Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
Data File : BG027681.D
Acq On : 26 Jun 2017 19:10
Operator : SJ/JU
Sample : I3874-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TL-WTP-01

Quant Time: Jun 27 01:28:14 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	7498	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	31760	20.00	ng	-0.02
38) Acenaphthene-d10	15.08	164	18482	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	53706	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	60899	20.00	ng	-0.03
86) Perylene-d12	25.80	264	59191	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	20274	38.48	ng	0.00
7) Phenol-d6	7.63	99	37054	47.51	ng	-0.02
23) Nitrobenzene-d5	9.65	82	61685	91.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	25188	91.41	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	139084	102.80	ng	-0.02
78) Terphenyl-d14	20.40	244	301272	116.56	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.65	94	14268	17.96	ng	96
20) 3+4-Methylphenols	9.22	107	9994	13.06	ng	82
76) Benzidine	20.02	184	170906	114.34	ng	97

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

Quantitation Report (QT Reviewed)

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Acq On : 26 Jun 2017 19:10
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Misc :
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Instrument :
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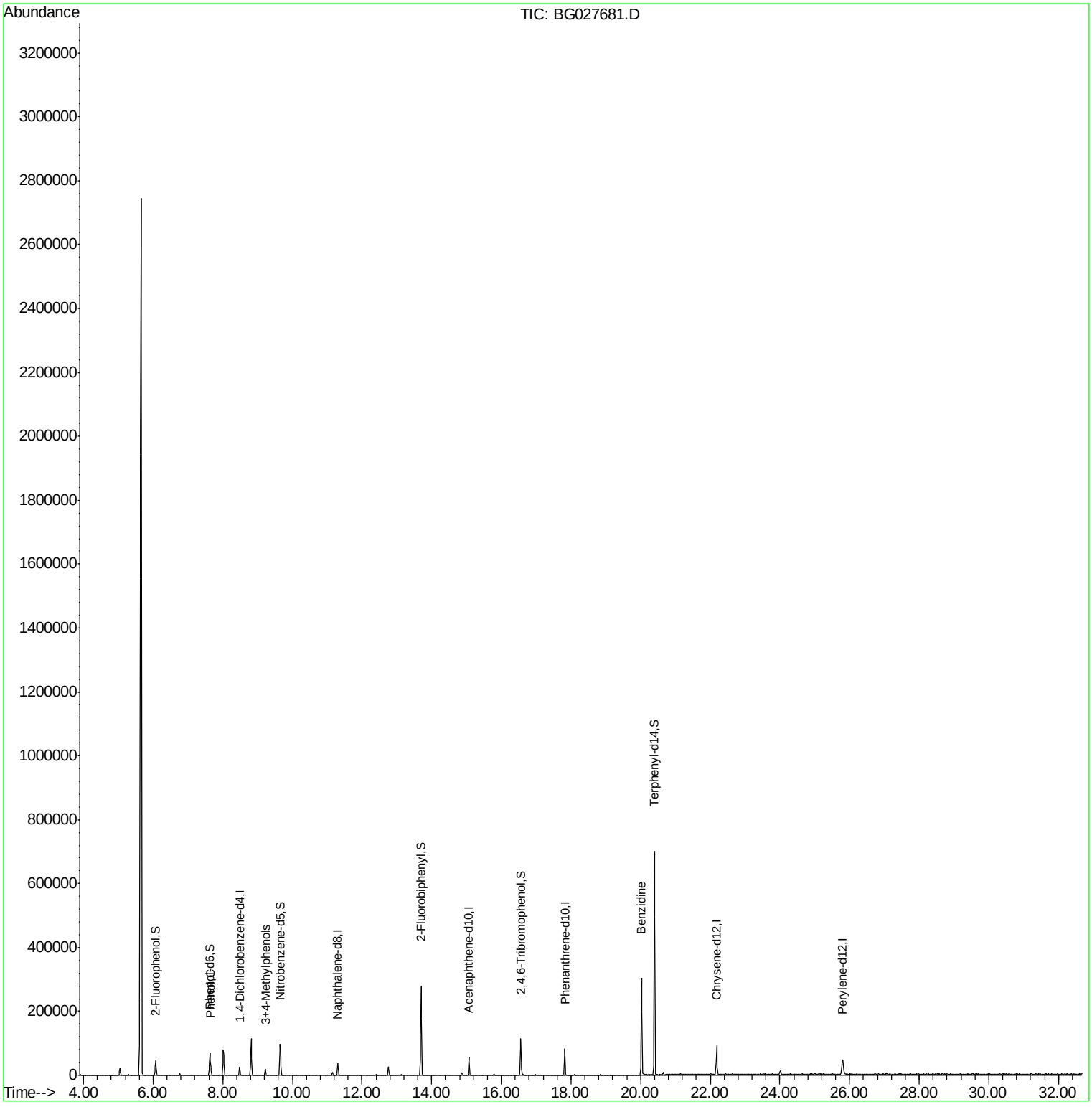
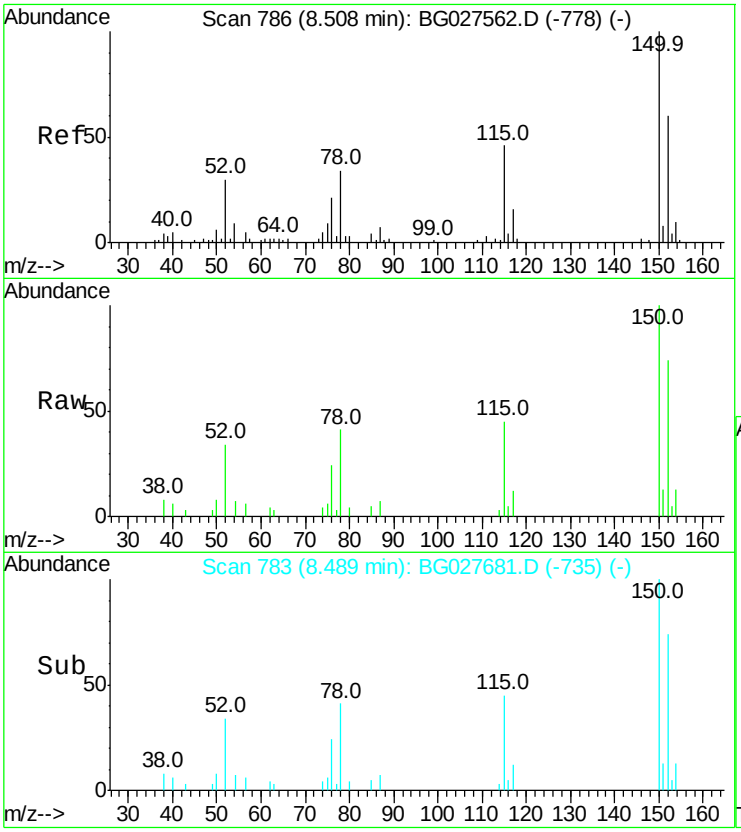


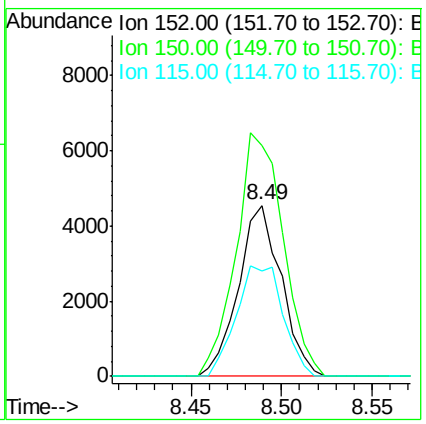


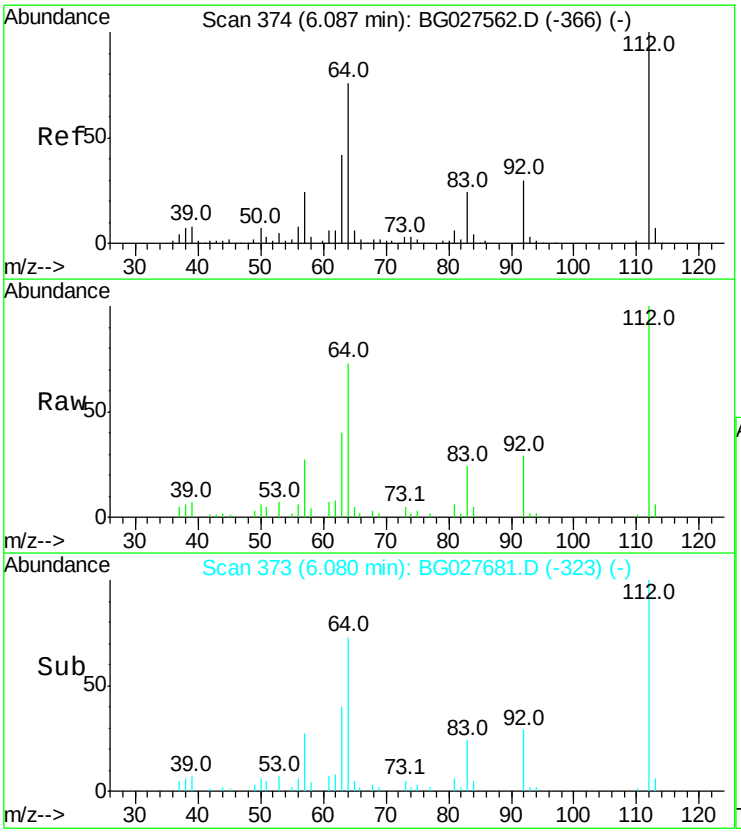
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Tgt Ion:152 Resp: 7498

Ion	Ratio	Lower	Upper
152	100		
150	135.1	114.0	171.0
115	61.5	48.1	72.1

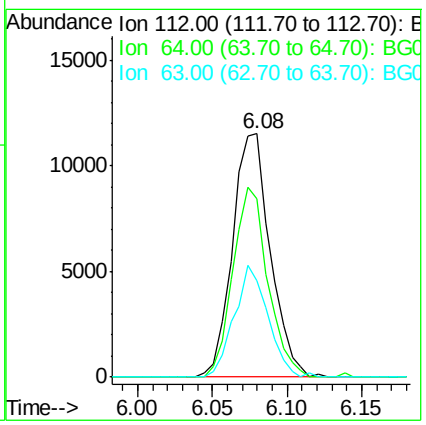


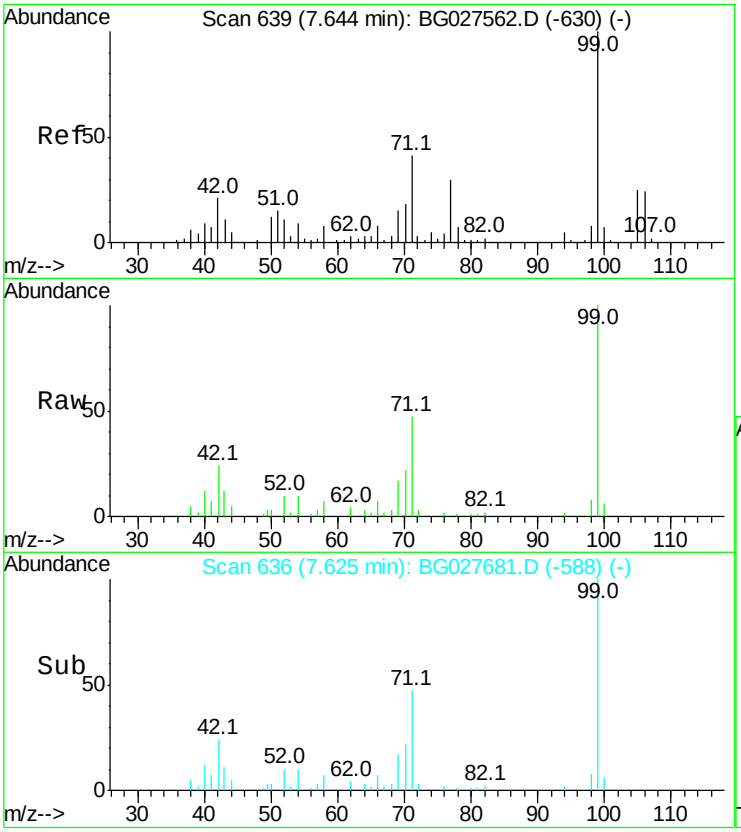


#5
2-Fluorophenol
Concen: 38.48 ng
RT: 6.08 min Scan# 373
Delta R.T. -0.01 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Tgt Ion:112 Resp: 20274

Ion	Ratio	Lower	Upper
112	100		
64	73.5	61.8	92.6
63	39.6	37.2	55.8



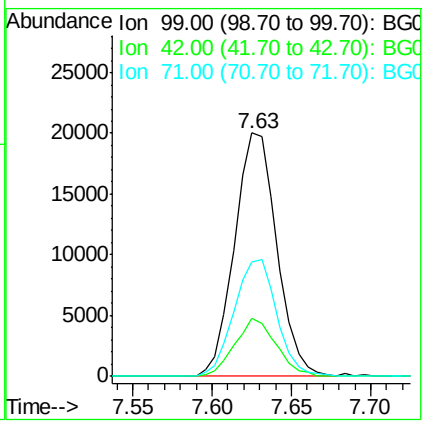


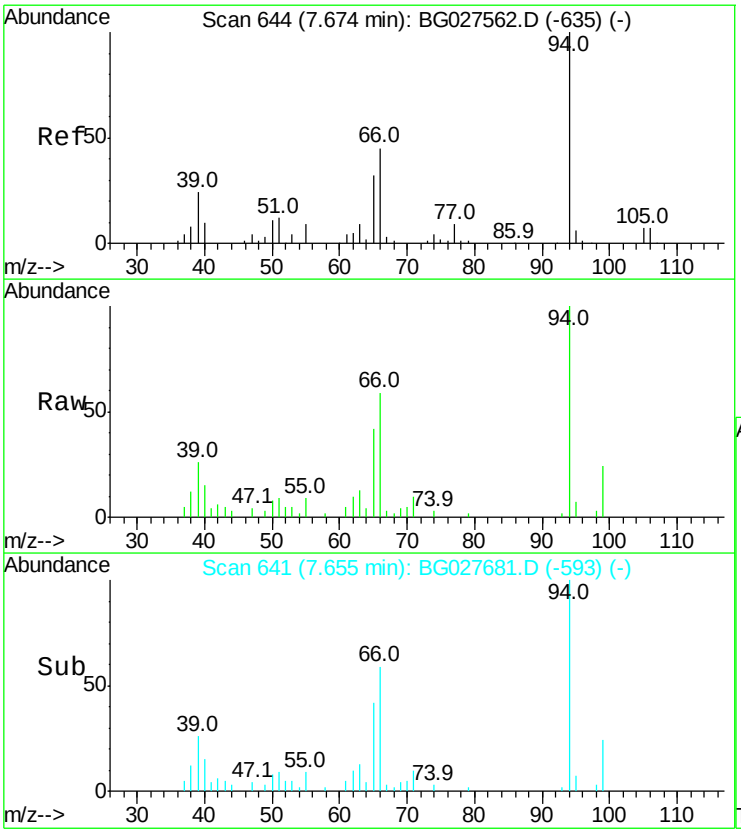
#7
Phenol-d6
Concen: 47.51 ng
RT: 7.63 min Scan# 636
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Tgt Ion: 99 Resp: 37054

Ion	Ratio	Lower	Upper
99	100		
42	23.9	20.5	30.7
71	46.8	37.6	56.4

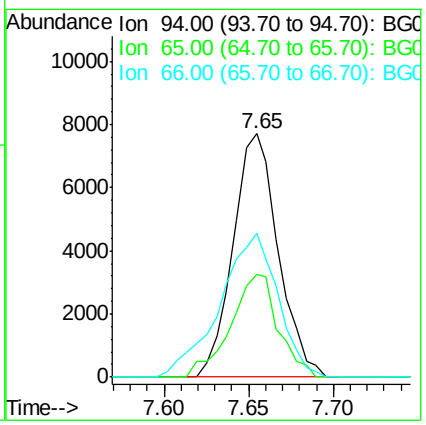


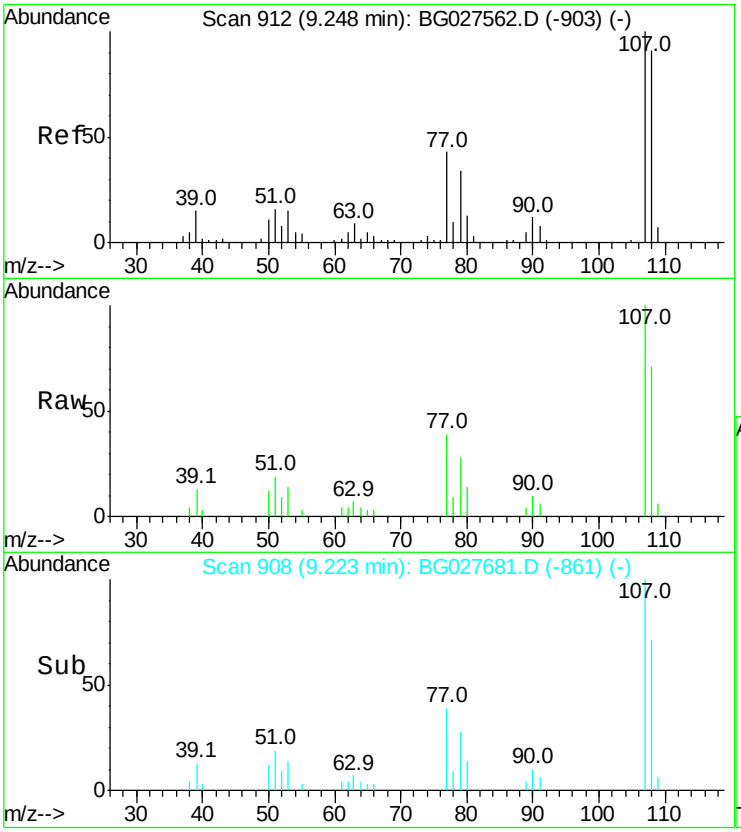


#10
Phenol
Concen: 17.96 ng
RT: 7.65 min Scan# 641
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Tgt Ion: 94 Resp: 14268

Ion	Ratio	Lower	Upper
94	100		
65	42.1	20.6	60.6
66	58.8	35.5	75.5



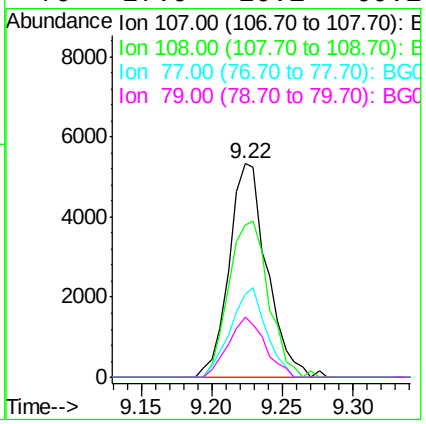


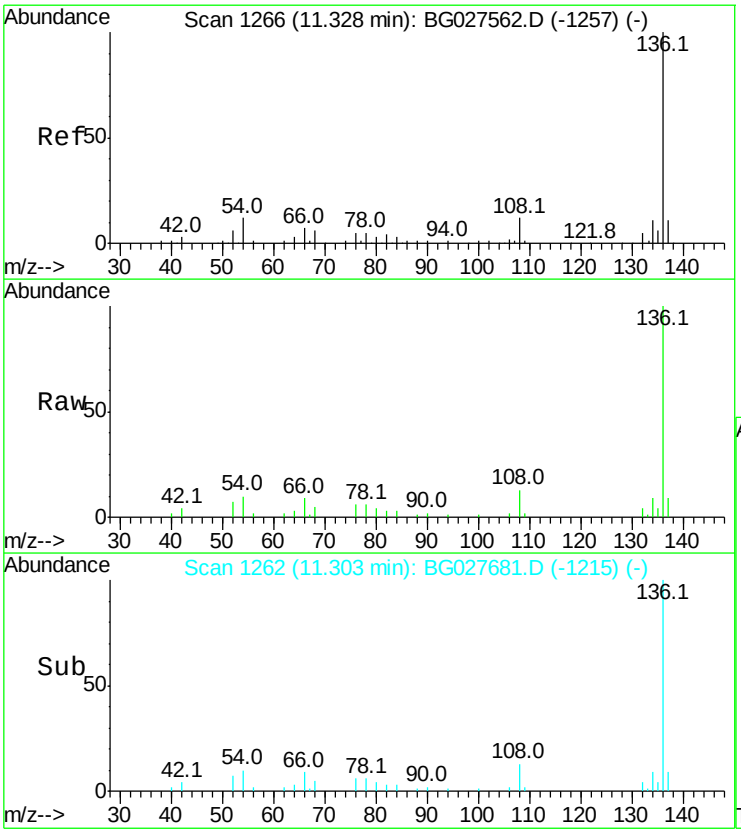
#20
3+4-Methylphenols
Concen: 13.06 ng
RT: 9.22 min Scan# 908
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Tgt Ion:107 Resp: 9994

Ion	Ratio	Lower	Upper
107	100		
108	71.4	70.8	110.8
77	39.0	25.8	65.8
79	27.9	20.1	60.1

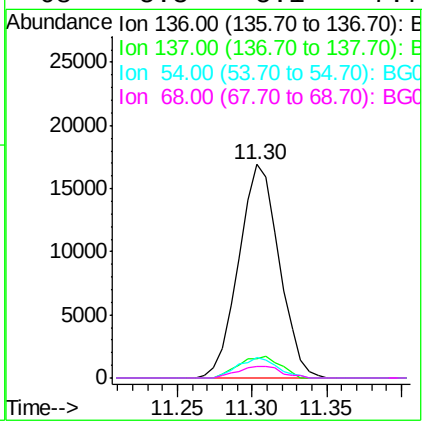


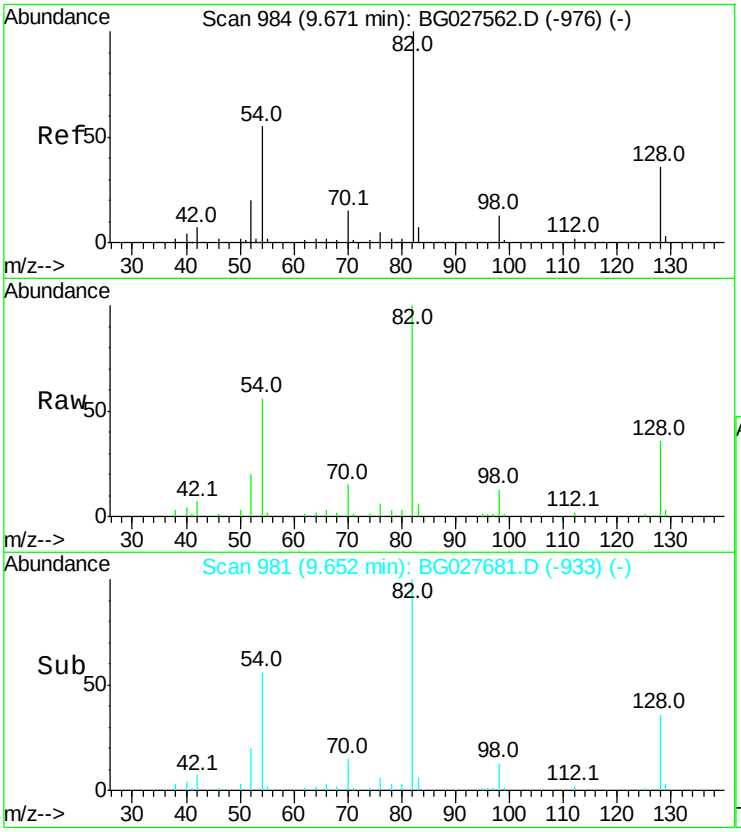


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Tgt Ion:136 Resp: 31760

Ion	Ratio	Lower	Upper
136	100		
137	8.8	8.9	13.3#
54	9.6	9.3	13.9
68	5.3	5.1	7.7



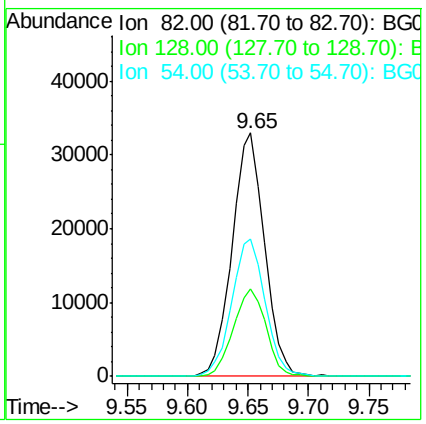


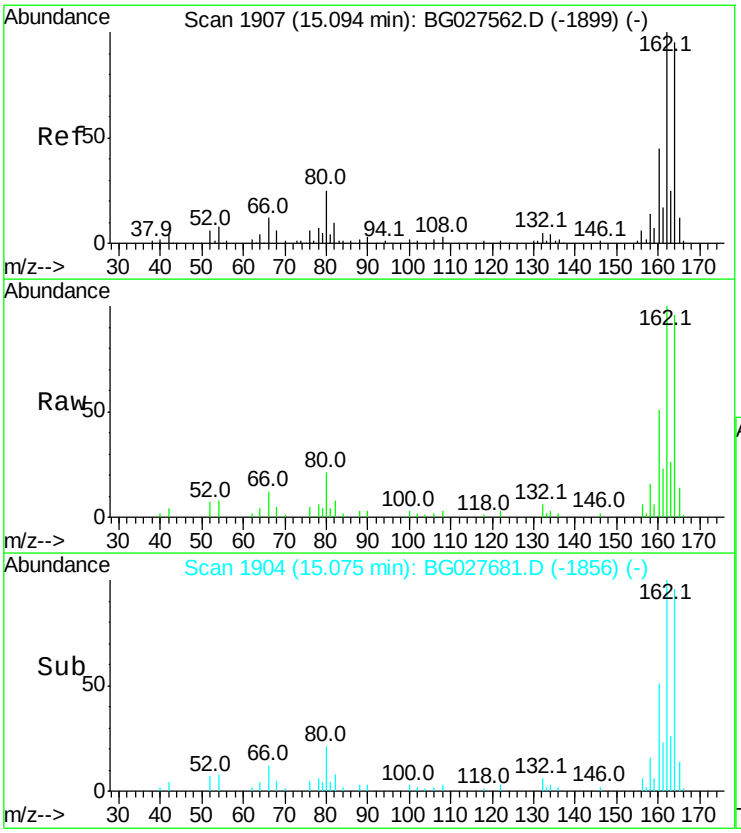
#23
Nitrobenzene-d5
Concen: 91.90 ng
RT: 9.65 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Tgt Ion: 82 Resp: 61685

Ion	Ratio	Lower	Upper
82	100		
128	35.7	26.4	39.6
54	56.3	49.4	74.2

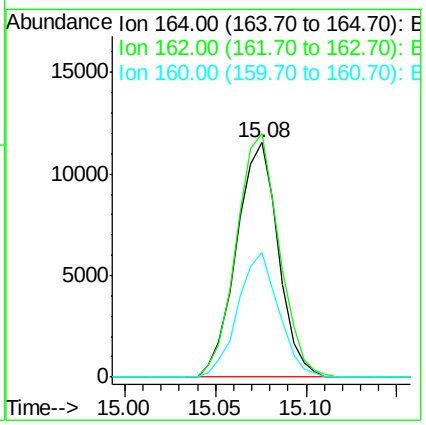


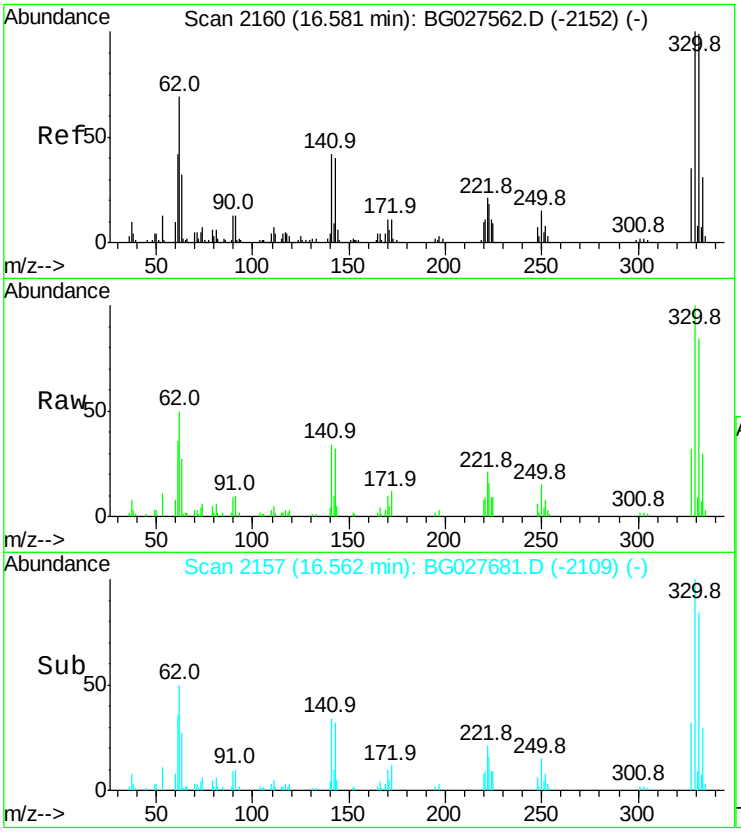


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.08 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Tgt Ion:164 Resp: 18482

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.1	127.7
160	53.2	34.7	52.1#



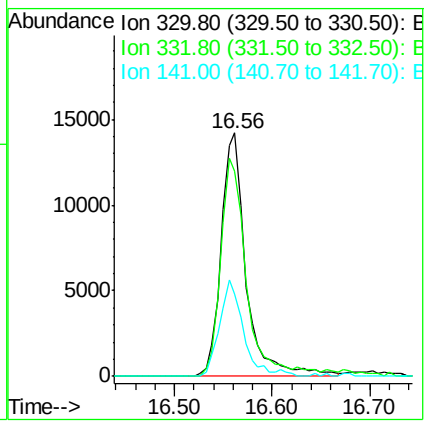


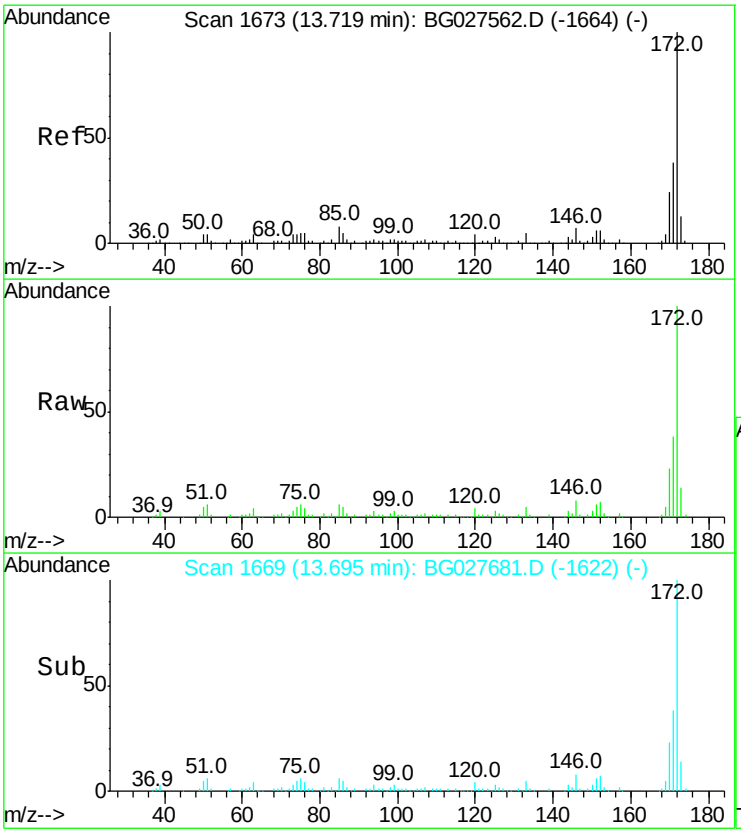
#41
2,4,6-Tribromophenol
Concen: 91.41 ng
RT: 16.56 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Tgt Ion:330 Resp: 25188

Ion	Ratio	Lower	Upper
330	100		
332	89.8	77.3	115.9
141	36.7	32.1	48.1

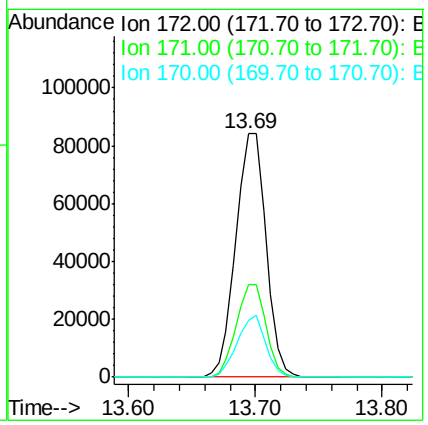


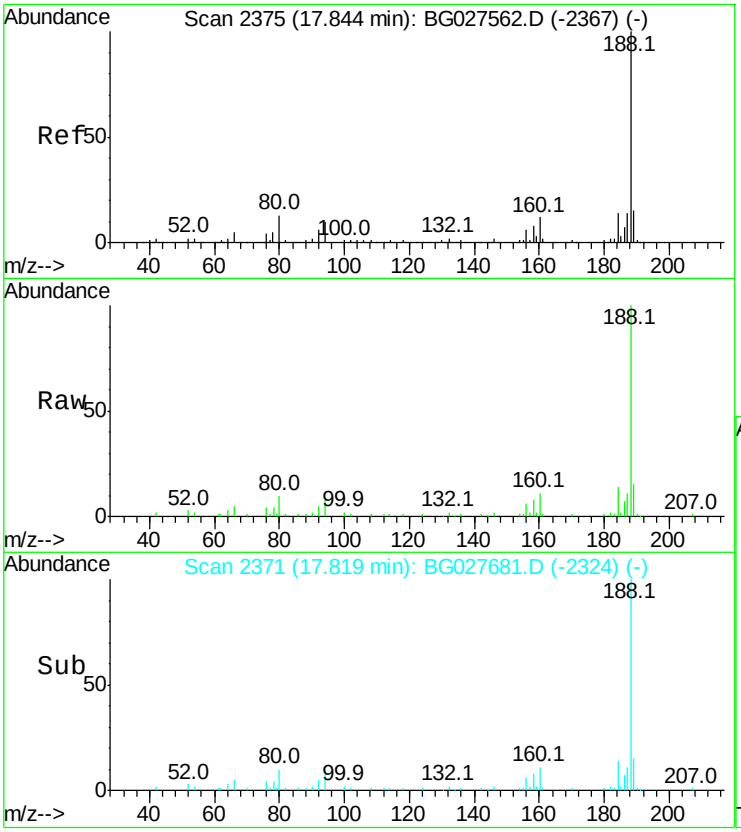


#44
2-Fluorobiphenyl
Concen: 102.80 ng
RT: 13.69 min Scan# 1669
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Tgt Ion:172 Resp: 139084

Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	23.3	21.8	32.6



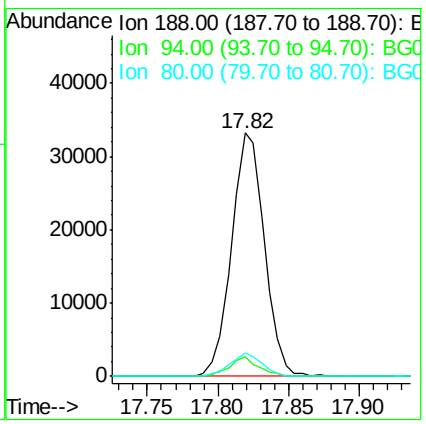


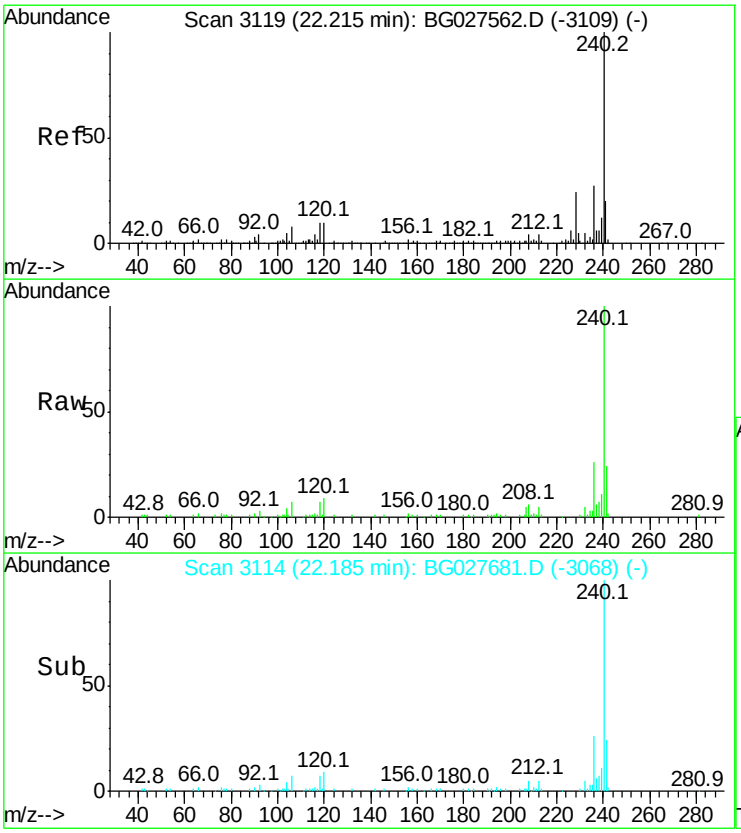
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Tgt Ion:188 Resp: 53706

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.8	8.8
80	9.6	7.5	11.3

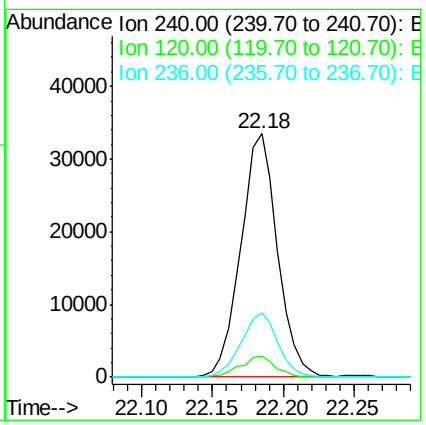


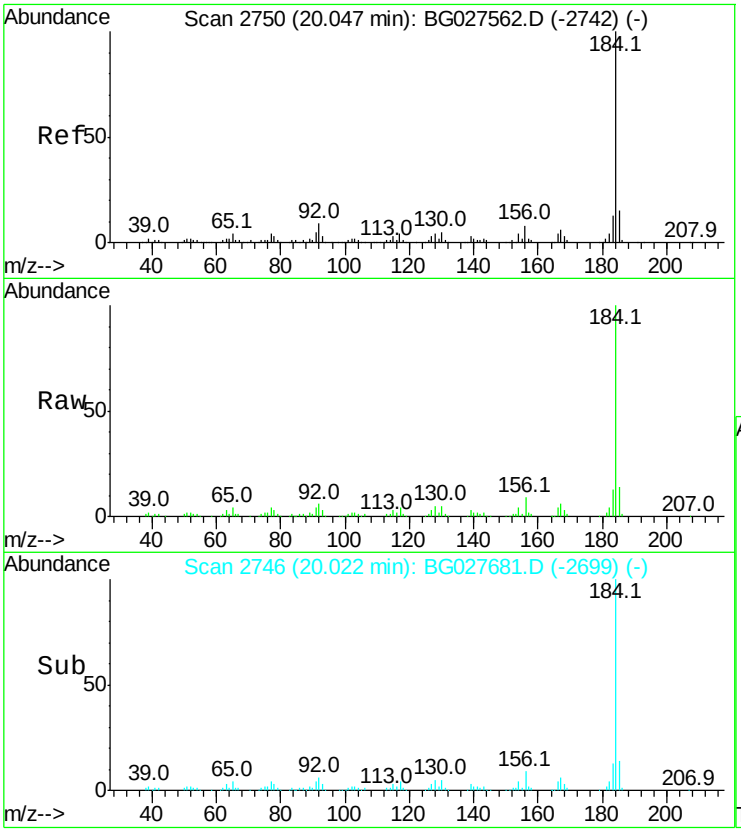


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3114
Delta R.T. -0.03 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Tgt Ion:240 Resp: 60899

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



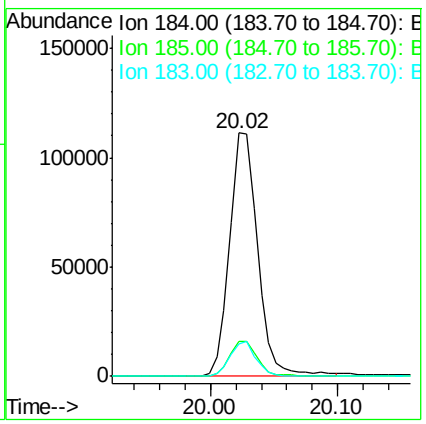


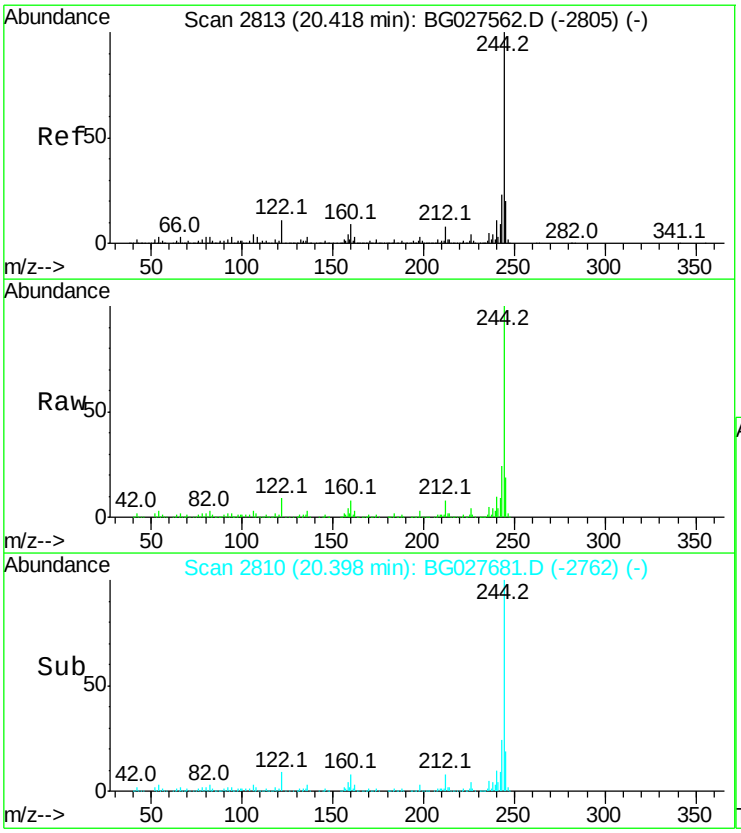
#76
Benzidine
Concen: 114.34 ng
RT: 20.02 min Scan# 2746
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Tgt Ion:184 Resp: 170906

Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.0	19.6
183	13.3	11.0	16.6

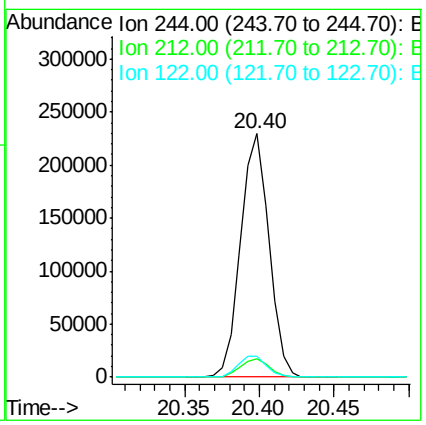


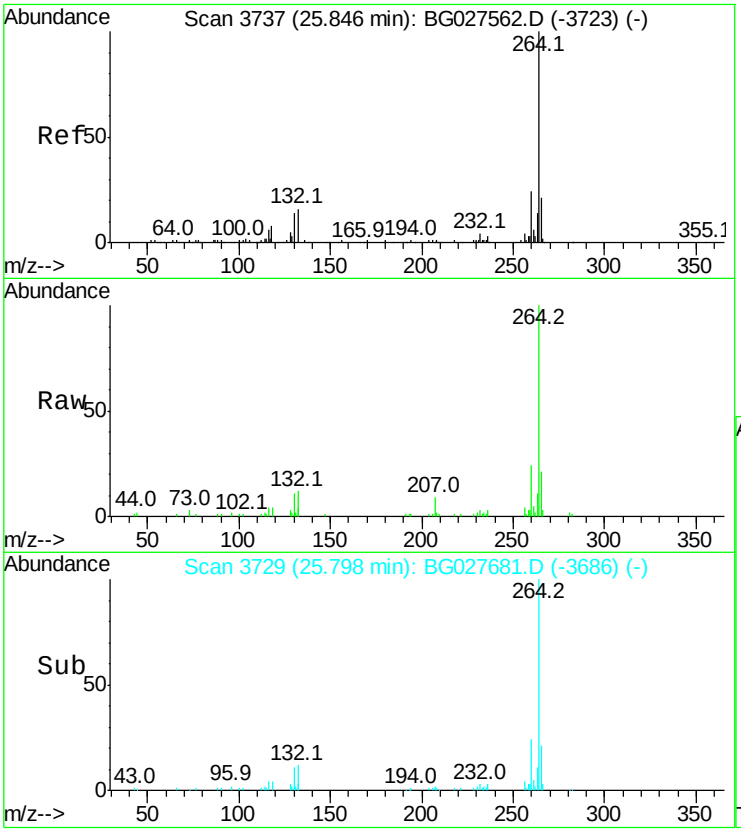


#78
Terphenyl-d14
Concen: 116.56 ng
RT: 20.40 min Scan# 2810
Delta R.T. -0.02 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Tgt Ion:244 Resp: 301272

Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	8.5	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.80 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG027681.D
Acq: 26 Jun 2017 19:10

Instrument :
BNA_G
ClientSampleId :
TL-WTP-01

Tgt Ion:264 Resp: 59191

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.0	18.2	27.4