Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
Data File : BG027877.D
Acq On : 7 Jul 2017 20:38
Operator : SJ/JU
Sample : I4063-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-01-070517-C

Quant Time: Jul 08 03:39:36 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 17:43:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	34914	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	153574	20.00	ng		0.00
38) Acenaphthene-d10	15.03	164	84714	20.00	ng		0.00
63) Phenanthrene-d10	17.78	188	224636	20.00	ng		0.00
75) Chrysene-d12	22.13	240	282092	20.00	ng		0.00
86) Perylene-d12	25.69	264	268688	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.01	112	305854	134.90	ng		0.00
7) Phenol-d6	7.58	99	365534	105.53	ng		0.00
23) Nitrobenzene-d5	9.59	82	238031	86.40	ng		0.00
41) 2,4,6-Tribromophenol	16.51	330	223646	192.48	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	611784	103.14	ng		0.00
78) Terphenyl-d14	20.36	244	1301034	108.12	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.30	128	23410	2.866	ng		99
37) 2-Methylnaphthalene	12.88	142	13909	2.287	ng	#	90

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

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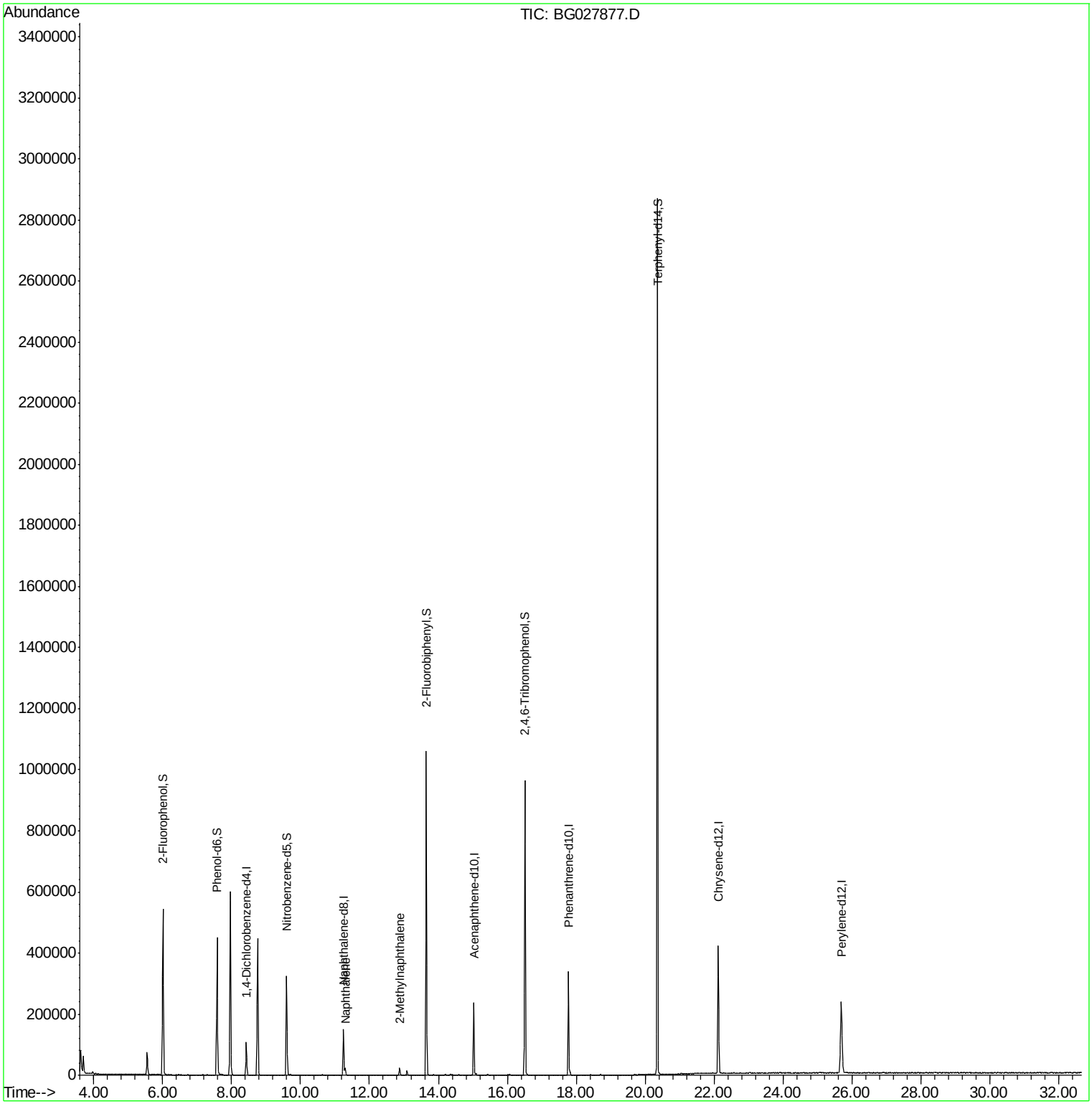
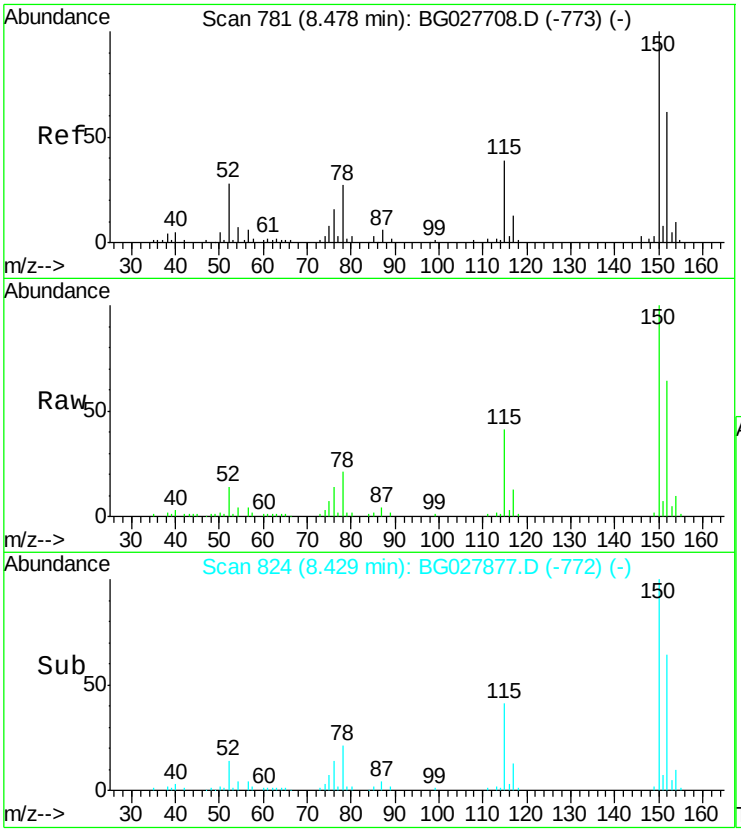


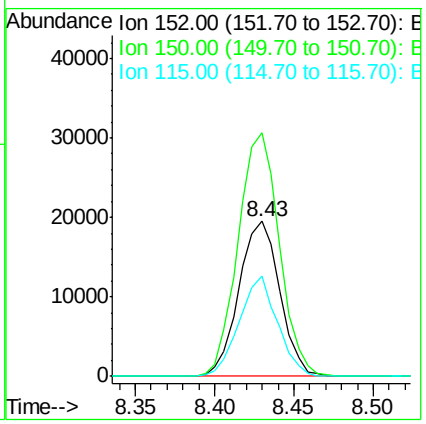


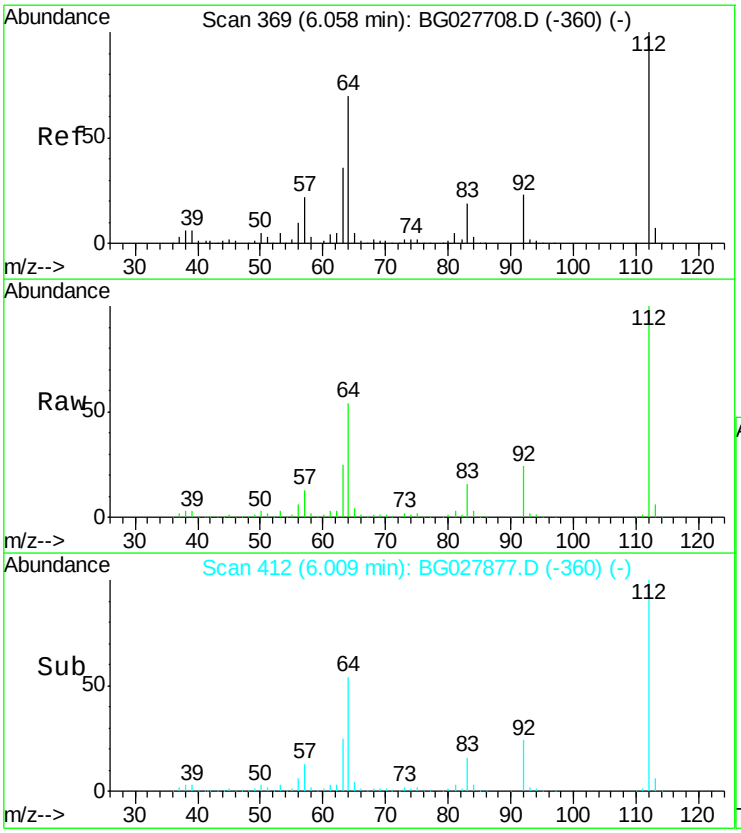
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.43 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Instrument :
BNA_G
ClientSampleId :
NB-01-070517-C

Tgt Ion:152 Resp: 34914

Ion	Ratio	Lower	Upper
152	100		
150	157.1	114.0	171.0
115	65.0	48.1	72.1

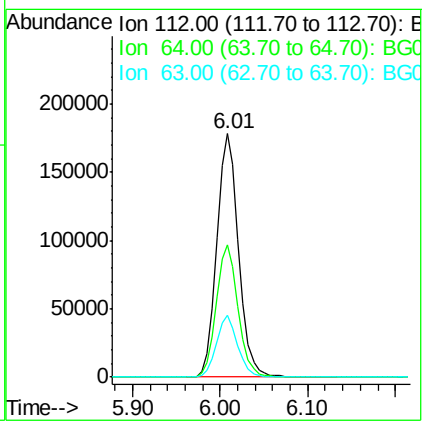


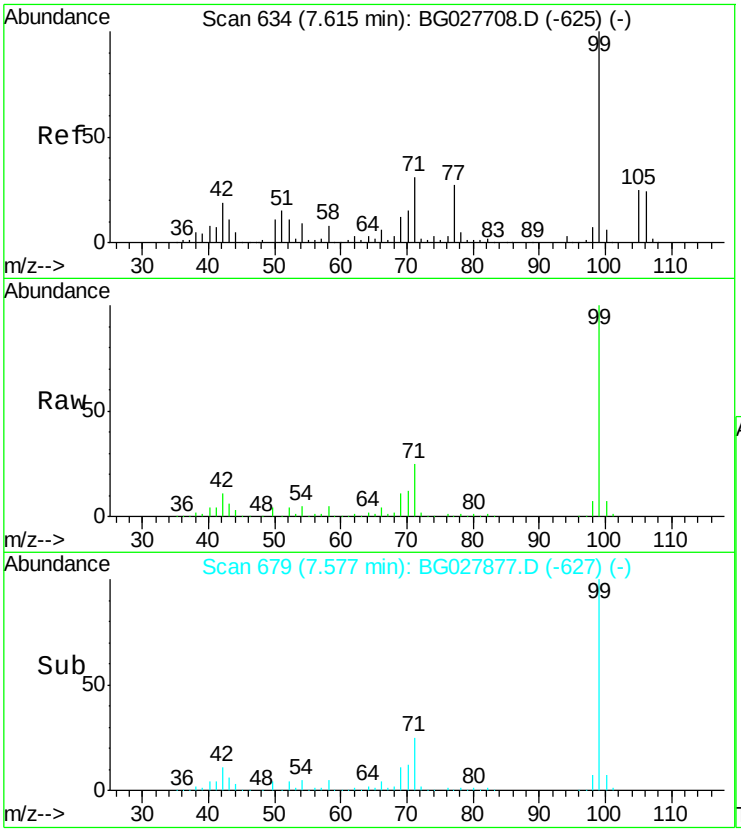


#5
2-Fluorophenol
Concen: 134.899 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Tgt Ion:112 Resp: 305854

Ion	Ratio	Lower	Upper
112	100		
64	54.2	61.8	92.6#
63	25.4	37.2	55.8#



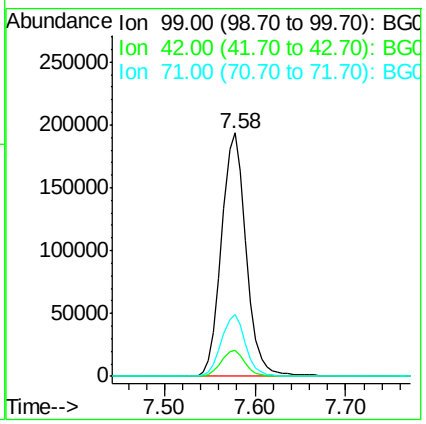


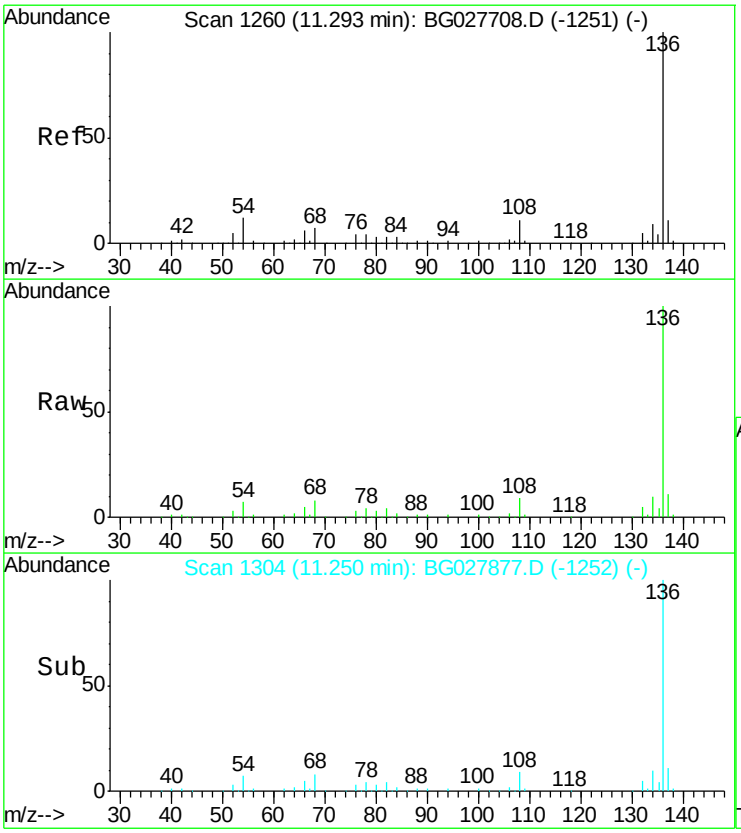
#7
Phenol-d6
Concen: 105.533 ng
RT: 7.58 min Scan# 679
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Instrument :
BNA_G
ClientSampleId :
NB-01-070517-C

Tgt Ion: 99 Resp: 365534

Ion	Ratio	Lower	Upper
99	100		
42	10.6	20.5	30.7#
71	25.2	37.6	56.4#

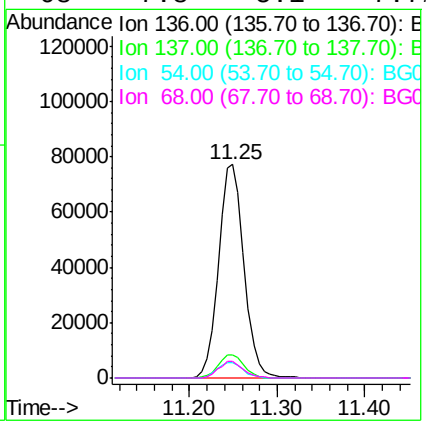


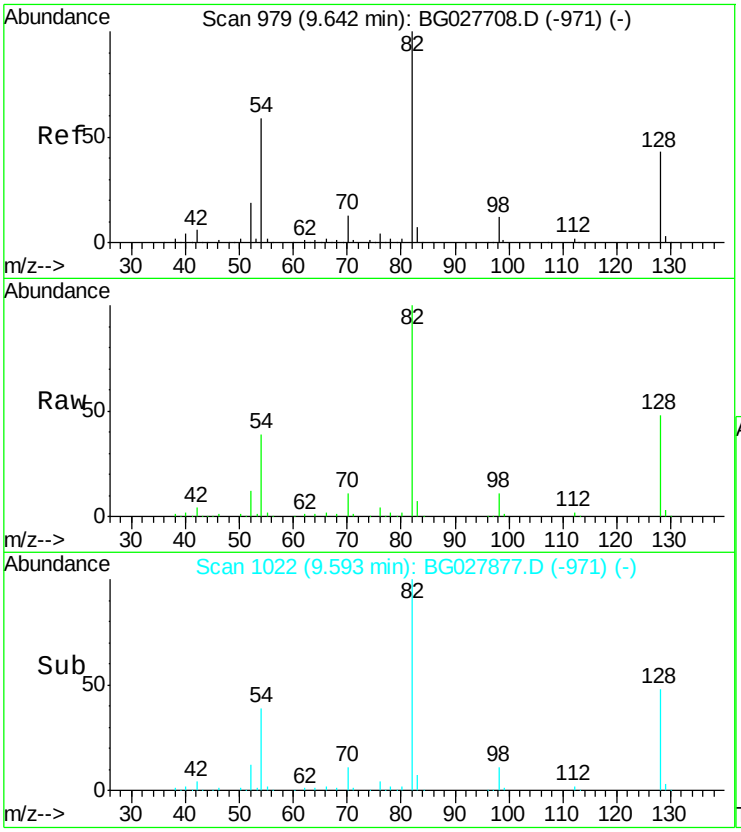


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.25 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Tgt Ion:136 Resp: 153574

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	9.3	13.9#
68	7.8	5.1	7.7#



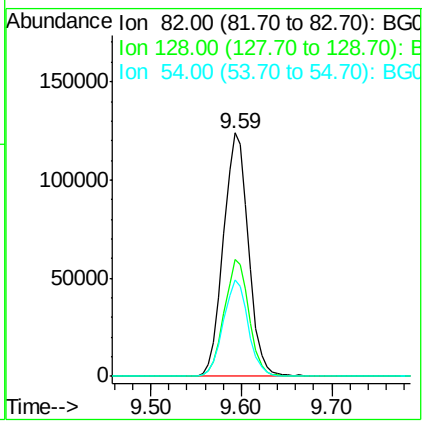


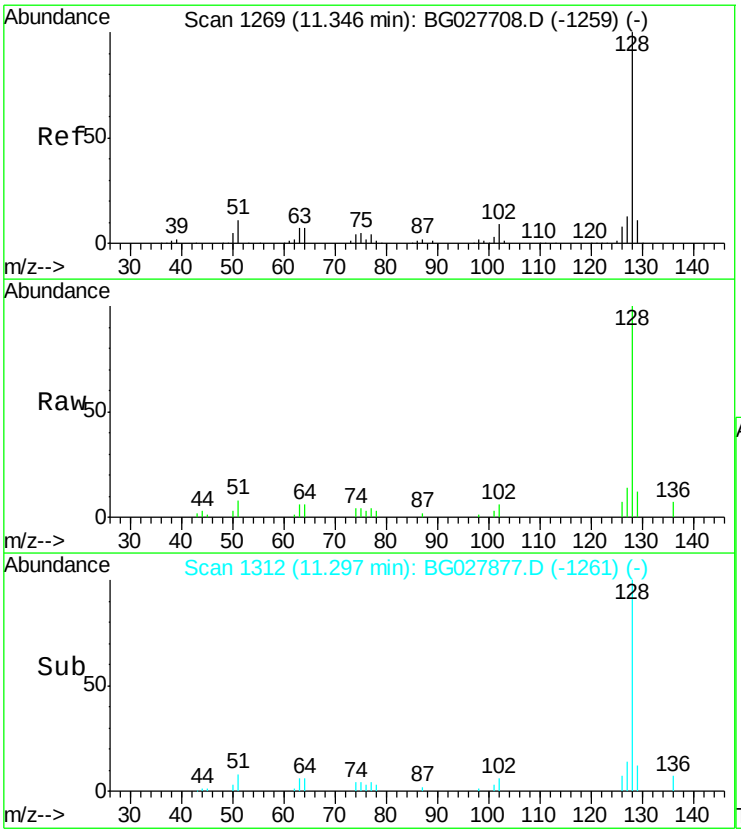
#23
Nitrobenzene-d5
Concen: 86.395 ng
RT: 9.59 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Instrument :
BNA_G
ClientSampleId :
NB-01-070517-C

Tgt Ion: 82 Resp: 238031

Ion	Ratio	Lower	Upper
82	100		
128	48.0	26.4	39.6#
54	39.5	49.4	74.2#

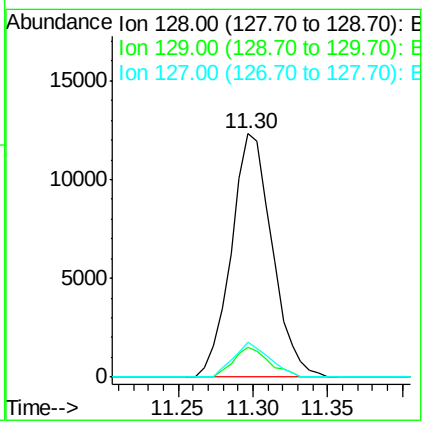


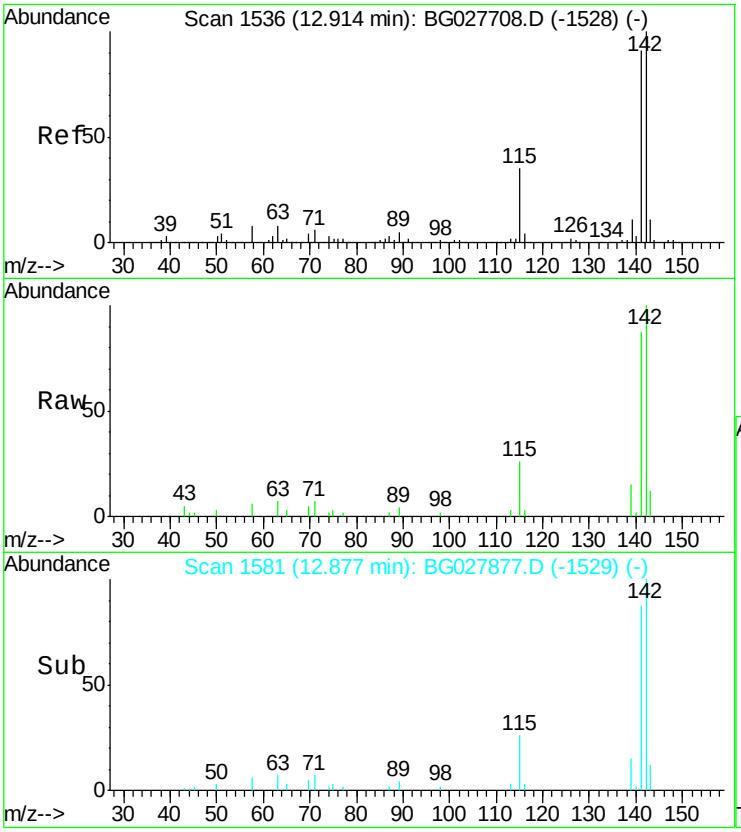


#31
Naphthalene
Concen: 2.866 ng
RT: 11.30 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Tgt Ion:128 Resp: 23410

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.3	13.9
127	14.2	11.4	17.0



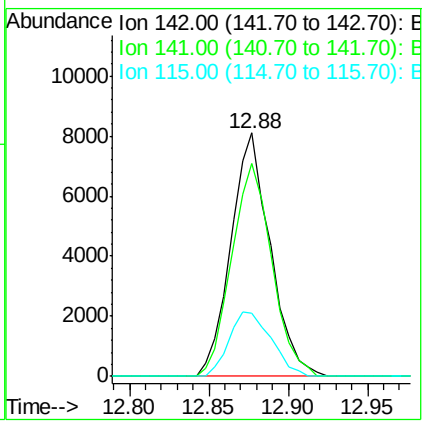


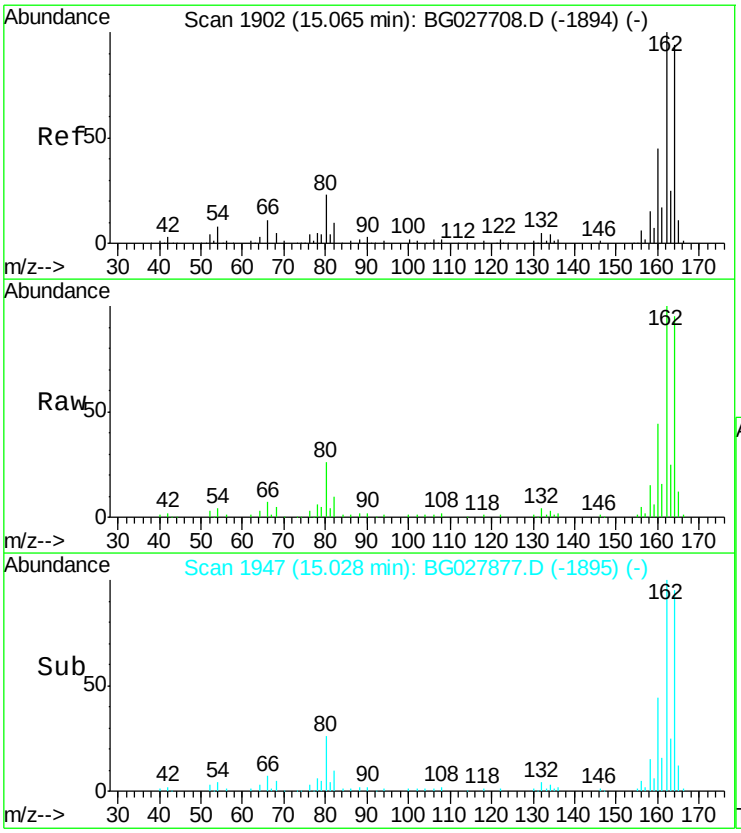
#37
2-Methylnaphthalene
Concen: 2.287 ng
RT: 12.88 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Instrument :
BNA_G
ClientSampleId :
NB-01-070517-C

Tgt Ion:142 Resp: 13909

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	26.0	35.5	53.3#

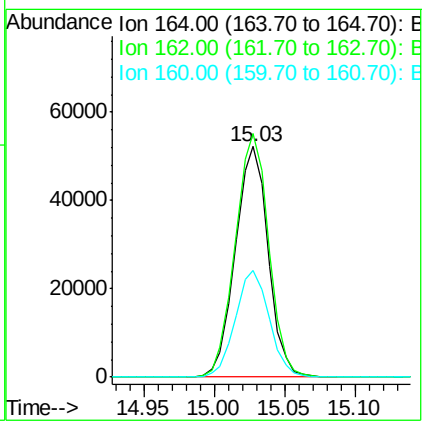


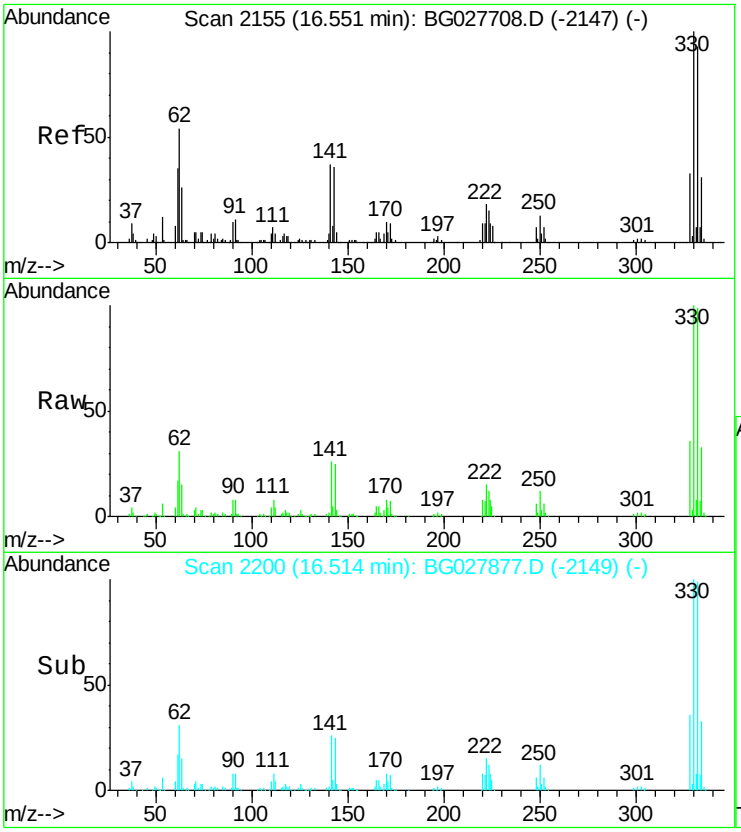


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Tgt Ion:164 Resp: 84714

Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.1	127.7
160	46.3	34.7	52.1



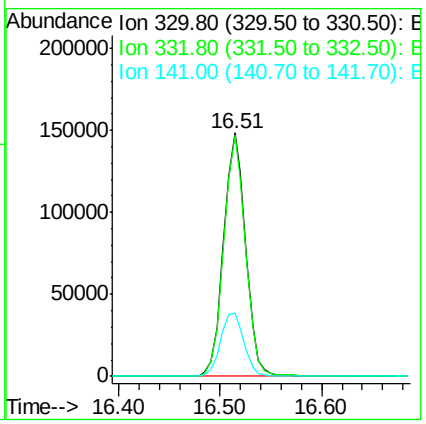


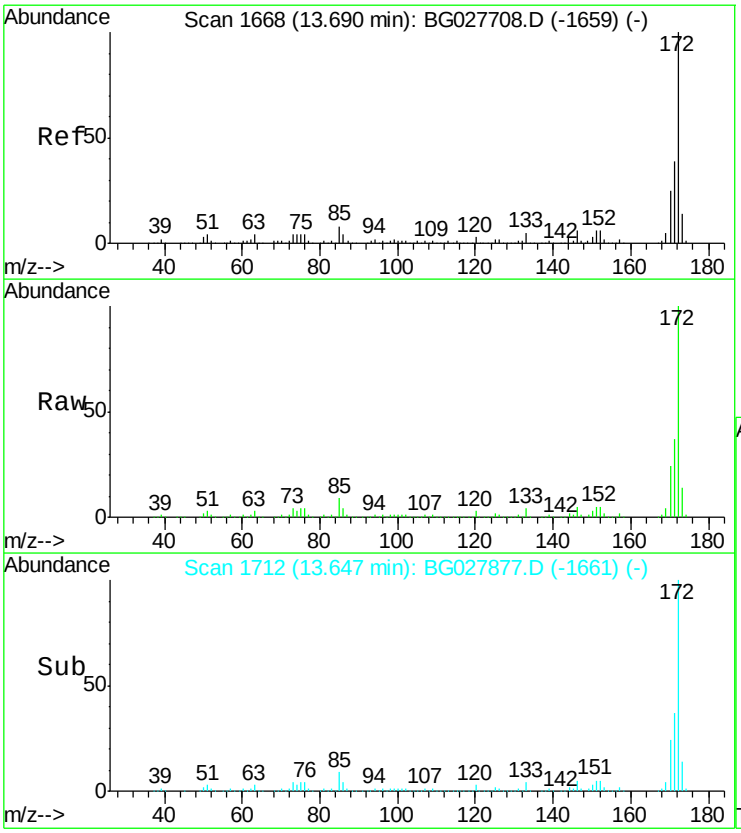
#41
2,4,6-Tribromophenol
Concen: 192.476 ng
RT: 16.51 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Instrument :
BNA_G
ClientSampleId :
NB-01-070517-C

Tgt Ion:330 Resp: 223646

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	28.0	32.1	48.1#

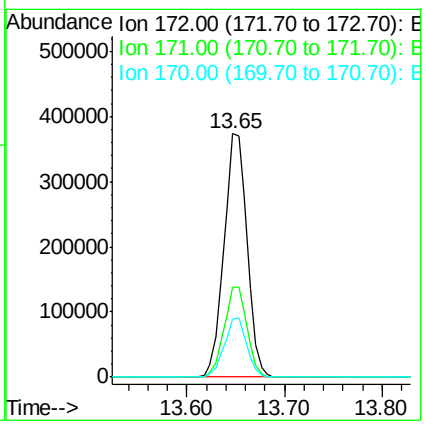


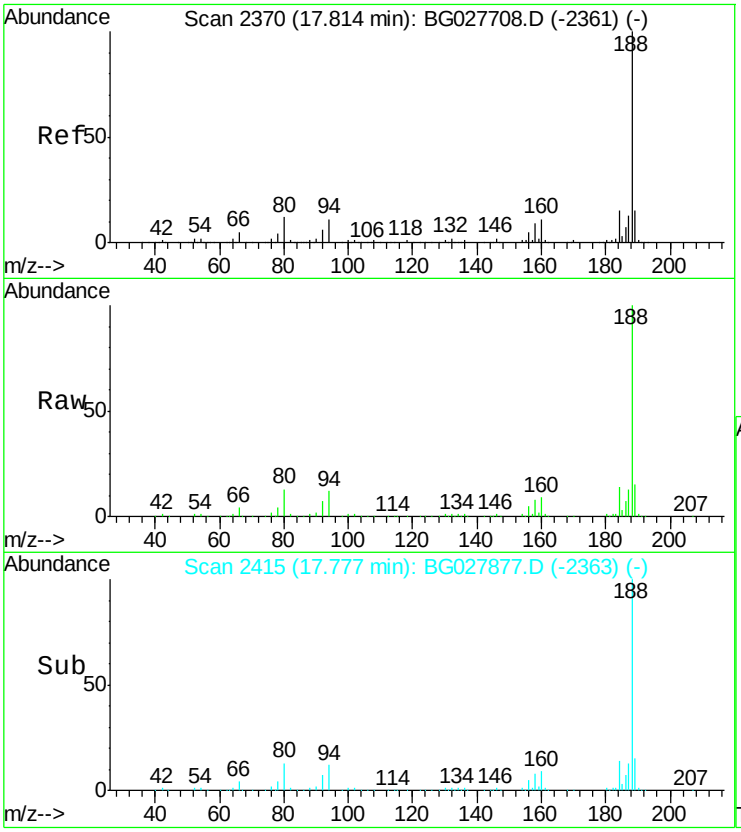


#44
2-Fluorobiphenyl
Concen: 103.139 ng
RT: 13.65 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Tgt Ion:172 Resp: 611784

Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	23.7	21.8	32.6



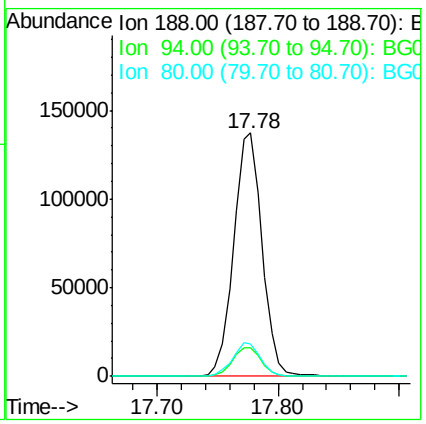


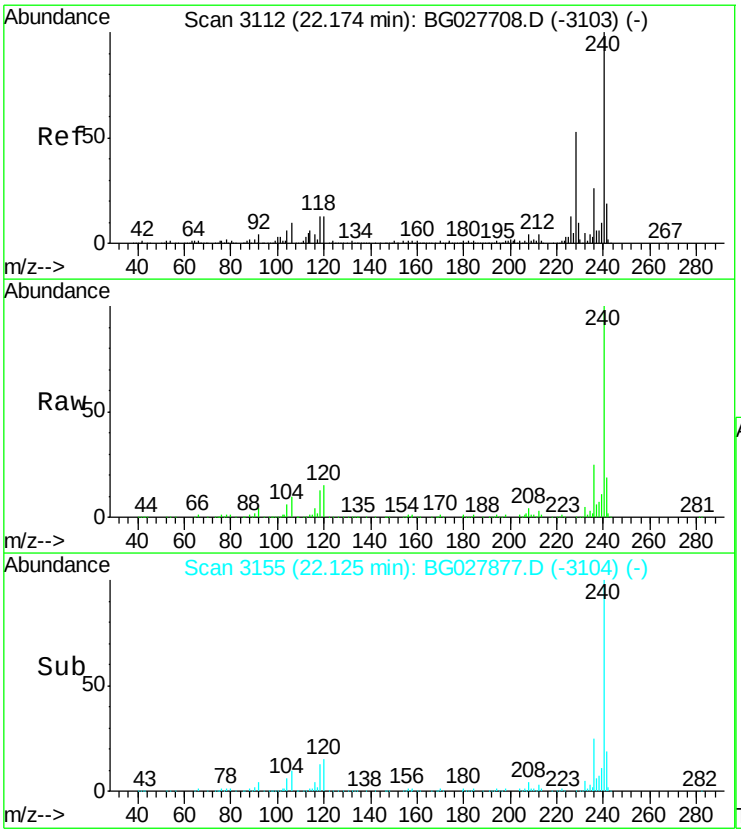
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Instrument :
BNA_G
ClientSampleId :
NB-01-070517-C

Tgt Ion:188 Resp: 224636

Ion	Ratio	Lower	Upper
188	100		
94	11.9	5.8	8.8#
80	13.3	7.5	11.3#

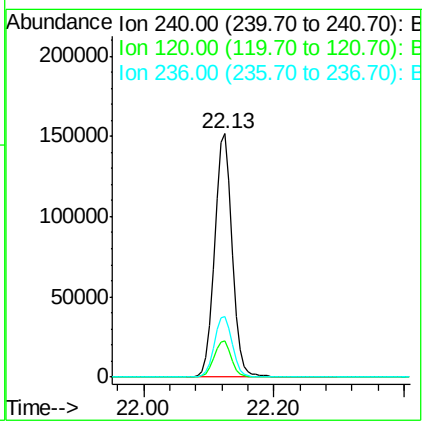


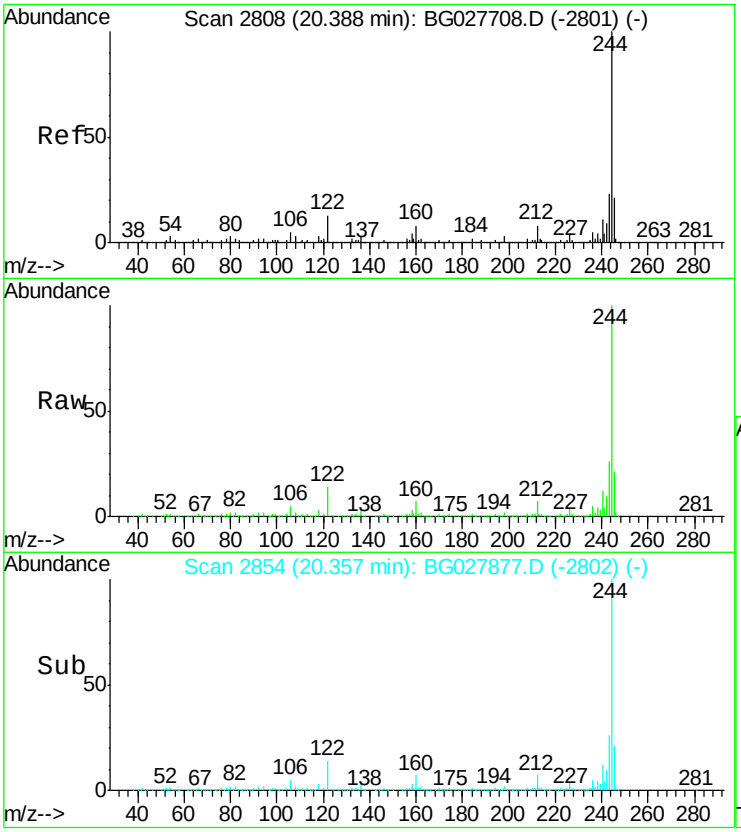


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.13 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Tgt Ion:240 Resp: 282092

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.7	8.5#
236	25.1	22.2	33.4



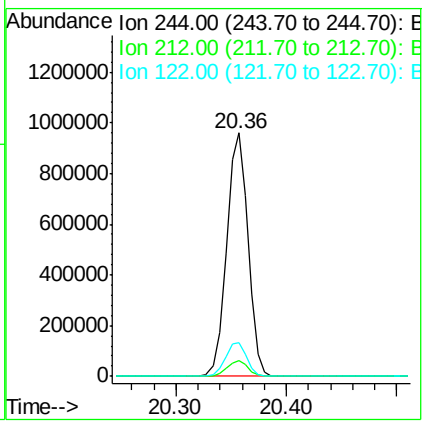


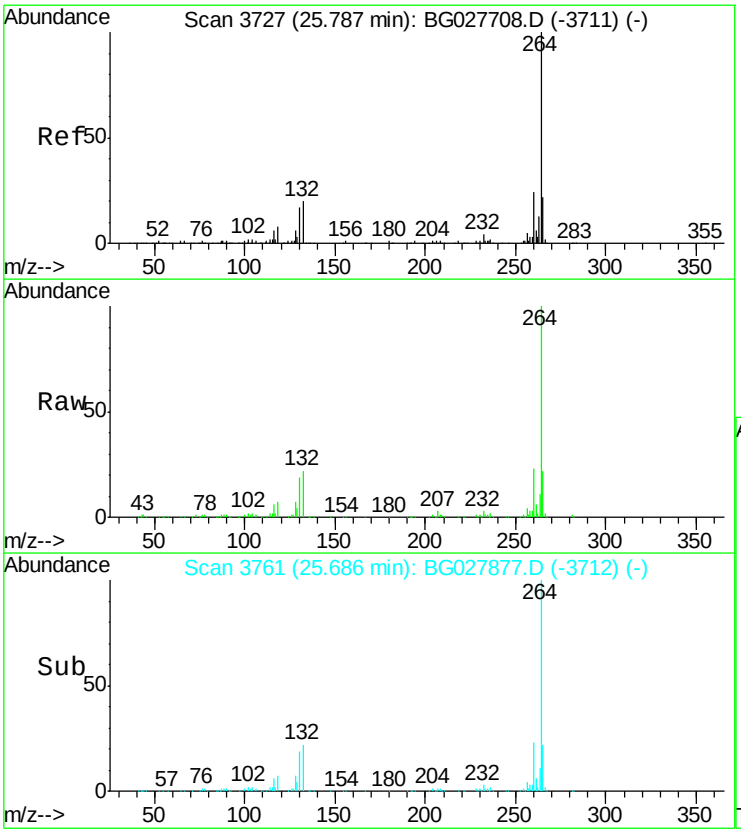
#78
Terphenyl-d14
Concen: 108.124 ng
RT: 20.36 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Instrument :
BNA_G
ClientSampleId :
NB-01-070517-C

Tgt Ion:244 Resp: 1301034

Ion	Ratio	Lower	Upper
244	100		
212	6.5	10.0	15.0#
122	13.6	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.69 min Scan# 3761
Delta R.T. -0.01 min
Lab File: BG027877.D
Acq: 7 Jul 2017 20:38

Tgt Ion:264 Resp: 268688

Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	22.0	18.2	27.4