Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070317\
Data File : BG027841.D
Acq On : 3 Jul 2017 20:52
Operator : SJ/JU
Sample : I3997-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 04 05:50:33 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	26948	20.00	ng		-0.03
21) Naphthalene-d8	11.27	136	127990	20.00	ng		-0.02
38) Acenaphthene-d10	15.04	164	83390	20.00	ng		-0.02
63) Phenanthrene-d10	17.79	188	223225	20.00	ng		-0.02
75) Chrysene-d12	22.14	240	235976	20.00	ng		-0.04
86) Perylene-d12	25.73	264	236579	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.03	112	205323	117.33	ng		-0.02
7) Phenol-d6	7.60	99	281296	105.22	ng		-0.02
23) Nitrobenzene-d5	9.62	82	165638	72.14	ng		-0.02
41) 2,4,6-Tribromophenol	16.53	330	168269	147.12	ng		-0.02
44) 2-Fluorobiphenyl	13.67	172	430592	73.74	ng		-0.02
78) Terphenyl-d14	20.37	244	773669	76.86	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.63	94	5694	2.15	ng		88
49) Dimethylphthalate	14.48	163	106408	14.96	ng		96
76) Benzidine	19.92	184	57	3.23	ng	#	64

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

Quantitation Report (Not Reviewed)

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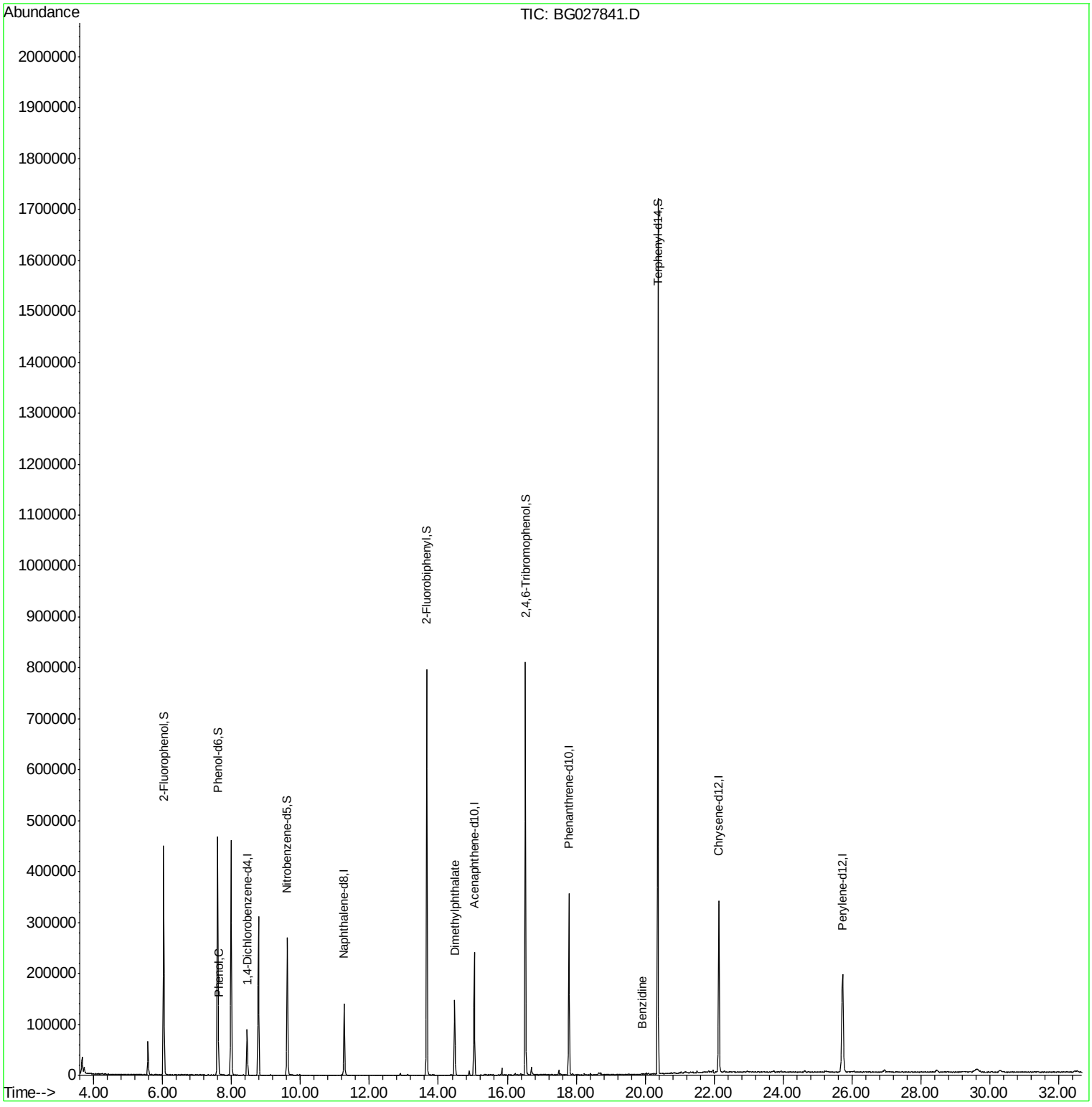
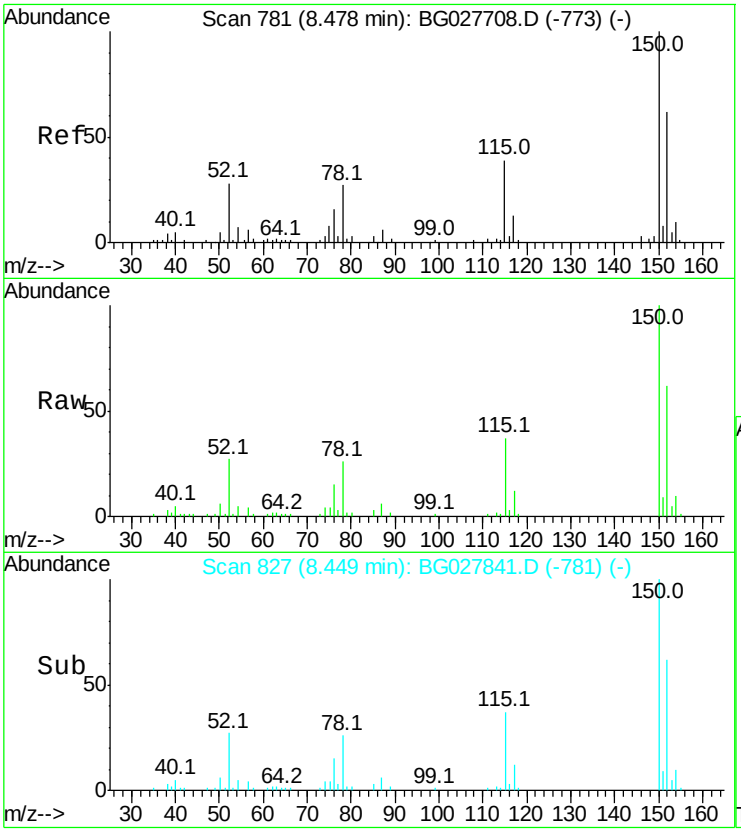


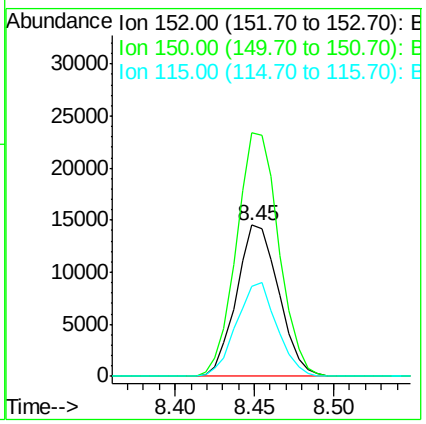


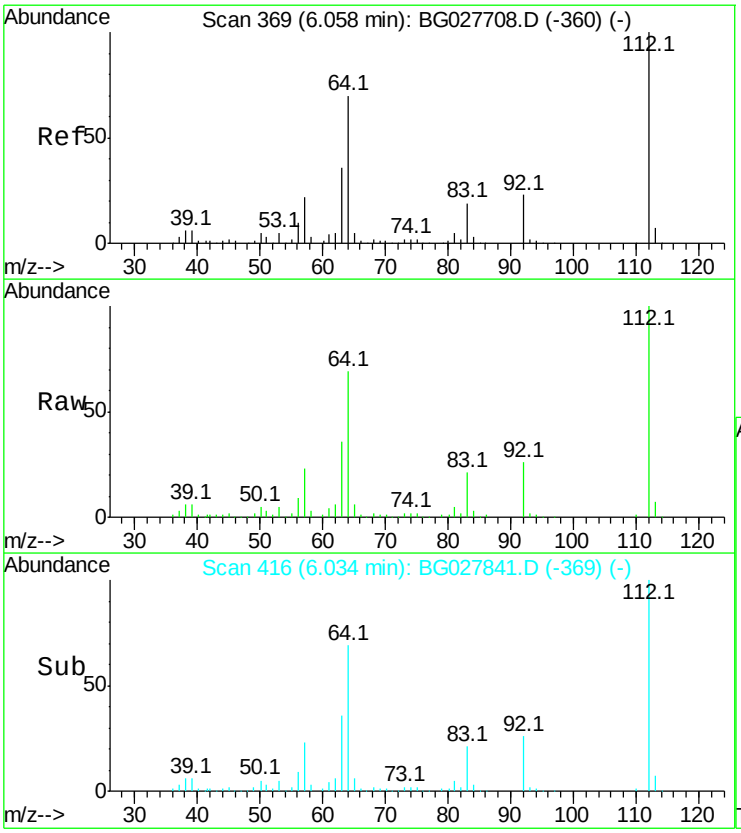
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.45 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 26948

Ion	Ratio	Lower	Upper
152	100		
150	161.0	114.0	171.0
115	59.7	48.1	72.1

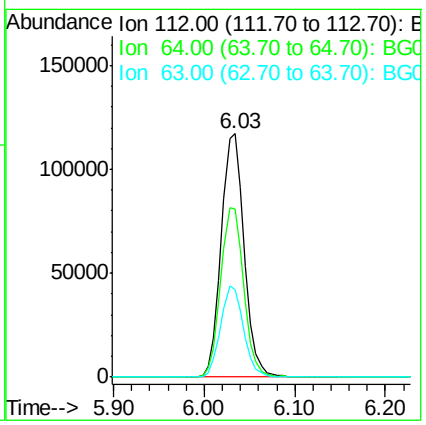


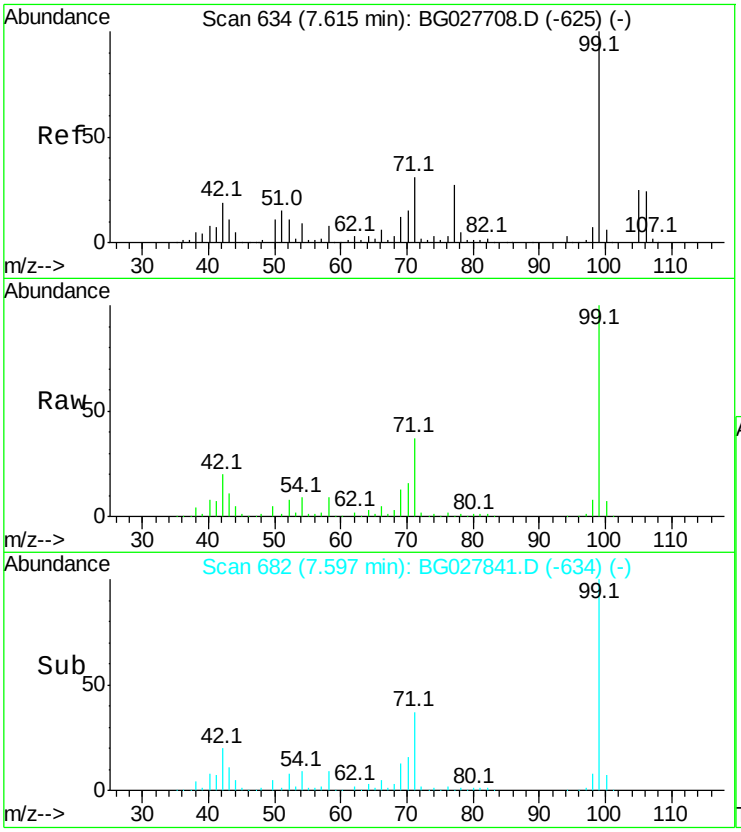


#5
2-Fluorophenol
Concen: 117.33 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Tgt Ion:112 Resp: 205323

Ion	Ratio	Lower	Upper
112	100		
64	68.9	61.8	92.6
63	36.0	37.2	55.8#



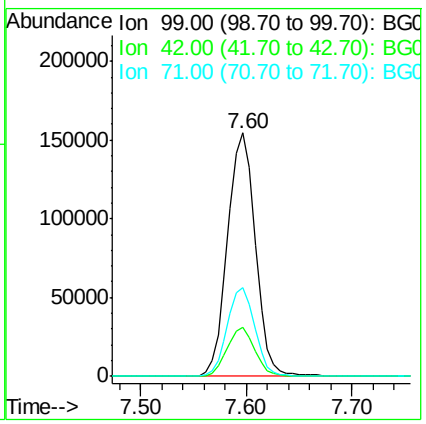


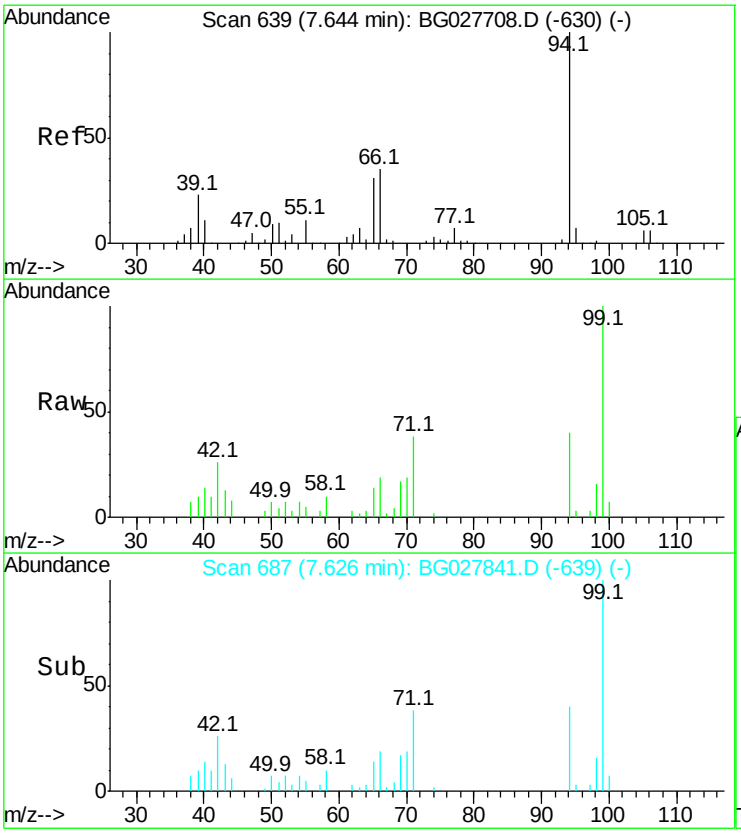
#7
Phenol-d6
Concen: 105.22 ng
RT: 7.60 min Scan# 682
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 281296

Ion	Ratio	Lower	Upper
99	100		
42	20.1	20.5	30.7#
71	36.7	37.6	56.4#

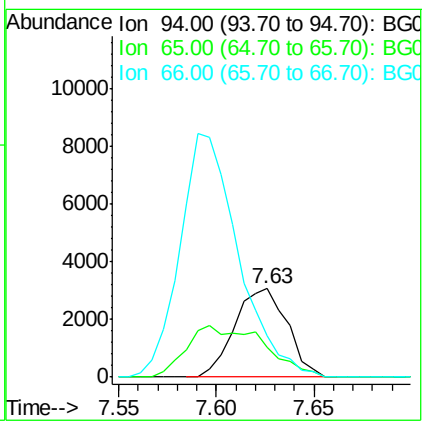


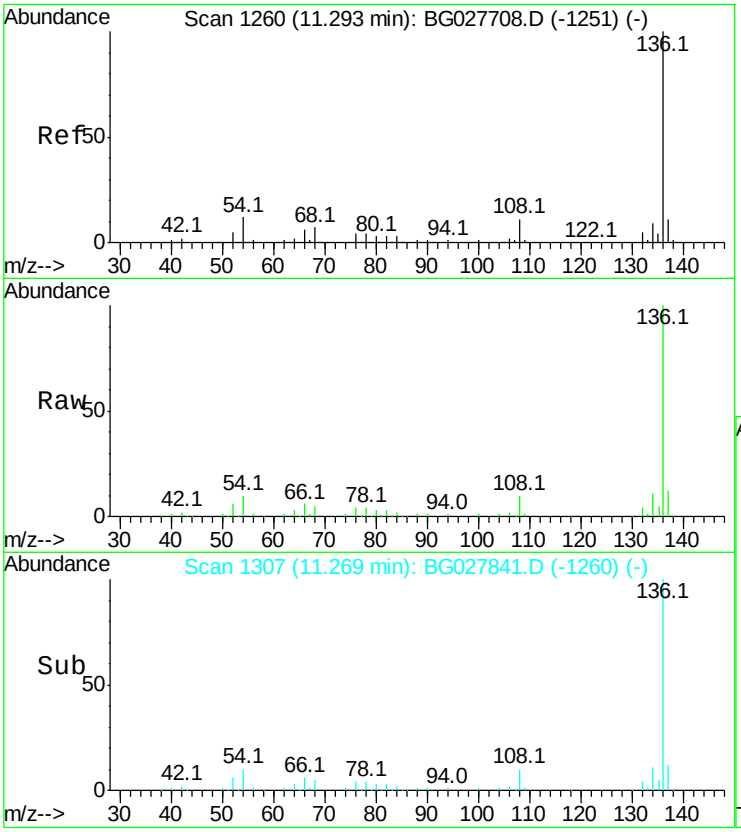


#10
Phenol
Concen: 2.15 ng
RT: 7.63 min Scan# 687
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Tgt Ion: 94 Resp: 5694

Ion	Ratio	Lower	Upper
94	100		
65	33.4	20.6	60.6
66	47.0	35.5	75.5



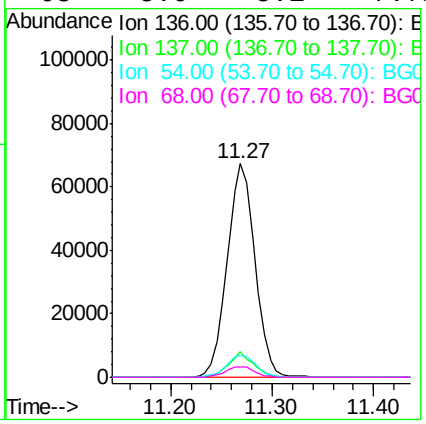


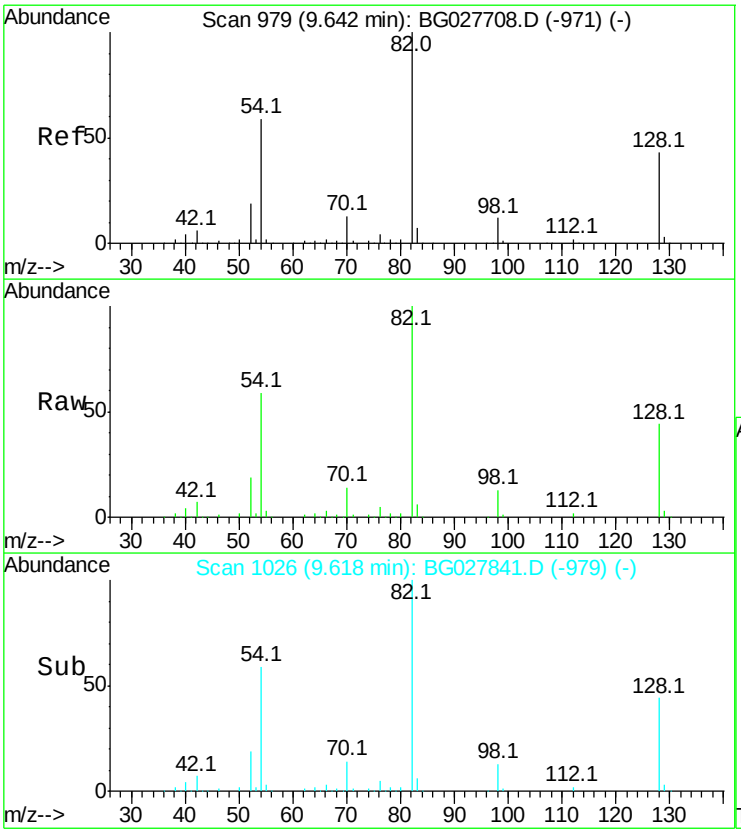
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.27 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 127990

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	10.5	9.3	13.9
68	5.0	5.1	7.7#

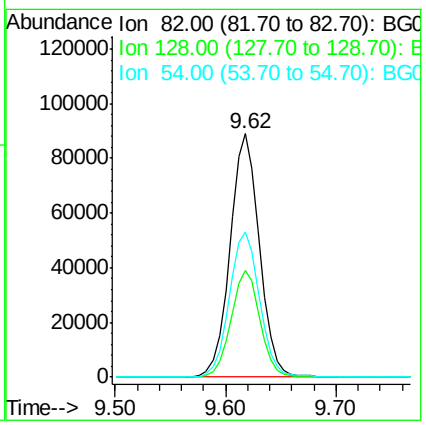


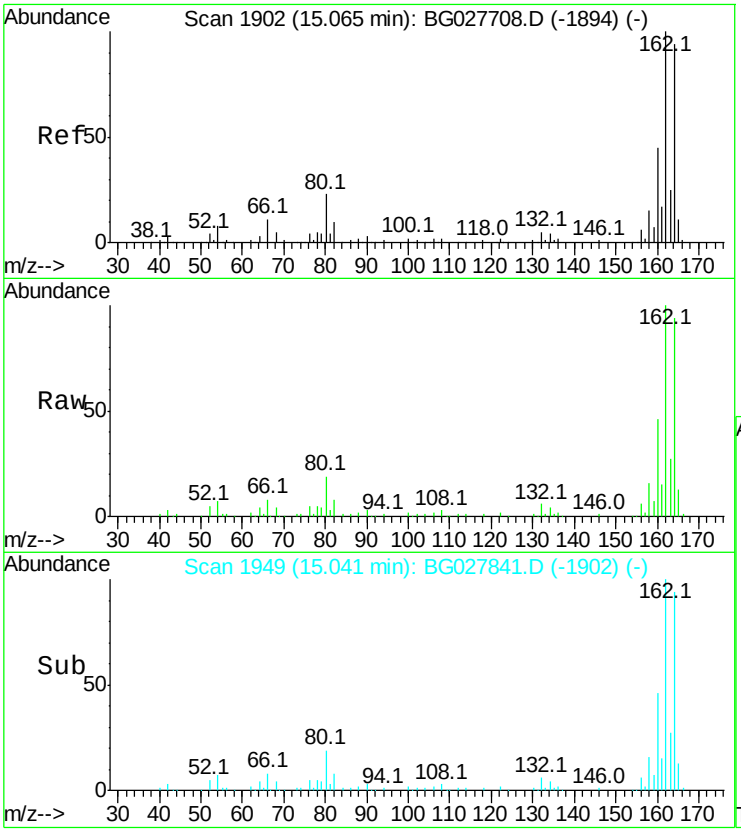


#23
Nitrobenzene-d5
Concen: 72.14 ng
RT: 9.62 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Tgt Ion: 82 Resp: 165638

Ion	Ratio	Lower	Upper
82	100		
128	43.6	26.4	39.6#
54	59.5	49.4	74.2



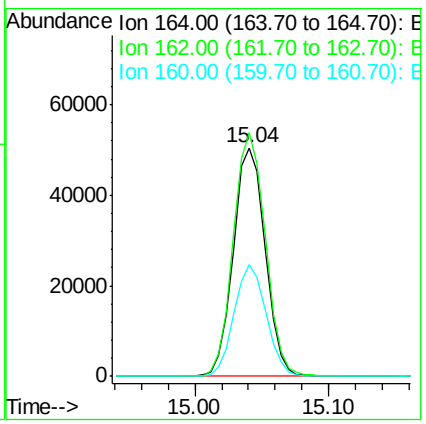


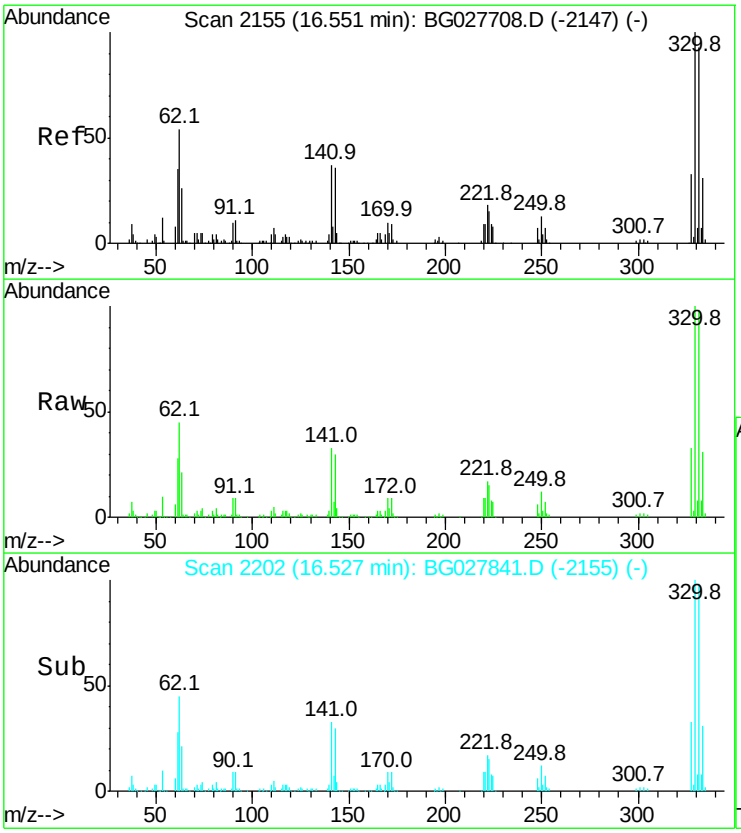
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.04 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 83390

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.1	127.7
160	49.2	34.7	52.1

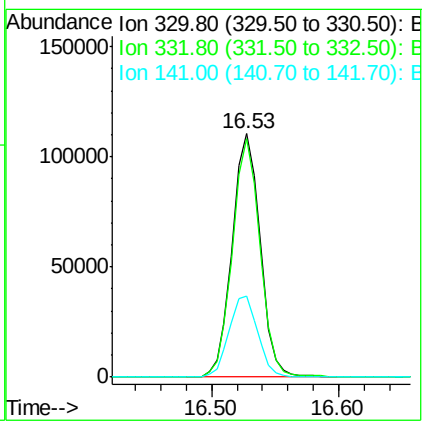


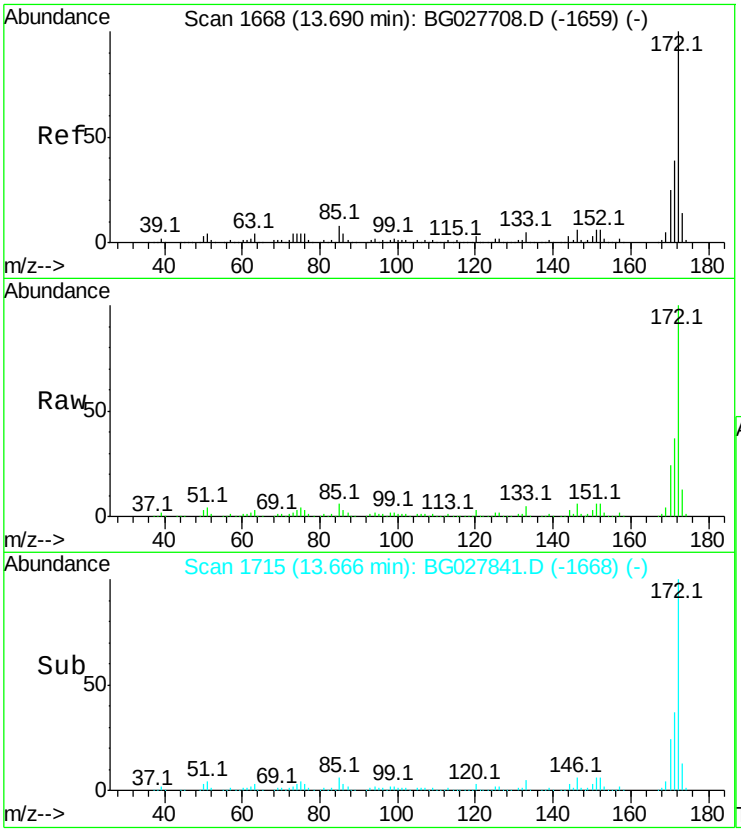


#41
2,4,6-Tribromophenol
Concen: 147.12 ng
RT: 16.53 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Tgt Ion:330 Resp: 168269

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	34.5	32.1	48.1



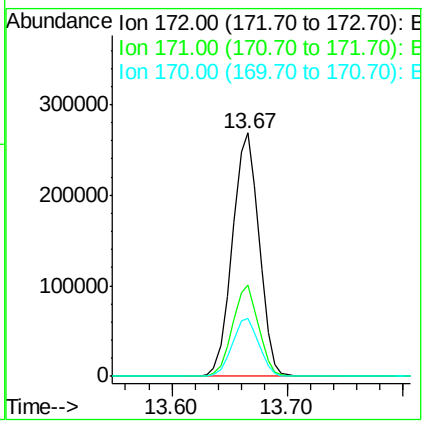


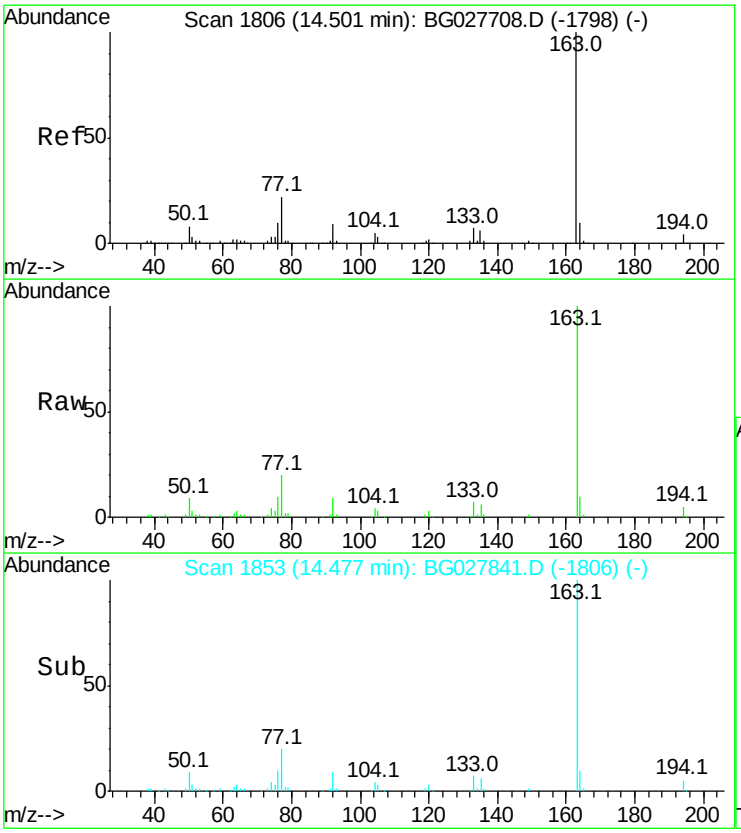
#44
2-Fluorobiphenyl
Concen: 73.74 ng
RT: 13.67 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 430592

Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	24.1	21.8	32.6

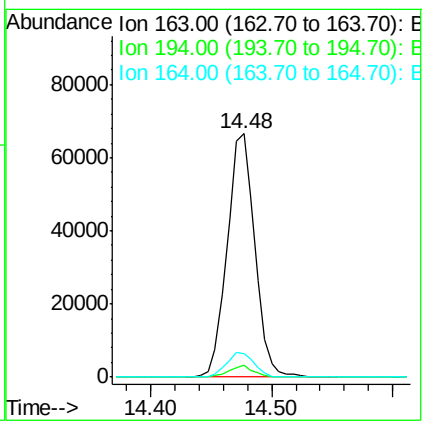


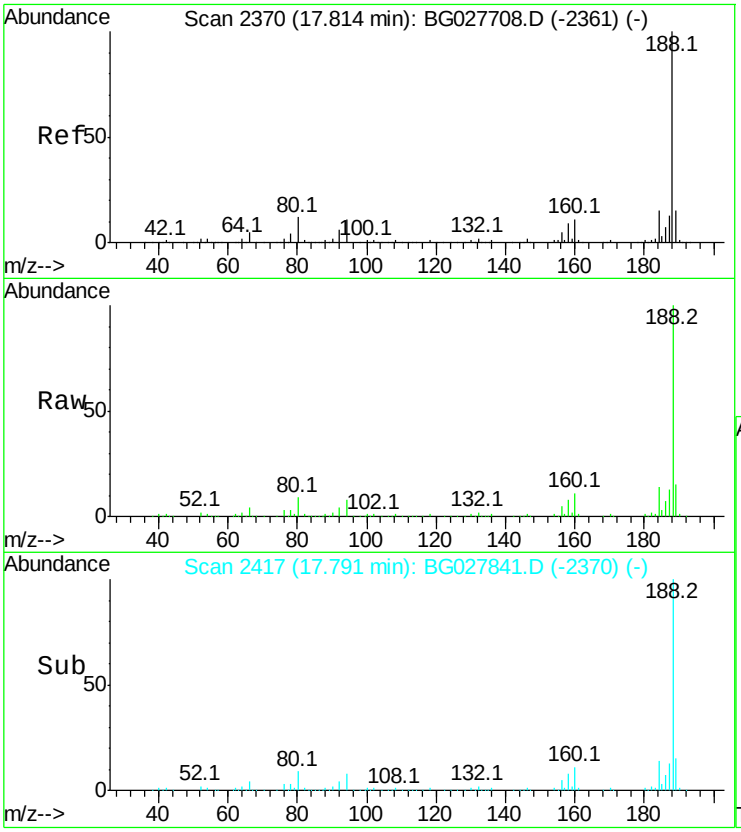


#49
Dimethylphthalate
Concen: 14.96 ng
RT: 14.48 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Tgt Ion:163 Resp: 106408

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.6
164	9.7	9.3	13.9



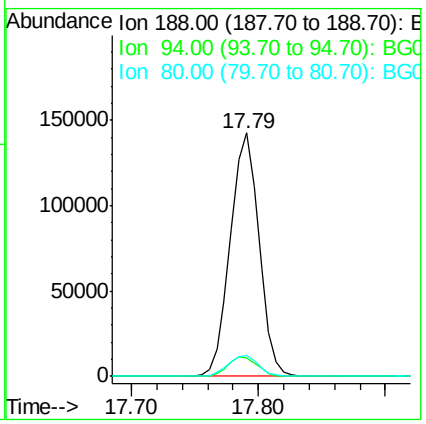


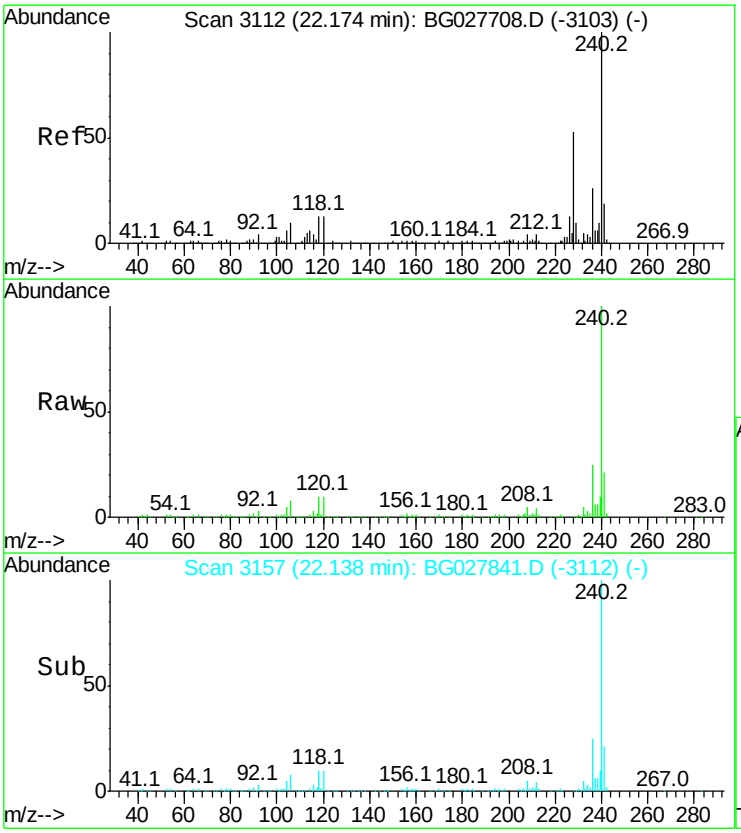
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 223225

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.8
80	8.8	7.5	11.3

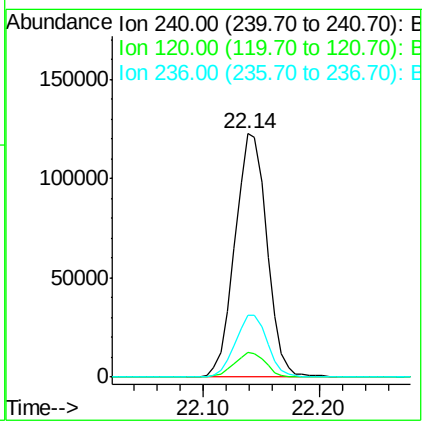


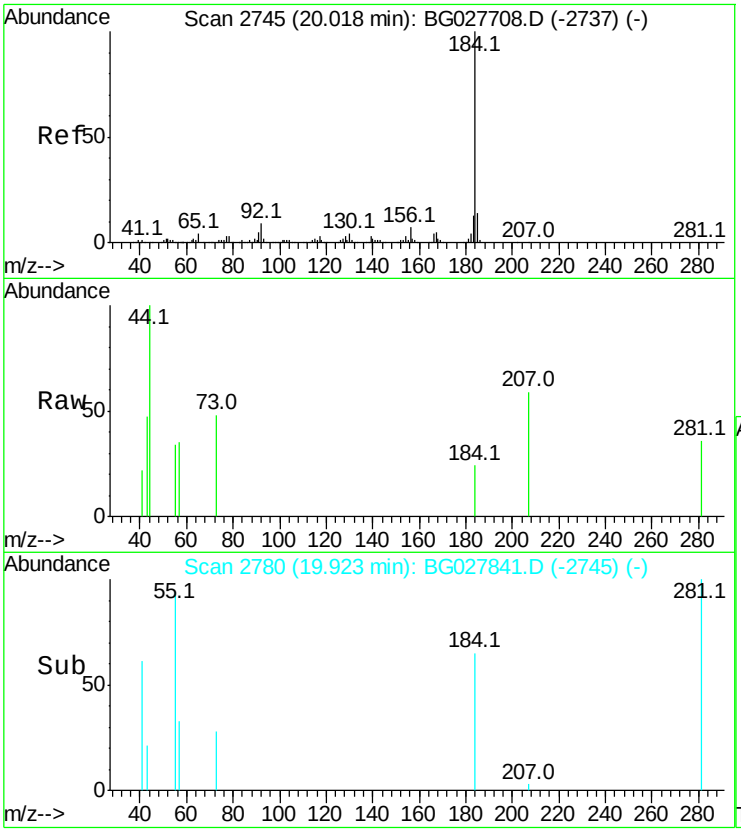


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.14 min Scan# 3157
Delta R.T. -0.04 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Tgt Ion:240 Resp: 235976

Ion	Ratio	Lower	Upper
240	100		
120	10.1	5.7	8.5#
236	25.5	22.2	33.4



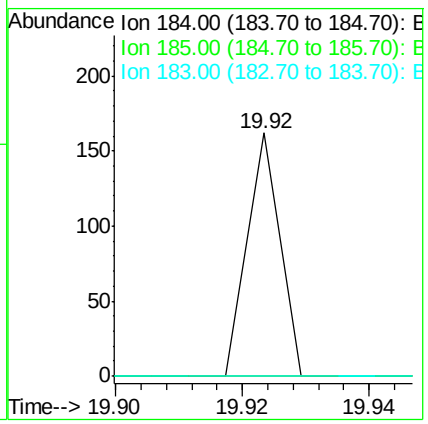


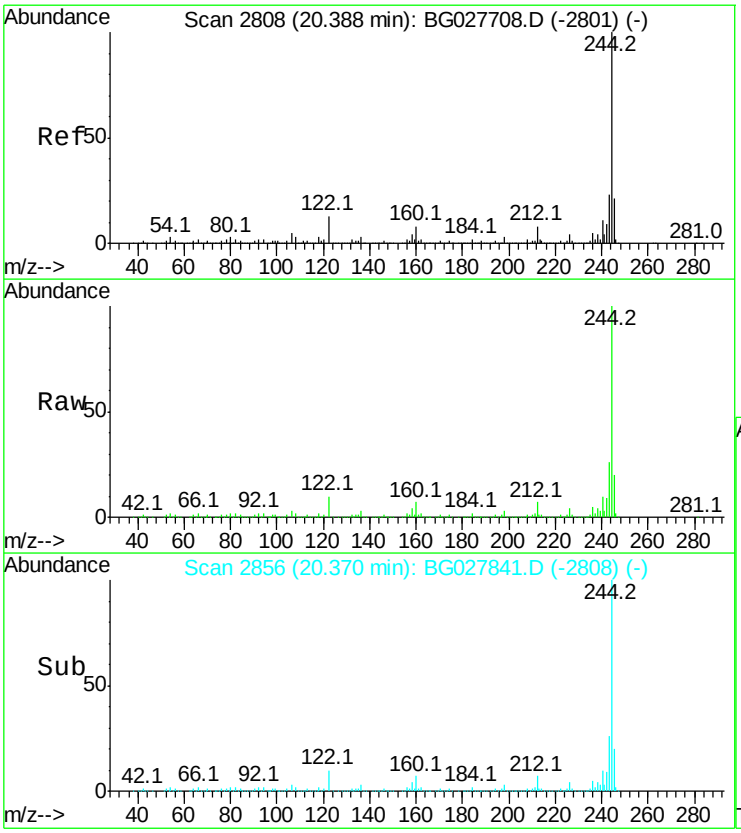
#76
Benzidine
Concen: 3.23 ng
RT: 19.92 min Scan# 2780
Delta R.T. -0.09 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 57

Ion	Ratio	Lower	Upper
184	100		
185	0.0	13.0	19.6#
183	0.0	11.0	16.6#

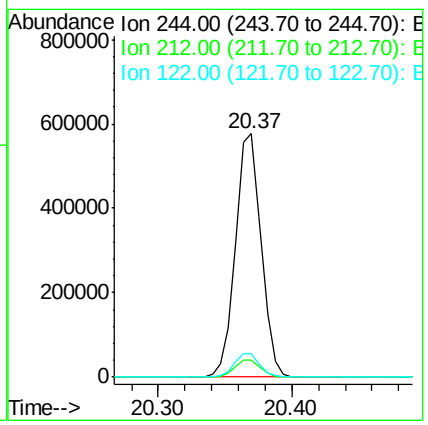


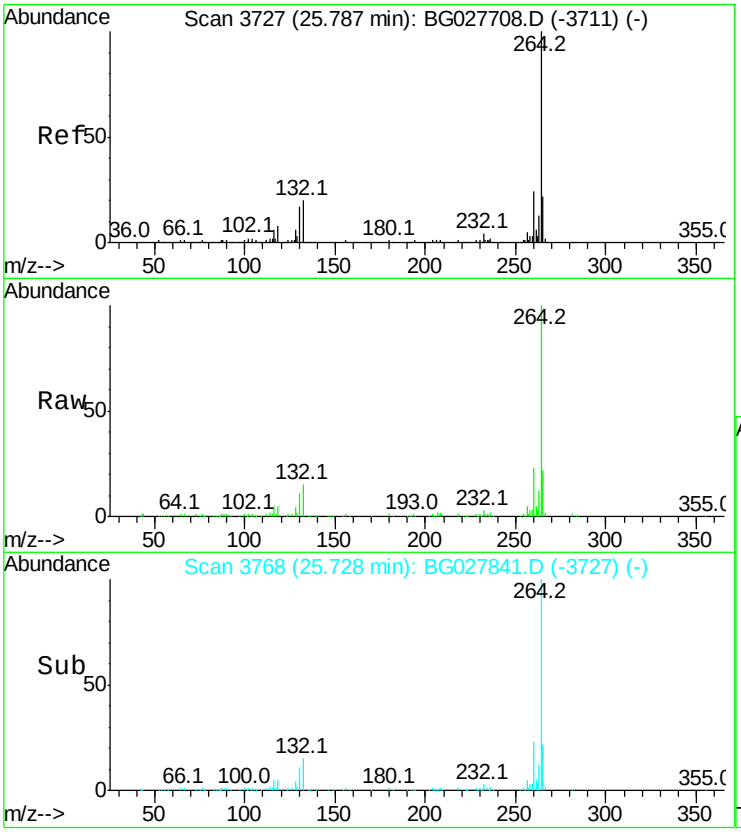


#78
Terphenyl-d14
Concen: 76.86 ng
RT: 20.37 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Tgt Ion:244 Resp: 773669

Ion	Ratio	Lower	Upper
244	100		
212	7.2	10.0	15.0#
122	9.7	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.73 min Scan# 3768
Delta R.T. -0.06 min
Lab File: BG027841.D
Acq: 3 Jul 2017 20:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 236579

Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	22.2	18.2	27.4