Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027302.D
Acq On : 8 Jun 2017 3:09
Operator : SJ/MA
Sample : I3487-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 08 06:14:20 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	43073	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	199522	20.00	ng	-0.03
38) Acenaphthene-d10	15.14	164	132320	20.00	ng	-0.02
63) Phenanthrene-d10	17.88	188	347024	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	391328	20.00	ng	-0.04
86) Perylene-d12	25.96	264	363882	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	413424	146.47	ng	-0.01
7) Phenol-d6	7.69	99	546960	132.01	ng	-0.01
23) Nitrobenzene-d5	9.72	82	362304	114.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	293460	168.42	ng	-0.03
44) 2-Fluorobiphenyl	13.77	172	861579	91.09	ng	-0.03
78) Terphenyl-d14	20.46	244	1543333	100.61	ng	-0.03
Target Compounds						Qvalue
55) 4-Nitrophenol	15.53	139	70	6.16	ng	# 1
76) Benzidine	20.09	184	30358	2.58	ng	# 93

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

Quantitation Report (Not Reviewed)

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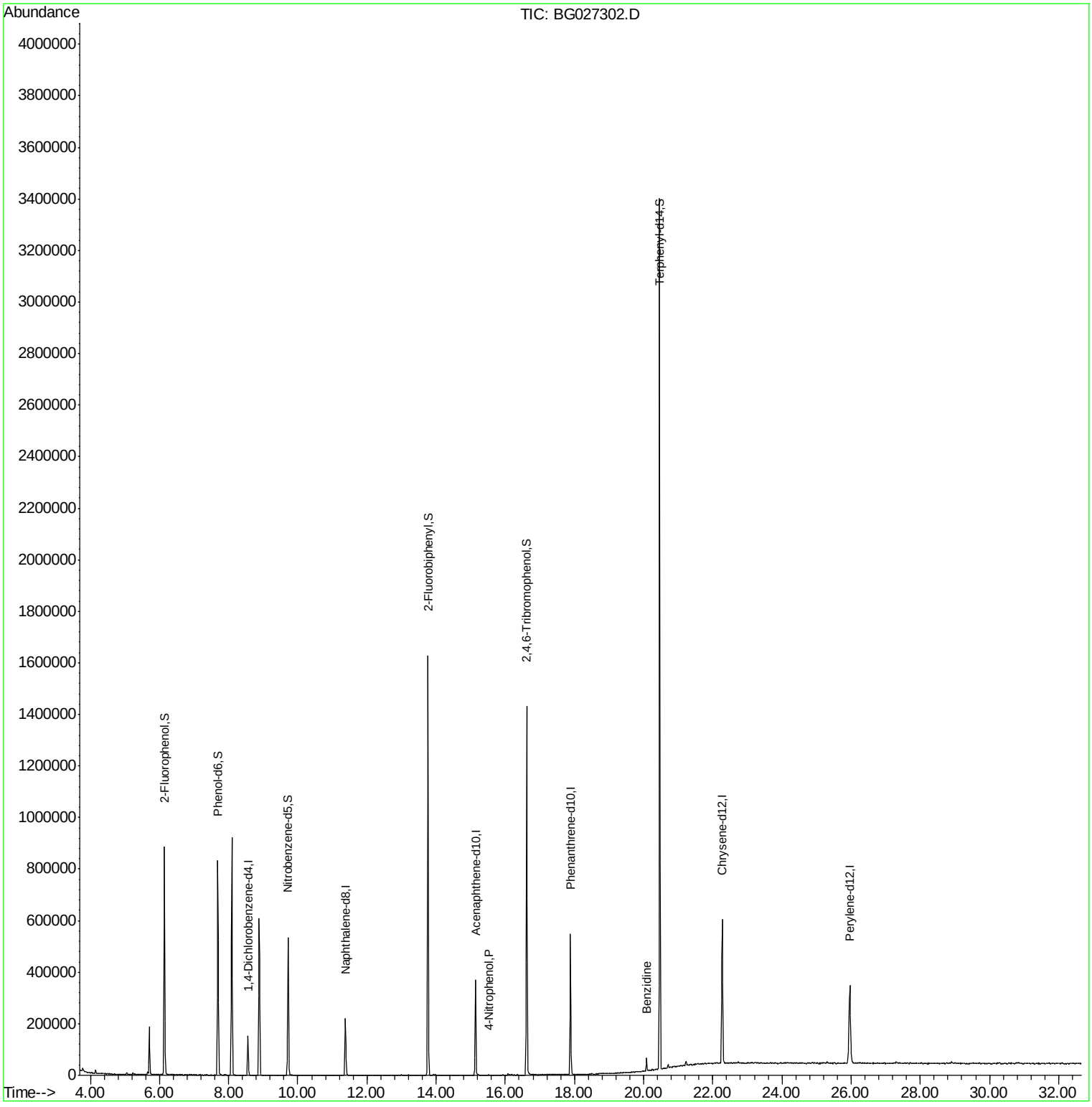
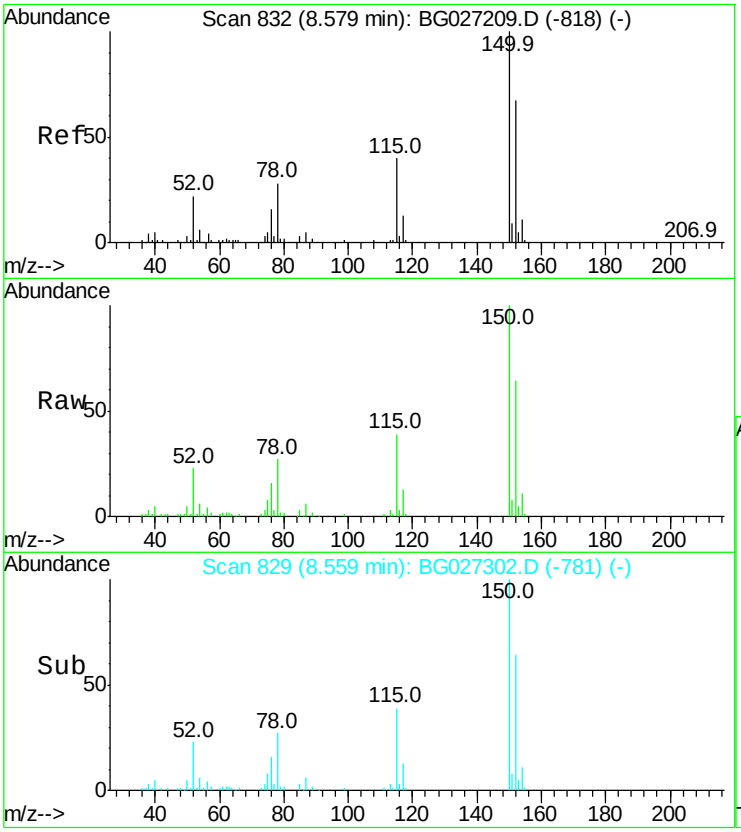


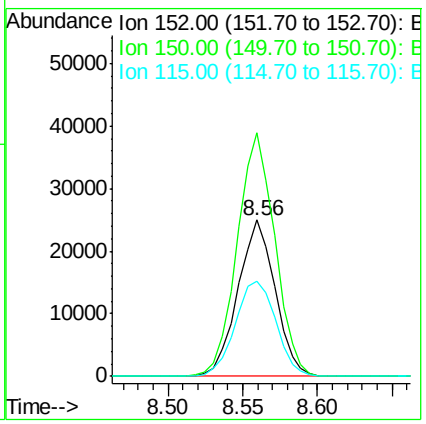


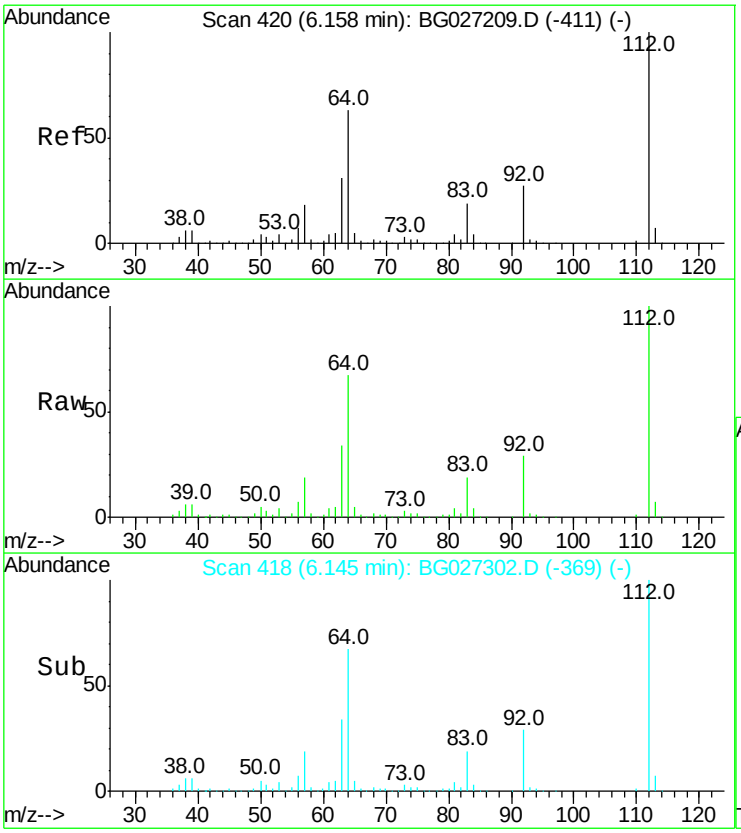
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43073

Ion	Ratio	Lower	Upper
152	100		
150	155.6	114.0	171.0
115	60.4	48.1	72.1

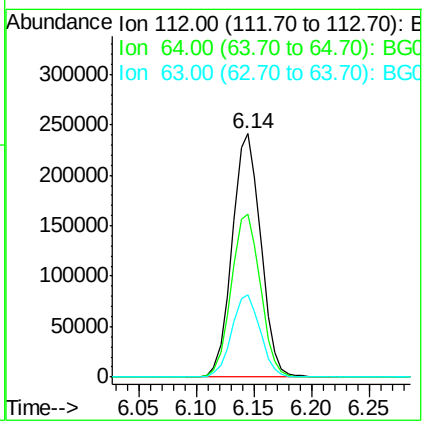


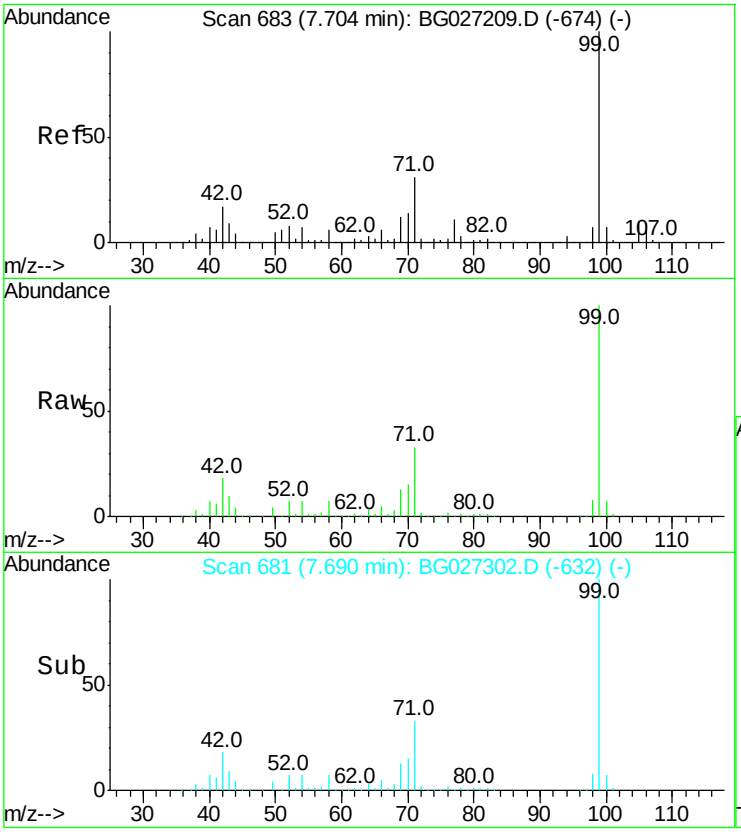


#5
2-Fluorophenol
Concen: 146.47 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Tgt Ion:112 Resp: 413424

Ion	Ratio	Lower	Upper
112	100		
64	67.0	61.8	92.6
63	33.6	37.2	55.8#



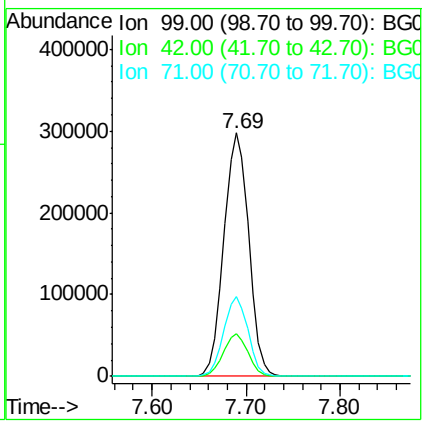


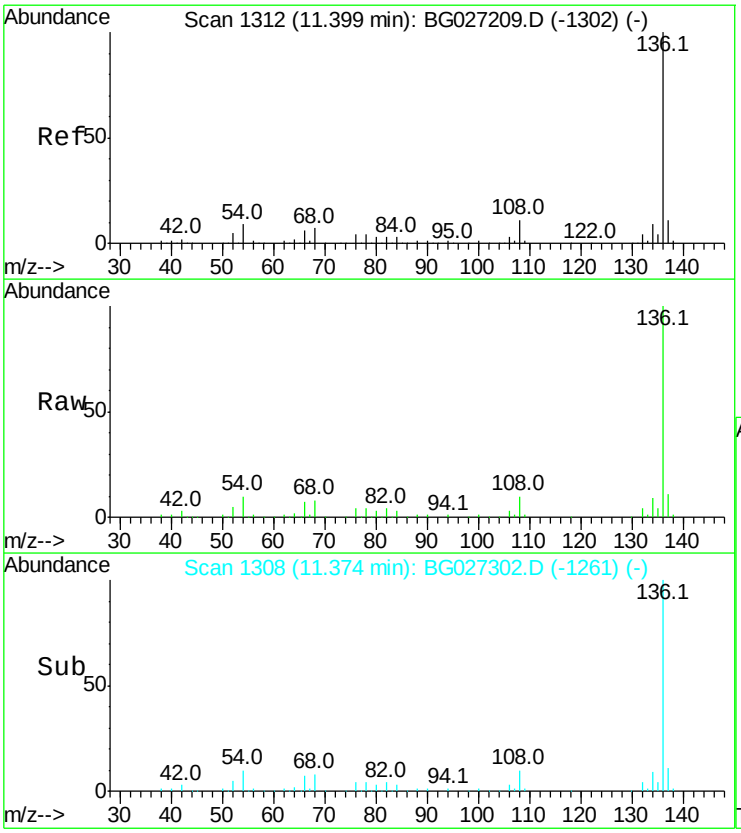
#7
Phenol-d6
Concen: 132.01 ng
RT: 7.69 min Scan# 681
Delta R.T. -0.01 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 546960

Ion	Ratio	Lower	Upper
99	100		
42	17.8	20.5	30.7#
71	32.6	37.6	56.4#

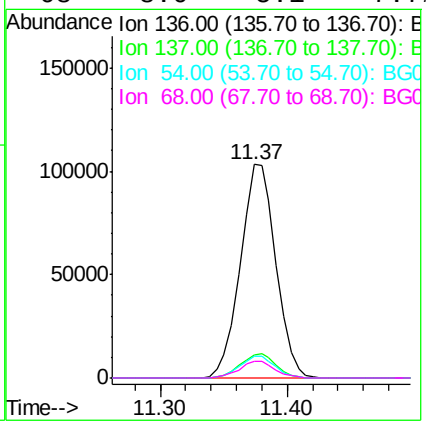


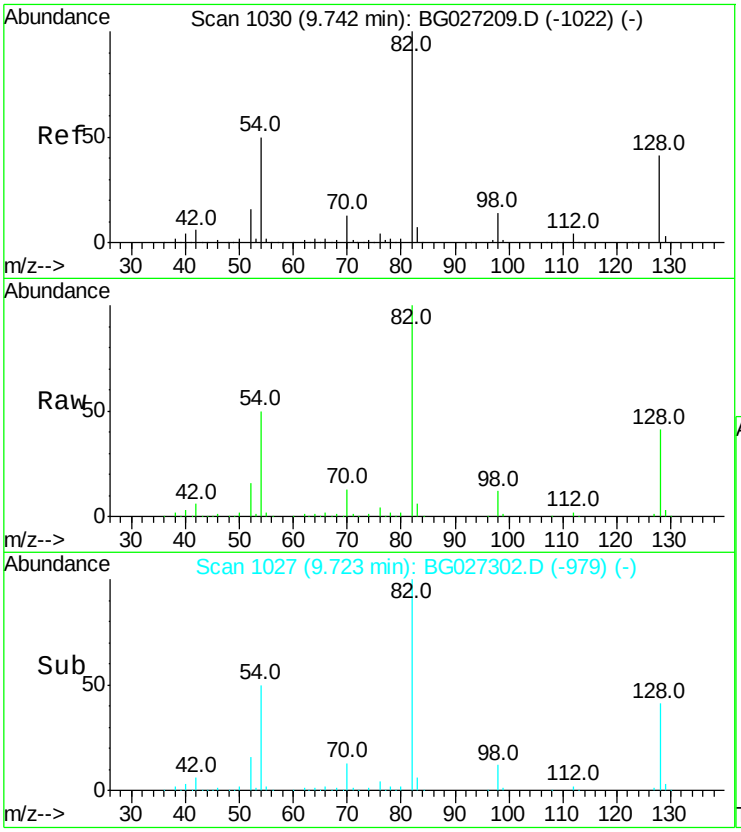


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Tgt Ion:136 Resp: 199522

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.2	9.3	13.9
68	8.0	5.1	7.7#



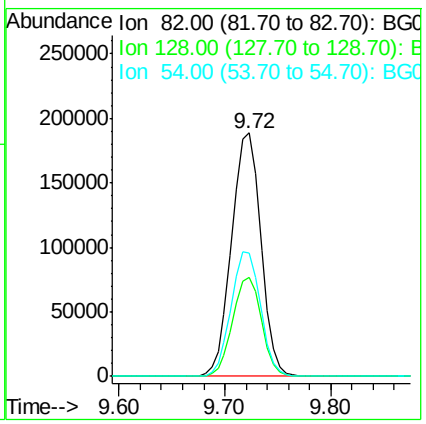


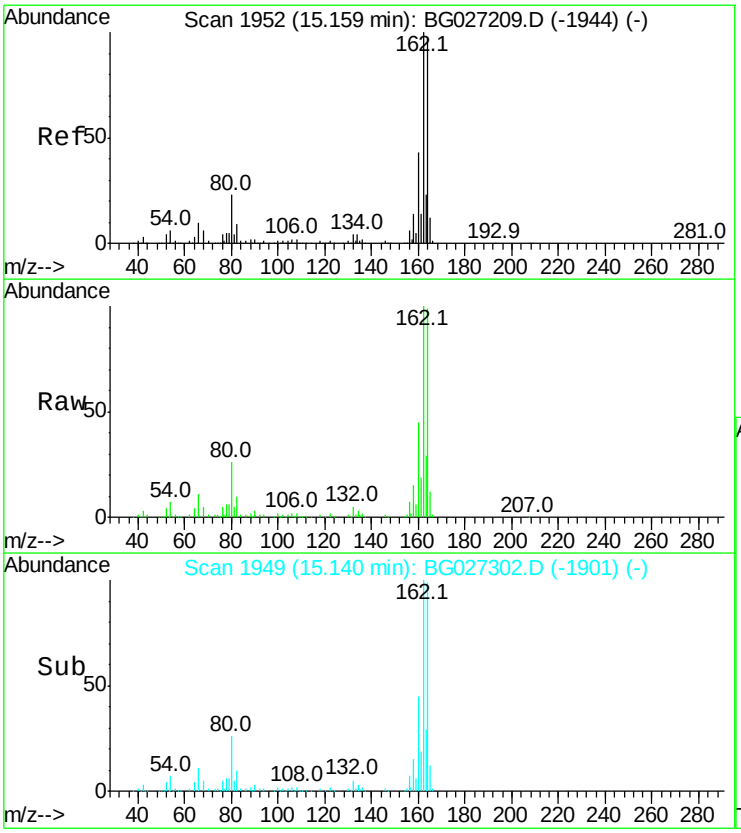
#23
Nitrobenzene-d5
Concen: 114.20 ng
RT: 9.72 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 362304

Ion	Ratio	Lower	Upper
82	100		
128	40.6	26.4	39.6#
54	50.4	49.4	74.2

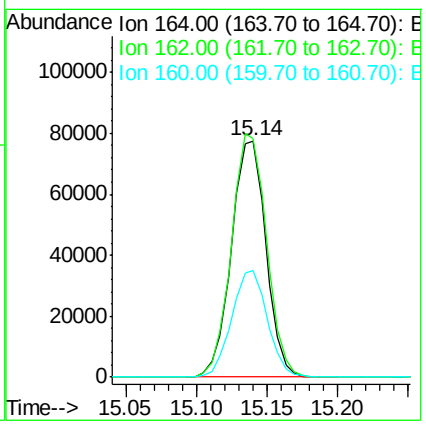


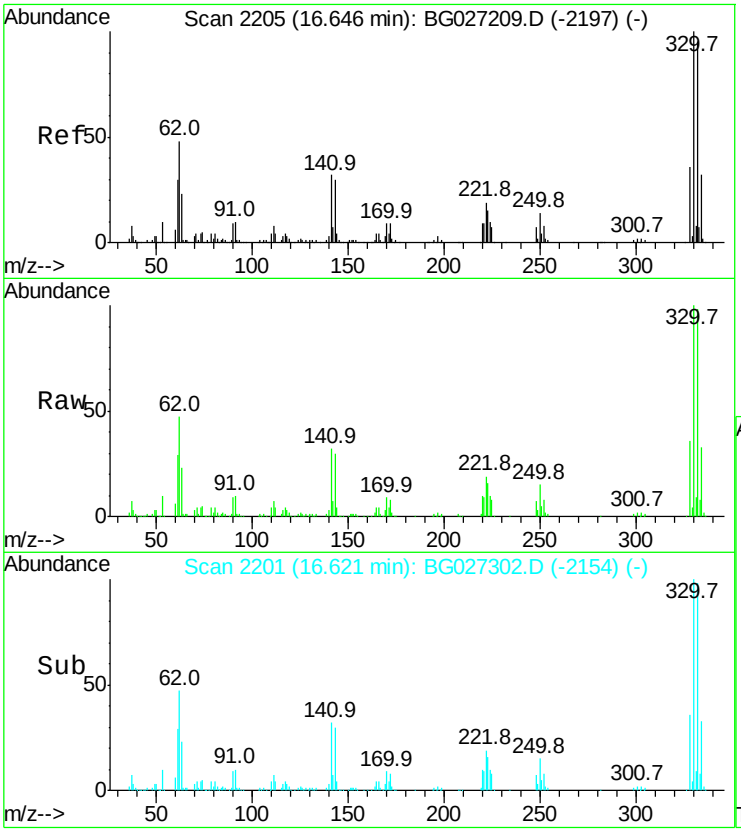


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Tgt Ion:164 Resp: 132320

Ion	Ratio	Lower	Upper
164	100		
162	100.7	85.1	127.7
160	45.4	34.7	52.1



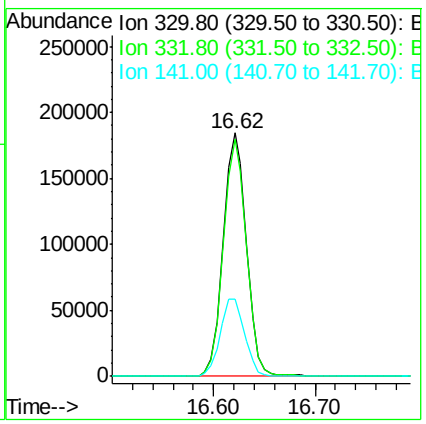


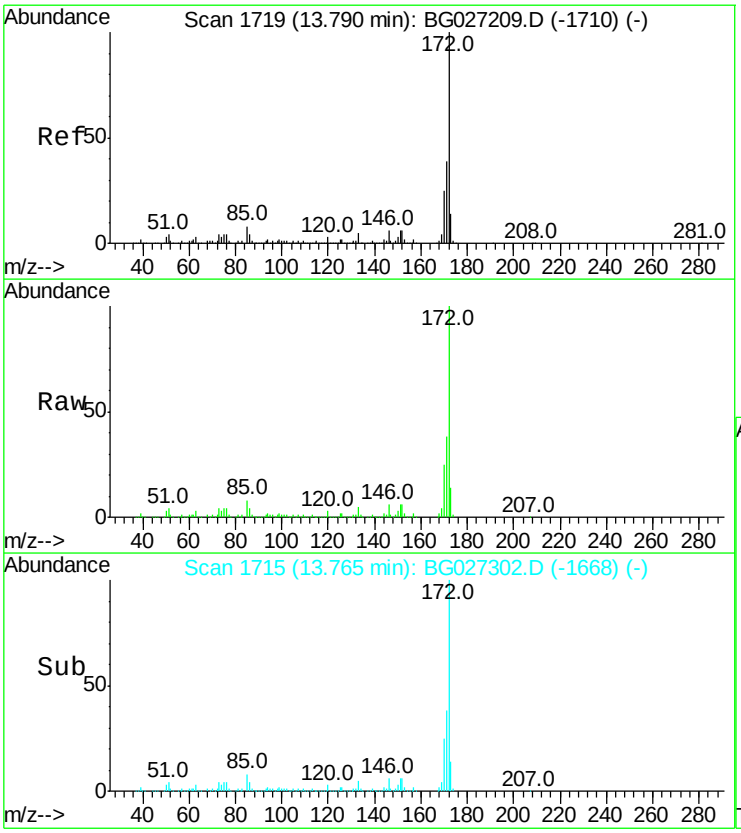
#41
2,4,6-Tribromophenol
Concen: 168.42 ng
RT: 16.62 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 293460

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.5	32.1	48.1

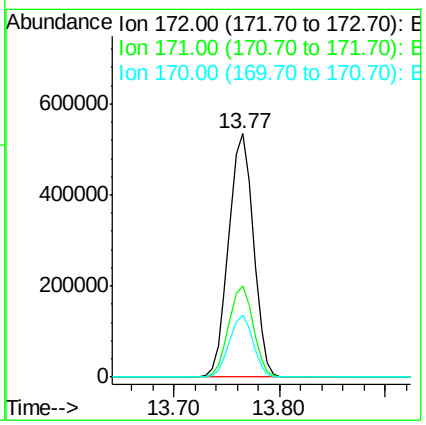


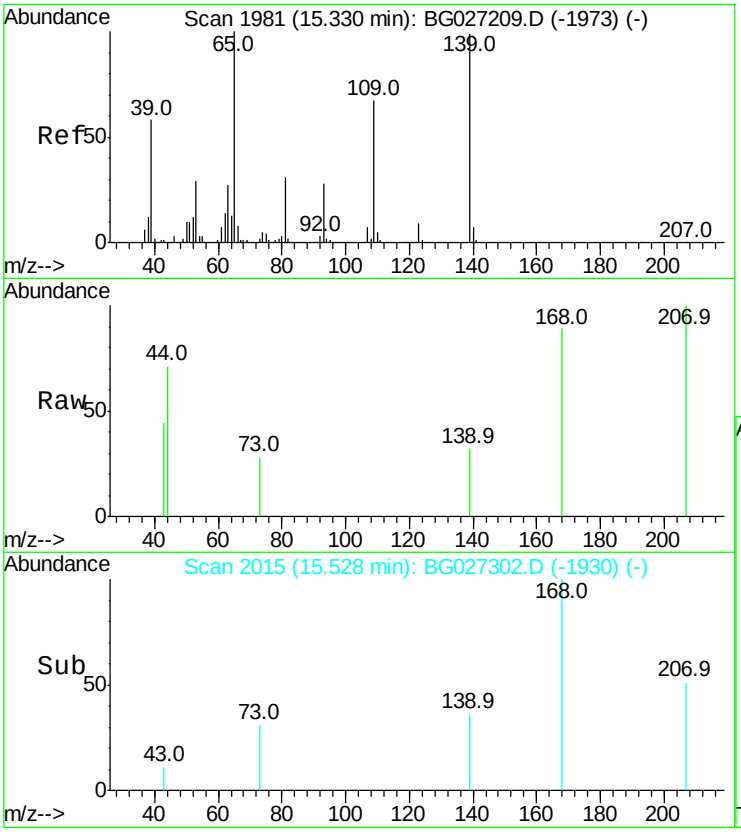


#44
2-Fluorobiphenyl
Concen: 91.09 ng
RT: 13.77 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Tgt Ion:172 Resp: 861579

Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	25.3	21.8	32.6



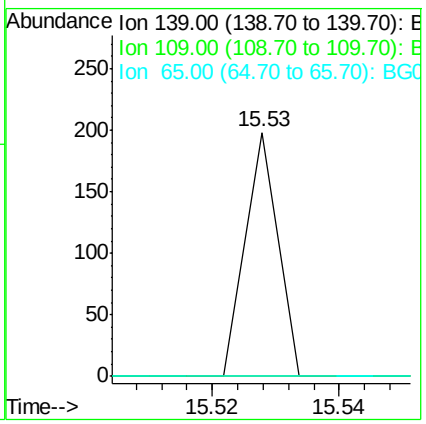


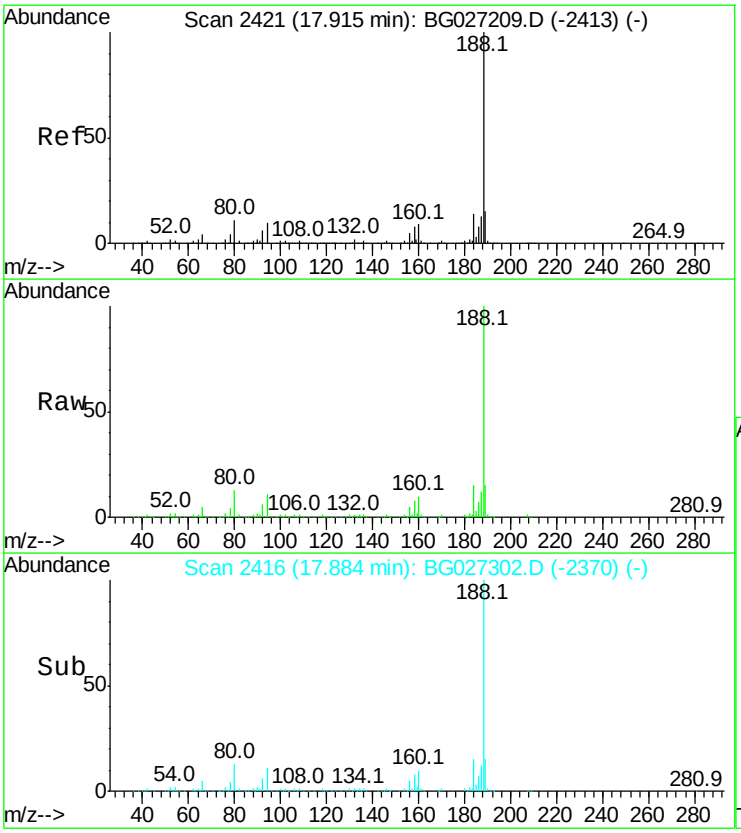
#55
4-Nitrophenol
Concen: 6.16 ng
RT: 15.53 min Scan# 2015
Delta R.T. 0.20 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 70

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

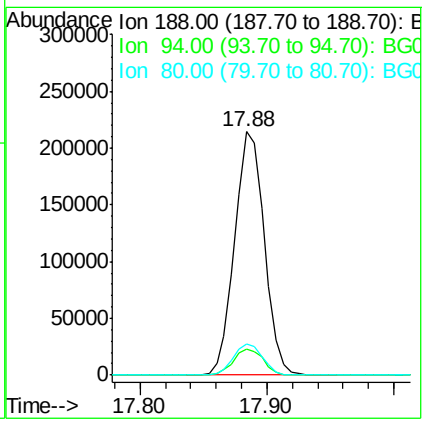


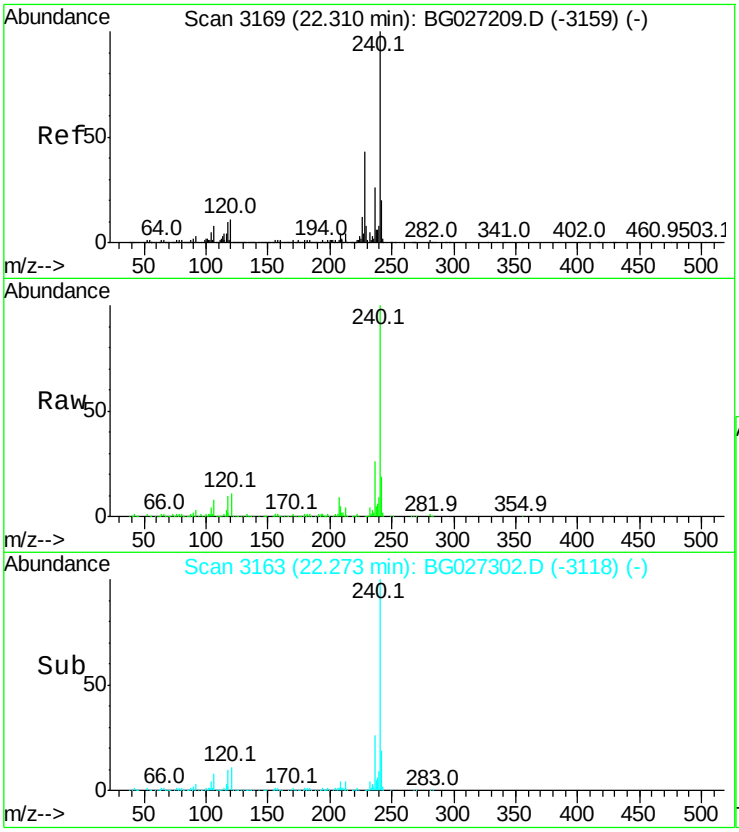


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Tgt Ion:188 Resp: 347024

Ion	Ratio	Lower	Upper
188	100		
94	10.6	5.8	8.8#
80	12.9	7.5	11.3#



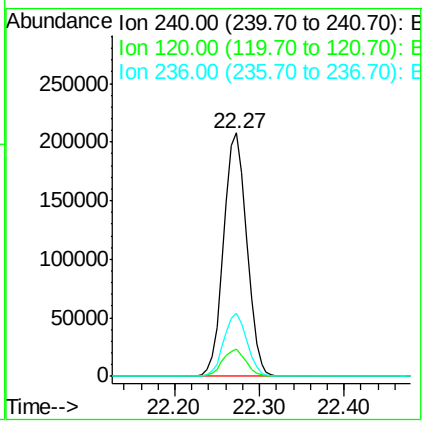


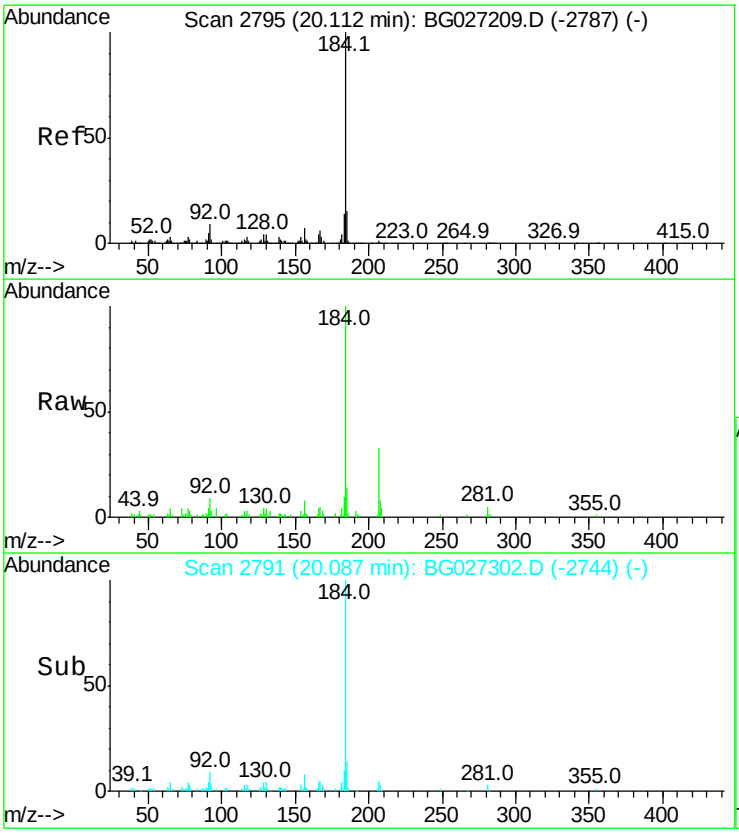
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 391328

Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.7	8.5#
236	25.9	22.2	33.4

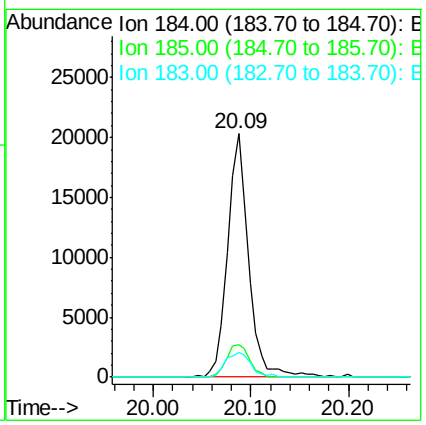


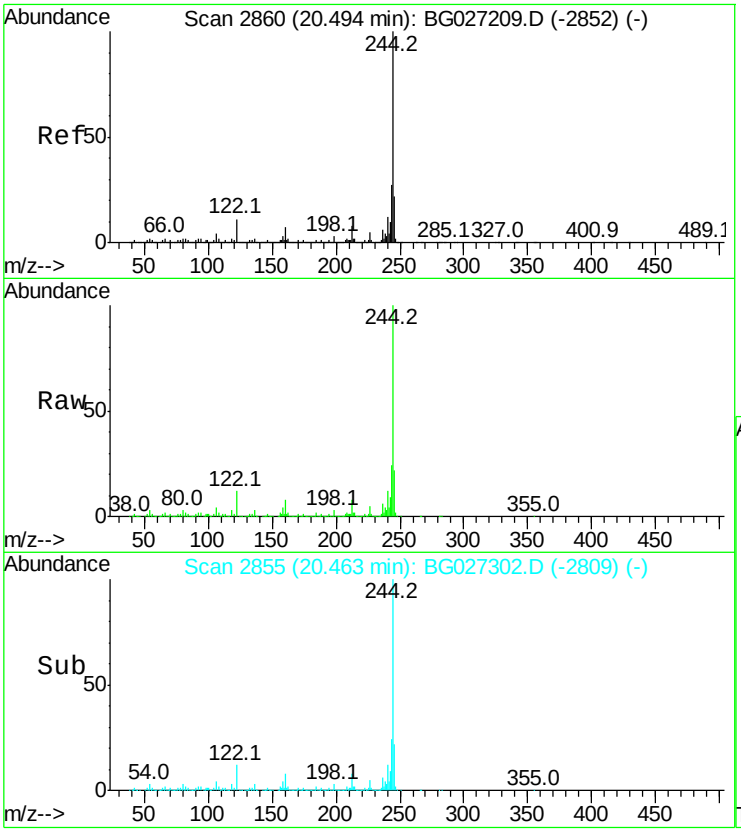


#76
Benzidine
Concen: 2.58 ng
RT: 20.09 min Scan# 2791
Delta R.T. -0.02 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Tgt Ion:184 Resp: 30358

Ion	Ratio	Lower	Upper
184	100		
185	13.5	13.0	19.6
183	10.4	11.0	16.6#



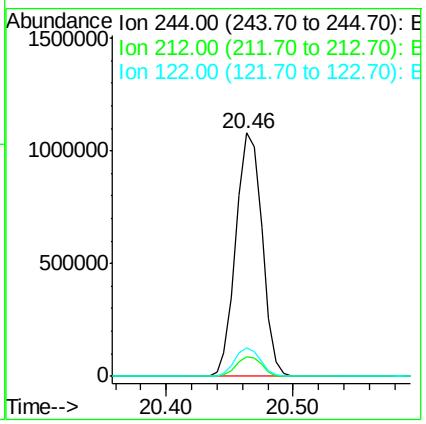


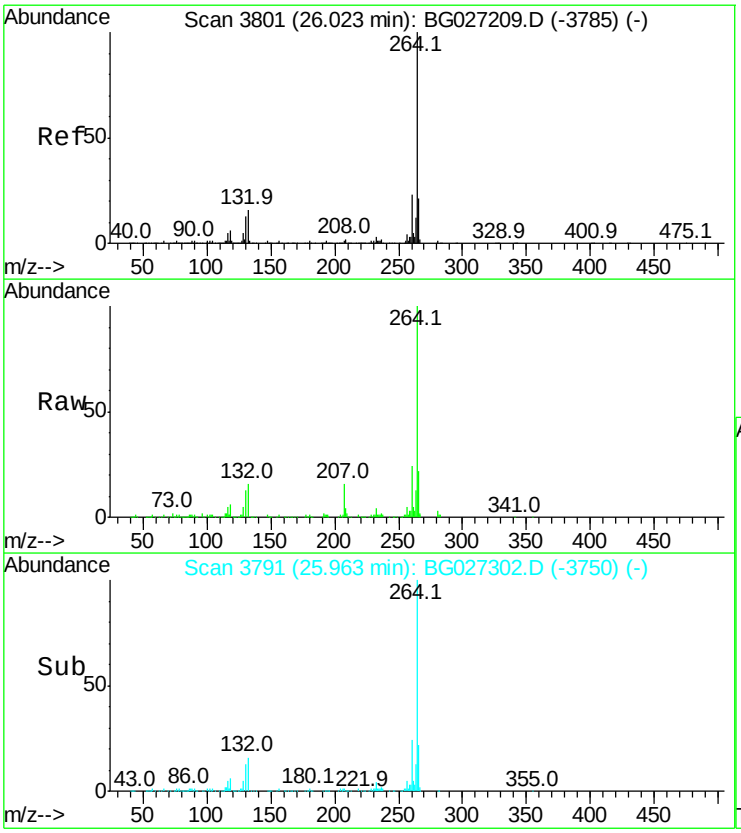
#78
Terphenyl-d14
Concen: 100.61 ng
RT: 20.46 min Scan# 2855
Delta R.T. -0.03 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1543333

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	11.6	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.96 min Scan# 3791
Delta R.T. -0.06 min
Lab File: BG027302.D
Acq: 8 Jun 2017 3:09

Tgt Ion:264 Resp: 363882

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.3	18.2	27.4