Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022218\
Data File : BG032786.D
Acq On : 22 Feb 2018 18:20
Operator : SJ/JU
Sample : J1637-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT4259-RT3090-RBR200030-RBR42

Quant Time: Feb 23 00:48:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 21 15:45:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	82448	20.00	ng	-0.01
21) Naphthalene-d8	11.81	136	352707	20.00	ng	-0.01
38) Acenaphthene-d10	15.54	164	196477	20.00	ng	-0.01
63) Phenanthrene-d10	18.27	188	435725	20.00	ng	-0.01
75) Chrysene-d12	22.62	240	398149	20.00	ng	-0.02
86) Perylene-d12	26.44	264	421384	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	621072	120.52	ng	0.00
7) Phenol-d6	8.02	99	738967	102.87	ng	0.00
23) Nitrobenzene-d5	10.12	82	533761	102.68	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	287424	139.13	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1221050	89.63	ng	-0.01
78) Terphenyl-d14	20.79	244	1654715	93.37	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	9874	4.415	ng	# 1
19) n-Nitroso-di-n-propylamine	10.12	70	68975	13.601	ng	# 82
24) Nitrobenzene	10.12	77	1666	6.637	ng	# 41
31) Naphthalene	11.86	128	57757	3.134	ng	98
47) 2-Nitroaniline	14.17	65	2259	10.391	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	26215	16.632	ng	# 20
52) 3-Nitroaniline	15.71	138	60	7.558	ng	# 1
55) 4-Nitrophenol	15.93	139	1864	7.702	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	26215	14.831	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.01	198	831	5.759	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	20638	4.479	ng	# 1
76) Benzidine	20.79	184	28629	2.109	ng	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022218\
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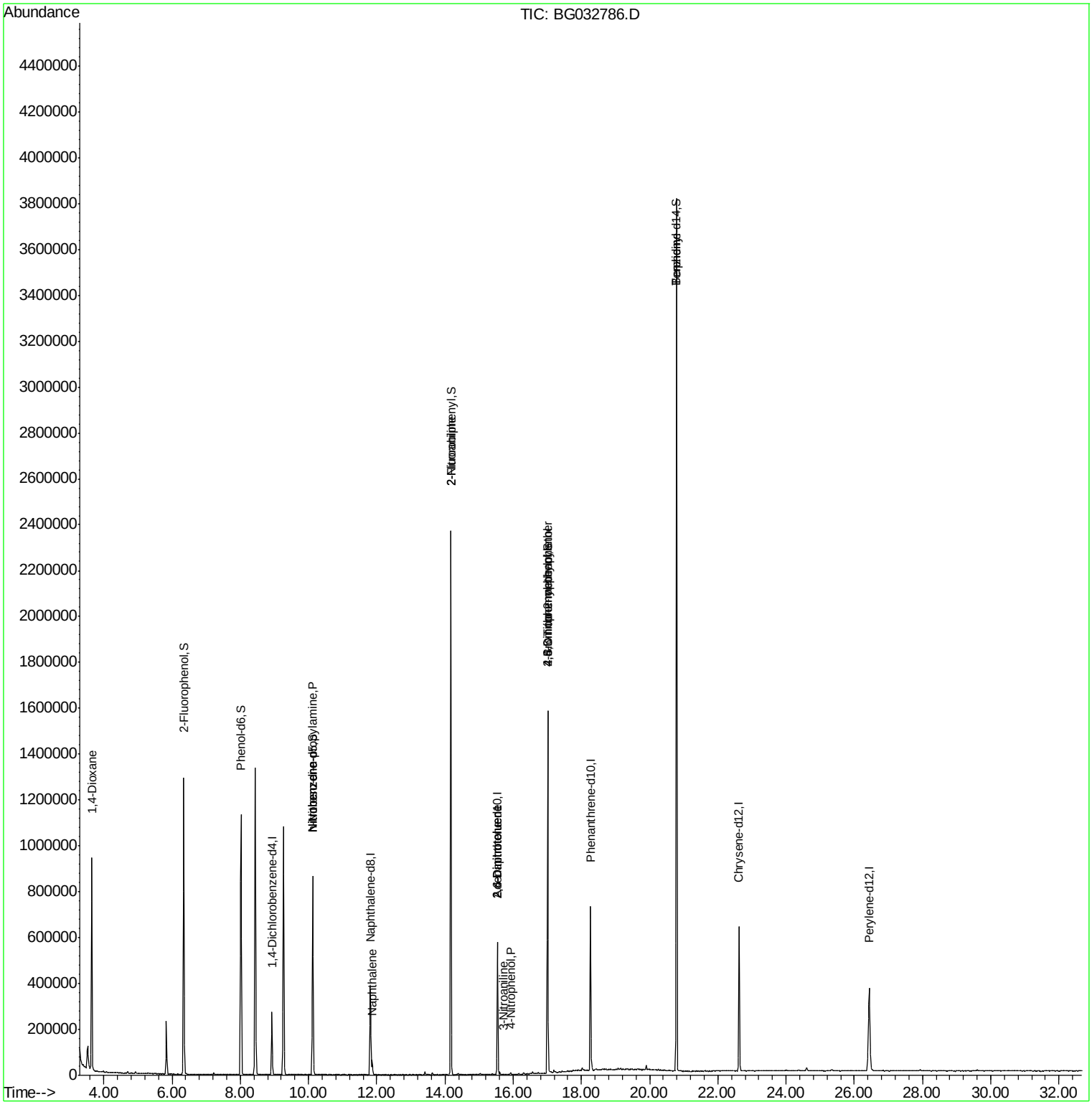
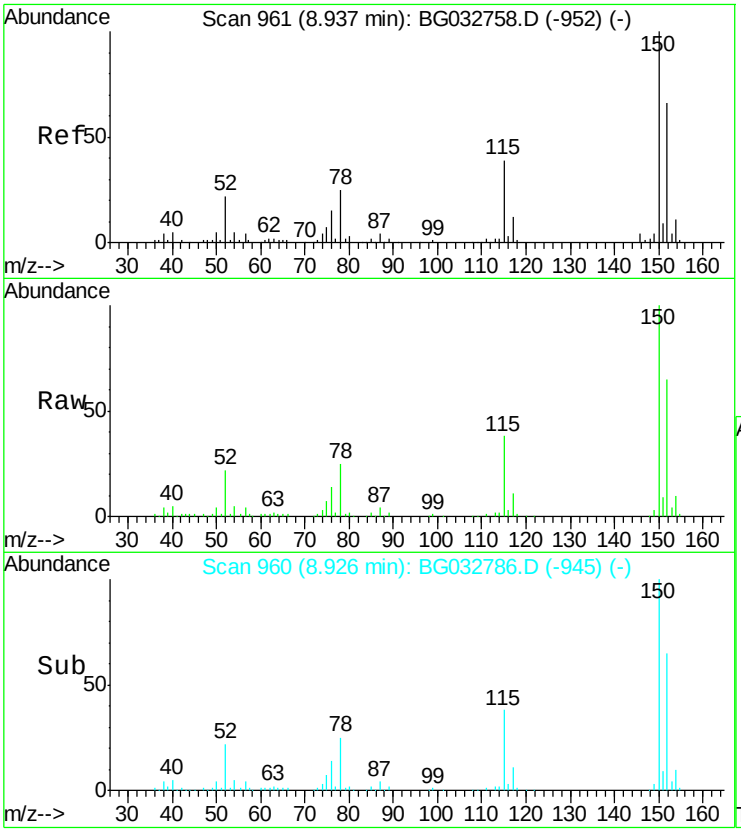
Acq On : 22 Feb 2018 18:20
Operator : SJ/JU
Sample : J1637-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Quant Time: Feb 23 00:48:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 21 15:45:53 2018
Response via : Initial Calibration



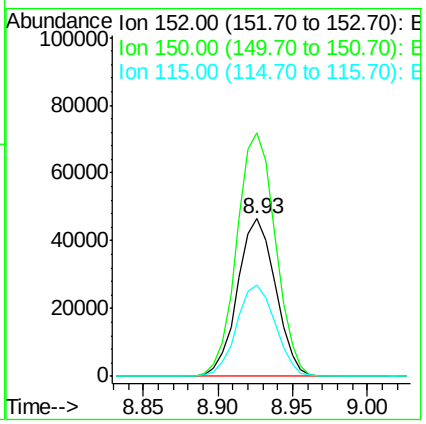


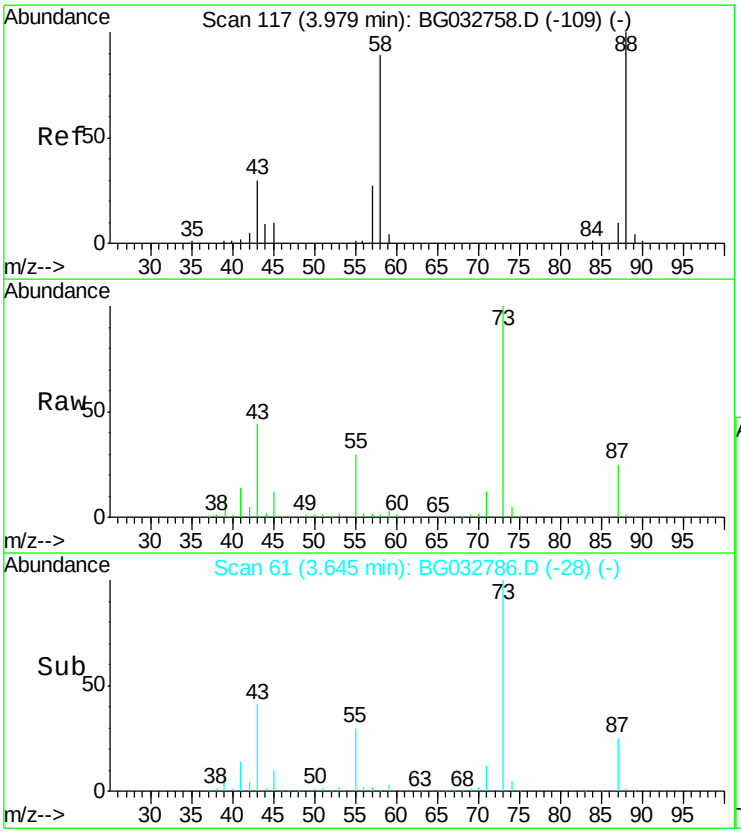
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tgt Ion:152 Resp: 82448

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.6	189.8
115	58.2	53.0	79.4

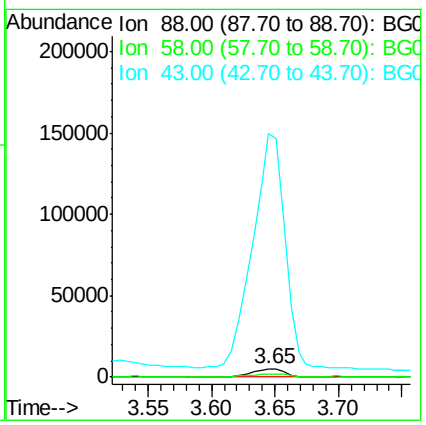


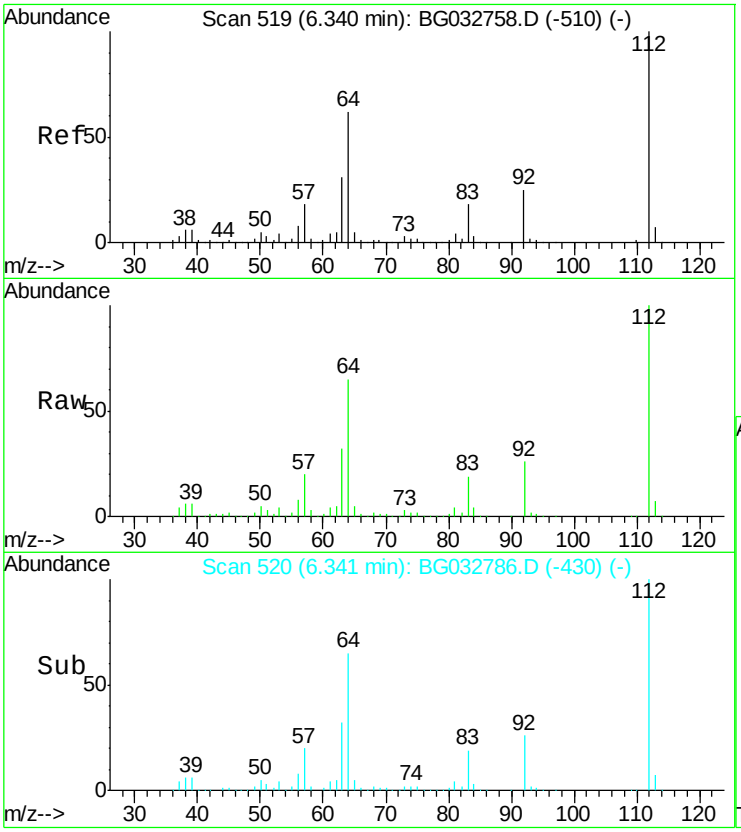


#2
1,4-Dioxane
Concen: 4.415 ng
RT: 3.65 min Scan# 61
Delta R.T. -0.33 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion: 88 Resp: 9874

Ion	Ratio	Lower	Upper
88	100		
58	33.8	79.6	119.4#
43	2636.5	27.4	41.0#



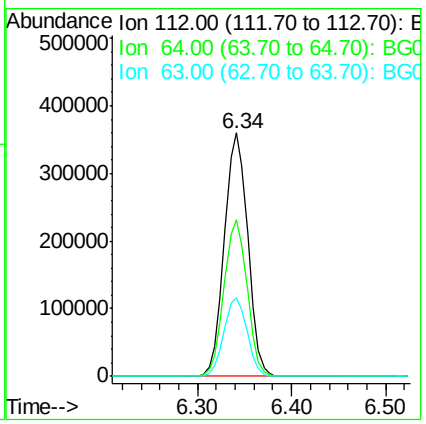


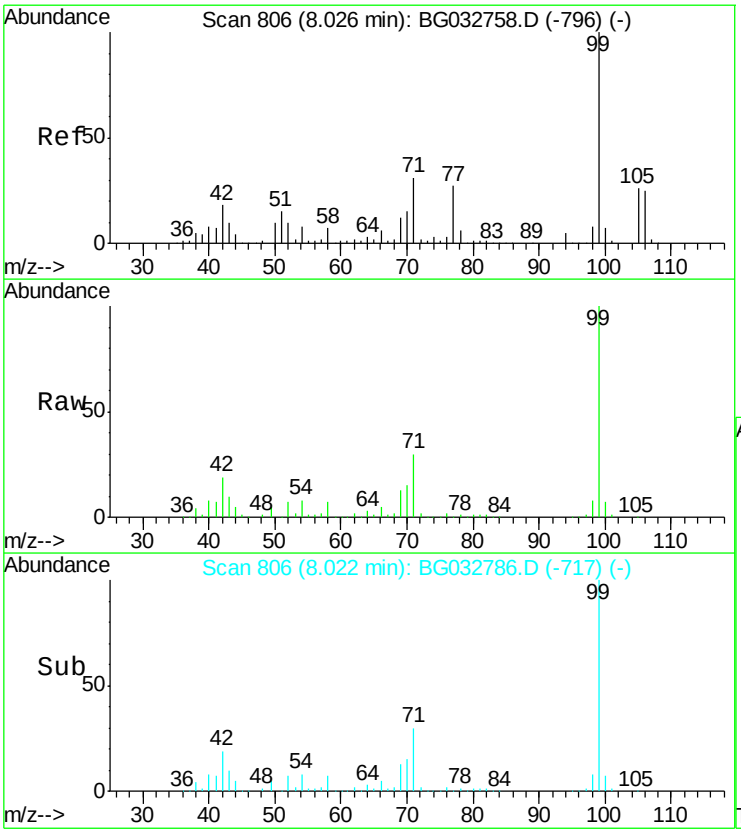
#5
2-Fluorophenol
Concen: 120.515 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.00 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tgt Ion:112 Resp: 621072

Ion	Ratio	Lower	Upper
112	100		
64	64.5	56.3	84.5
63	32.4	30.1	45.1

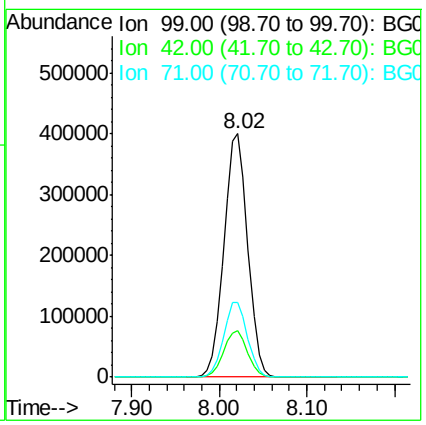


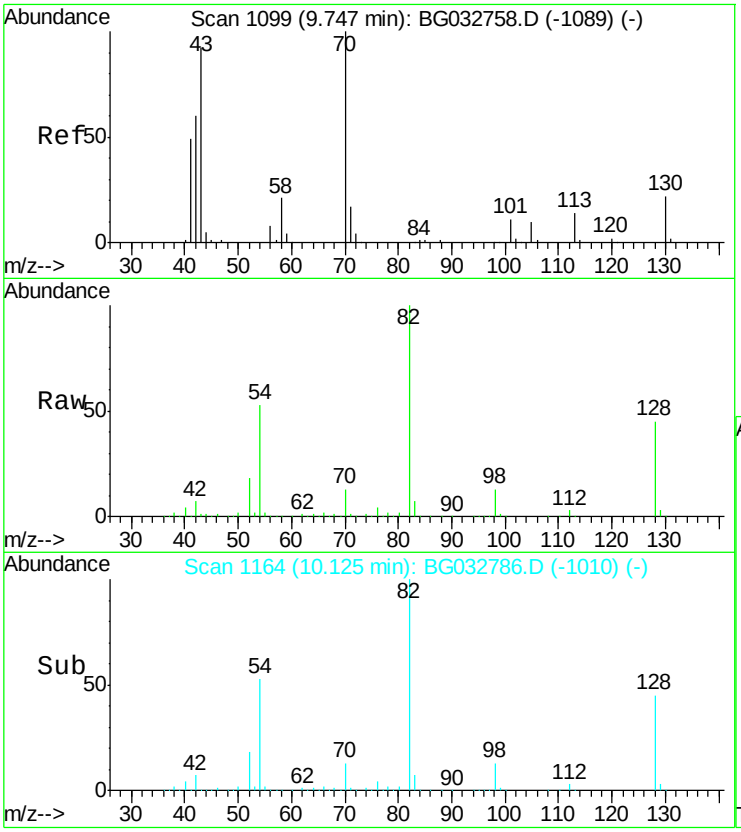


#7
Phenol-d6
Concen: 102.874 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion: 99 Resp: 738967

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.1	21.1
71	30.4	26.1	39.1



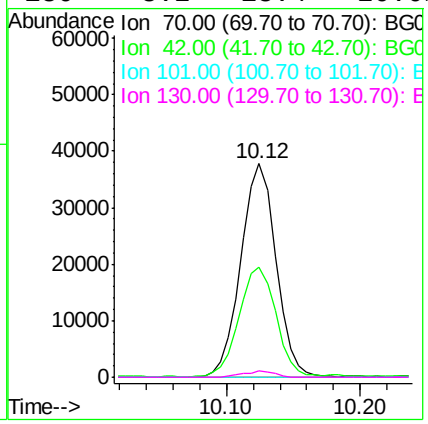


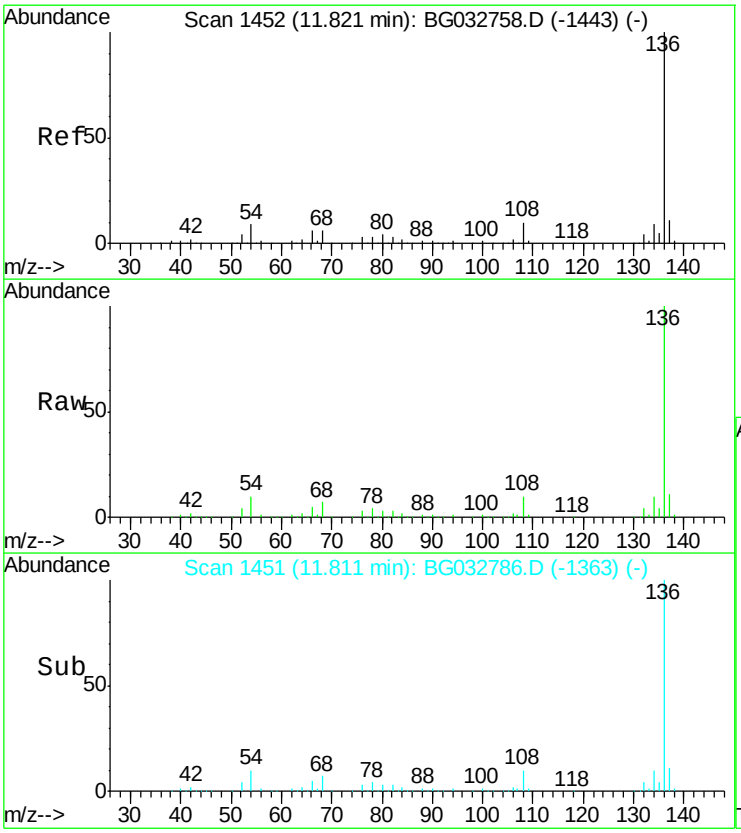
#19
n-Nitroso-di-n-propylamine
Concen: 13.601 ng
RT: 10.12 min Scan# 1164
Delta R.T. 0.38 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tgt Ion: 70 Resp: 68975

Ion	Ratio	Lower	Upper
70	100		
42	51.6	49.1	73.7
101	0.0	8.5	12.7#
130	3.2	13.4	20.0#

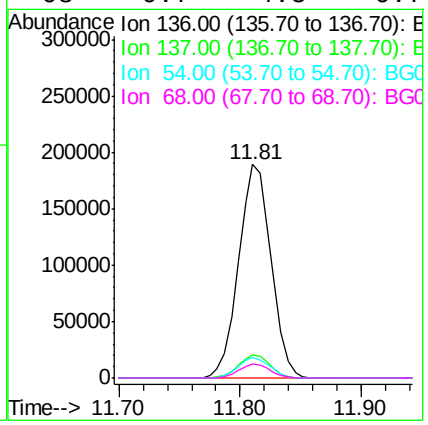


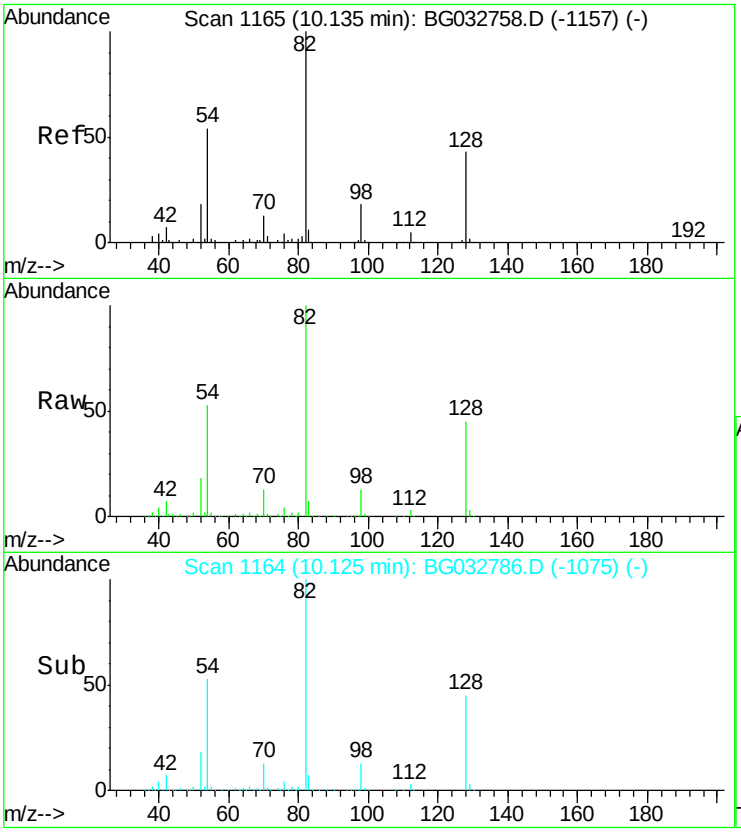


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion:136 Resp: 352707

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	9.6	10.3	15.5#
68	6.7	4.5	6.7



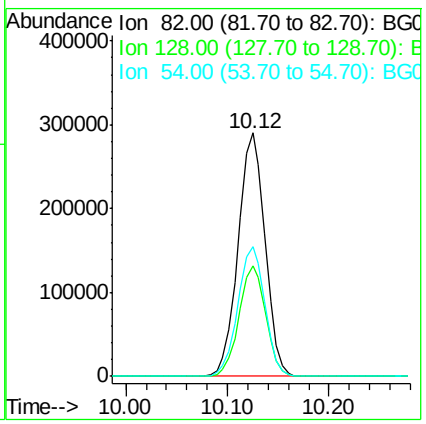


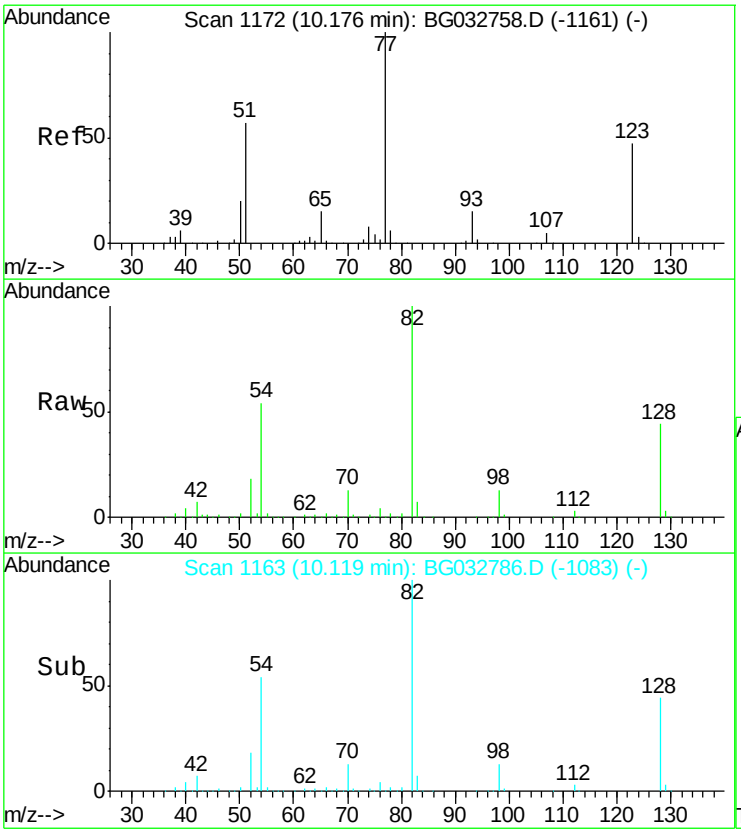
#23
Nitrobenzene-d5
Concen: 102.683 ng
RT: 10.12 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tgt Ion: 82 Resp: 533761

Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5#
54	53.4	43.1	64.7

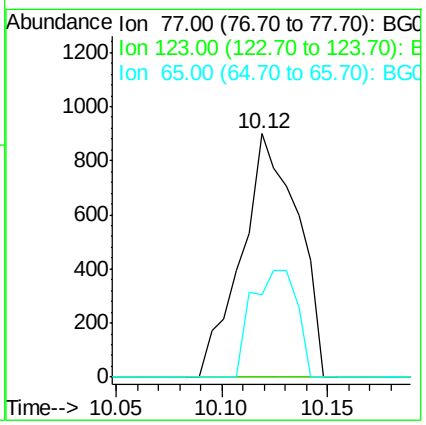


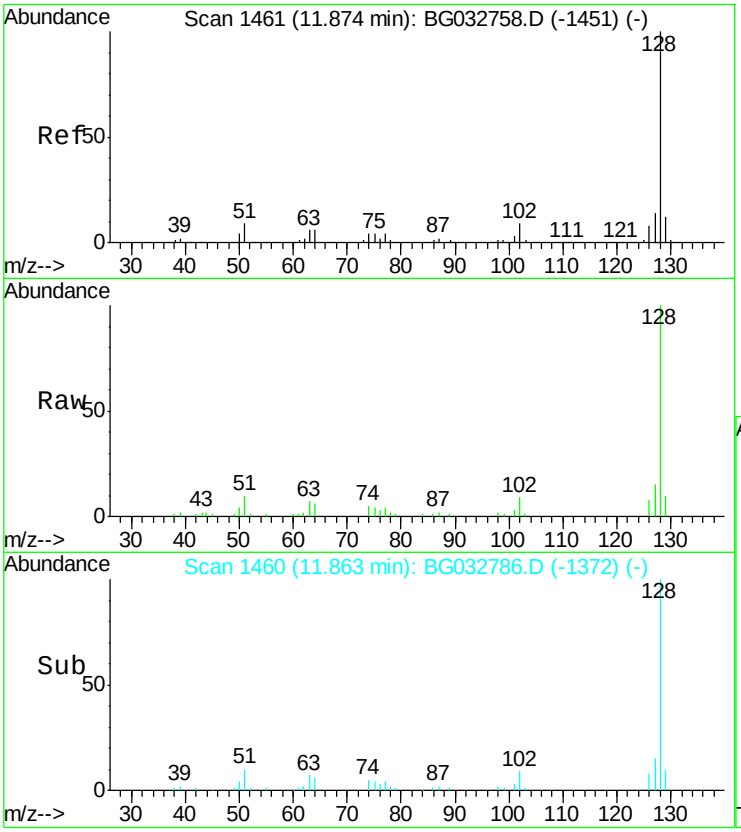


#24
Nitrobenzene
Concen: 6.637 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.06 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion: 77 Resp: 1666

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	33.7	13.0	19.6#



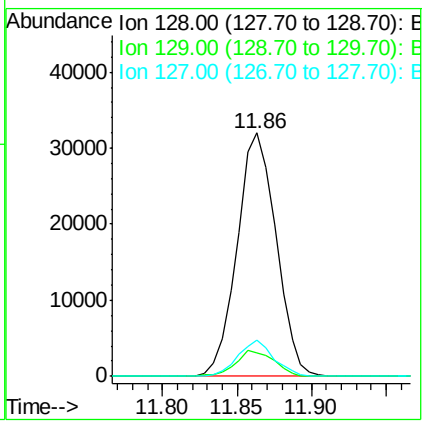


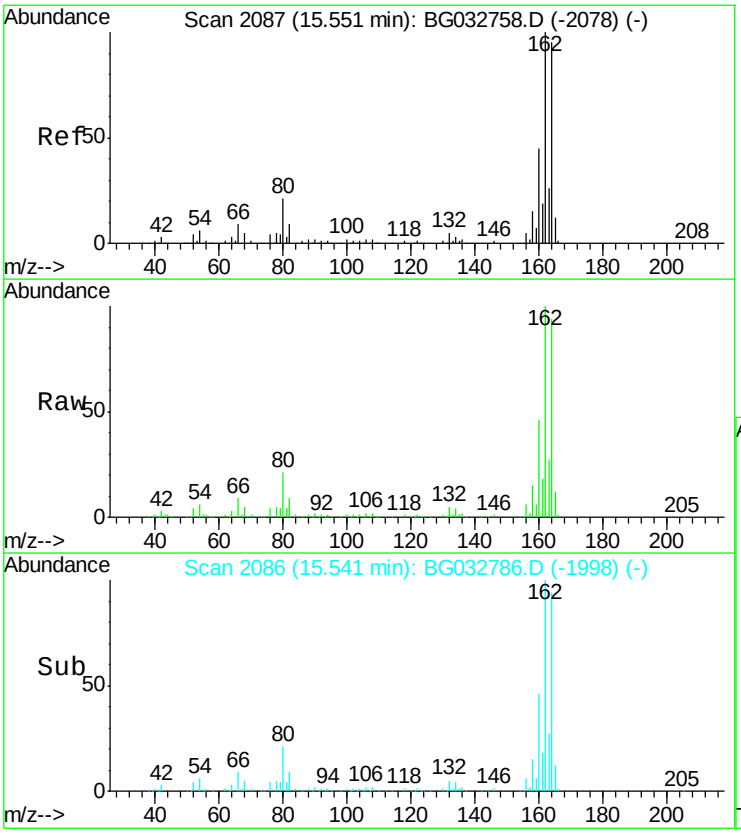
#31
Naphthalene
Concen: 3.134 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tgt Ion:128 Resp: 57757

Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.6	12.8
127	14.9	11.6	17.4

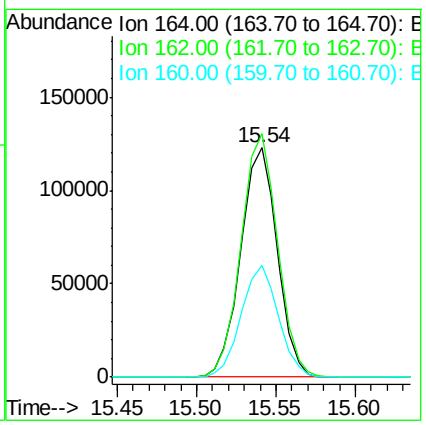


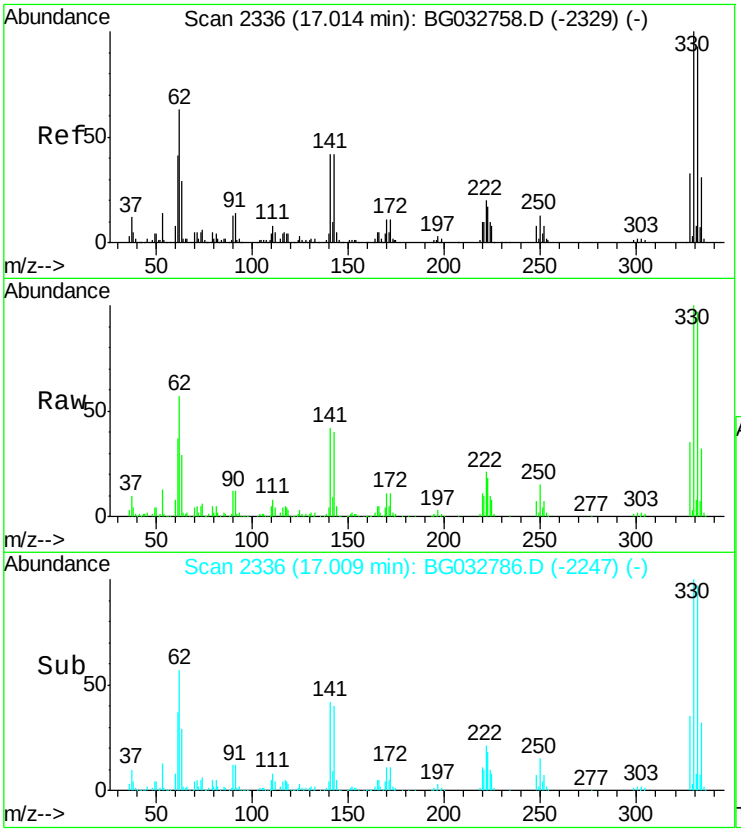


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion:164 Resp: 196477

Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.8	118.2
160	48.5	35.4	53.0



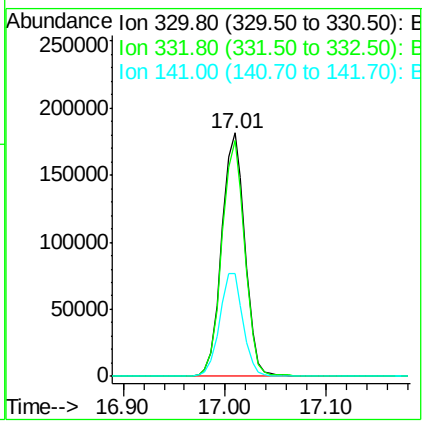


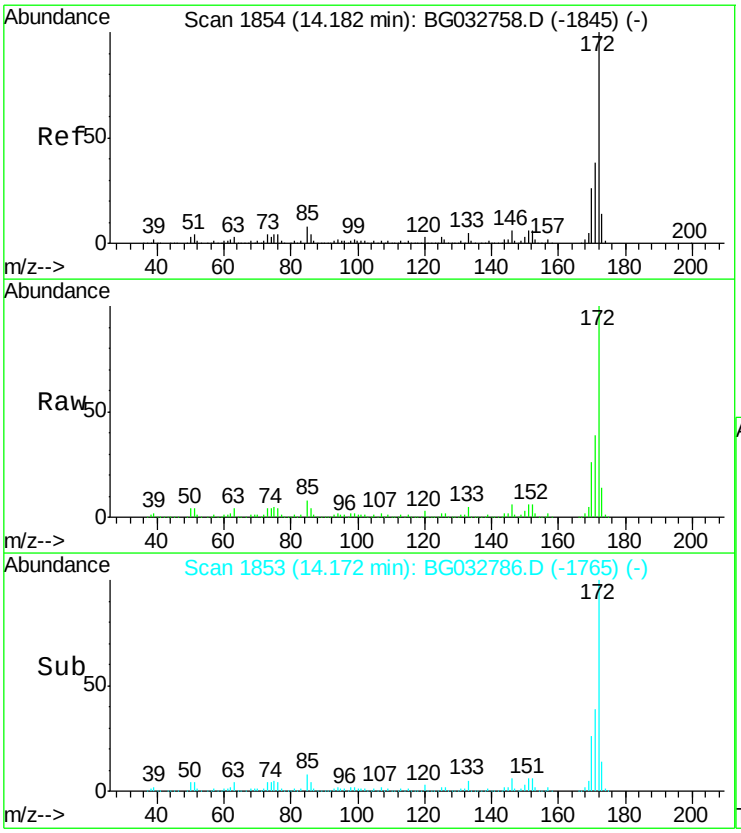
#41
2,4,6-Tribromophenol
Concen: 139.129 ng
RT: 17.01 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tgt Ion:330 Resp: 287424

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	42.8	25.2	37.8#

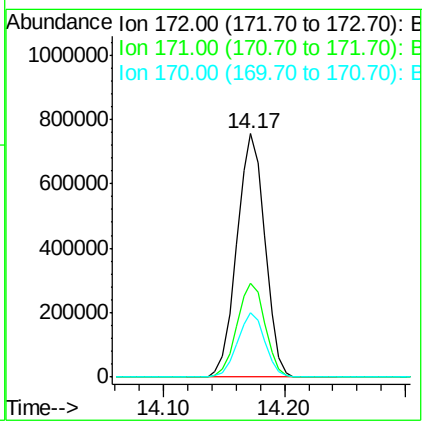


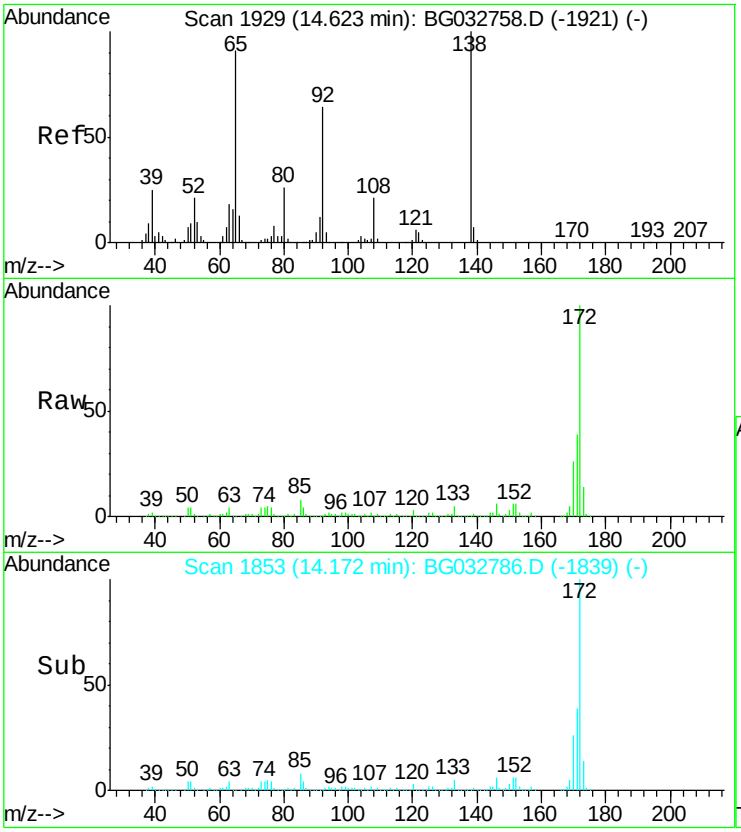


#44
2-Fluorobiphenyl
Concen: 89.632 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion:172 Resp: 1221050

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	26.3	19.5	29.3



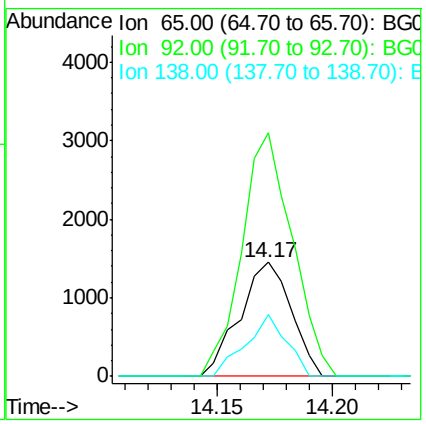


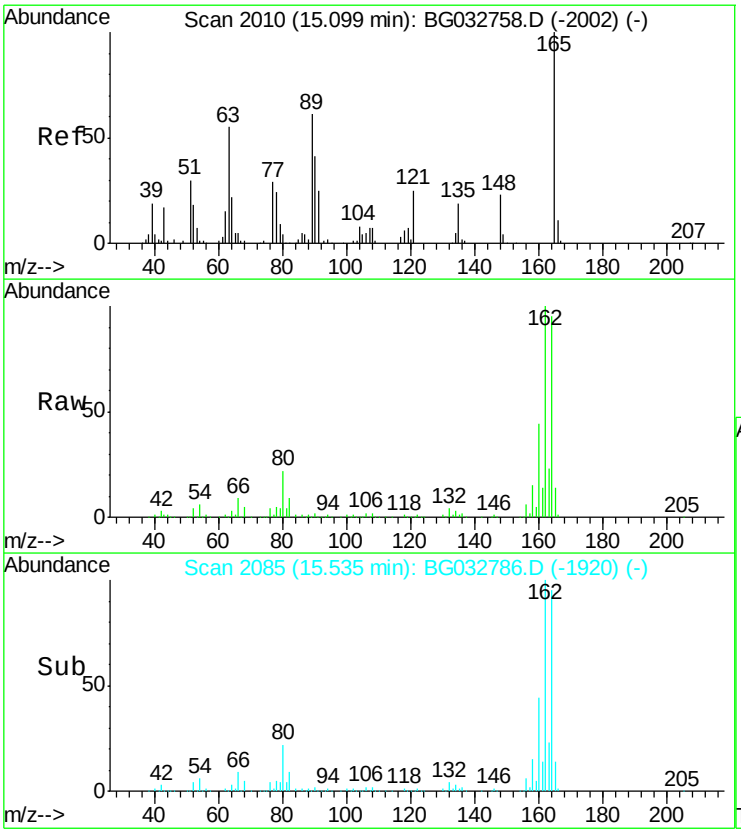
#47
2-Nitroaniline
Concen: 10.391 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.45 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tgt Ion: 65 Resp: 2259

Ion	Ratio	Lower	Upper
65	100		
92	213.2	54.6	82.0#
138	54.2	72.9	109.3#

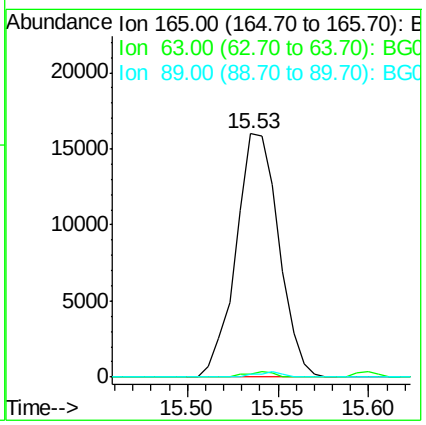


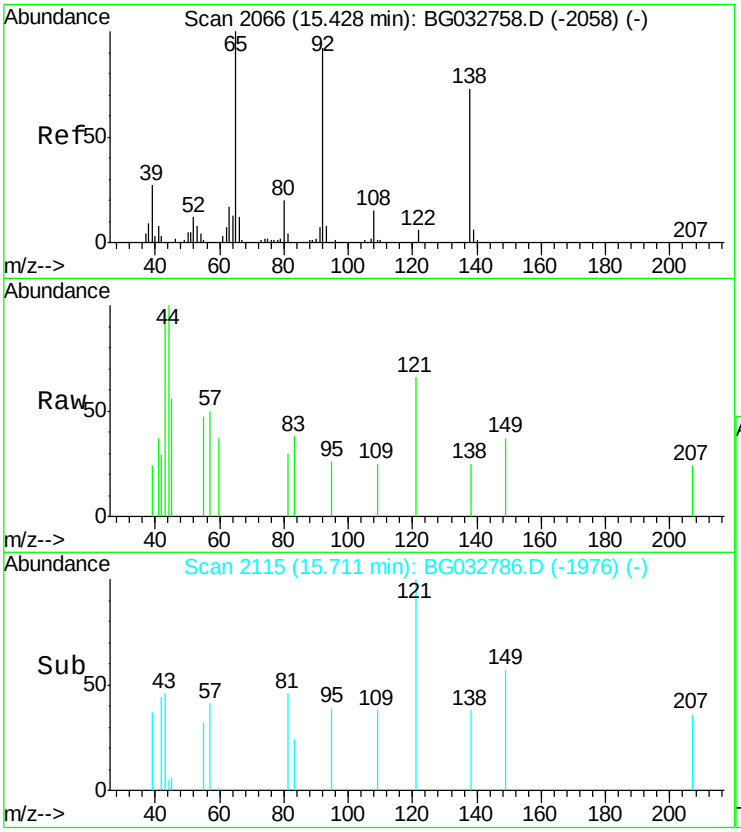


#50
2,6-Dinitrotoluene
Concen: 16.632 ng
RT: 15.53 min Scan# 2085
Delta R.T. 0.44 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion:165 Resp: 26215

Ion	Ratio	Lower	Upper
165	100		
63	1.2	52.7	79.1#
89	1.3	49.2	73.8#



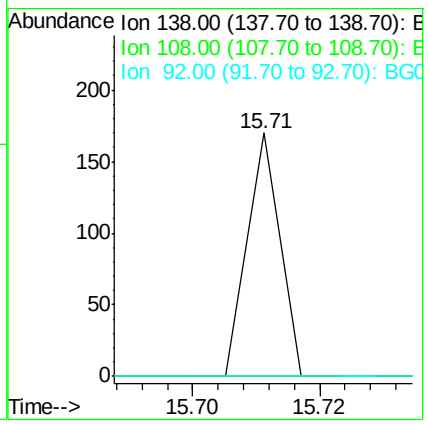


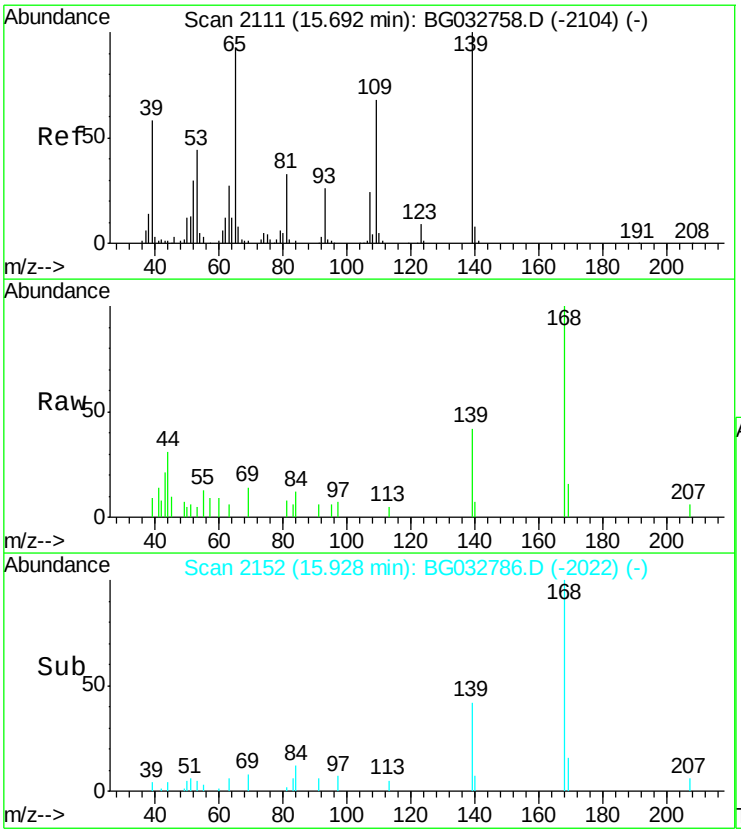
#52
3-Nitroaniline
Concen: 7.558 ng
RT: 15.71 min Scan# 2115
Delta R.T. 0.28 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tgt Ion:138 Resp: 60

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

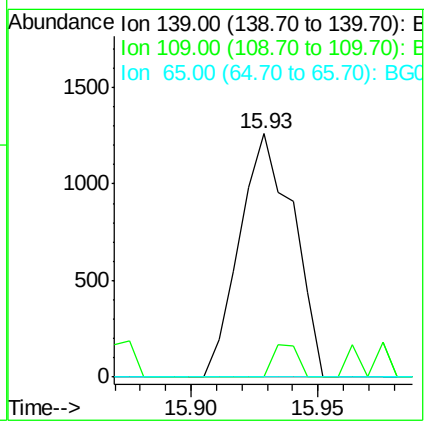


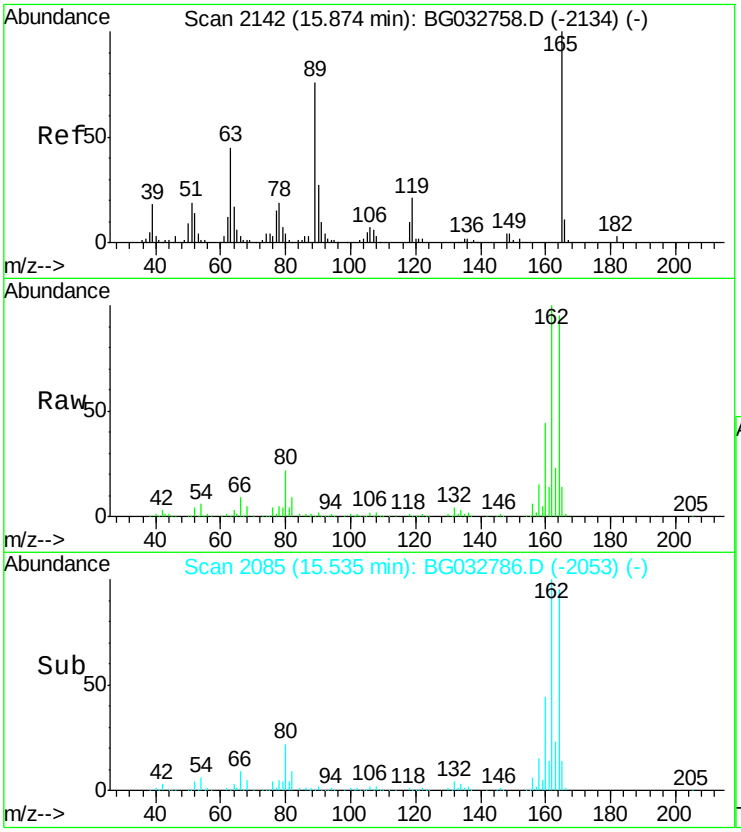


#55
4-Nitrophenol
Concen: 7.702 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.24 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion:139 Resp: 1864

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



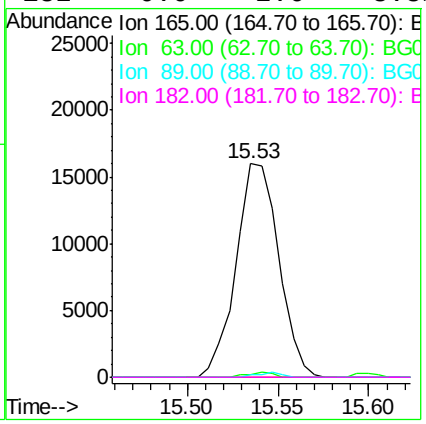


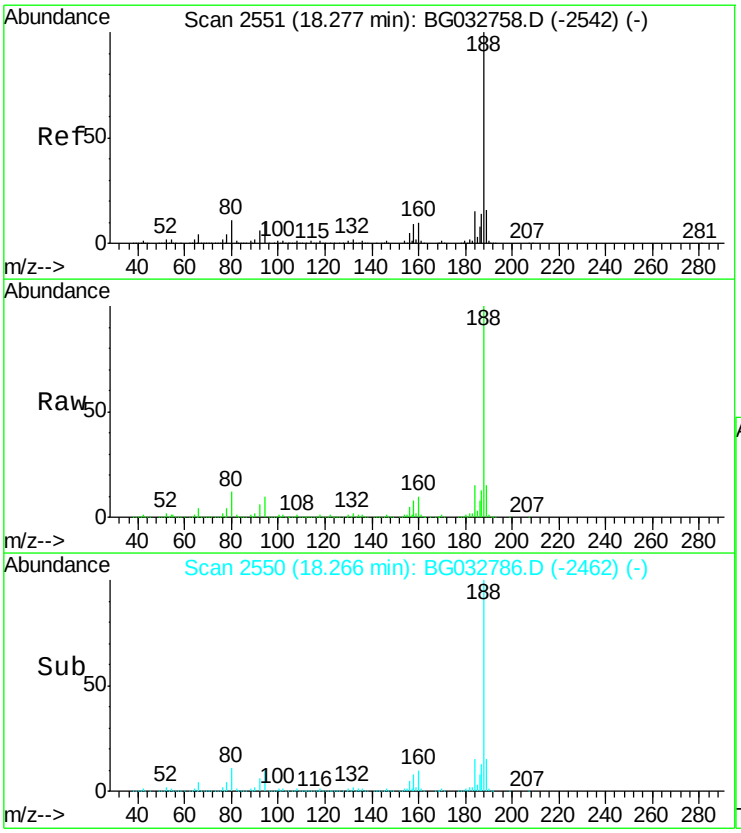
#56
2,4-Dinitrotoluene
Concen: 14.831 ng
RT: 15.53 min Scan# 2085
Delta R.T. -0.34 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tgt Ion:165 Resp: 26215

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.0	63.0#
89	1.3	66.9	100.3#
182	0.0	2.6	3.8#

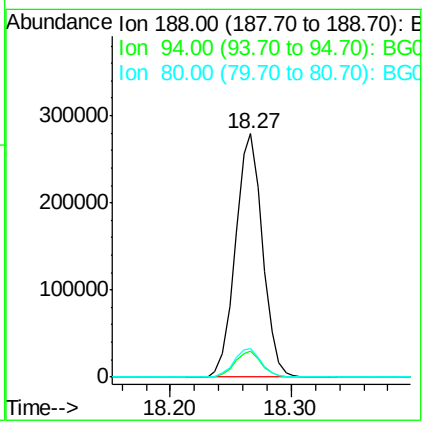


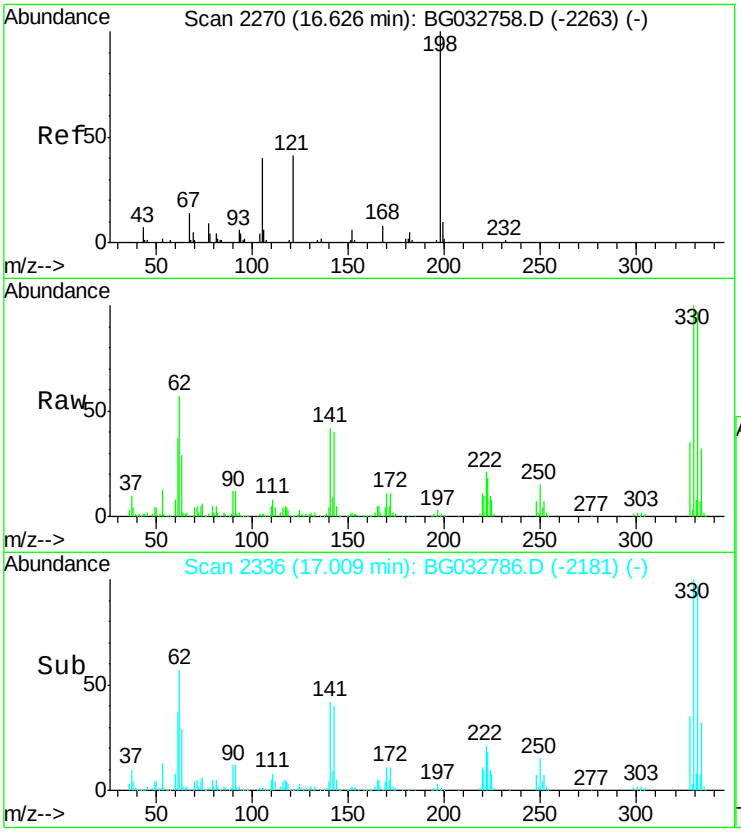


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.01 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion:188 Resp: 435725

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



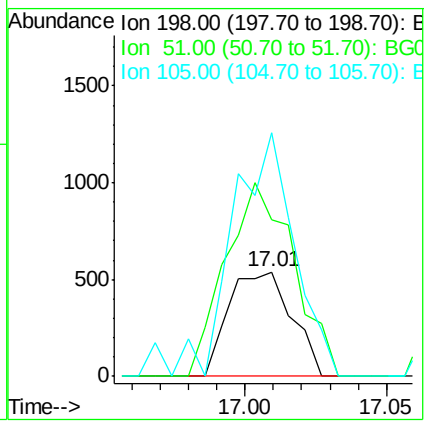


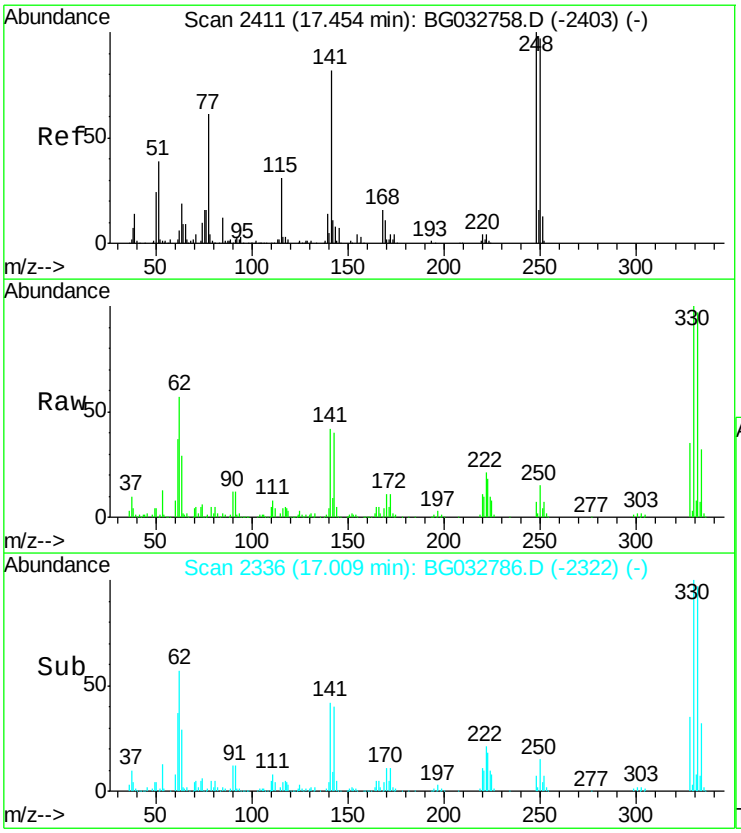
#64
4,6-Dinitro-2-methylphenol
Concen: 5.759 ng
RT: 17.01 min Scan# 2336
Delta R.T. 0.38 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tgt Ion:198 Resp: 831

Ion	Ratio	Lower	Upper
198	100		
51	150.7	30.6	70.6#
105	233.8	23.8	63.8#

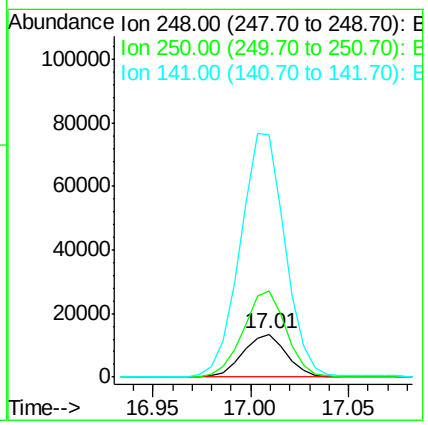


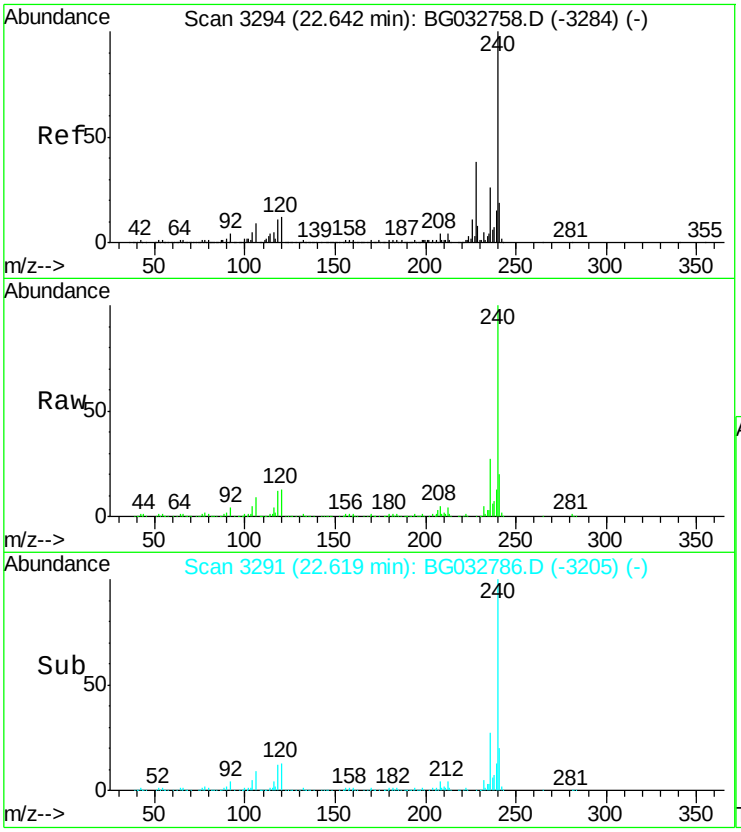


#66
4-Bromophenyl-phenylether
Concen: 4.479 ng
RT: 17.01 min Scan# 2336
Delta R.T. -0.45 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion:248 Resp: 20638

Ion	Ratio	Lower	Upper
248	100		
250	202.8	77.1	115.7#
141	567.1	50.8	76.2#



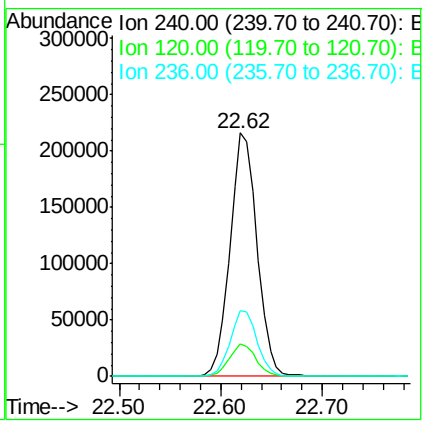


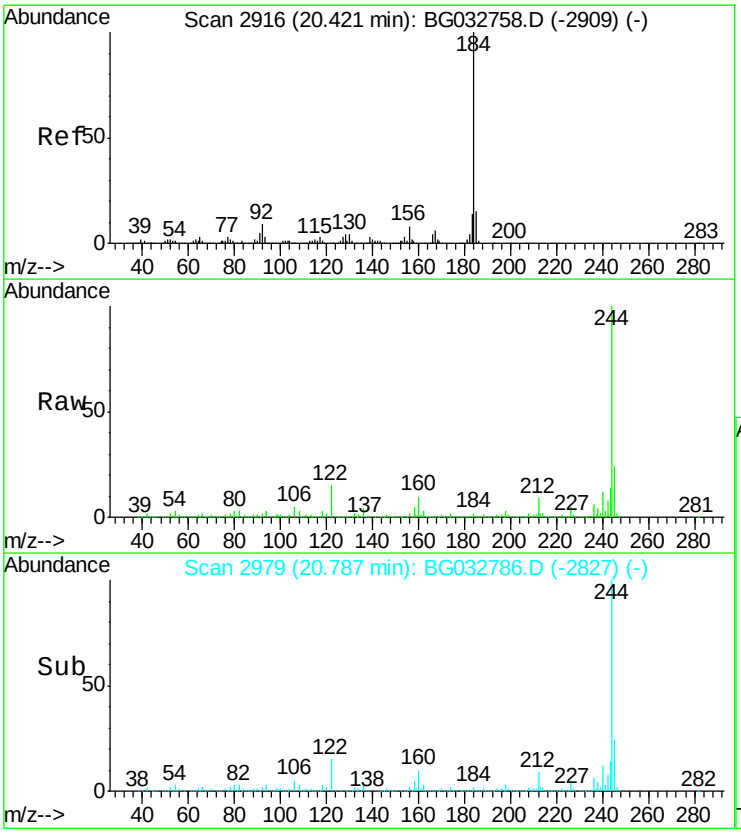
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. -0.02 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tgt Ion:240 Resp: 398149

Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.8	10.2#
236	26.9	20.9	31.3

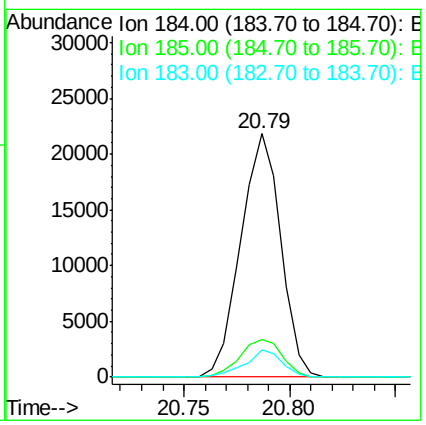


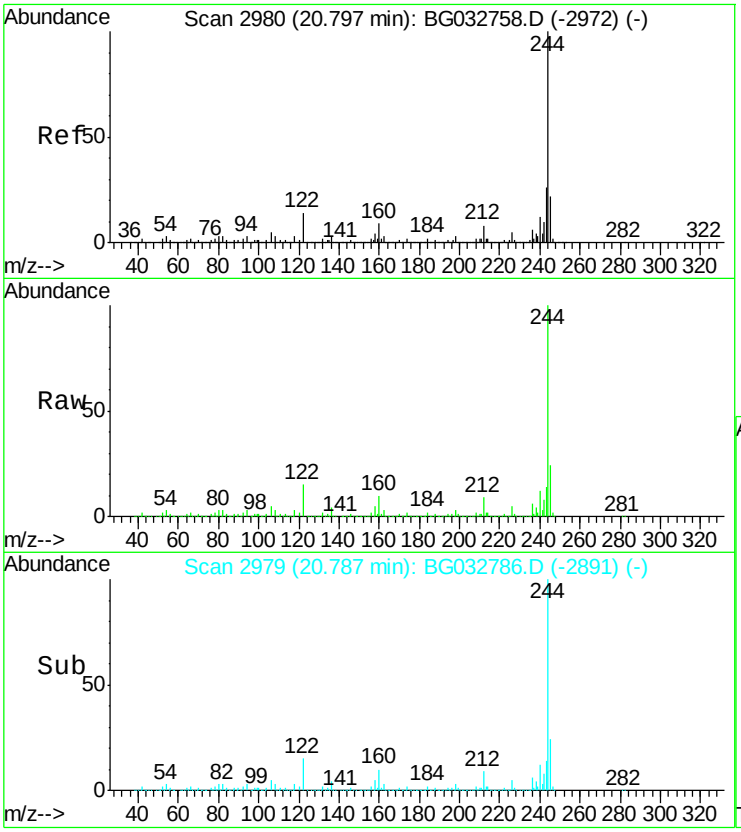


#76
Benzidine
Concen: 2.109 ng
RT: 20.79 min Scan# 2979
Delta R.T. 0.37 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion:184 Resp: 28629

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.1	16.7
183	11.0	10.6	16.0



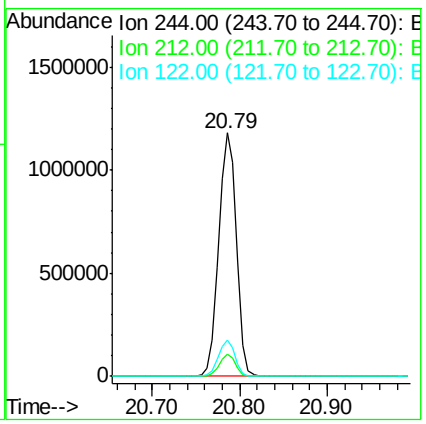


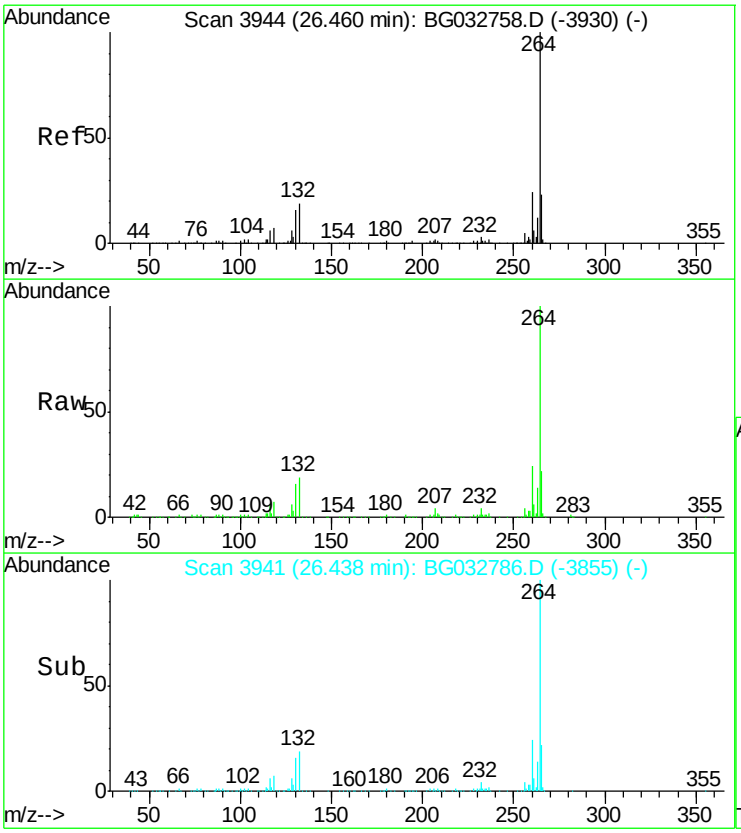
#78
Terphenyl-d14
Concen: 93.374 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Instrument :
BNA_G
ClientSampleId :
RT4259-RT3090-RBR200030-RBR42

Tgt Ion:244 Resp: 1654715

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	14.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.02 min
Lab File: BG032786.D
Acq: 22 Feb 2018 18:20

Tgt Ion:264 Resp: 421384

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.5	17.7	26.5