Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022818\
Data File : BG032891.D
Acq On : 28 Feb 2018 17:19
Operator : SJ/JU
Sample : J1399-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 01 01:25:30 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	87040	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	384935	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	196893	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	381455	20.00	ng	0.00
75) Chrysene-d12	22.62	240	386996	20.00	ng	-0.01
86) Perylene-d12	26.43	264	404206	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	685687	126.03	ng	0.00
7) Phenol-d6	8.02	99	792980	104.57	ng	0.00
23) Nitrobenzene-d5	10.12	82	631157	110.43	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	289711	139.94	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1302120	95.38	ng	0.00
78) Terphenyl-d14	20.78	244	1596550	92.69	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	85555	15.981	ng	# 81
24) Nitrobenzene	10.12	77	2639	6.753	ng	# 49
26) 2-Nitrophenol	10.89	139	54	5.459	ng	# 1
31) Naphthalene	11.86	128	81265	4.040	ng	98
32) Benzoic acid	11.02	122	1158	6.202	ng	# 58
35) Caprolactam	12.74	113	5015	2.351	ng	# 1
37) 2-Methylnaphthalene	13.40	142	69750	4.793	ng	94
47) 2-Nitroaniline	14.64	65	5660	11.224	ng	# 55
50) 2,6-Dinitrotoluene	15.07	165	13079	12.749	ng	# 25
52) 3-Nitroaniline	15.44	138	13509	10.869	ng	# 14
53) 2,4-Dinitrophenol	16.04	184	2118	6.788	ng	84
55) 4-Nitrophenol	15.75	139	1876	7.705	ng	# 1
56) 2,4-Dinitrotoluene	15.82	165	1949	7.413	ng	# 31
61) 4-Nitroaniline	16.42	138	19079	9.989	ng	87
64) 4,6-Dinitro-2-methylphenol	16.62	198	2334	7.512	ng	# 1
76) Benzidine	20.41	184	60168	4.561	ng	# 63

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

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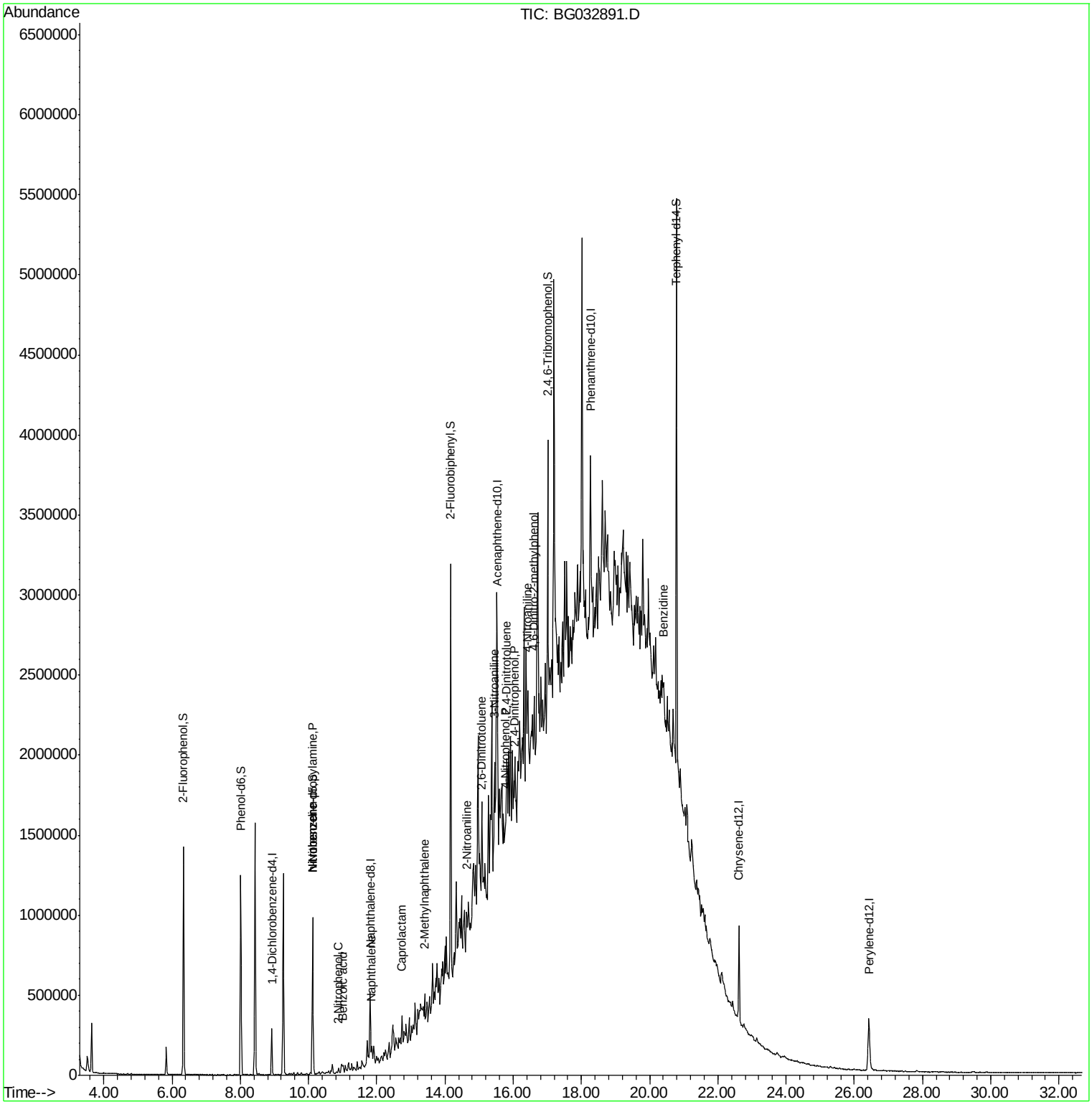
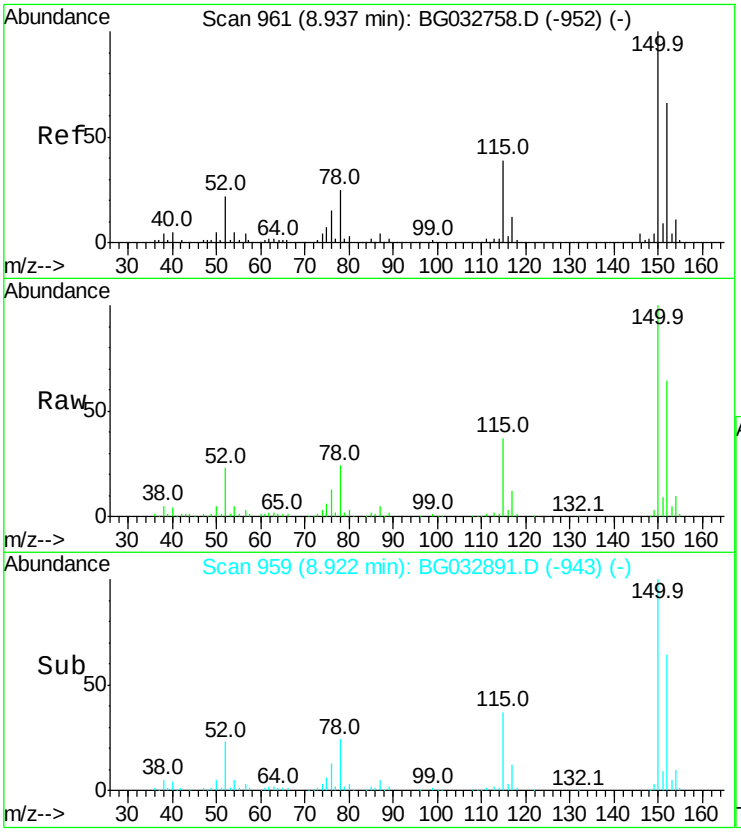


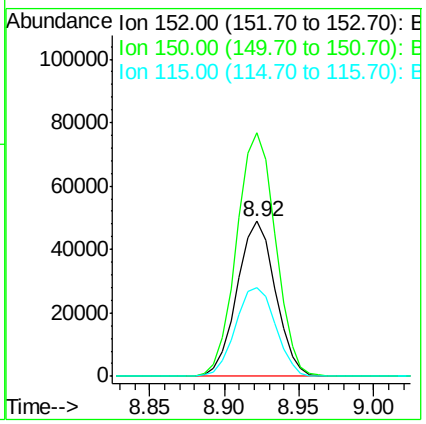


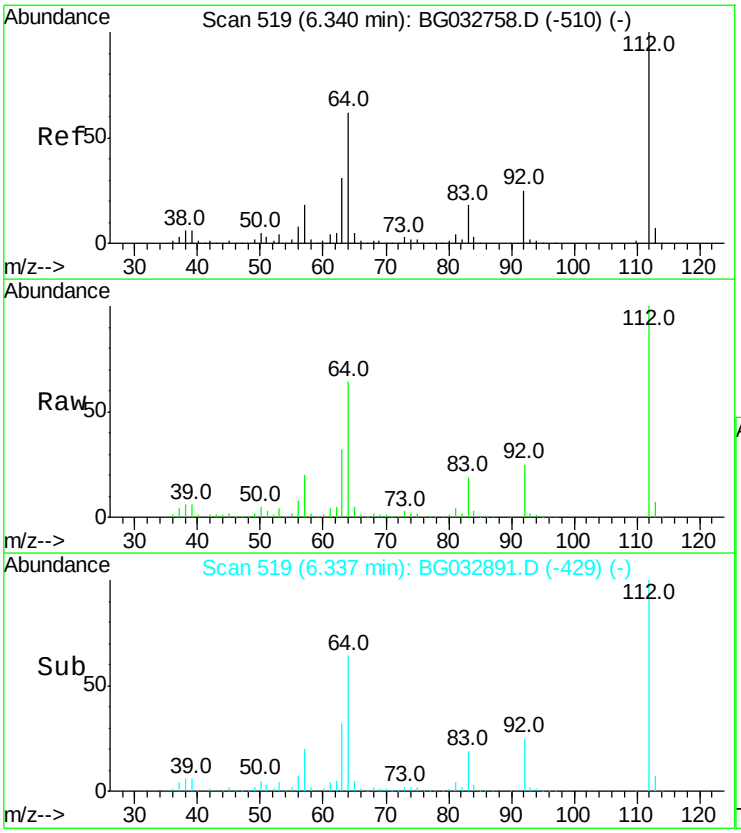
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 87040

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.6	189.8
115	57.6	53.0	79.4

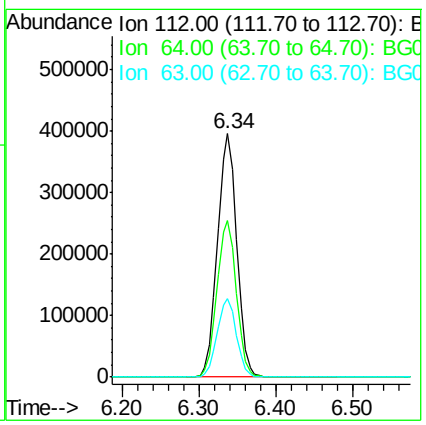


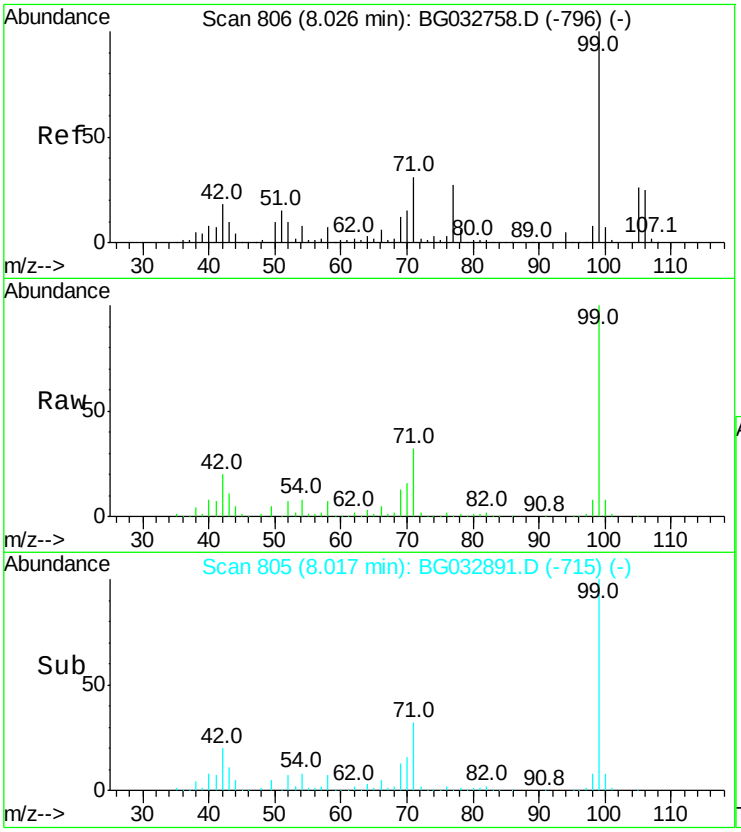


#5
2-Fluorophenol
Concen: 126.034 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:112 Resp: 685687

Ion	Ratio	Lower	Upper
112	100		
64	64.1	56.3	84.5
63	32.2	30.1	45.1



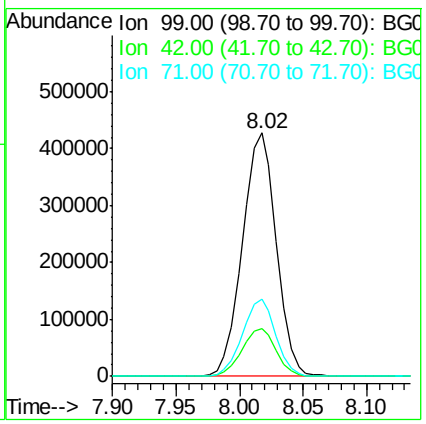


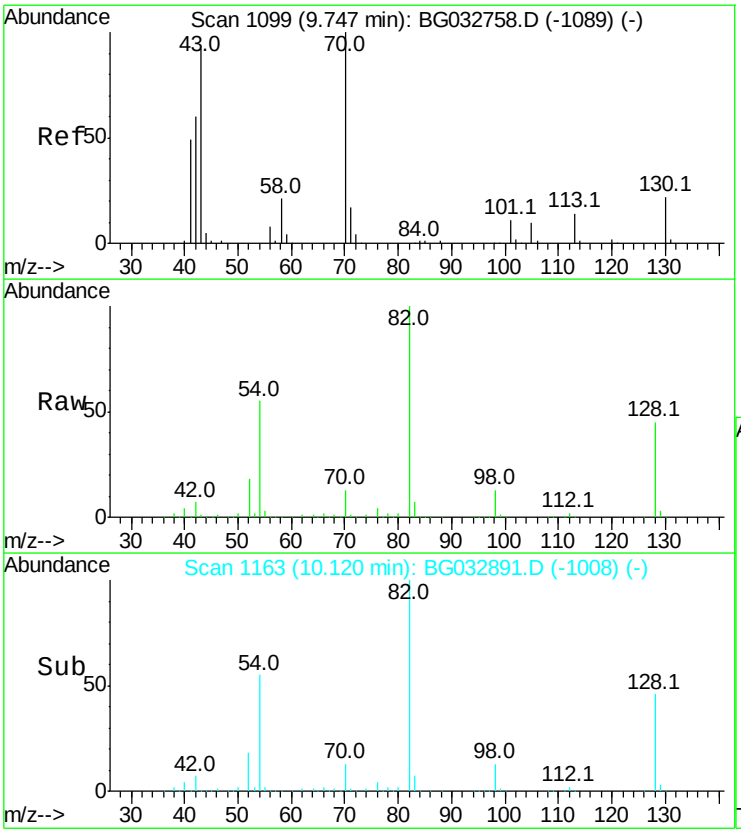
#7
Phenol-d6
Concen: 104.569 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 792980

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.1	21.1
71	31.9	26.1	39.1

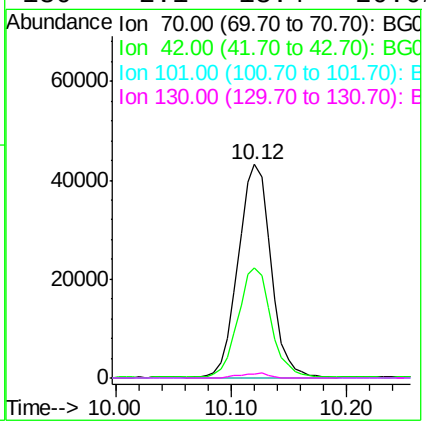


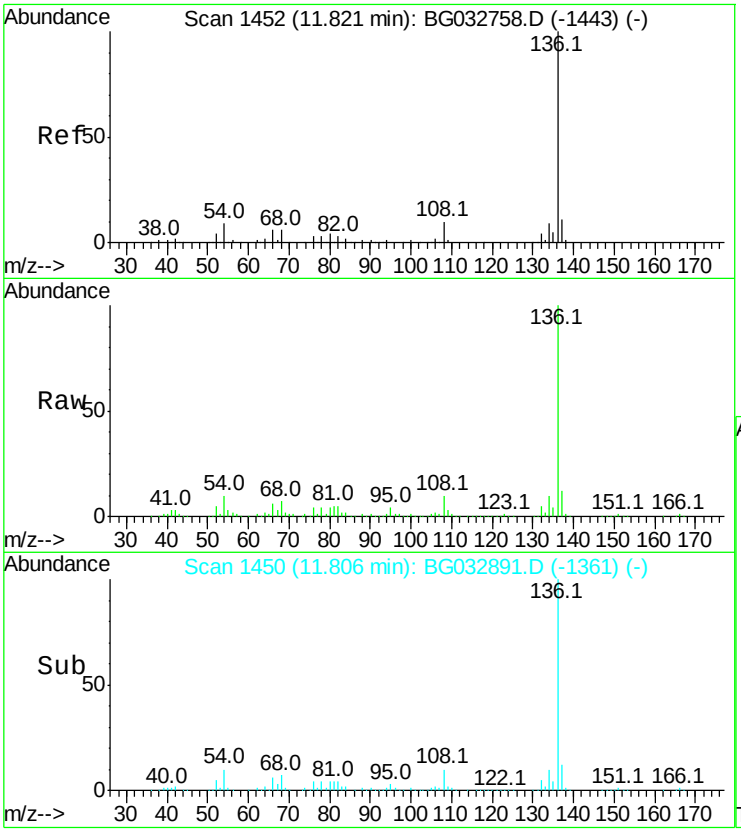


#19
n-Nitroso-di-n-propylamine
Concen: 15.981 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.38 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion: 70 Resp: 85555

Ion	Ratio	Lower	Upper
70	100		
42	51.7	49.1	73.7
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



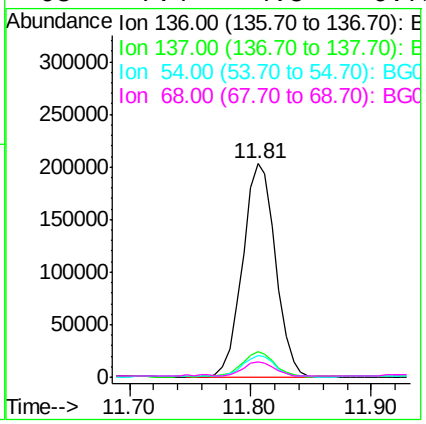


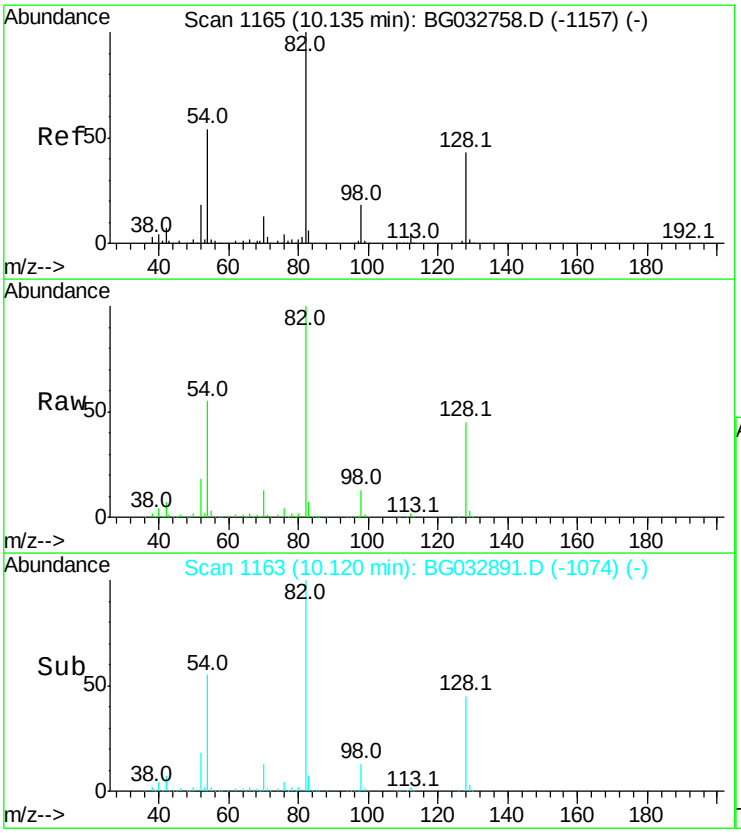
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 384935

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	10.2	10.3	15.5#
68	7.4	4.5	6.7#

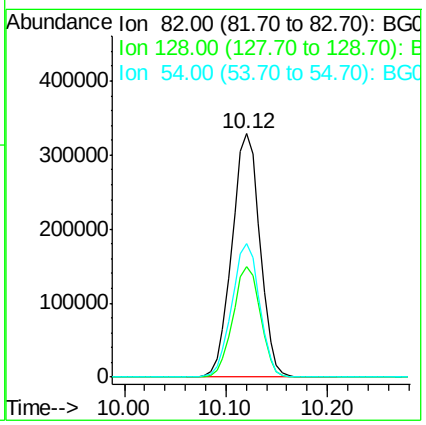


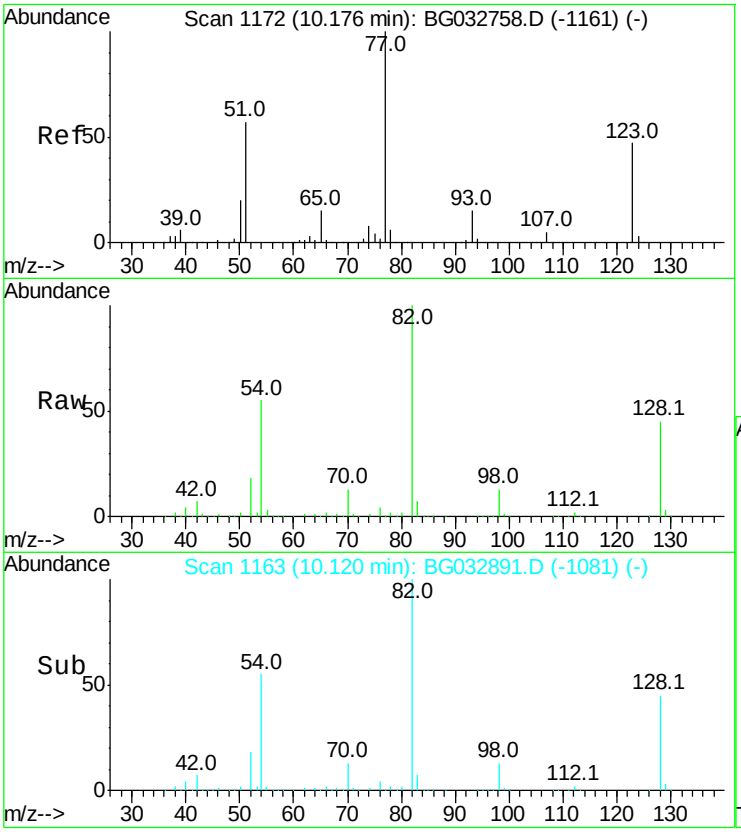


#23
Nitrobenzene-d5
Concen: 110.427 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion: 82 Resp: 631157

Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5#
54	54.8	43.1	64.7



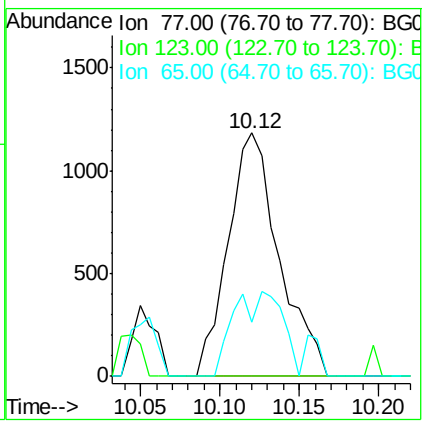


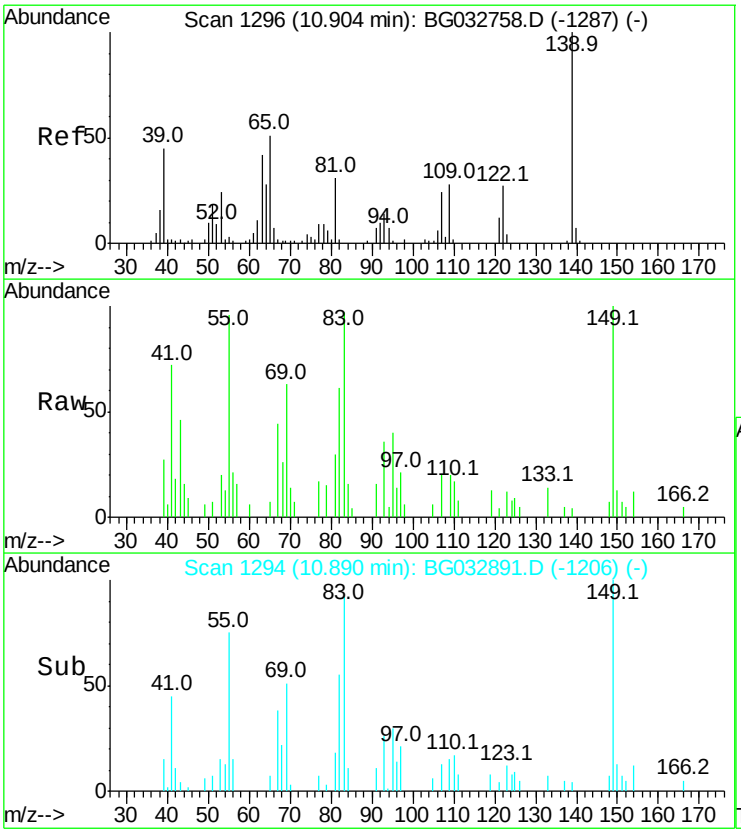
#24
Nitrobenzene
Concen: 6.753 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 2639

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	22.3	13.0	19.6#

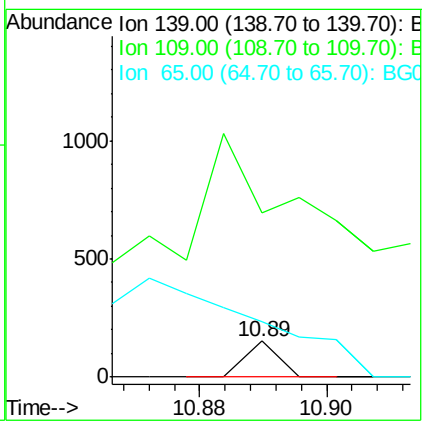


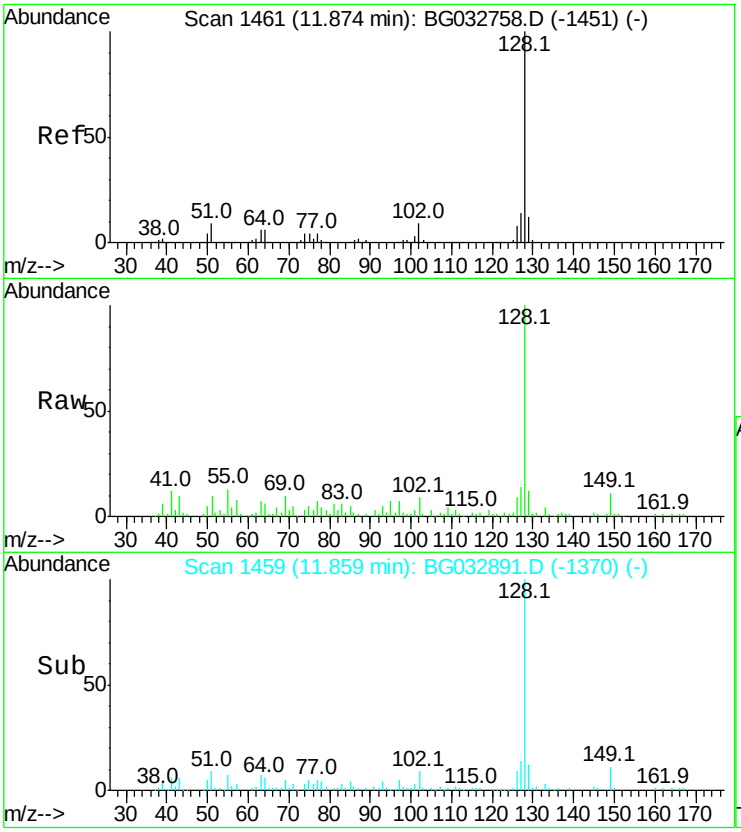


#26
2-Nitrophenol
Concen: 5.459 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:139 Resp: 54

Ion	Ratio	Lower	Upper
139	100		
109	458.6	24.2	36.2#
65	155.9	47.4	71.0#



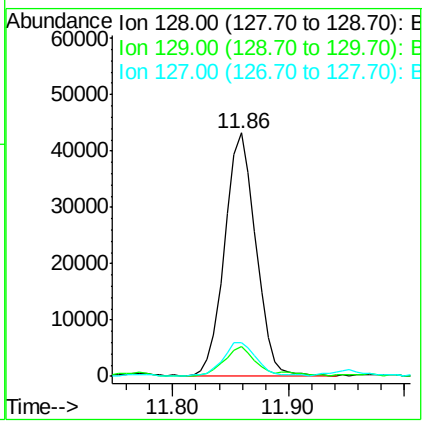


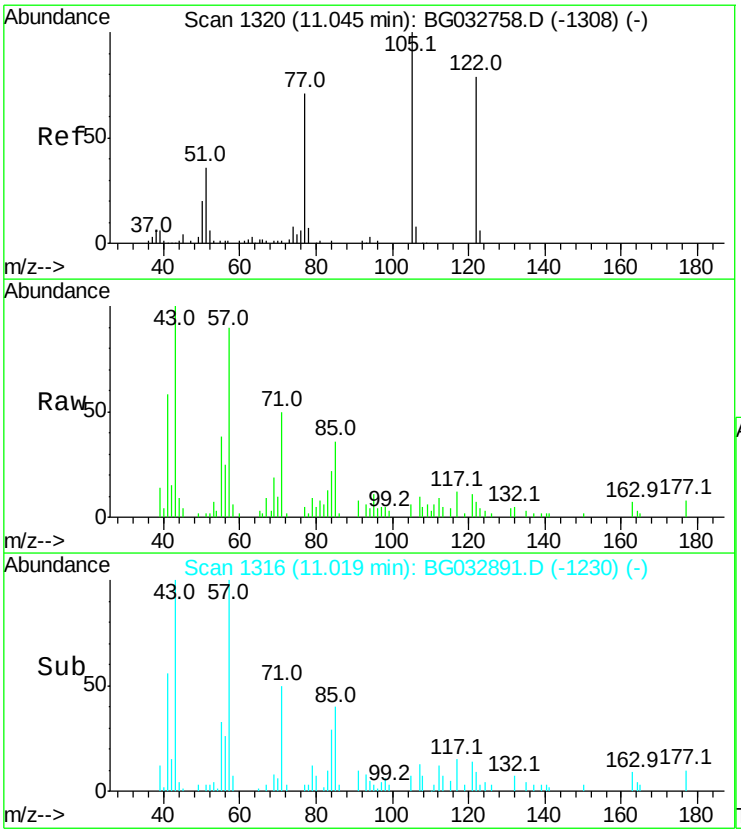
#31
Naphthalene
Concen: 4.040 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 81265

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	12.8
127	14.0	11.6	17.4

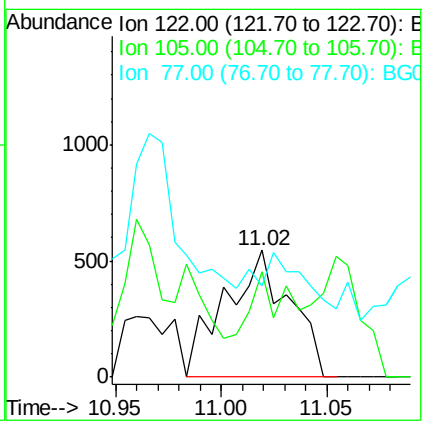


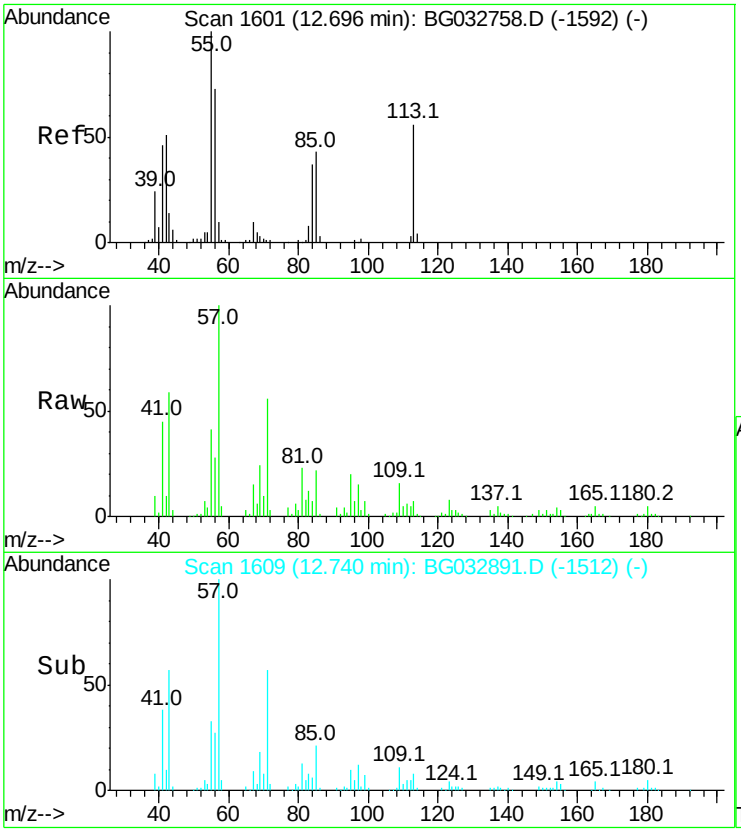


#32
Benzoic acid
Concen: 6.202 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:122 Resp: 1158

Ion	Ratio	Lower	Upper
122	100		
105	83.3	123.5	163.5#
77	72.1	85.7	125.7#



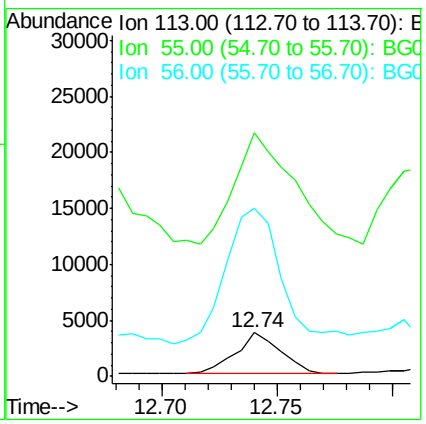


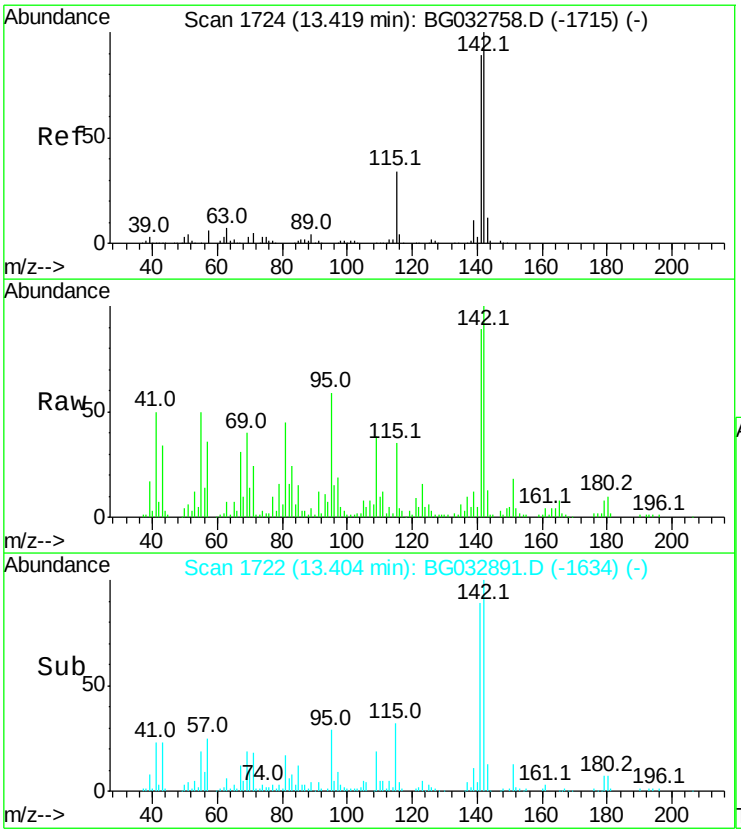
#35
Caprolactam
Concen: 2.351 ng
RT: 12.74 min Scan# 1609
Delta R.T. 0.04 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 5015

Ion	Ratio	Lower	Upper
113	100		
55	559.1	186.9	226.9#
56	386.4	130.9	170.9#

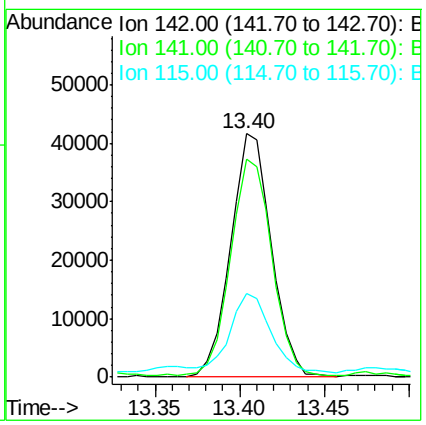


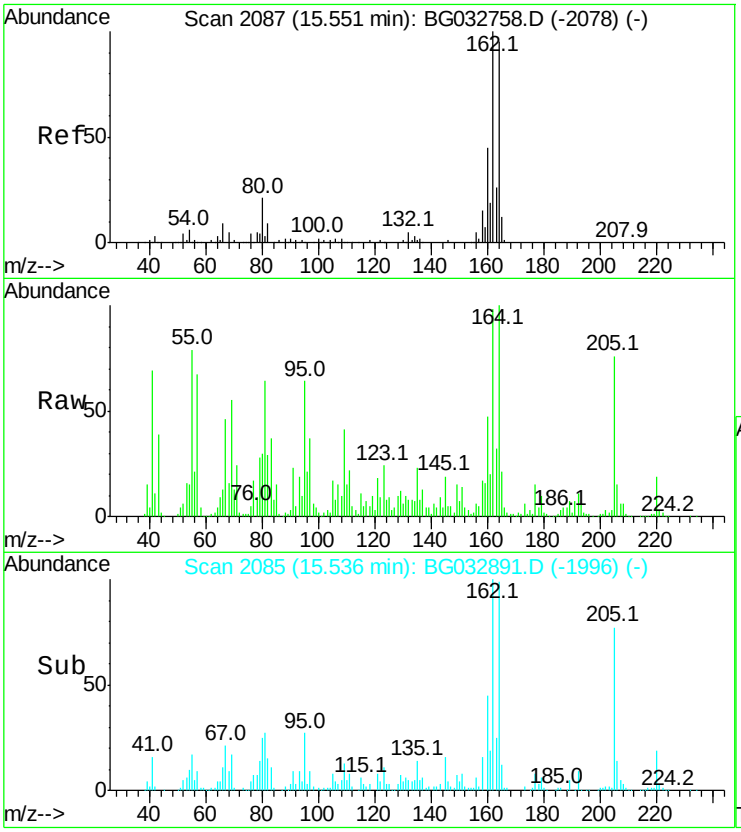


#37
2-Methylnaphthalene
Concen: 4.793 ng
RT: 13.40 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:142 Resp: 69750

Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.1	100.7
115	34.5	30.7	46.1



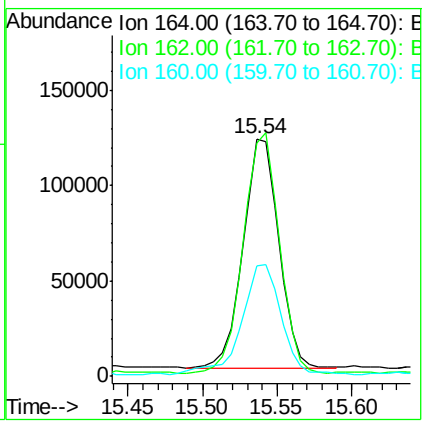


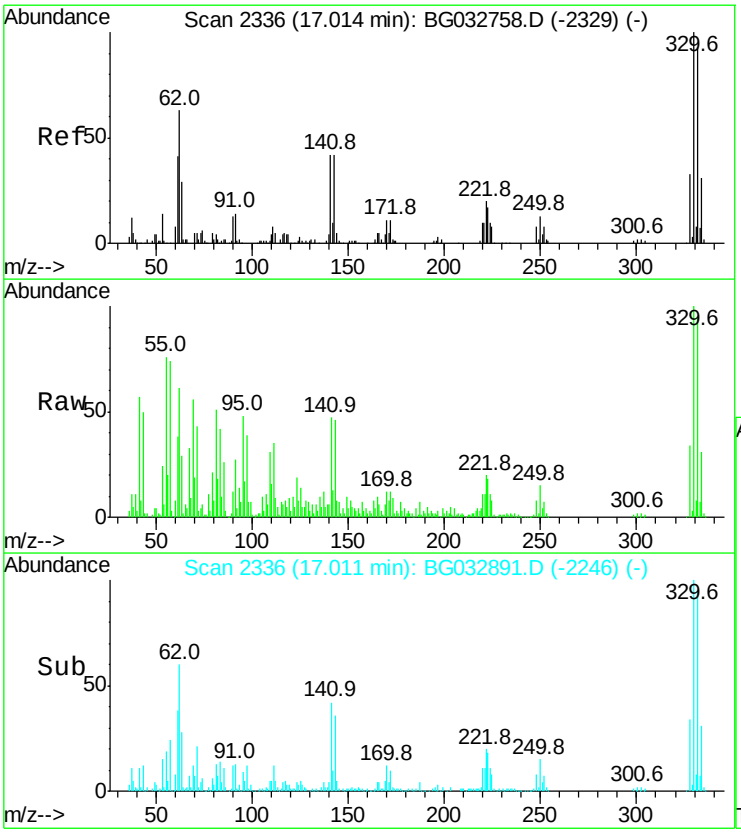
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 196893

Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.8	118.2
160	46.6	35.4	53.0

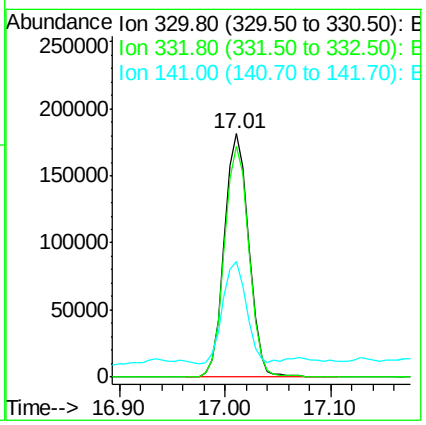


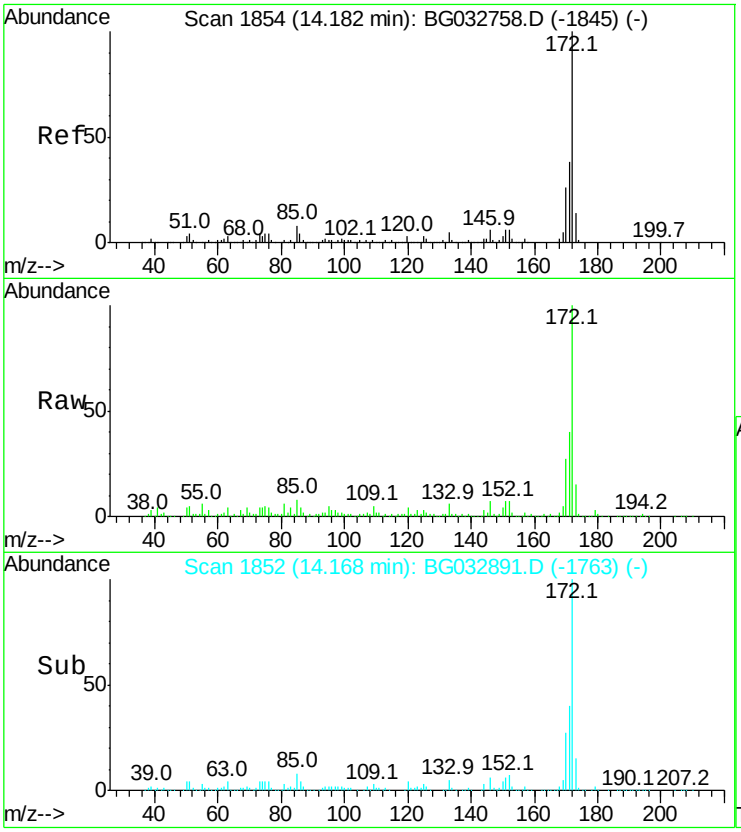


#41
2,4,6-Tribromophenol
Concen: 139.939 ng
RT: 17.01 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:330 Resp: 289711

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	40.8	25.2	37.8#



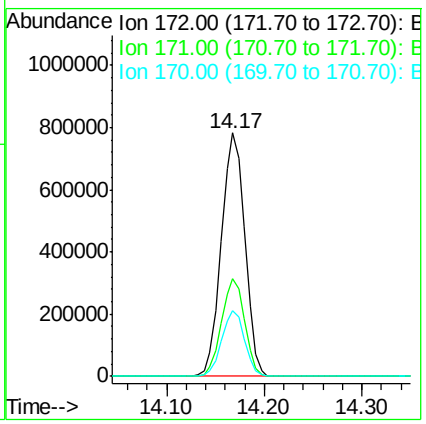


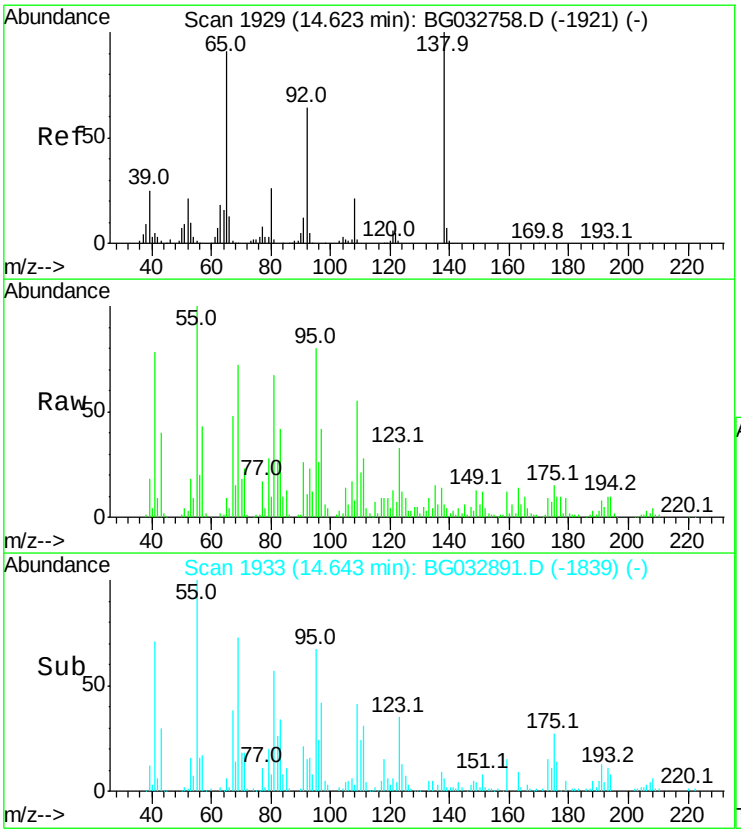
#44
2-Fluorobiphenyl
Concen: 95.381 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1302120

Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.0	45.0
170	26.7	19.5	29.3

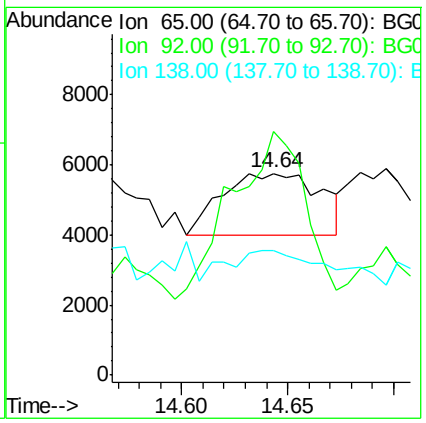


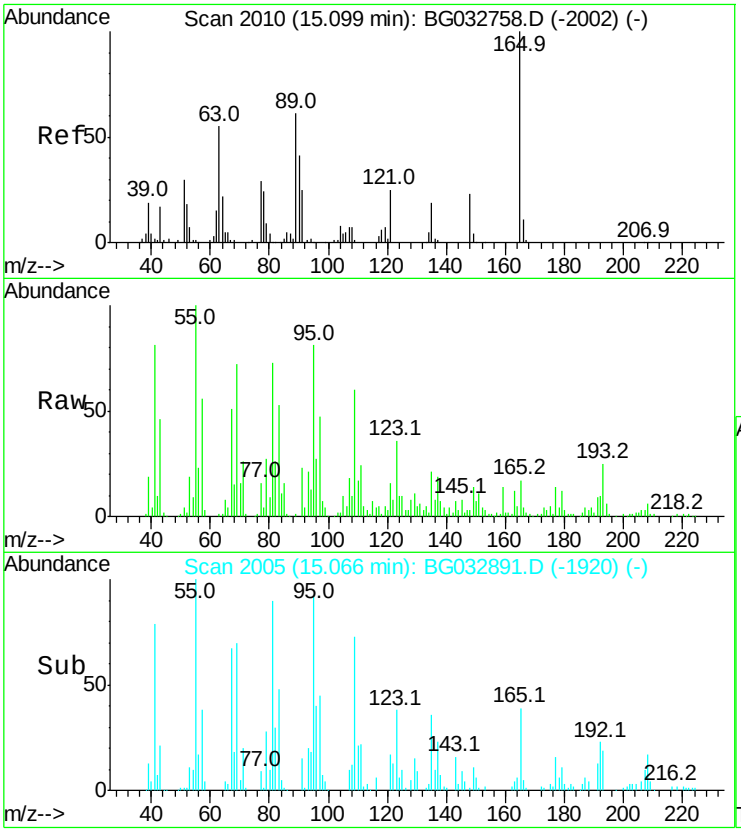


#47
2-Nitroaniline
Concen: 11.224 ng
RT: 14.64 min Scan# 1933
Delta R.T. 0.02 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion: 65 Resp: 5660

Ion	Ratio	Lower	Upper
65	100		
92	120.7	54.6	82.0#
138	62.1	72.9	109.3#



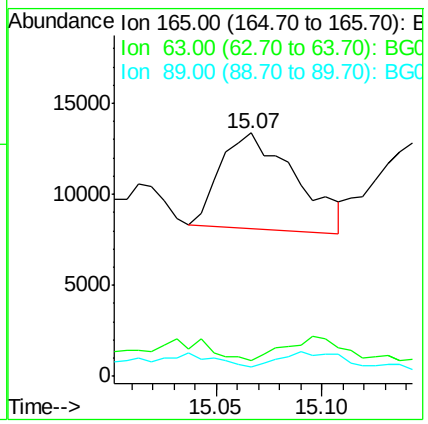


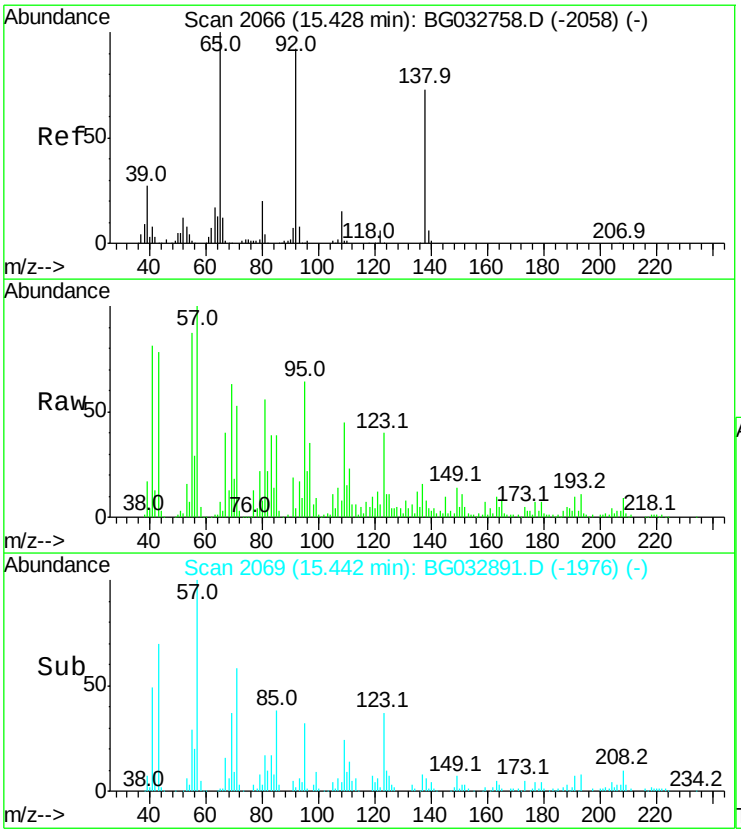
#50
2,6-Dinitrotoluene
Concen: 12.749 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.03 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13079

Ion	Ratio	Lower	Upper
165	100		
63	6.2	52.7	79.1#
89	3.7	49.2	73.8#

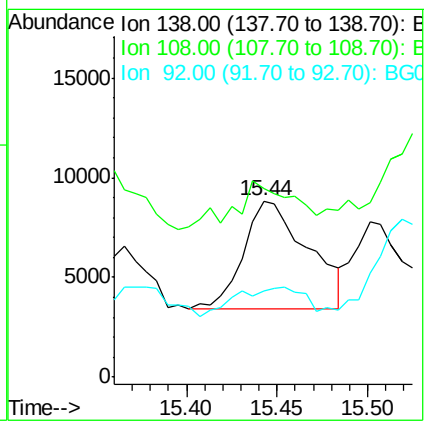


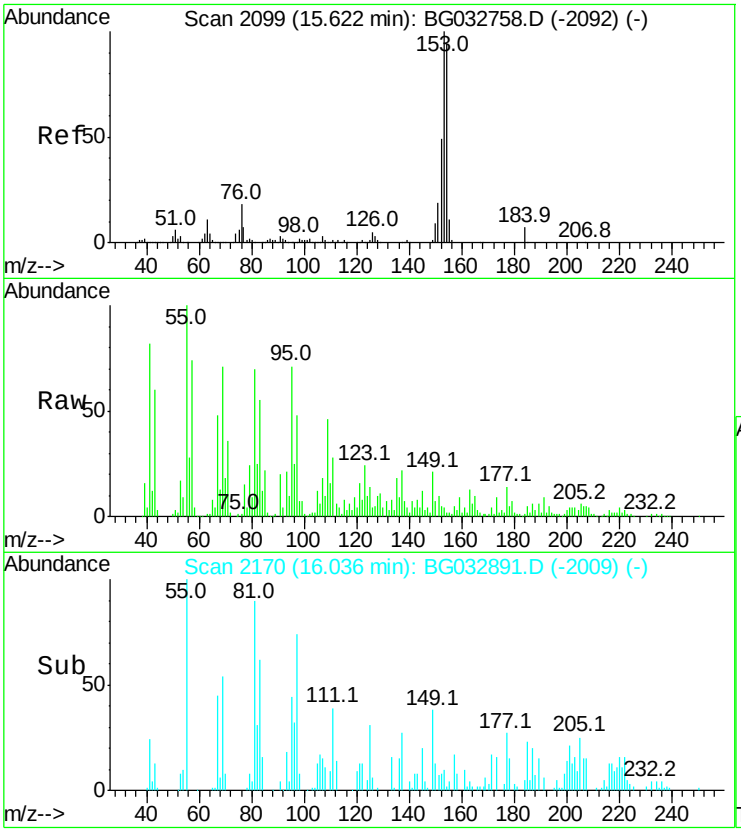


#52
3-Nitroaniline
Concen: 10.869 ng
RT: 15.44 min Scan# 2069
Delta R.T. 0.02 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:138 Resp: 13509

Ion	Ratio	Lower	Upper
138	100		
108	106.8	17.5	26.3#
92	48.9	105.8	158.8#



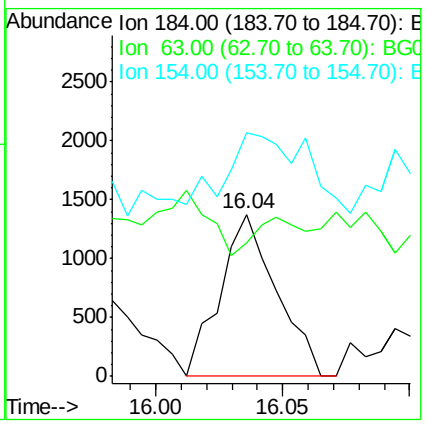


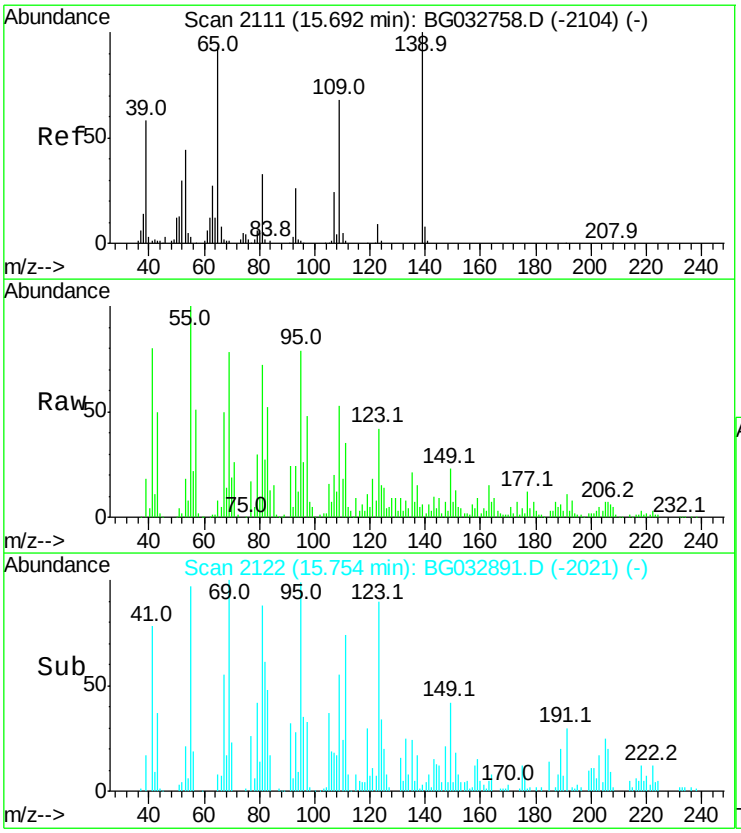
#53
2,4-Dinitrophenol
Concen: 6.788 ng
RT: 16.04 min Scan# 2170
Delta R.T. 0.42 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 2118

Ion	Ratio	Lower	Upper
184	100		
63	82.2	59.8	89.8
154	150.5	101.8	152.8

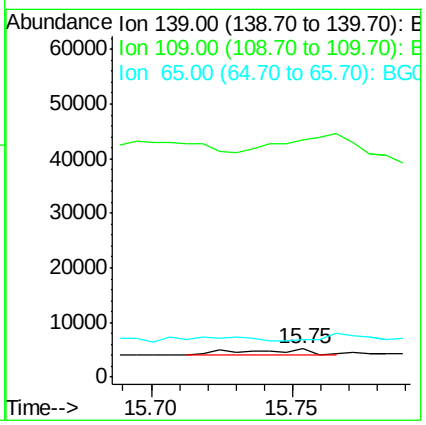


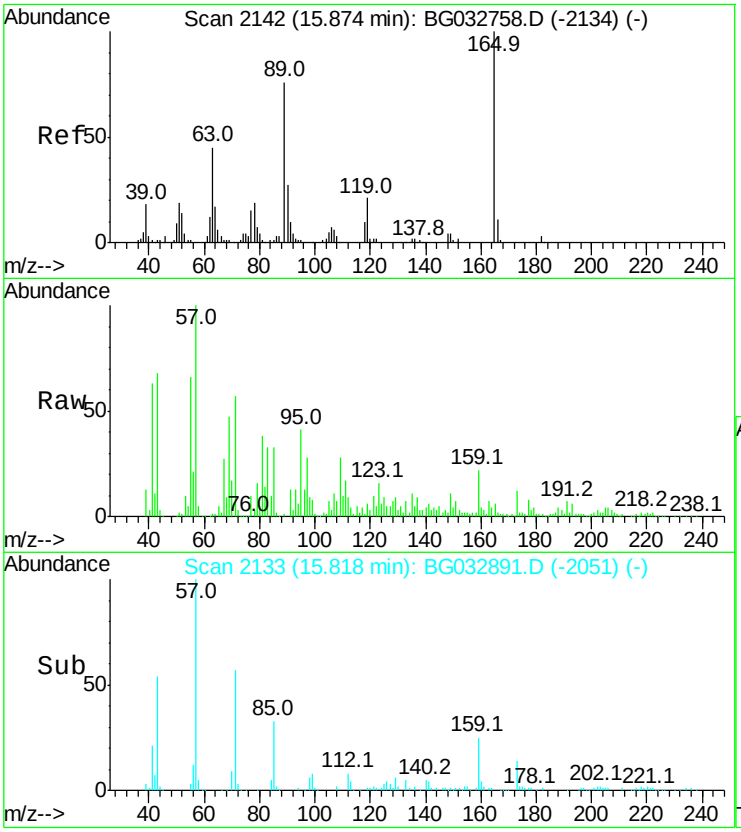


#55
4-Nitrophenol
Concen: 7.705 ng
RT: 15.75 min Scan# 2122
Delta R.T. 0.07 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:139 Resp: 1876

Ion	Ratio	Lower	Upper
139	100		
109	842.8	62.2	102.2#
65	133.1	97.2	137.2



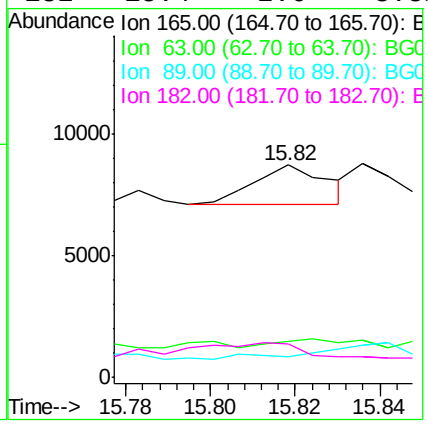


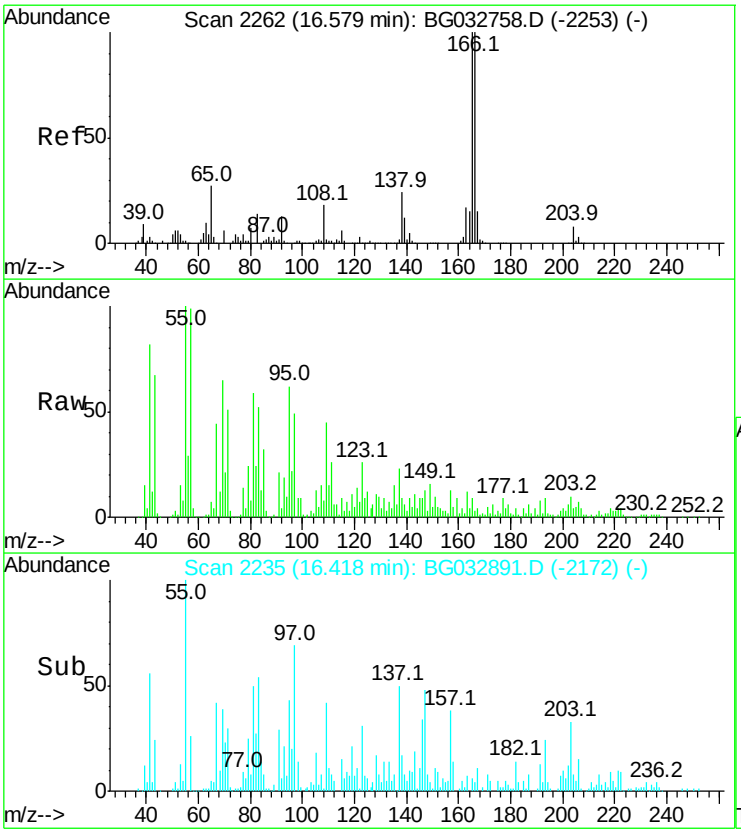
#56
2,4-Dinitrotoluene
Concen: 7.413 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.05 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 1949

Ion	Ratio	Lower	Upper
165	100		
63	16.8	42.0	63.0#
89	9.6	66.9	100.3#
182	15.4	2.6	3.8#

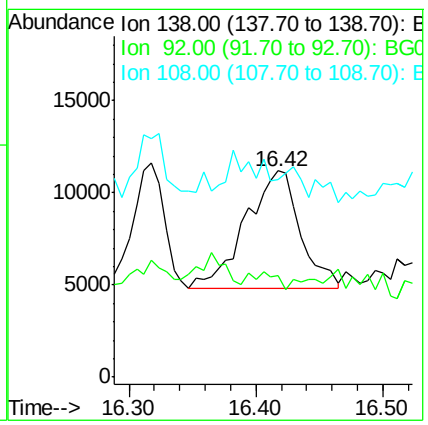


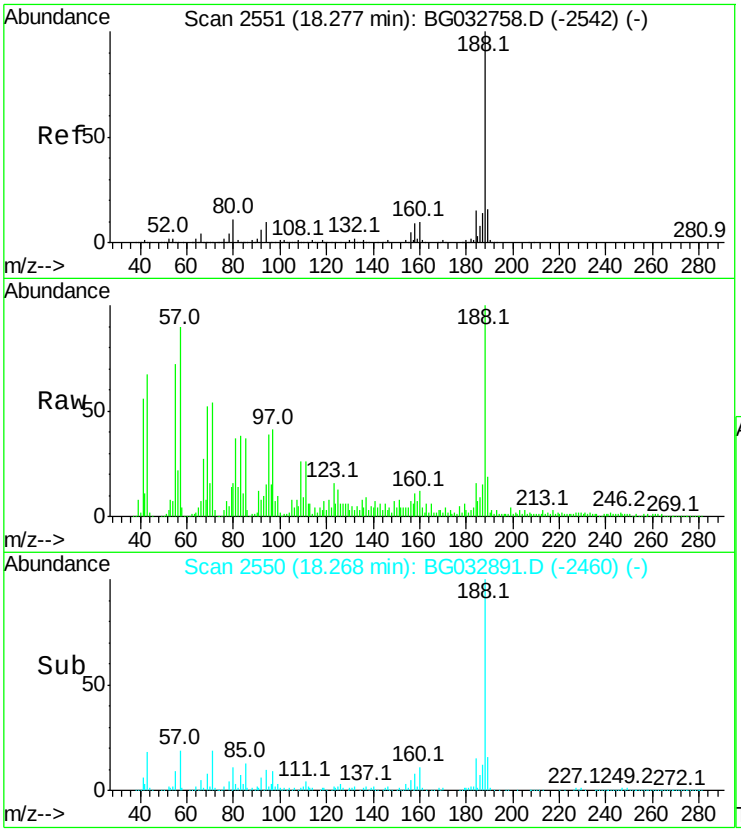


#61
4-Nitroaniline
Concen: 9.989 ng
RT: 16.42 min Scan# 2235
Delta R.T. -0.16 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:138 Resp: 19079

Ion	Ratio	Lower	Upper
138	100		
92	49.0	40.1	80.1
108	95.7	65.4	105.4



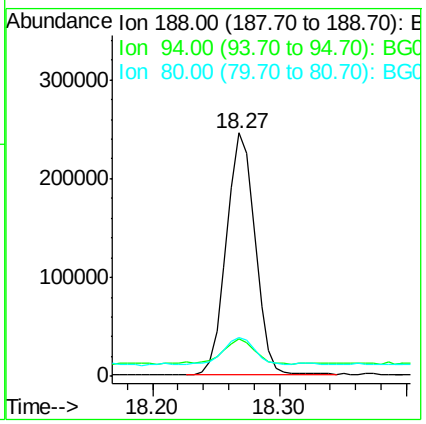


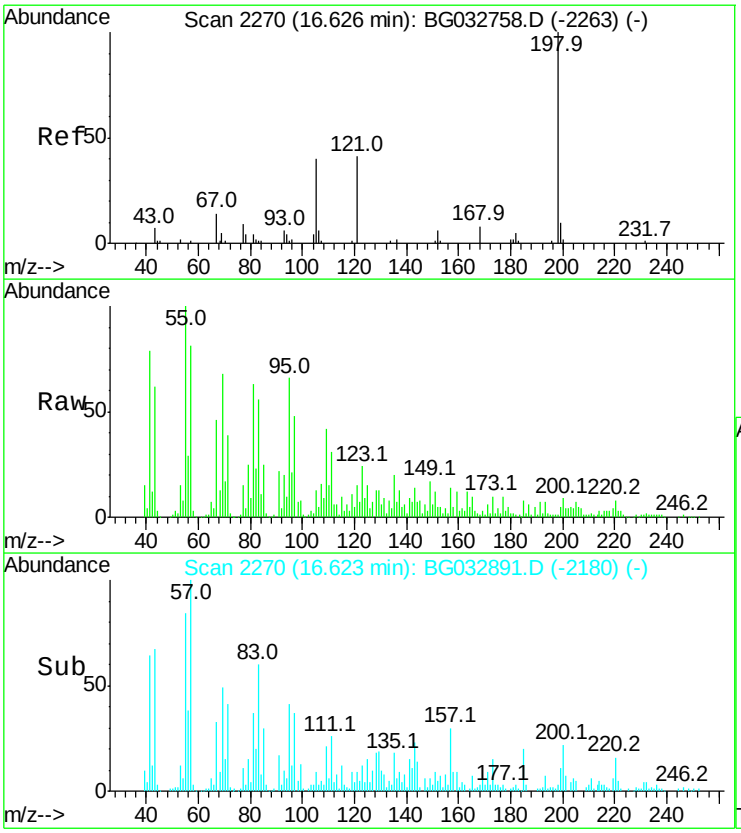
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 381455

Ion	Ratio	Lower	Upper
188	100		
94	15.2	6.9	10.3#
80	16.1	7.7	11.5#

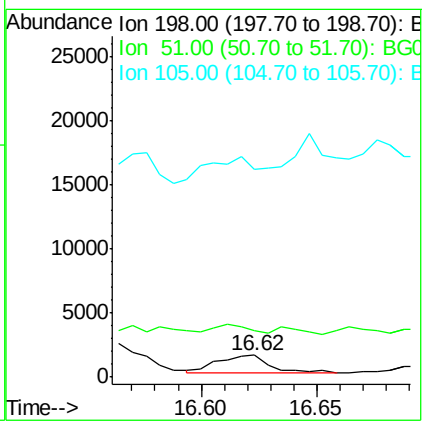


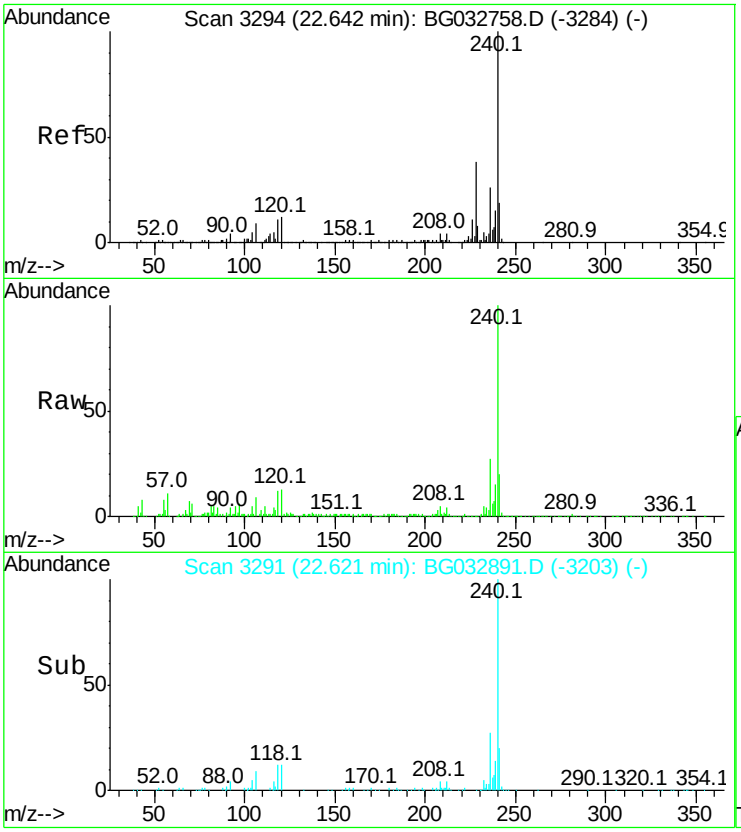


#64
4,6-Dinitro-2-methylphenol
Concen: 7.512 ng
RT: 16.62 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:198 Resp: 2334

Ion	Ratio	Lower	Upper
198	100		
51	211.3	30.6	70.6#
105	939.8	23.8	63.8#



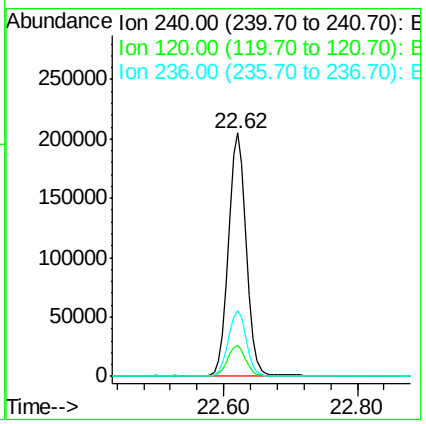


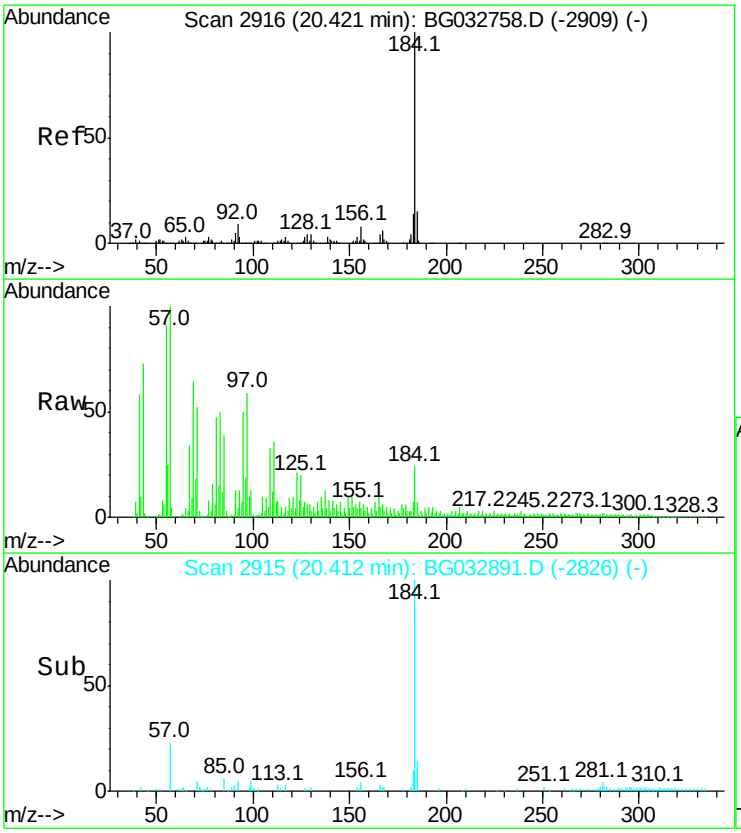
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. -0.01 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 386996

Ion	Ratio	Lower	Upper
240	100		
120	12.9	6.8	10.2#
236	27.1	20.9	31.3

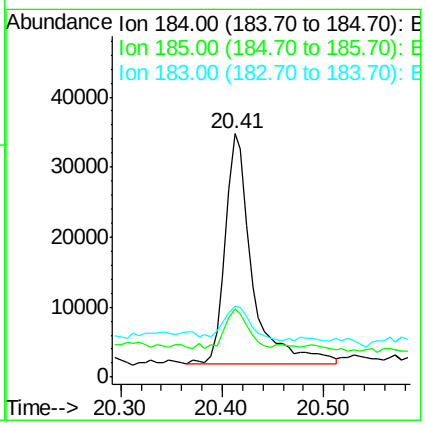


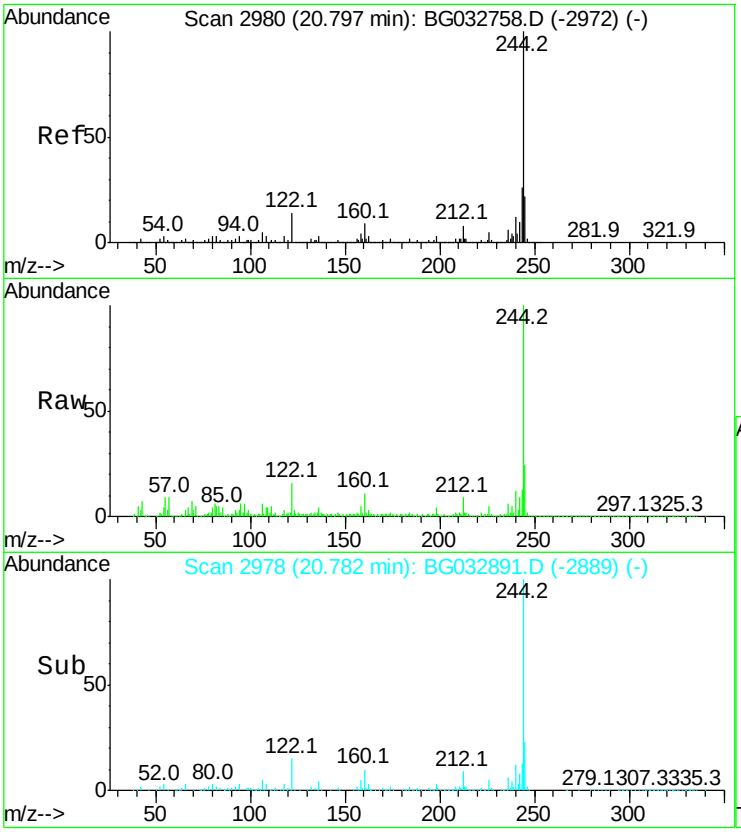


#76
Benzidine
Concen: 4.561 ng
RT: 20.41 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:184 Resp: 60168

Ion	Ratio	Lower	Upper
184	100		
185	27.9	11.1	16.7#
183	29.1	10.6	16.0#



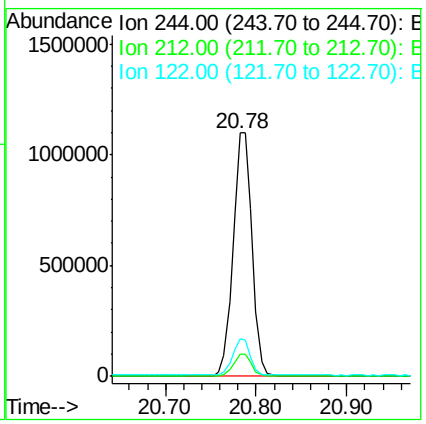


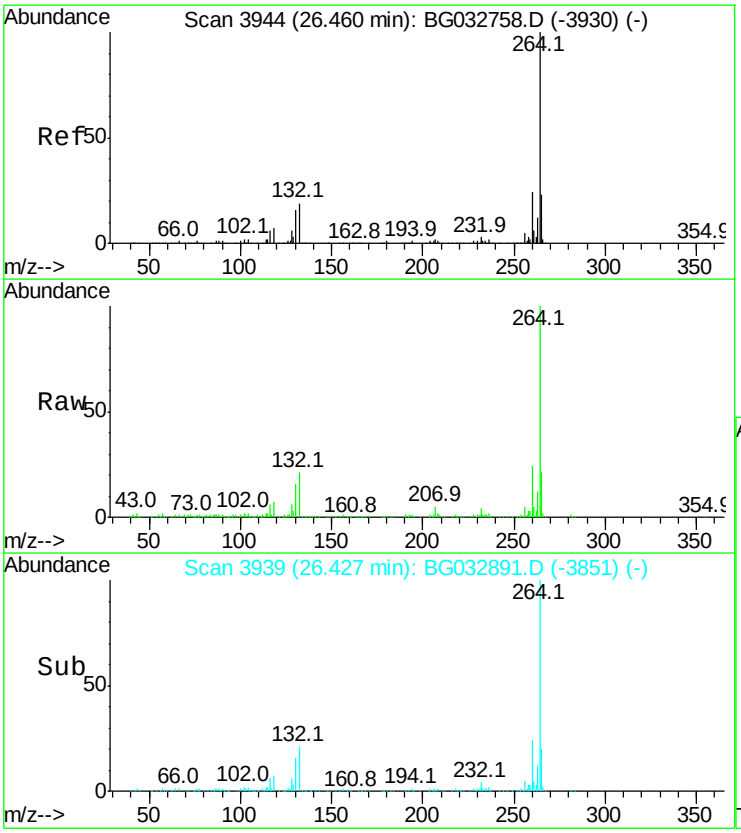
#78
Terphenyl-d14
Concen: 92.689 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BG032891.D
Acq: 28 Feb 2018 17:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1596550

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	15.6	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: BG032891.D
Acq: 28 Feb 2018 17:19

Tgt Ion:264 Resp: 404206

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.5	17.7	26.5