Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022818\
Data File : BG032901.D
Acq On : 28 Feb 2018 23:36
Operator : SJ/JU
Sample : J1699-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 01 01:30:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	78020	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	343689	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	189993	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	421170	20.00	ng	0.00
75) Chrysene-d12	22.62	240	370533	20.00	ng	0.00
86) Perylene-d12	26.43	264	342454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	674594	138.33	ng	0.00
7) Phenol-d6	8.02	99	819332	120.54	ng	0.00
23) Nitrobenzene-d5	10.12	82	565033	110.70	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	296193	148.27	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1166134	88.52	ng	0.00
78) Terphenyl-d14	20.78	244	1658710	100.58	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	73756	15.370	ng	# 82
24) Nitrobenzene	10.13	77	1616	6.636	ng	# 44
31) Naphthalene	11.85	128	214819	11.962	ng	99
33) 4-Chloroaniline	11.86	127	29251	3.643	ng	# 37
37) 2-Methylnaphthalene	13.41	142	38812	2.987	ng	92
47) 2-Nitroaniline	14.17	65	2037	10.354	ng	# 6
50) 2,6-Dinitrotoluene	15.53	165	24431	16.352	ng	# 19
52) 3-Nitroaniline	15.70	138	62	7.559	ng	# 1
55) 4-Nitrophenol	15.93	139	1388	7.559	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	24431	14.549	ng	# 17
64) 4,6-Dinitro-2-methylphenol	17.01	198	1015	5.971	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	21870	4.911	ng	# 1
76) Benzidine	20.78	184	28932	2.291	ng	# 93

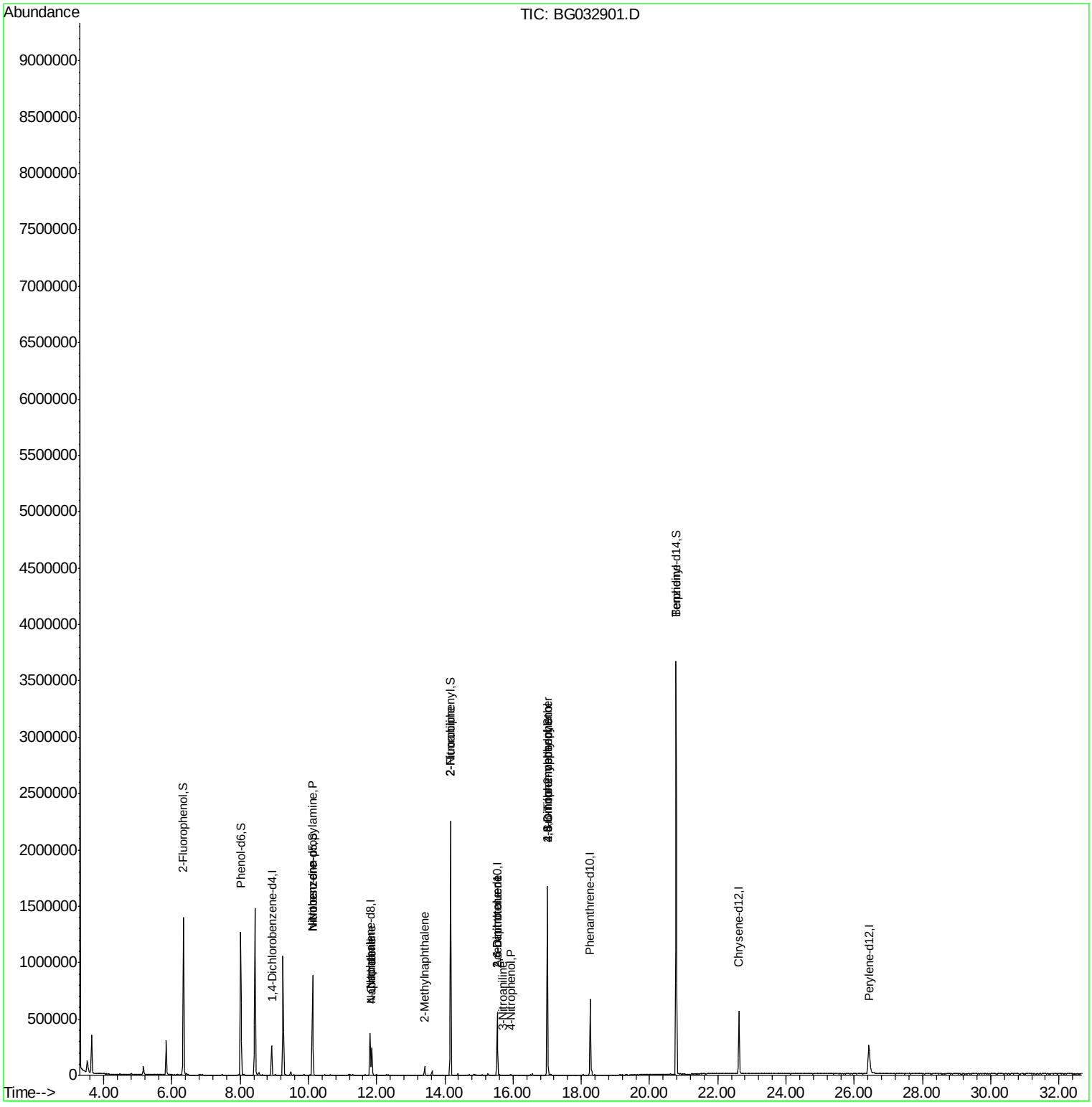
(#) = qualifier out of range (m) = manual integration (+) = signals summed

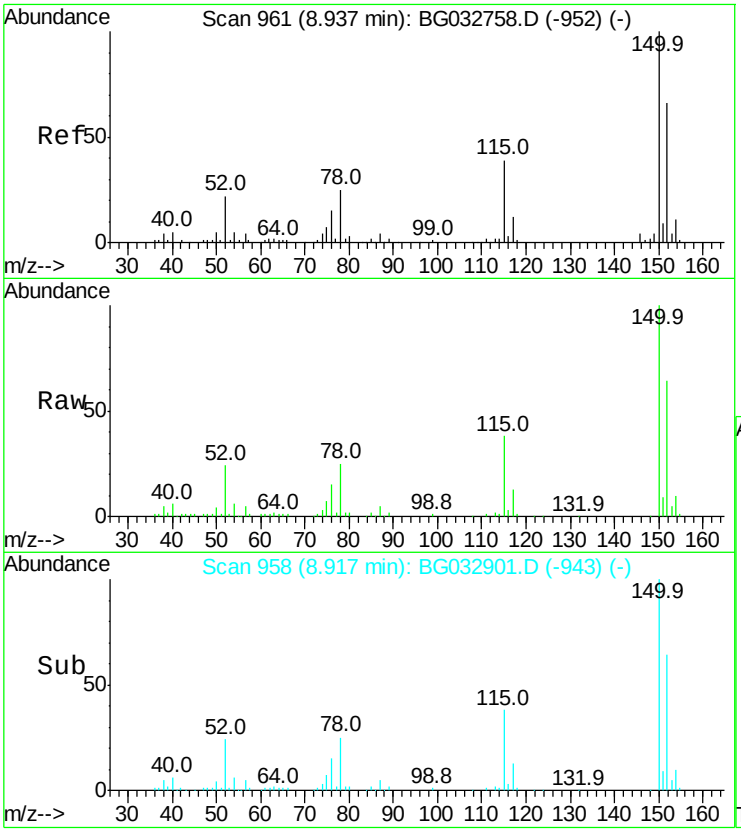
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022818\
Data File : BG032901.D
Acq On : 28 Feb 2018 23:36
Operator : SJ/JU
Sample : J1699-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 01 01:30:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



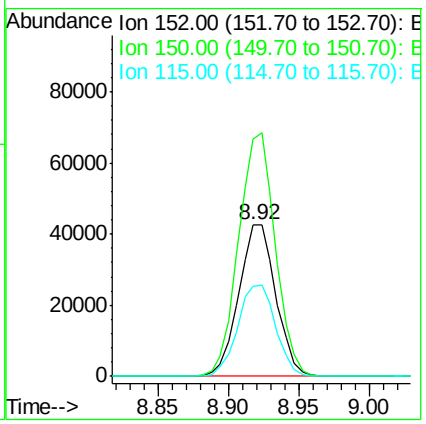


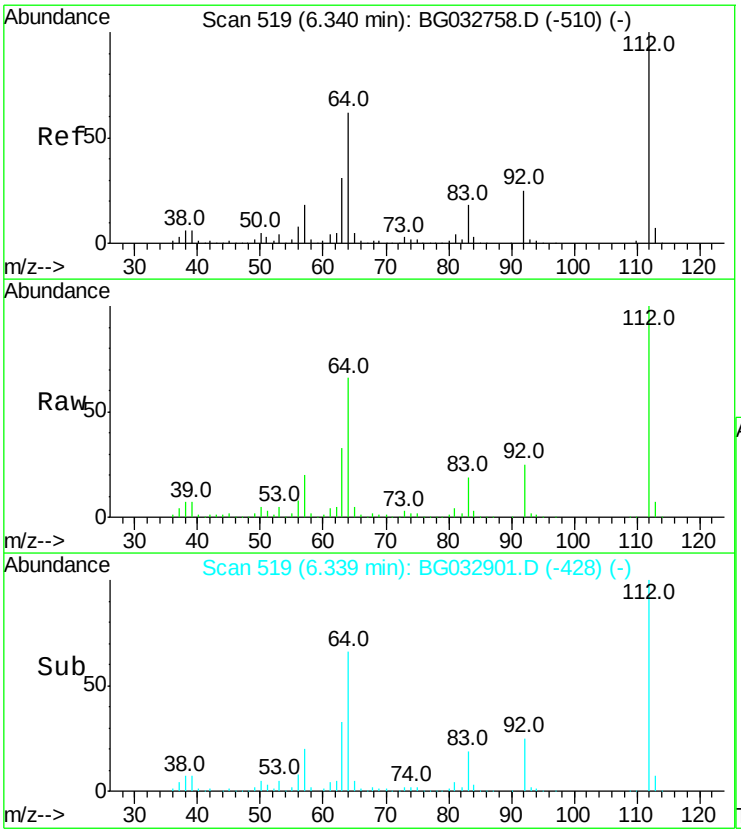
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 78020

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.6	189.8
115	59.4	53.0	79.4

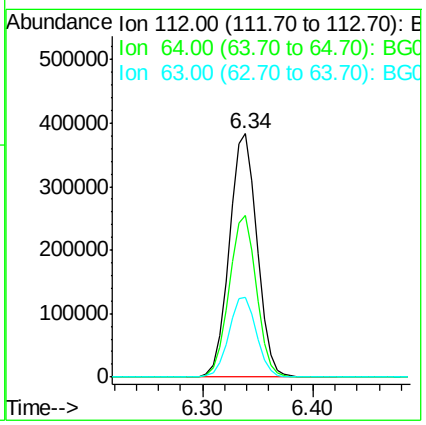


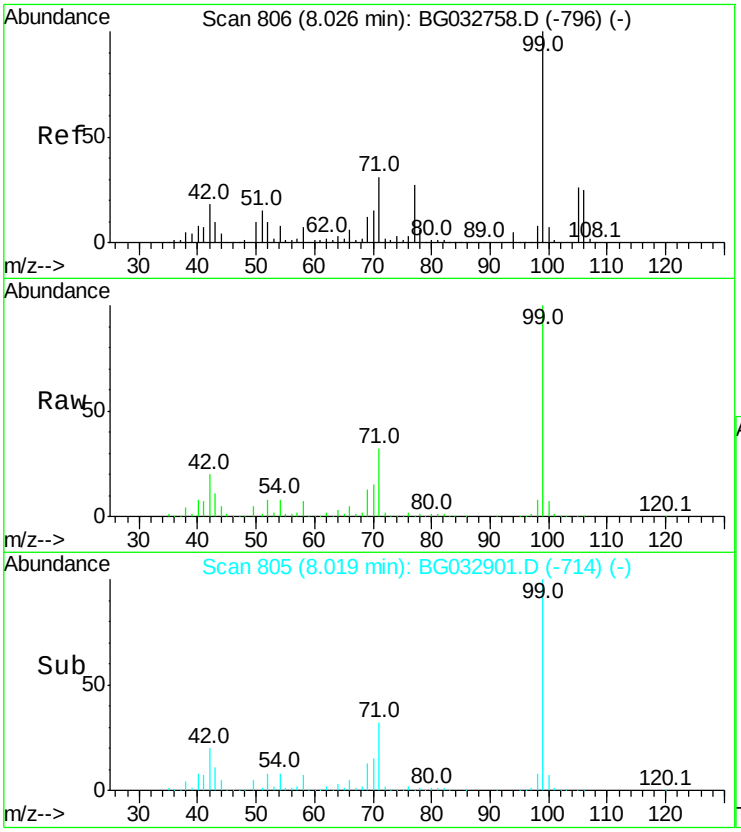


#5
2-Fluorophenol
Concen: 138.330 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion:112 Resp: 674594

Ion	Ratio	Lower	Upper
112	100		
64	66.4	56.3	84.5
63	32.8	30.1	45.1



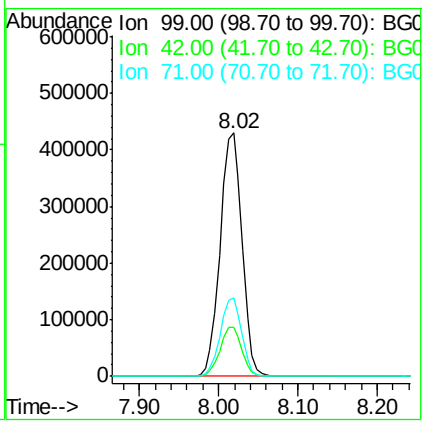


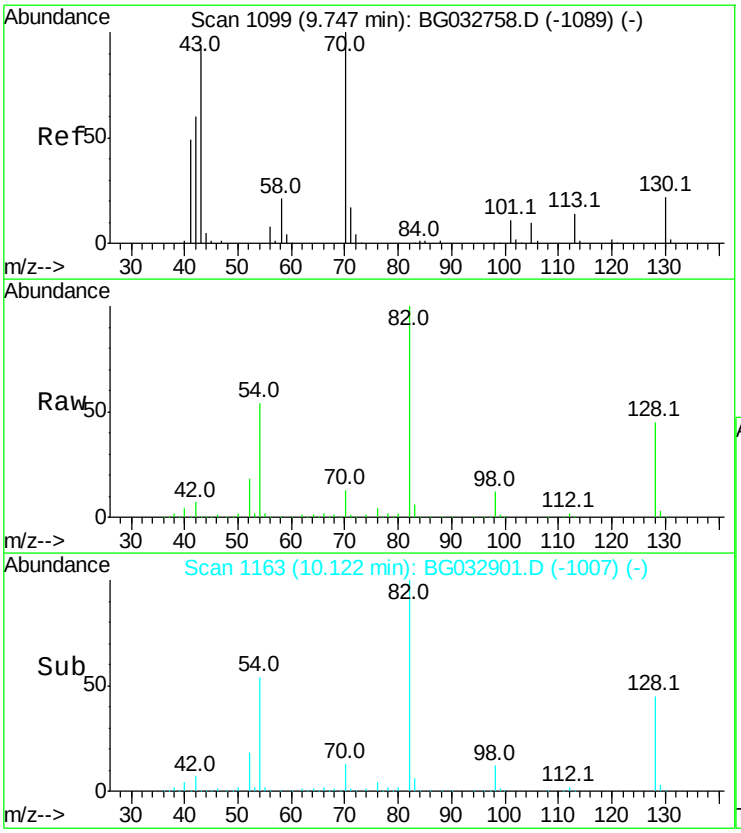
#7
Phenol-d6
Concen: 120.536 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 819332

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.1	21.1
71	32.4	26.1	39.1

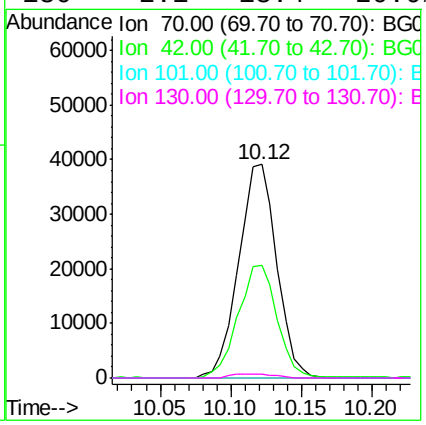


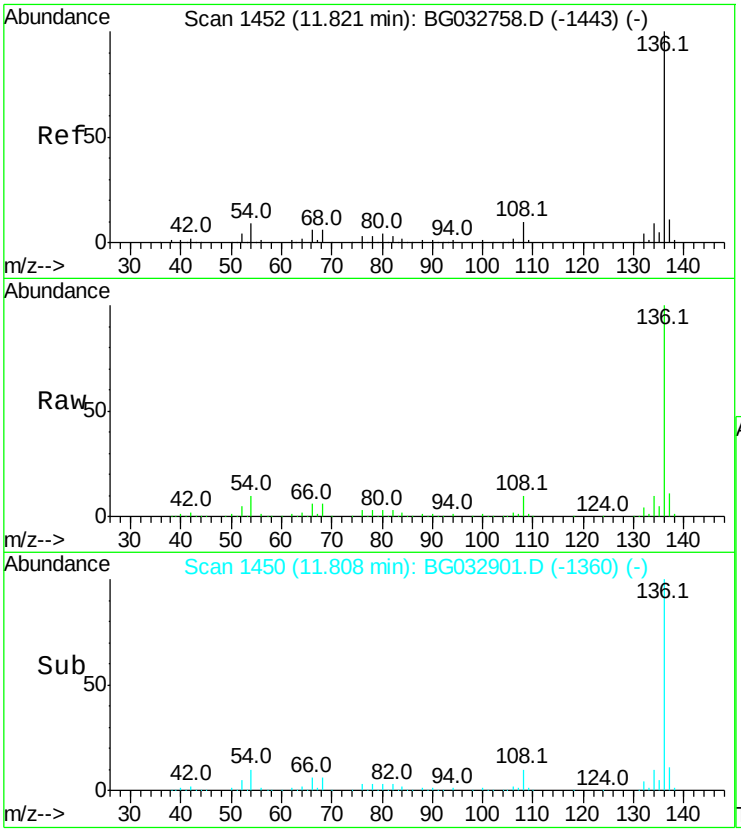


#19
n-Nitroso-di-n-propylamine
Concen: 15.370 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.38 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion: 70 Resp: 73756

Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.1	73.7
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



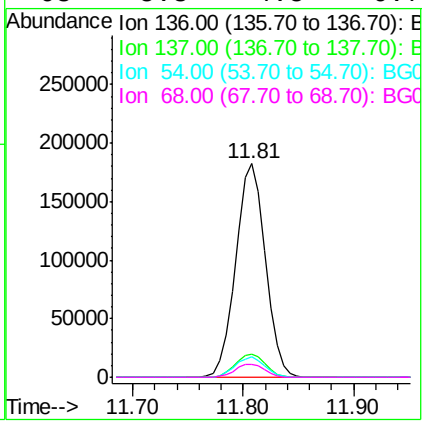


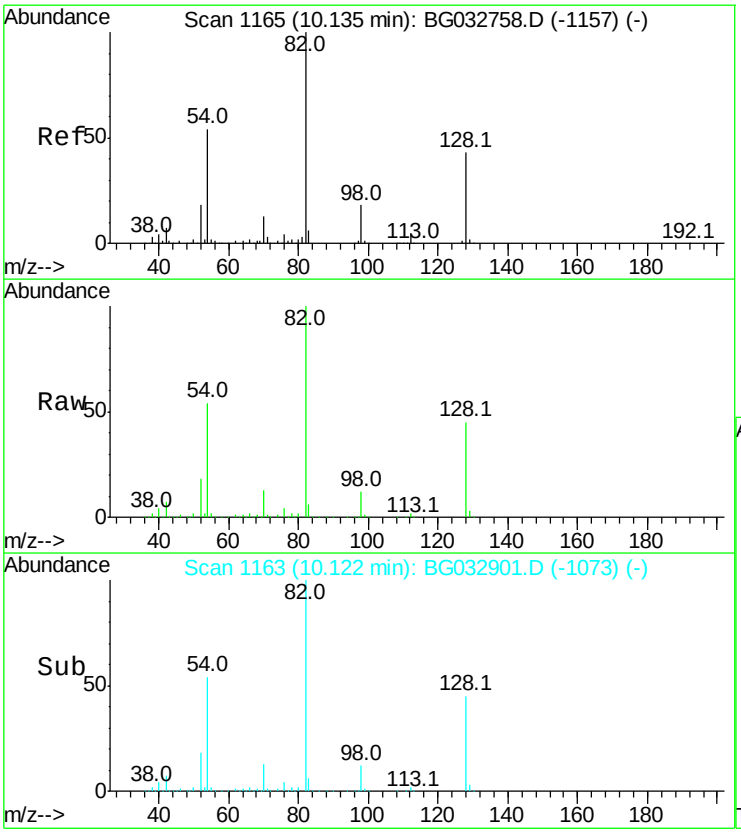
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 343689

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	9.9	10.3	15.5#
68	5.8	4.5	6.7

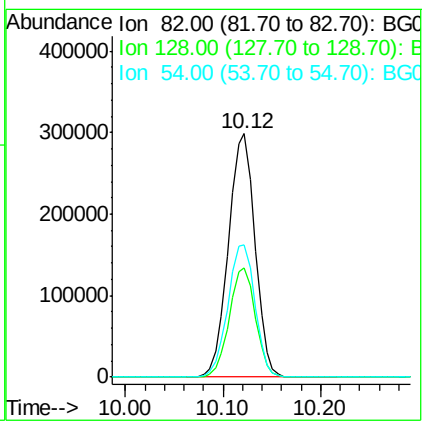


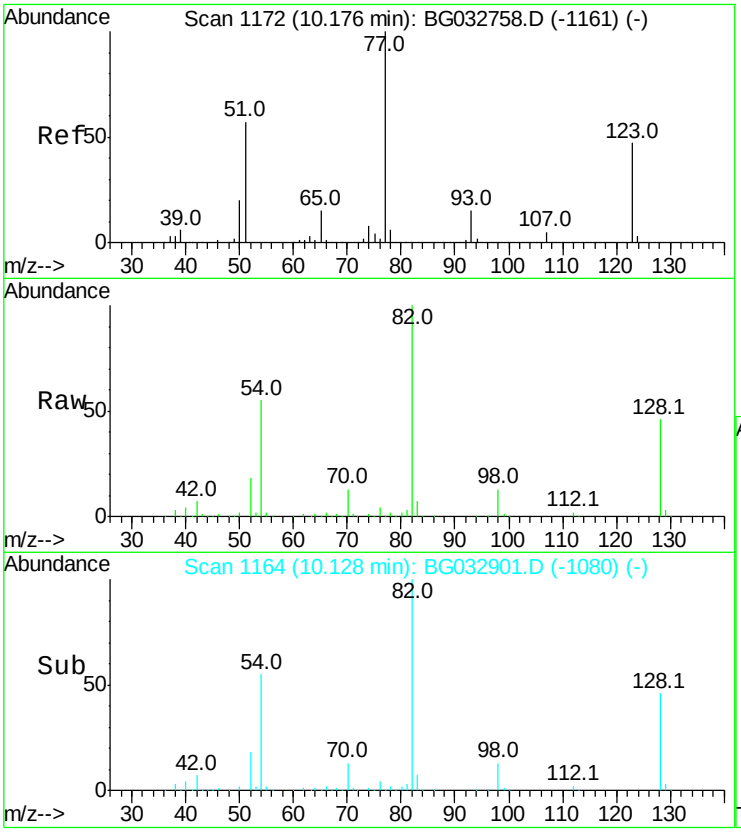


#23
Nitrobenzene-d5
Concen: 110.695 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion: 82 Resp: 565033

Ion	Ratio	Lower	Upper
82	100		
128	45.0	29.7	44.5#
54	54.4	43.1	64.7



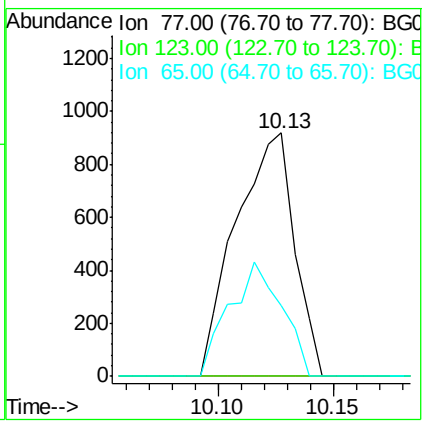


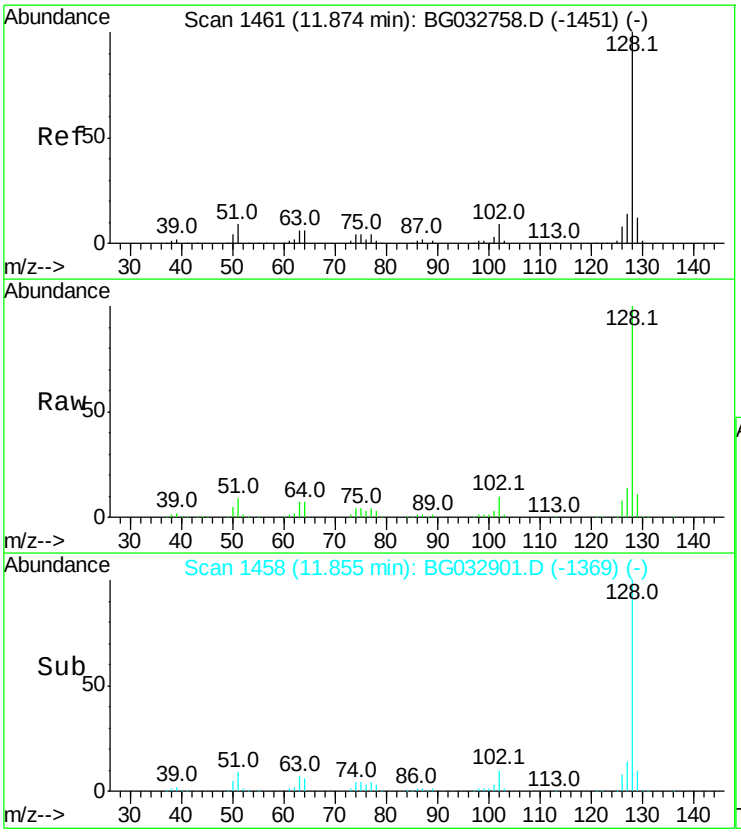
#24
Nitrobenzene
Concen: 6.636 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.04 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1616

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	29.2	13.0	19.6#

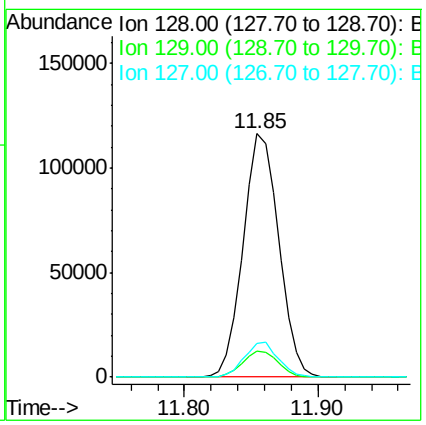


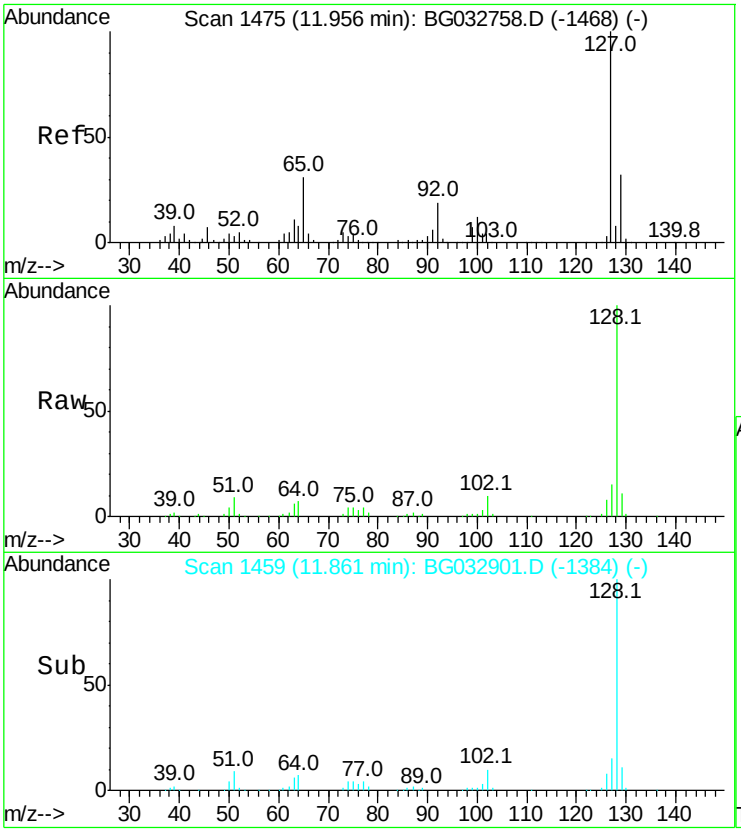


#31
Naphthalene
Concen: 11.962 ng
RT: 11.85 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion:128 Resp: 214819

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.7	11.6	17.4



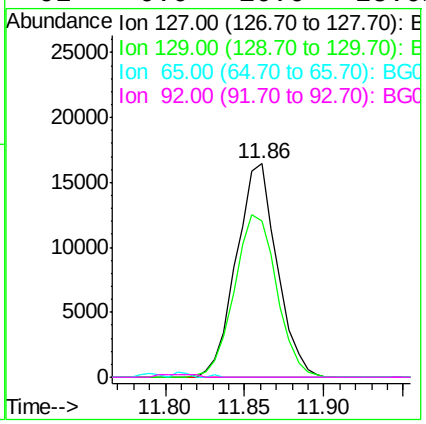


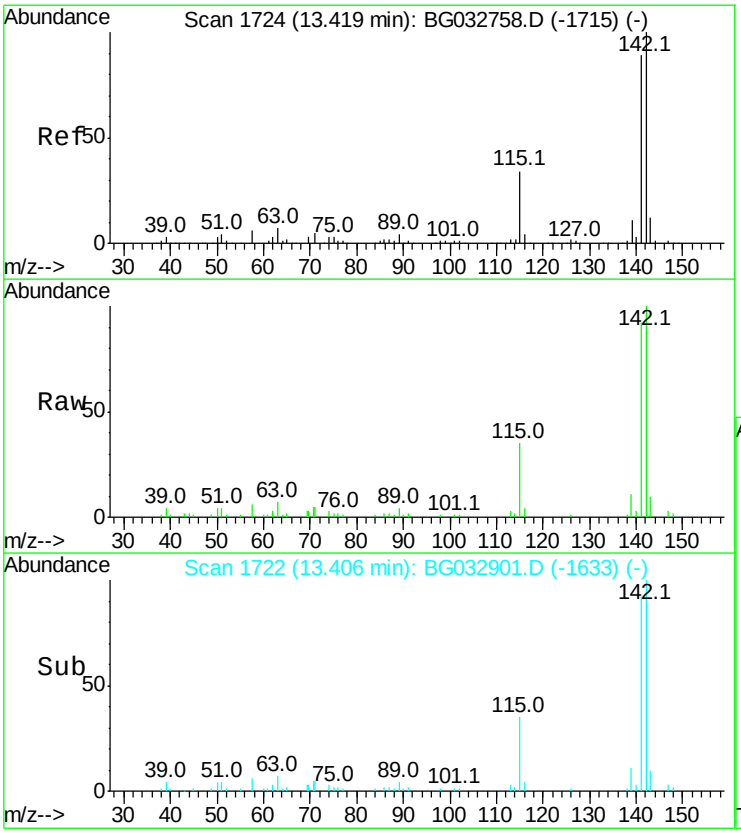
#33
4-Chloroaniline
Concen: 3.643 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.09 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 29251

Ion	Ratio	Lower	Upper
127	100		
129	73.3	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

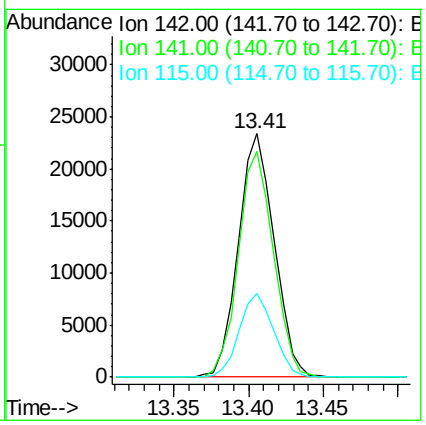


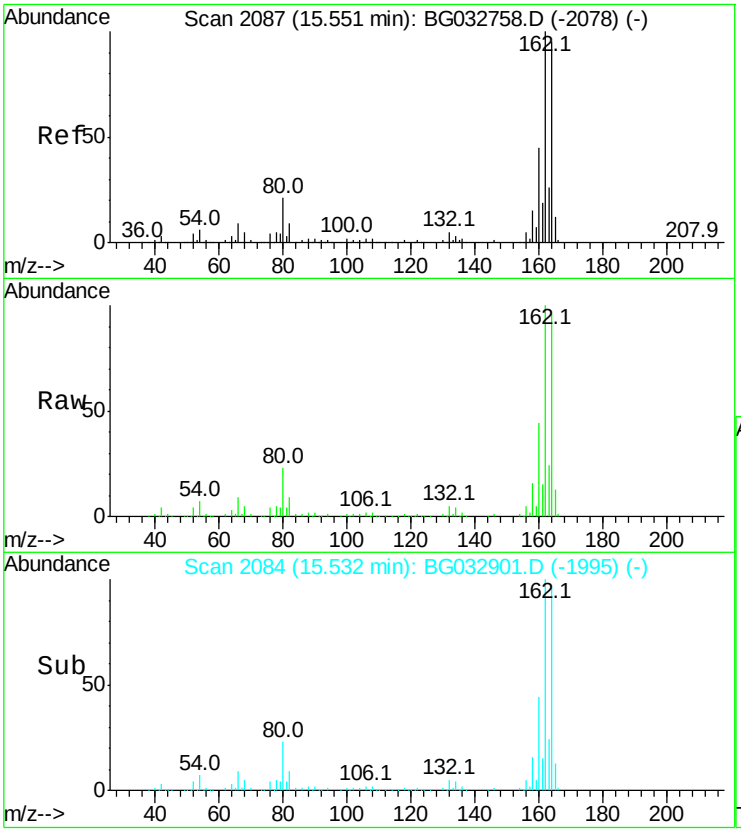


#37
2-Methylnaphthalene
Concen: 2.987 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion:142 Resp: 38812

Ion	Ratio	Lower	Upper
142	100		
141	92.4	67.1	100.7
115	34.6	30.7	46.1



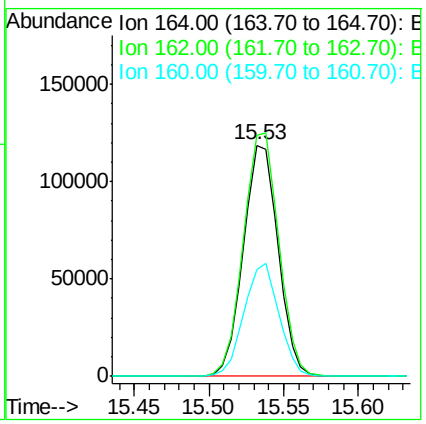


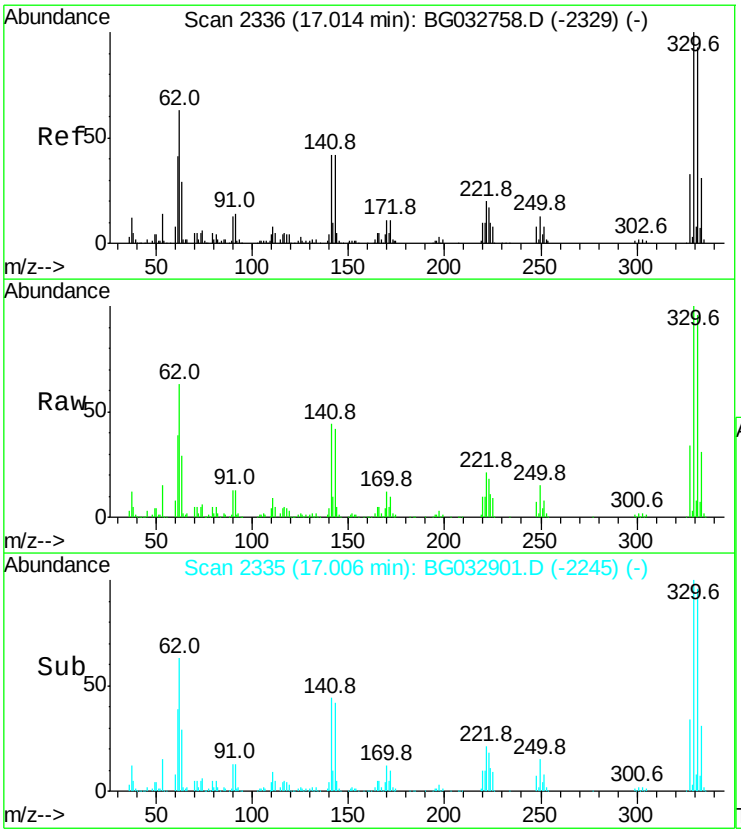
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 189993

Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	45.9	35.4	53.0

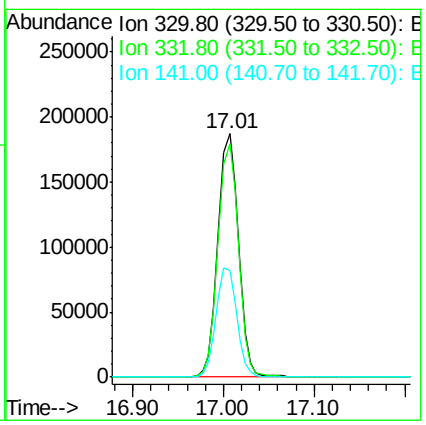


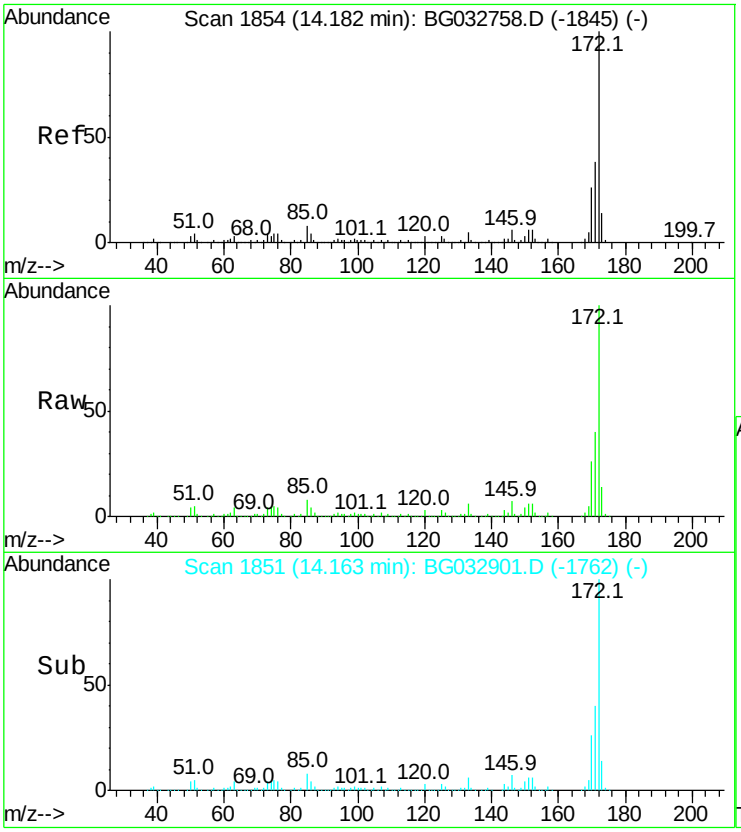


#41
2,4,6-Tribromophenol
Concen: 148.266 ng
RT: 17.01 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion:330 Resp: 296193

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	45.4	25.2	37.8#



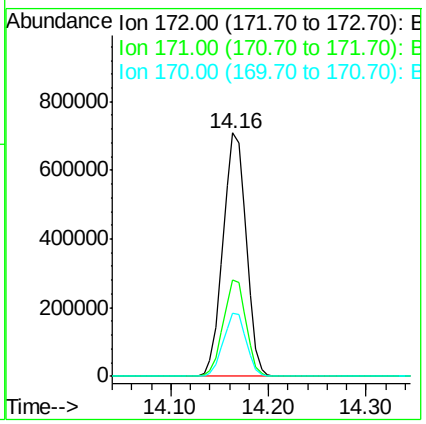


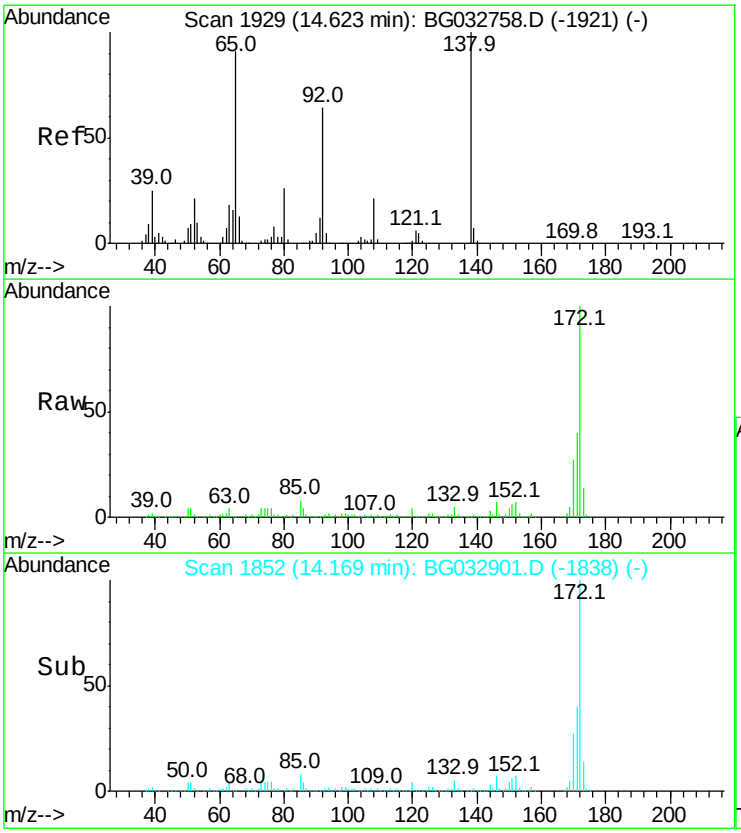
#44
2-Fluorobiphenyl
Concen: 88.522 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1166134

Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	26.1	19.5	29.3

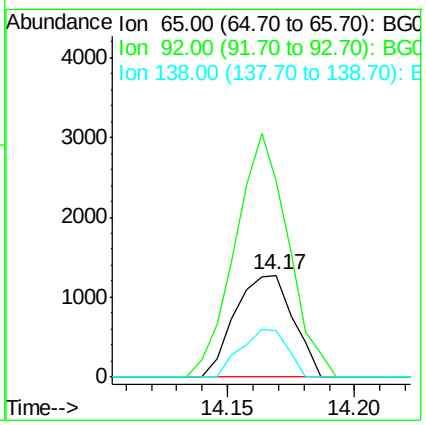


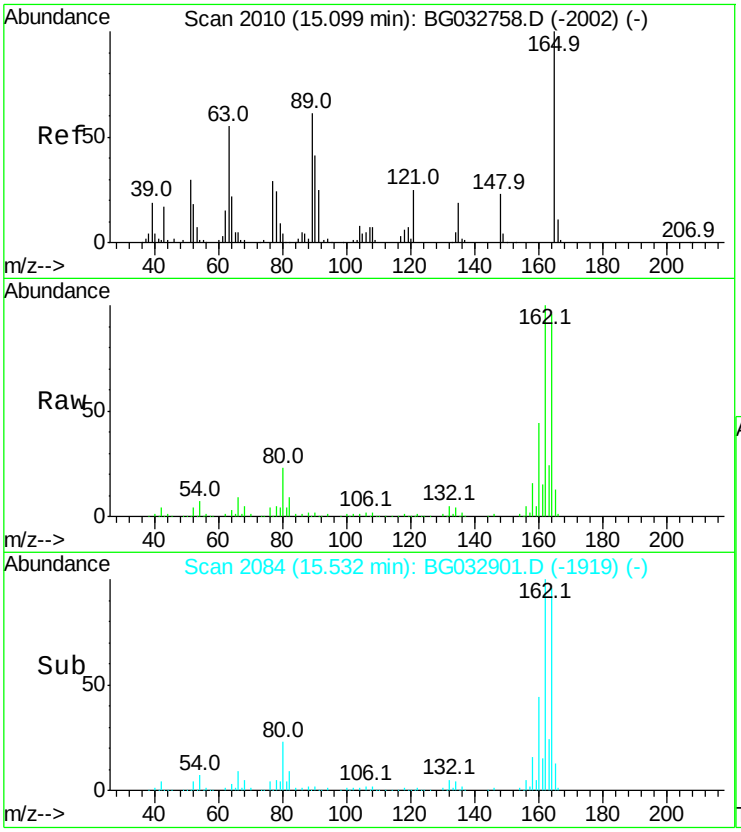


#47
2-Nitroaniline
Concen: 10.354 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.45 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion: 65 Resp: 2037

Ion	Ratio	Lower	Upper
65	100		
92	193.7	54.6	82.0#
138	45.2	72.9	109.3#



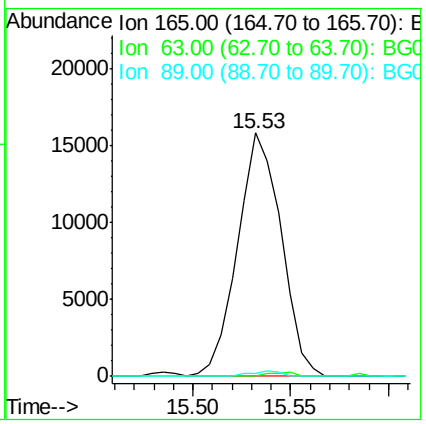


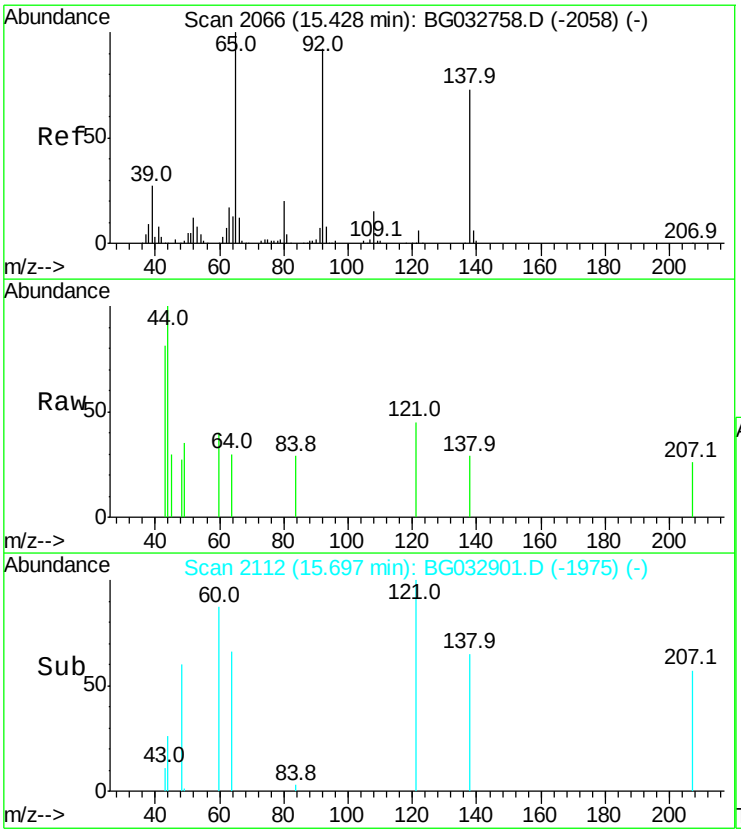
#50
2,6-Dinitrotoluene
Concen: 16.352 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24431

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.5	49.2	73.8#

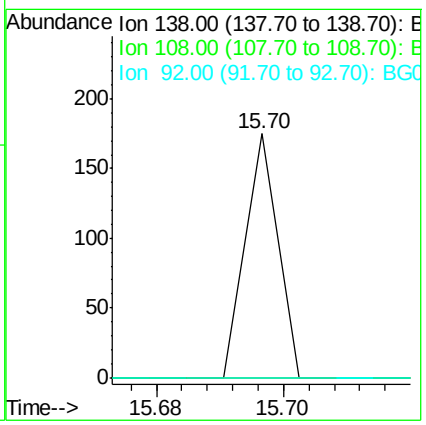


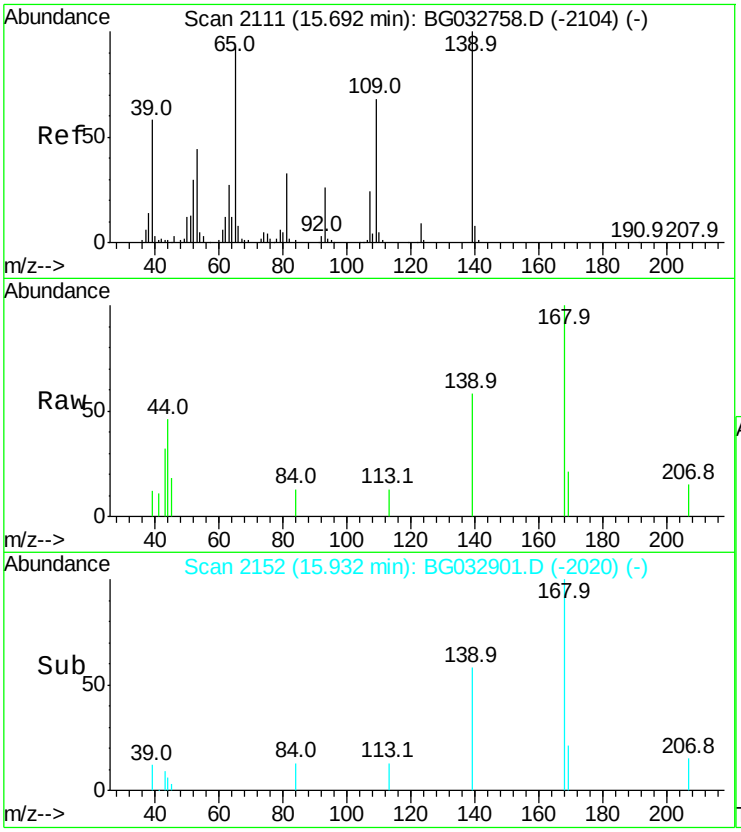


#52
3-Nitroaniline
Concen: 7.559 ng
RT: 15.70 min Scan# 2112
Delta R.T. 0.27 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion:138 Resp: 62

Ion	Ratio	Lower	Upper
138	100		
108	0.0	17.5	26.3#
92	0.0	105.8	158.8#



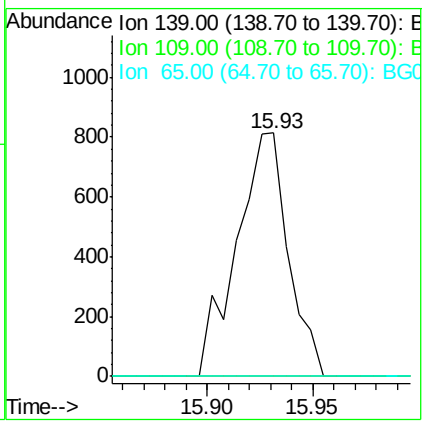


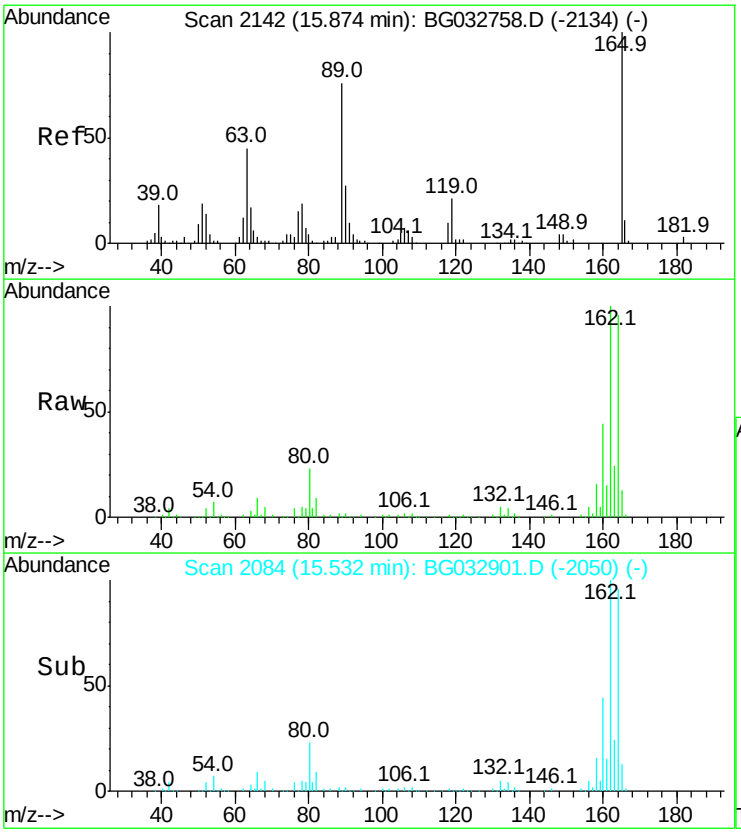
#55
4-Nitrophenol
Concen: 7.559 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.24 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 1388

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

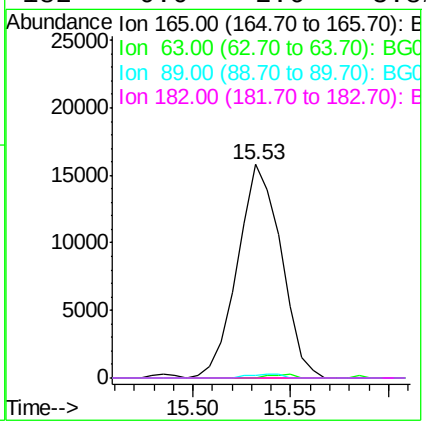


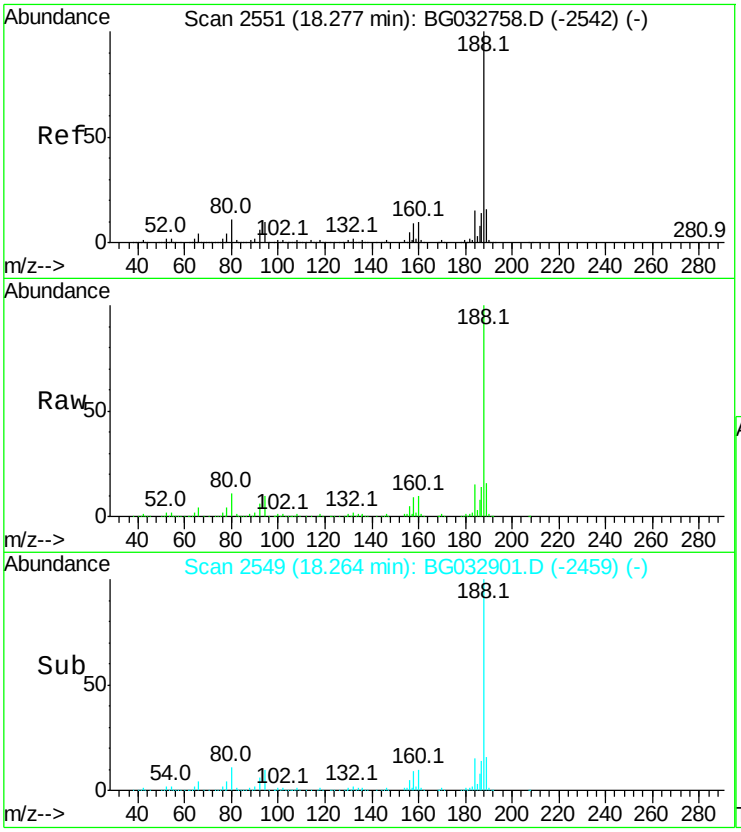


#56
2,4-Dinitrotoluene
Concen: 14.549 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.33 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion:165 Resp: 24431

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#



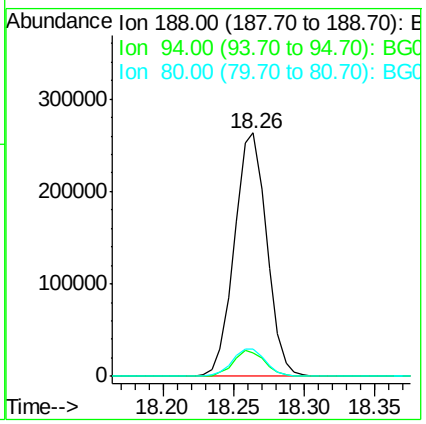


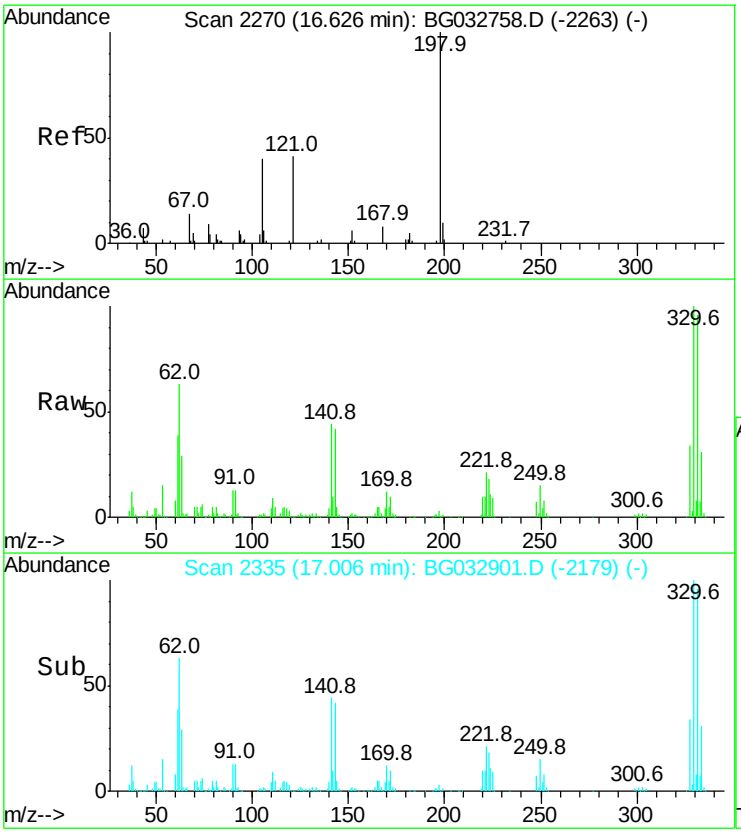
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 421170

Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.9	10.3
80	11.1	7.7	11.5

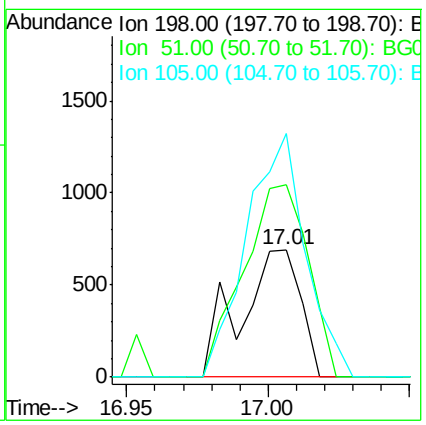


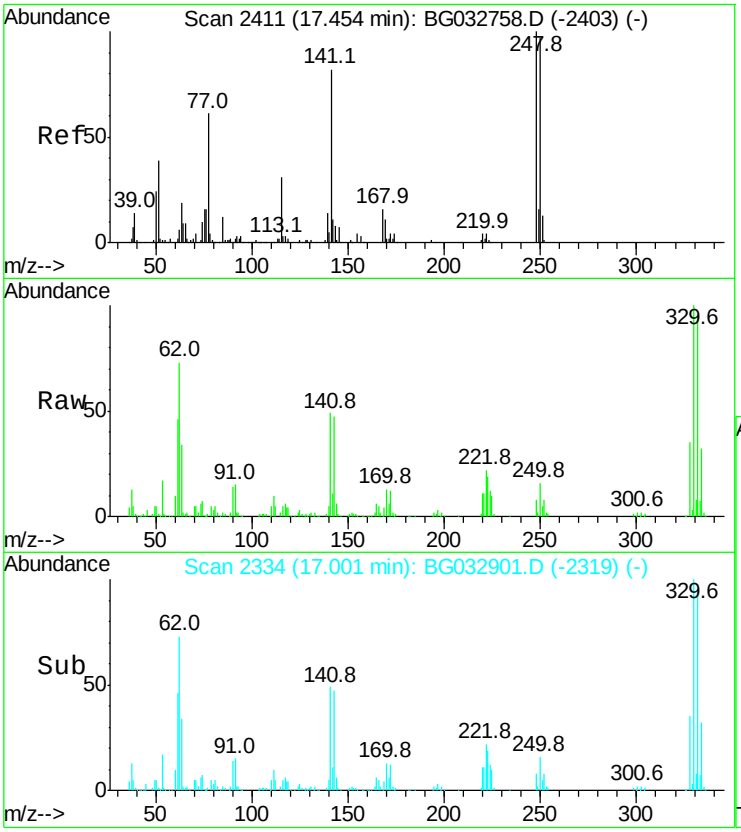


#64
4,6-Dinitro-2-methylphenol
Concen: 5.971 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.38 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion:198 Resp: 1015

Ion	Ratio	Lower	Upper
198	100		
51	151.2	30.6	70.6#
105	191.0	23.8	63.8#



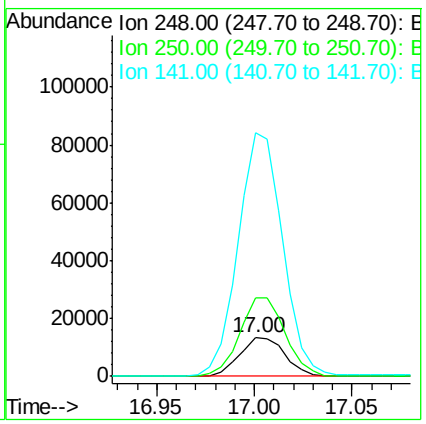


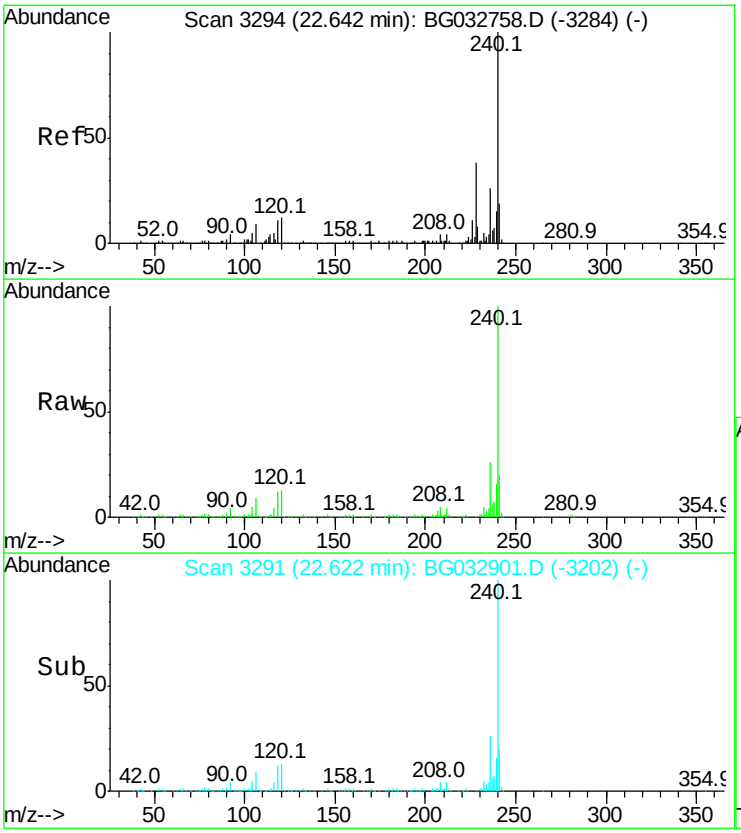
#66
4-Bromophenyl-phenylether
Concen: 4.911 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.44 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 21870

Ion	Ratio	Lower	Upper
248	100		
250	203.7	77.1	115.7#
141	631.1	50.8	76.2#

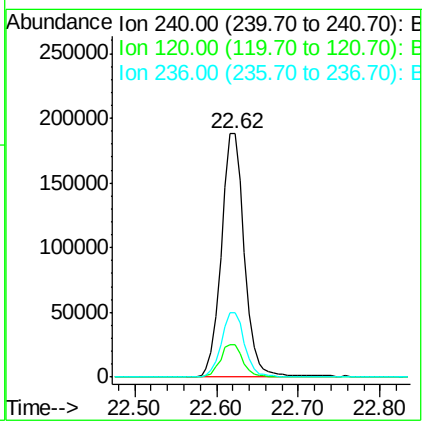


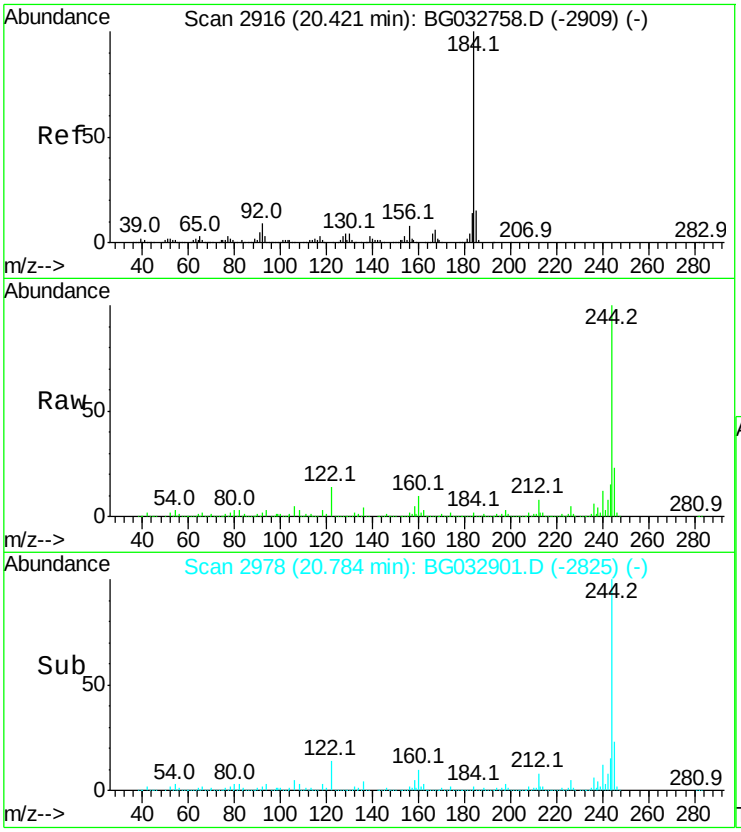


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. -0.01 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion:240 Resp: 370533

Ion	Ratio	Lower	Upper
240	100		
120	13.2	6.8	10.2#
236	26.4	20.9	31.3



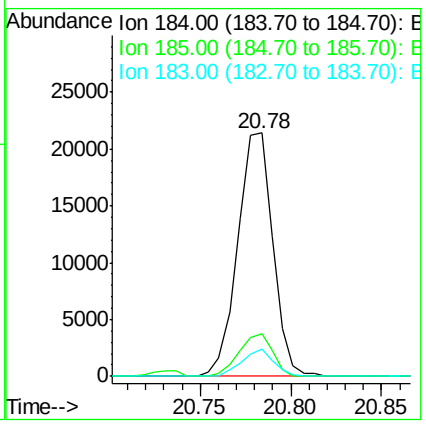


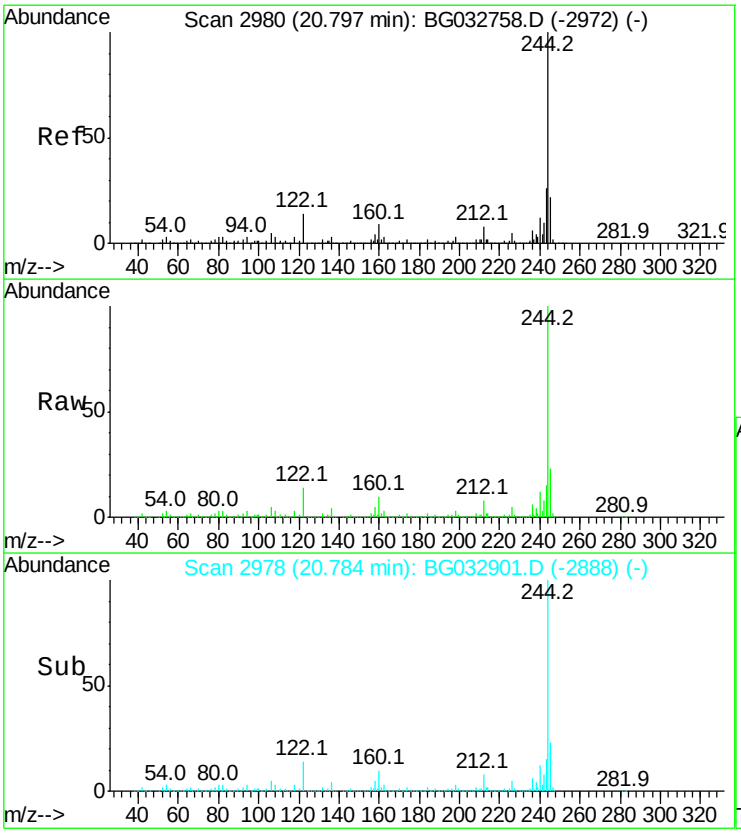
#76
Benzidine
Concen: 2.291 ng
RT: 20.78 min Scan# 2978
Delta R.T. 0.37 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 28932

Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.1	16.7#
183	11.4	10.6	16.0

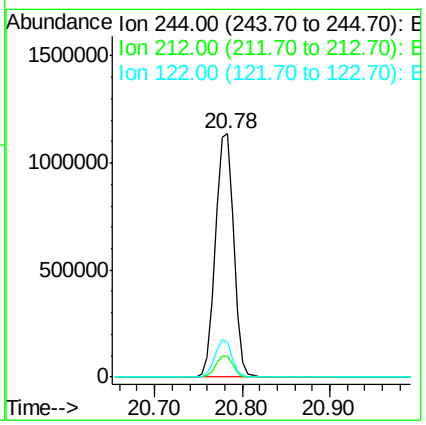


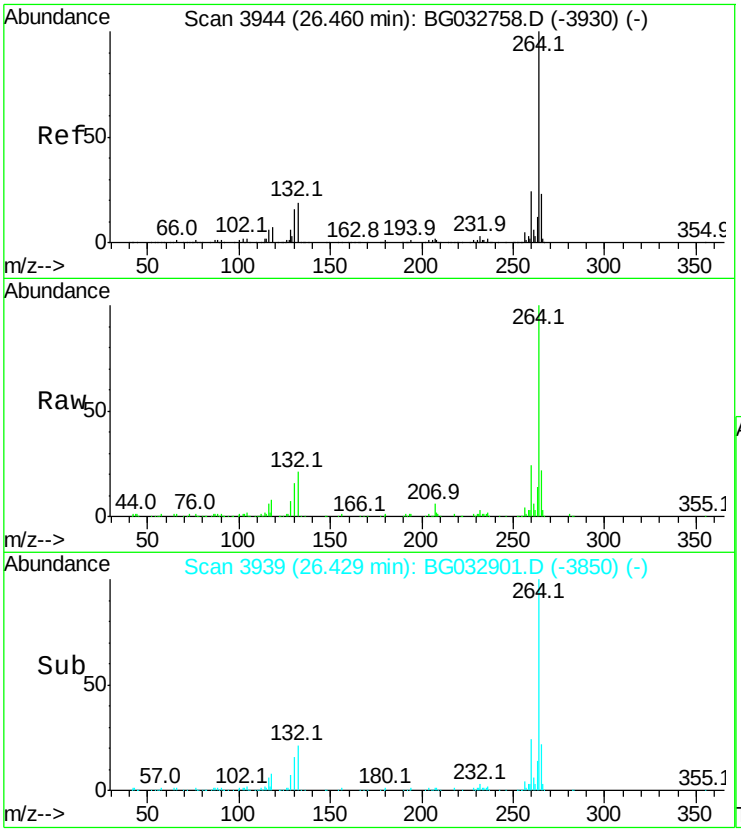


#78
Terphenyl-d14
Concen: 100.576 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Tgt Ion:244 Resp: 1658710

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	14.2	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032901.D
Acq: 28 Feb 2018 23:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 342454

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.1	17.7	26.5