Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
Data File : BG027702.D
Acq On : 27 Jun 2017 19:16
Operator : SJ/JU
Sample : I3870-01DL 25X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 28 01:10:40 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	8.49	152	11081	20.00	ng		-0.01
21) Naphthalene-d8	11.31	136	53836	20.00	ng		-0.01
38) Acenaphthene-d10	15.08	164	39478	20.00	ng		-0.01
63) Phenanthrene-d10	17.83	188	118885	20.00	ng		-0.01
75) Chrysene-d12	22.19	240	136446	20.00	ng		-0.03
86) Perylene-d12	25.81	264	122813	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	1037	1.33	ng		0.00
7) Phenol-d6	7.64	99	1482	1.29	ng		0.00
23) Nitrobenzene-d5	9.66	82	3318	2.92	ng		0.00
41) 2,4,6-Tribromophenol	16.57	330	1957	3.33	ng		-0.01
44) 2-Fluorobiphenyl	13.71	172	9644	3.34	ng		-0.01
78) Terphenyl-d14	20.40	244	16703	2.88	ng		-0.01
Target Compounds							Qvalue
18) Hexachloroethane	9.68	117	1004	2.92	ng	#	1
20) 3+4-Methylphenols	9.24	107	4772	4.22	ng		86
27) 2,4-Dimethylphenol	10.46	122	8565	9.83	ng		99
31) Naphthalene	11.37	128	218145	74.97	ng		98
32) Benzoic acid	10.46	122	8565	19.41	ng	#	6
33) 4-Chloroaniline	11.37	127	30798	24.96	ng	#	32
37) 2-Methylnaphthalene	12.93	142	6201	2.93	ng		95
51) Acenaphthene	15.15	154	11181	3.74	ng		95
54) Dibenzofuran	15.47	168	13129	3.37	ng		95
55) 4-Nitrophenol	15.47	139	5461	8.24	ng	#	1
57) Fluorene	16.12	166	8446	2.29	ng		97

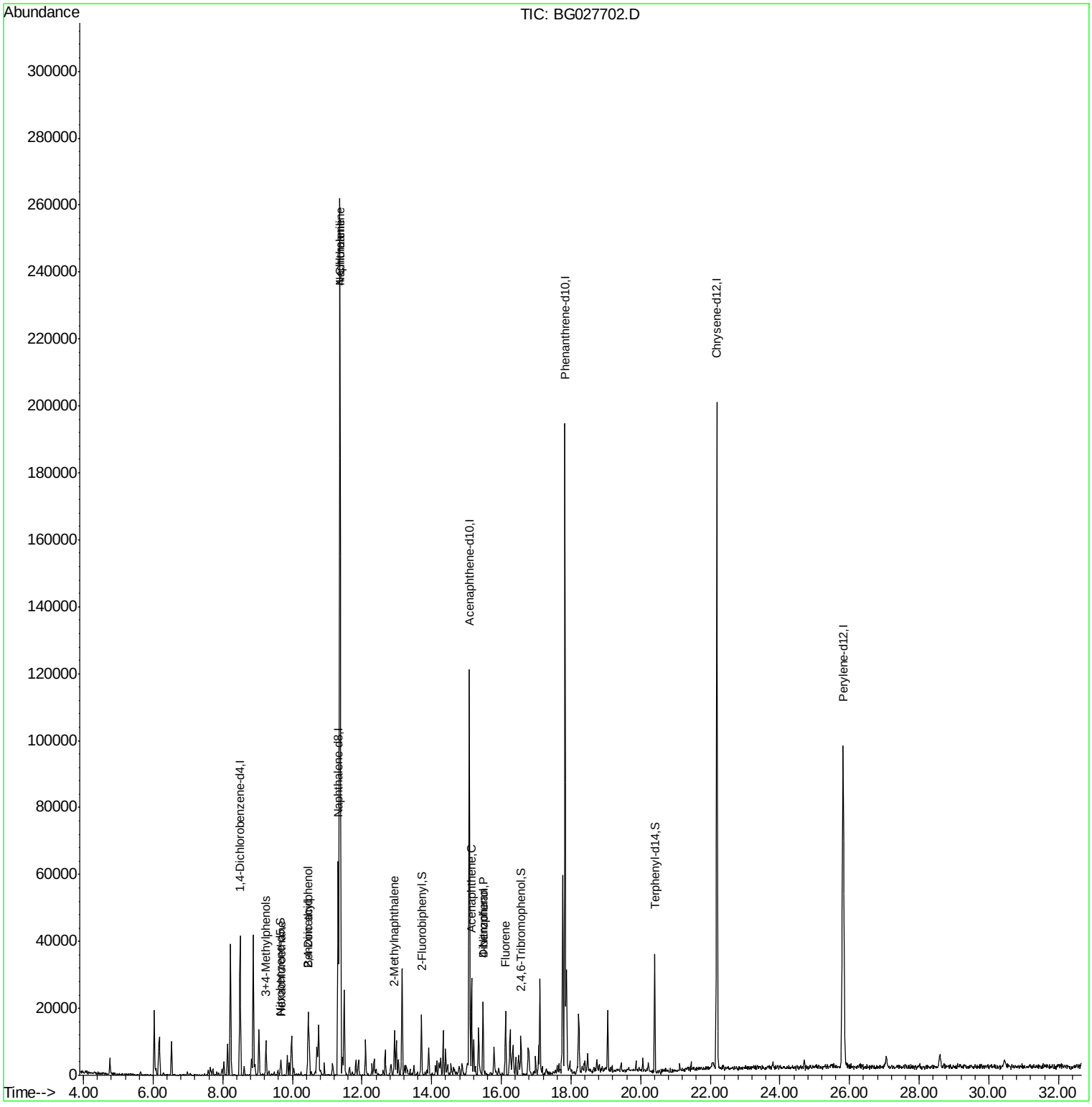
(#) = qualifier out of range (m) = manual integration (+) = signals summed

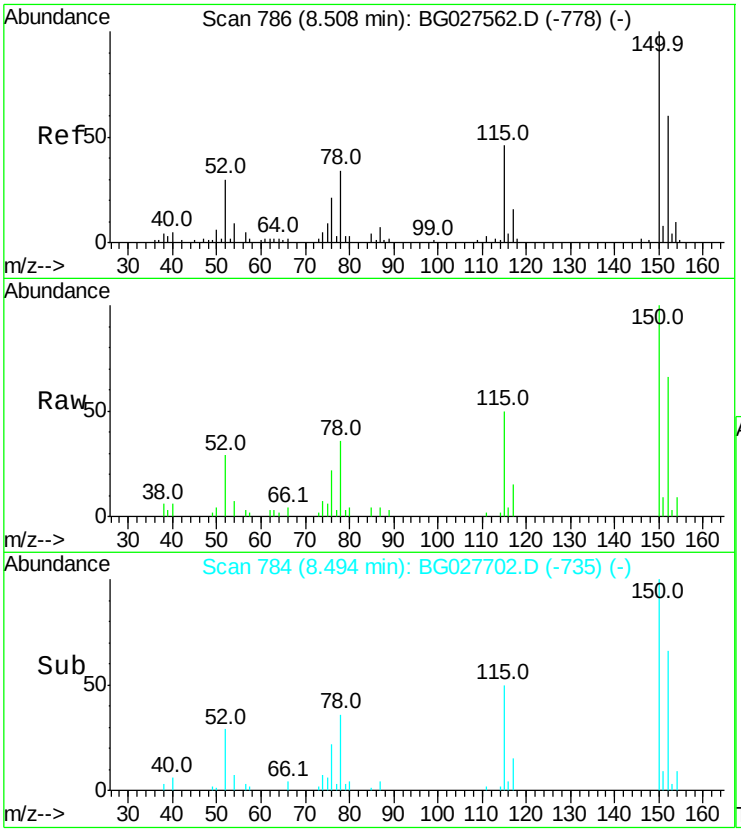
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
Data File : BG027702.D
Acq On : 27 Jun 2017 19:16
Operator : SJ/JU
Sample : I3870-01DL 25X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 28 01:10:40 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



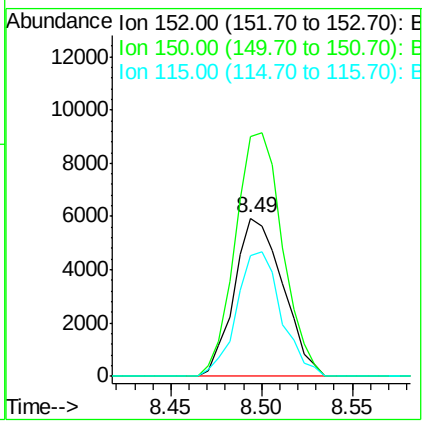


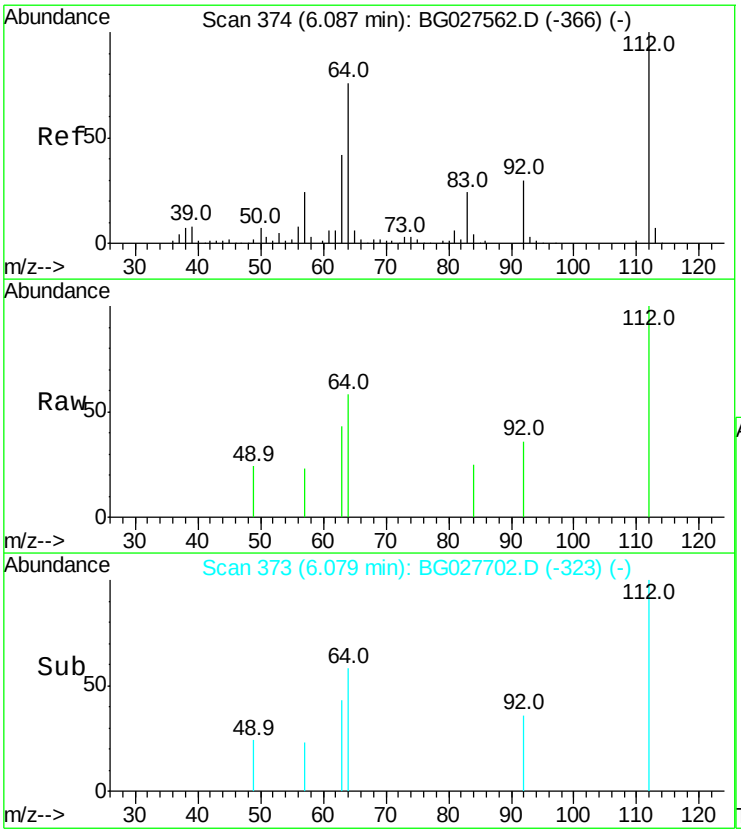
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 784
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 11081

Ion	Ratio	Lower	Upper
152	100		
150	151.8	114.0	171.0
115	76.6	48.1	72.1#

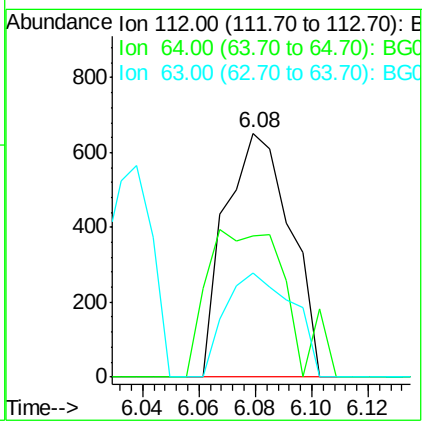


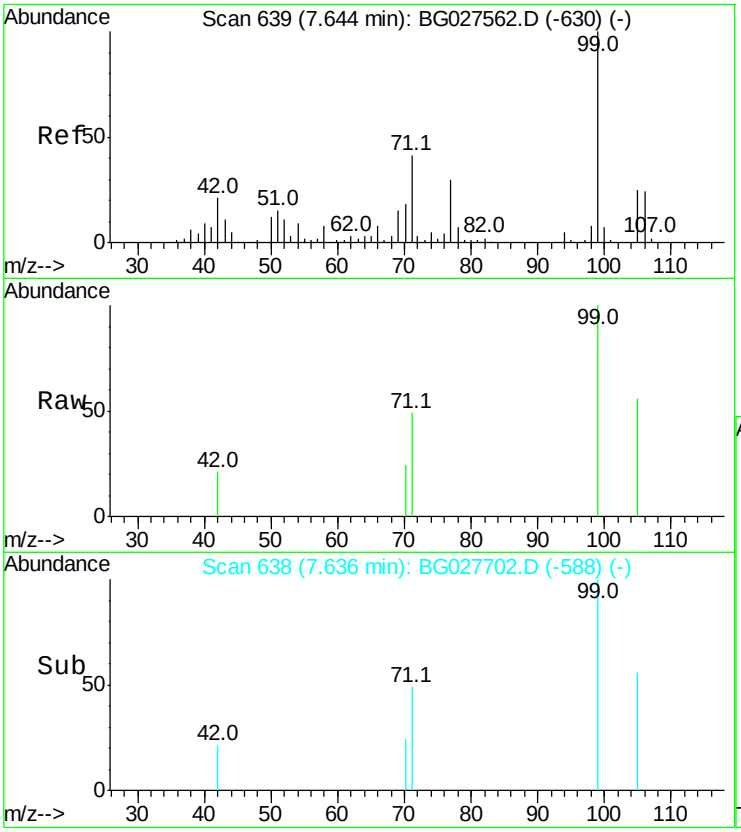


#5
2-Fluorophenol
Concen: 1.33 ng
RT: 6.08 min Scan# 373
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Tgt Ion:112 Resp: 1037

Ion	Ratio	Lower	Upper
112	100		
64	58.1	61.8	92.6#
63	42.5	37.2	55.8



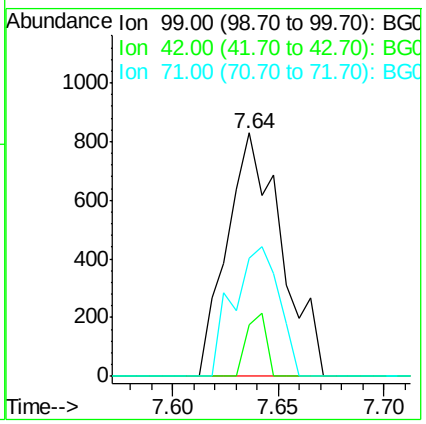


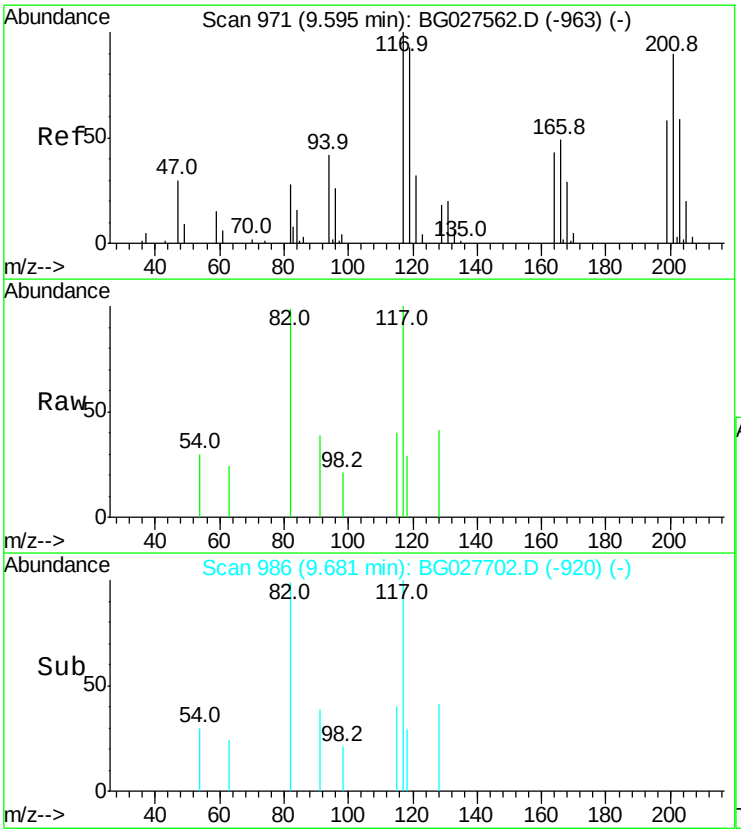
#7
Phenol-d6
Concen: 1.29 ng
RT: 7.64 min Scan# 638
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1482

Ion	Ratio	Lower	Upper
99	100		
42	21.1	20.5	30.7
71	48.6	37.6	56.4

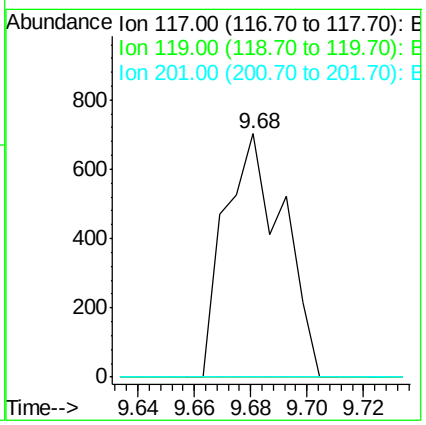


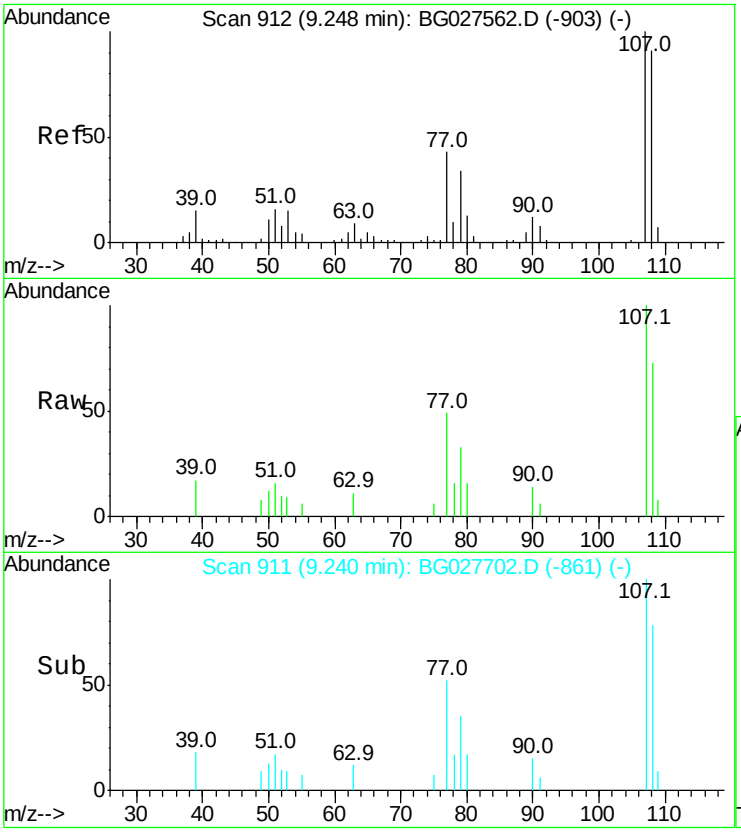


#18
Hexachloroethane
Concen: 2.92 ng
RT: 9.68 min Scan# 986
Delta R.T. 0.09 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Tgt Ion:117 Resp: 1004

Ion	Ratio	Lower	Upper
117	100		
119	0.0	69.8	104.6#
201	0.0	95.4	143.0#



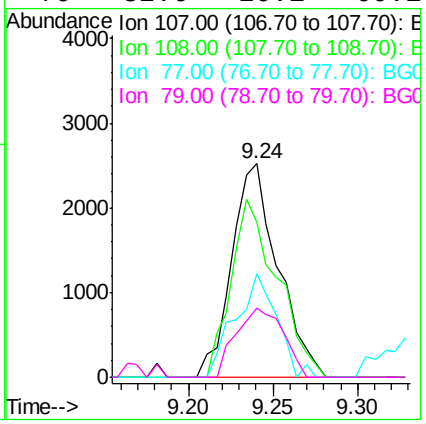


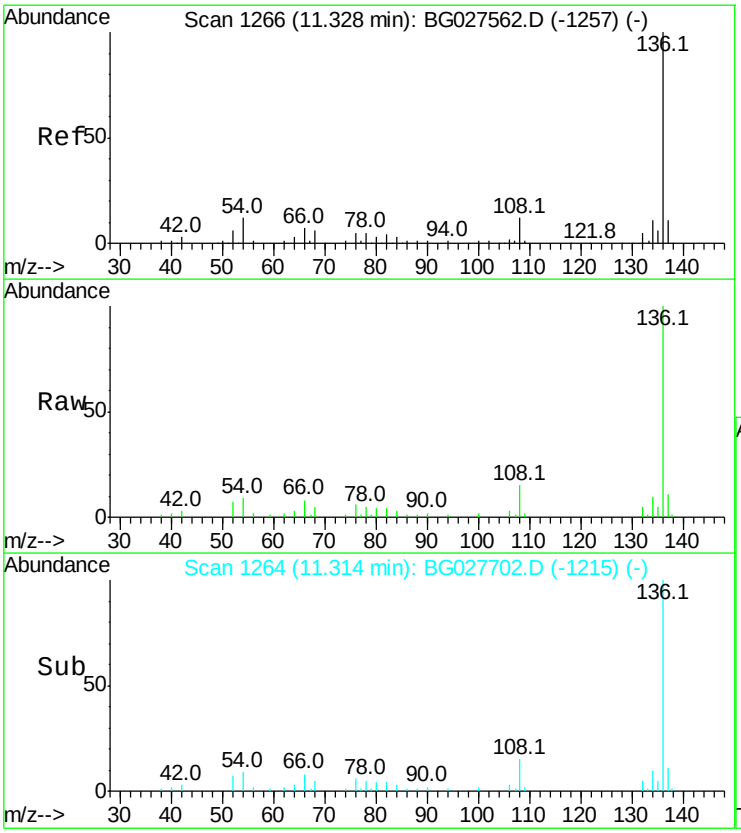
#20
3+4-Methylphenols
Concen: 4.22 ng
RT: 9.24 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 4772

Ion	Ratio	Lower	Upper
107	100		
108	72.7	70.8	110.8
77	48.6	25.8	65.8
79	32.6	20.1	60.1

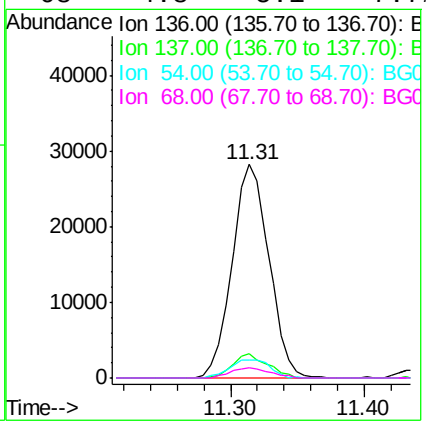


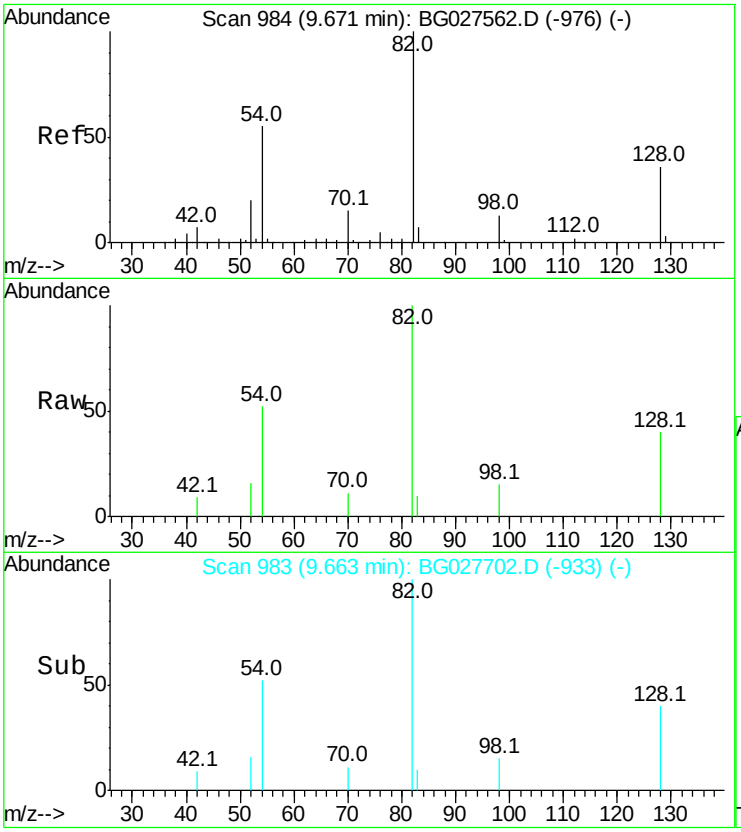


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.31 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Tgt Ion:136 Resp: 53836

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.7	9.3	13.9#
68	4.8	5.1	7.7#



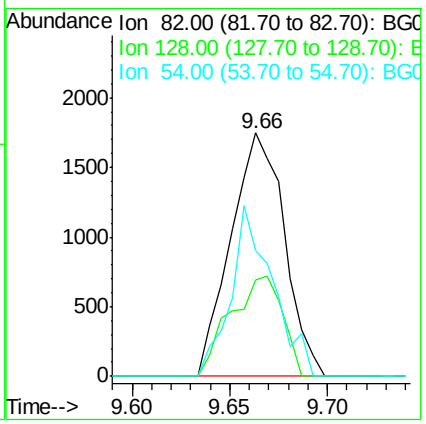


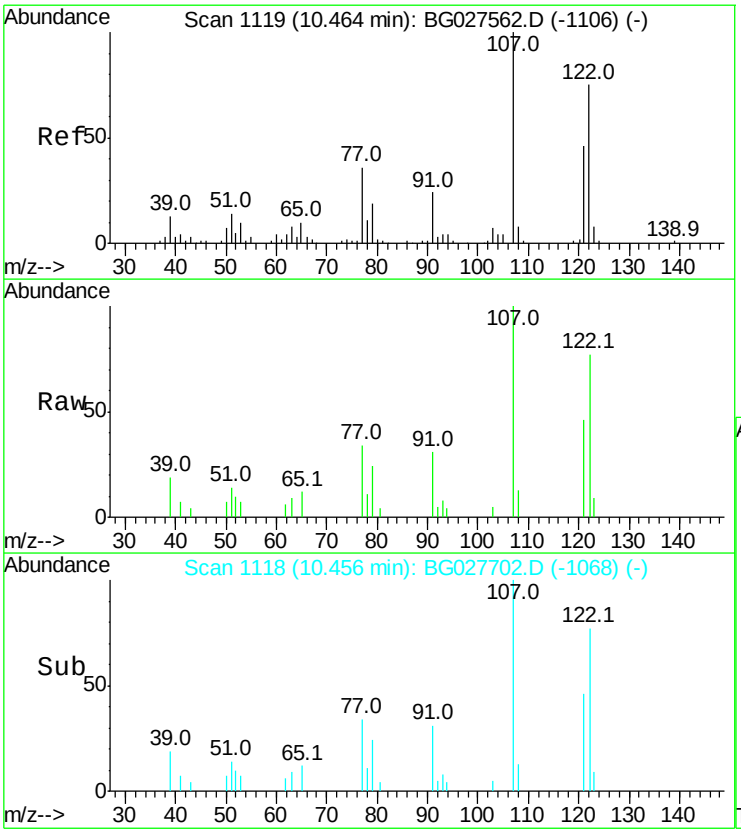
#23
Nitrobenzene-d5
Concen: 2.92 ng
RT: 9.66 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 3318

Ion	Ratio	Lower	Upper
82	100		
128	39.6	26.4	39.6#
54	51.6	49.4	74.2

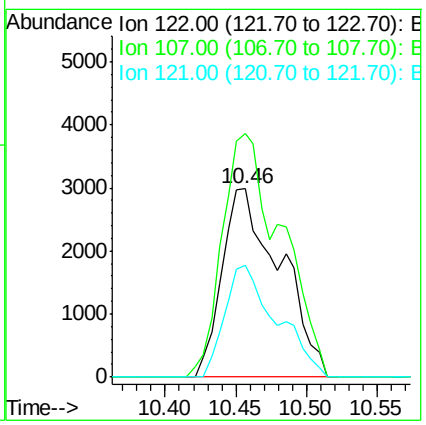


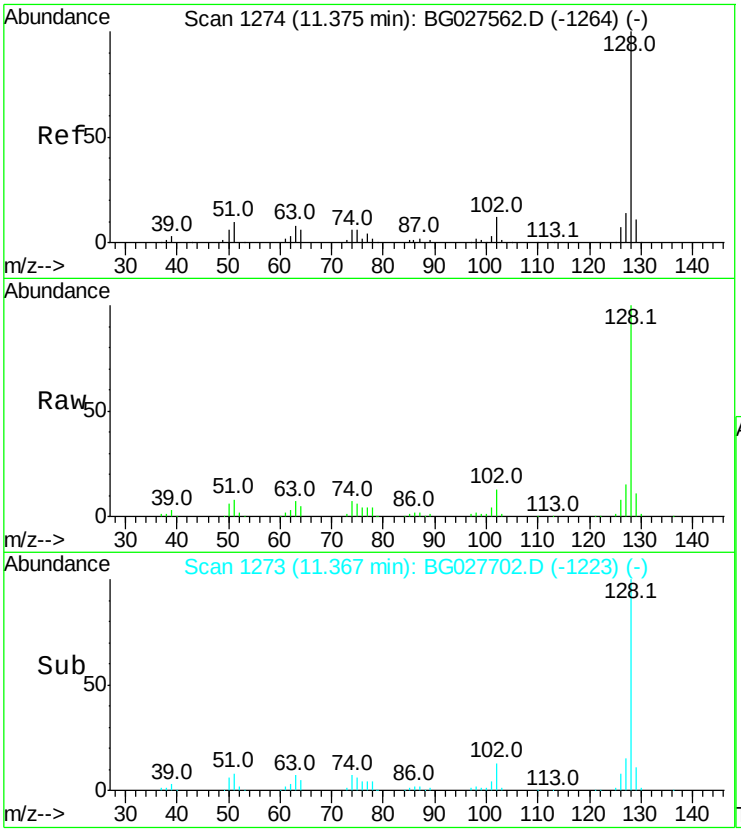


#27
2,4-Dimethylphenol
Concen: 9.83 ng
RT: 10.46 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Tgt Ion:122 Resp: 8565

Ion	Ratio	Lower	Upper
122	100		
107	129.4	104.2	156.4
121	59.2	46.0	69.0



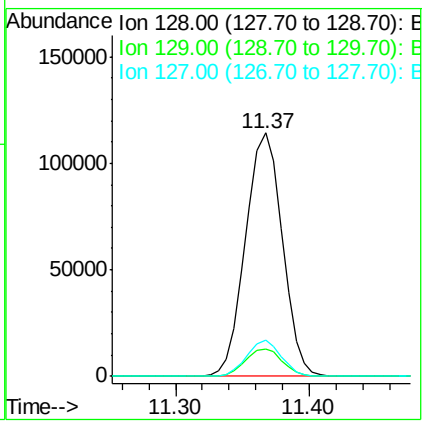


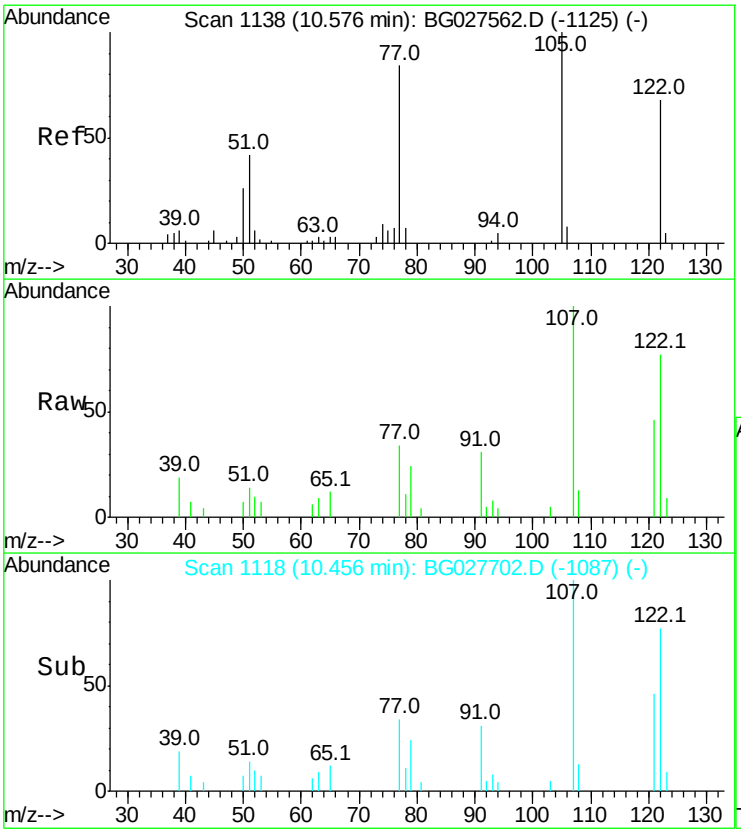
#31
Naphthalene
Concen: 74.97 ng
RT: 11.37 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 218145

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	15.0	11.4	17.0

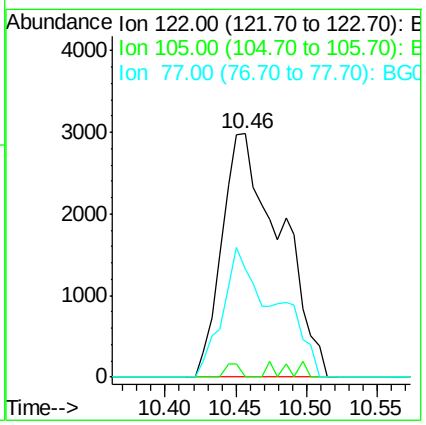


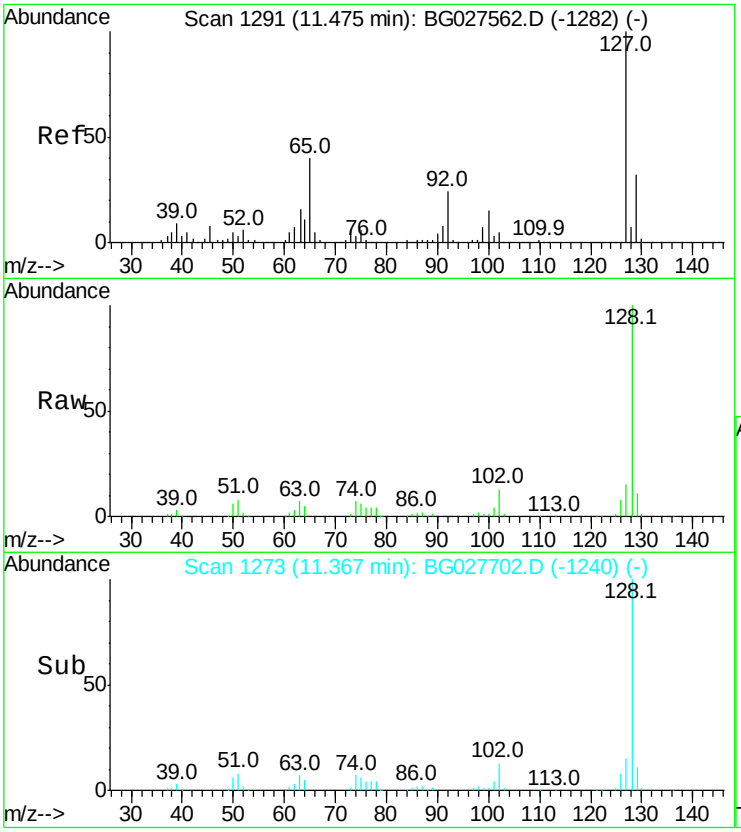


#32
Benzoic acid
Concen: 19.41 ng
RT: 10.46 min Scan# 1118
Delta R.T. -0.12 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Tgt Ion:122 Resp: 8565

Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	44.5	104.6	144.6#



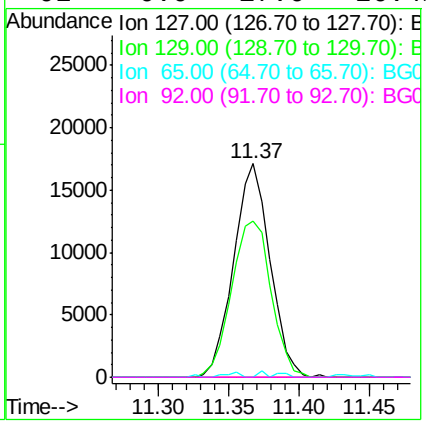


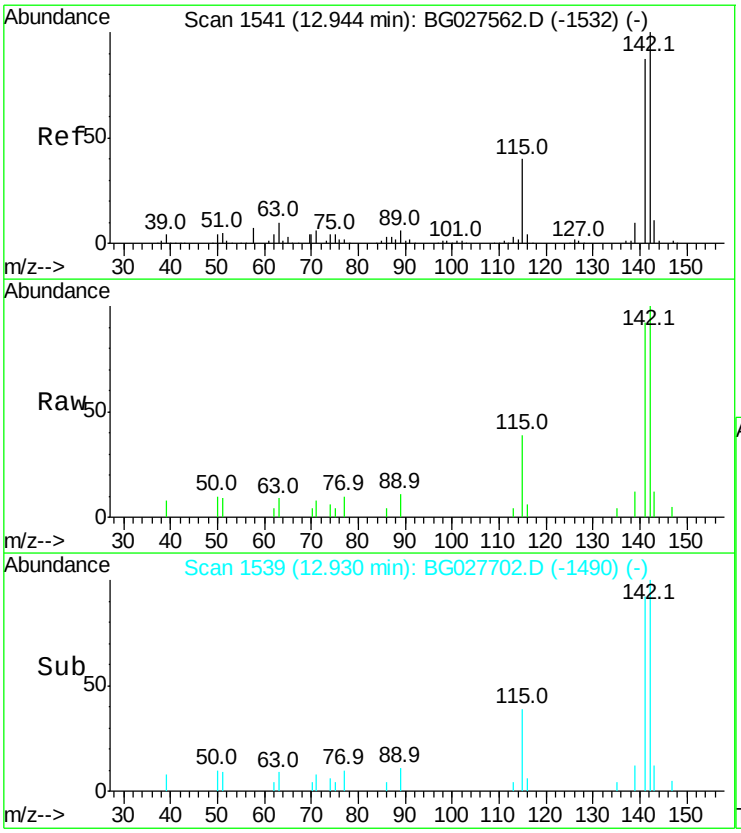
#33
4-Chloroaniline
Concen: 24.96 ng
RT: 11.37 min Scan# 1273
Delta R.T. -0.11 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 30798

Ion	Ratio	Lower	Upper
127	100		
129	73.3	23.6	35.4#
65	0.0	37.7	56.5#
92	0.0	17.6	26.4#

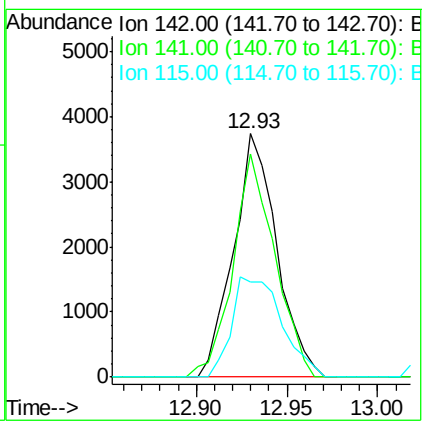


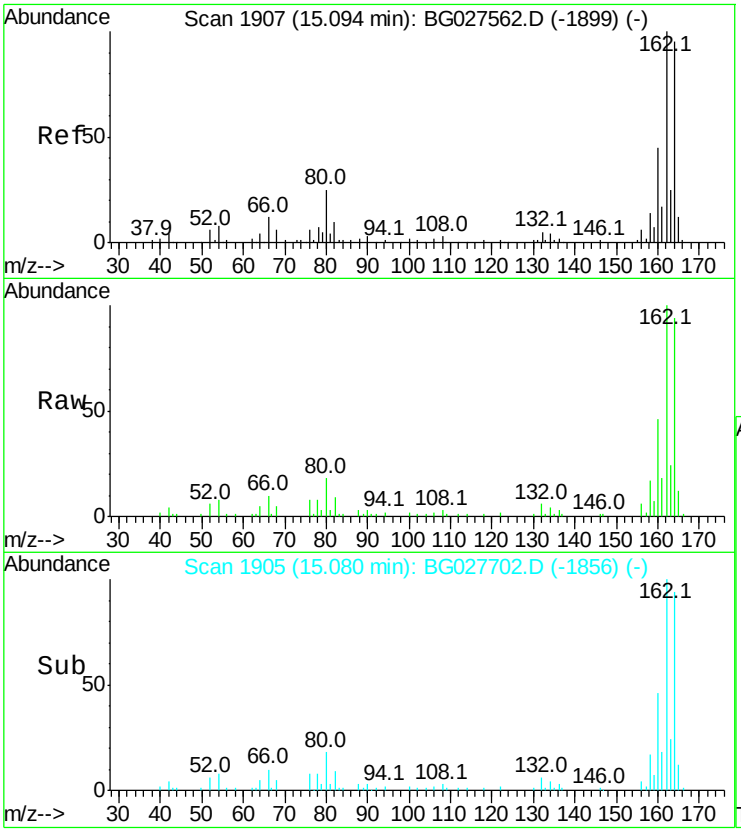


#37
2-Methylnaphthalene
Concen: 2.93 ng
RT: 12.93 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Tgt Ion:142 Resp: 6201

Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.4	105.6
115	39.2	35.5	53.3



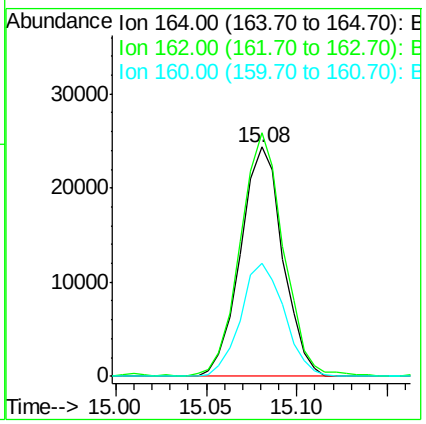


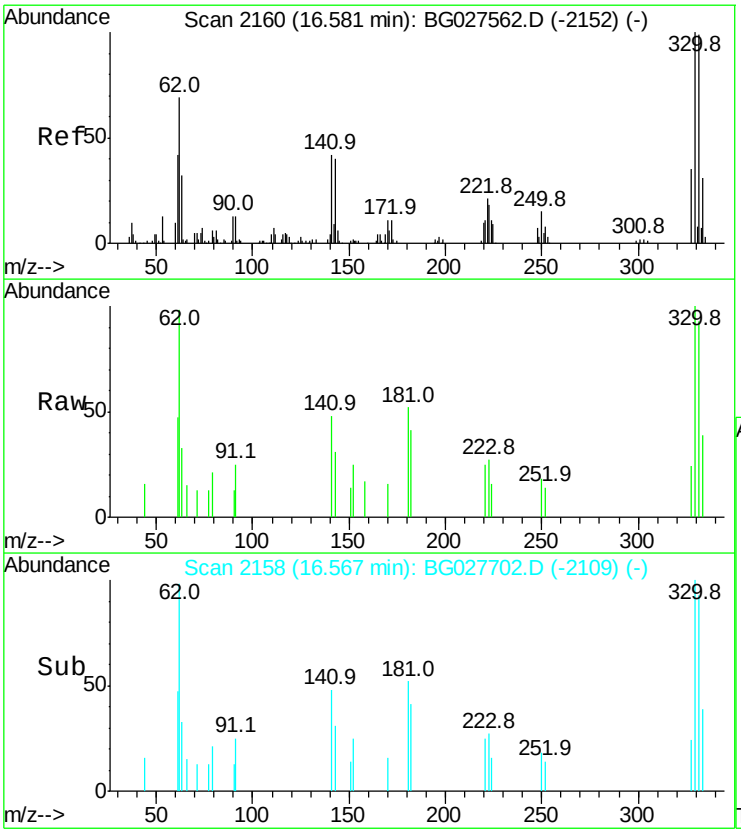
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.08 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 39478

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.1	127.7
160	49.2	34.7	52.1

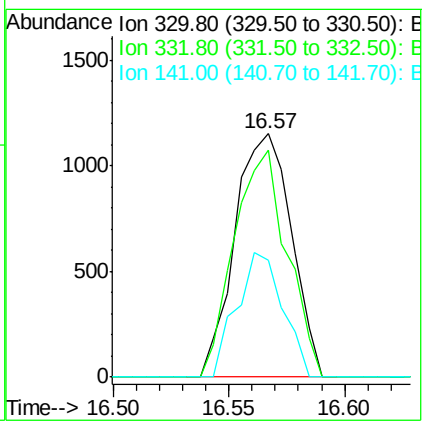


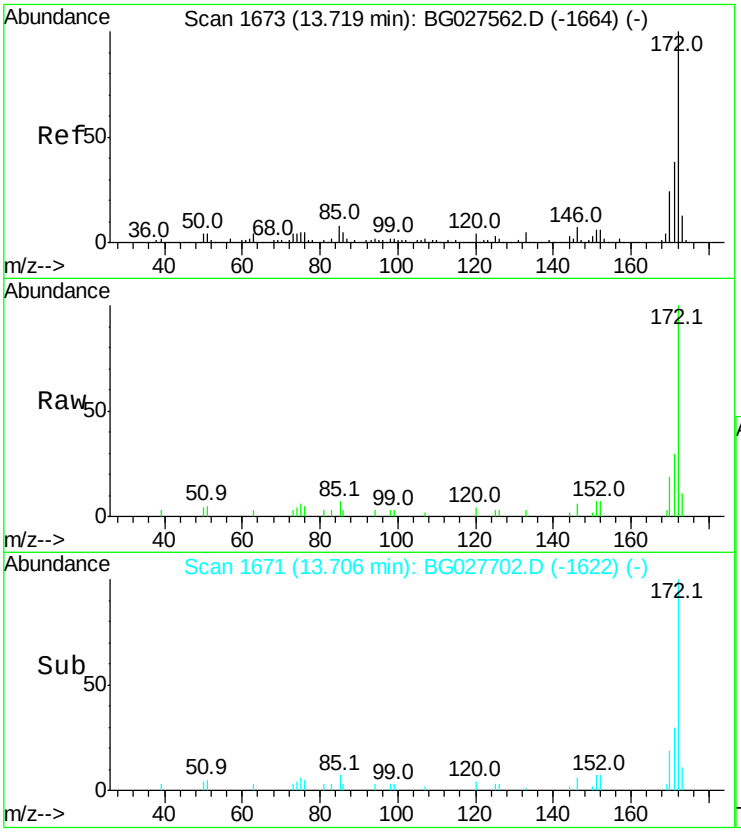


#41
2,4,6-Tribromophenol
Concen: 3.33 ng
RT: 16.57 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Tgt Ion:330 Resp: 1957

Ion	Ratio	Lower	Upper
330	100		
332	87.7	77.3	115.9
141	41.6	32.1	48.1



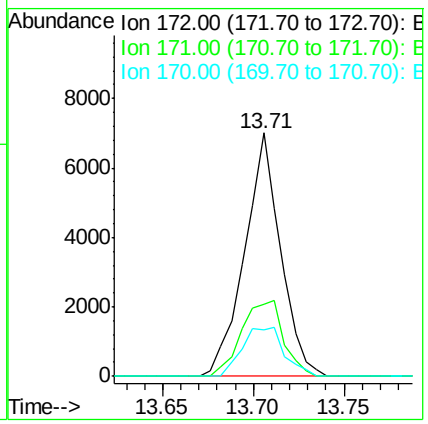


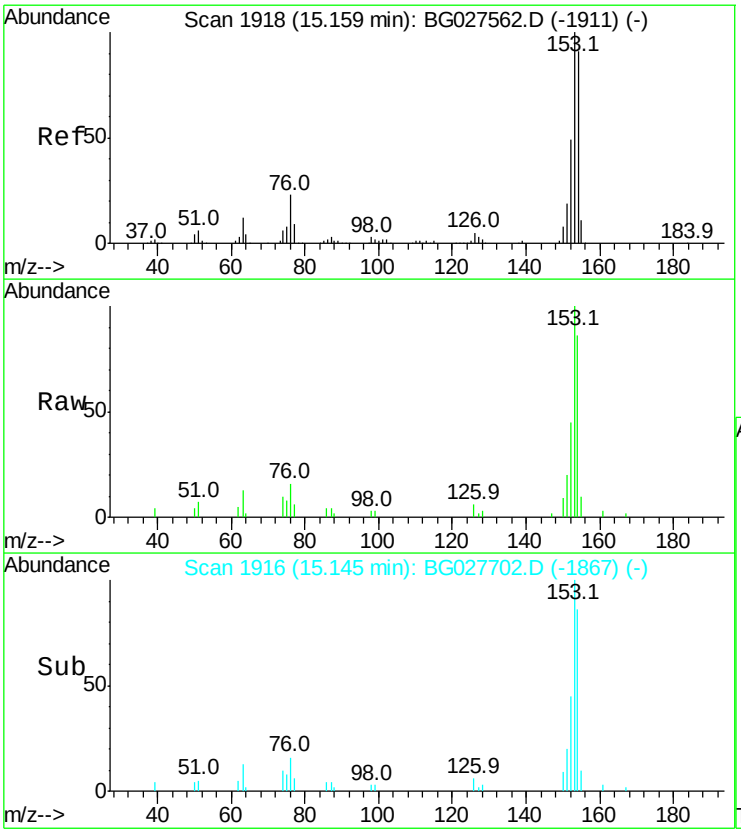
#44
2-Fluorobiphenyl
Concen: 3.34 ng
RT: 13.71 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 9644

Ion	Ratio	Lower	Upper
172	100		
171	29.7	32.2	48.2#
170	18.9	21.8	32.6#

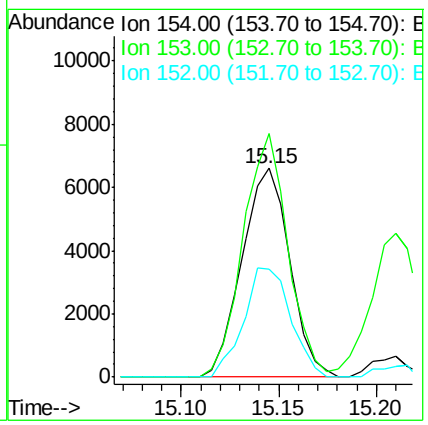


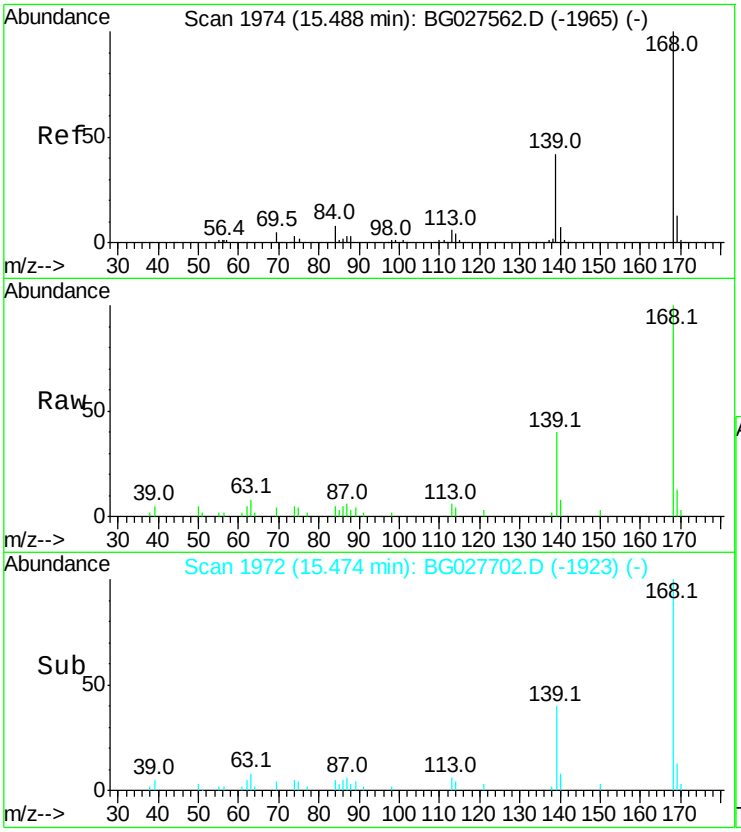


#51
Acenaphthene
Concen: 3.74 ng
RT: 15.15 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Tgt Ion:154 Resp: 11181

Ion	Ratio	Lower	Upper
154	100		
153	116.8	87.8	131.6
152	52.1	42.2	63.4



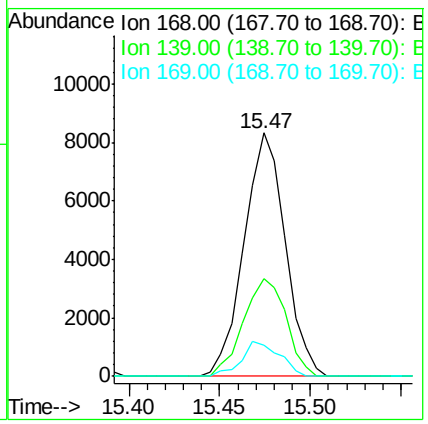


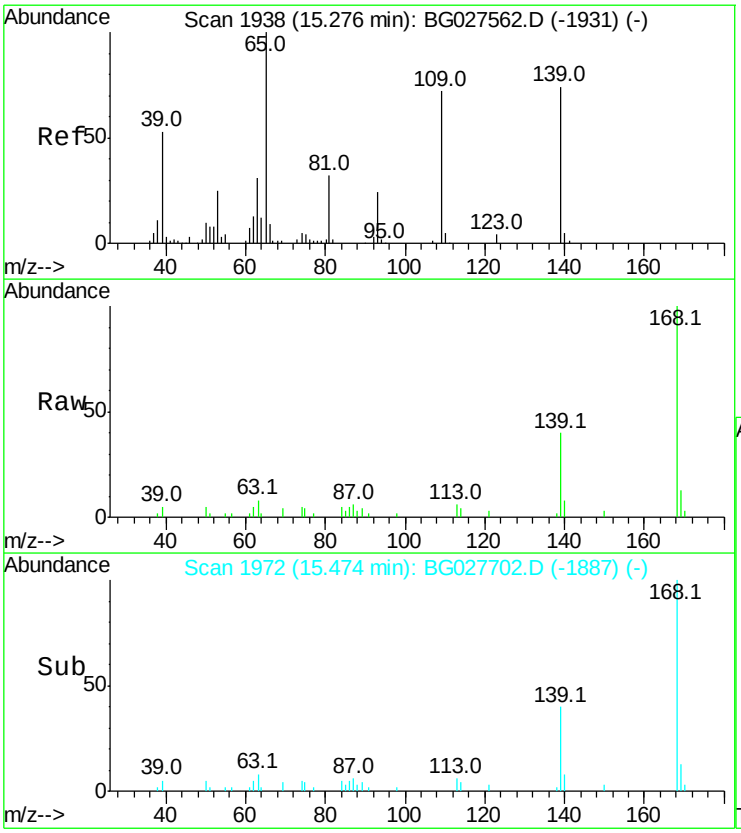
#54
Dibenzofuran
Concen: 3.37 ng
RT: 15.47 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 13129

Ion	Ratio	Lower	Upper
168	100		
139	40.4	35.3	52.9
169	12.6	11.5	17.3

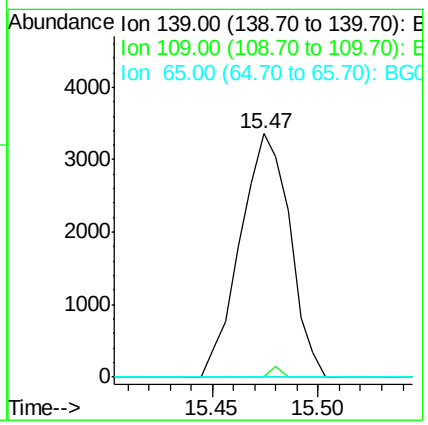


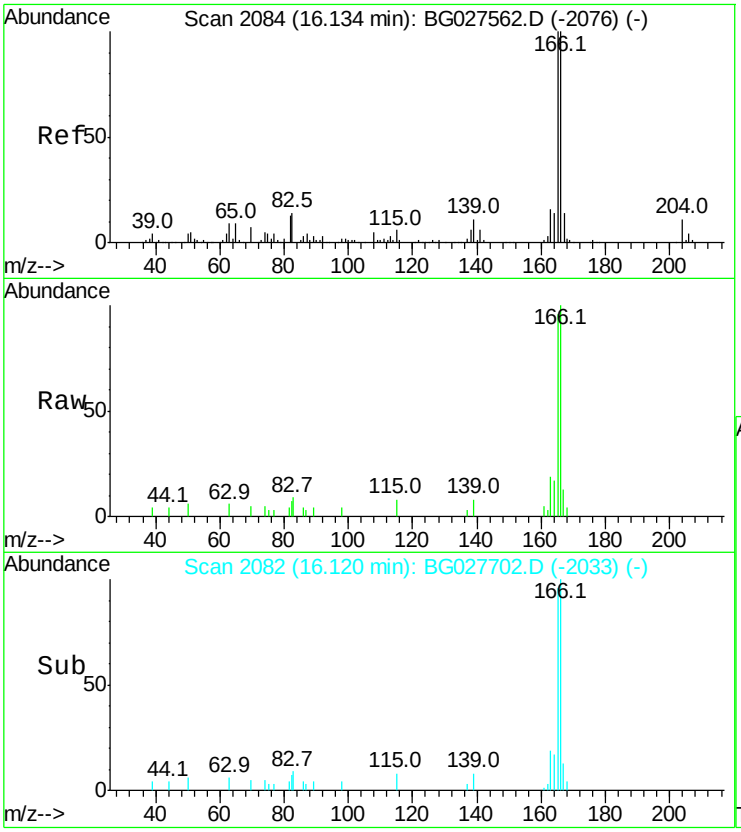


#55
4-Nitrophenol
Concen: 8.24 ng
RT: 15.47 min Scan# 1972
Delta R.T. 0.20 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Tgt Ion:139 Resp: 5461

Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#



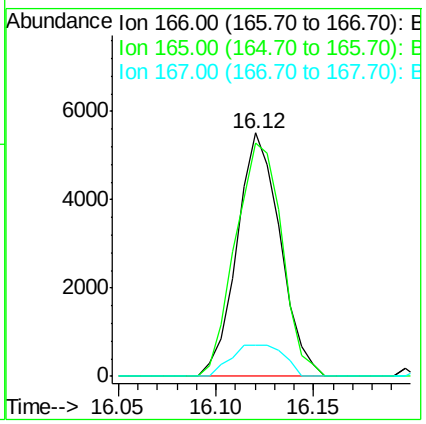


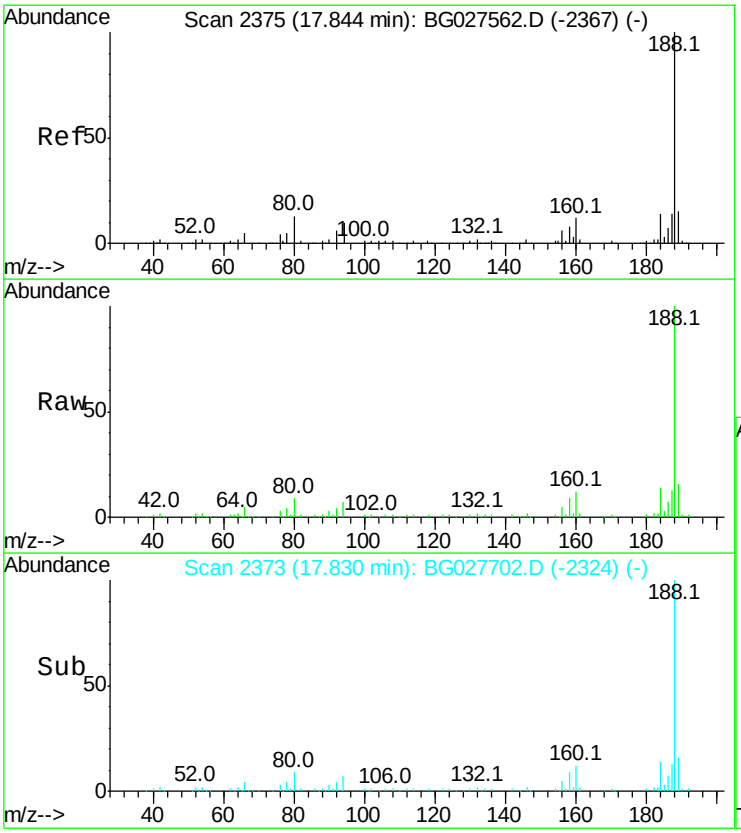
#57
Fluorene
Concen: 2.29 ng
RT: 16.12 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 8446

Ion	Ratio	Lower	Upper
166	100		
165	96.0	78.6	117.8
167	12.7	11.6	17.4

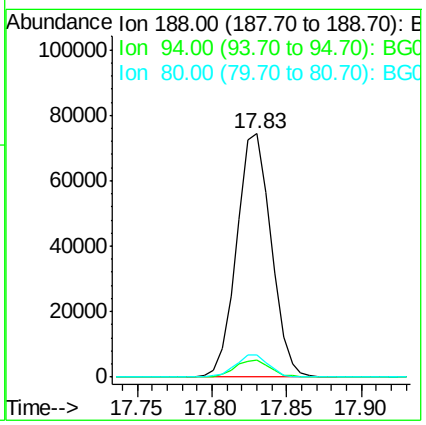


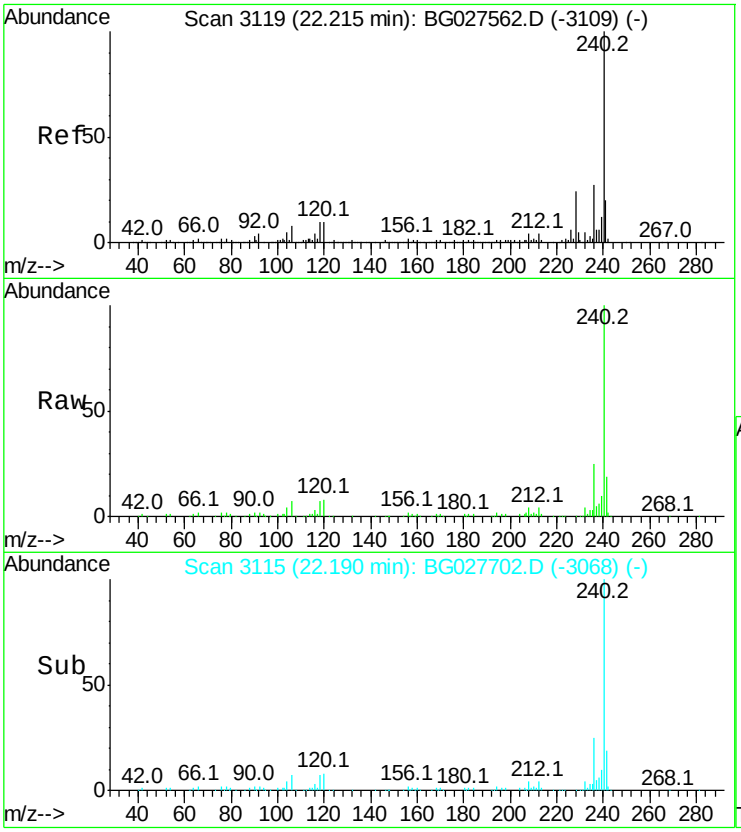


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.83 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Tgt Ion:188 Resp: 118885

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.8
80	9.1	7.5	11.3



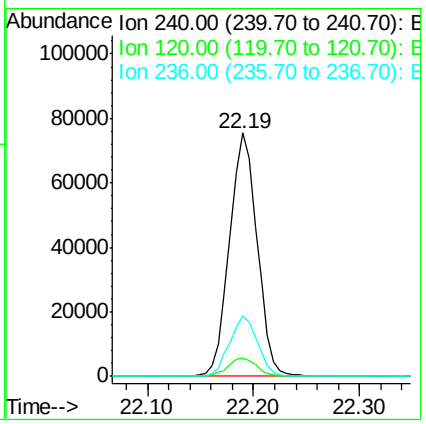


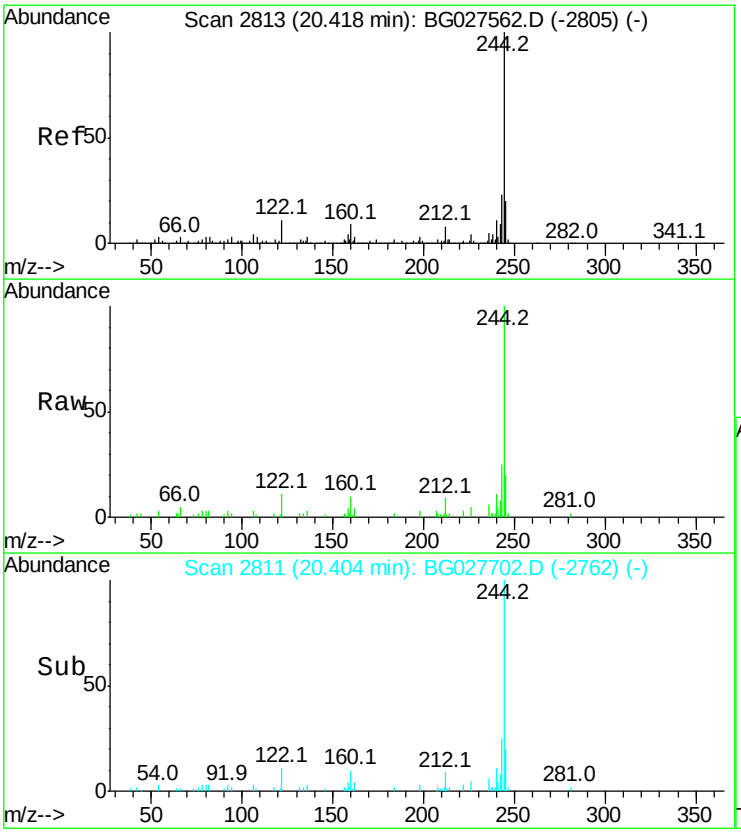
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.19 min Scan# 3115
Delta R.T. -0.03 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 136446

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.7	8.5
236	24.8	22.2	33.4

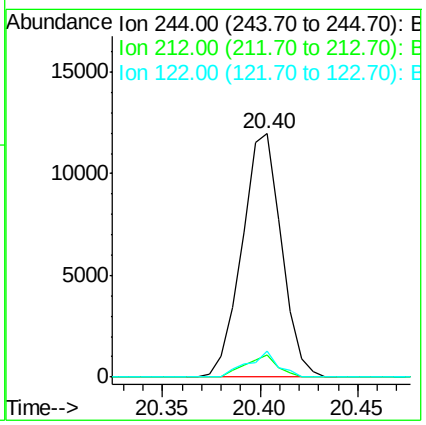


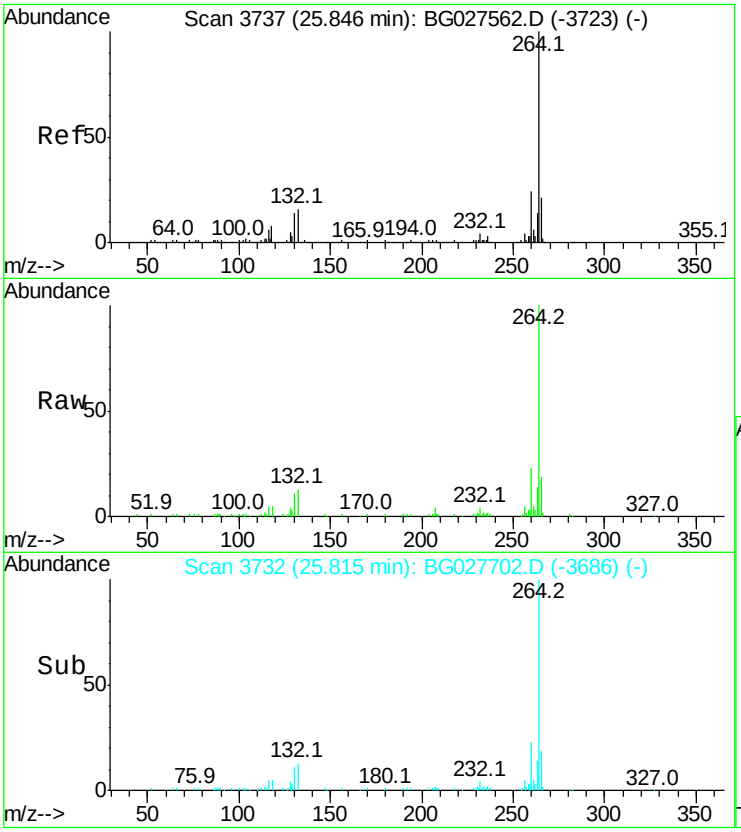


#78
Terphenyl-d14
Concen: 2.88 ng
RT: 20.40 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Tgt Ion:244 Resp: 16703

Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.0	15.0#
122	10.7	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.81 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG027702.D
Acq: 27 Jun 2017 19:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 122813

Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	19.0	18.2	27.4