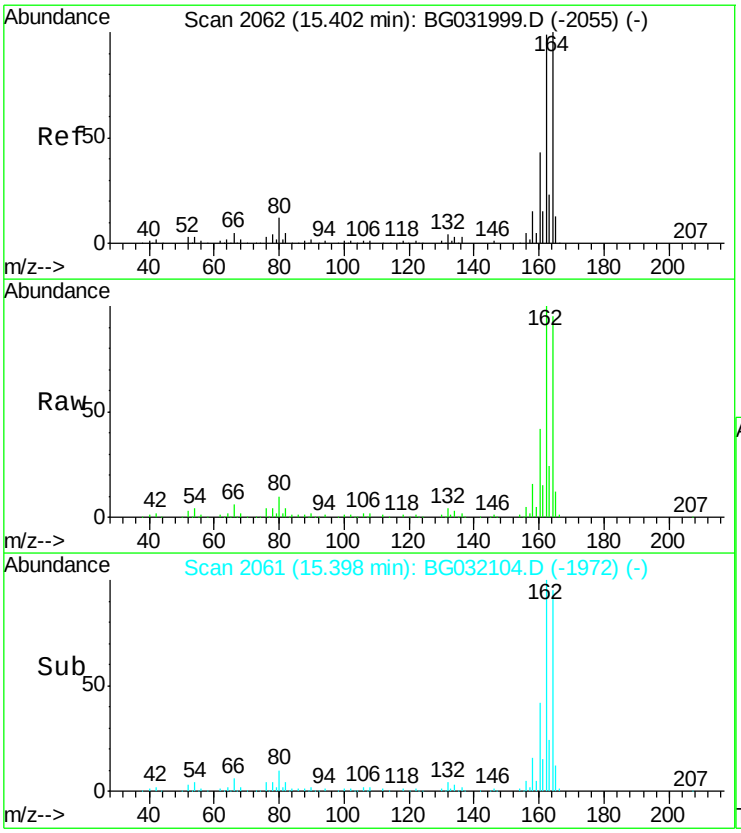
#32
Benzoic acid
Concen: 5.277 ng
RT: 10.39 min Scan# 1208
Delta R.T. -0.50 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Instrument :
BNA_G
ClientSampleId :
C-5

Tgt Ion:122 Resp: 57

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

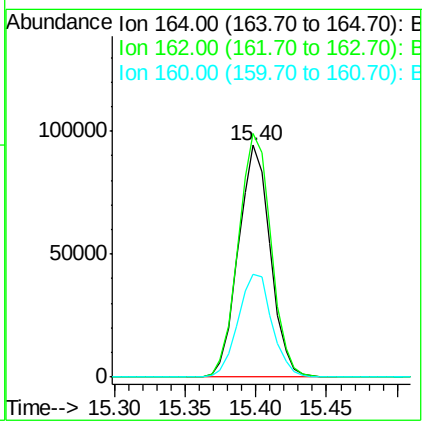


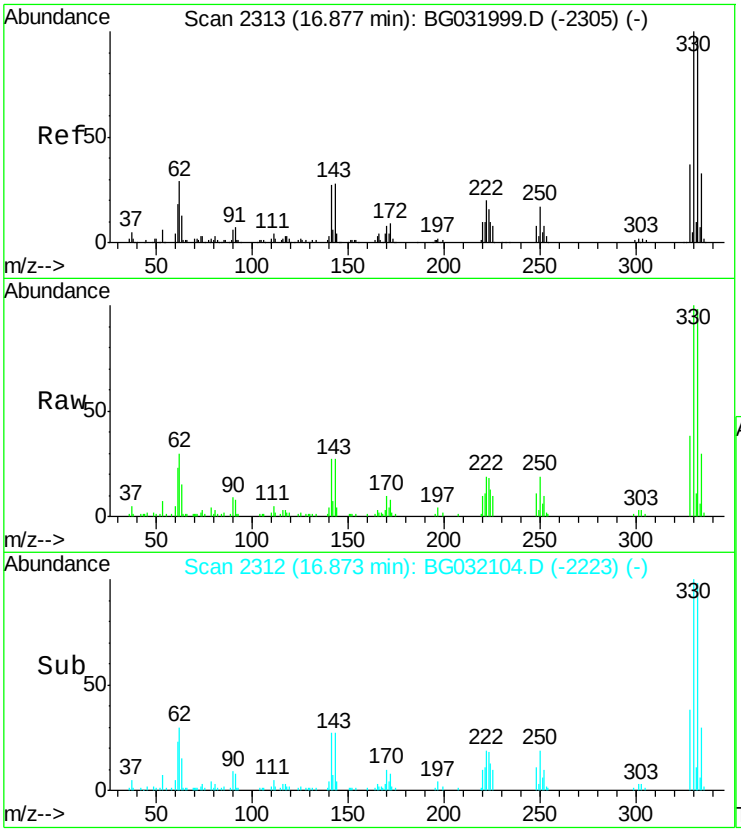


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Tgt Ion:164 Resp: 149190

Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.8	118.2
160	44.4	35.4	53.0



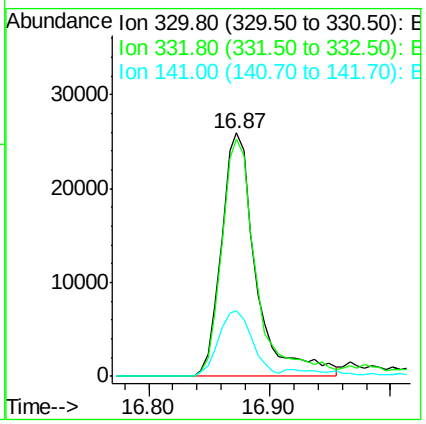


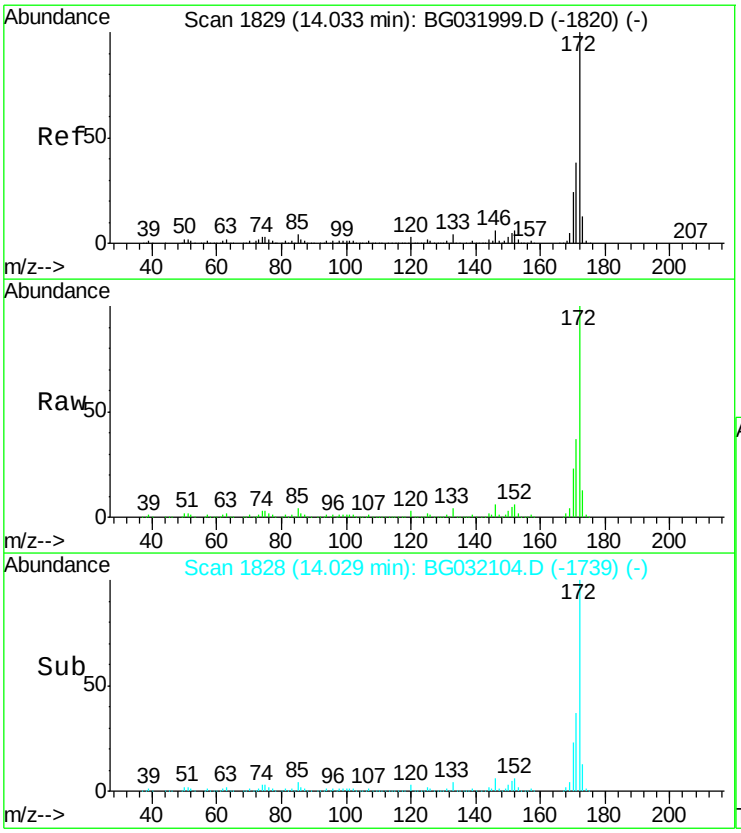
#41
2,4,6-Tribromophenol
Concen: 20.906 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Instrument :
BNA_G
ClientSampleId :
C-5

Tgt Ion:330 Resp: 51611

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	26.2	25.2	37.8

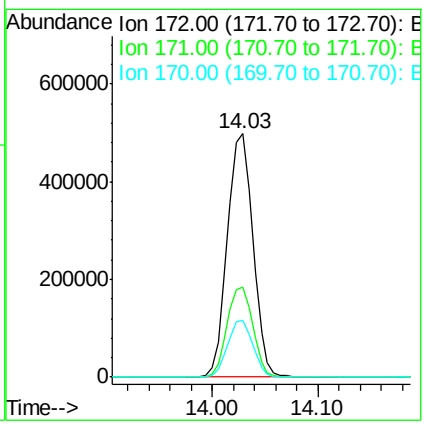


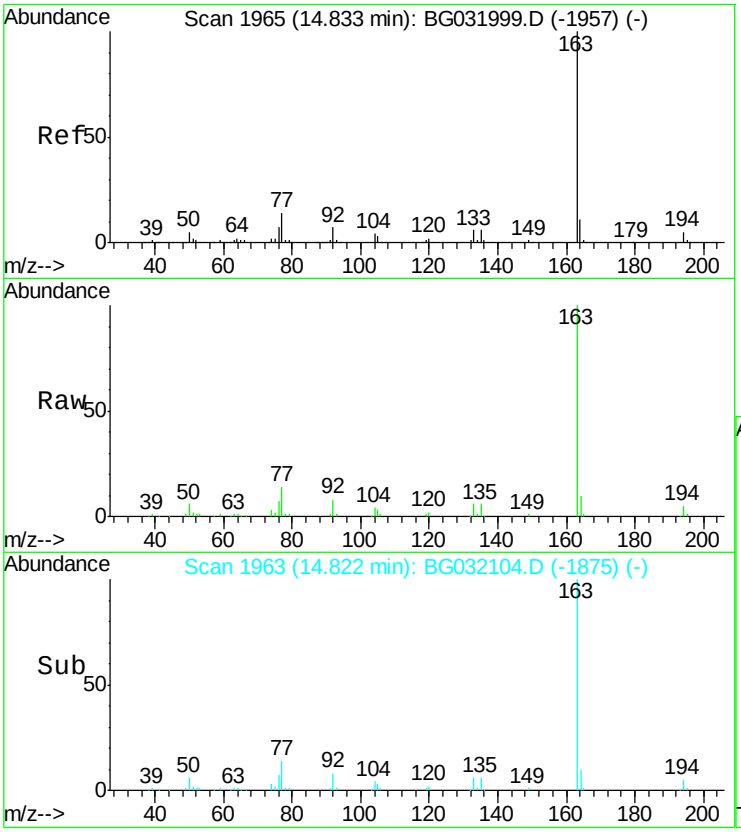


#44
2-Fluorobiphenyl
Concen: 69.250 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Tgt Ion:172 Resp: 833211

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.4	19.5	29.3



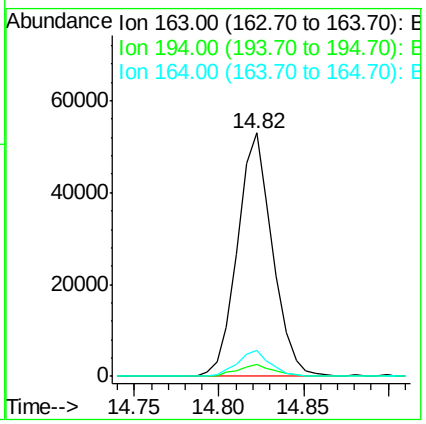


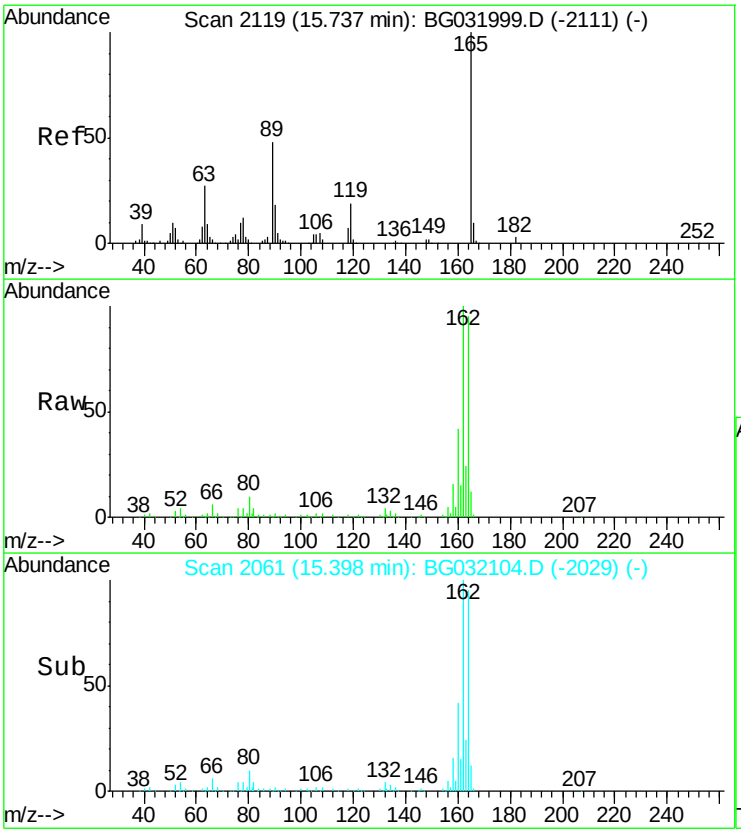
#49
Dimethylphthalate
Concen: 5.843 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Instrument :
BNA_G
ClientSampleId :
C-5

Tgt Ion:163 Resp: 76286

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	10.4	8.2	12.4

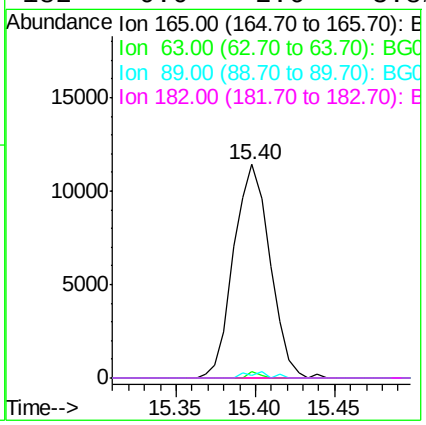


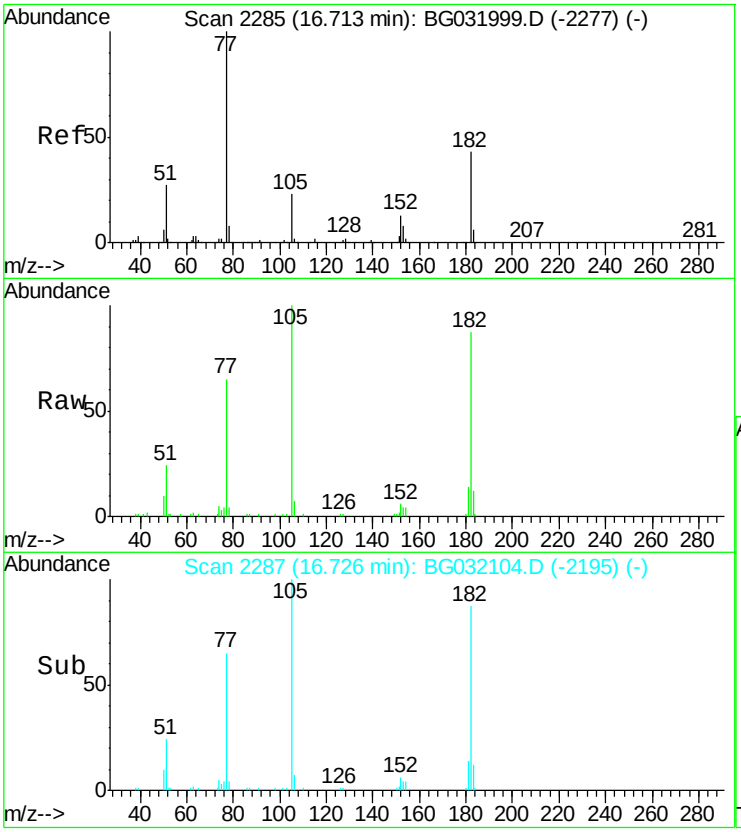


#56
2,4-Dinitrotoluene
Concen: 4.976 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.34 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Tgt Ion:165 Resp: 18155

Ion	Ratio	Lower	Upper
165	100		
63	3.1	42.0	63.0#
89	1.3	66.9	100.3#
182	0.0	2.6	3.8#



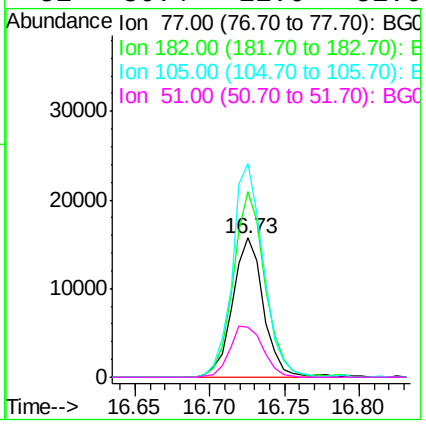


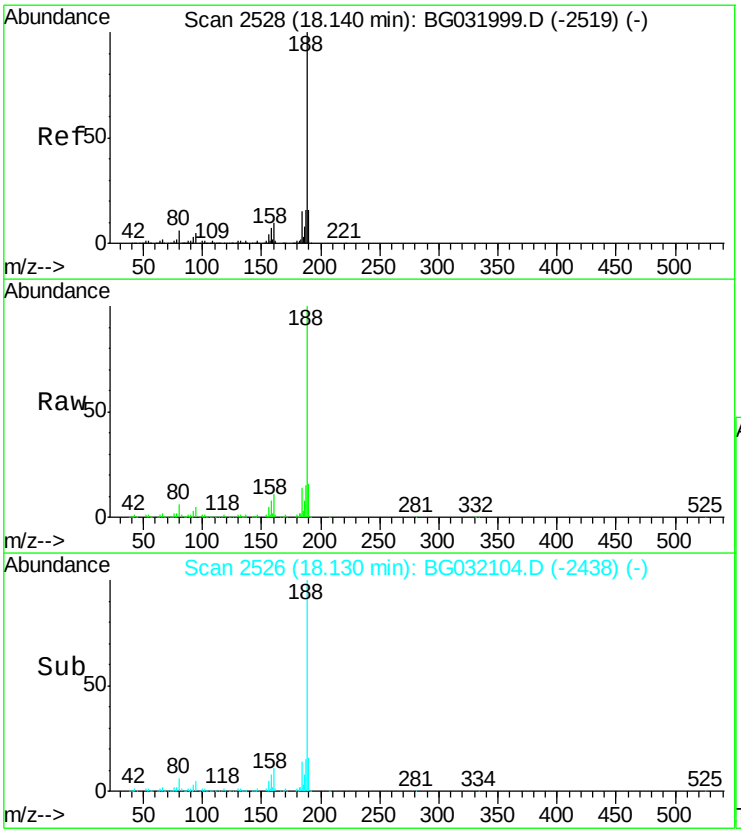
#62
Azobenzene
Concen: 2.880 ng
RT: 16.73 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Instrument :
BNA_G
ClientSampleId :
C-5

Tgt Ion: 77 Resp: 22811

Ion	Ratio	Lower	Upper
77	100		
182	133.8	7.4	47.4#
105	153.8	0.3	40.3#
51	36.4	11.6	51.6

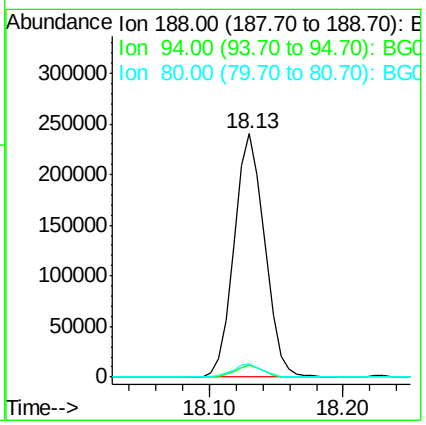


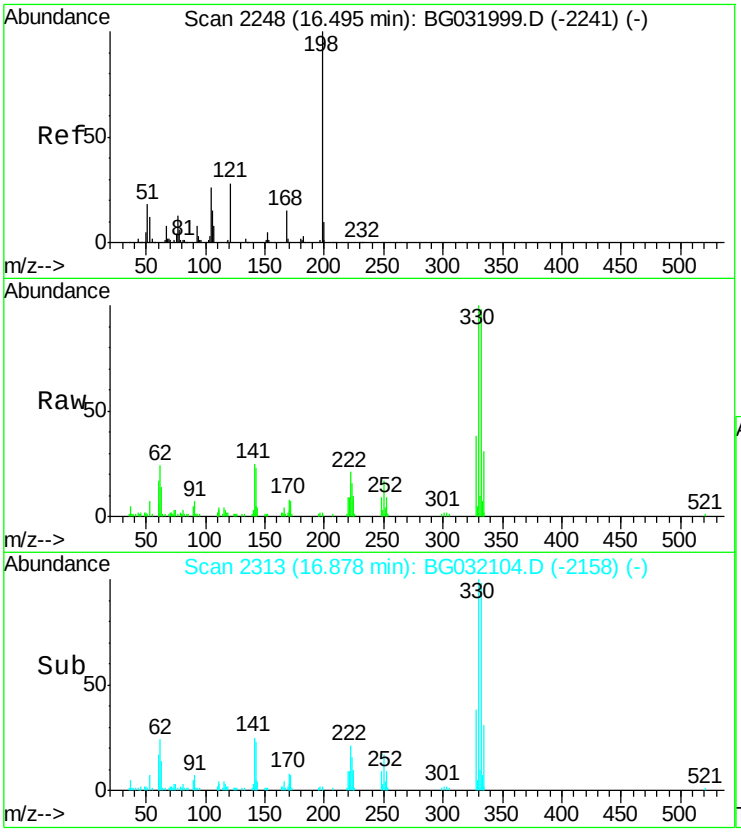


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Tgt Ion:188 Resp: 380585

Ion	Ratio	Lower	Upper
188	100		
94	4.7	6.9	10.3#
80	5.5	7.7	11.5#



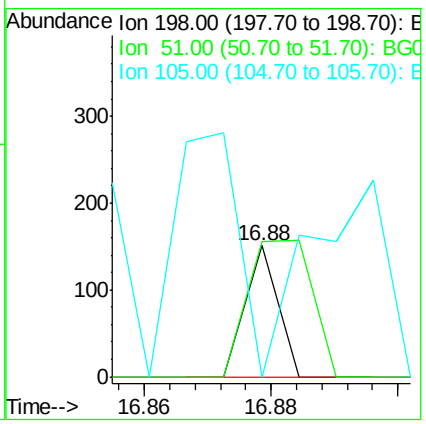


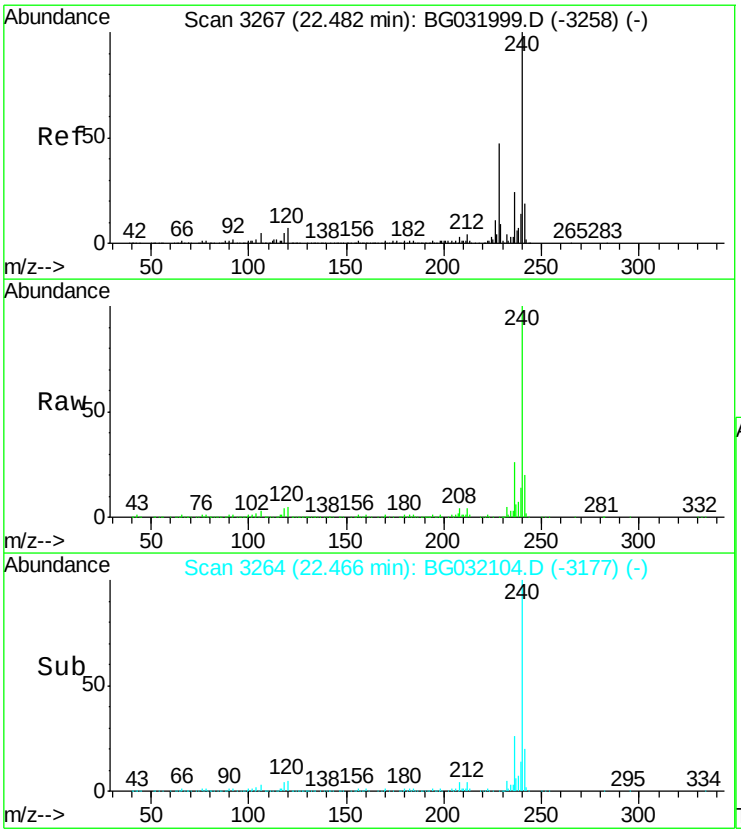
#64
4,6-Dinitro-2-methylphenol
Concen: 4.904 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.38 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Instrument :
BNA_G
ClientSampleId :
C-5

Tgt Ion:198 Resp: 53

Ion	Ratio	Lower	Upper
198	100		
51	103.3	30.6	70.6#
105	0.0	23.8	63.8#

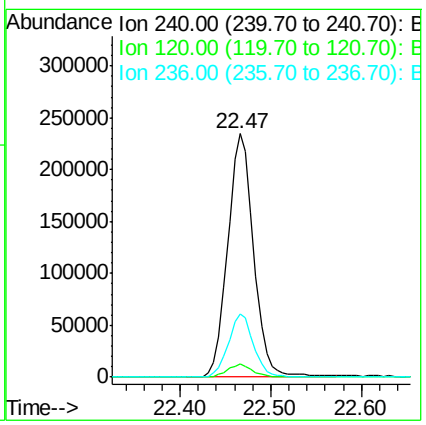


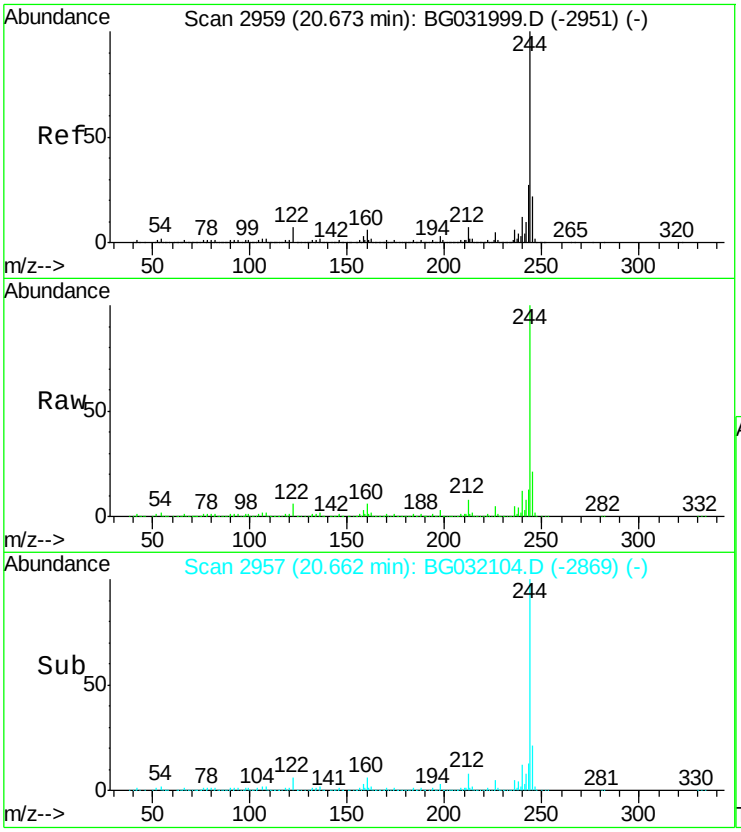


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Tgt Ion:240 Resp: 466751

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	25.7	20.9	31.3



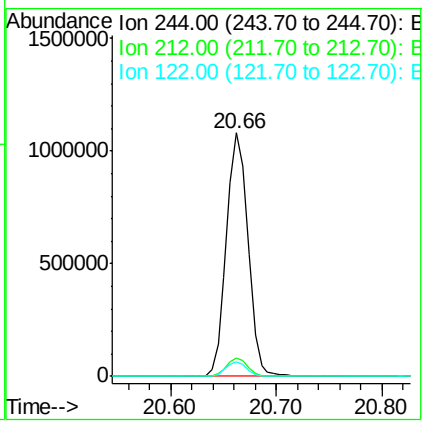


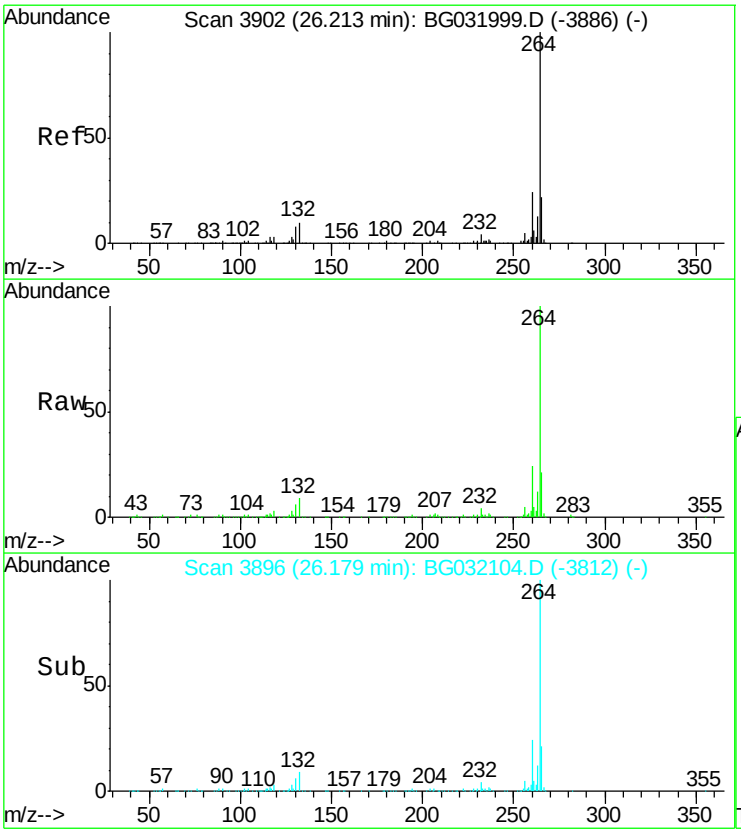
#78
Terphenyl-d14
Concen: 72.219 ng
RT: 20.66 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Instrument :
BNA_G
ClientSampleId :
C-5

Tgt Ion:244 Resp: 1526612

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	5.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.18 min Scan# 3896
Delta R.T. -0.03 min
Lab File: BG032104.D
Acq: 17 Jan 2018 12:57

Tgt Ion:264 Resp: 479384

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.3	17.7	26.5