Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062217\
Data File : BG027618.D
Acq On : 23 Jun 2017 5:58
Operator : SJ/JU
Sample : I3840-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 23 07:05:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	21061	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	103265	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	60146	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	176002	20.00	ng		0.00
75) Chrysene-d12	22.20	240	199399	20.00	ng		-0.01
86) Perylene-d12	25.84	264	190373	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	189907	128.33	ng		0.00
7) Phenol-d6	7.64	99	245079	111.87	ng		0.00
23) Nitrobenzene-d5	9.67	82	177897	81.52	ng		0.00
41) 2,4,6-Tribromophenol	16.57	330	159810	178.22	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	396171	89.98	ng		0.00
78) Terphenyl-d14	20.42	244	867897	102.55	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.91	93	86492	32.35	ng	#	57
11) bis(2-Chloroethyl)ether	7.91	93	86492	49.52	ng		89
12) 1,3-Dichlorobenzene	8.54	146	5095	3.08	ng		92
13) 1,4-Dichlorobenzene	8.54	146	5095	3.05	ng		95
14) 1,2-Dichlorobenzene	8.86	146	22368	13.64	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.01	45	51093	17.63	ng		94
17) 2-Methylphenol	8.92	107	4799	3.06	ng	#	87
20) 3+4-Methylphenols	9.25	107	5500	2.56	ng		94
27) 2,4-Dimethylphenol	10.49	122	19975	11.95	ng	#	88
31) Naphthalene	11.37	128	205891	36.89	ng		98
32) Benzoic acid	10.49	122	19975	21.90	ng	#	13
33) 4-Chloroaniline	11.37	127	29231	12.35	ng	#	34
37) 2-Methylnaphthalene	12.94	142	109466	26.99	ng		100
53) 2,4-Dinitrophenol	15.37	184	3570	5.53	ng	#	28

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

Quantitation Report (Not Reviewed)

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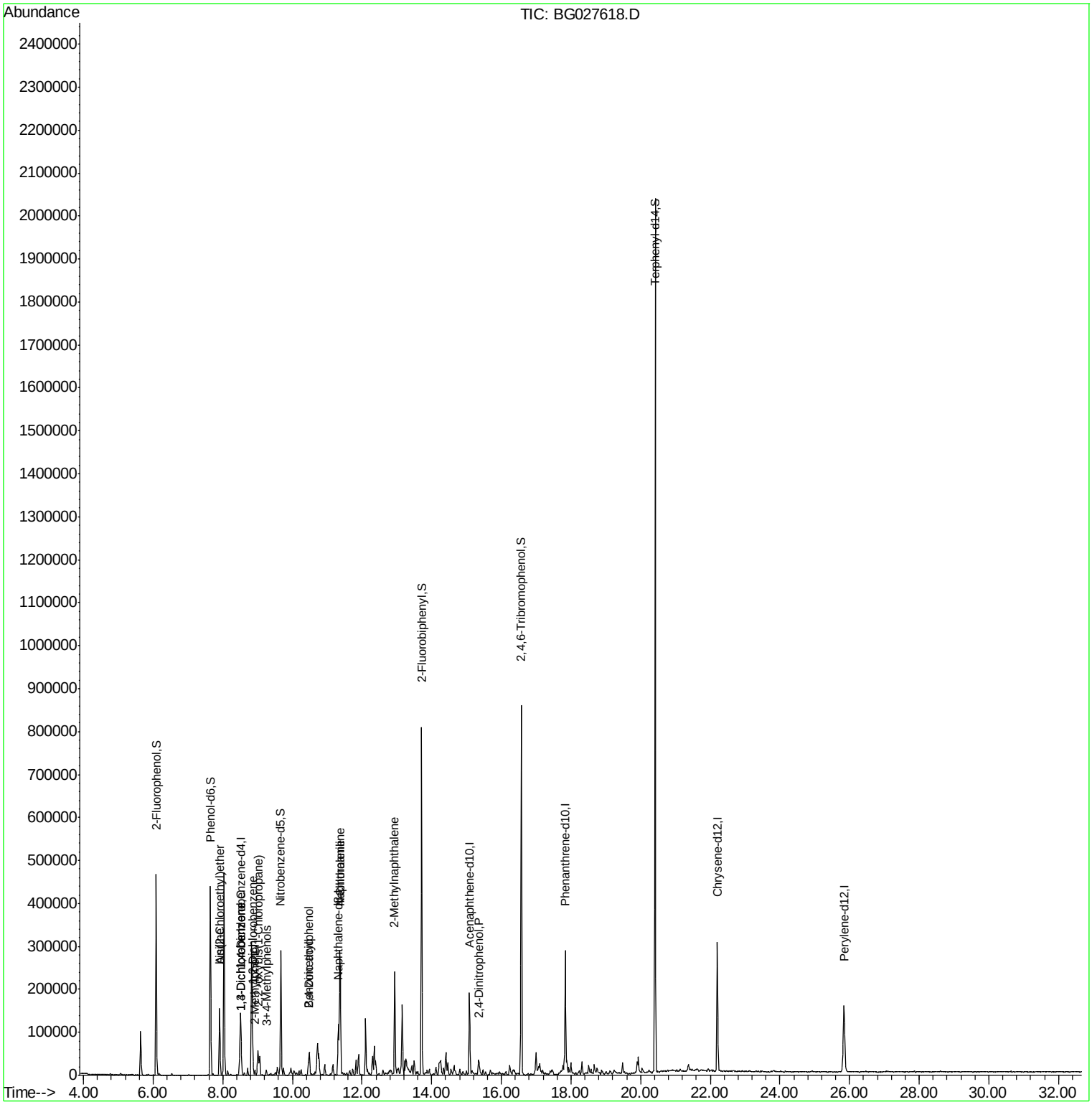
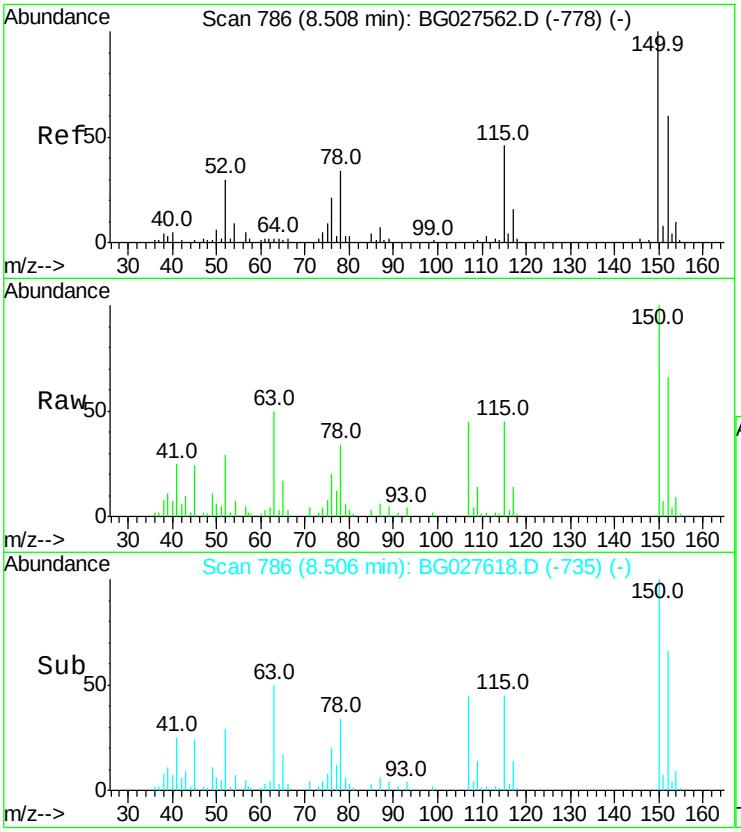


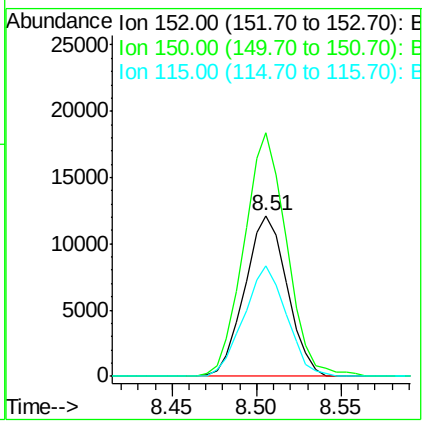


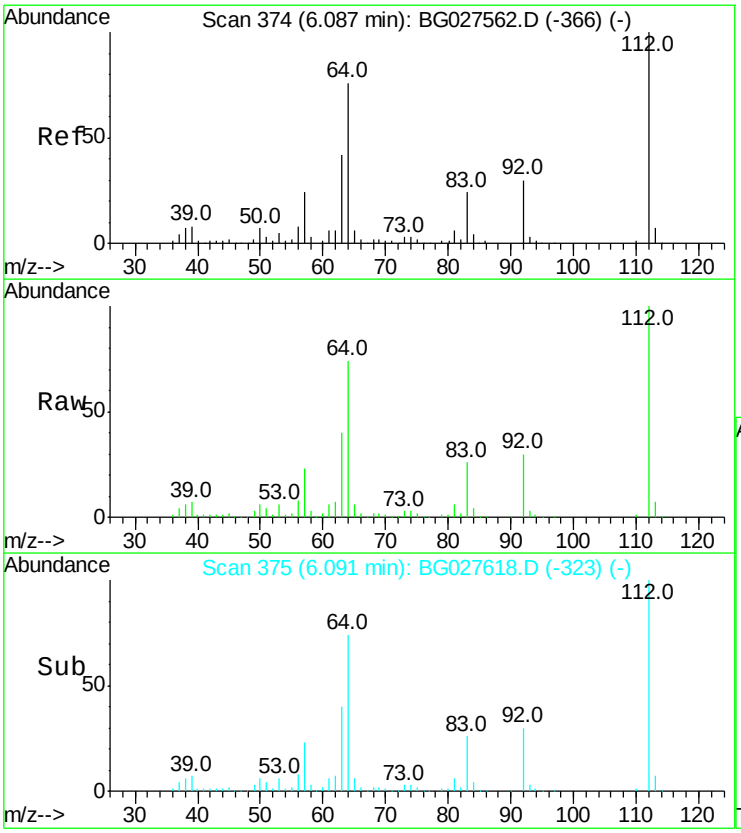
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 21061

Ion	Ratio	Lower	Upper
152	100		
150	151.7	114.0	171.0
115	68.5	48.1	72.1

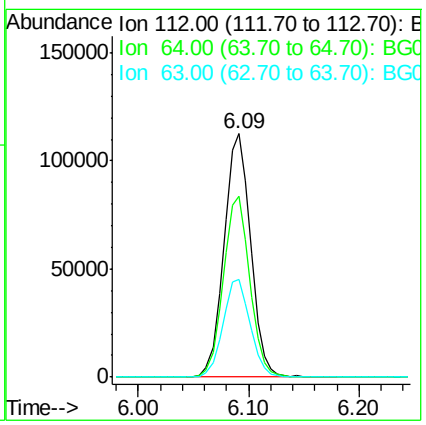


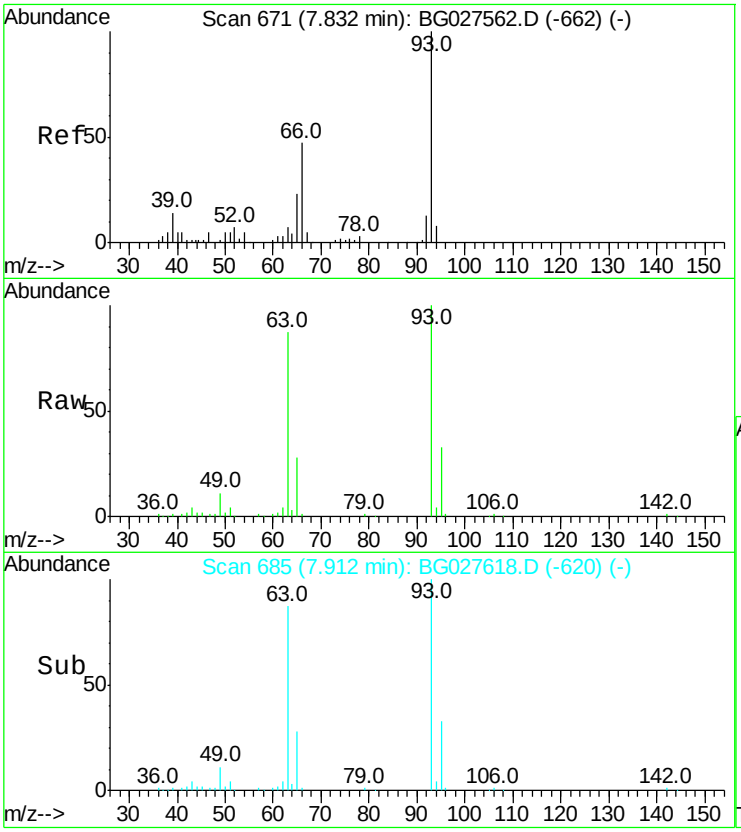


#5
2-Fluorophenol
Concen: 128.33 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion:112 Resp: 189907

Ion	Ratio	Lower	Upper
112	100		
64	74.3	61.8	92.6
63	40.3	37.2	55.8



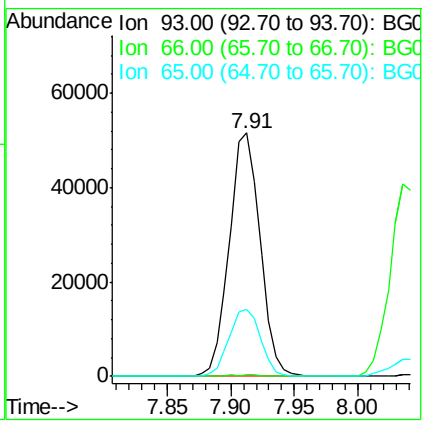


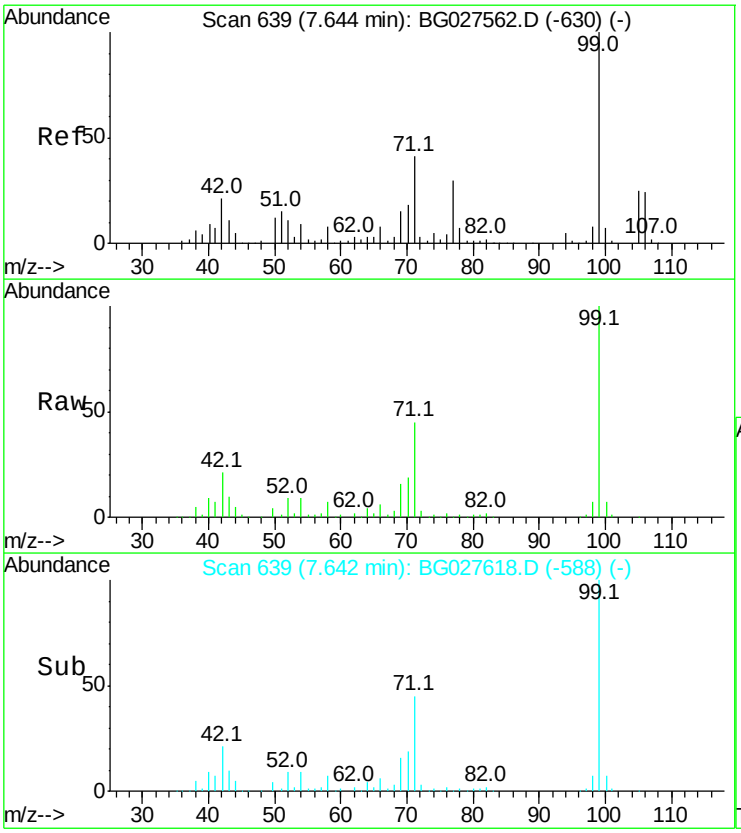
#6
Aniline
Concen: 32.35 ng
RT: 7.91 min Scan# 685
Delta R.T. 0.08 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 86492

Ion	Ratio	Lower	Upper
93	100		
66	0.6	35.4	53.2#
65	27.7	21.2	31.8

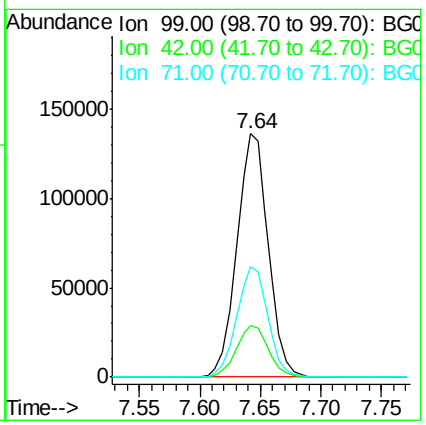


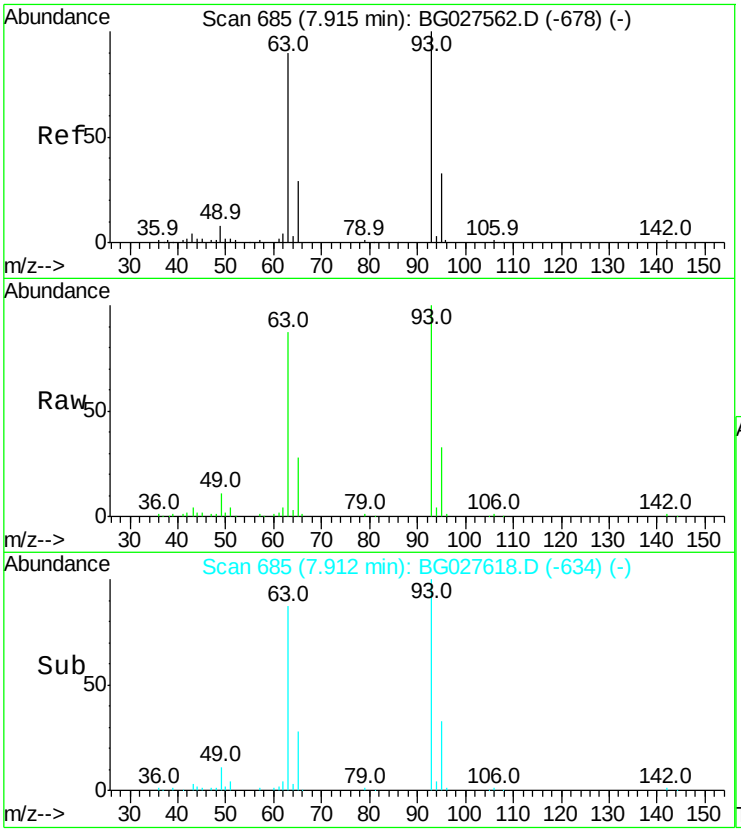


#7
Phenol-d6
Concen: 111.87 ng
RT: 7.64 min Scan# 639
Delta R.T. -0.00 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion: 99 Resp: 245079

Ion	Ratio	Lower	Upper
99	100		
42	21.4	20.5	30.7
71	45.1	37.6	56.4



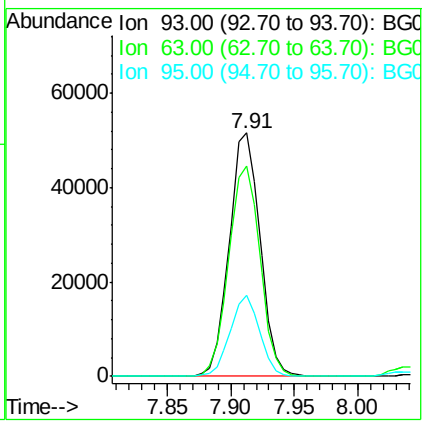


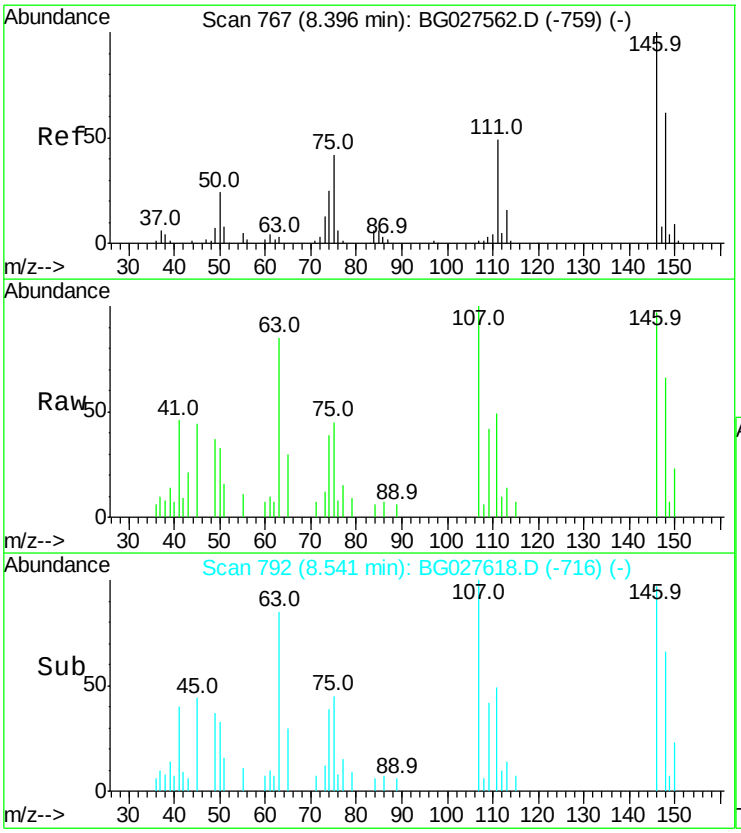
#11
bis(2-Chloroethyl)ether
Concen: 49.52 ng
RT: 7.91 min Scan# 685
Delta R.T. -0.00 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 86492

Ion	Ratio	Lower	Upper
93	100		
63	86.6	78.5	118.5
95	33.5	9.8	49.8

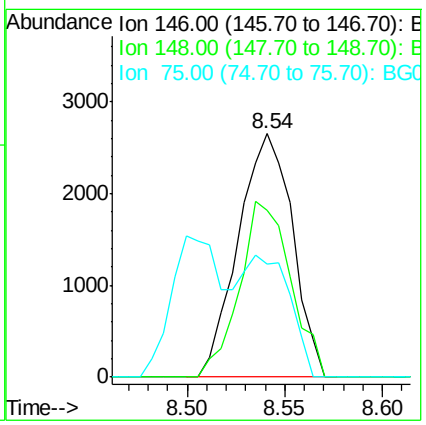


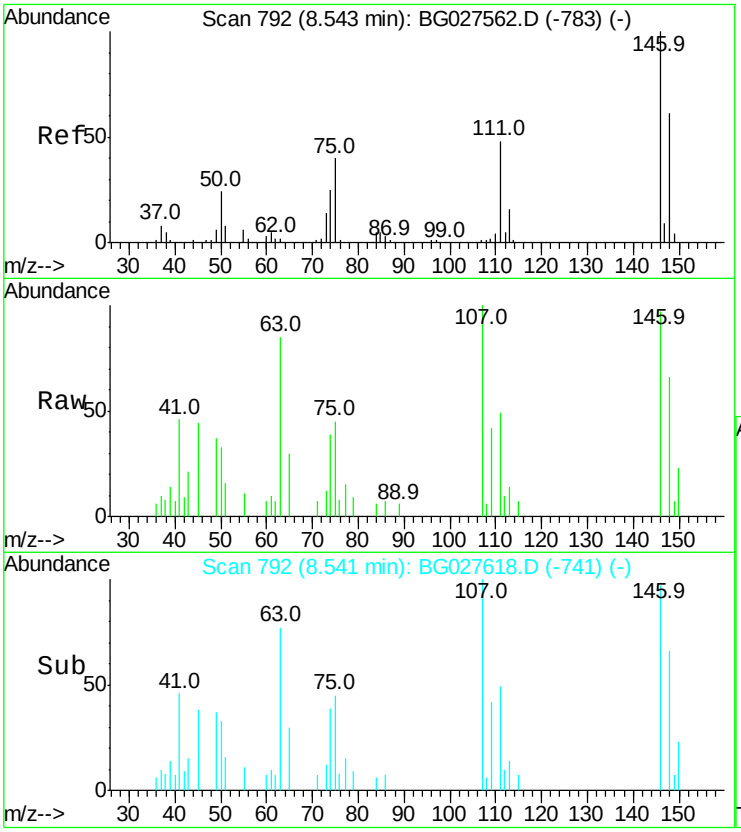


#12
1,3-Dichlorobenzene
Concen: 3.08 ng
RT: 8.54 min Scan# 792
Delta R.T. 0.14 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion:146 Resp: 5095

Ion	Ratio	Lower	Upper
146	100		
148	68.4	49.2	73.8
75	46.2	33.4	50.2



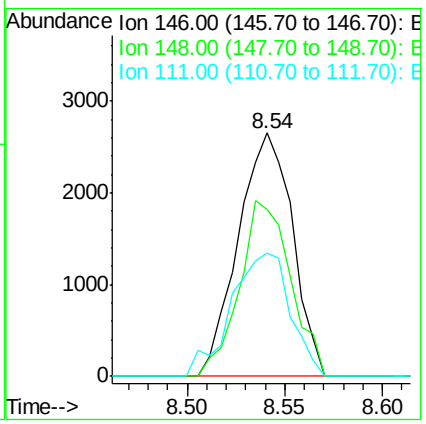


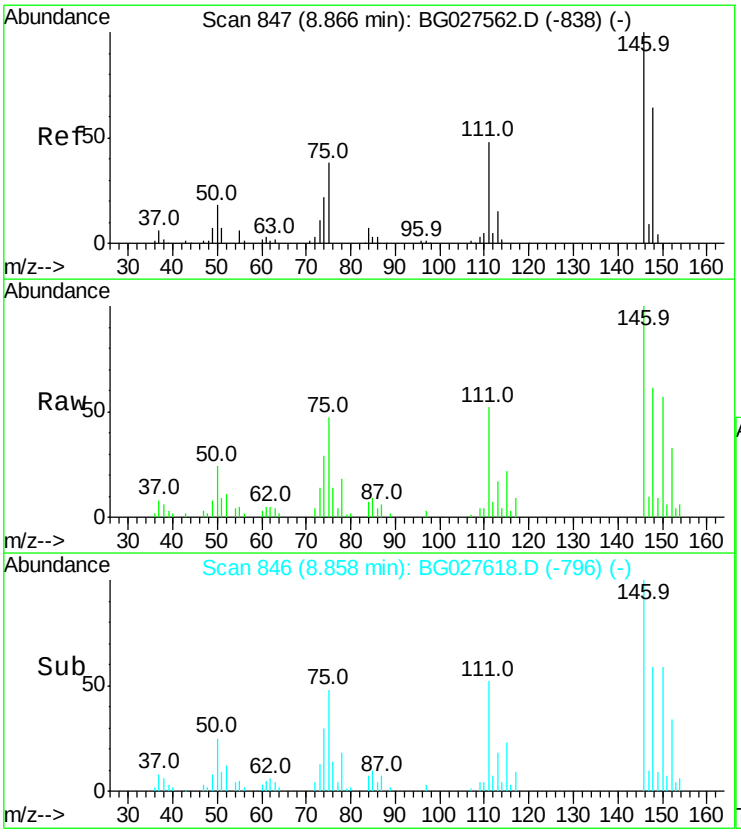
#13
1,4-Dichlorobenzene
Concen: 3.05 ng
RT: 8.54 min Scan# 792
Delta R.T. -0.00 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 5095

Ion	Ratio	Lower	Upper
146	100		
148	68.4	52.2	78.2
111	50.5	37.0	55.6

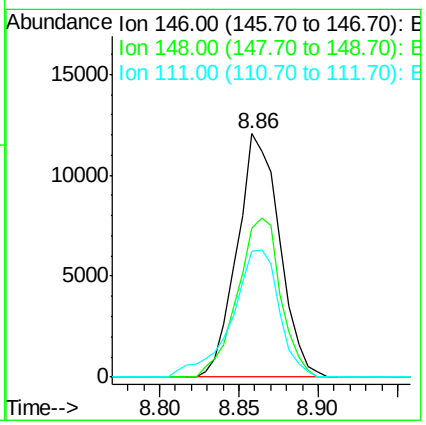


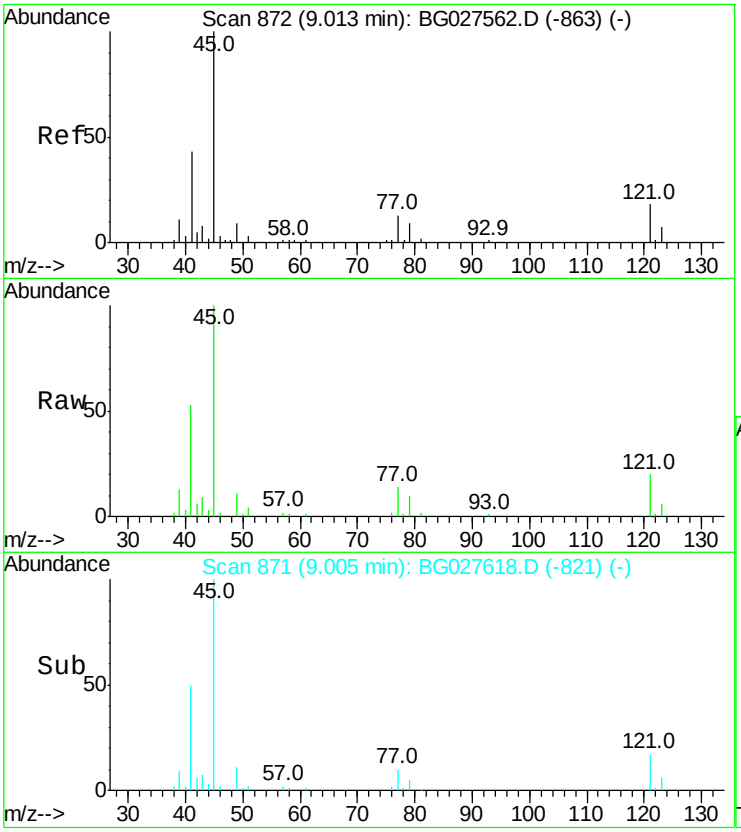


#14
1,2-Dichlorobenzene
Concen: 13.64 ng
RT: 8.86 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion:146 Resp: 22368

Ion	Ratio	Lower	Upper
146	100		
148	61.3	54.6	81.8
111	51.9	39.7	59.5



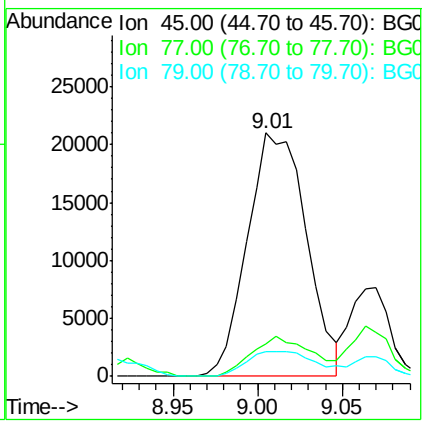


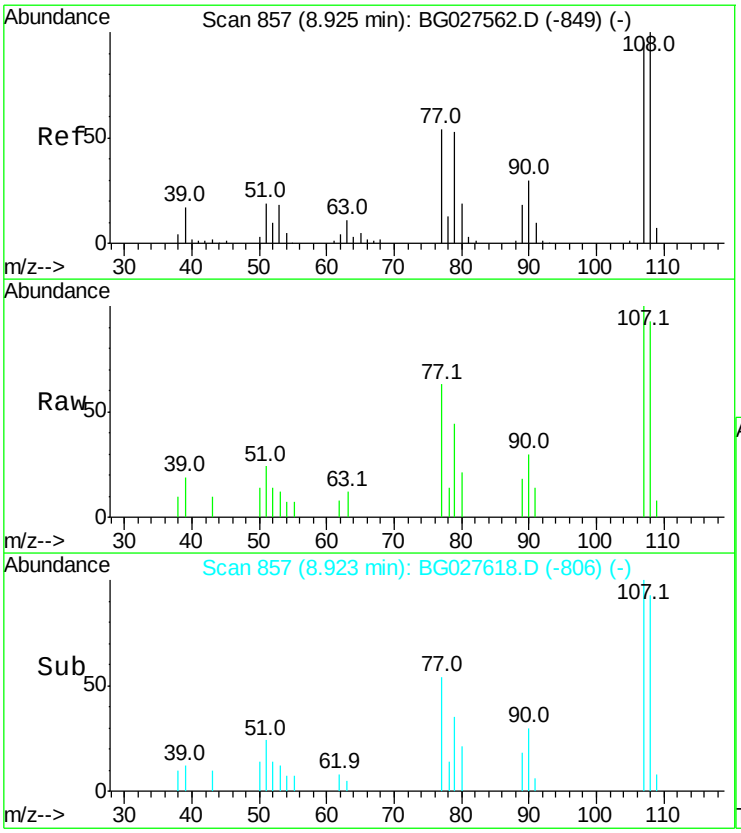
#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.63 ng
RT: 9.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 45 Resp: 51093

Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	30.6
79	10.2	0.0	28.5

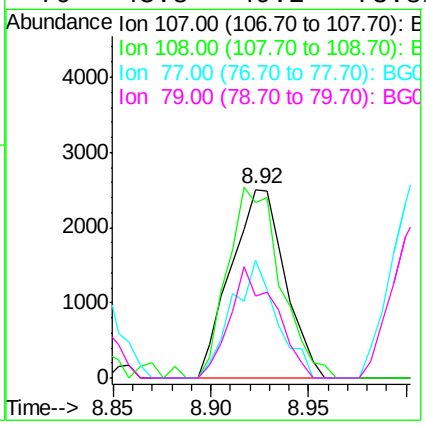


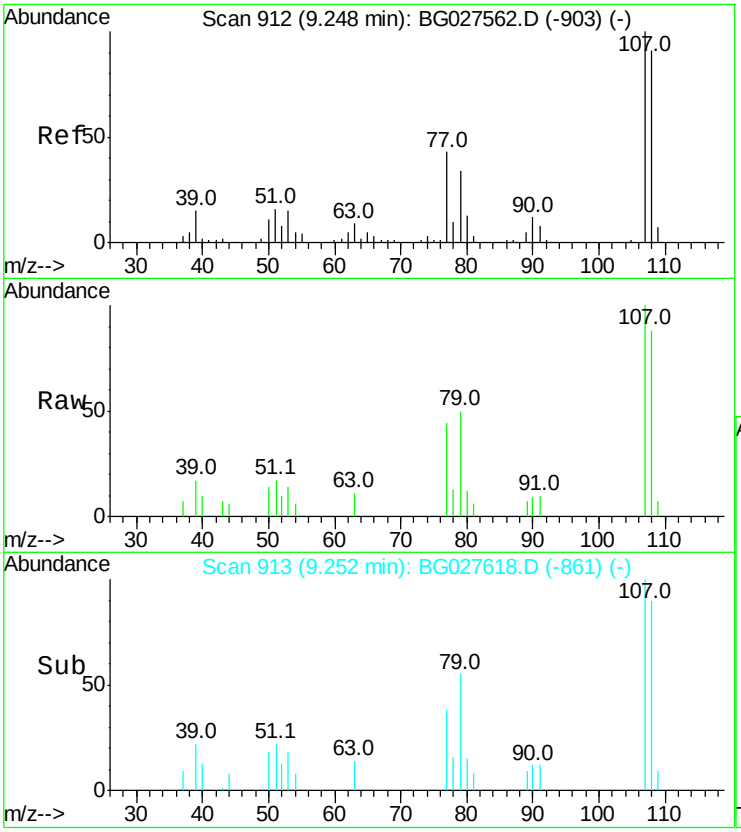


#17
2-Methylphenol
Concen: 3.06 ng
RT: 8.92 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion:107 Resp: 4799

Ion	Ratio	Lower	Upper
107	100		
108	93.1	85.6	128.4
77	62.8	51.4	77.2
79	43.8	49.2	73.8#



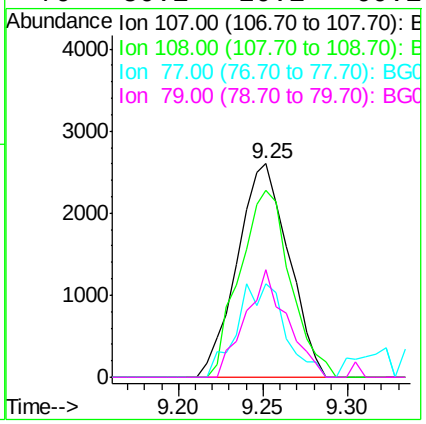


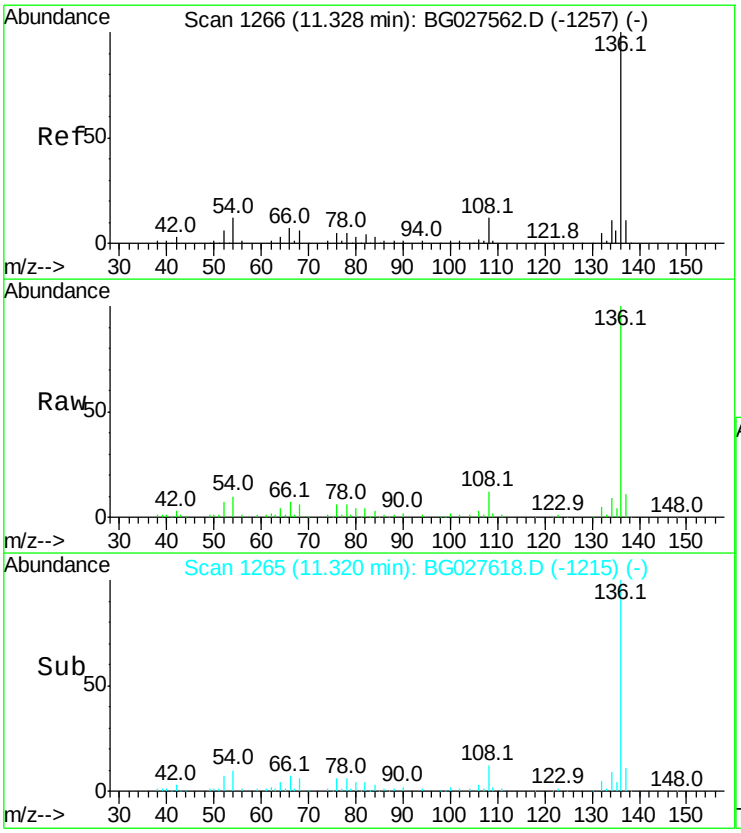
#20
3+4-Methylphenols
Concen: 2.56 ng
RT: 9.25 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 5500

Ion	Ratio	Lower	Upper
107	100		
108	87.7	70.8	110.8
77	43.9	25.8	65.8
79	50.1	20.1	60.1

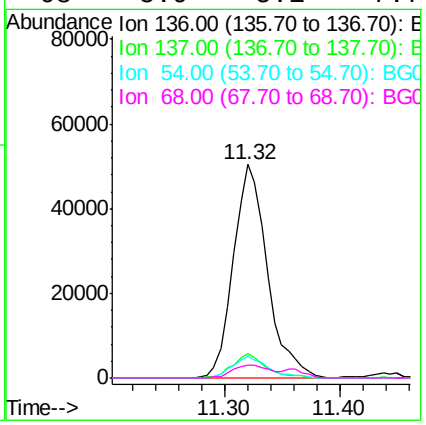


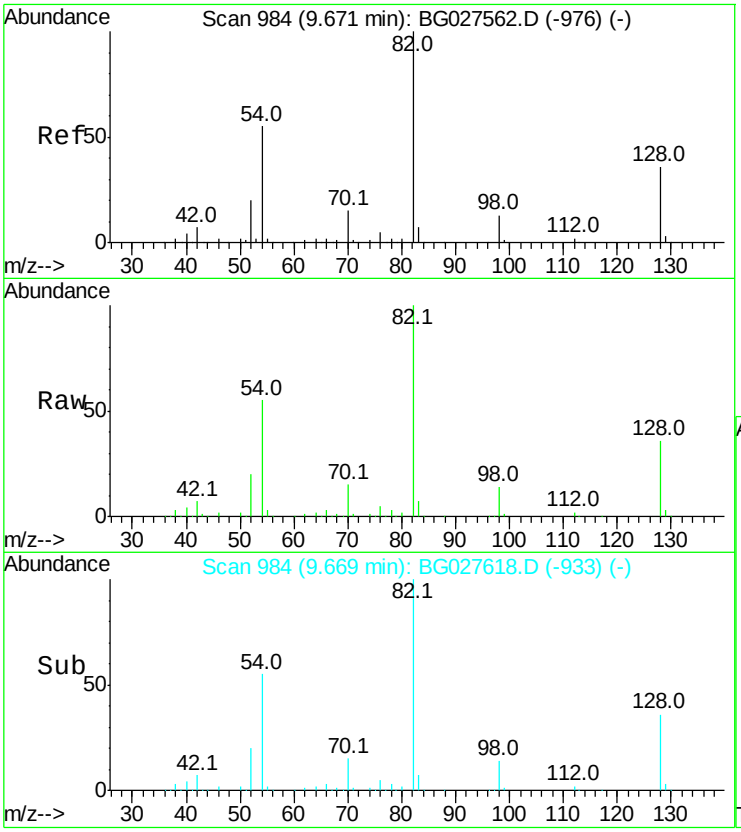


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion:136 Resp: 103265

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	9.3	13.9
68	5.9	5.1	7.7



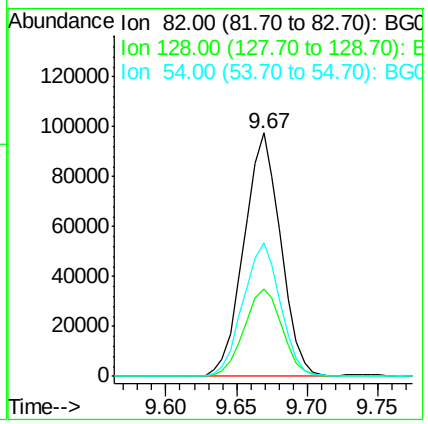


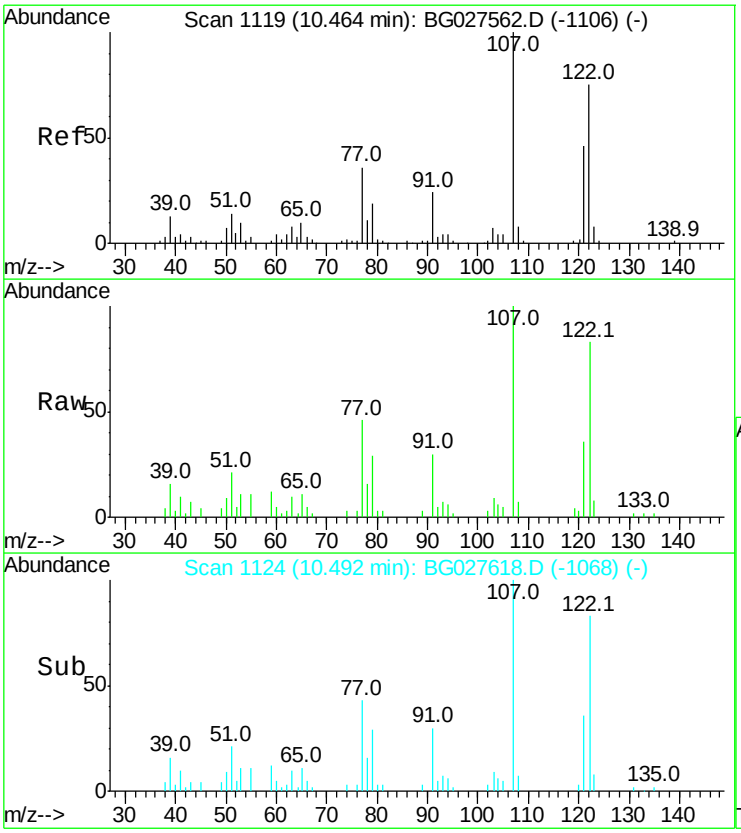
#23
Nitrobenzene-d5
Concen: 81.52 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 177897

Ion	Ratio	Lower	Upper
82	100		
128	36.1	26.4	39.6
54	55.0	49.4	74.2

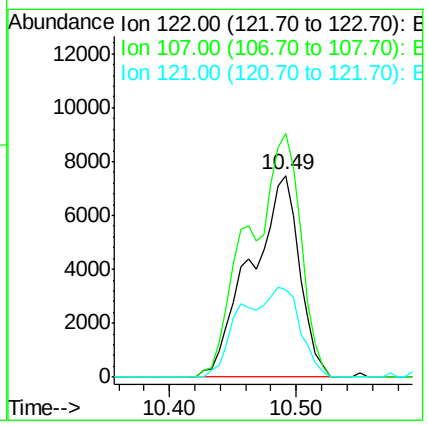


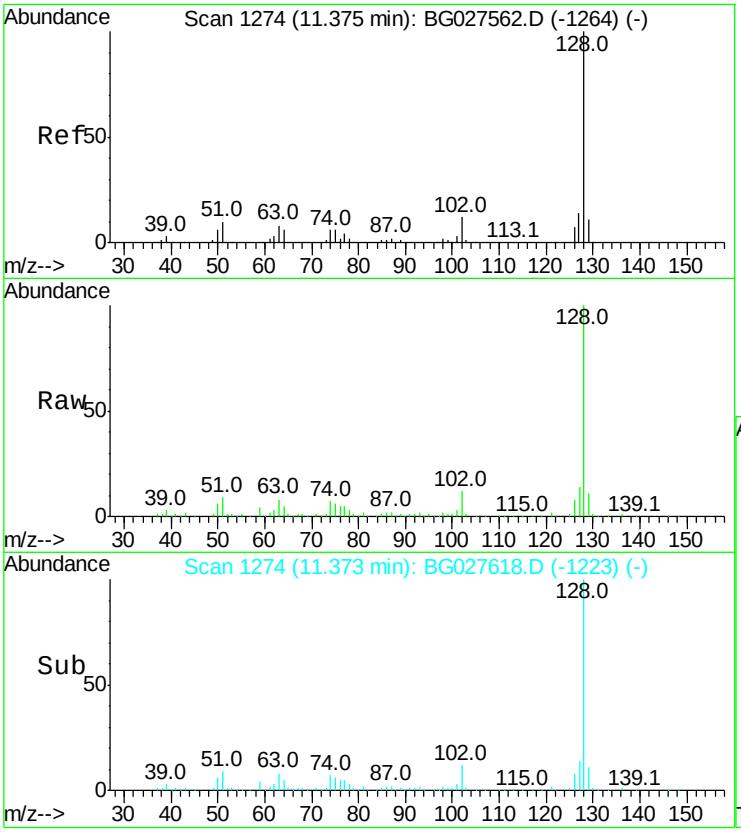


#27
2,4-Dimethylphenol
Concen: 11.95 ng
RT: 10.49 min Scan# 1124
Delta R.T. 0.03 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion:122 Resp: 19975

Ion	Ratio	Lower	Upper
122	100		
107	120.7	104.2	156.4
121	43.4	46.0	69.0#



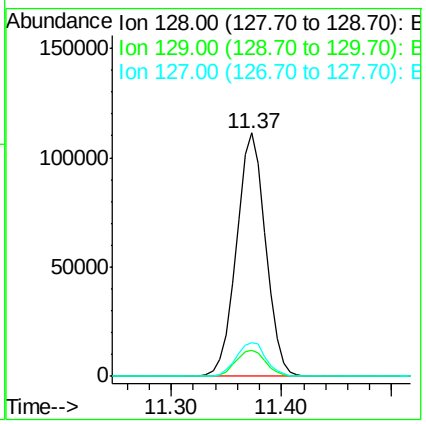


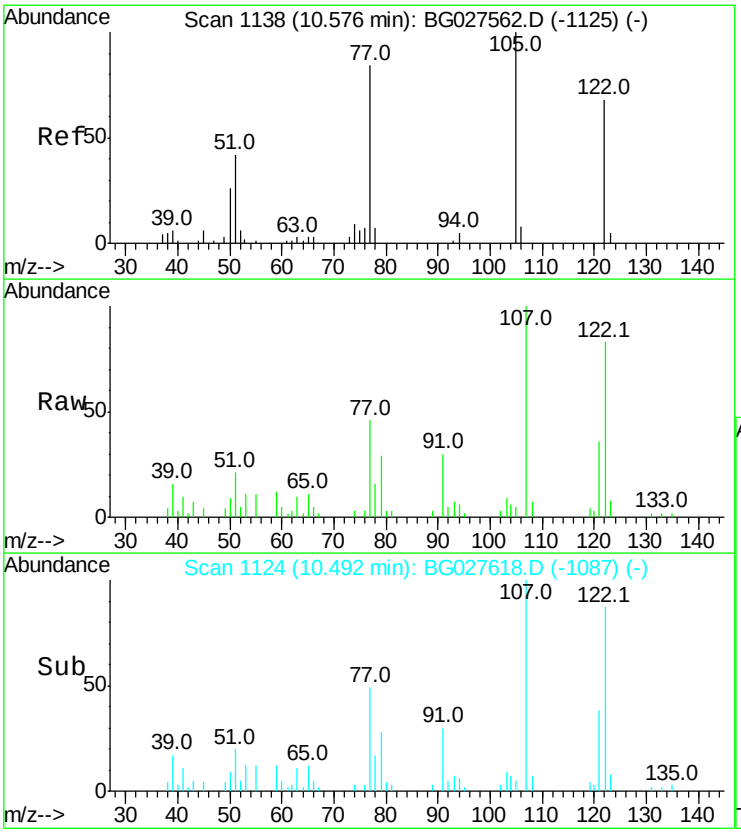
#31
Naphthalene
Concen: 36.89 ng
RT: 11.37 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 205891

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.3	13.9
127	13.6	11.4	17.0

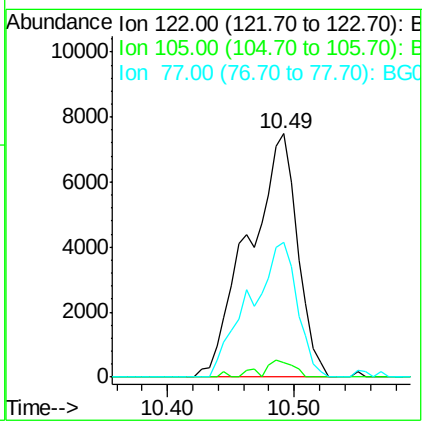


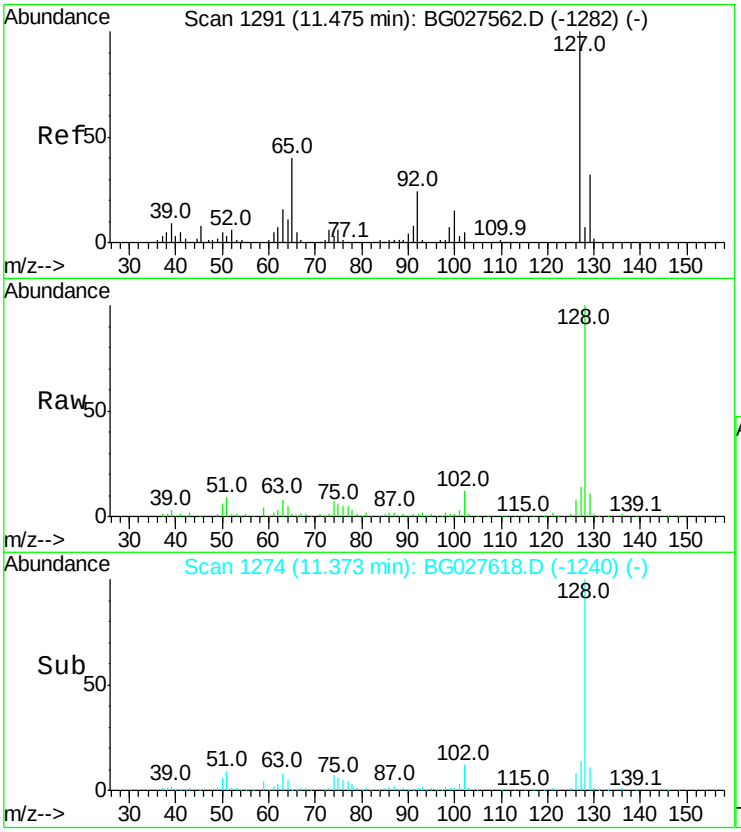


#32
Benzoic acid
Concen: 21.90 ng
RT: 10.49 min Scan# 1124
Delta R.T. -0.08 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion:122 Resp: 19975

Ion	Ratio	Lower	Upper
122	100		
105	5.7	120.1	160.1#
77	55.1	104.6	144.6#



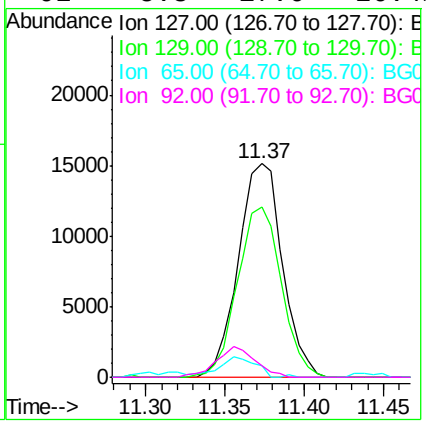


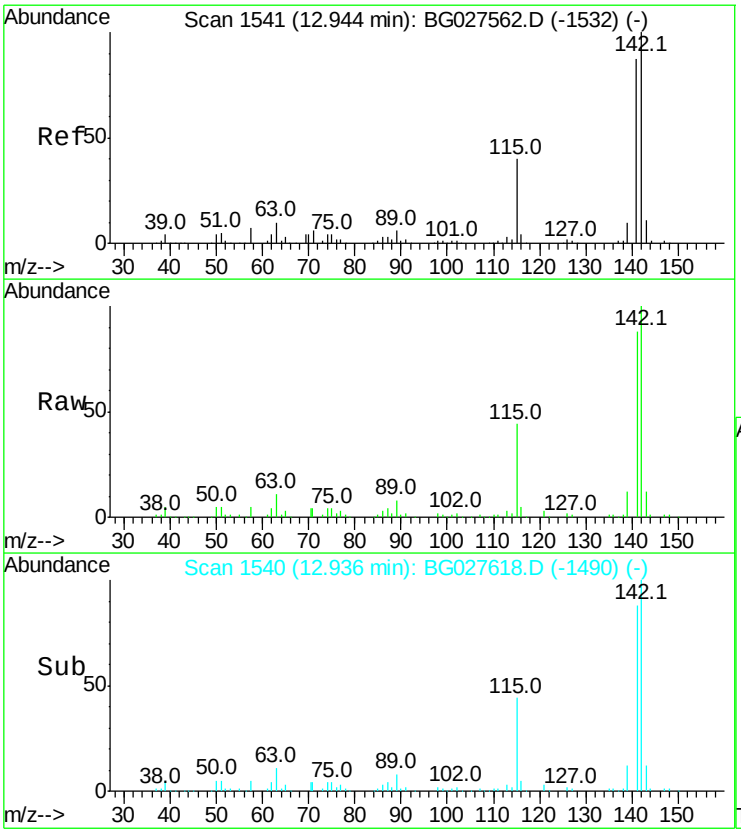
#33
4-Chloroaniline
Concen: 12.35 ng
RT: 11.37 min Scan# 1274
Delta R.T. -0.10 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 29231

Ion	Ratio	Lower	Upper
127	100		
129	79.7	23.6	35.4#
65	5.3	37.7	56.5#
92	5.3	17.6	26.4#

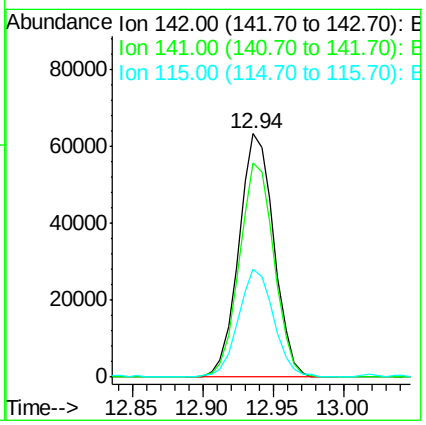


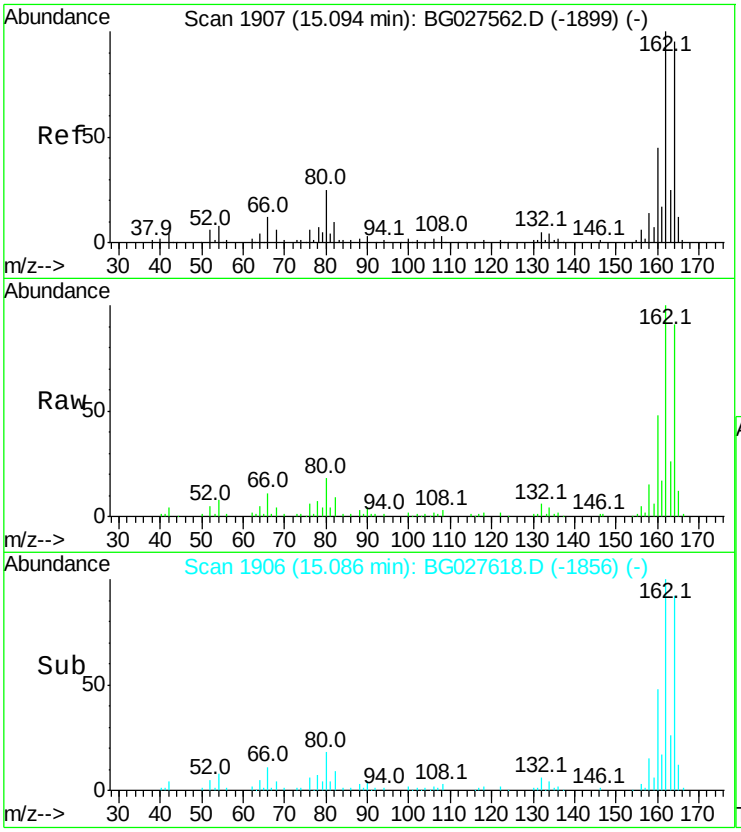


#37
2-Methylnaphthalene
Concen: 26.99 ng
RT: 12.94 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion:142 Resp: 109466

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.4	105.6
115	44.3	35.5	53.3



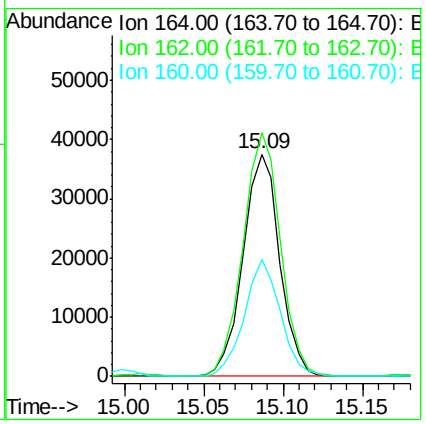


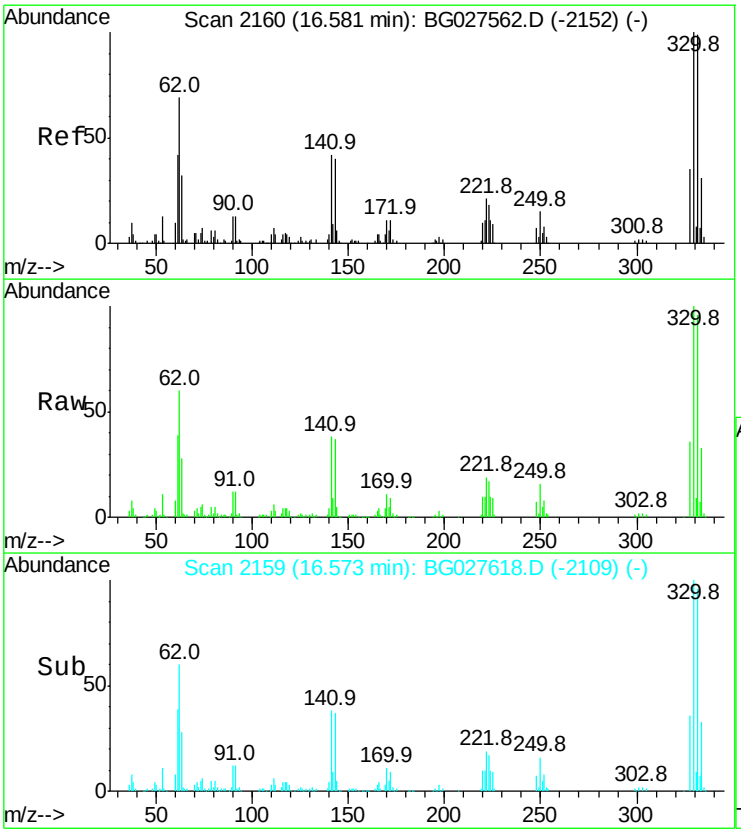
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 60146

Ion	Ratio	Lower	Upper
164	100		
162	109.7	85.1	127.7
160	52.8	34.7	52.1#

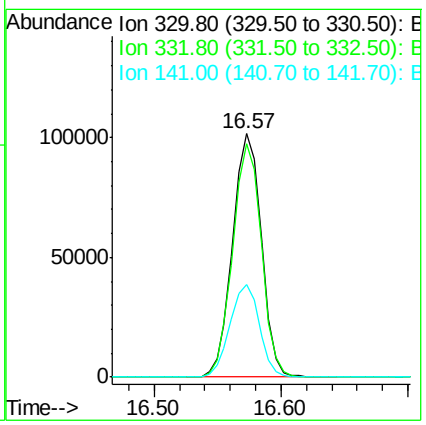


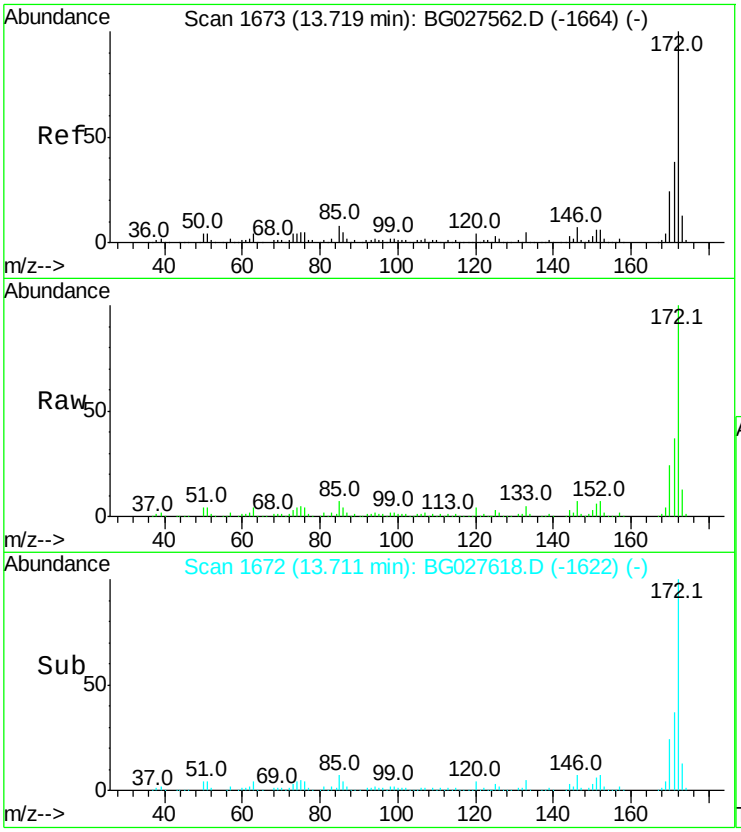


#41
2,4,6-Tribromophenol
Concen: 178.22 ng
RT: 16.57 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion:330 Resp: 159810

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	38.8	32.1	48.1



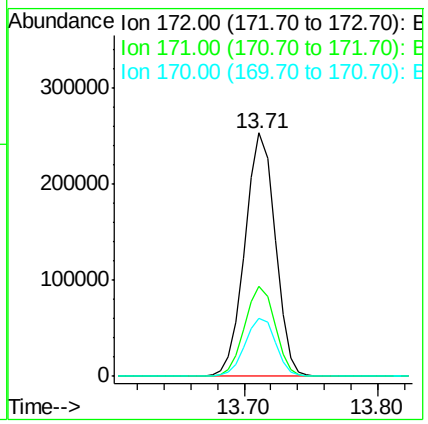


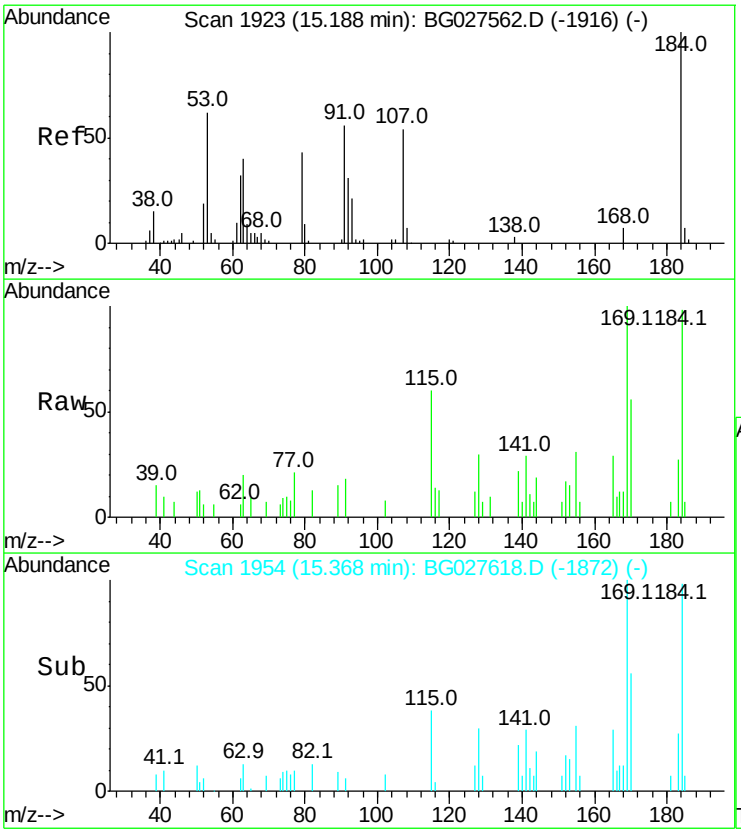
#44
2-Fluorobiphenyl
Concen: 89.98 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 396171

Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	23.6	21.8	32.6

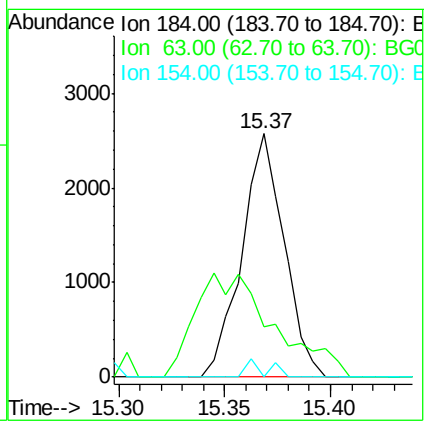


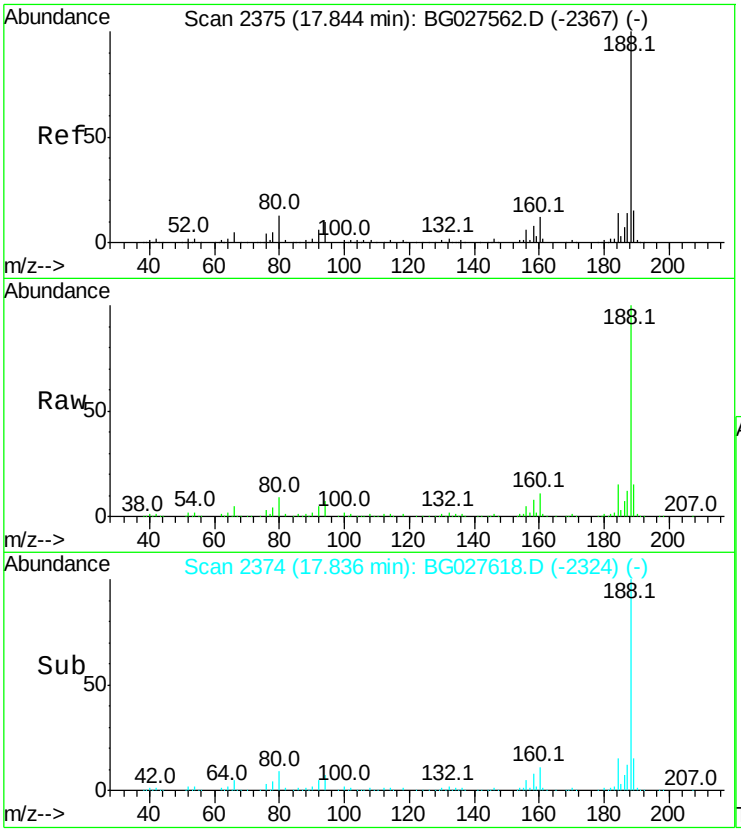


#53
2,4-Dinitrophenol
Concen: 5.53 ng
RT: 15.37 min Scan# 1954
Delta R.T. 0.18 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion:184 Resp: 3570

Ion	Ratio	Lower	Upper
184	100		
63	20.5	52.7	79.1#
154	0.0	57.3	85.9#



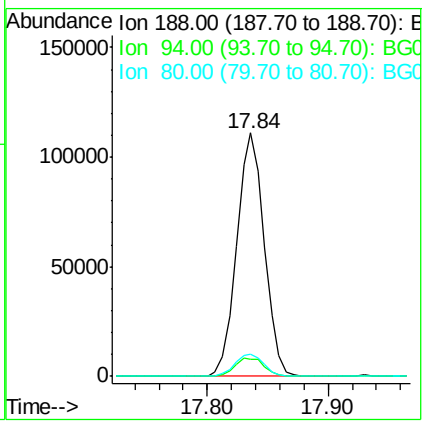


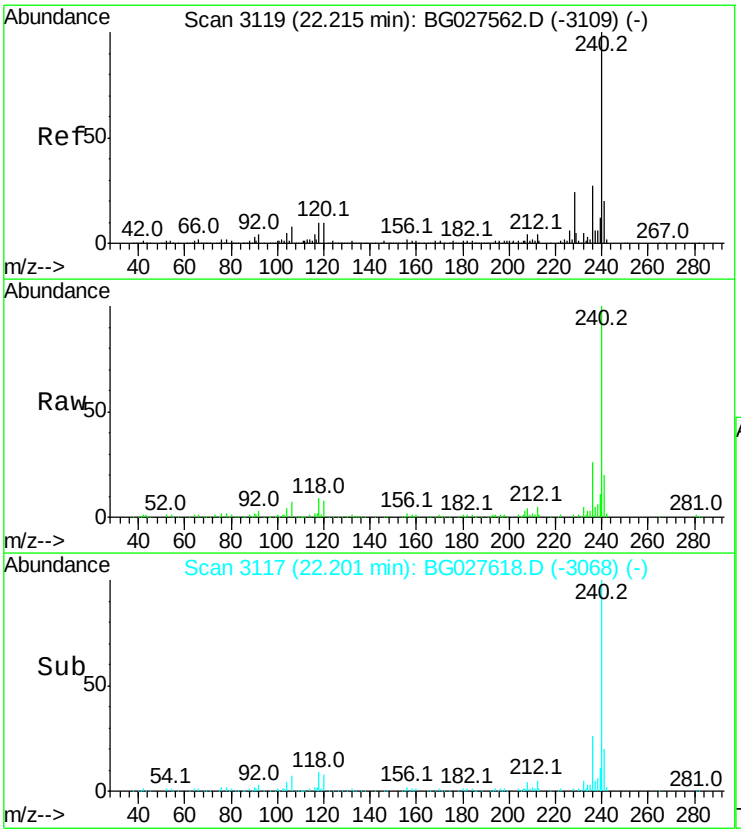
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 176002

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.8
80	9.2	7.5	11.3

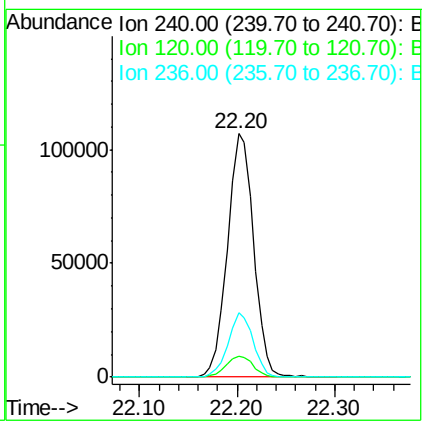


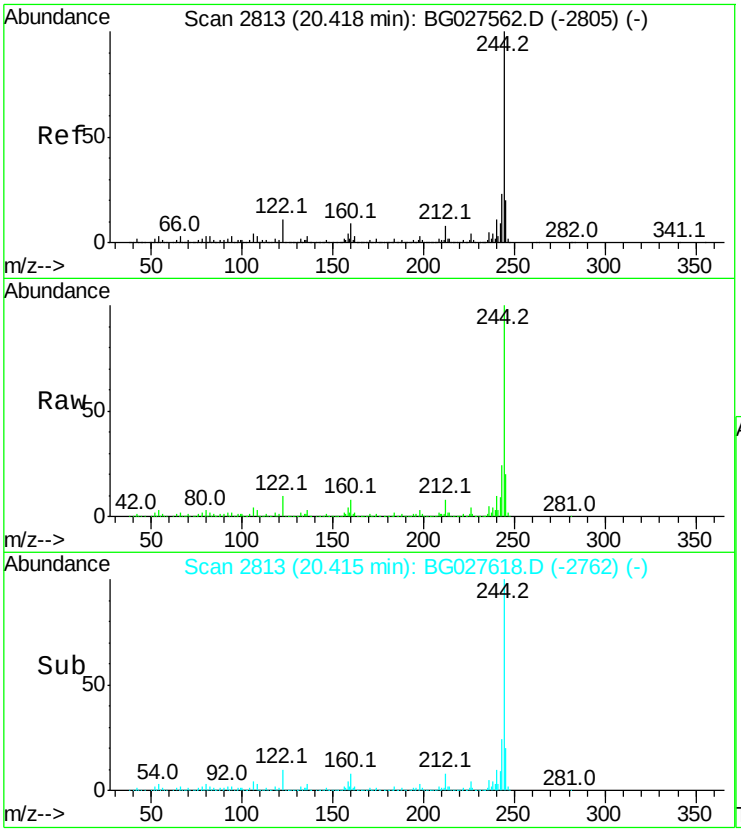


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion:240 Resp: 199399

Ion	Ratio	Lower	Upper
240	100		
120	8.4	5.7	8.5
236	26.2	22.2	33.4



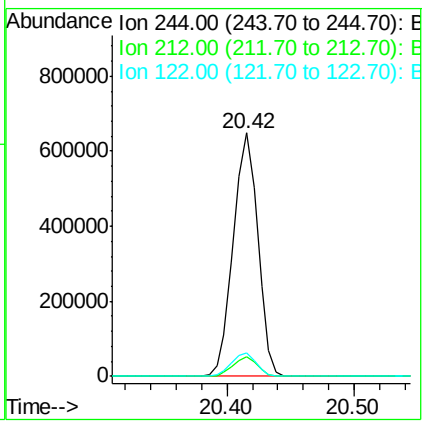


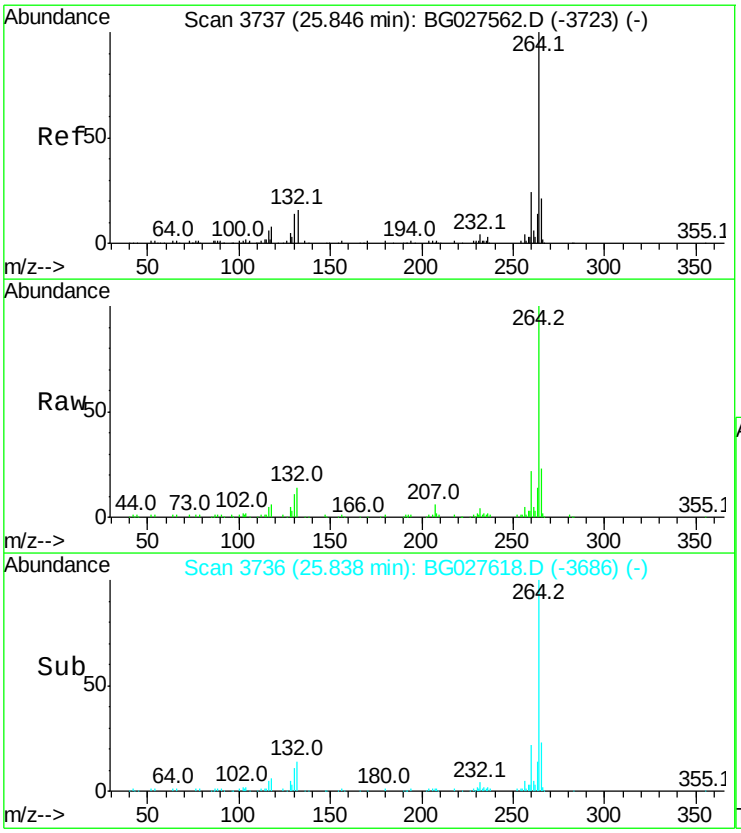
#78
Terphenyl-d14
Concen: 102.55 ng
RT: 20.42 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 867897

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	9.6	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.84 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG027618.D
Acq: 23 Jun 2017 5:58

Tgt Ion:264 Resp: 190373

Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8#
265	22.9	18.2	27.4