Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
Data File : BG027326.D
Acq On : 8 Jun 2017 20:57
Operator : SJ/MA
Sample : I3460-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 09 05:49:50 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	46071	20.00	ng		-0.02
21) Naphthalene-d8	11.37	136	232363	20.00	ng		-0.03
38) Acenaphthene-d10	15.13	164	150962	20.00	ng		-0.03
63) Phenanthrene-d10	17.89	188	339370	20.00	ng		-0.03
75) Chrysene-d12	22.27	240	380351	20.00	ng		-0.04
86) Perylene-d12	25.96	264	357571	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	231001	76.51	ng		-0.01
7) Phenol-d6	7.69	99	224192	50.59	ng		-0.01
23) Nitrobenzene-d5	9.72	82	411456	111.36	ng		-0.02
41) 2,4,6-Tribromophenol	16.62	330	318346	160.14	ng		-0.03
44) 2-Fluorobiphenyl	13.76	172	965880	89.51	ng		-0.03
78) Terphenyl-d14	20.47	244	1414672	94.88	ng		-0.03
Target Compounds							Qvalue
31) Naphthalene	11.43	128	127465	10.04	ng		100
32) Benzoic acid	10.51	122	685	8.24	ng	#	3
33) 4-Chloroaniline	11.43	127	17767	3.36	ng	#	27
37) 2-Methylnaphthalene	13.21	142	18851	2.03	ng		97
47) 2-Nitroaniline	14.23	65	139	6.88	ng	#	16
50) 2,6-Dinitrotoluene	14.56	165	128	5.66	ng	#	6
51) Acenaphthene	15.20	154	26089	2.57	ng		94
52) 3-Nitroaniline	15.00	138	61	5.74	ng	#	1
55) 4-Nitrophenol	15.32	139	331	6.26	ng	#	47
56) 2,4-Dinitrotoluene	15.46	165	53	7.00	ng	#	16
61) 4-Nitroaniline	16.00	138	392	6.03	ng		85
72) Carbazole	18.28	167	38173	2.12	ng		97

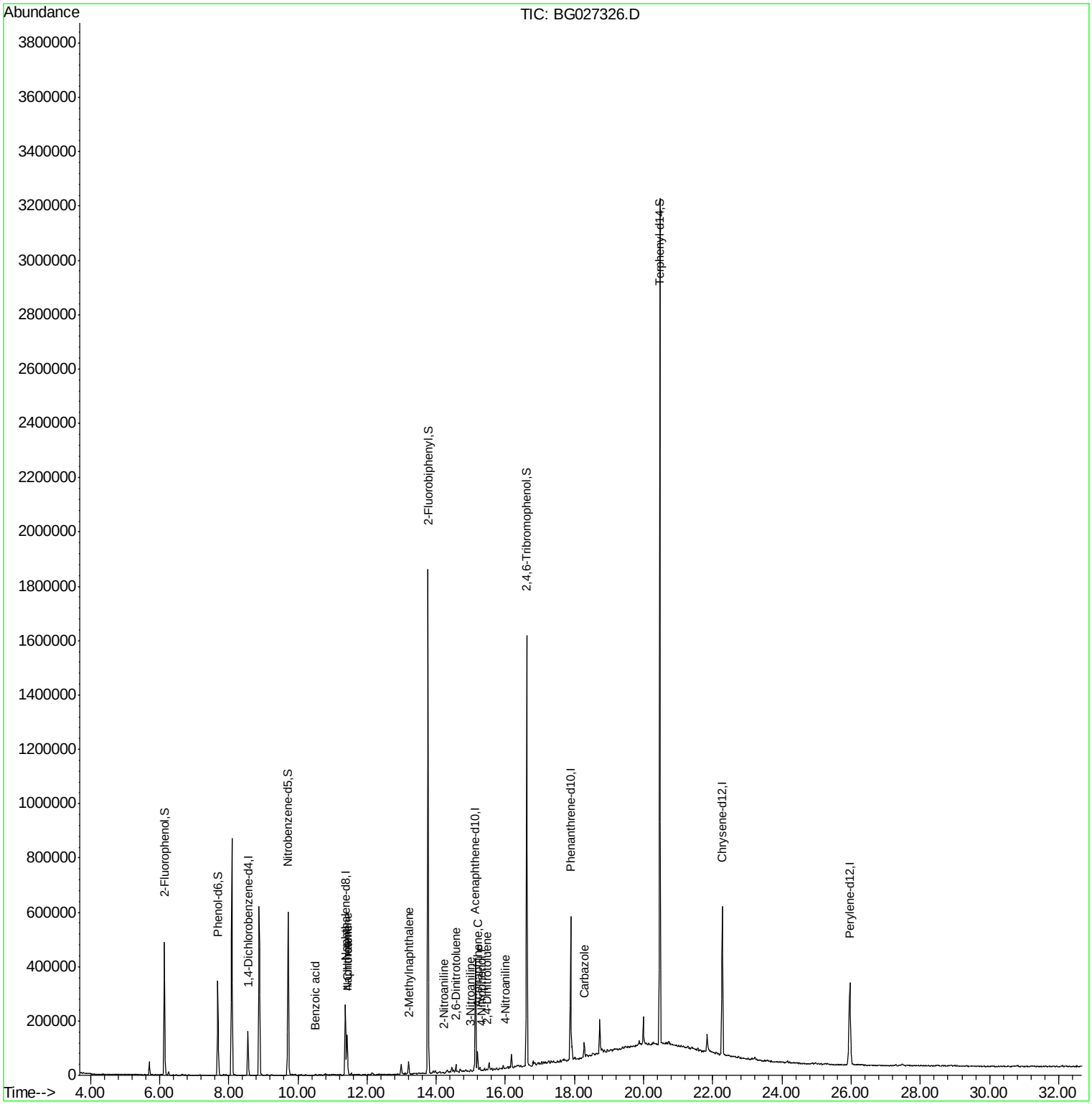
(#) = qualifier out of range (m) = manual integration (+) = signals summed

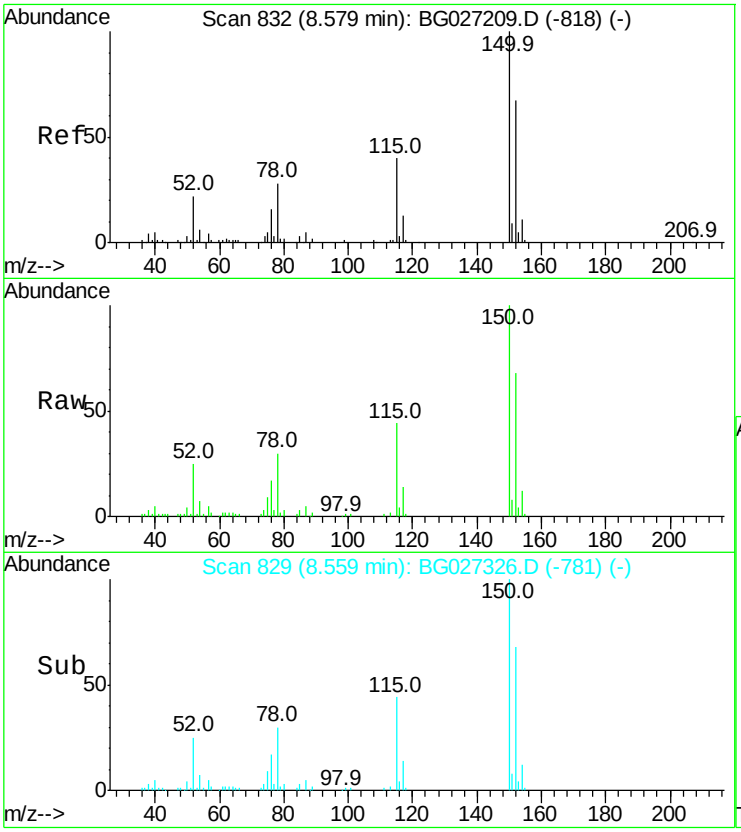
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
Data File : BG027326.D
Acq On : 8 Jun 2017 20:57
Operator : SJ/MA
Sample : I3460-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 09 05:49:50 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration



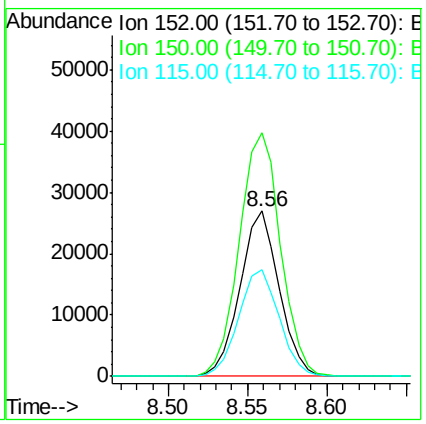


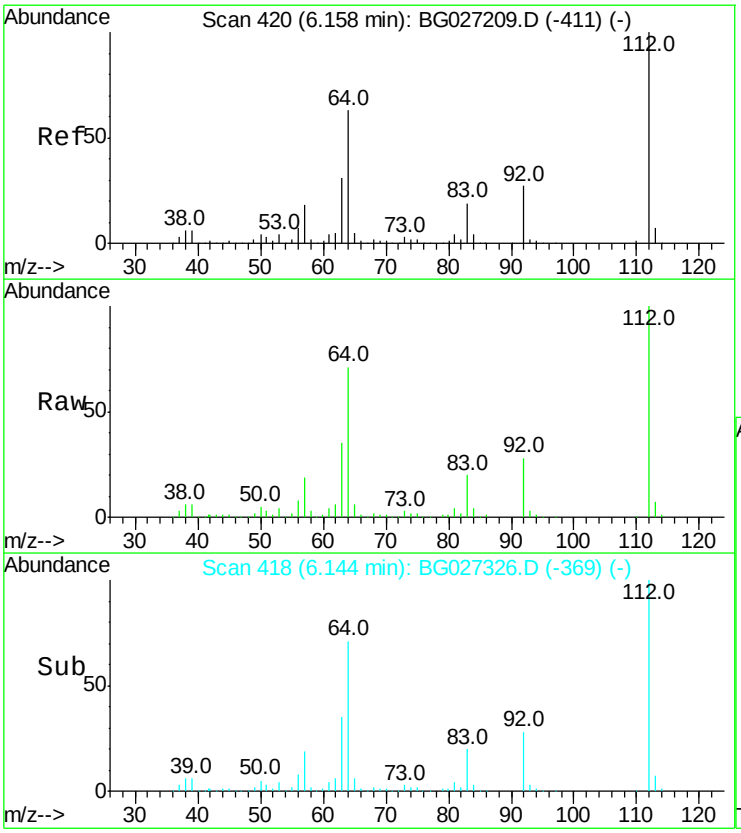
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 46071

Ion	Ratio	Lower	Upper
152	100		
150	147.3	114.0	171.0
115	64.6	48.1	72.1

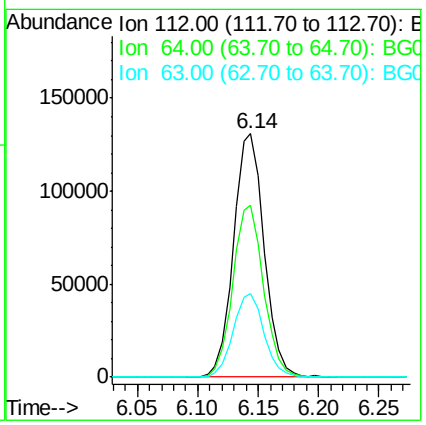


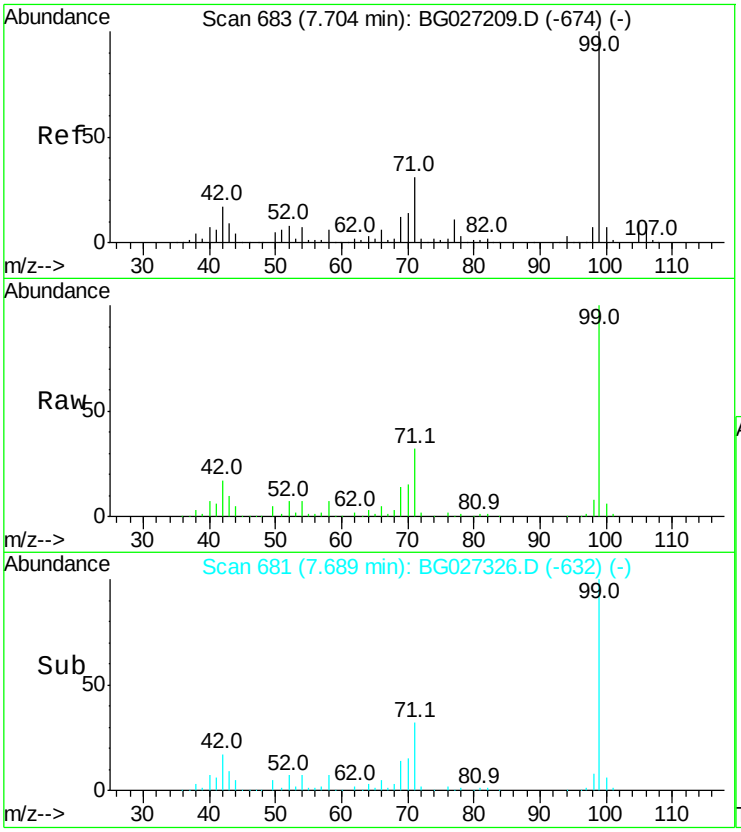


#5
2-Fluorophenol
Concen: 76.51 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:112 Resp: 231001

Ion	Ratio	Lower	Upper
112	100		
64	70.7	61.8	92.6
63	34.5	37.2	55.8#



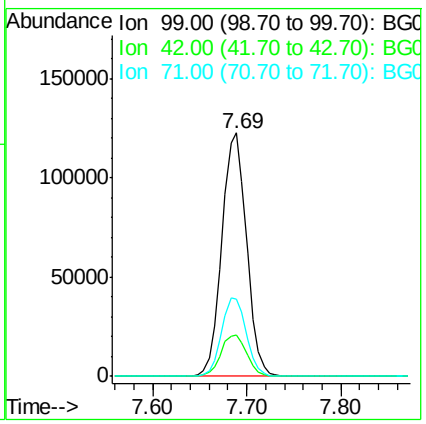


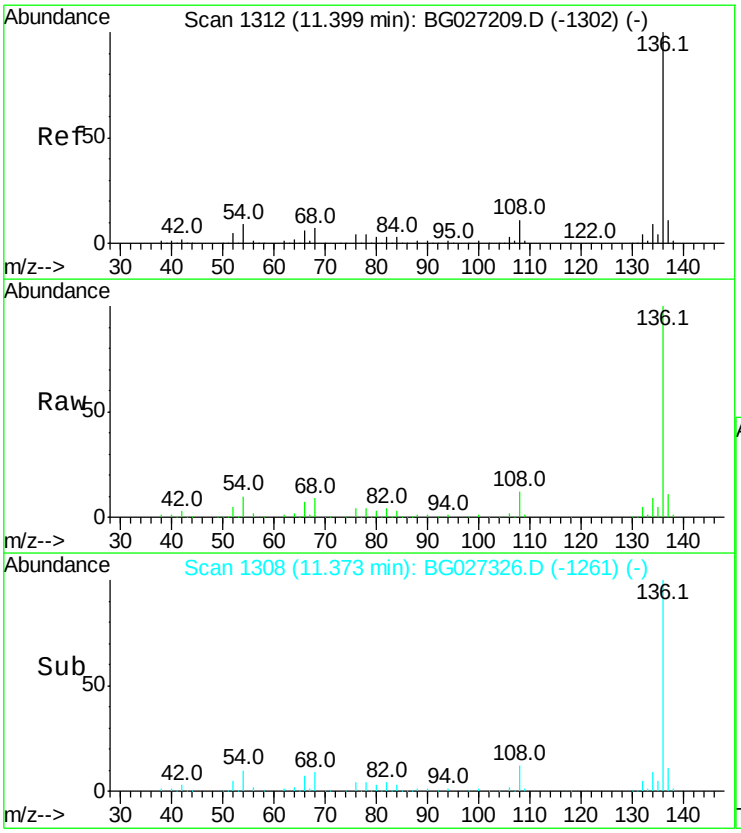
#7
Phenol-d6
Concen: 50.59 ng
RT: 7.69 min Scan# 681
Delta R.T. -0.01 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 224192

Ion	Ratio	Lower	Upper
99	100		
42	17.1	20.5	30.7#
71	31.7	37.6	56.4#

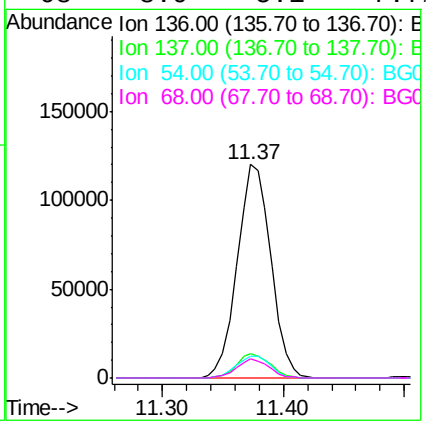


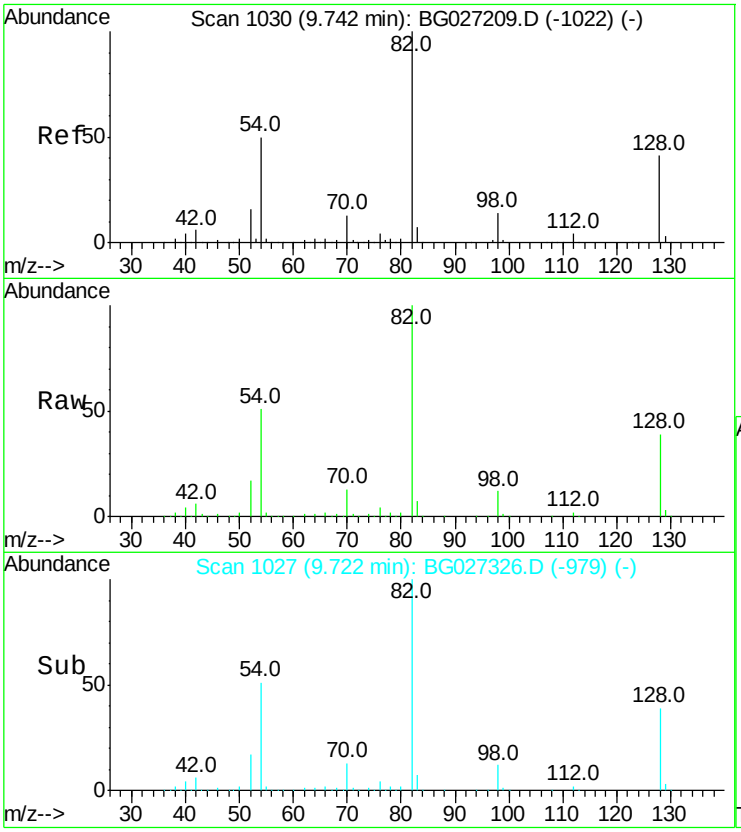


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:136 Resp: 232363

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.3	9.3	13.9
68	8.9	5.1	7.7#



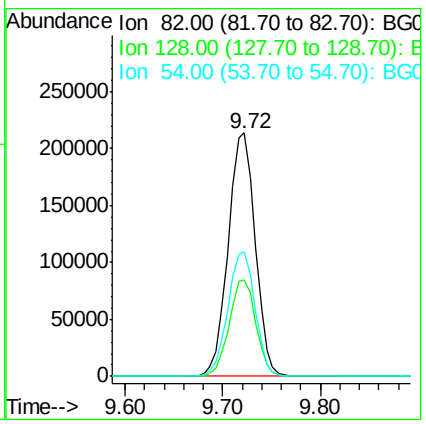


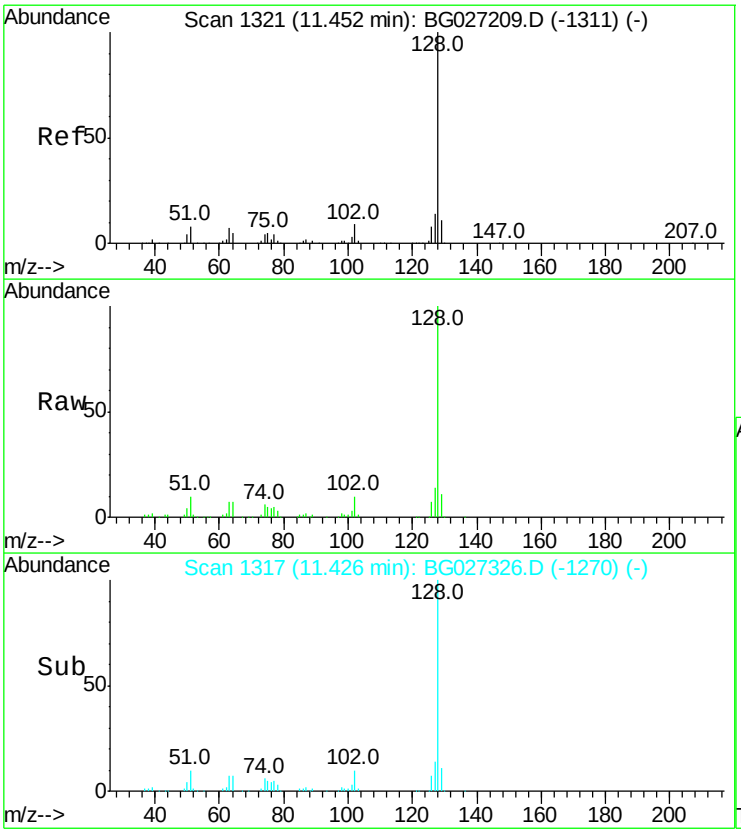
#23
Nitrobenzene-d5
Concen: 111.36 ng
RT: 9.72 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 411456

Ion	Ratio	Lower	Upper
82	100		
128	39.5	26.4	39.6
54	51.0	49.4	74.2

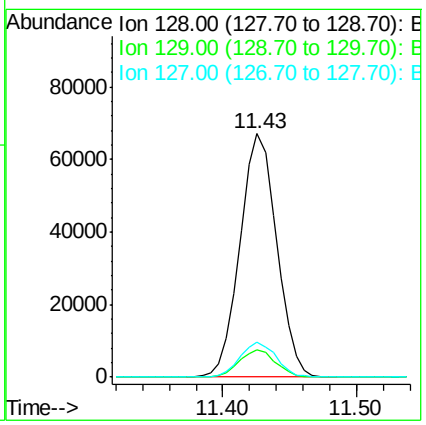


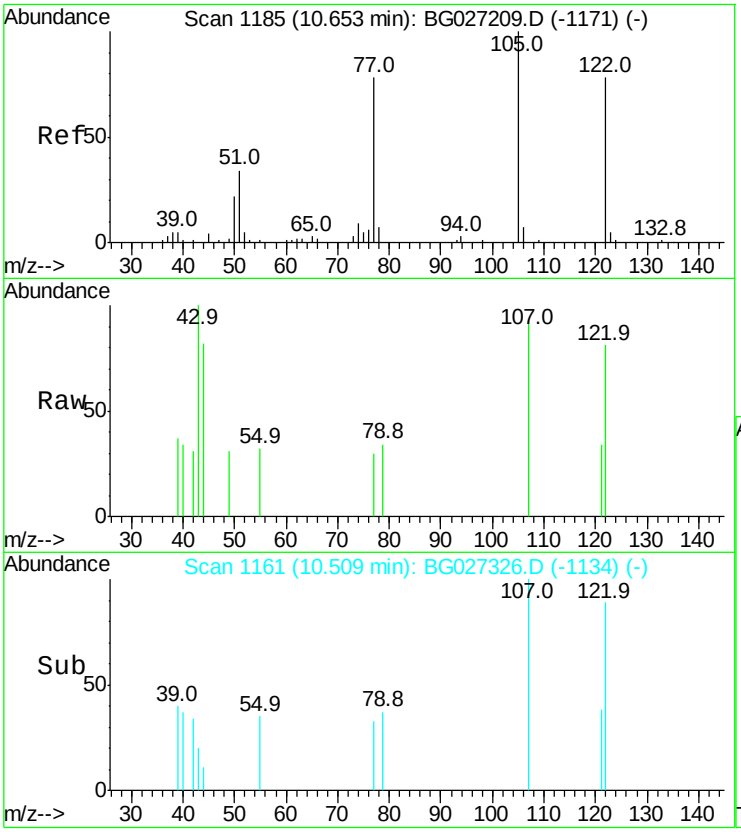


#31
Naphthalene
Concen: 10.04 ng
RT: 11.43 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:128 Resp: 127465

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.1	11.4	17.0



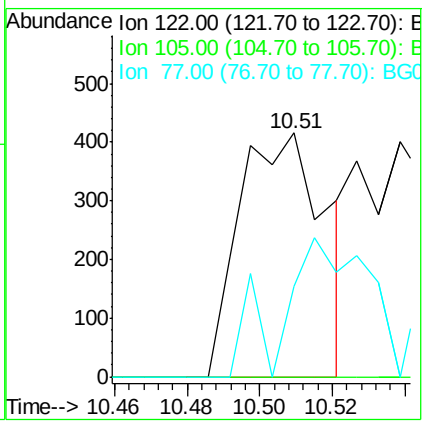


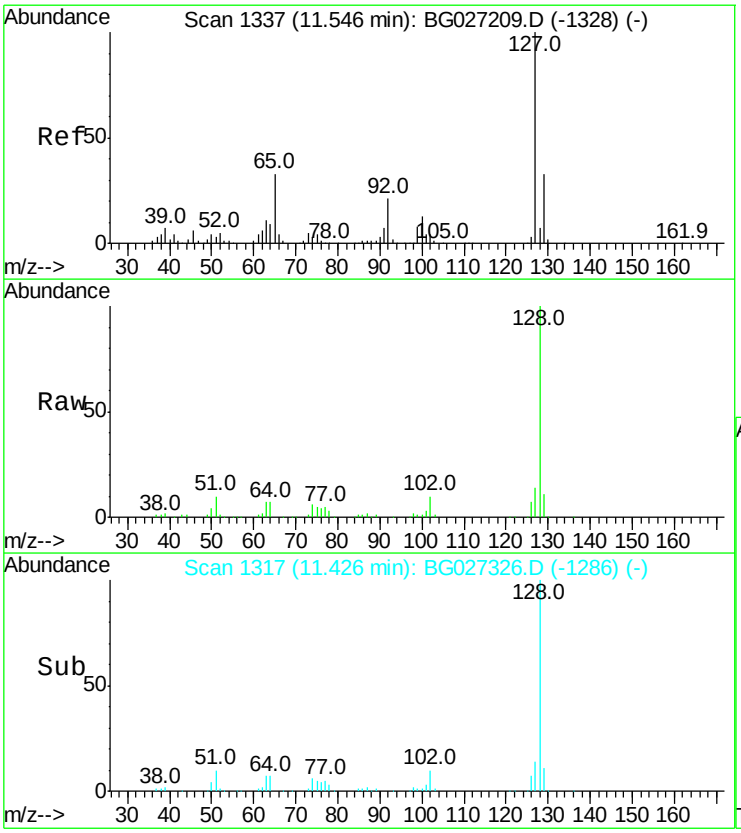
#32
Benzoic acid
Concen: 8.24 ng
RT: 10.51 min Scan# 1161
Delta R.T. -0.14 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 685

Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	37.0	104.6	144.6#

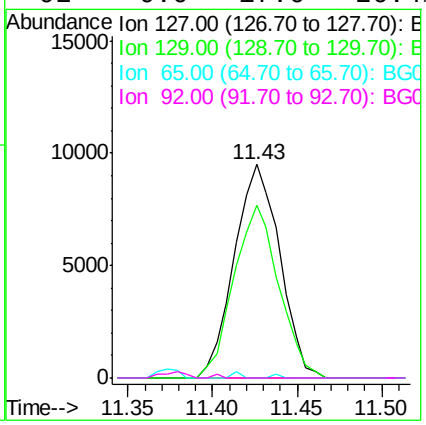


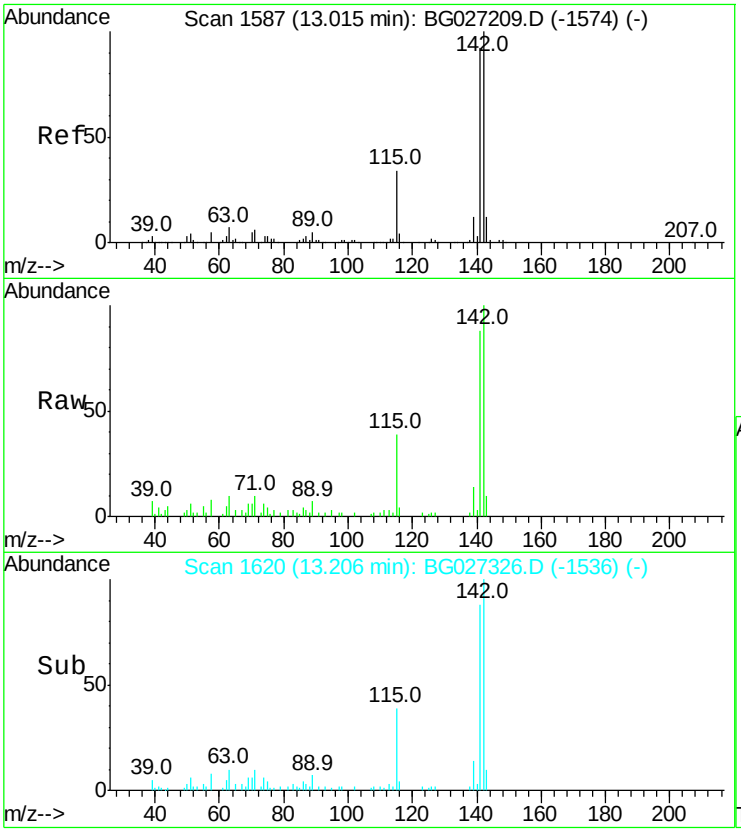


#33
4-Chloroaniline
Concen: 3.36 ng
RT: 11.43 min Scan# 1317
Delta R.T. -0.12 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:127 Resp: 17767

Ion	Ratio	Lower	Upper
127	100		
129	81.0	23.6	35.4#
65	0.0	37.7	56.5#
92	0.0	17.6	26.4#



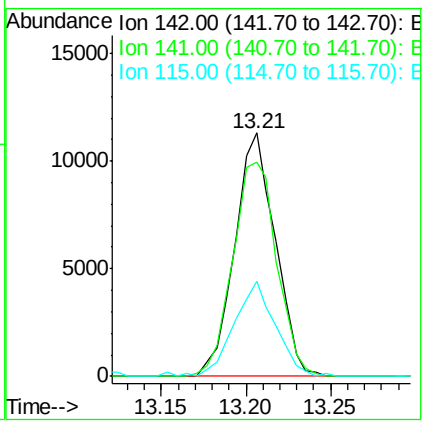


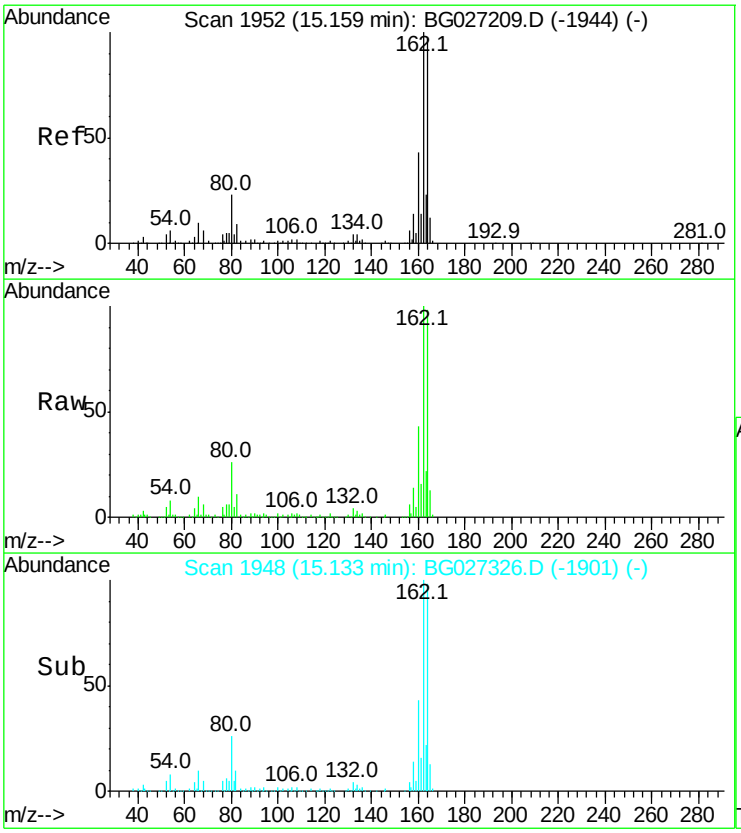
#37
2-Methylnaphthalene
Concen: 2.03 ng
RT: 13.21 min Scan# 1620
Delta R.T. 0.19 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 18851

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	39.0	35.5	53.3

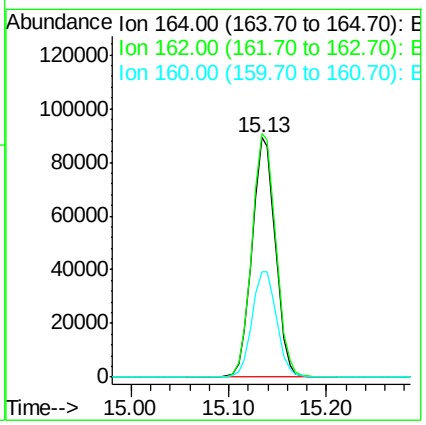


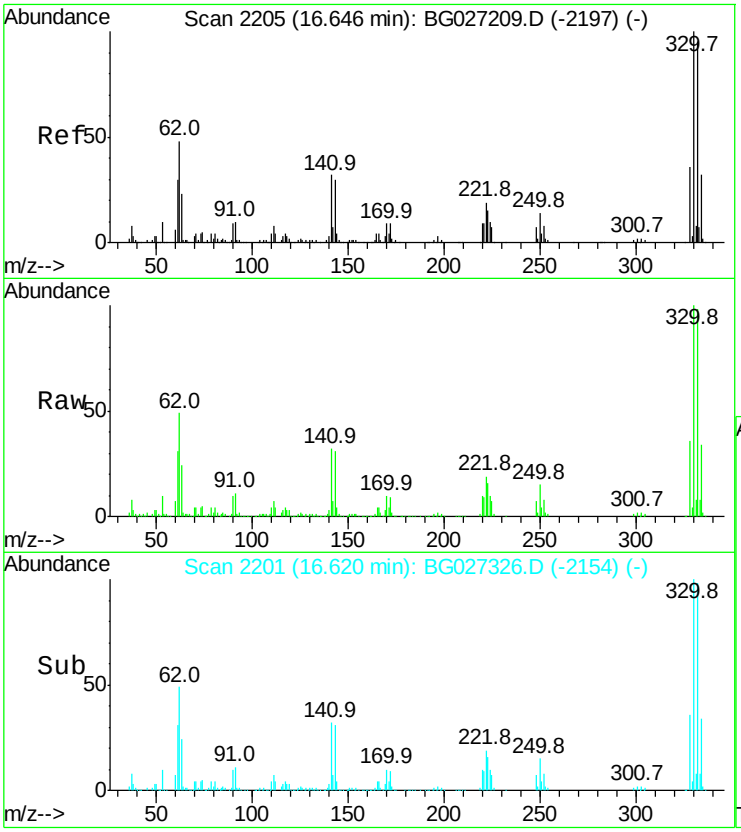


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.13 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:164 Resp: 150962

Ion	Ratio	Lower	Upper
164	100		
162	101.6	85.1	127.7
160	43.7	34.7	52.1



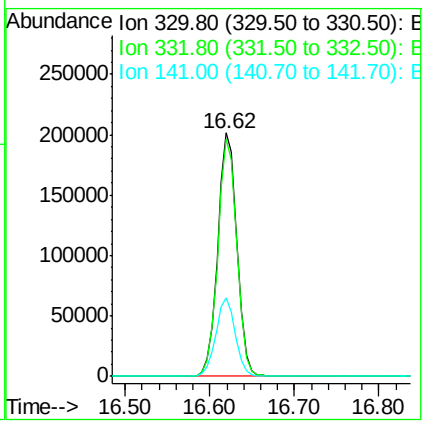


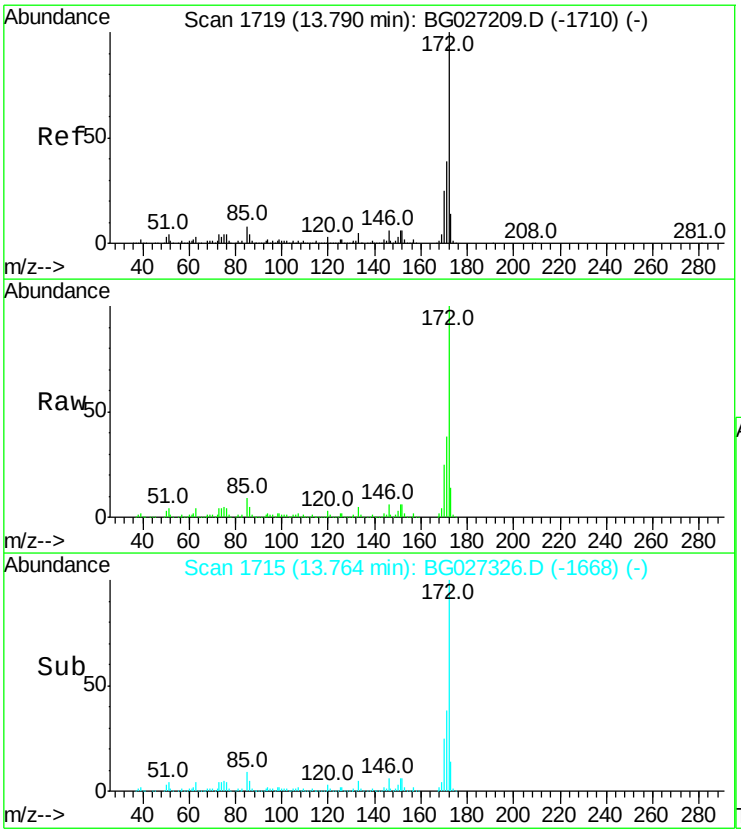
#41
2,4,6-Tribromophenol
Concen: 160.14 ng
RT: 16.62 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 318346

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.3	32.1	48.1

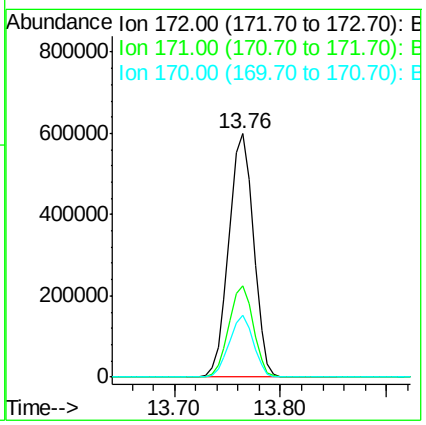


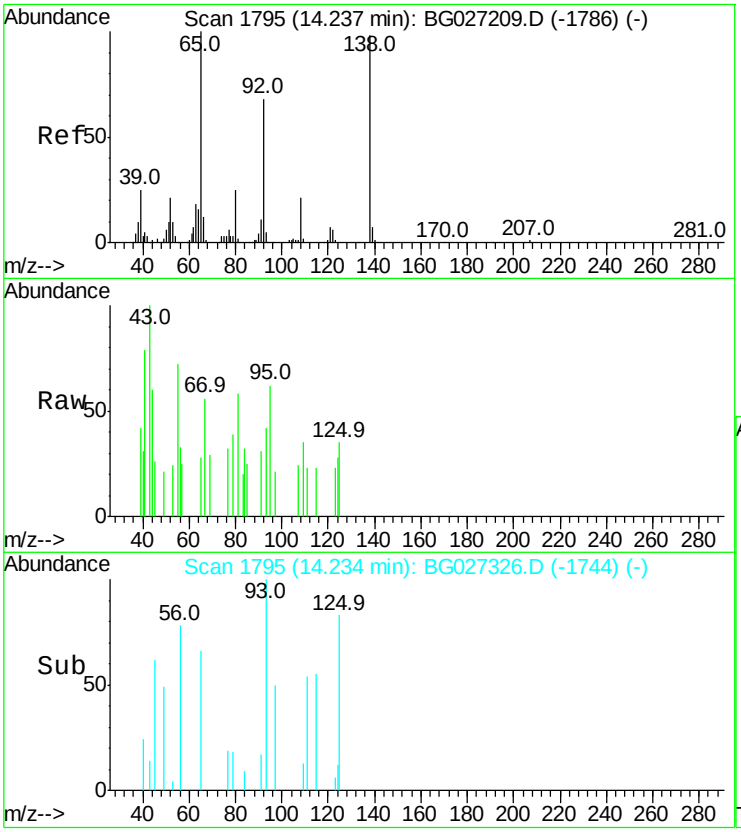


#44
2-Fluorobiphenyl
Concen: 89.51 ng
RT: 13.76 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:172 Resp: 965880

Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	25.3	21.8	32.6



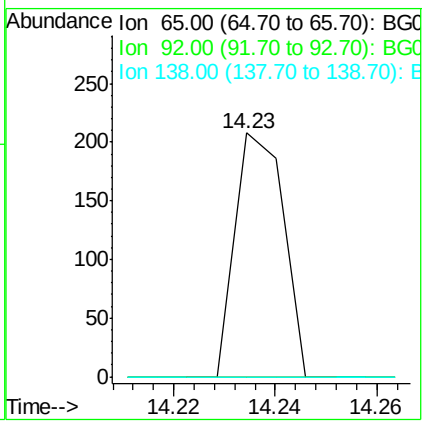


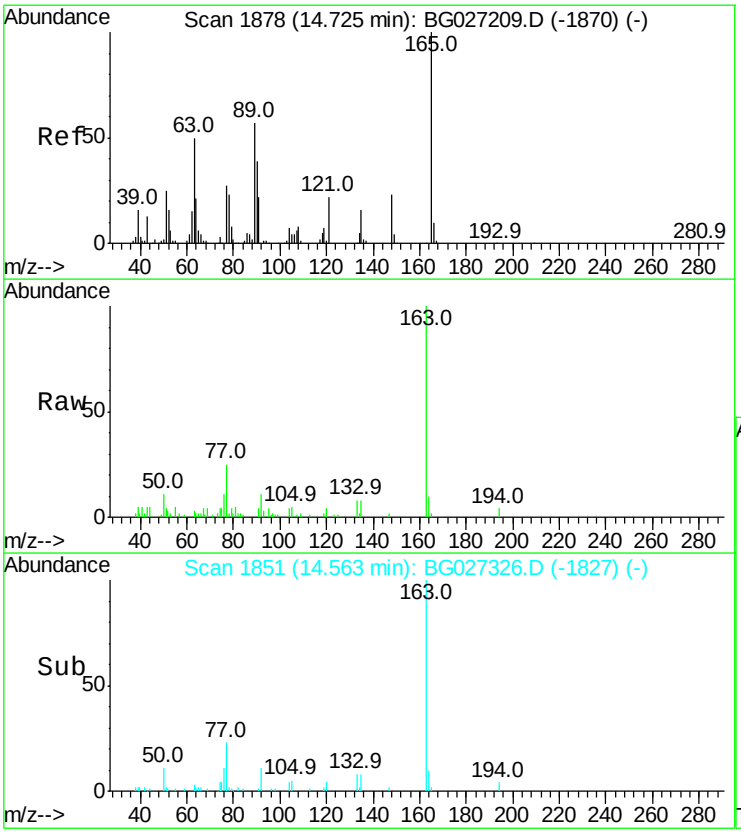
#47
2-Nitroaniline
Concen: 6.88 ng
RT: 14.23 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 139

Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.0	73.4#
138	0.0	58.6	87.8#

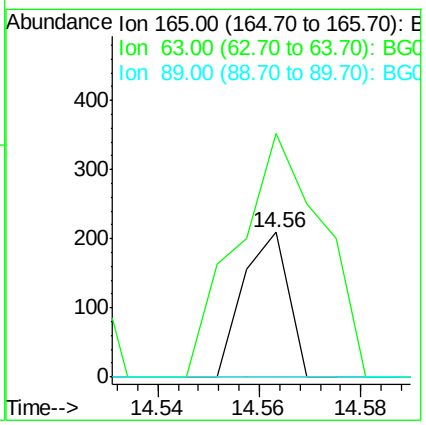


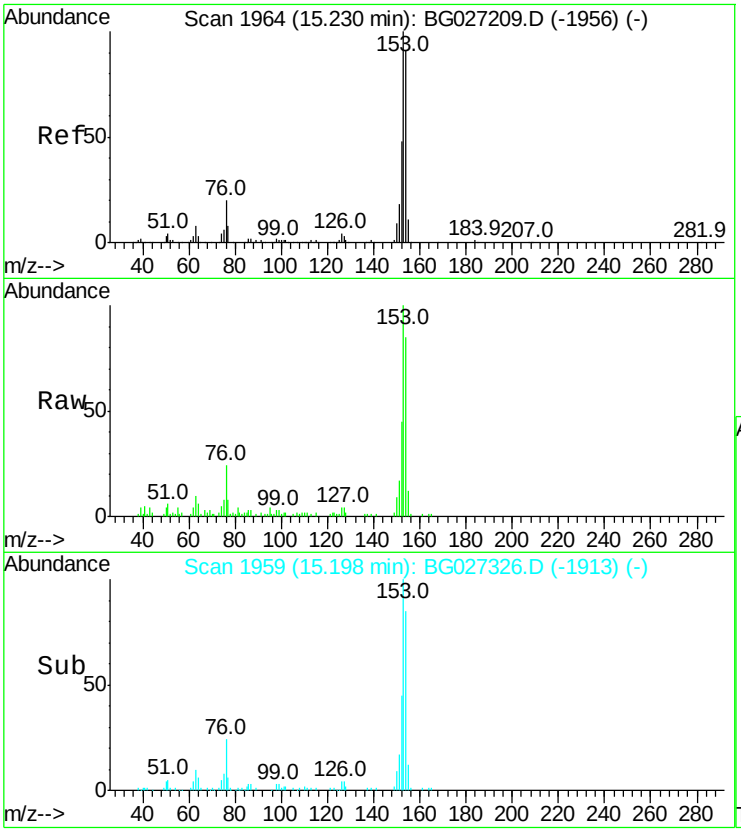


#50
2,6-Dinitrotoluene
Concen: 5.66 ng
RT: 14.56 min Scan# 1851
Delta R.T. -0.16 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:165 Resp: 128

Ion	Ratio	Lower	Upper
165	100		
63	168.4	63.9	95.9#
89	0.0	58.6	88.0#



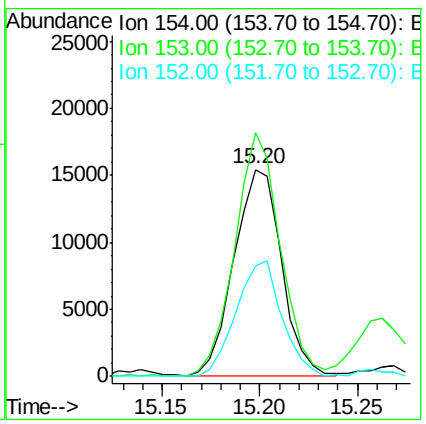


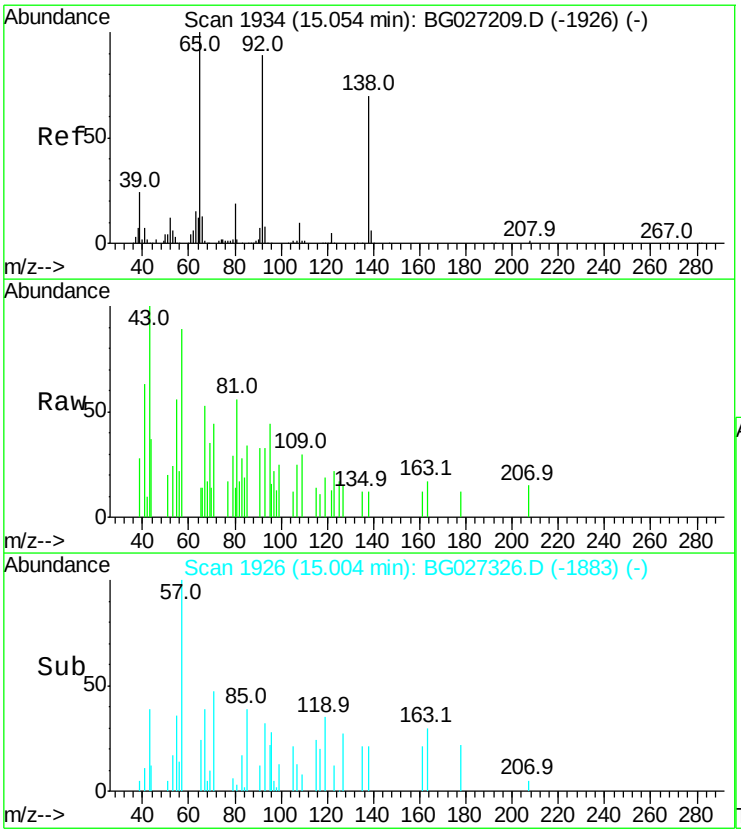
#51
Acenaphthene
Concen: 2.57 ng
RT: 15.20 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 26089

Ion	Ratio	Lower	Upper
154	100		
153	117.9	87.8	131.6
152	53.6	42.2	63.4

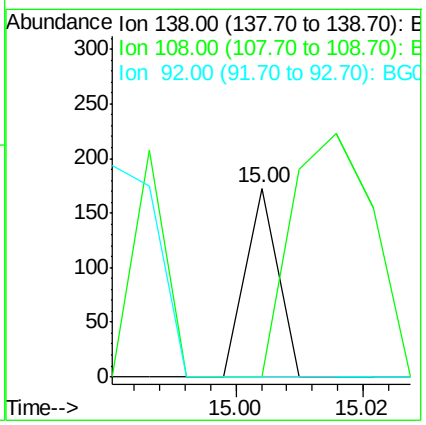


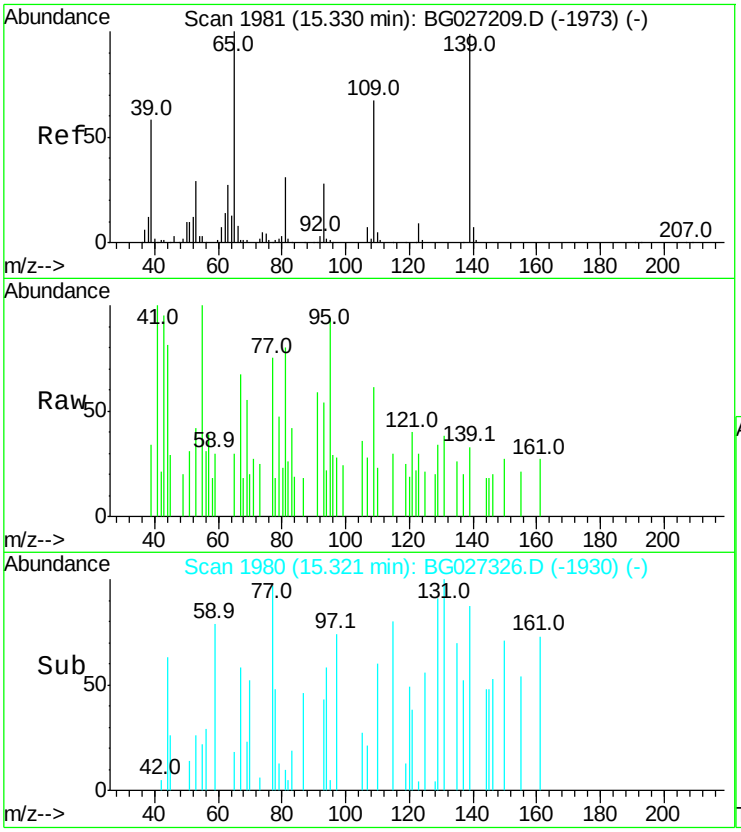


#52
3-Nitroaniline
Concen: 5.74 ng
RT: 15.00 min Scan# 1926
Delta R.T. -0.05 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:138 Resp: 61

Ion	Ratio	Lower	Upper
138	100		
108	0.0	10.9	16.3#
92	0.0	115.3	172.9#



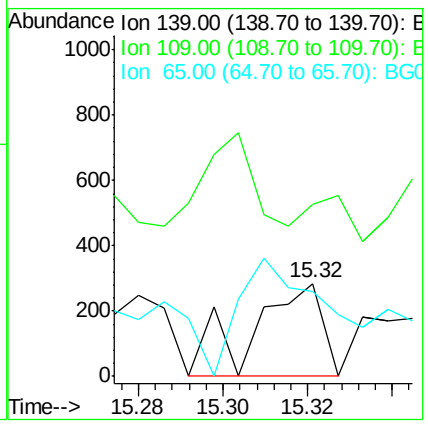


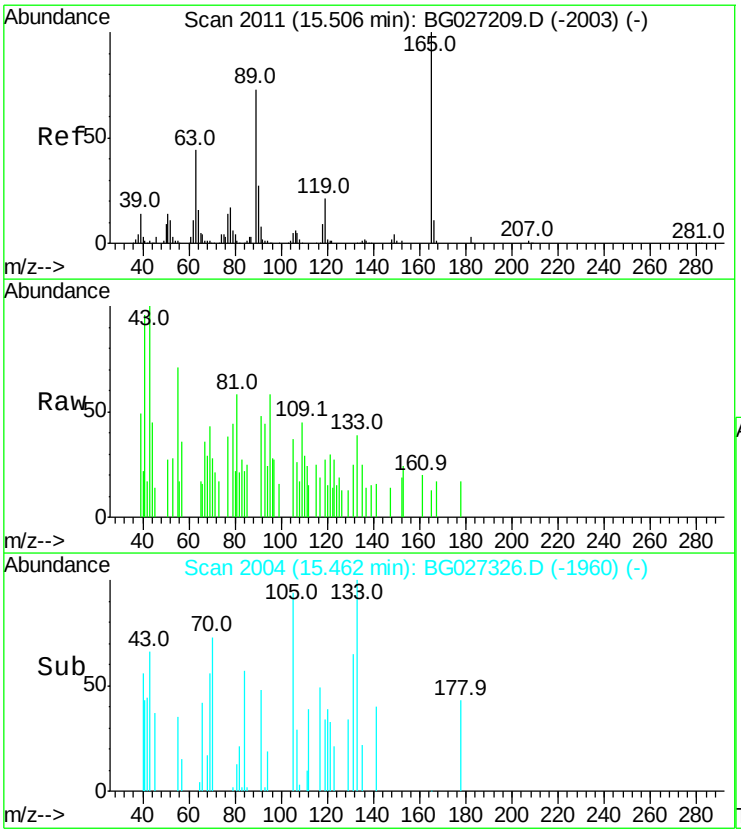
#55
4-Nitrophenol
Concen: 6.26 ng
RT: 15.32 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 331

Ion	Ratio	Lower	Upper
139	100		
109	185.3	101.2	141.2#
65	91.2	135.3	175.3#

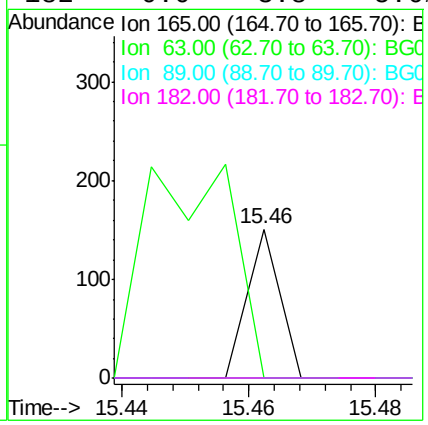


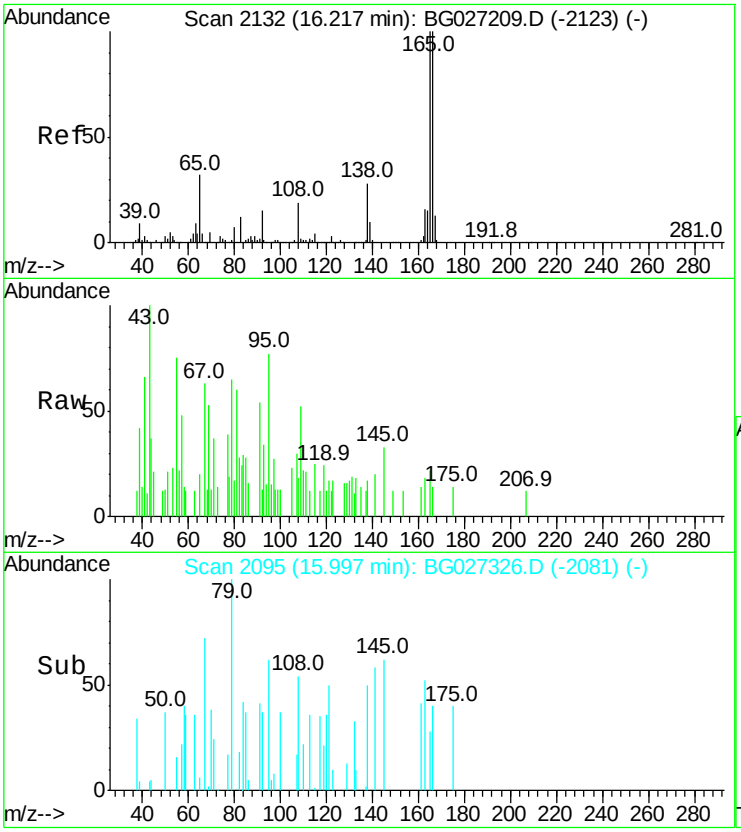


#56
2,4-Dinitrotoluene
Concen: 7.00 ng
RT: 15.46 min Scan# 2004
Delta R.T. -0.04 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:165 Resp: 53

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.0	66.0#
89	0.0	67.3	100.9#
182	0.0	3.8	5.6#



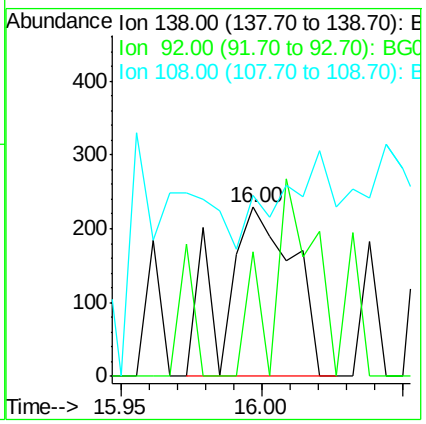


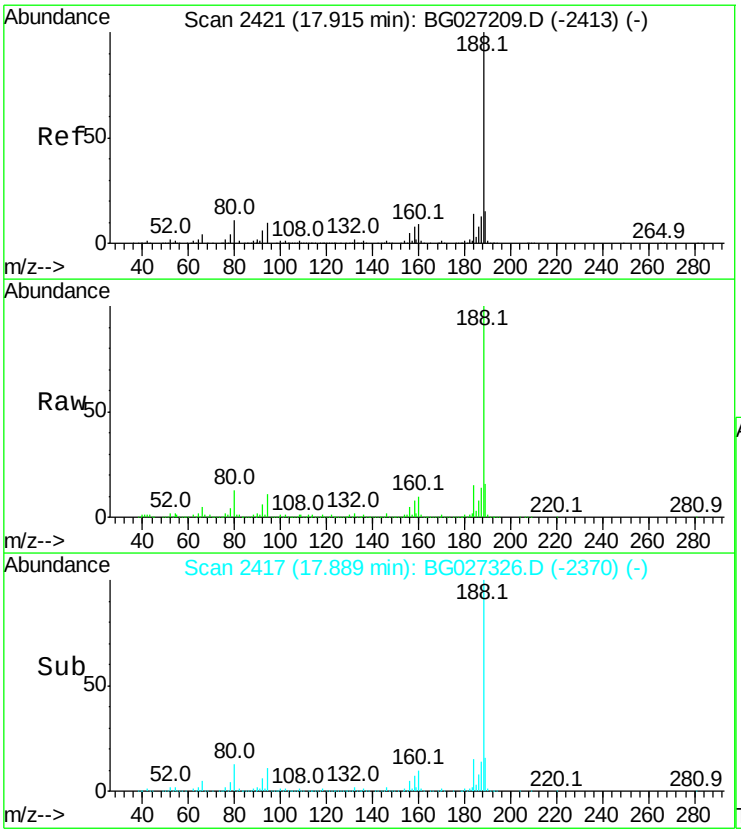
#61
4-Nitroaniline
Concen: 6.03 ng
RT: 16.00 min Scan# 2095
Delta R.T. -0.22 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 392

Ion	Ratio	Lower	Upper
138	100		
92	73.8	44.2	84.2
108	107.0	104.8	144.8

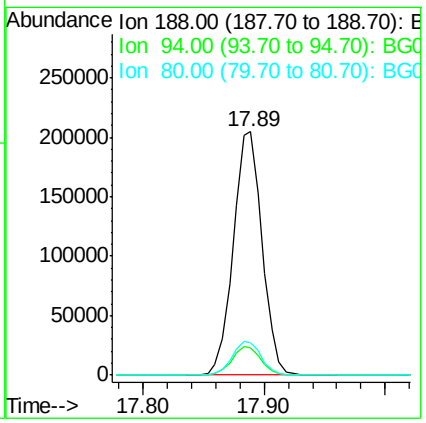


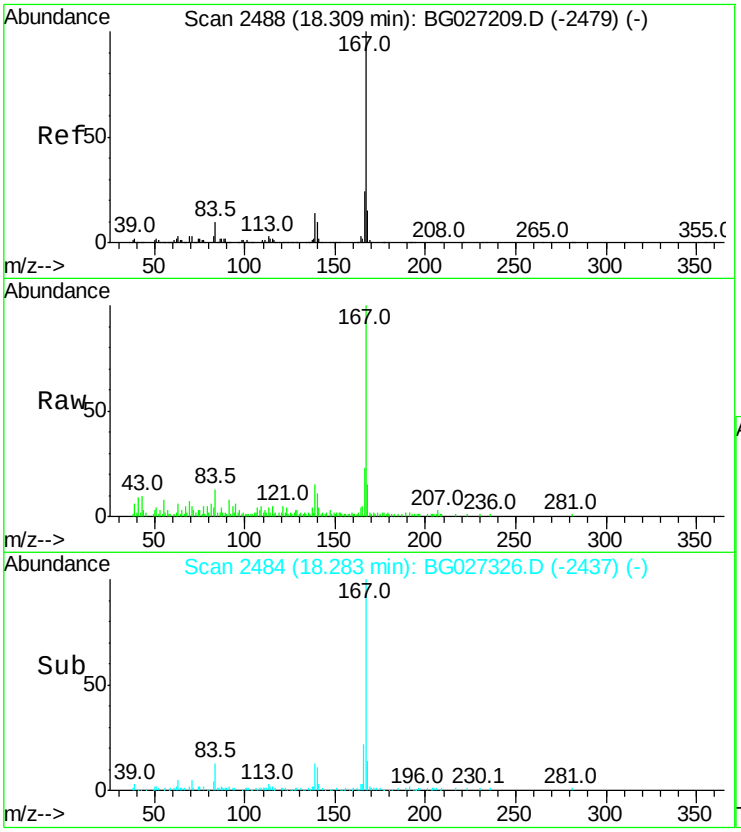


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:188 Resp: 339370

Ion	Ratio	Lower	Upper
188	100		
94	11.0	5.8	8.8#
80	13.3	7.5	11.3#



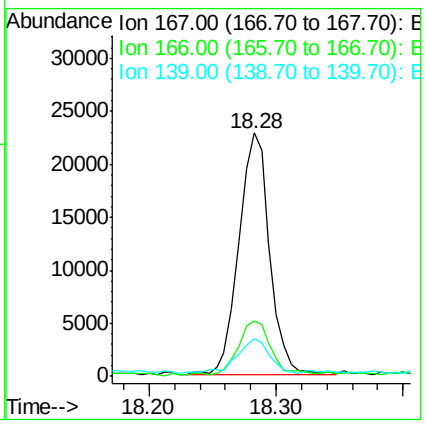


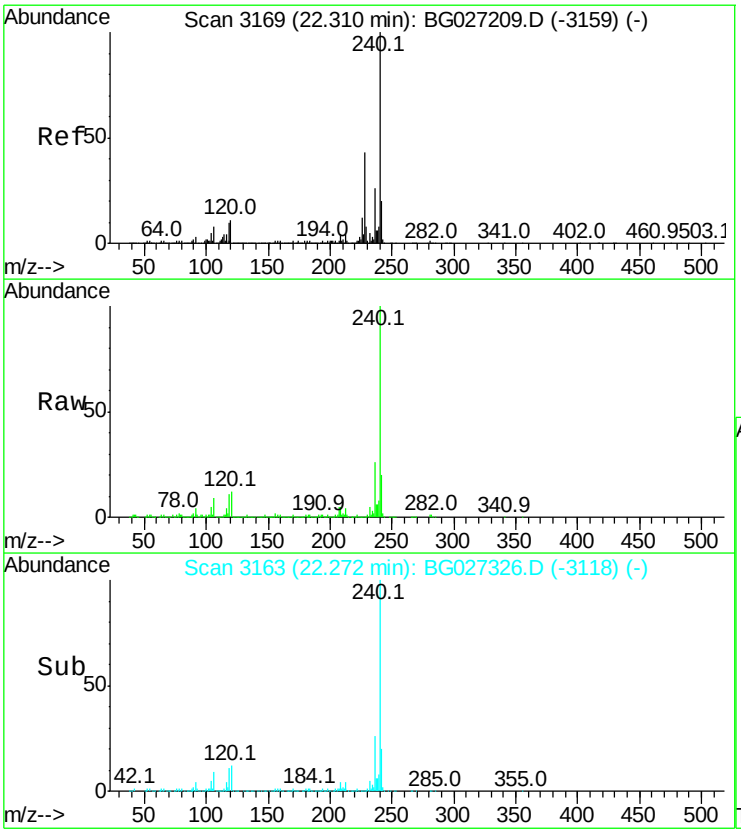
#72
Carbazole
Concen: 2.12 ng
RT: 18.28 min Scan# 2484
Delta R.T. -0.03 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 38173

Ion	Ratio	Lower	Upper
167	100		
166	22.8	20.2	30.2
139	15.5	12.8	19.2

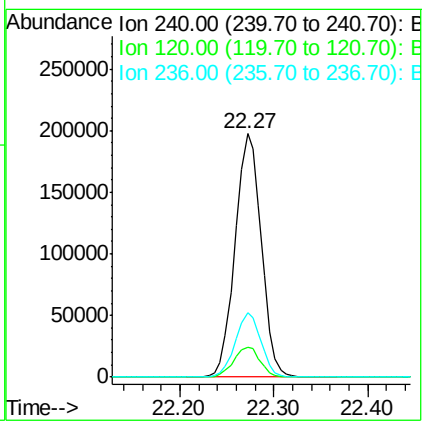


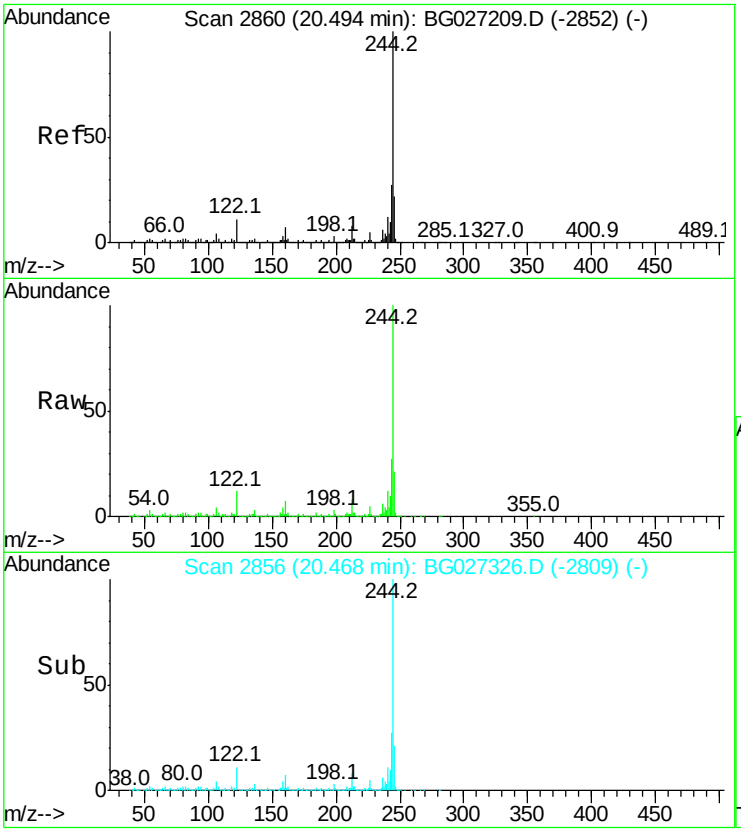


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:240 Resp: 380351

Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.7	8.5#
236	26.2	22.2	33.4



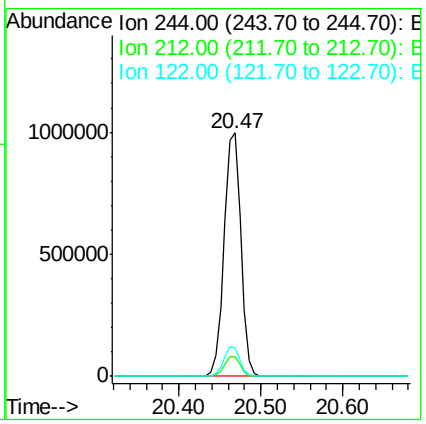


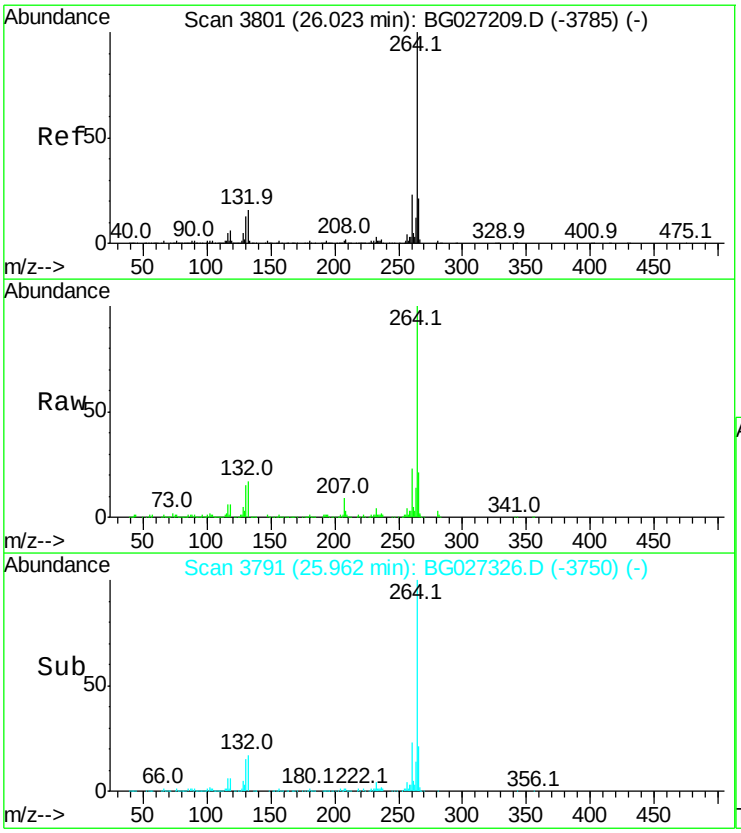
#78
Terphenyl-d14
Concen: 94.88 ng
RT: 20.47 min Scan# 2856
Delta R.T. -0.03 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1414672

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	11.5	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.96 min Scan# 3791
Delta R.T. -0.06 min
Lab File: BG027326.D
Acq: 8 Jun 2017 20:57

Tgt Ion:264 Resp: 357571

Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.1	18.2	27.4