Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
Data File : BG033162.D
Acq On : 15 Mar 2018 2:37
Operator : SJ/JU
Sample : J1794-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 15 04:44:36 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	41103	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	175137	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	103536	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	263505	20.00	ng		0.00
75) Chrysene-d12	22.60	240	250572	20.00	ng		0.00
86) Perylene-d12	26.41	264	266296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	345985	134.67	ng		0.00
7) Phenol-d6	8.01	99	416675	116.35	ng		0.00
23) Nitrobenzene-d5	10.10	82	319370	121.70	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	249419	229.11	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	700479	97.58	ng		0.00
78) Terphenyl-d14	20.77	244	1300724	116.63	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	10.10	70	43385	17.161	ng	#	83
24) Nitrobenzene	10.11	77	793	6.627	ng	#	32
27) 2,4-Dimethylphenol	10.99	122	14249	5.336	ng	#	1
32) Benzoic acid	10.99	122	14249	15.449	ng	#	82
47) 2-Nitroaniline	14.15	65	1163	10.378	ng	#	1
50) 2,6-Dinitrotoluene	15.52	165	13414	16.408	ng	#	20
55) 4-Nitrophenol	15.90	139	798	7.586	ng	#	1
56) 2,4-Dinitrotoluene	15.52	165	13414	14.606	ng	#	18
64) 4,6-Dinitro-2-methylphenol	16.99	198	651	5.997	ng	#	1
66) 4-Bromophenyl-phenylether	16.99	248	16073	5.769	ng	#	1
76) Benzidine	20.40	184	32040	3.751	ng		98

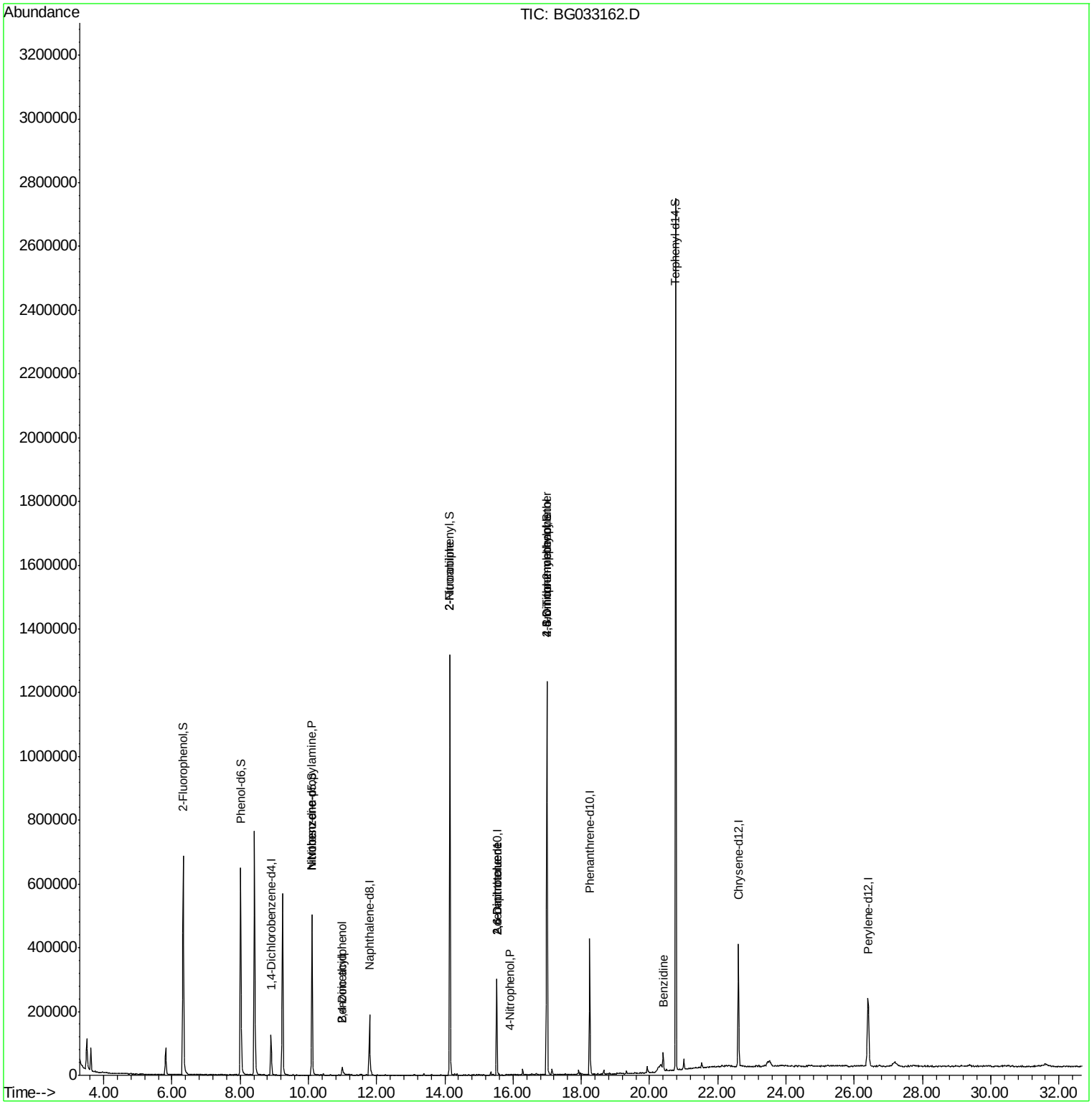
(#) = qualifier out of range (m) = manual integration (+) = signals summed

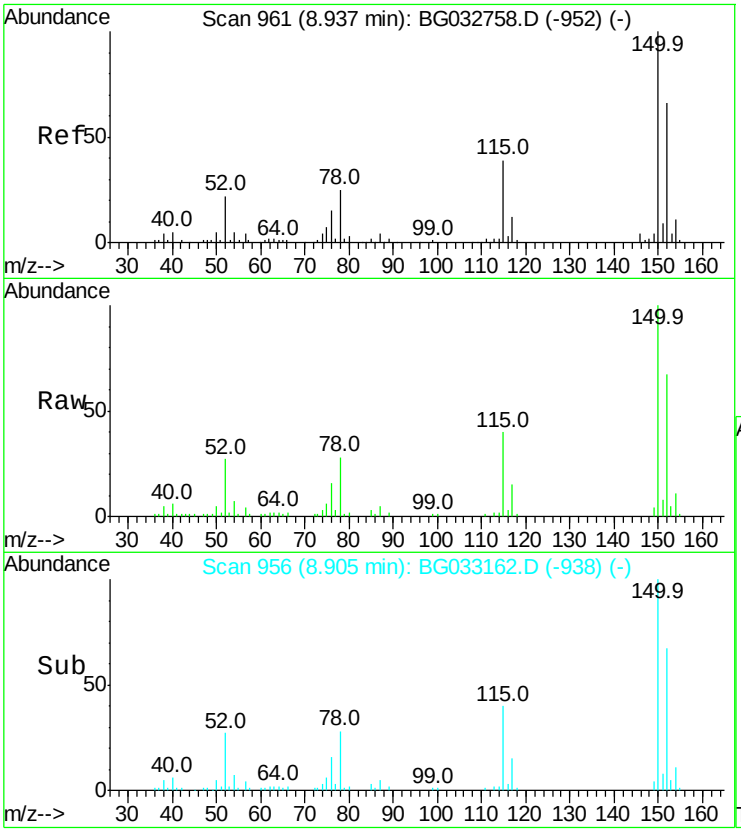
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
Data File : BG033162.D
Acq On : 15 Mar 2018 2:37
Operator : SJ/JU
Sample : J1794-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 15 04:44:36 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration



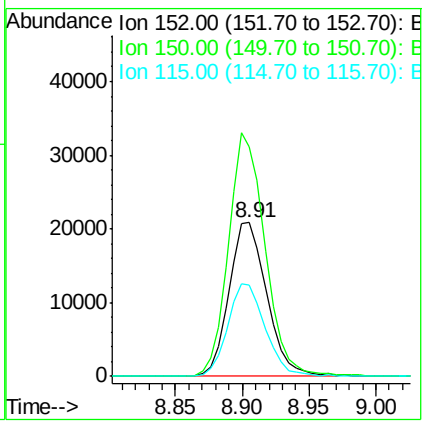


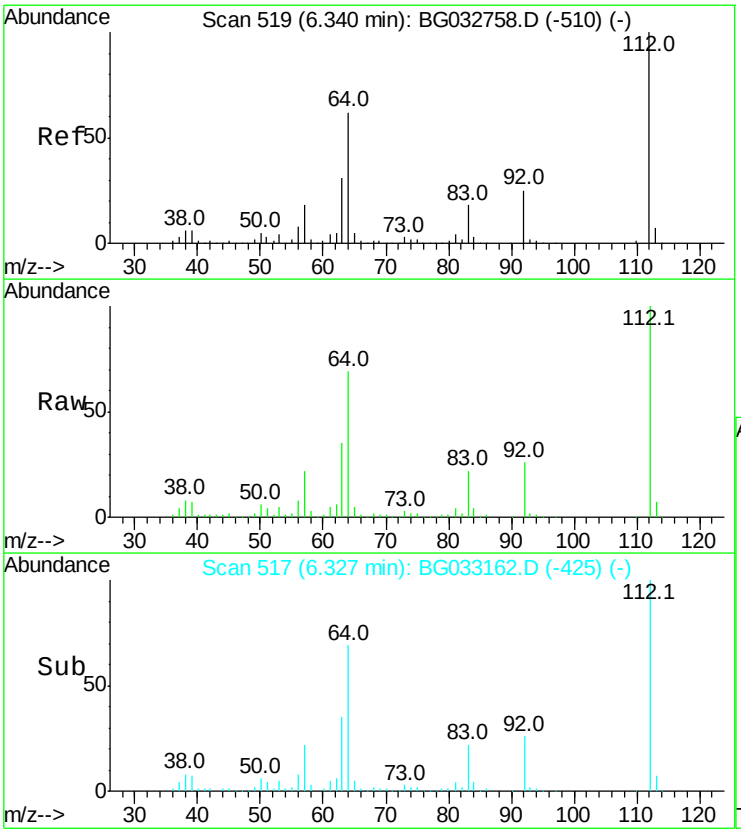
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 956
Delta R.T. 0.01 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 41103

Ion	Ratio	Lower	Upper
152	100		
150	149.7	126.6	189.8
115	59.3	53.0	79.4

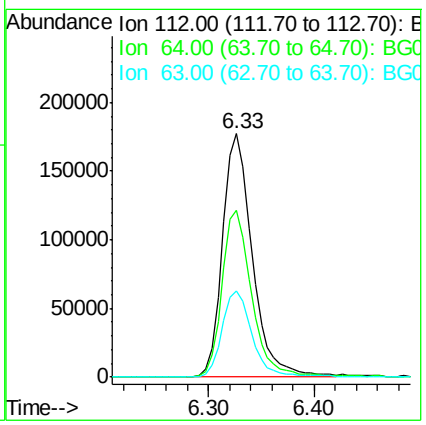


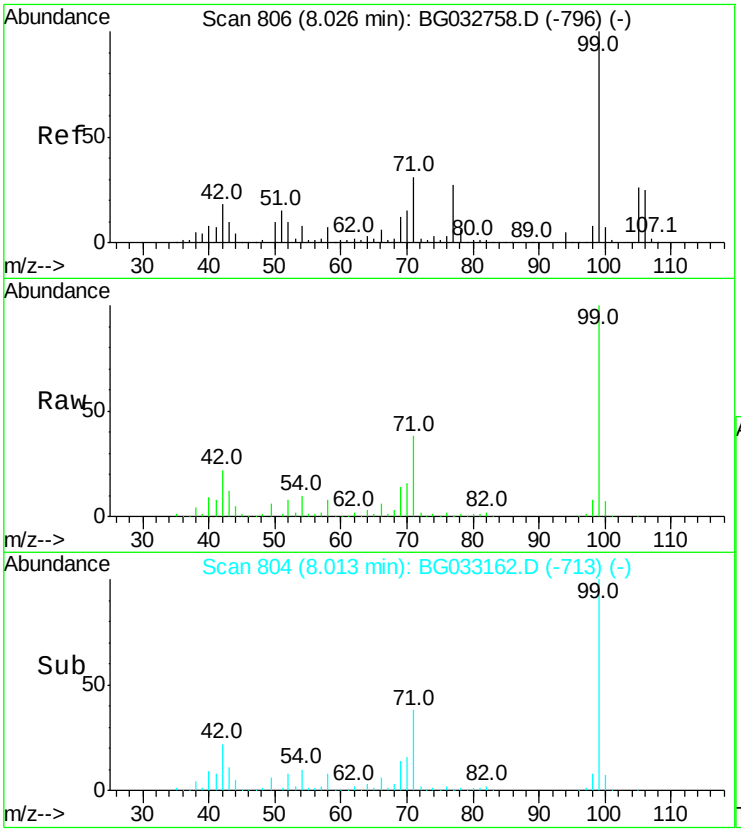


#5
2-Fluorophenol
Concen: 134.668 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.01 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion:112 Resp: 345985

Ion	Ratio	Lower	Upper
112	100		
64	68.6	56.3	84.5
63	35.4	30.1	45.1



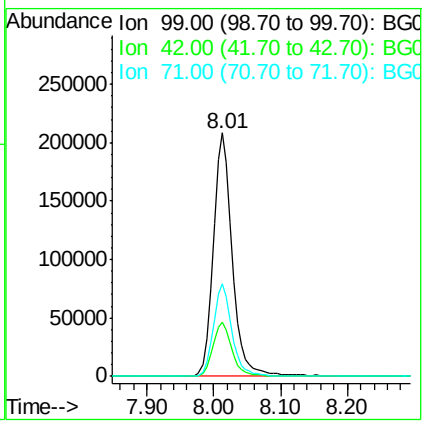


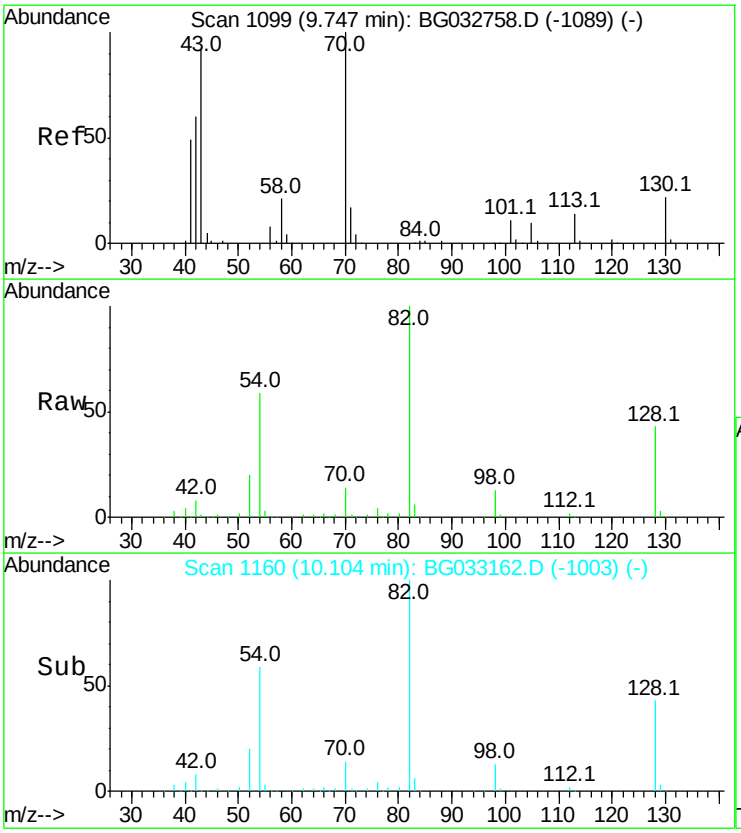
#7
Phenol-d6
Concen: 116.355 ng
RT: 8.01 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 416675

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.1	21.1#
71	38.0	26.1	39.1

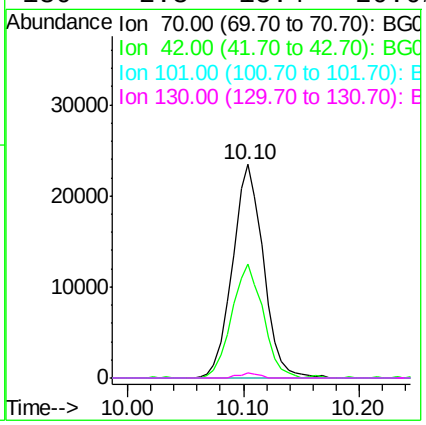


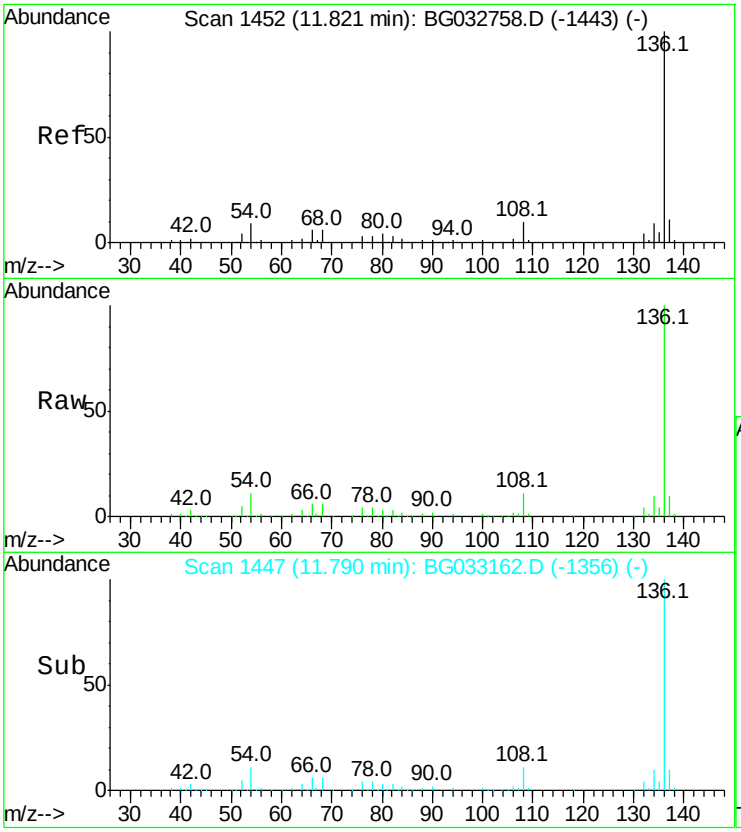


#19
n-Nitroso-di-n-propylamine
Concen: 17.161 ng
RT: 10.10 min Scan# 1160
Delta R.T. 0.39 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion: 70 Resp: 43385

Ion	Ratio	Lower	Upper
70	100		
42	53.6	49.1	73.7
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#



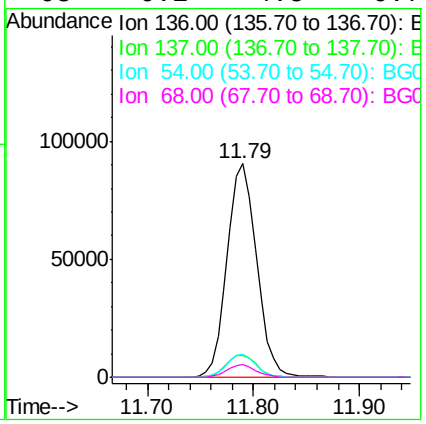


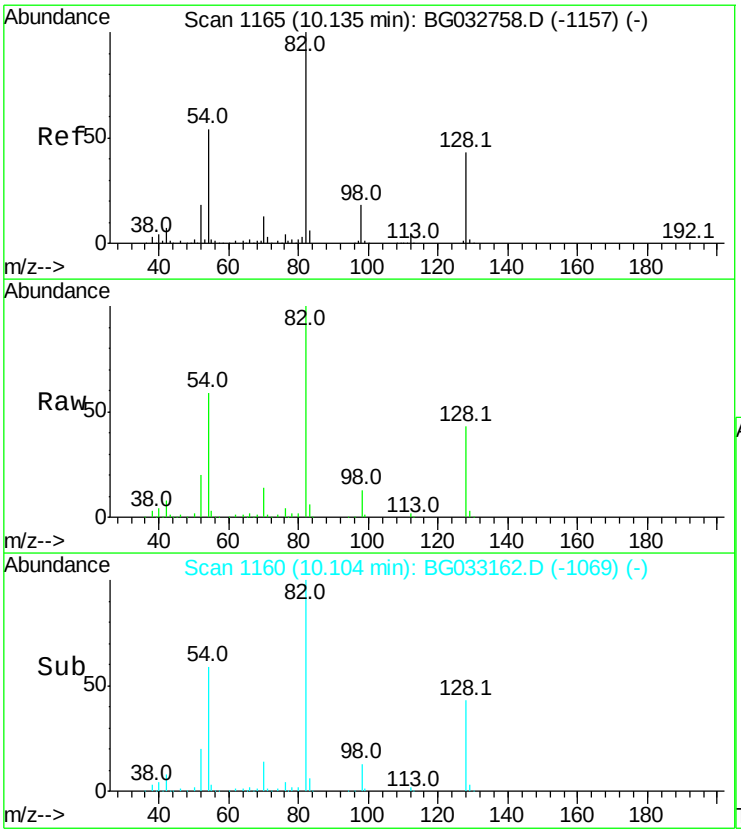
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 175137

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	10.8	10.3	15.5
68	6.2	4.5	6.7

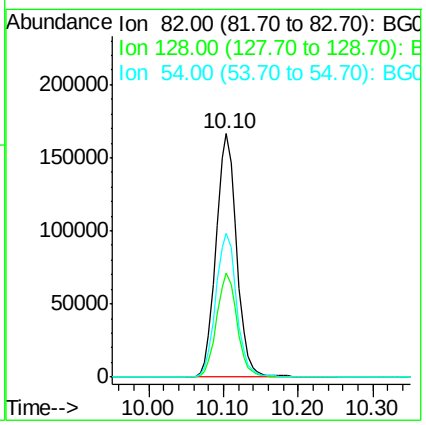


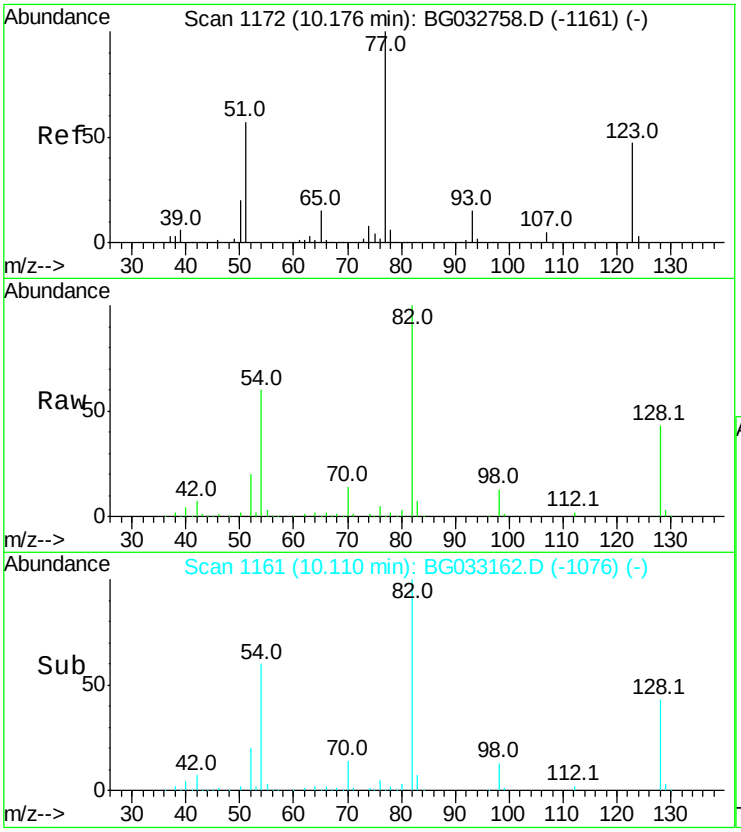


#23
Nitrobenzene-d5
Concen: 121.700 ng
RT: 10.10 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion: 82 Resp: 319370

Ion	Ratio	Lower	Upper
82	100		
128	42.9	29.7	44.5
54	58.9	43.1	64.7



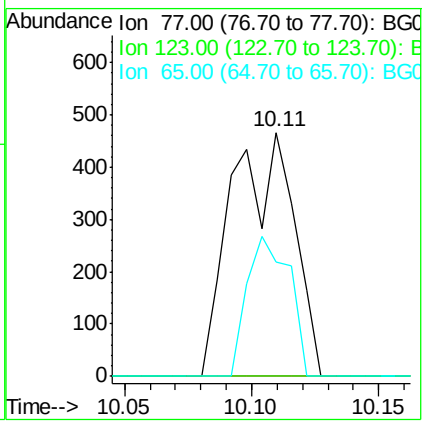


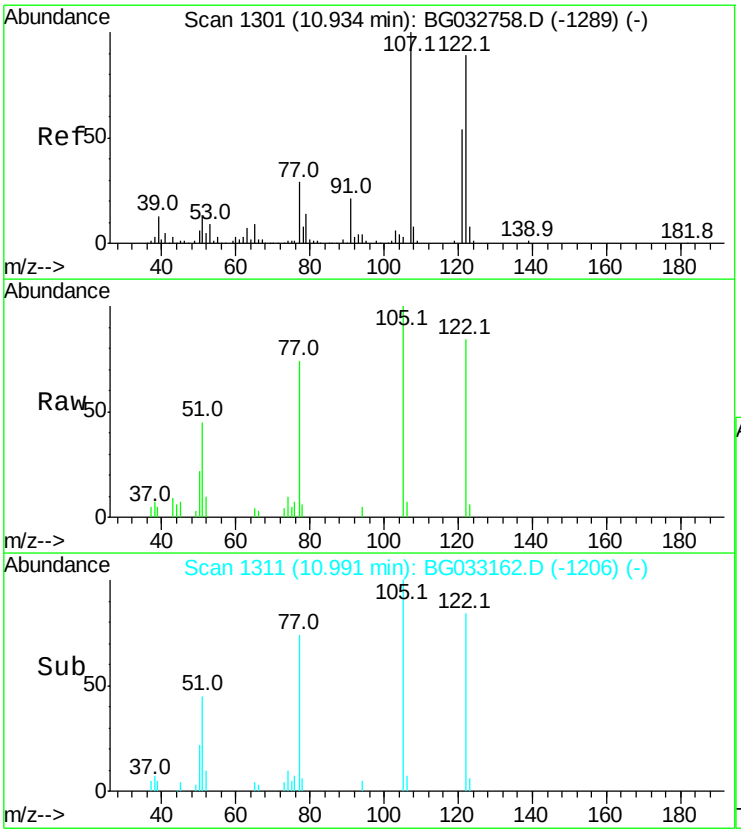
#24
Nitrobenzene
Concen: 6.627 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 793

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	47.0	13.0	19.6#

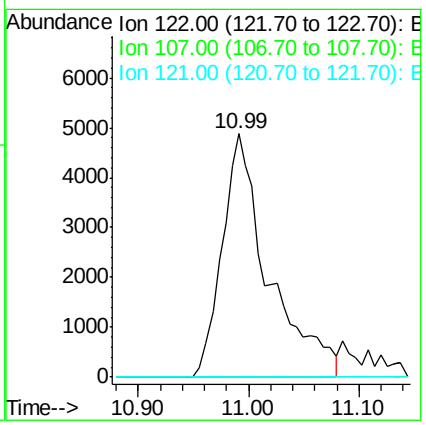


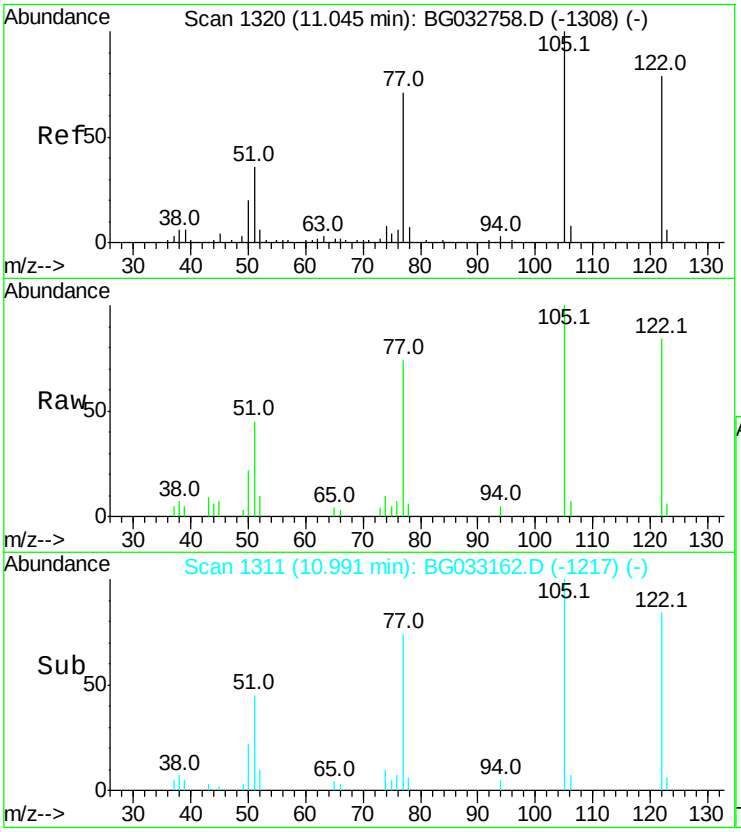


#27
2,4-Dimethylphenol
Concen: 5.336 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.08 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion:122 Resp: 14249

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#



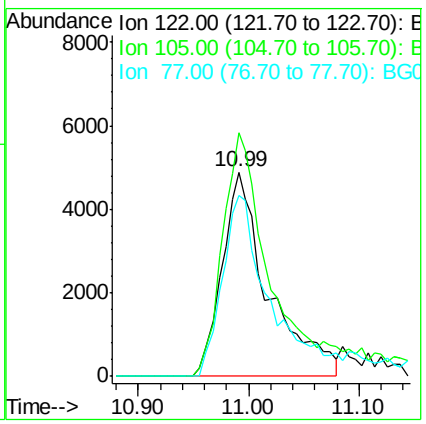


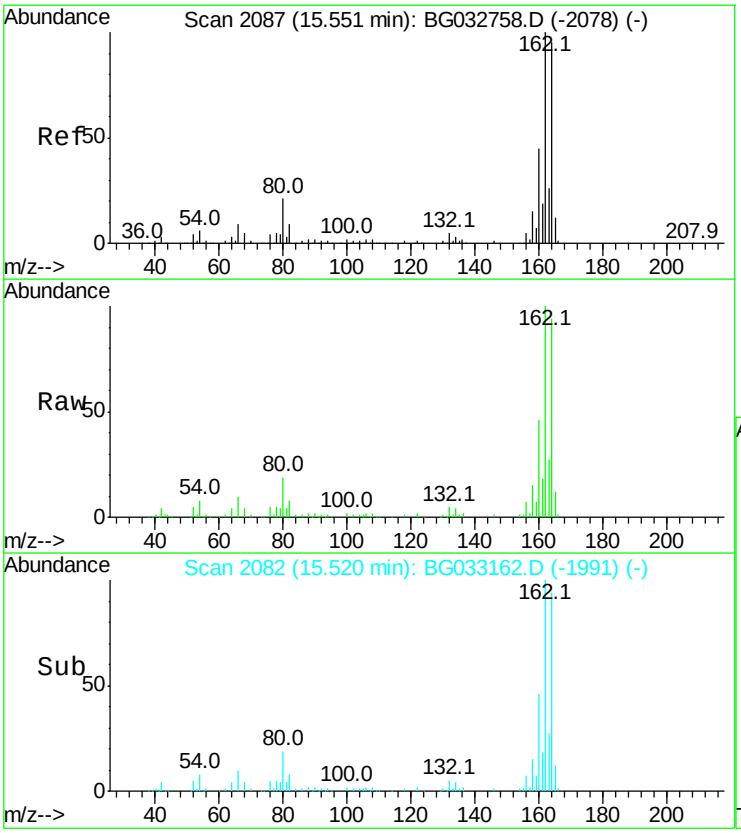
#32
Benzoic acid
Concen: 15.449 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.02 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 14249

Ion	Ratio	Lower	Upper
122	100		
105	119.4	123.5	163.5#
77	88.8	85.7	125.7

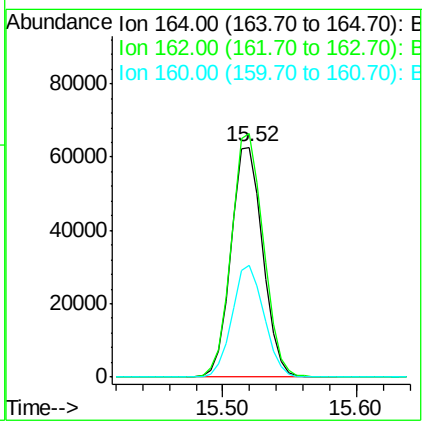


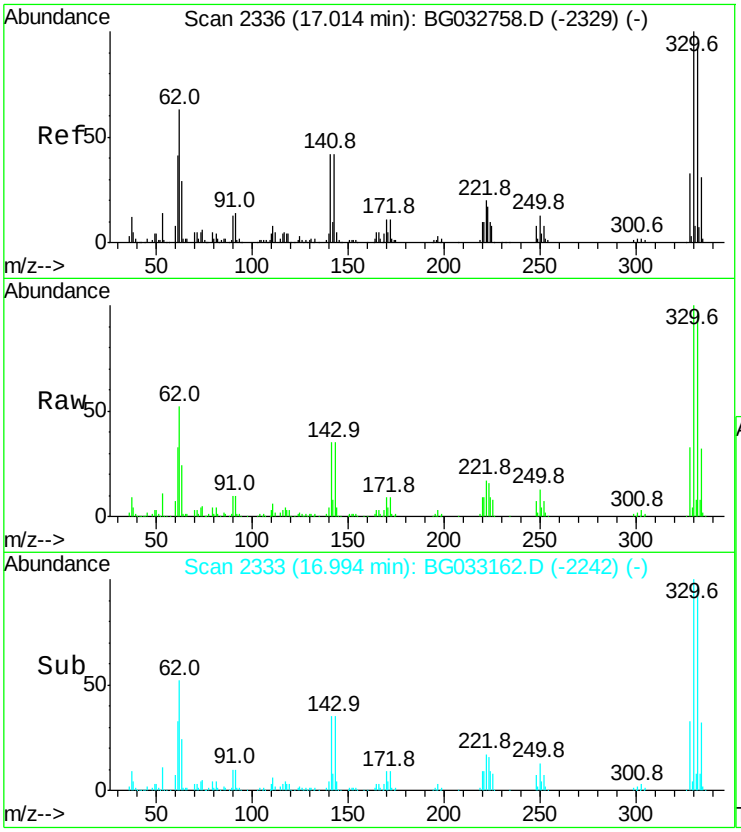


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion:164 Resp: 103536

Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.8	118.2
160	48.7	35.4	53.0



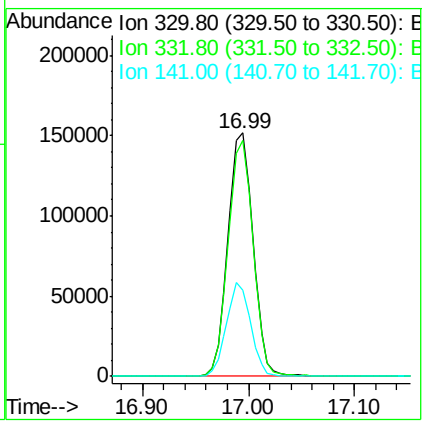


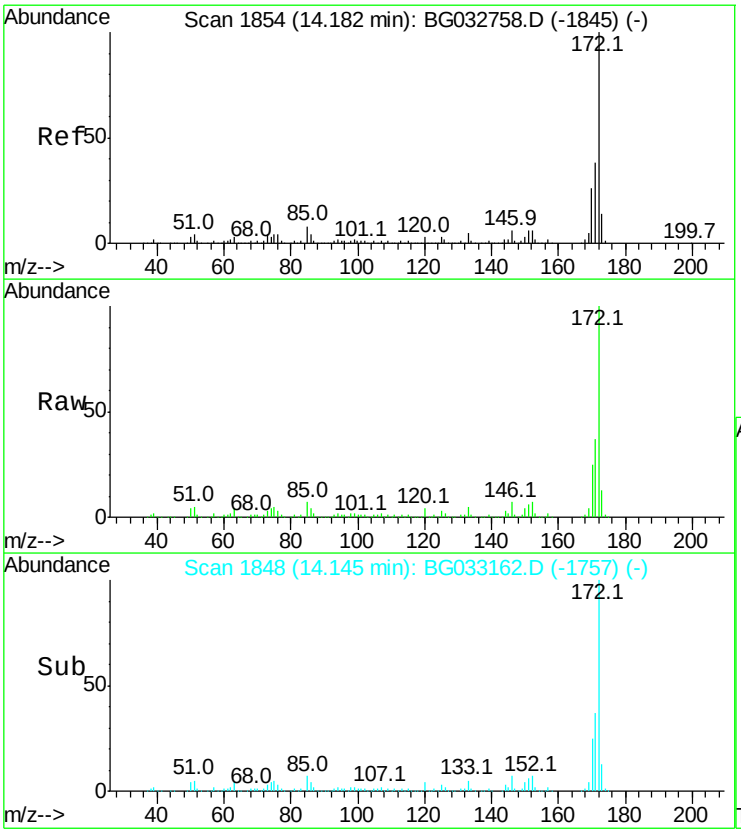
#41
2,4,6-Tribromophenol
Concen: 229.109 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 249419

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.4	25.2	37.8

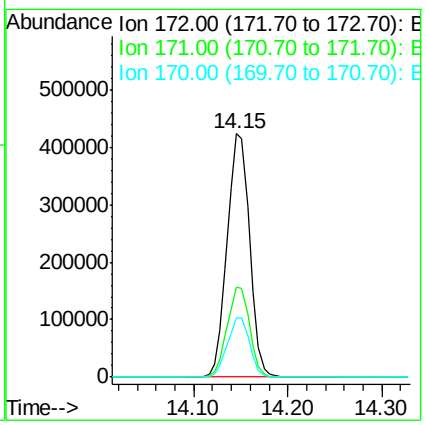


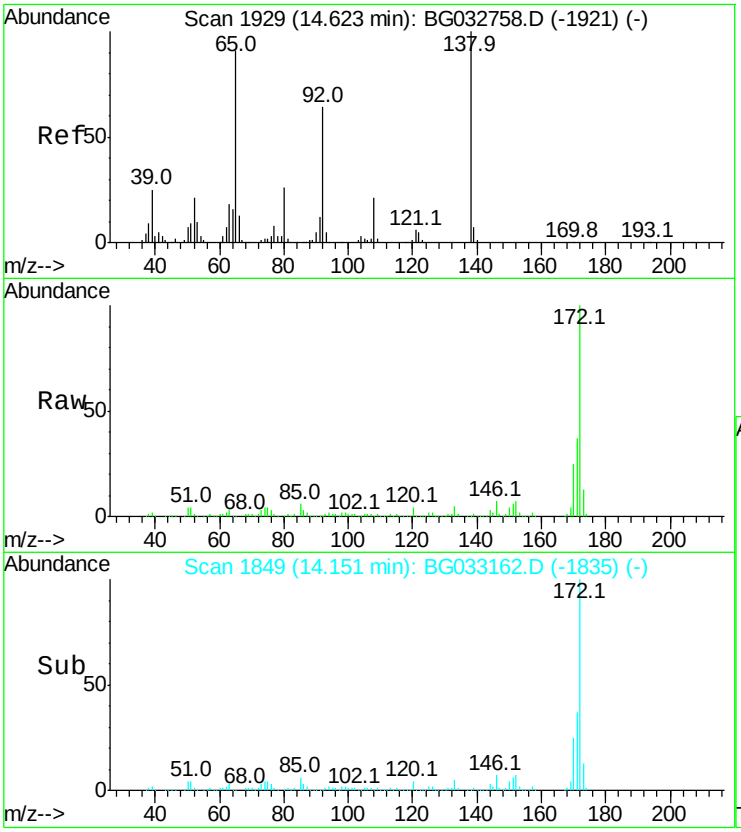


#44
2-Fluorobiphenyl
Concen: 97.576 ng
RT: 14.15 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion:172 Resp: 700479

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.6	19.5	29.3



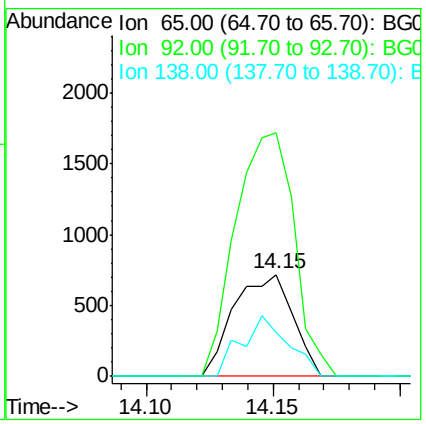


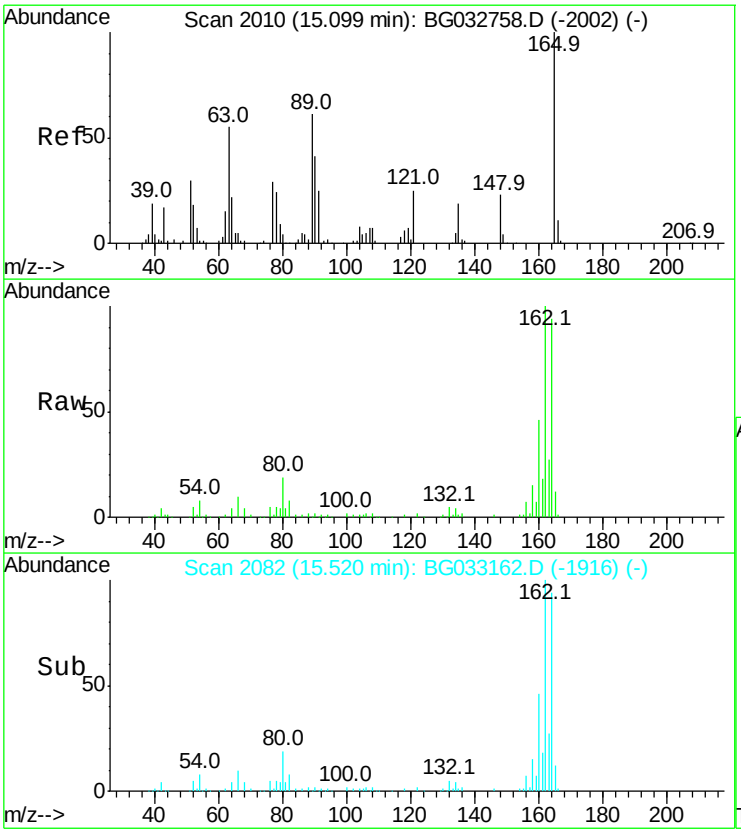
#47
2-Nitroaniline
Concen: 10.378 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.45 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1163

Ion	Ratio	Lower	Upper
65	100		
92	239.3	54.6	82.0#
138	42.8	72.9	109.3#

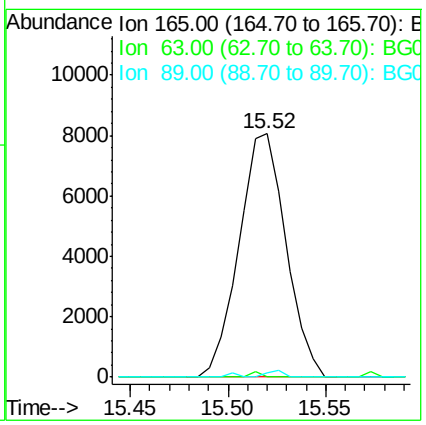


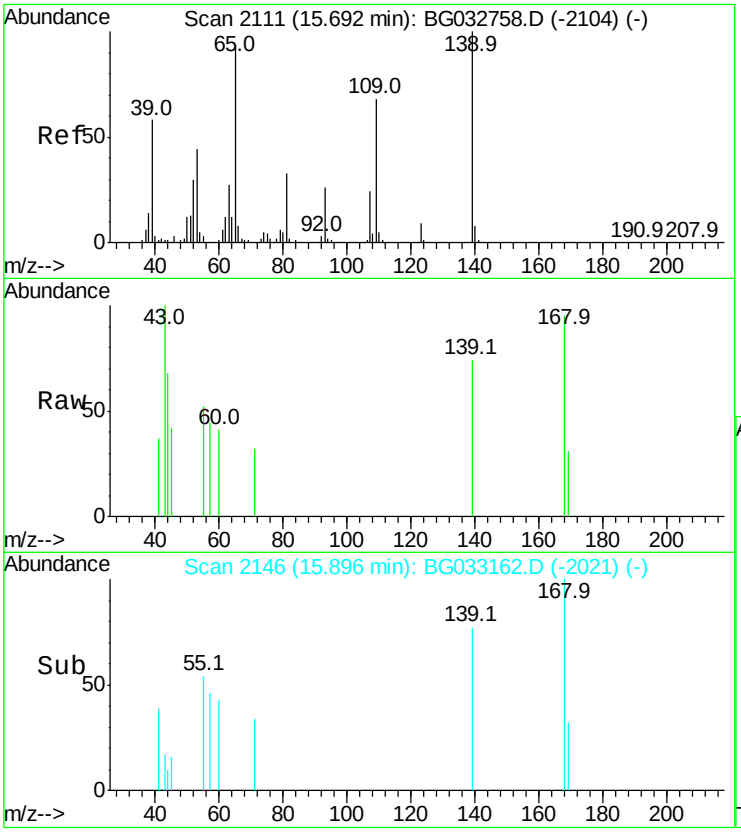


#50
2,6-Dinitrotoluene
Concen: 16.408 ng
RT: 15.52 min Scan# 2082
Delta R.T. 0.44 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion:165 Resp: 13414

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.9	49.2	73.8#



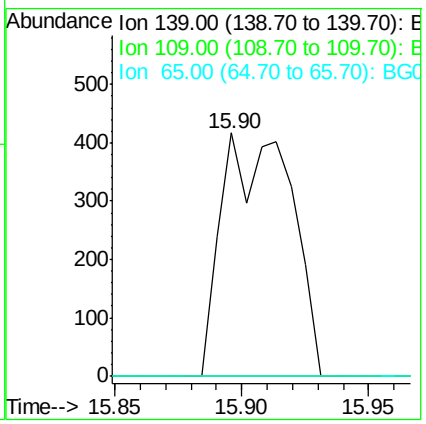


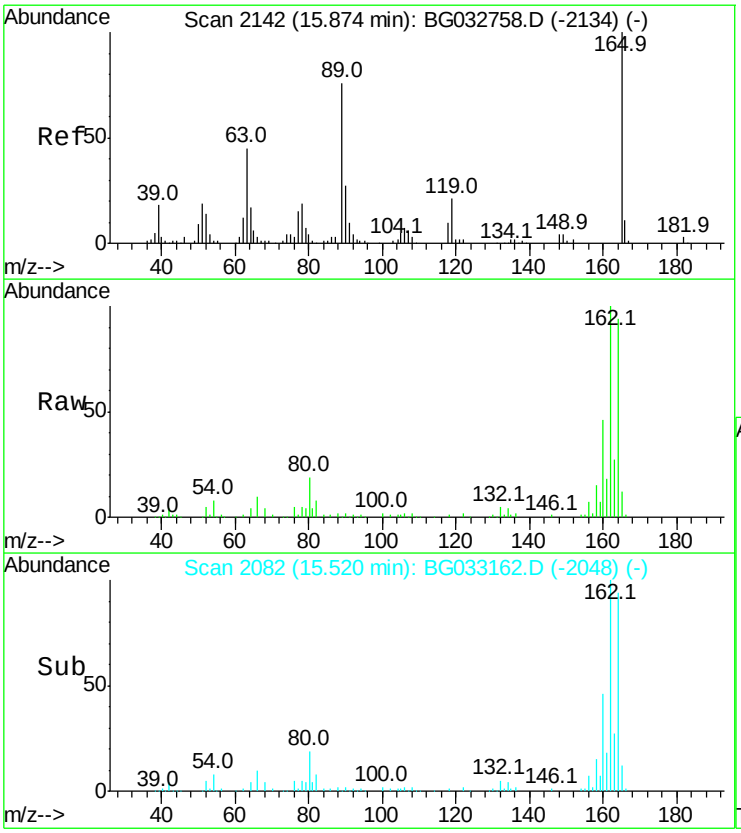
#55
4-Nitrophenol
Concen: 7.586 ng
RT: 15.90 min Scan# 2146
Delta R.T. 0.20 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 798

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

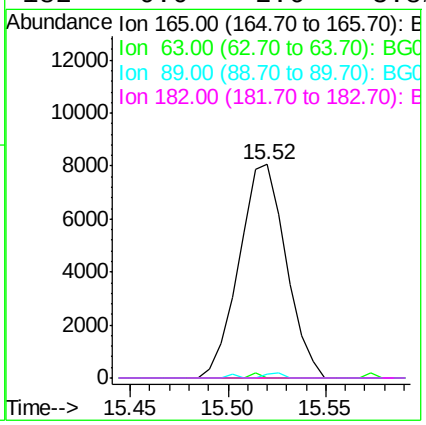


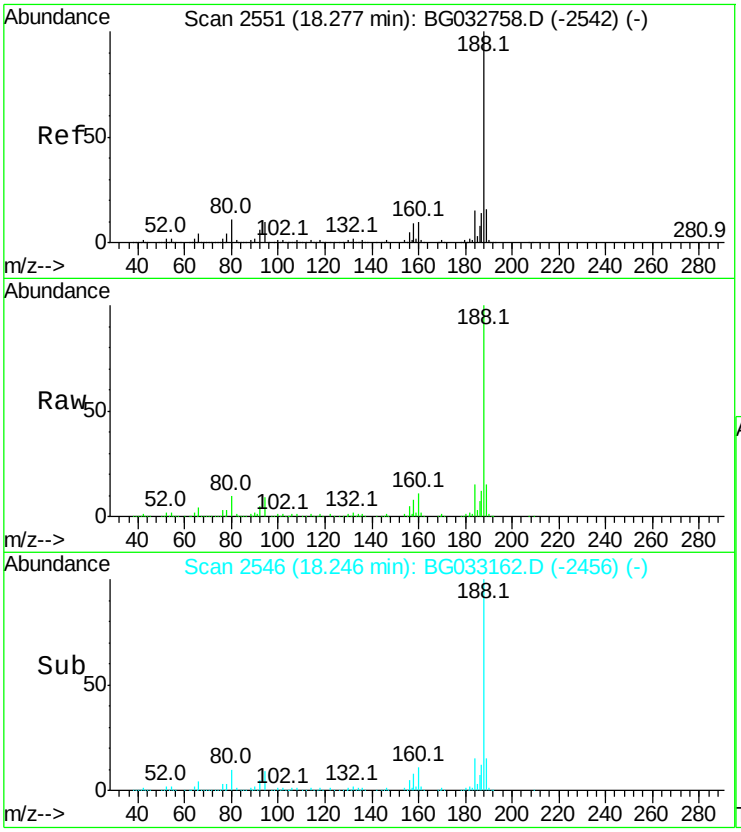


#56
2,4-Dinitrotoluene
Concen: 14.606 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.33 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion:165 Resp: 13414

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#



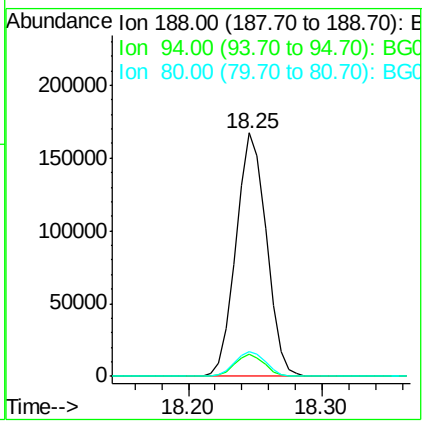


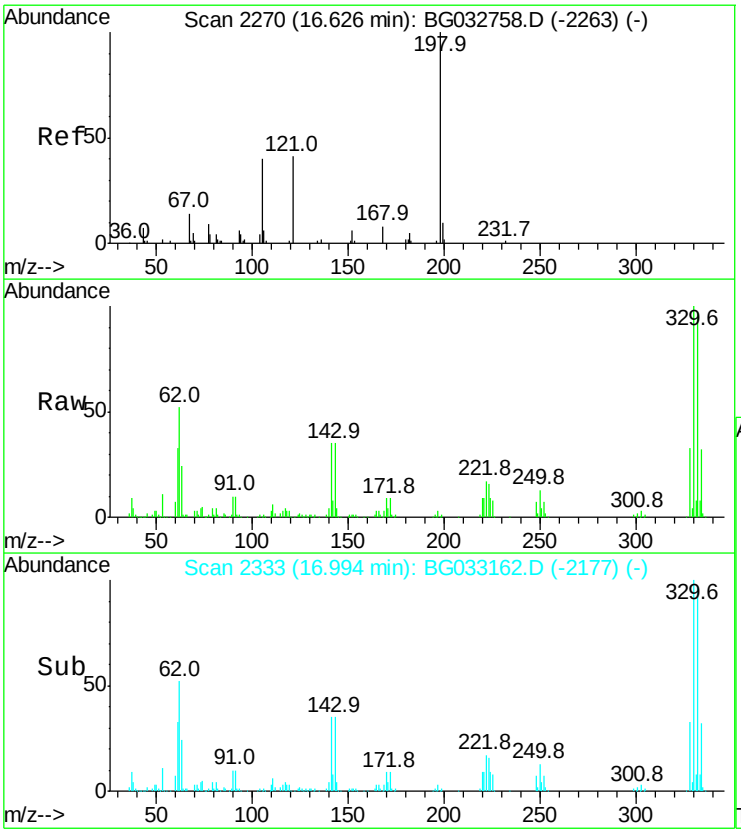
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 263505

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	10.0	7.7	11.5

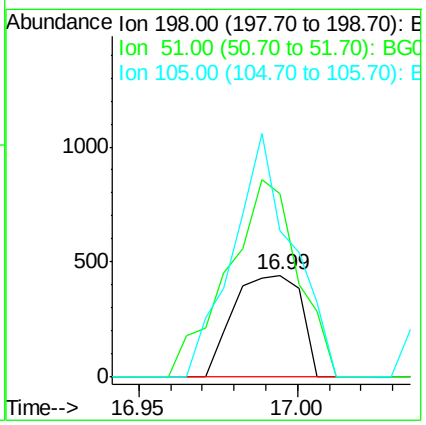


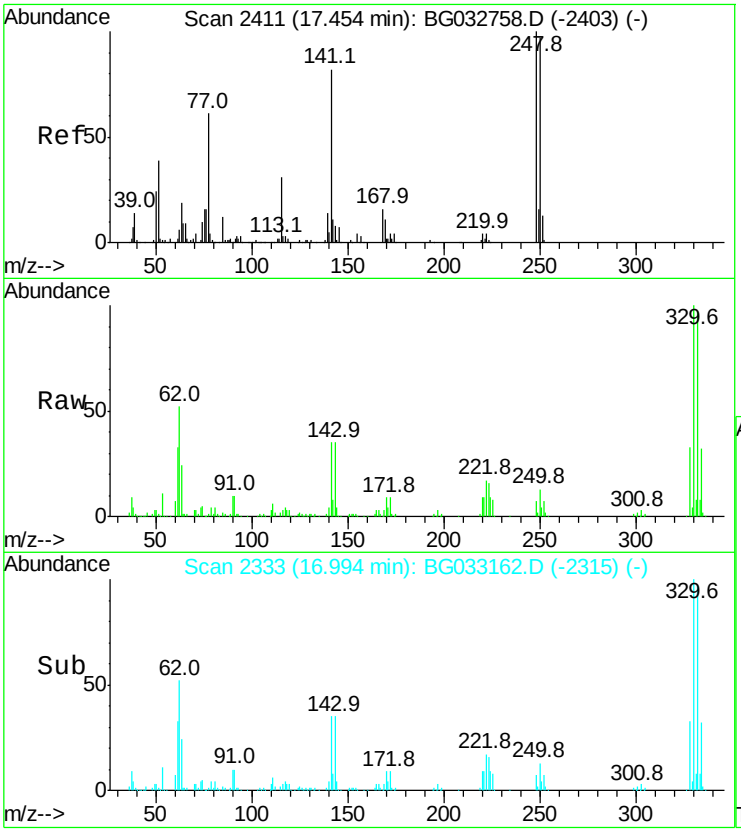


#64
4,6-Dinitro-2-methylphenol
Concen: 5.997 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.38 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion:198 Resp: 651

Ion	Ratio	Lower	Upper
198	100		
51	181.0	30.6	70.6#
105	143.5	23.8	63.8#



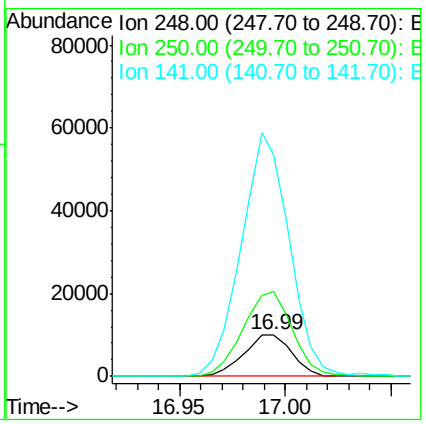


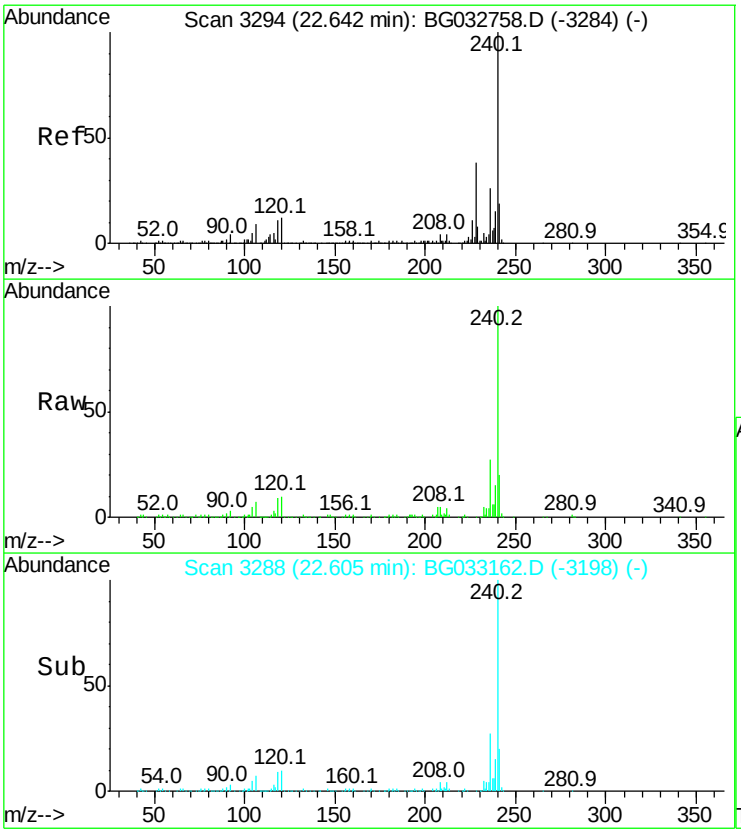
#66
4-Bromophenyl-phenylether
Concen: 5.769 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16073

Ion	Ratio	Lower	Upper
248	100		
250	201.6	77.1	115.7#
141	529.7	50.8	76.2#

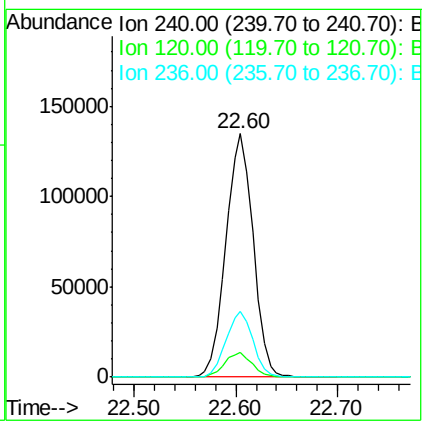


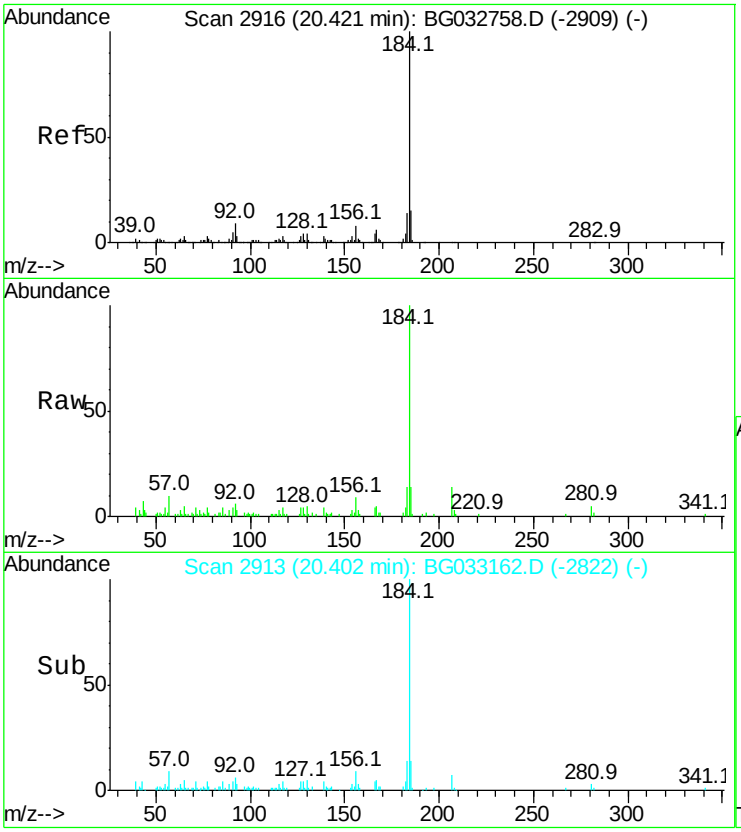


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion:240 Resp: 250572

Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.8	10.2#
236	26.8	20.9	31.3



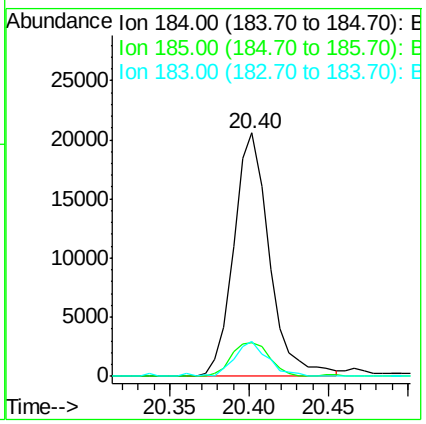


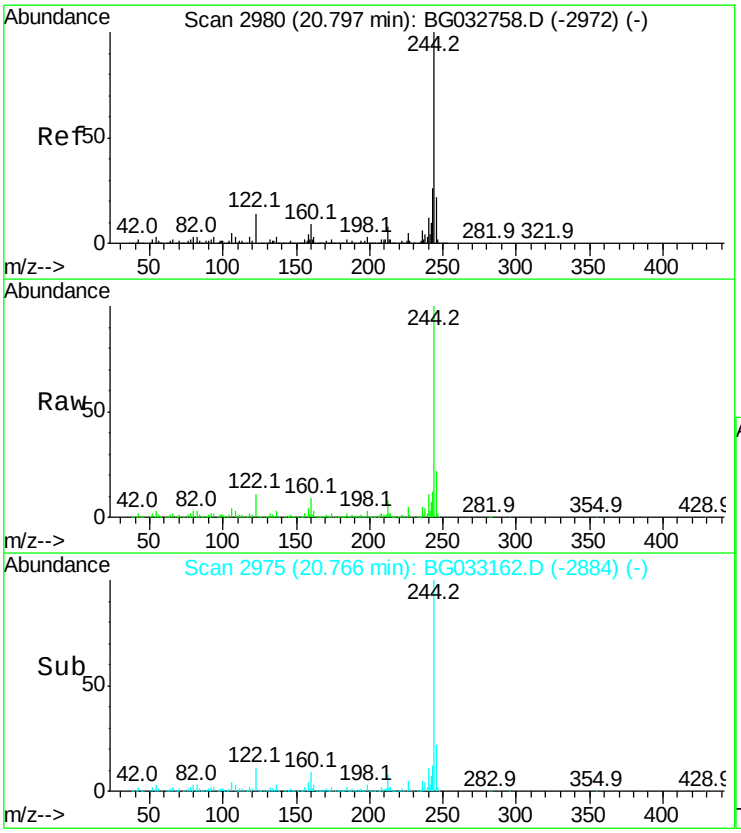
#76
Benzidine
Concen: 3.751 ng
RT: 20.40 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 32040

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.1	16.7
183	14.4	10.6	16.0

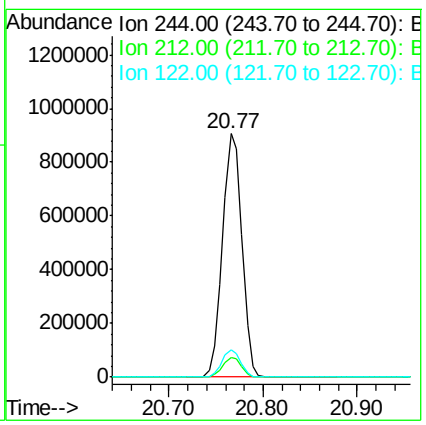


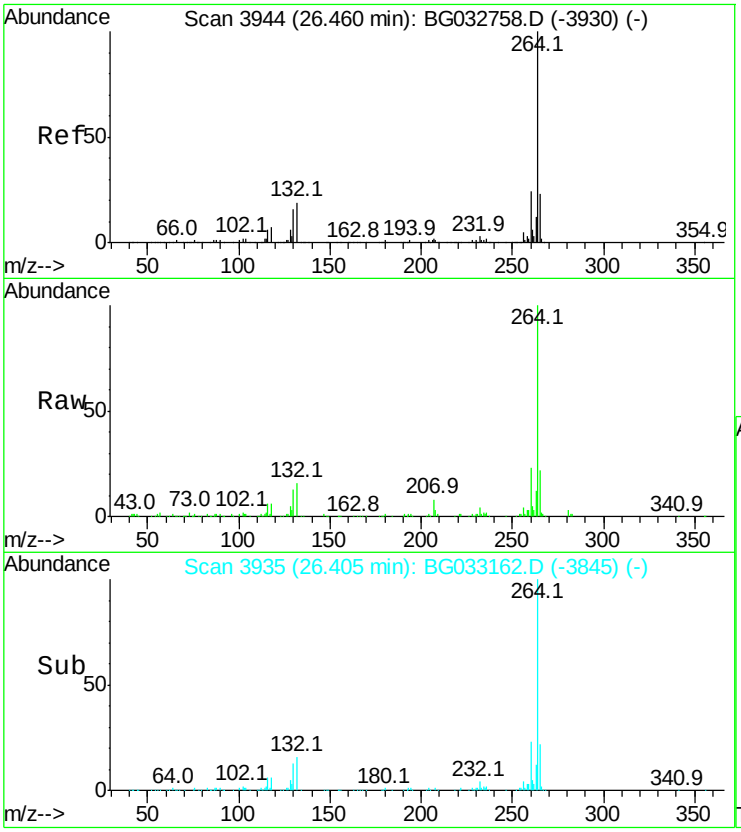


#78
Terphenyl-d14
Concen: 116.628 ng
RT: 20.77 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion:244 Resp: 1300724

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	11.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 266296

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.1	17.7	26.5