Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033135.D
Acq On : 14 Mar 2018 4:06
Operator : SJ/JU
Sample : J1885-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 14 11:48:32 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	45731	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	205038	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	103413	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	225157	20.00	ng		0.00
75) Chrysene-d12	22.61	240	215871	20.00	ng		0.00
86) Perylene-d12	26.41	264	232982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	410580	143.64	ng		0.01
7) Phenol-d6	8.02	99	474331	119.05	ng		0.01
23) Nitrobenzene-d5	10.11	82	371328	120.93	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	163615	150.47	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	763395	106.47	ng		0.00
78) Terphenyl-d14	20.77	244	1033911	107.61	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	9.17	79	9245	3.156	ng		95
19) n-Nitroso-di-n-propylamine	10.11	70	50573	17.980	ng	#	82
24) Nitrobenzene	10.16	77	205	6.435	ng	#	42
26) 2-Nitrophenol	10.38	139	60	5.490	ng	#	29
32) Benzoic acid	11.07	122	13576	13.770	ng	#	82
47) 2-Nitroaniline	14.46	65	498	10.068	ng	#	9
50) 2,6-Dinitrotoluene	15.11	165	1053	9.488	ng	#	18
52) 3-Nitroaniline	15.42	138	57	7.570	ng	#	1
53) 2,4-Dinitrophenol	15.40	184	5193	18.185	ng	#	8
55) 4-Nitrophenol	15.66	139	53	7.114	ng	#	64
56) 2,4-Dinitrotoluene	15.52	165	13462	14.642	ng	#	40
61) 4-Nitroaniline	16.59	138	141	5.366	ng	#	12
64) 4,6-Dinitro-2-methylphenol	17.00	198	371	5.649	ng	#	1
66) 4-Bromophenyl-phenylether	17.00	248	10978	4.611	ng	#	1
69) Pentachlorophenol	17.90	266	3345	2.064	ng	#	86
76) Benzidine	20.77	184	19018	2.585	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033135.D
Acq On : 14 Mar 2018 4:06
Operator : SJ/JU
Sample : J1885-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 14 11:48:32 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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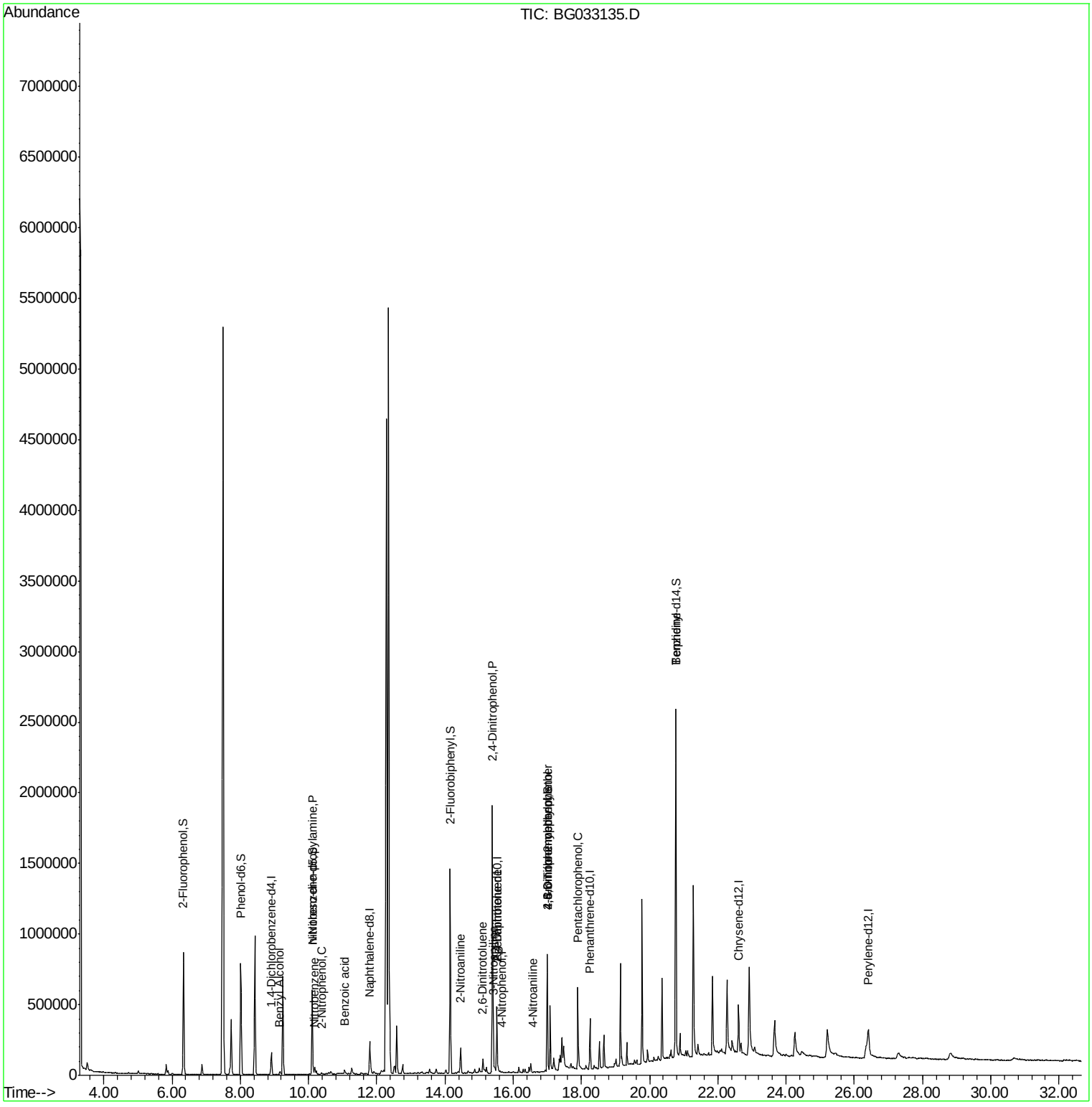
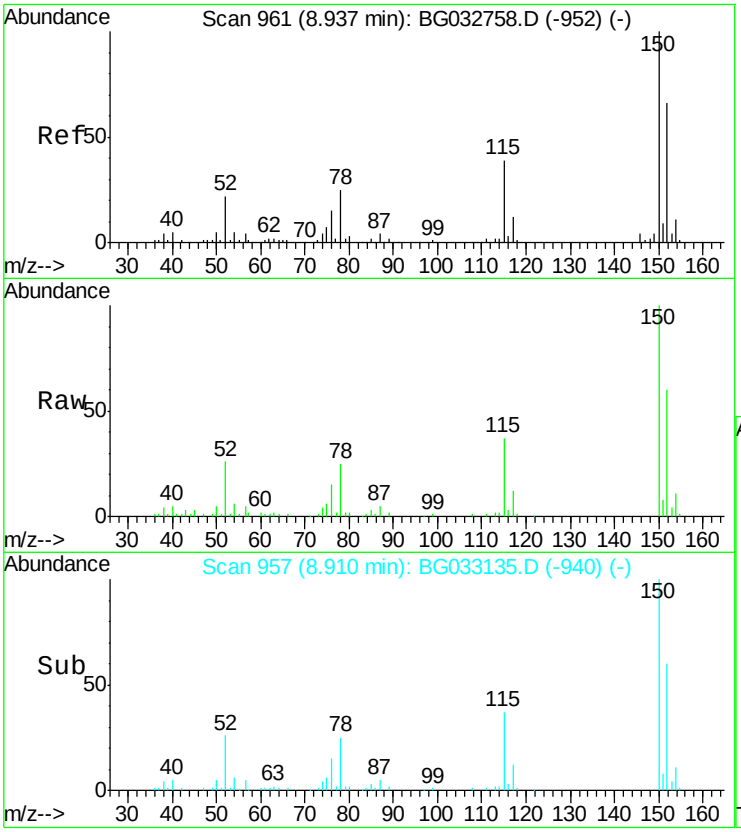


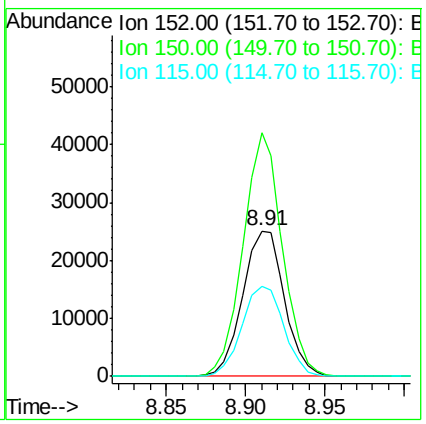


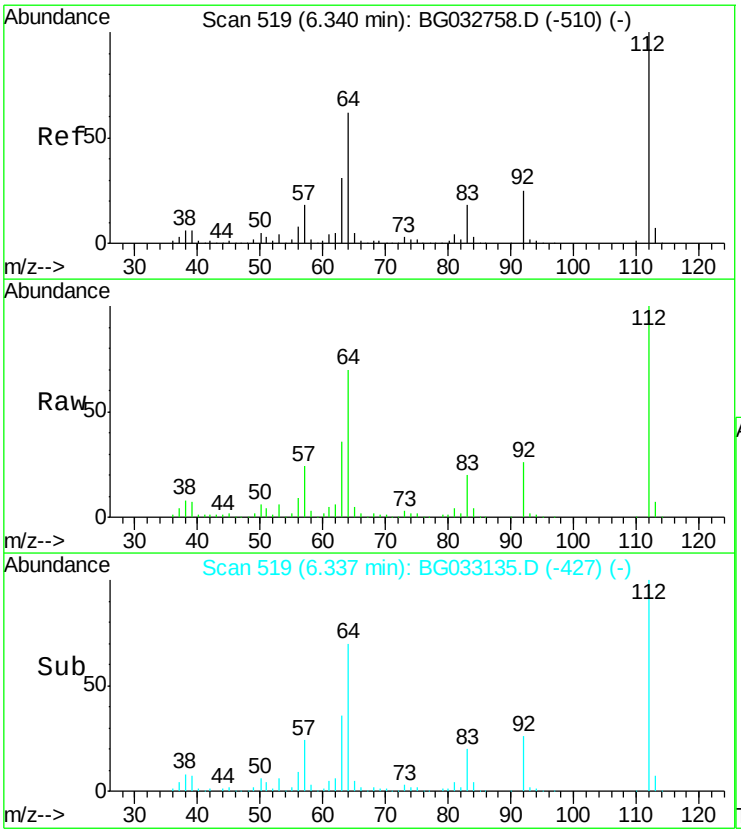
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 45731

Ion	Ratio	Lower	Upper
152	100		
150	167.4	126.6	189.8
115	62.2	53.0	79.4

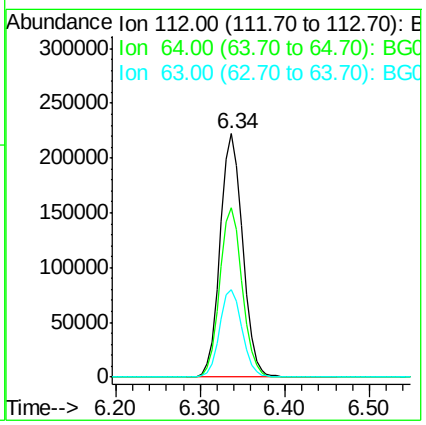


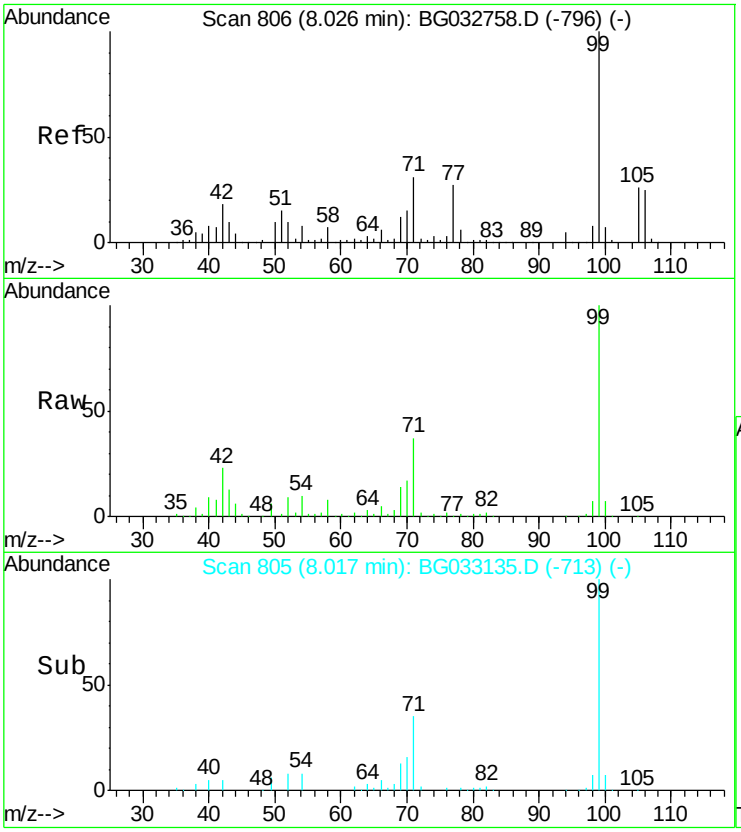


#5
2-Fluorophenol
Concen: 143.637 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.01 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:112 Resp: 410580

Ion	Ratio	Lower	Upper
112	100		
64	69.8	56.3	84.5
63	36.0	30.1	45.1



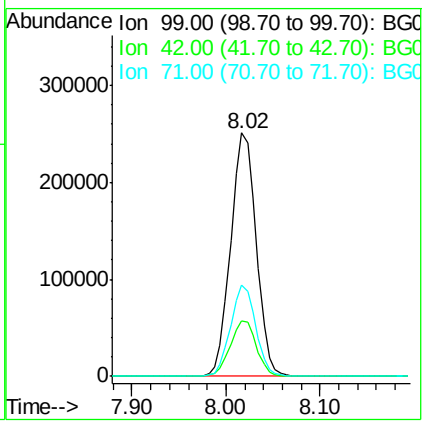


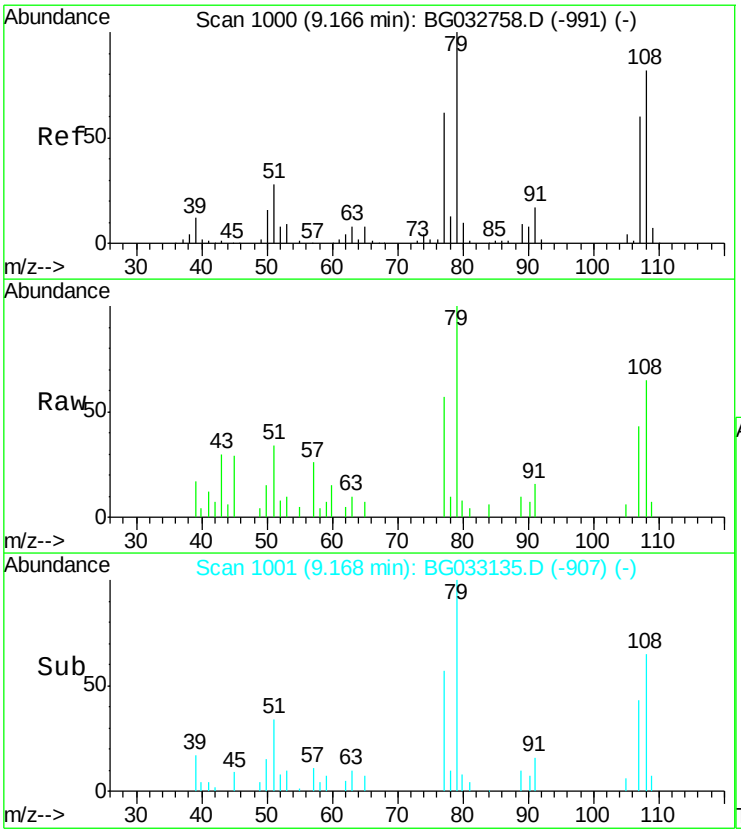
#7
Phenol-d6
Concen: 119.051 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.01 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 474331

Ion	Ratio	Lower	Upper
99	100		
42	23.0	14.1	21.1#
71	37.3	26.1	39.1

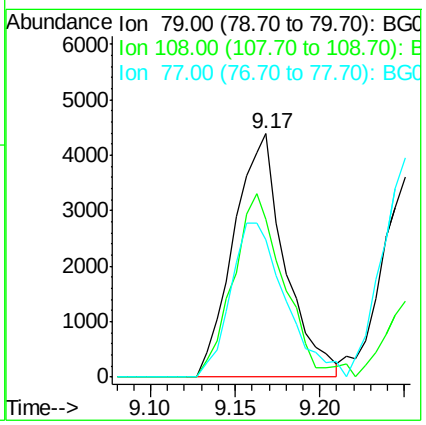


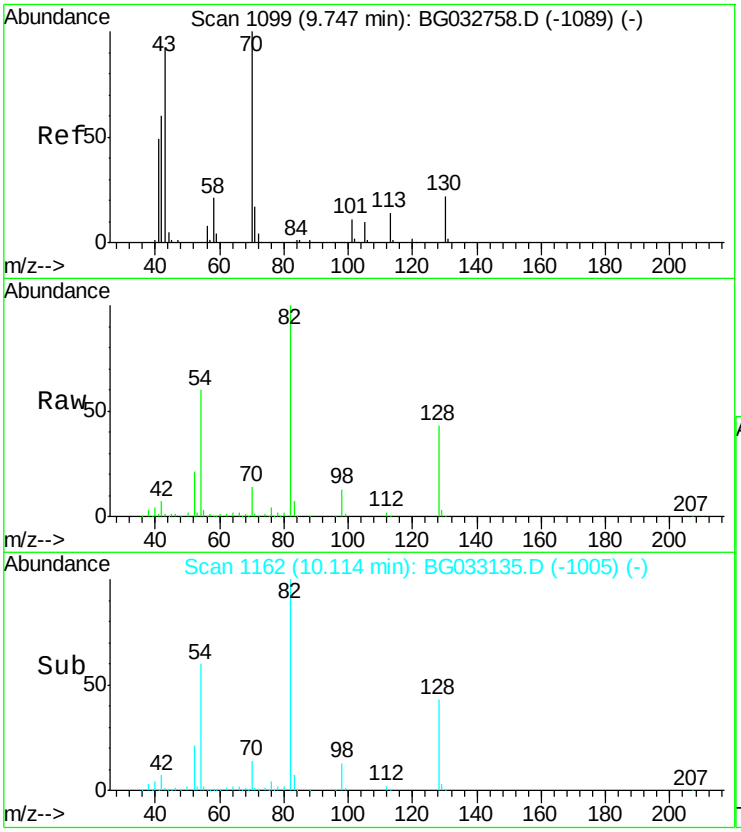


#15
Benzyl Alcohol
Concen: 3.156 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.02 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion: 79 Resp: 9245

Ion	Ratio	Lower	Upper
79	100		
108	65.1	57.2	85.8
77	56.6	46.1	69.1



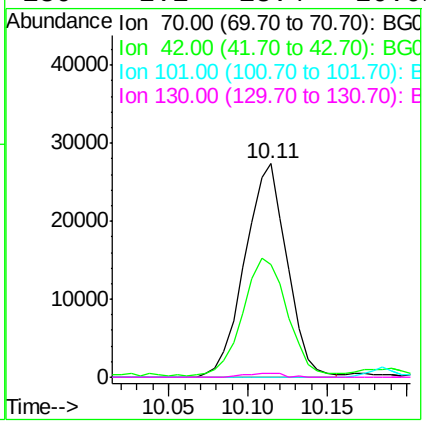


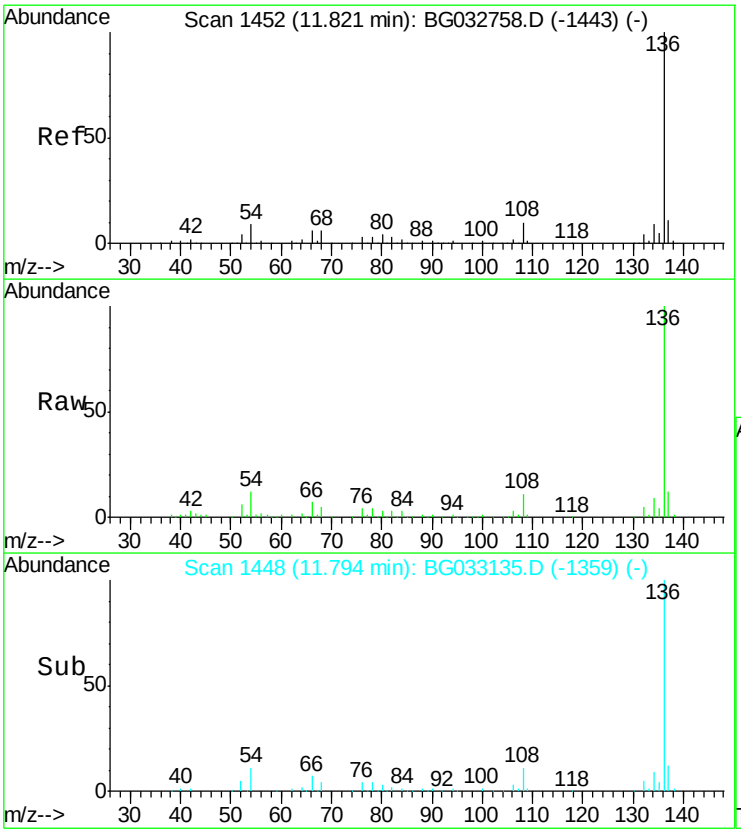
#19
n-Nitroso-di-n-propylamine
Concen: 17.980 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.39 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 50573

Ion	Ratio	Lower	Upper
70	100		
42	52.8	49.1	73.7
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#

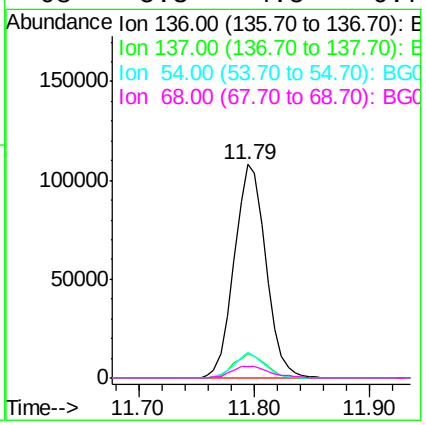


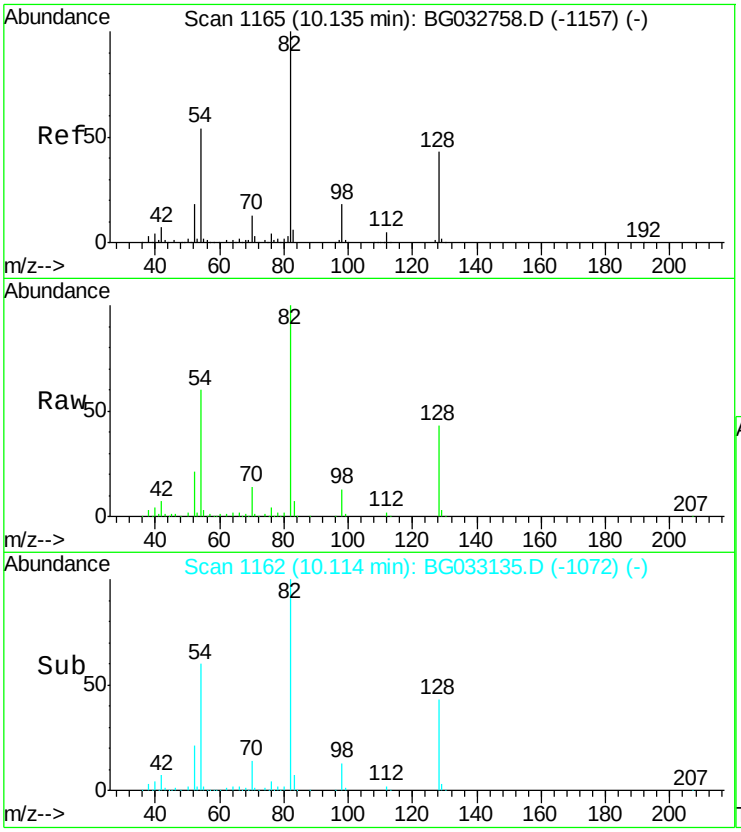


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:136 Resp: 205038

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	11.7	10.3	15.5
68	5.3	4.5	6.7



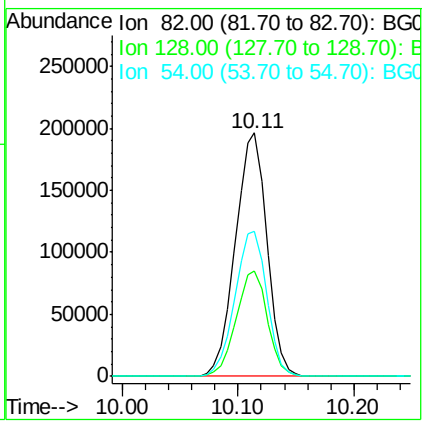


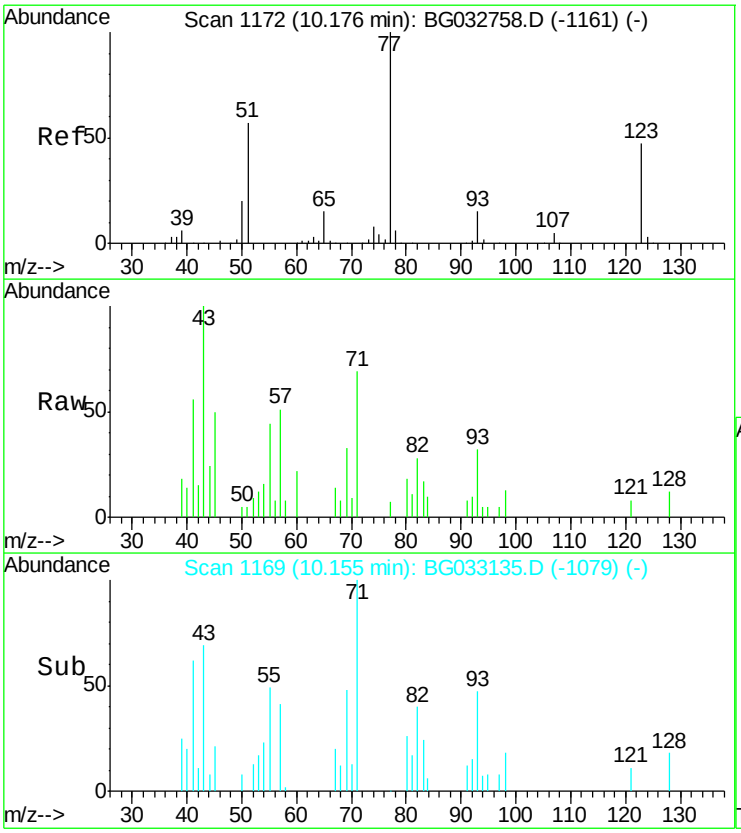
#23
Nitrobenzene-d5
Concen: 120.932 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 371328

Ion	Ratio	Lower	Upper
82	100		
128	43.2	29.7	44.5
54	59.7	43.1	64.7

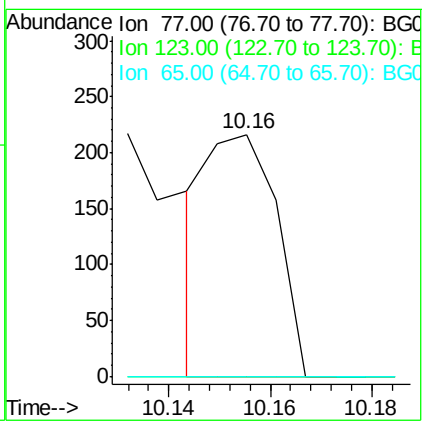


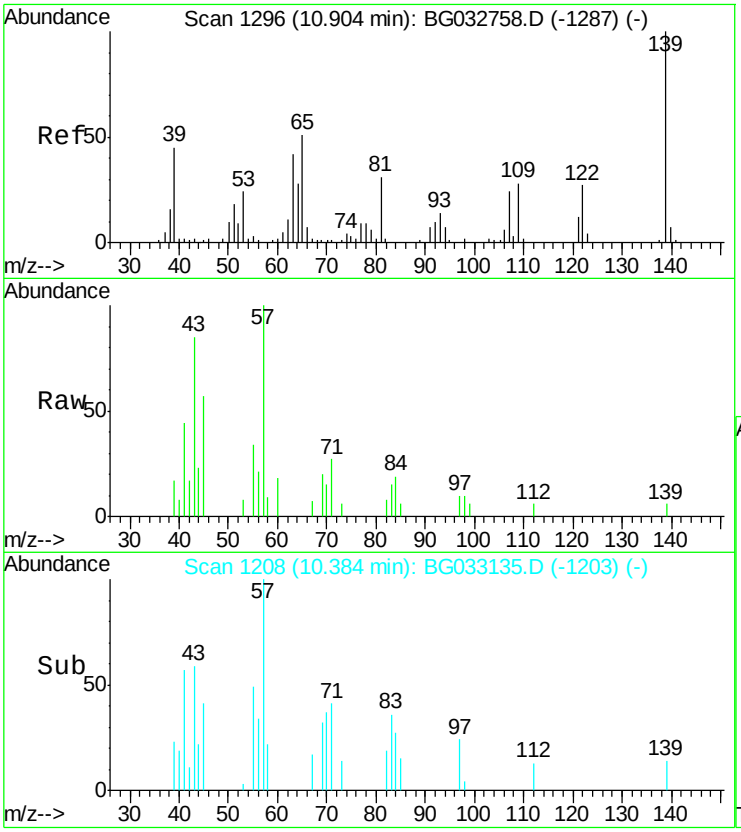


#24
Nitrobenzene
Concen: 6.435 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion: 77 Resp: 205

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



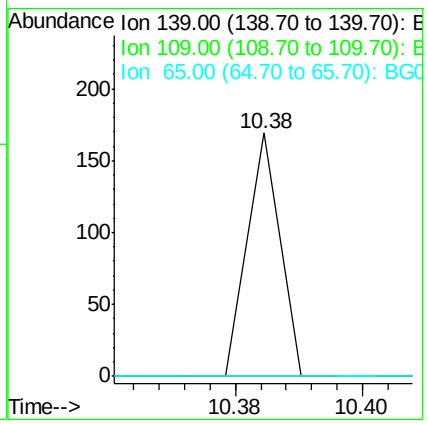


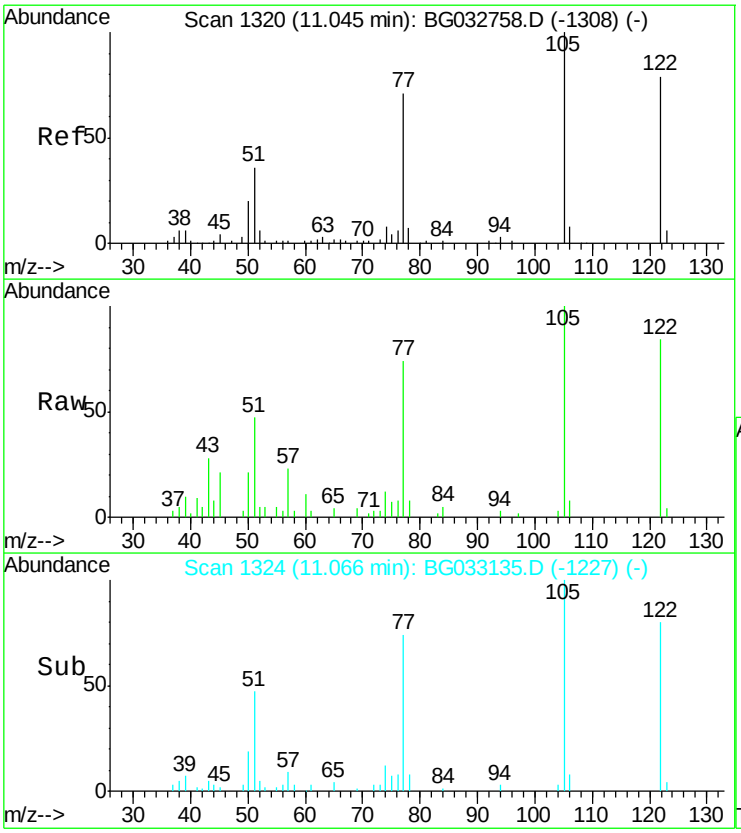
#26
2-Nitrophenol
Concen: 5.490 ng
RT: 10.38 min Scan# 1208
Delta R.T. -0.50 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 60

Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.2	36.2#
65	0.0	47.4	71.0#

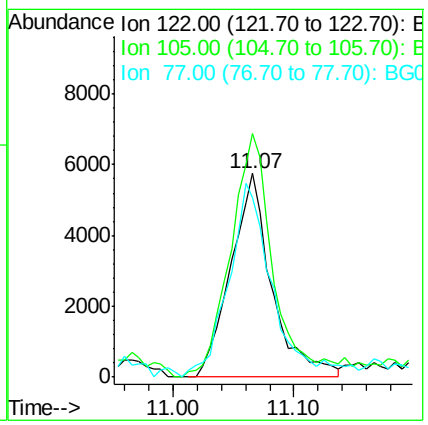


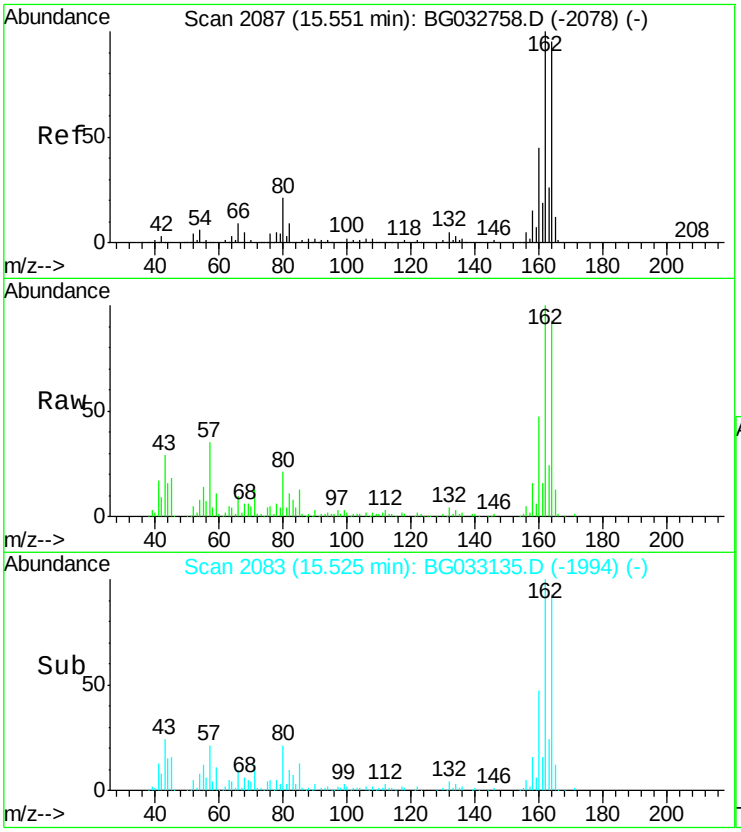


#32
Benzoic acid
Concen: 13.770 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.04 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:122 Resp: 13576

Ion	Ratio	Lower	Upper
122	100		
105	119.6	123.5	163.5#
77	88.5	85.7	125.7



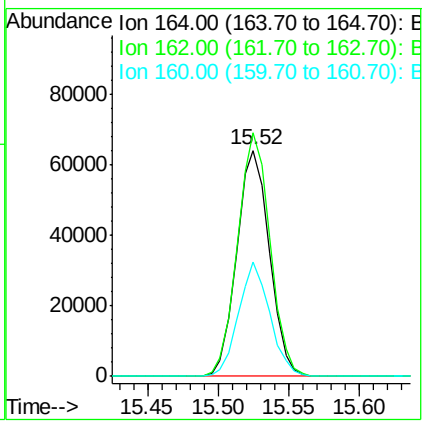


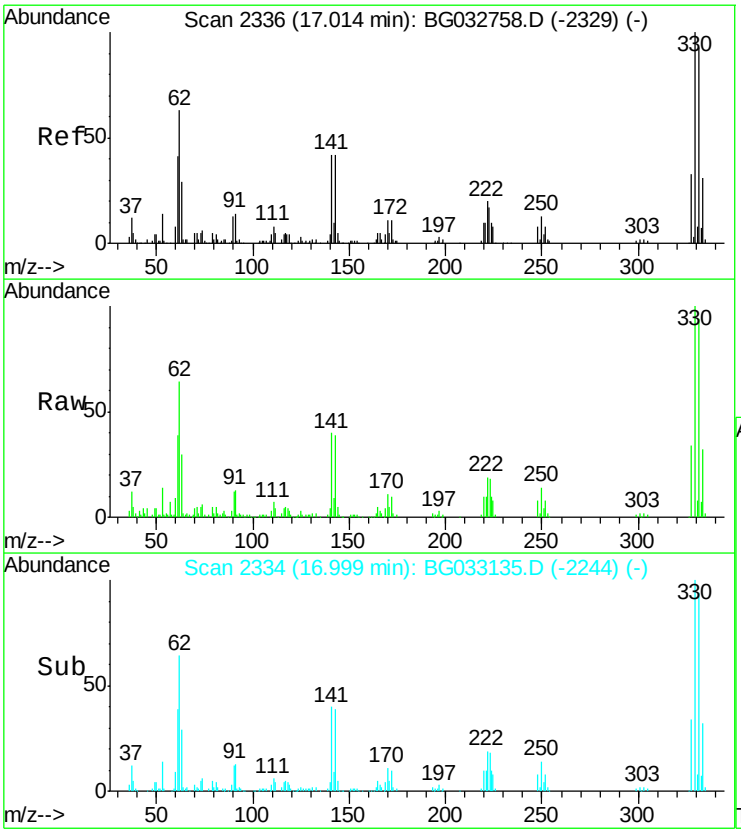
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 103413

Ion	Ratio	Lower	Upper
164	100		
162	107.9	78.8	118.2
160	50.5	35.4	53.0

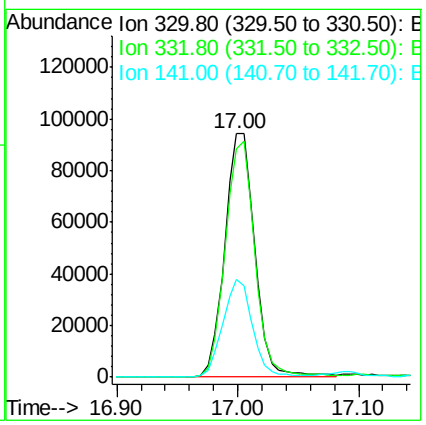


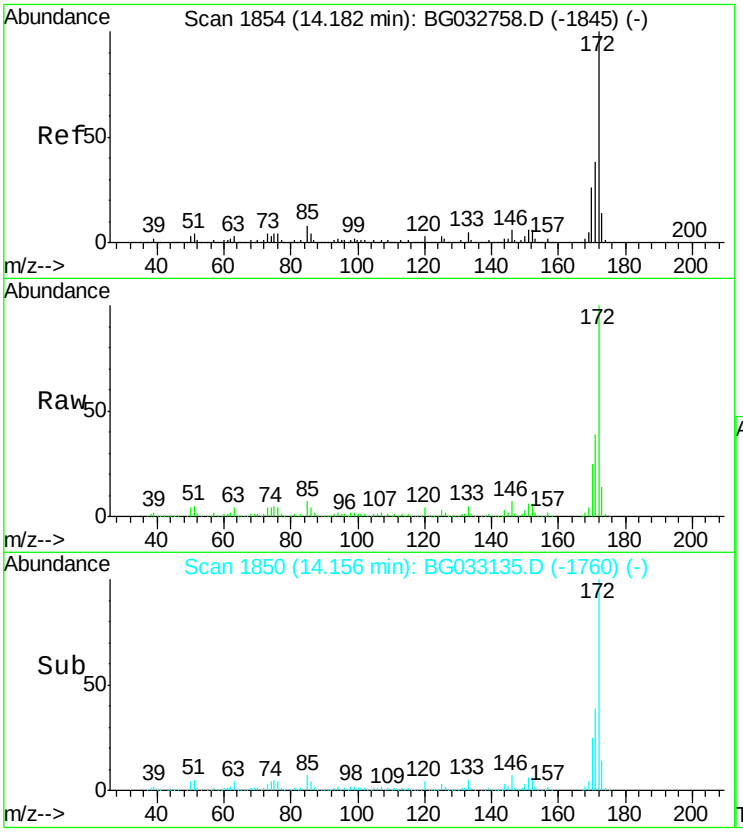


#41
2,4,6-Tribromophenol
Concen: 150.471 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:330 Resp: 163615

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	39.0	25.2	37.8#



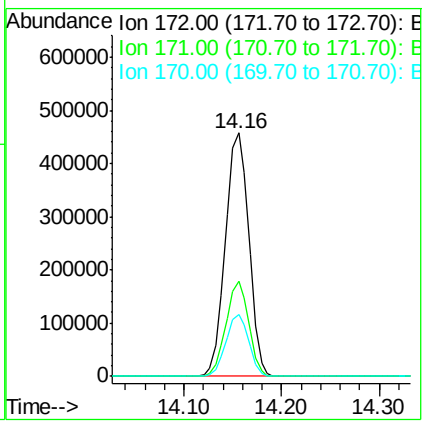


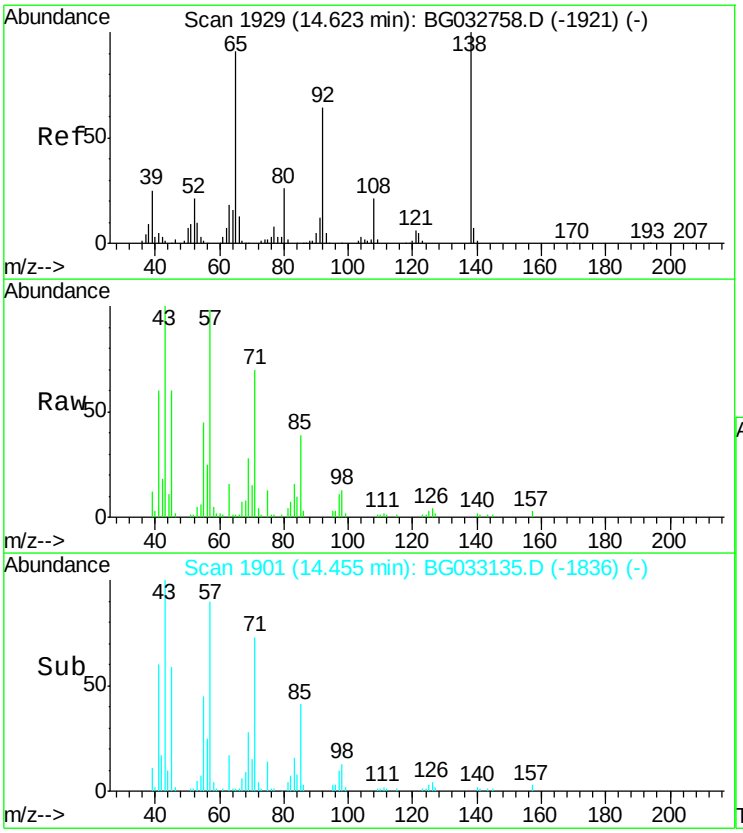
#44
2-Fluorobiphenyl
Concen: 106.467 ng
RT: 14.16 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 763395

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	25.4	19.5	29.3

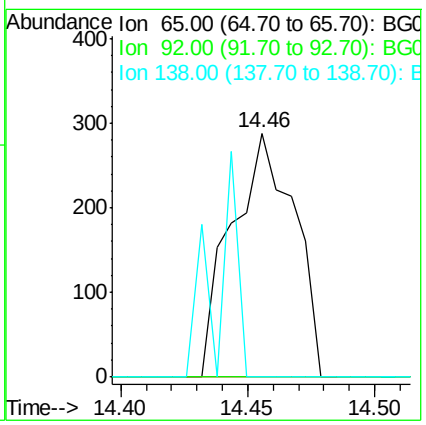


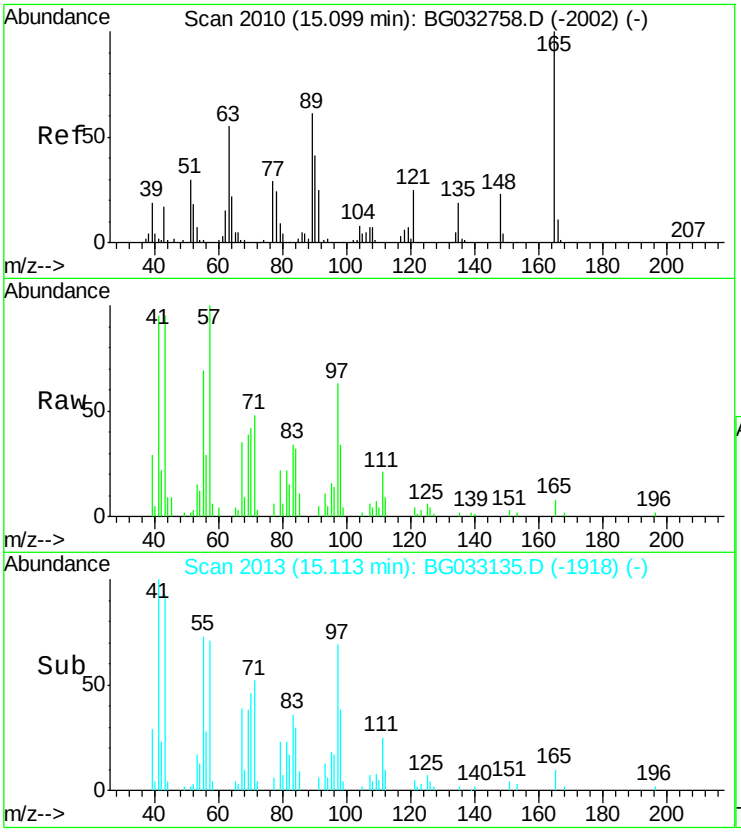


#47
2-Nitroaniline
Concen: 10.068 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.15 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion: 65 Resp: 498

Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	0.0	72.9	109.3#



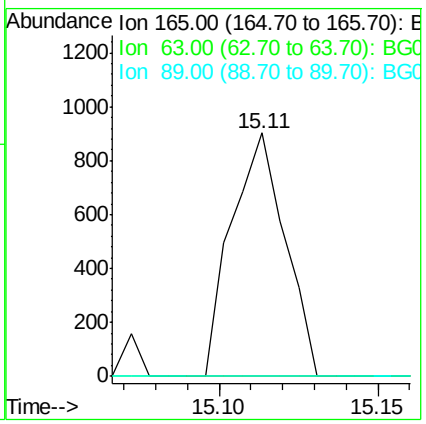


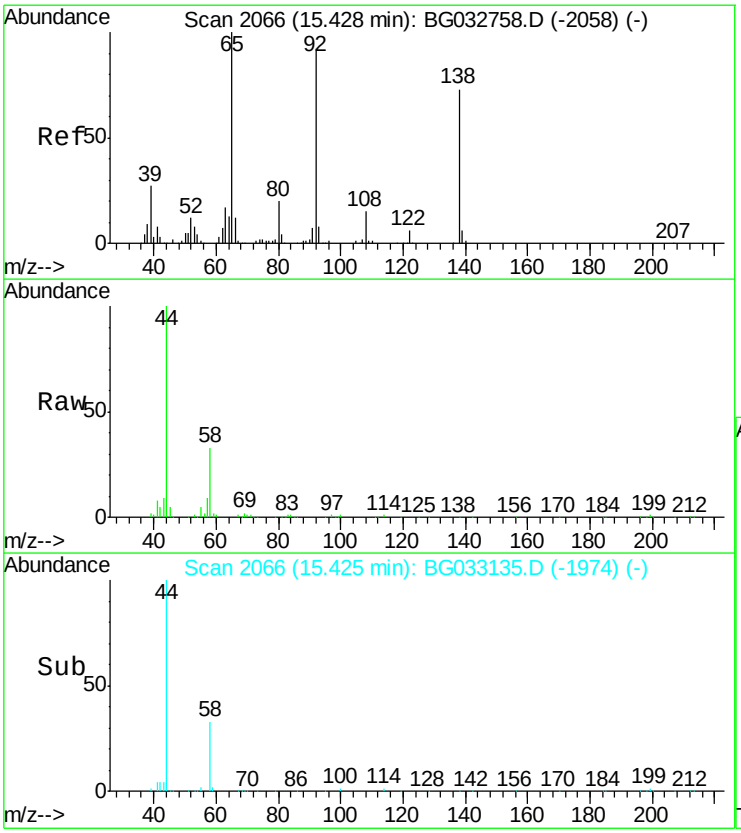
#50
2,6-Dinitrotoluene
Concen: 9.488 ng
RT: 15.11 min Scan# 2013
Delta R.T. 0.03 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 1053

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

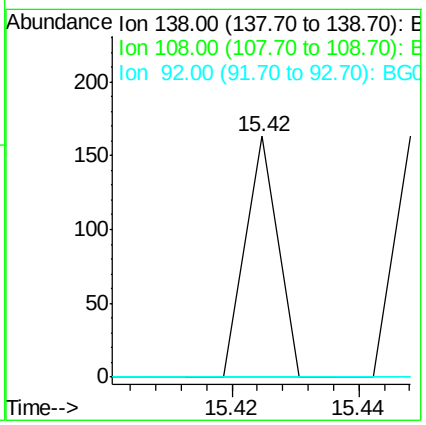


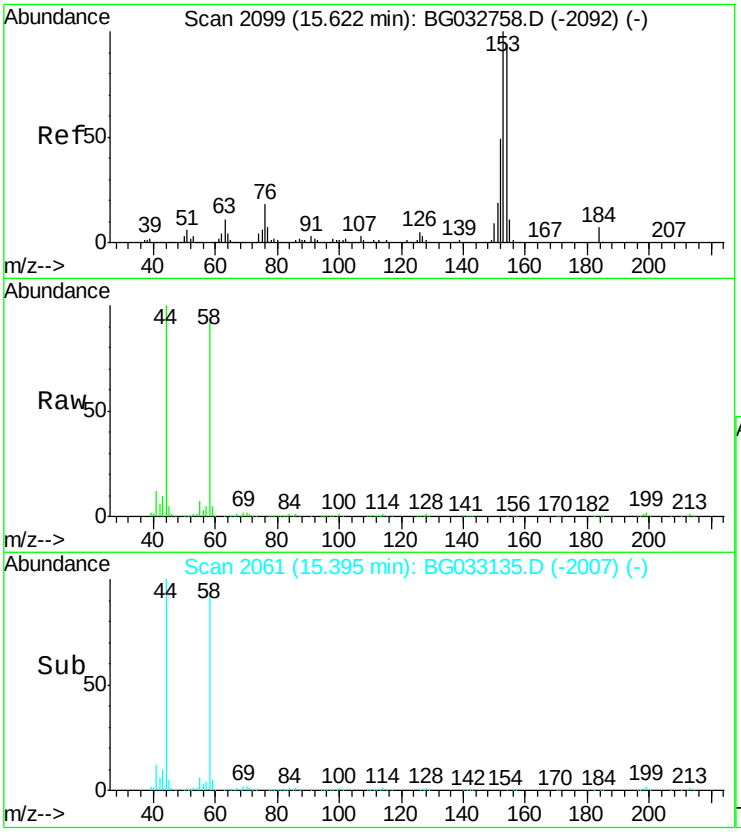


#52
3-Nitroaniline
Concen: 7.570 ng
RT: 15.42 min Scan# 2066
Delta R.T. 0.01 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:138 Resp: 57

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



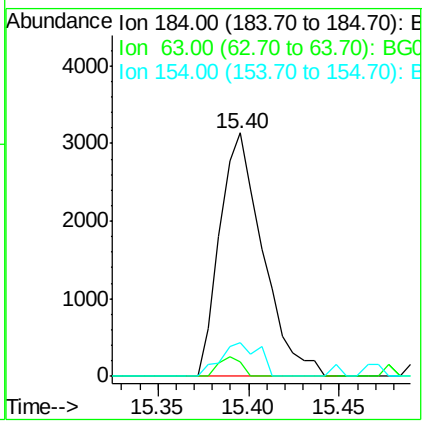


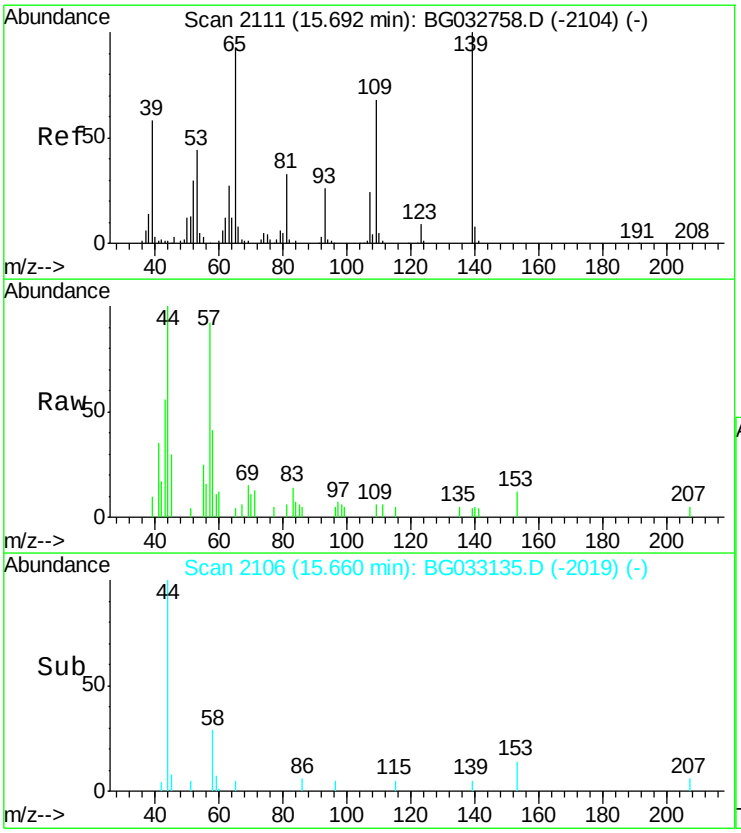
#53
2,4-Dinitrophenol
Concen: 18.185 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.21 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 5193

Ion	Ratio	Lower	Upper
184	100		
63	5.7	59.8	89.8#
154	13.8	101.8	152.8#

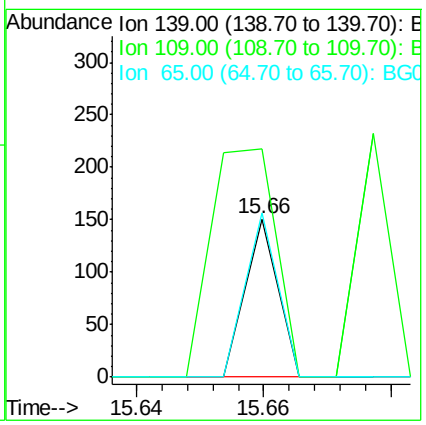


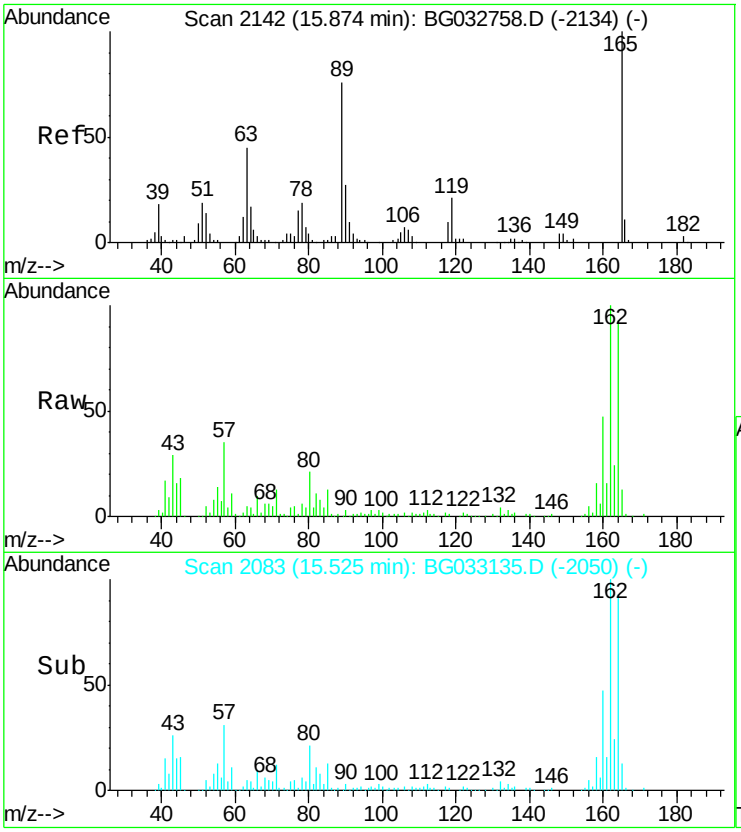


#55
4-Nitrophenol
Concen: 7.114 ng
RT: 15.66 min Scan# 2106
Delta R.T. -0.02 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:139 Resp: 53

Ion	Ratio	Lower	Upper
139	100		
109	144.4	62.2	102.2#
65	104.0	97.2	137.2



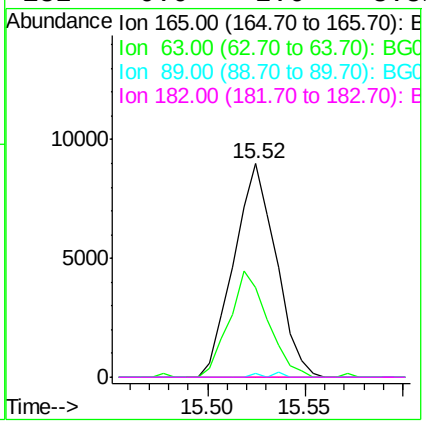


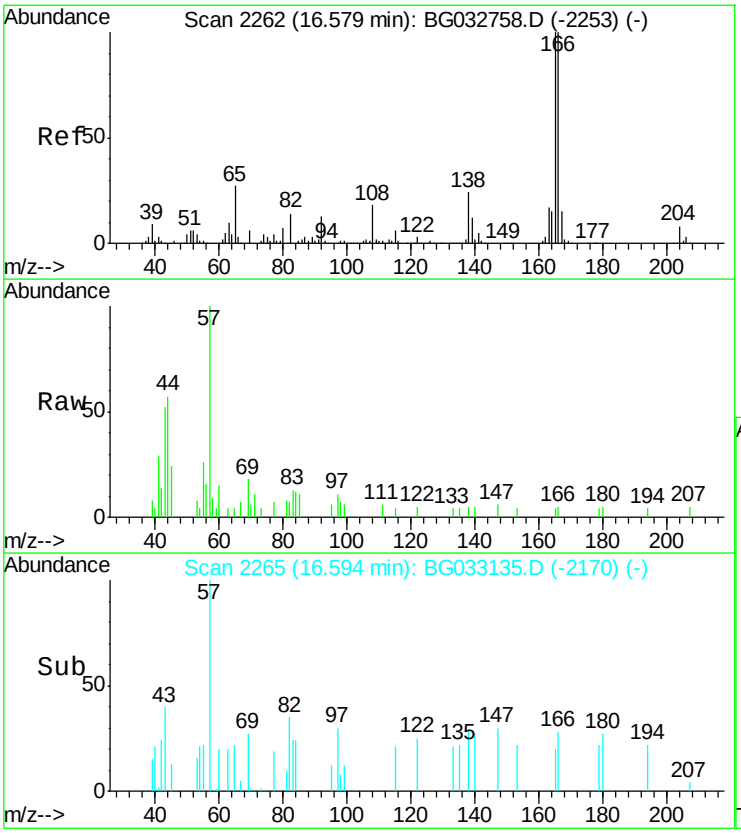
#56
2,4-Dinitrotoluene
Concen: 14.642 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13462

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

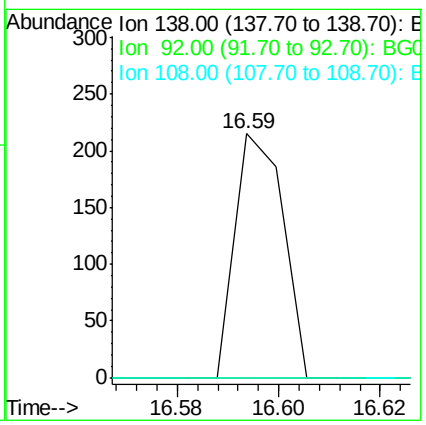


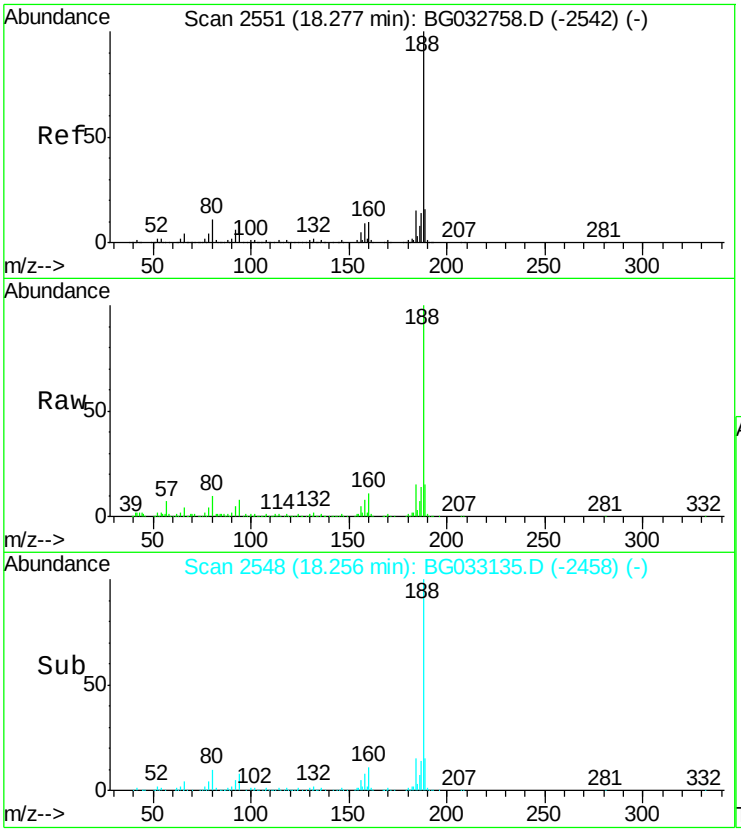


#61
4-Nitroaniline
Concen: 5.366 ng
RT: 16.59 min Scan# 2265
Delta R.T. 0.03 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:138 Resp: 141

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.1	80.1#
108	0.0	65.4	105.4#



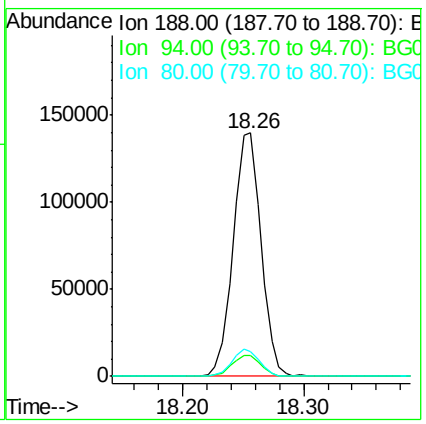


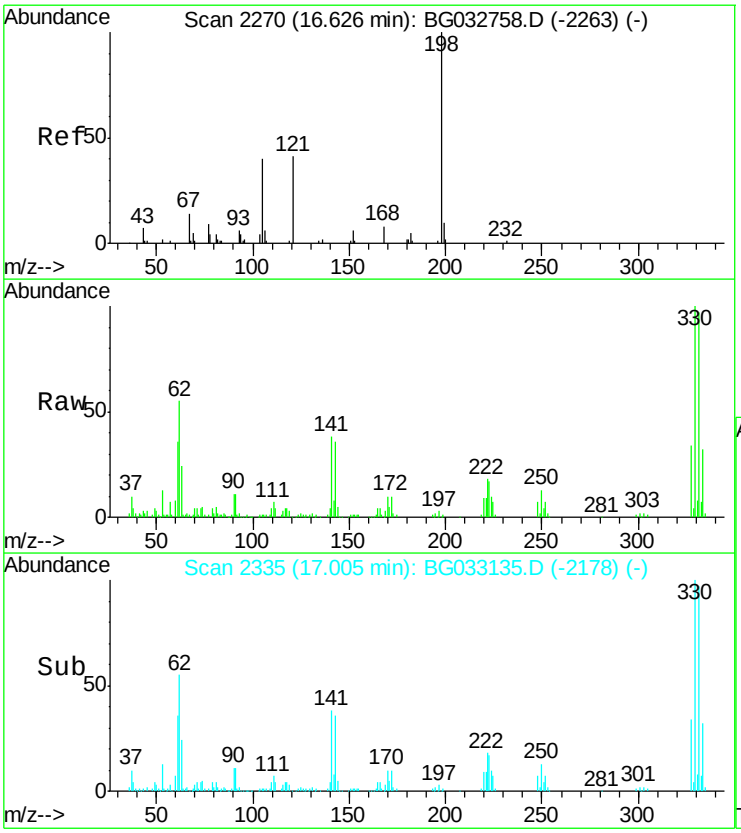
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 225157

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	10.2	7.7	11.5

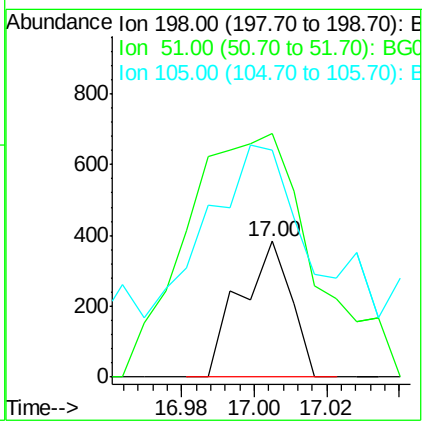


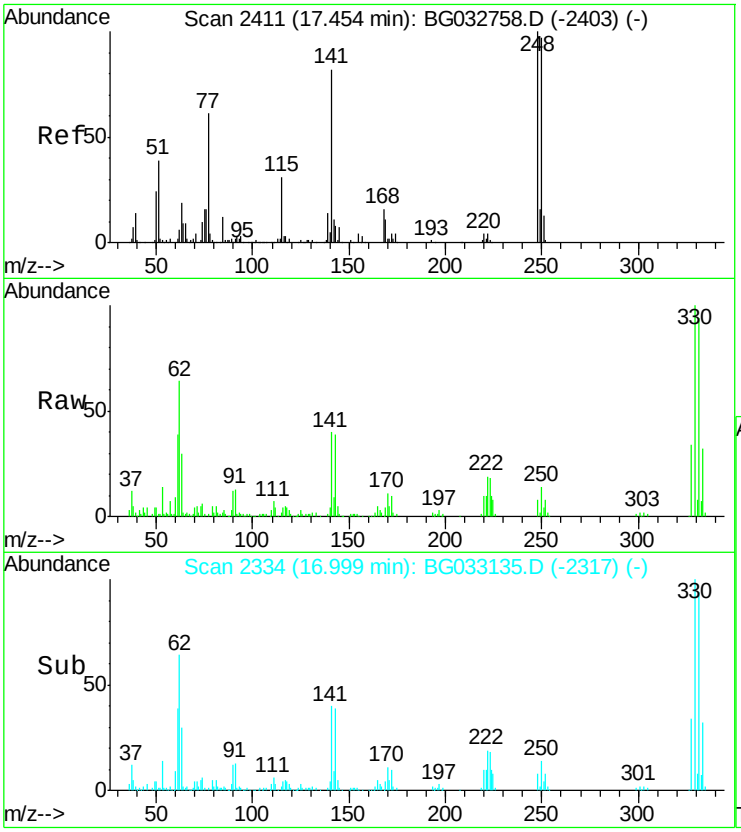


#64
4,6-Dinitro-2-methylphenol
Concen: 5.649 ng
RT: 17.00 min Scan# 2335
Delta R.T. 0.39 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:198 Resp: 371

Ion	Ratio	Lower	Upper
198	100		
51	179.6	30.6	70.6#
105	167.6	23.8	63.8#



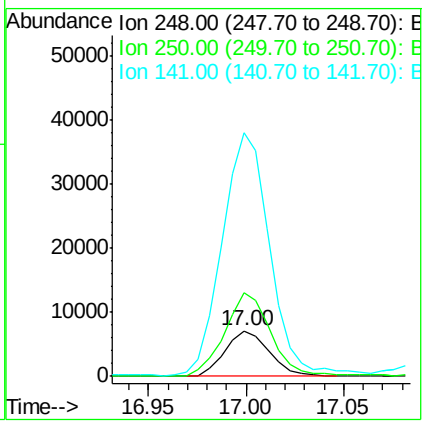


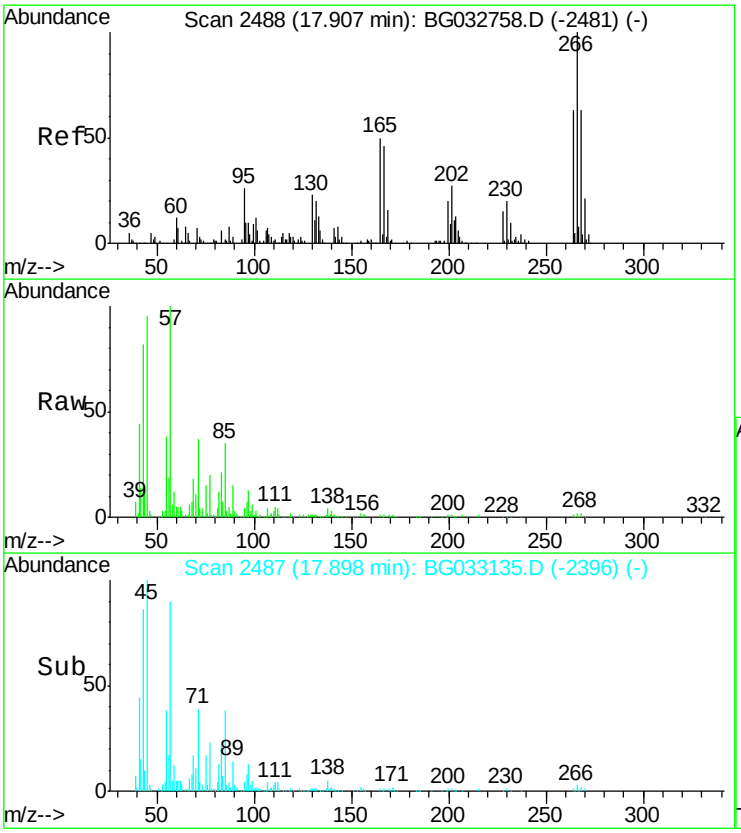
#66
4-Bromophenyl-phenylether
Concen: 4.611 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.43 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10978

Ion	Ratio	Lower	Upper
248	100		
250	184.8	77.1	115.7#
141	534.3	50.8	76.2#

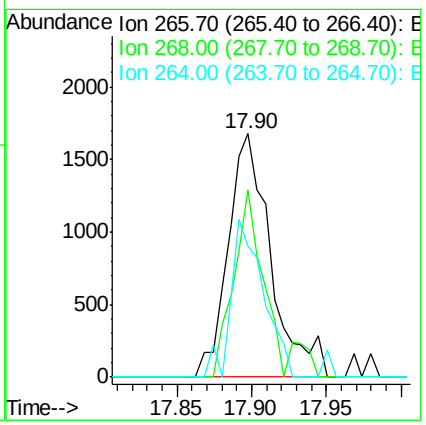


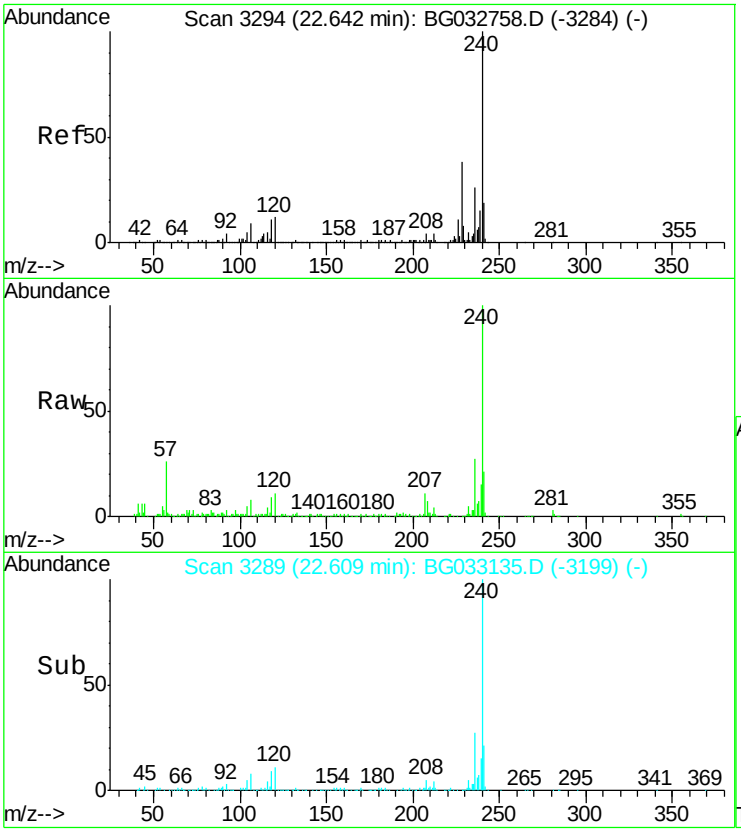


#69
Pentachlorophenol
Concen: 2.064 ng
RT: 17.90 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:266 Resp: 3345

Ion	Ratio	Lower	Upper
266	100		
268	77.1	51.1	76.7#
264	53.7	49.6	74.4



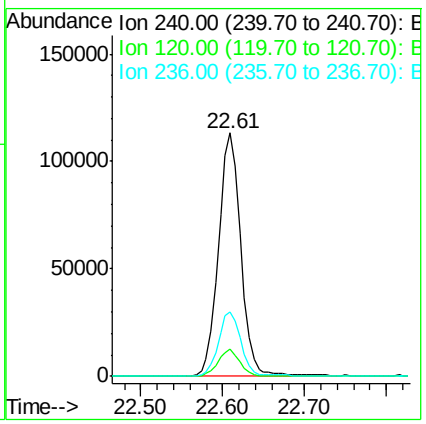


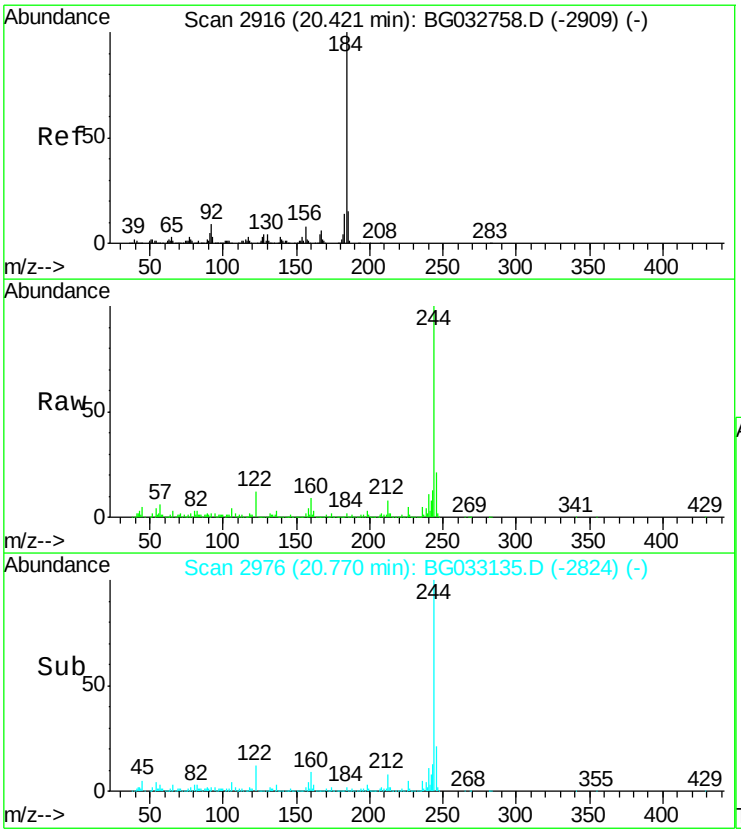
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 215871

Ion	Ratio	Lower	Upper
240	100		
120	11.2	6.8	10.2#
236	26.7	20.9	31.3

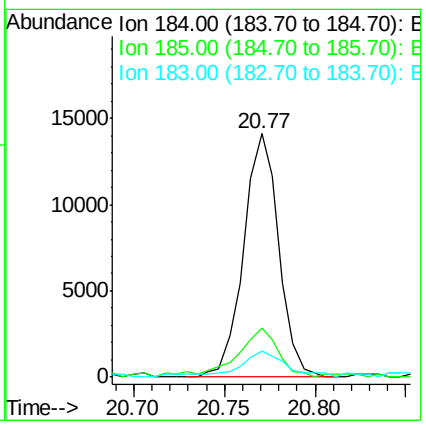


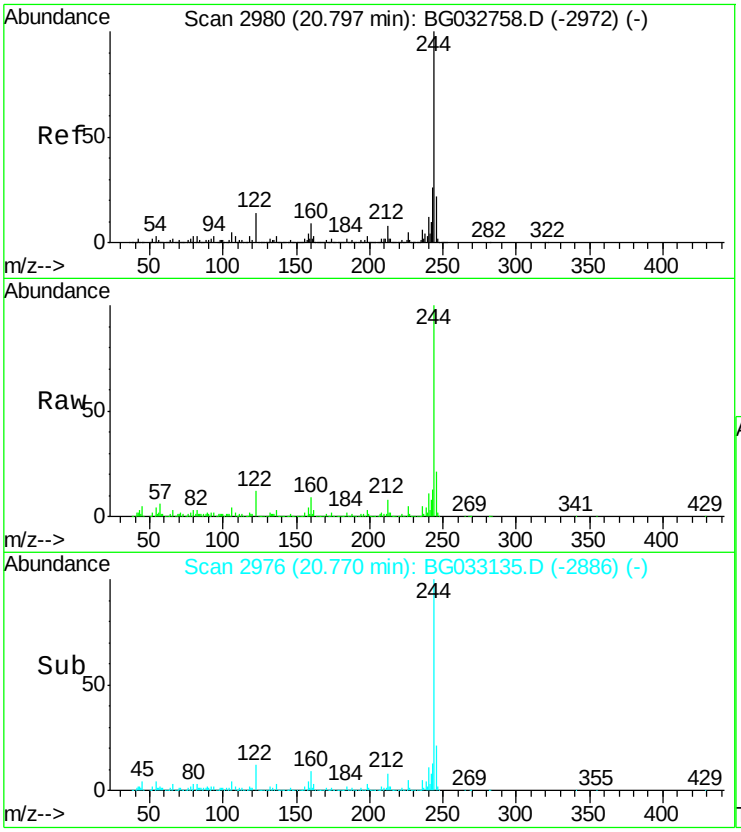


#76
Benzidine
Concen: 2.585 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.36 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:184 Resp: 19018

Ion	Ratio	Lower	Upper
184	100		
185	20.2	11.1	16.7#
183	10.6	10.6	16.0#



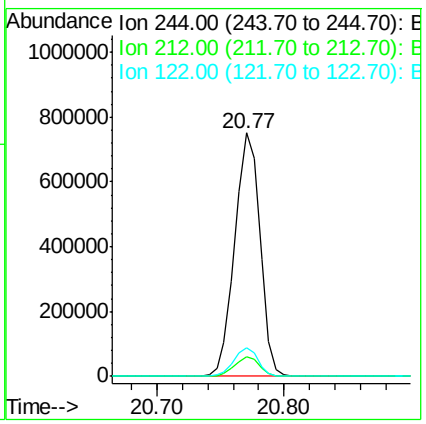


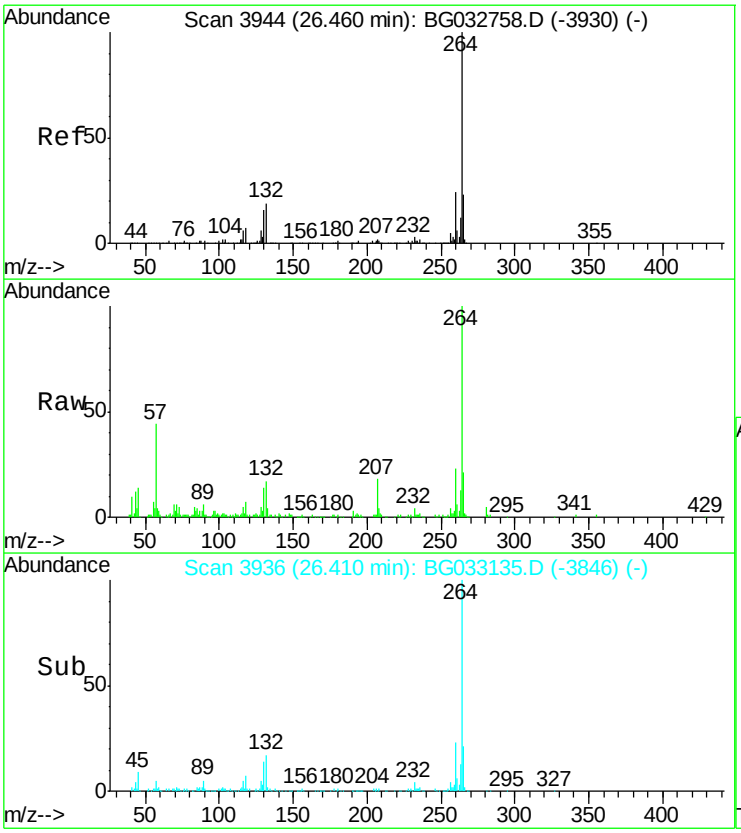
#78
Terphenyl-d14
Concen: 107.607 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1033911

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	11.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:264 Resp: 232982

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.5	17.7	26.5