Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032945.D
Acq On : 2 Mar 2018 9:56
Operator : SJ/JU
Sample : J1733-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 02 10:58:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	61804	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	267073	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	150534	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	329946	20.00	ng	0.00
75) Chrysene-d12	22.62	240	291868	20.00	ng	0.00
86) Perylene-d12	26.44	264	264331	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	540220	139.84	ng	0.00
7) Phenol-d6	8.02	99	662064	122.95	ng	0.00
23) Nitrobenzene-d5	10.12	82	461919	115.94	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	198110	125.16	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1023994	98.11	ng	0.00
78) Terphenyl-d14	20.78	244	1417212	109.09	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	59757	15.720	ng	# 84
24) Nitrobenzene	10.11	77	1274	6.640	ng	# 44
32) Benzoic acid	11.01	122	296	5.957	ng	# 34
47) 2-Nitroaniline	14.16	65	1845	10.428	ng	# 1
50) 2,6-Dinitrotoluene	15.54	165	19479	16.399	ng	# 19
55) 4-Nitrophenol	15.92	139	190	7.163	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	19479	14.597	ng	# 17
64) 4,6-Dinitro-2-methylphenol	17.01	198	552	5.660	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	14725	4.221	ng	# 1
76) Benzidine	20.78	184	24947	2.508	ng	# 89

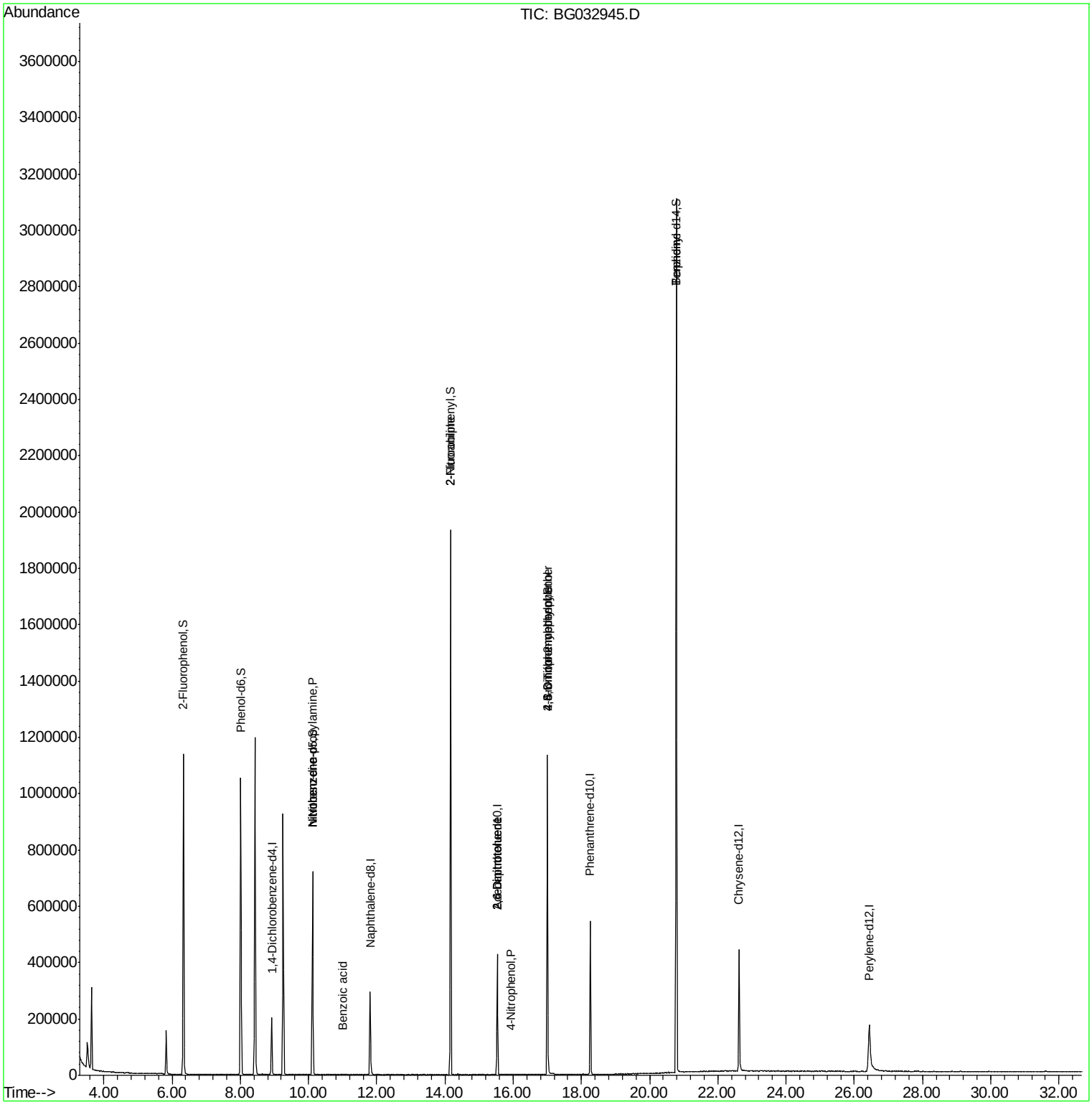
(#) = qualifier out of range (m) = manual integration (+) = signals summed

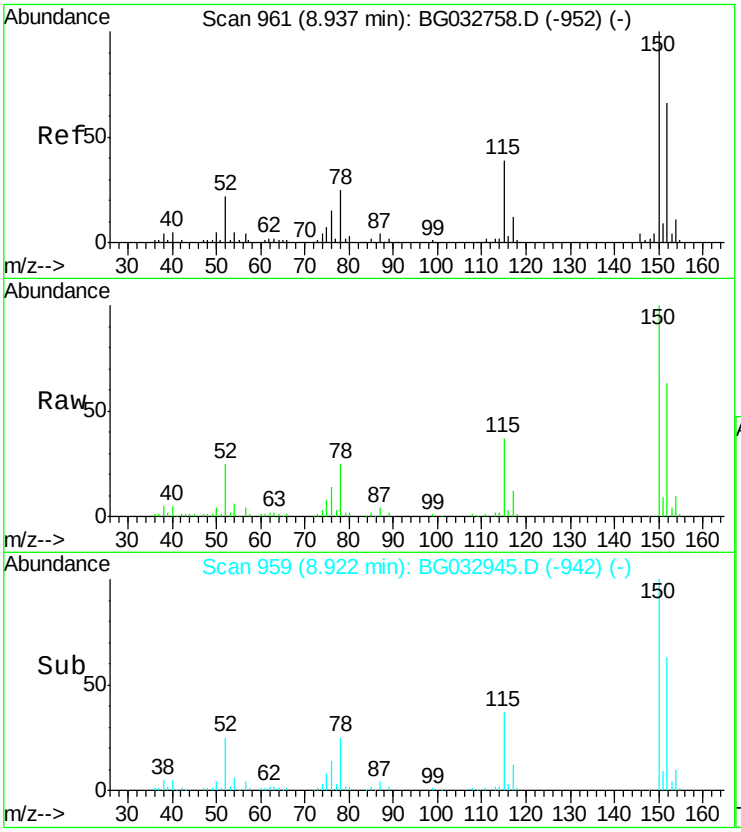
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032945.D
Acq On : 2 Mar 2018 9:56
Operator : SJ/JU
Sample : J1733-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 02 10:58:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



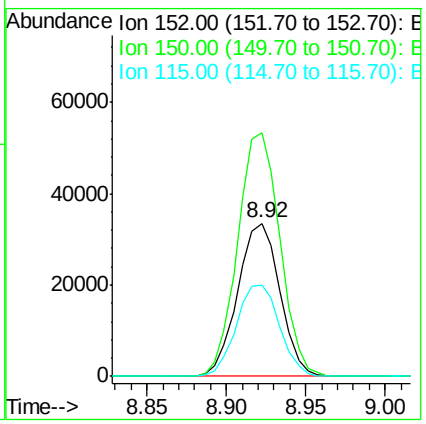


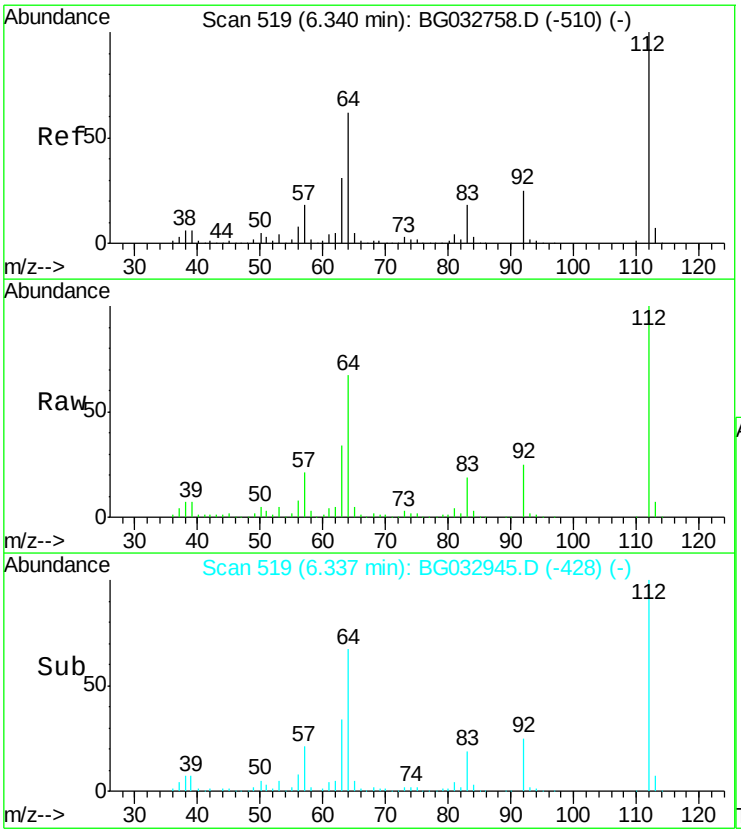
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 61804

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	189.8
115	59.5	53.0	79.4

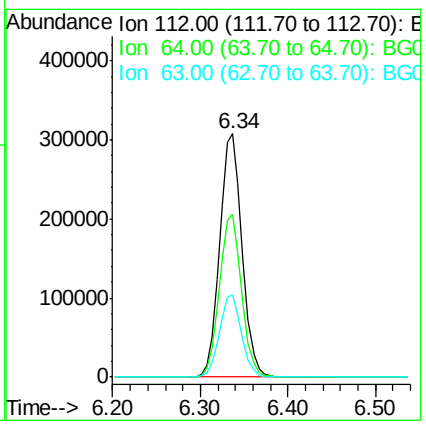


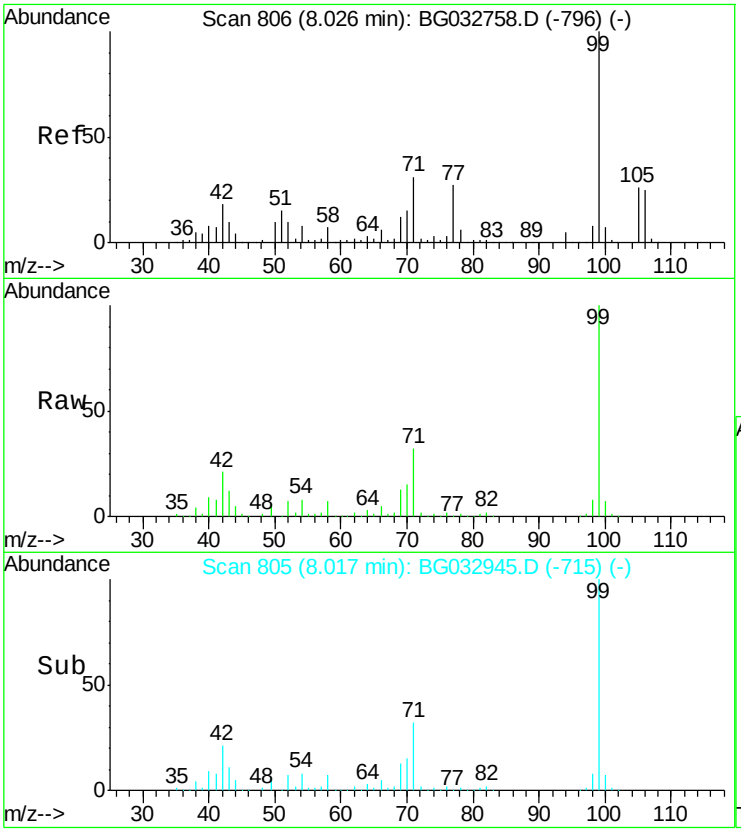


#5
2-Fluorophenol
Concen: 139.841 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.01 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Tgt Ion:112 Resp: 540220

Ion	Ratio	Lower	Upper
112	100		
64	67.0	56.3	84.5
63	33.7	30.1	45.1



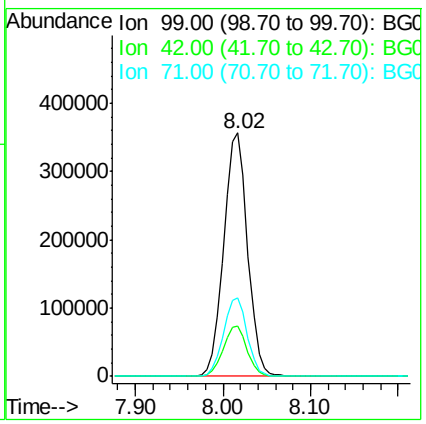


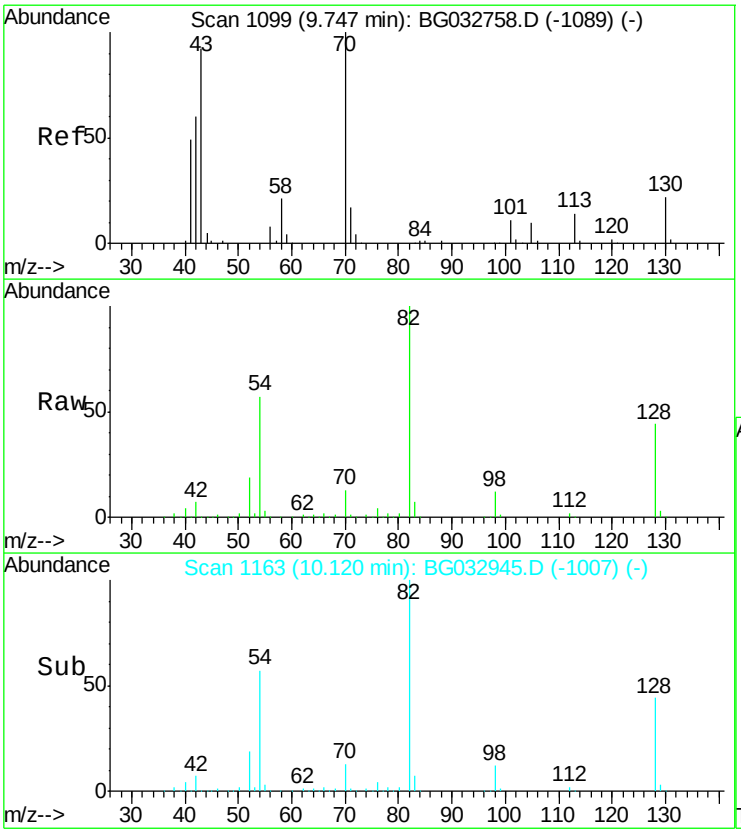
#7
Phenol-d6
Concen: 122.954 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 662064

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.1	21.1
71	32.3	26.1	39.1

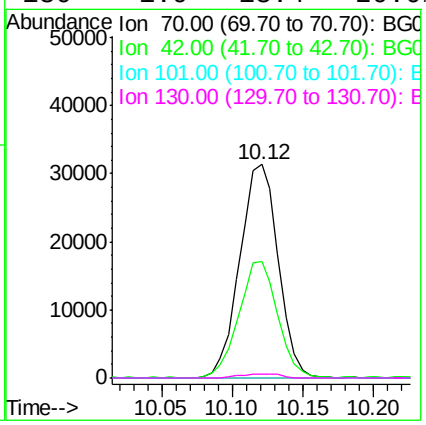


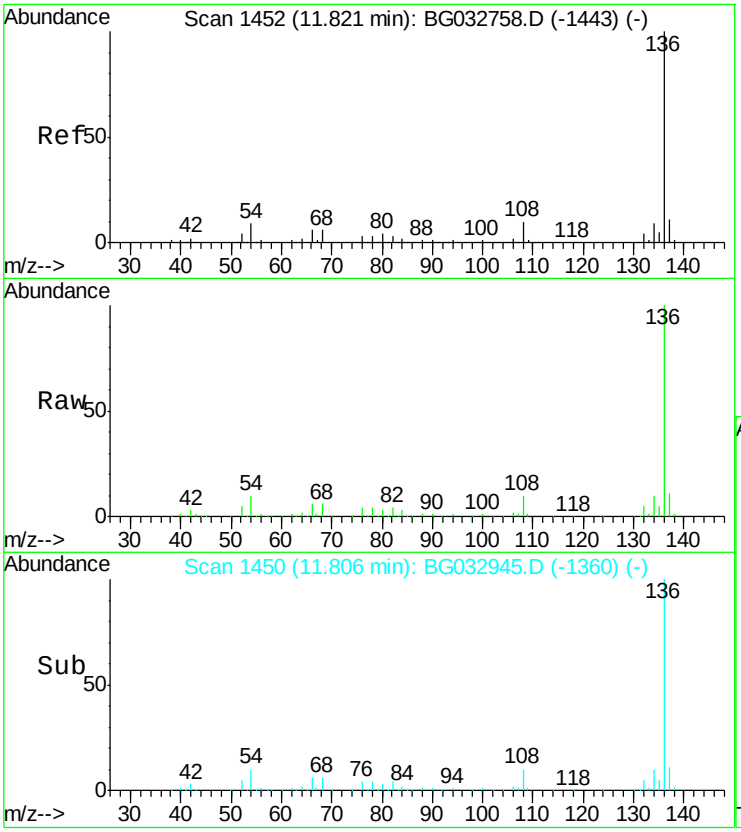


#19
n-Nitroso-di-n-propylamine
Concen: 15.720 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.39 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Tgt Ion: 70 Resp: 59757

Ion	Ratio	Lower	Upper
70	100		
42	54.8	49.1	73.7
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



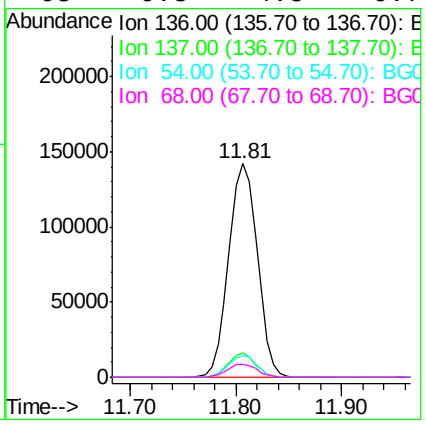


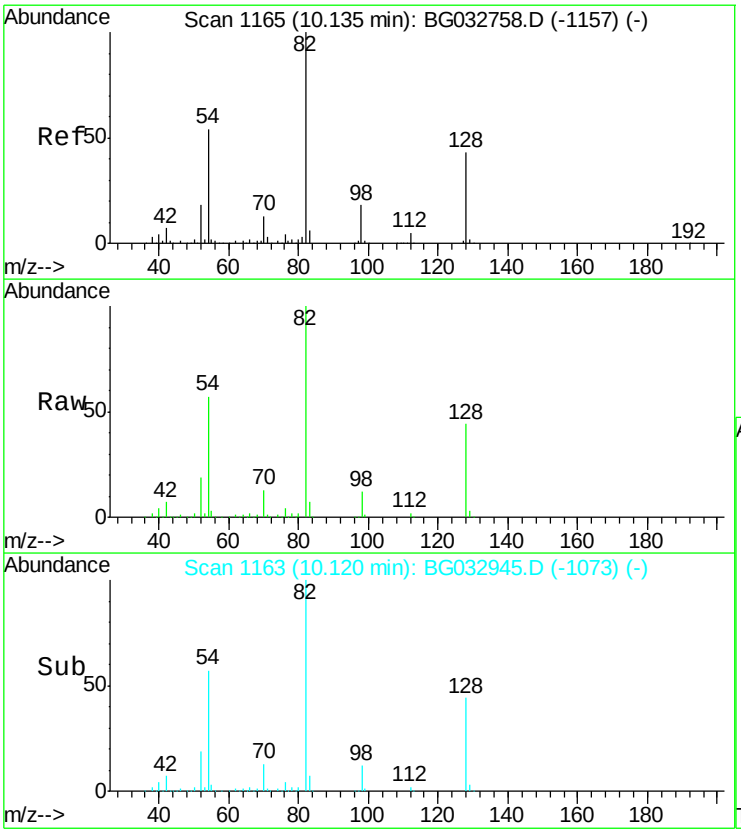
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 267073

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.0	10.3	15.5#
68	6.3	4.5	6.7

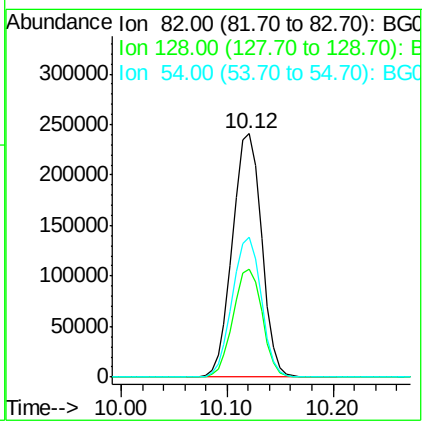


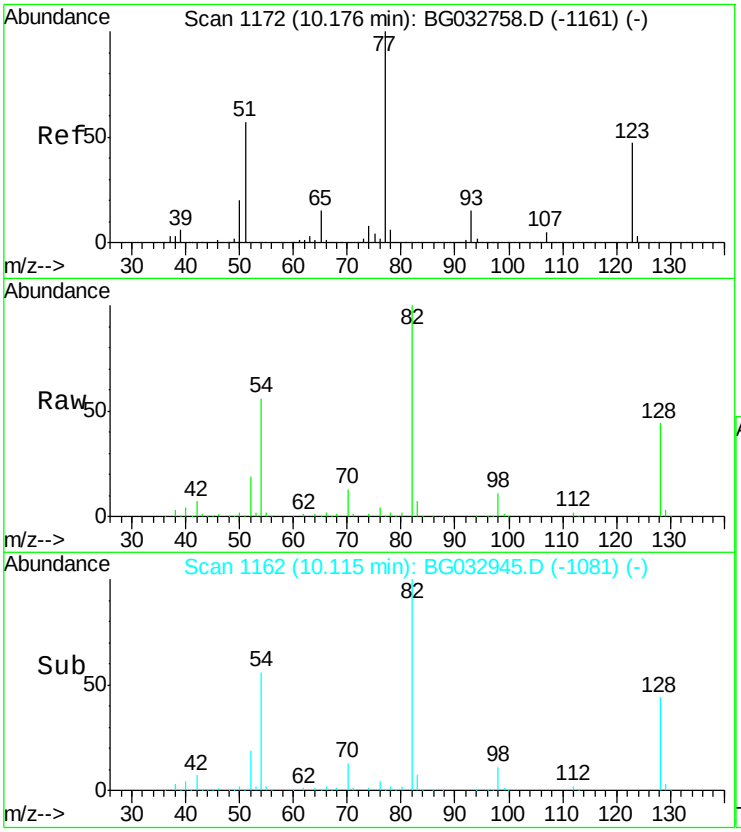


#23
Nitrobenzene-d5
Concen: 115.939 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Tgt Ion: 82 Resp: 461919

Ion	Ratio	Lower	Upper
82	100		
128	44.4	29.7	44.5
54	57.3	43.1	64.7



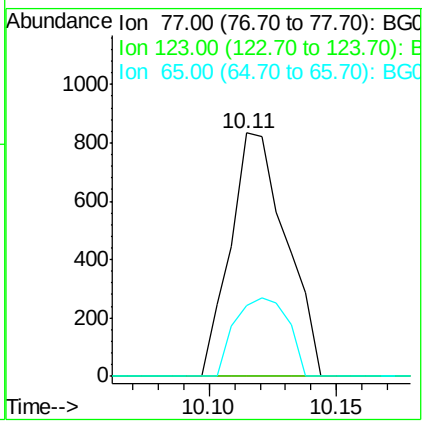


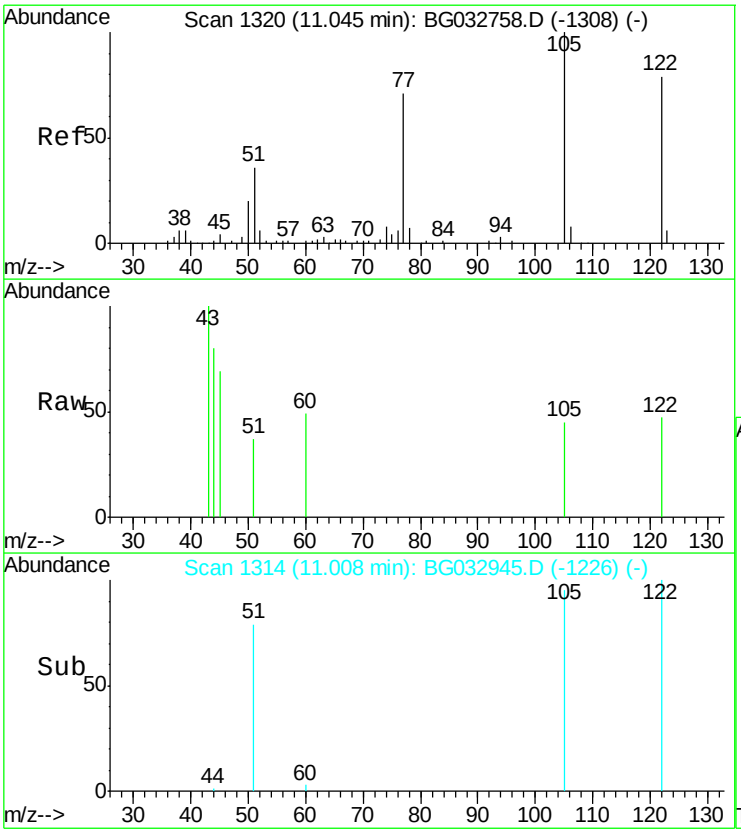
#24
Nitrobenzene
Concen: 6.640 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1274

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	29.1	13.0	19.6#

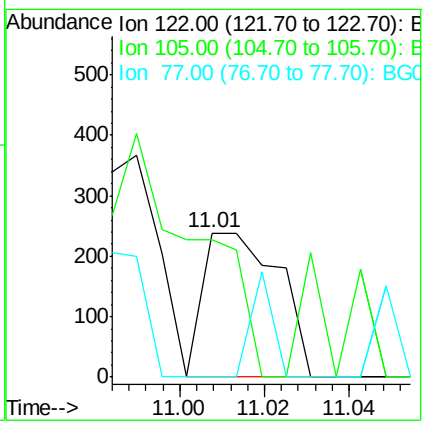


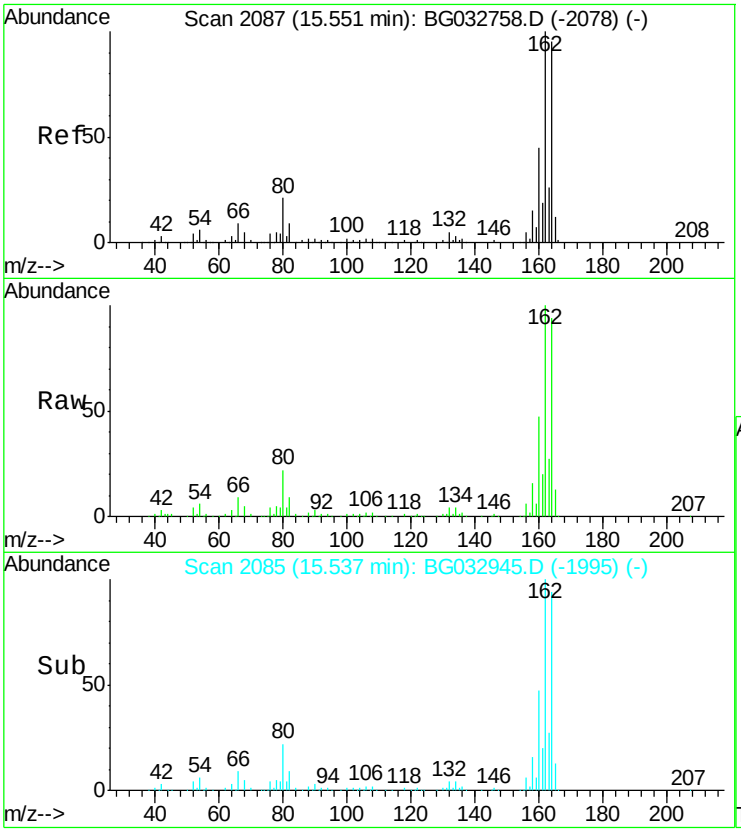


#32
Benzoic acid
Concen: 5.957 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Tgt Ion:122 Resp: 296

Ion	Ratio	Lower	Upper
122	100		
105	95.4	123.5	163.5#
77	0.0	85.7	125.7#



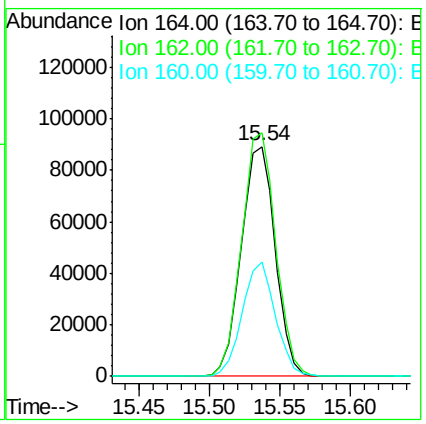


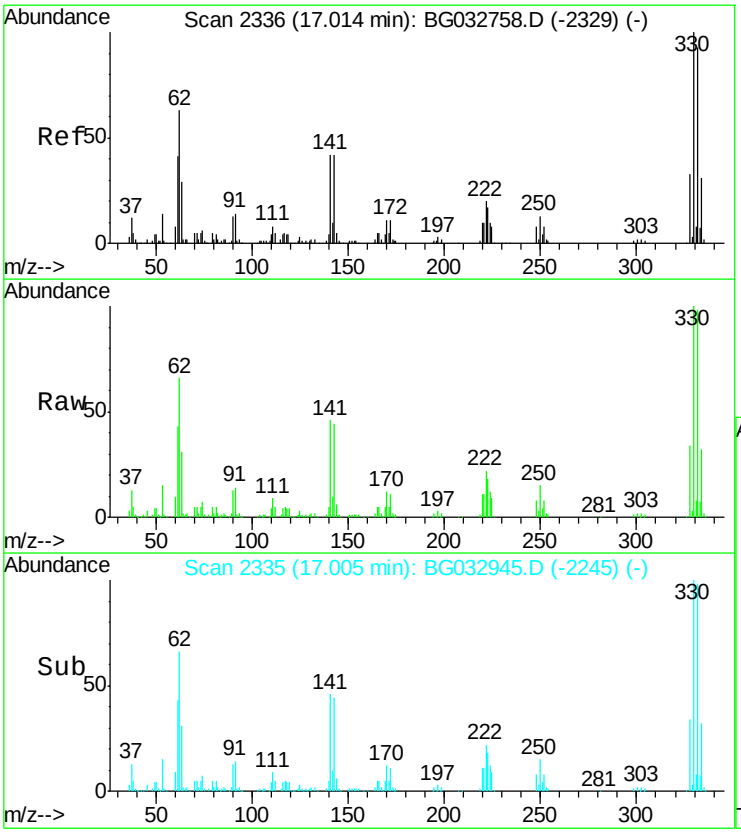
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 150534

Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.8	118.2
160	49.6	35.4	53.0

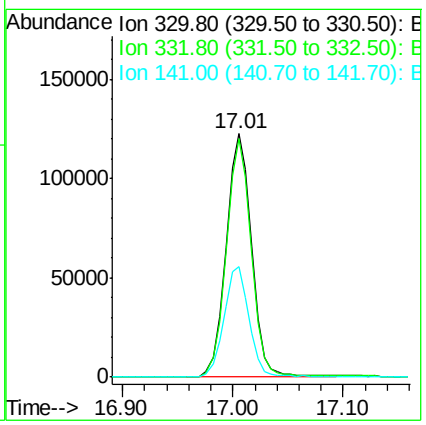


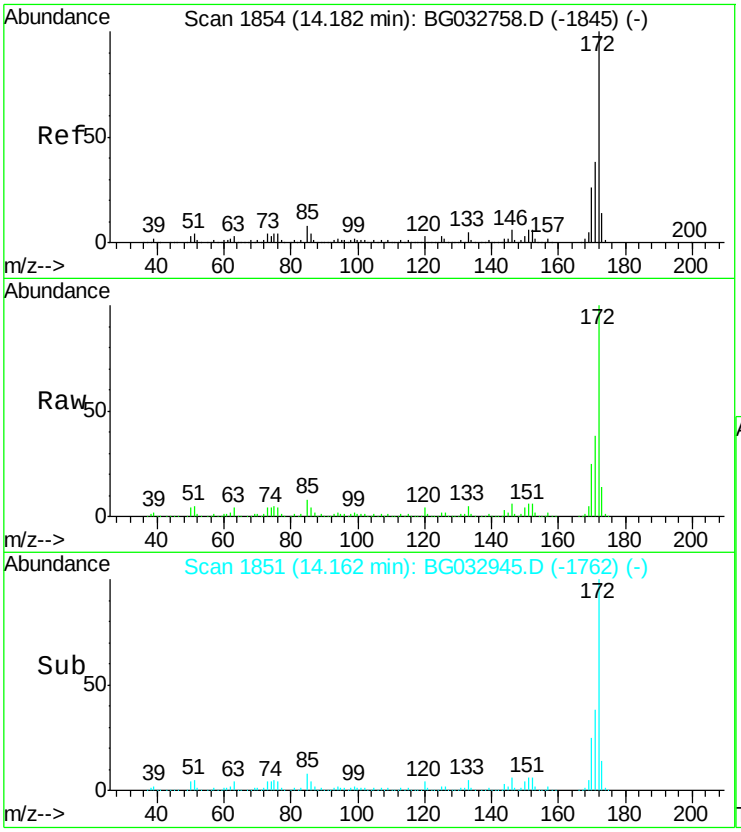


#41
2,4,6-Tribromophenol
Concen: 125.163 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Tgt Ion:330 Resp: 198110

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	44.7	25.2	37.8#



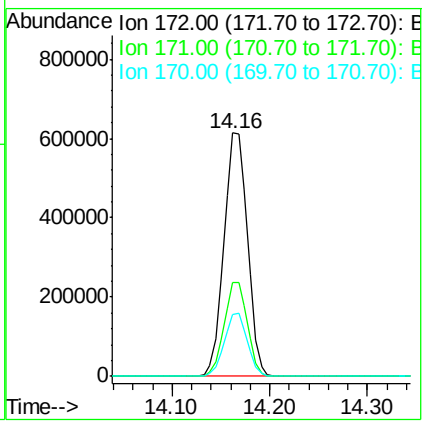


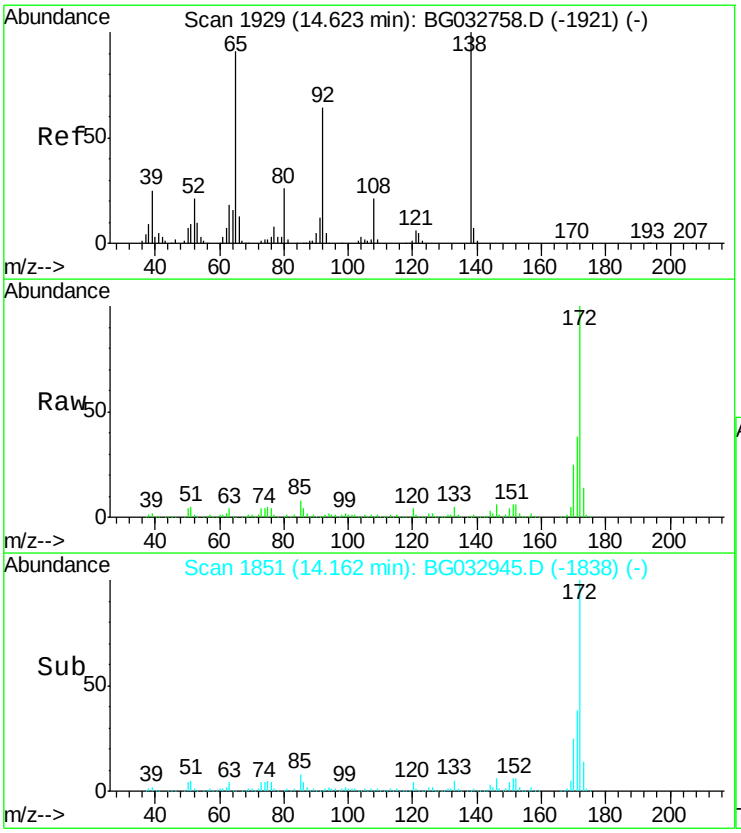
#44
2-Fluorobiphenyl
Concen: 98.108 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1023994

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.4	19.5	29.3

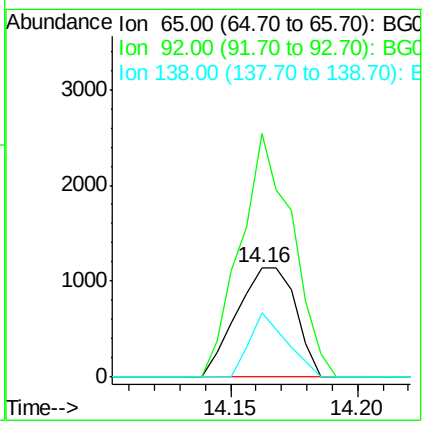


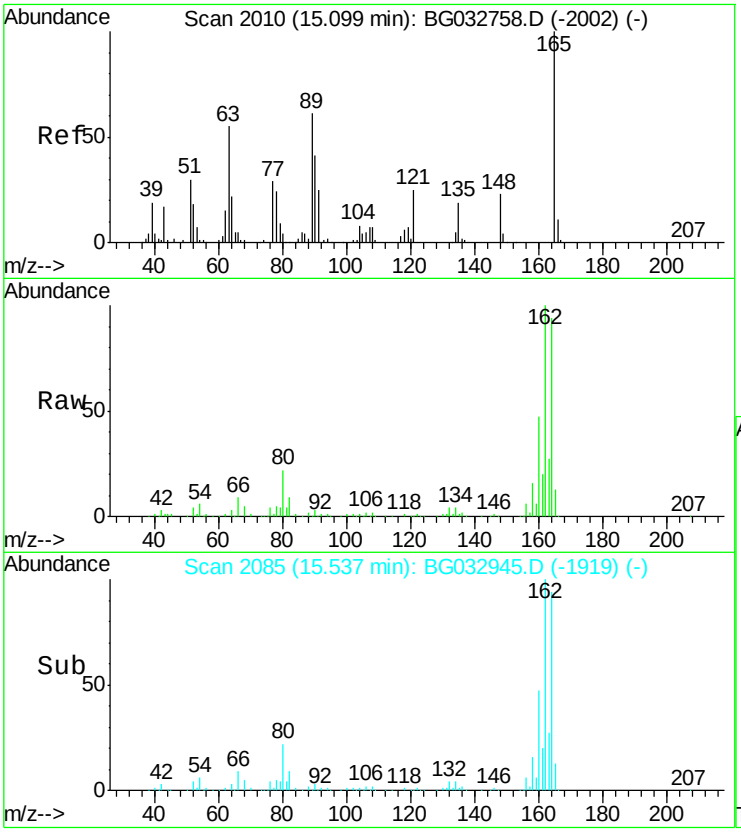


#47
2-Nitroaniline
Concen: 10.428 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.45 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Tgt Ion: 65 Resp: 1845

Ion	Ratio	Lower	Upper
65	100		
92	222.7	54.6	82.0#
138	59.2	72.9	109.3#



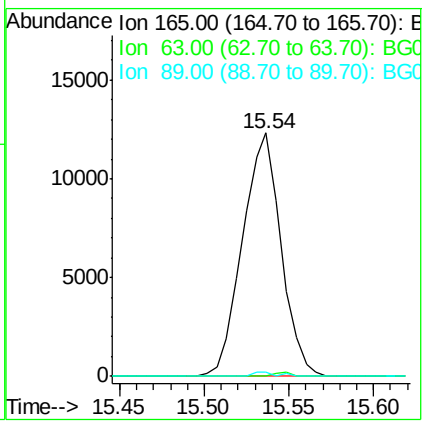


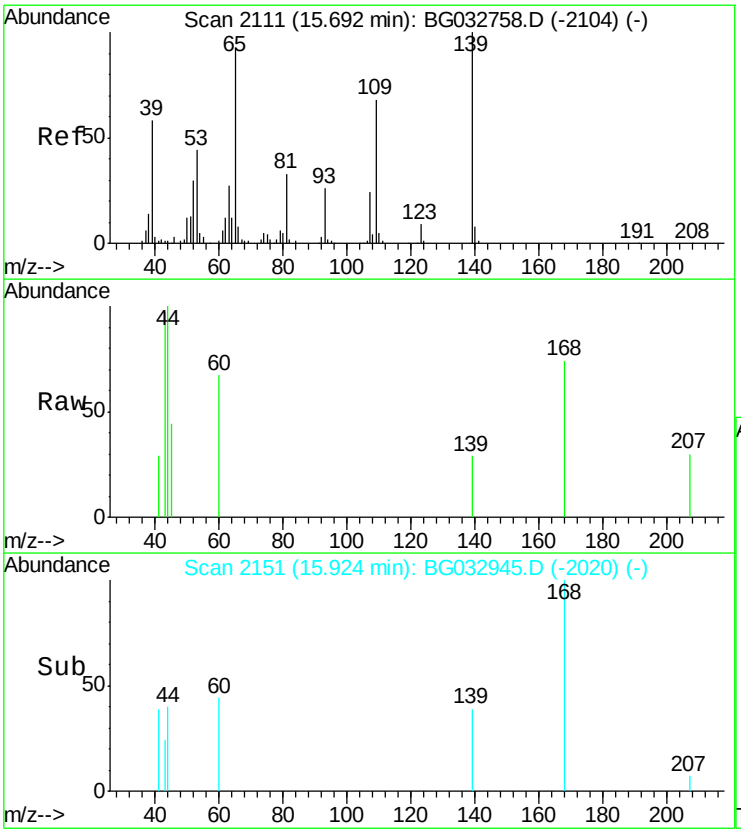
#50
2,6-Dinitrotoluene
Concen: 16.399 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.45 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19479

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.7	49.2	73.8#

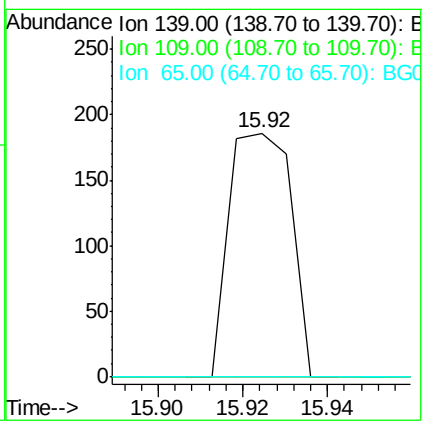


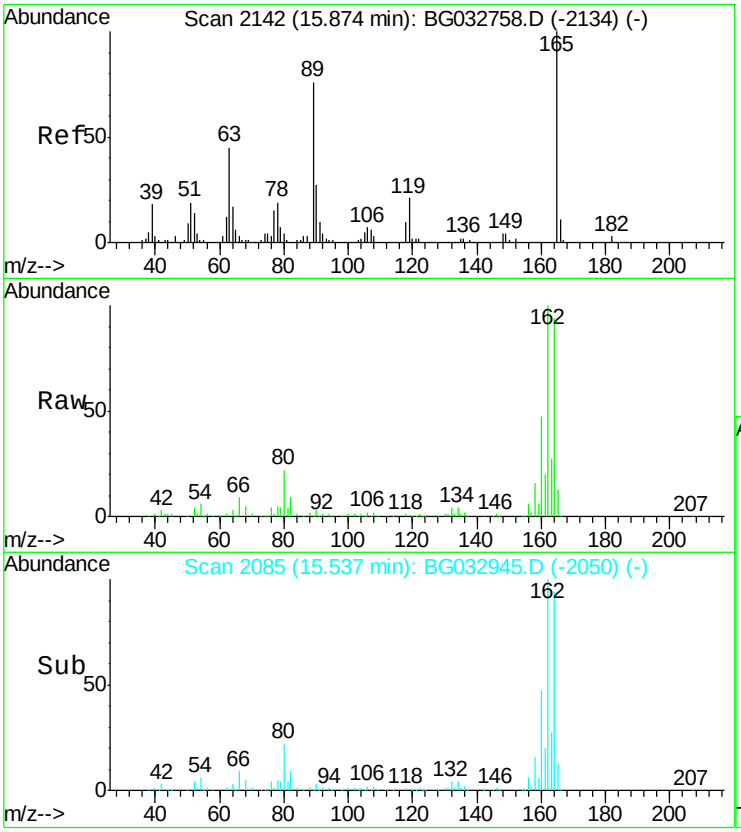


#55
4-Nitrophenol
Concen: 7.163 ng
RT: 15.92 min Scan# 2151
Delta R.T. 0.24 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Tgt Ion:139 Resp: 190

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



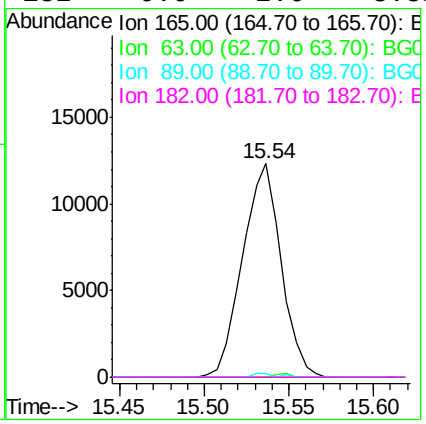


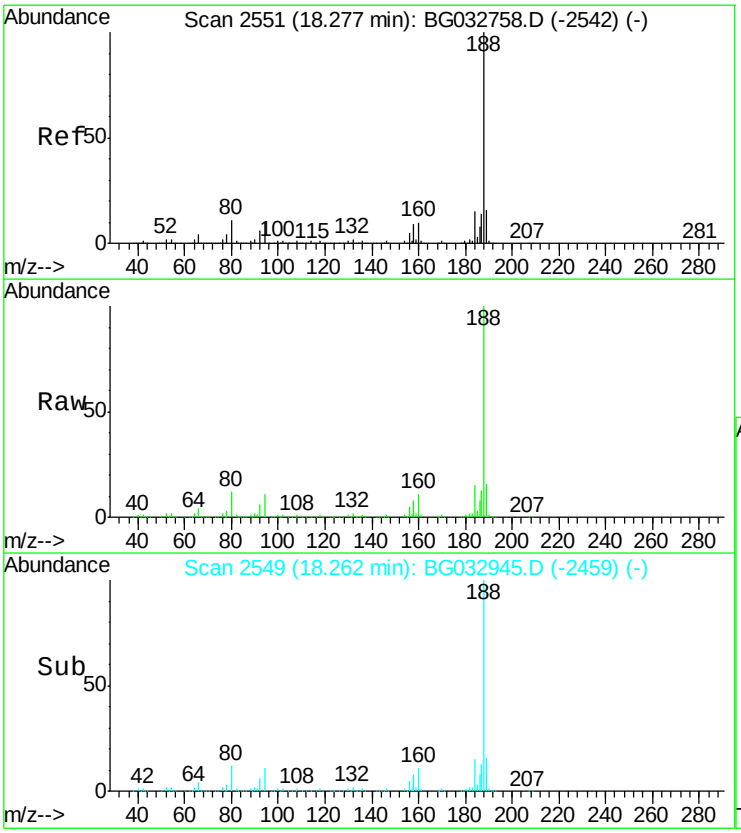
#56
2,4-Dinitrotoluene
Concen: 14.597 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.32 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19479

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#

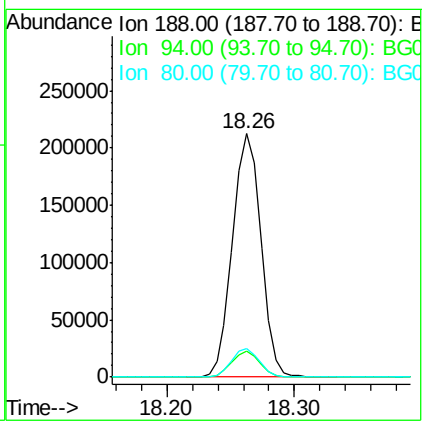


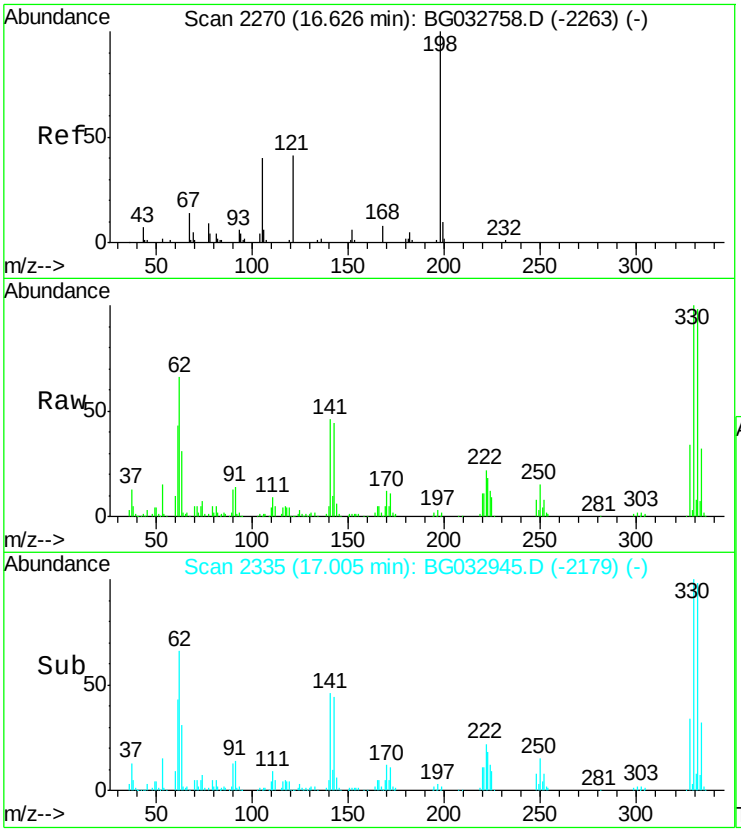


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Tgt Ion:188 Resp: 329946

Ion	Ratio	Lower	Upper
188	100		
94	10.5	6.9	10.3#
80	11.9	7.7	11.5#



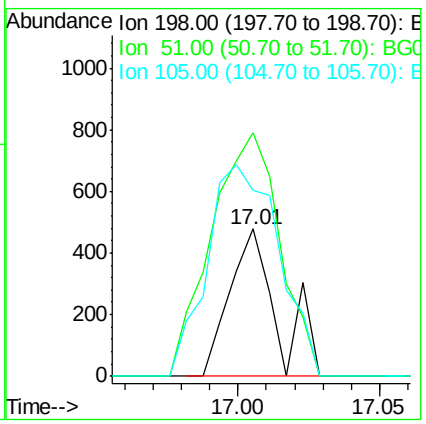


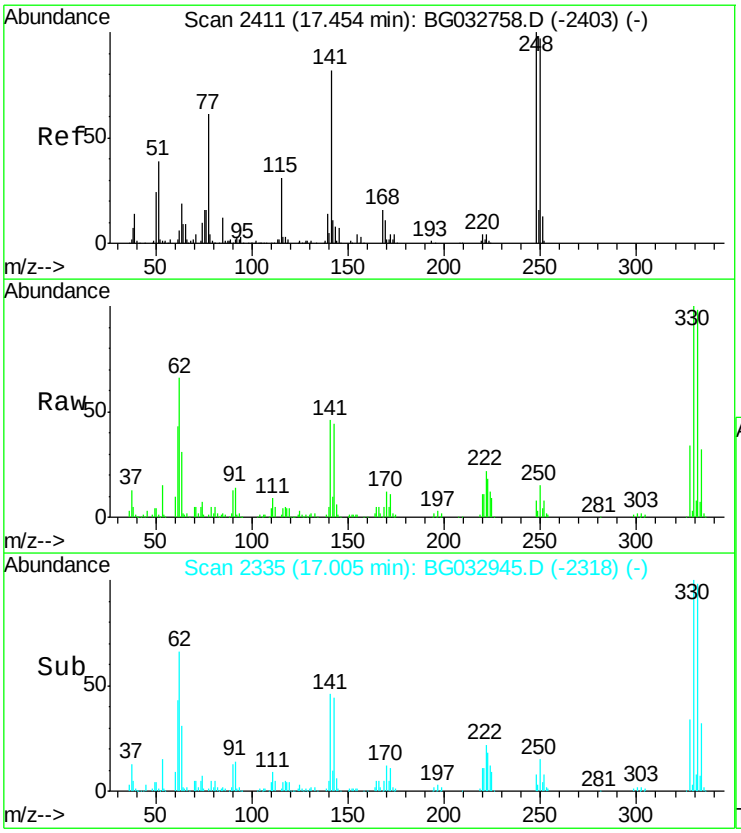
#64
4,6-Dinitro-2-methylphenol
Concen: 5.660 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.39 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 552

Ion	Ratio	Lower	Upper
198	100		
51	165.6	30.6	70.6#
105	126.4	23.8	63.8#

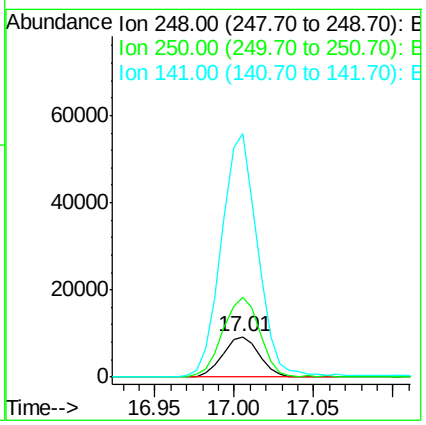


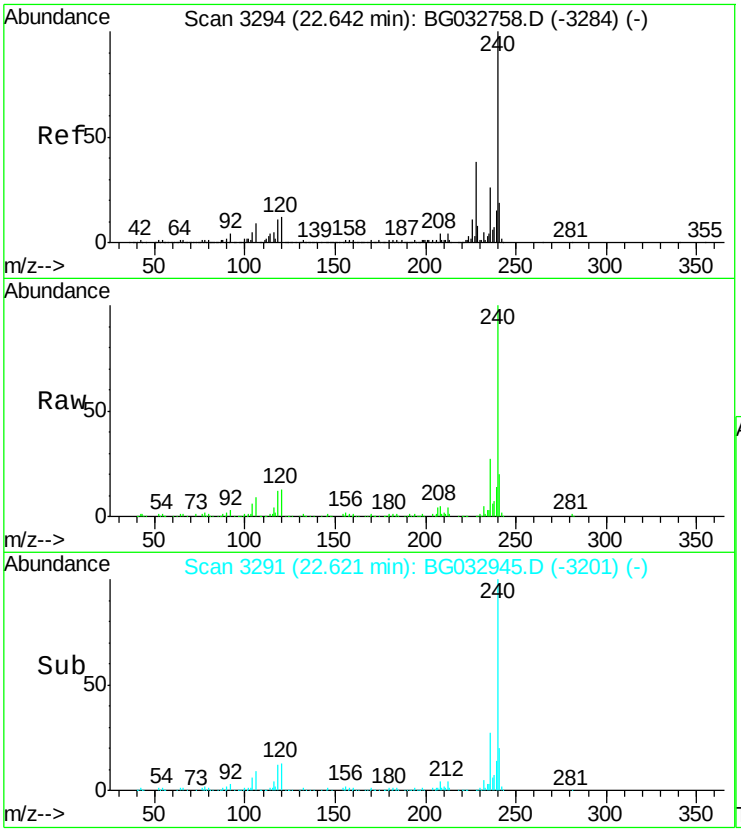


#66
4-Bromophenyl-phenylether
Concen: 4.221 ng
RT: 17.01 min Scan# 2335
Delta R.T. -0.43 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Tgt Ion:248 Resp: 14725

Ion	Ratio	Lower	Upper
248	100		
250	197.0	77.1	115.7#
141	597.5	50.8	76.2#



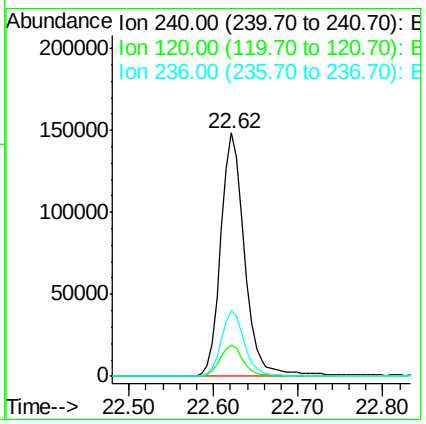


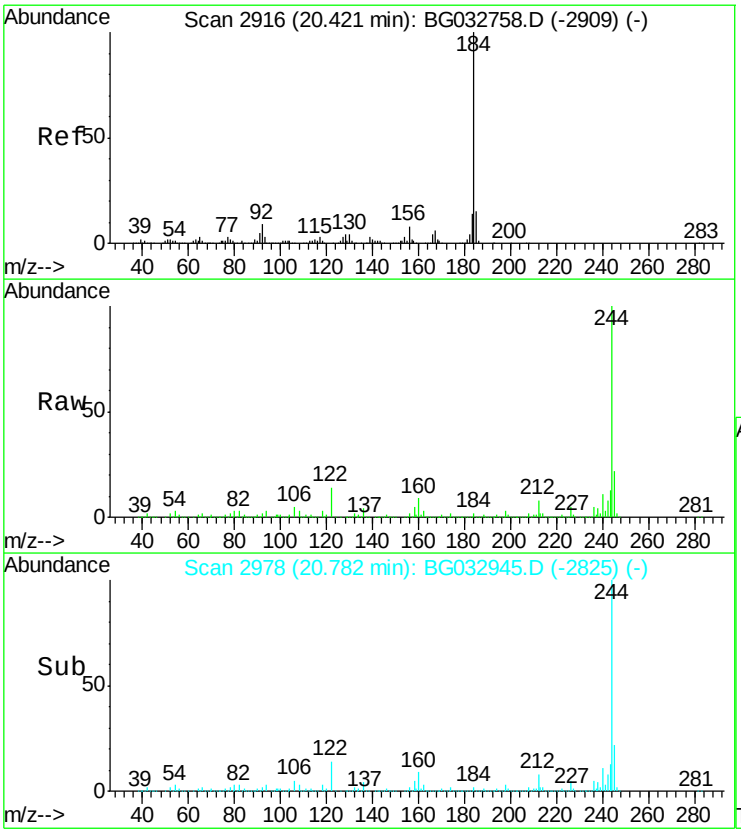
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. 0.00 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 291868

Ion	Ratio	Lower	Upper
240	100		
120	12.6	6.8	10.2#
236	26.7	20.9	31.3

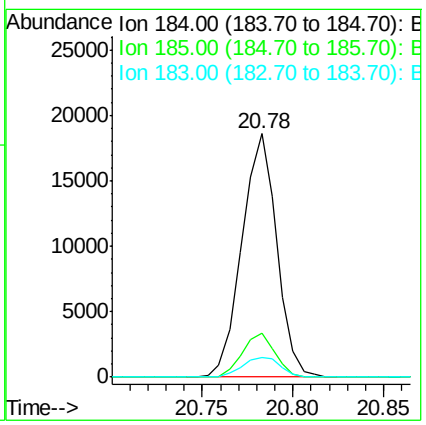


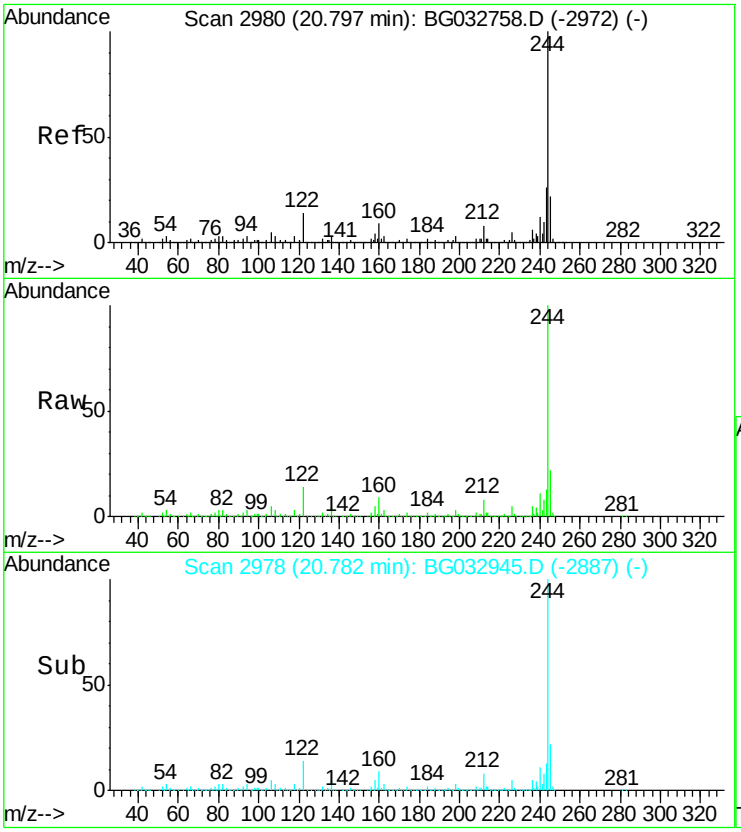


#76
Benzidine
Concen: 2.508 ng
RT: 20.78 min Scan# 2978
Delta R.T. 0.37 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Tgt Ion:184 Resp: 24947

Ion	Ratio	Lower	Upper
184	100		
185	18.0	11.1	16.7#
183	8.3	10.6	16.0#



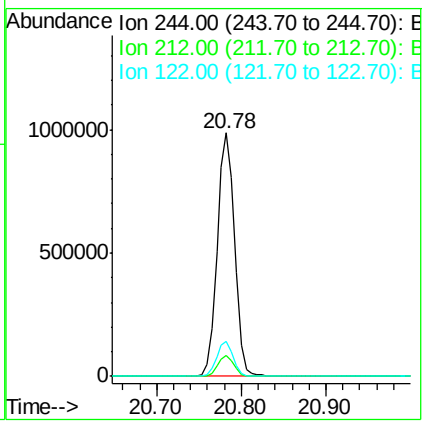


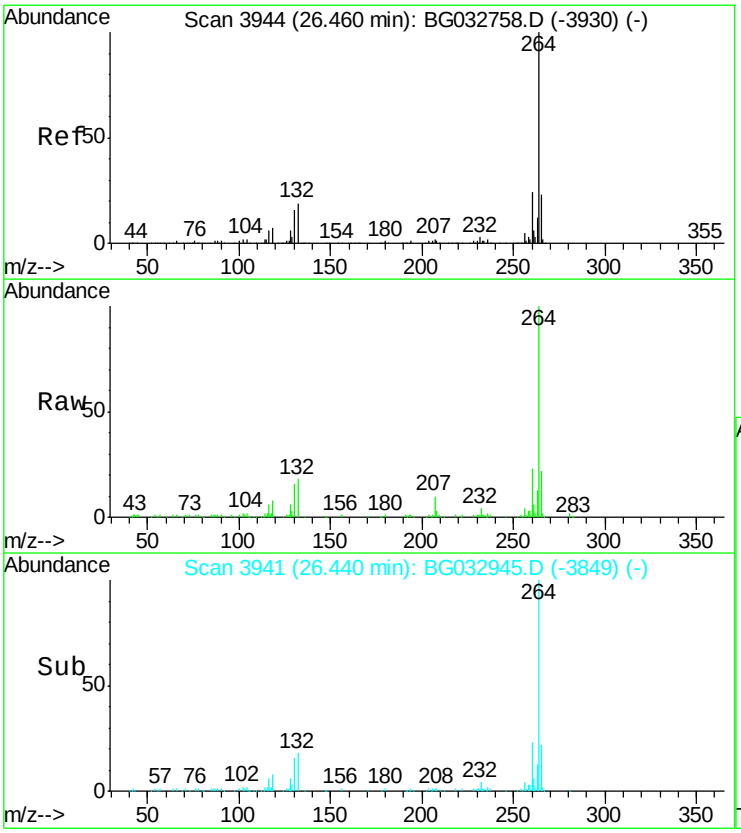
#78
Terphenyl-d14
Concen: 109.094 ng
RT: 20.78 min Scan# 2978
Delta R.T. 0.01 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1417212

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	14.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3941
Delta R.T. 0.01 min
Lab File: BG032945.D
Acq: 2 Mar 2018 9:56

Tgt Ion:264 Resp: 264331

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.2	17.7	26.5