Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035441.D
Acq On : 27 Jun 2018 11:45
Operator : JU/SJ
Sample : J3570-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180373-AMENDED-COMPOSITE-

Quant Time: Jun 27 15:43:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50813	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	197573	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	147517	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	380269	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	411871	20.00	ng	-0.04
86) Perylene-d12	24.90	264	398250	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	195250	64.85	ng	-0.01
7) Phenol-d6	7.21	99	178615	40.19	ng	-0.01
23) Nitrobenzene-d5	9.21	82	430857	103.66	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	313140	165.82	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	975657	85.98	ng	-0.03
78) Terphenyl-d14	20.02	244	1677165	85.30	ng	-0.02
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.81	107	9001	2.071	ng	# 87
31) Naphthalene	10.90	128	72475	7.061	ng	96

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

Quantitation Report (QT/LSC Reviewed)

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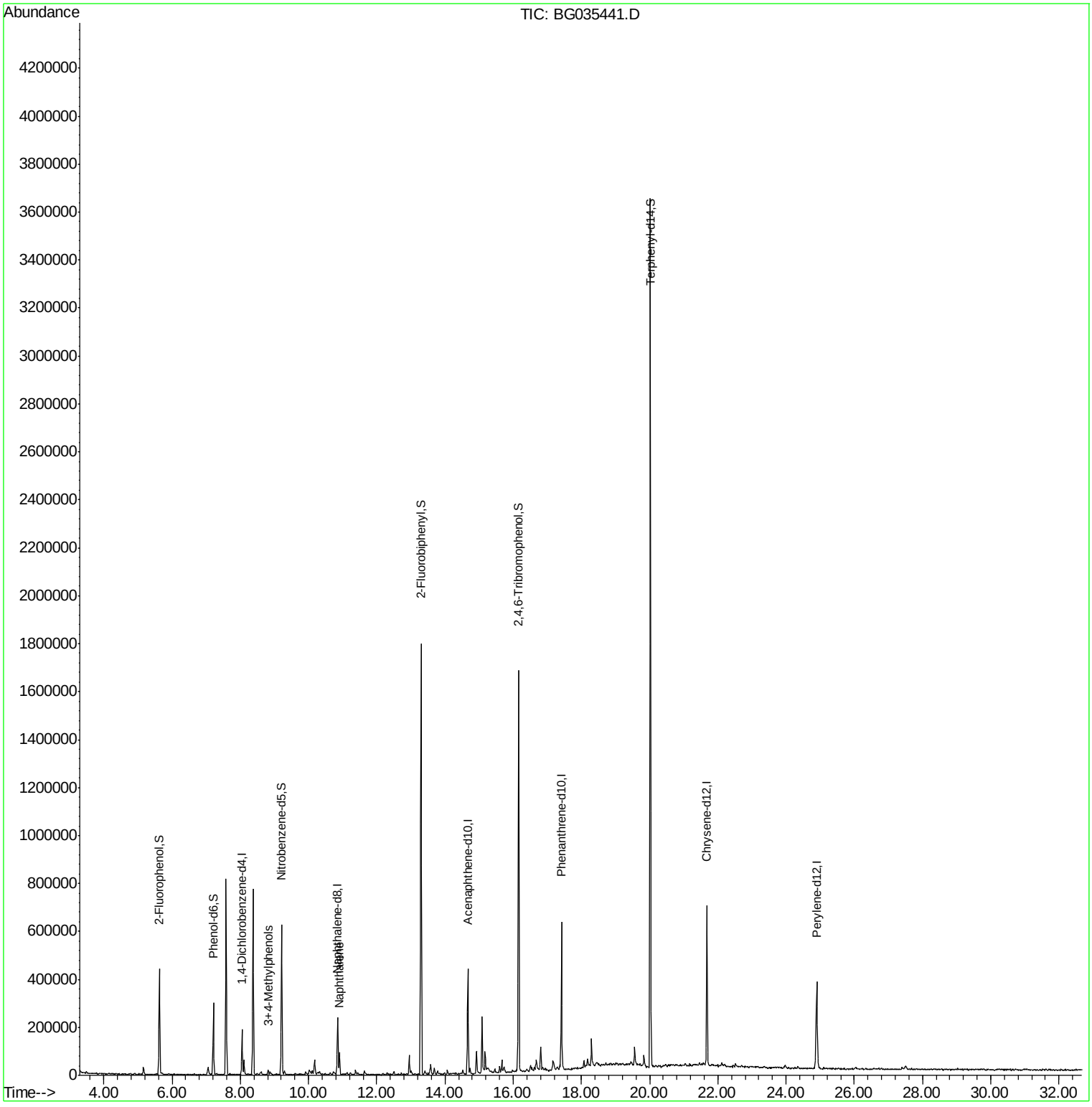
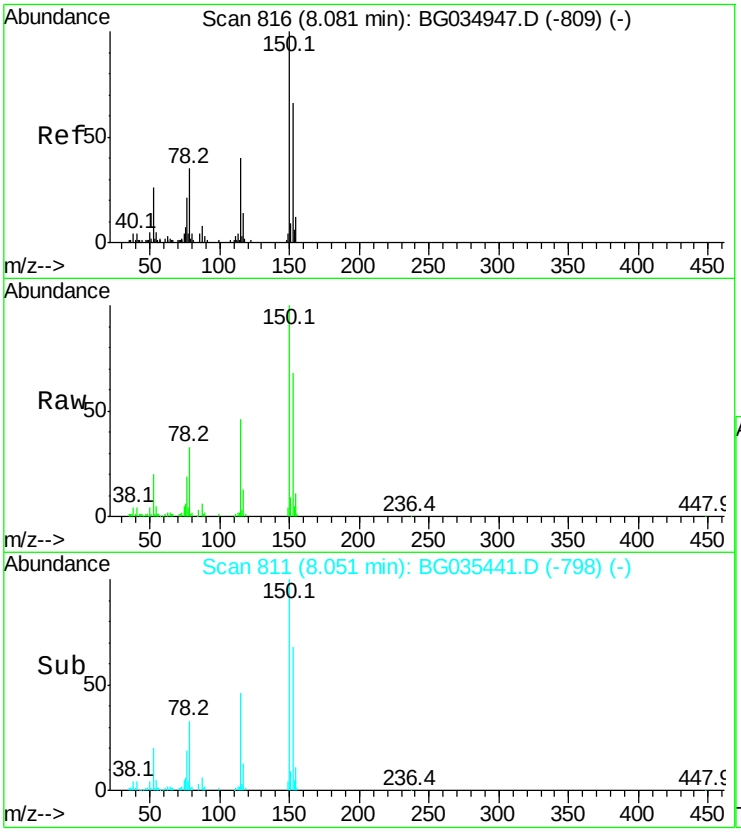


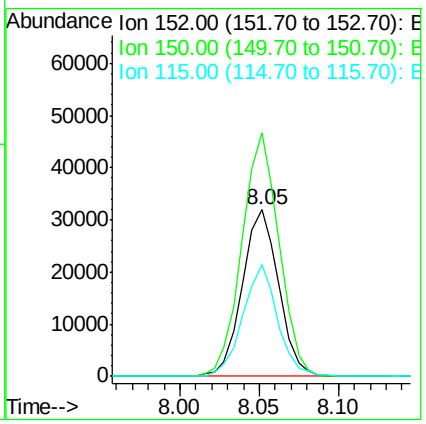


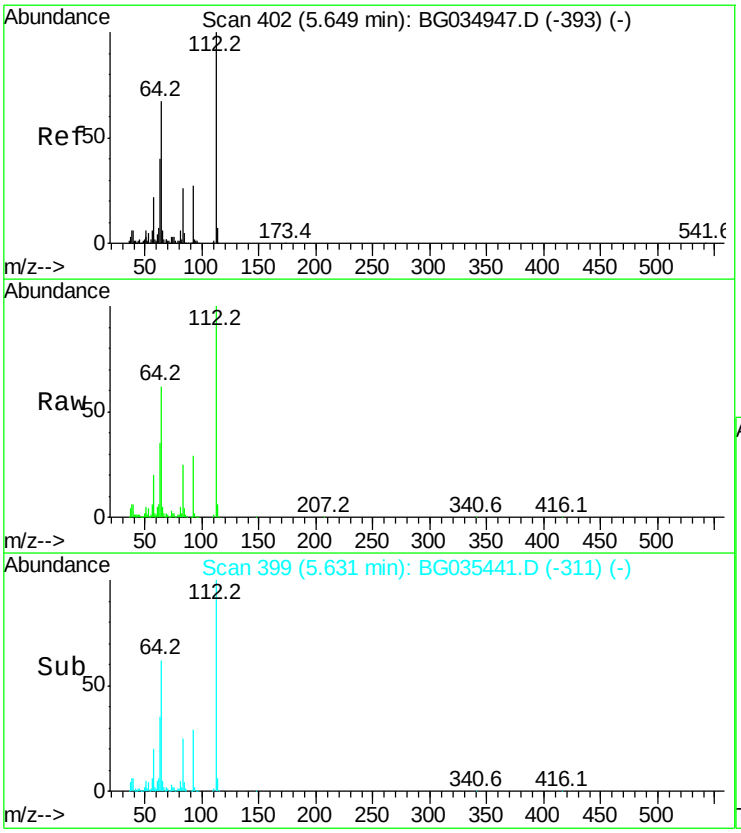
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Instrument :
BNA_G
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:152 Resp: 50813

Ion	Ratio	Lower	Upper
152	100		
150	146.3	126.6	189.8
115	66.9	53.0	79.4

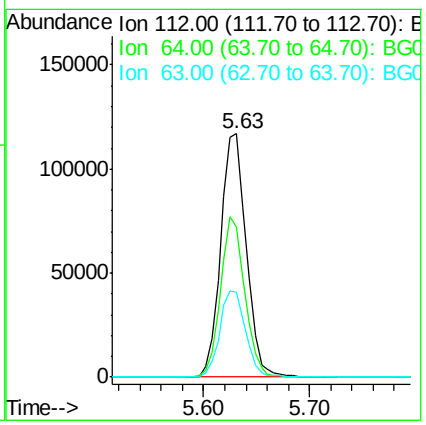


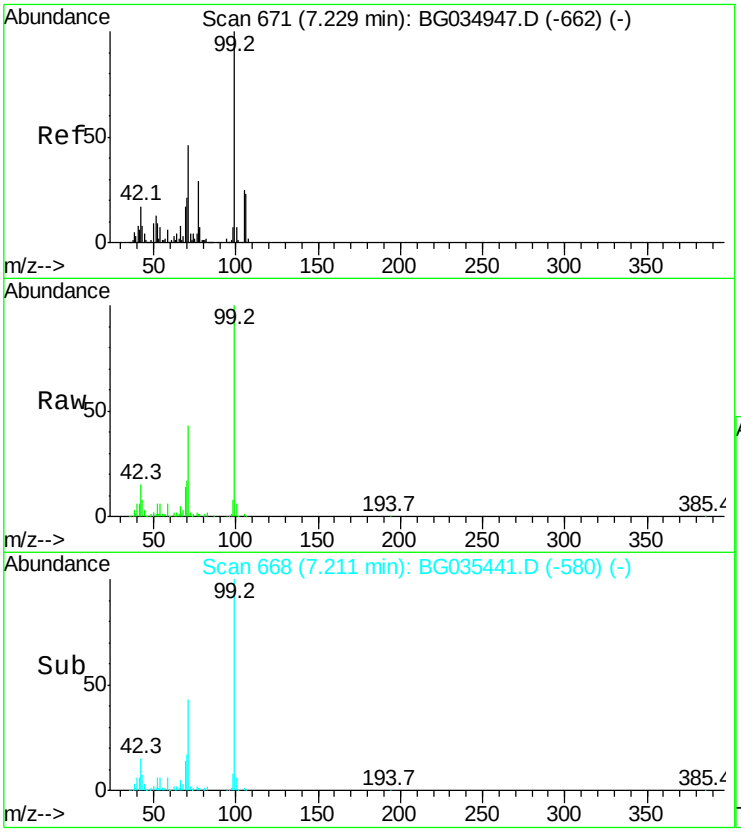


#5
2-Fluorophenol
Concen: 64.847 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Tgt Ion:112 Resp: 195250

Ion	Ratio	Lower	Upper
112	100		
64	61.7	56.3	84.5
63	34.9	30.1	45.1



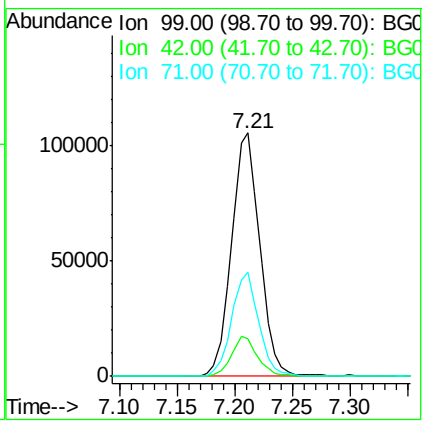


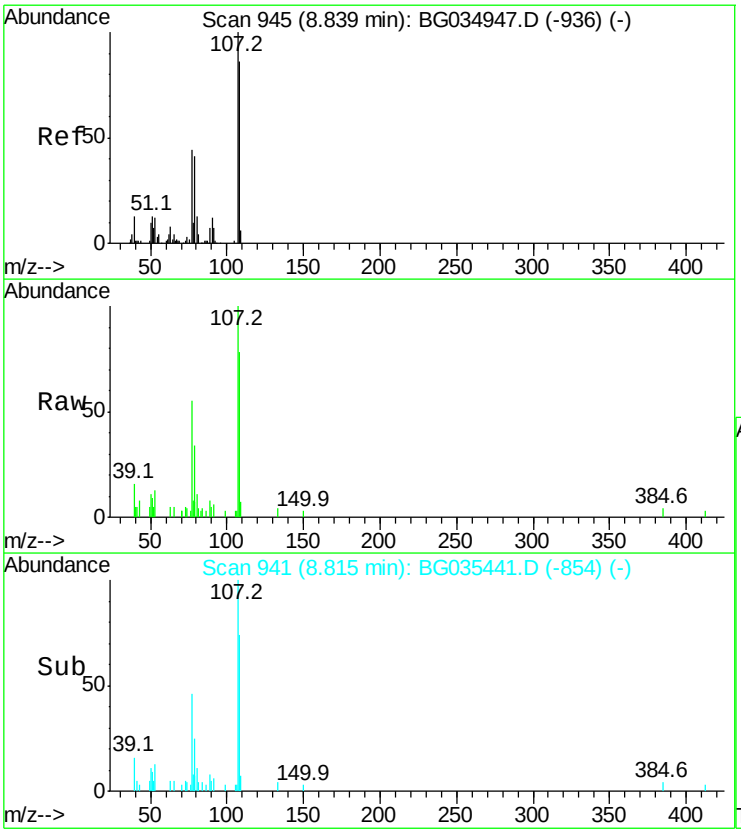
#7
Phenol-d6
Concen: 40.193 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Instrument :
BNA_G
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion: 99 Resp: 178615

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.1	21.1
71	42.8	26.1	39.1#

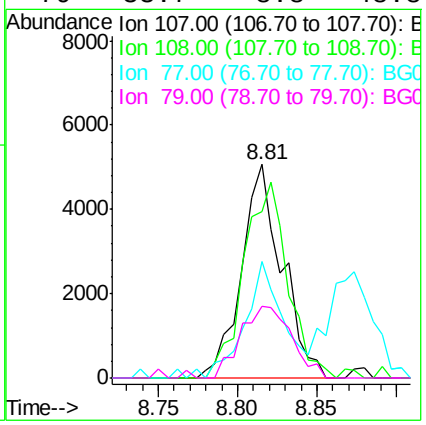


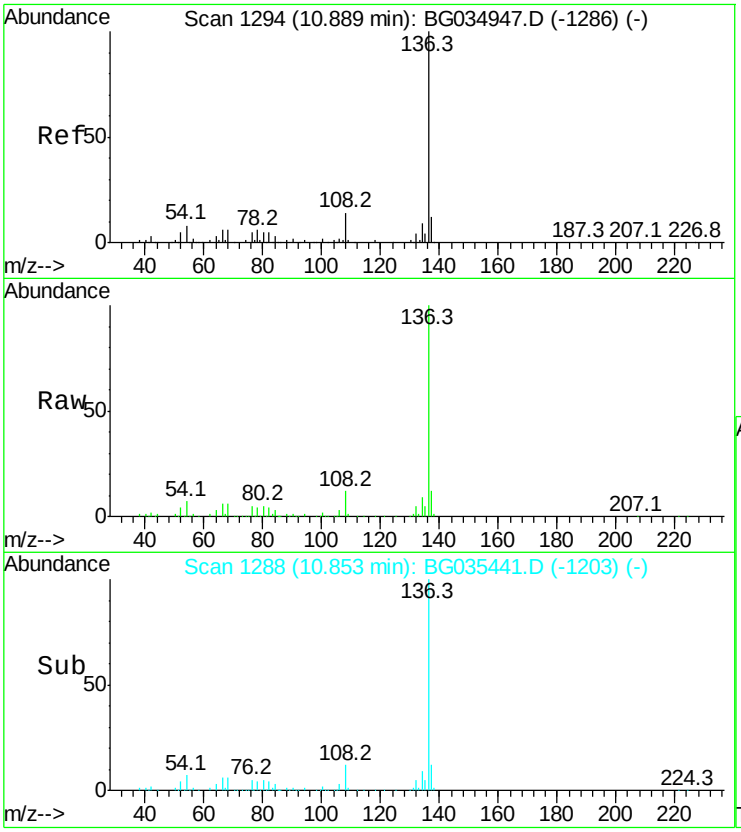


#20
3+4-Methylphenols
Concen: 2.071 ng
RT: 8.81 min Scan# 941
Delta R.T. -0.02 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Tgt Ion:107 Resp: 9001

Ion	Ratio	Lower	Upper
107	100		
108	77.9	61.6	101.6
77	54.8	13.9	53.9#
79	33.7	8.8	48.8



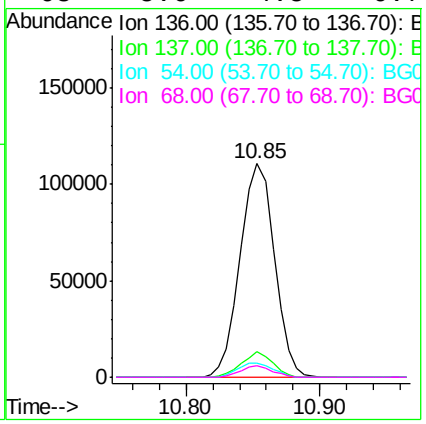


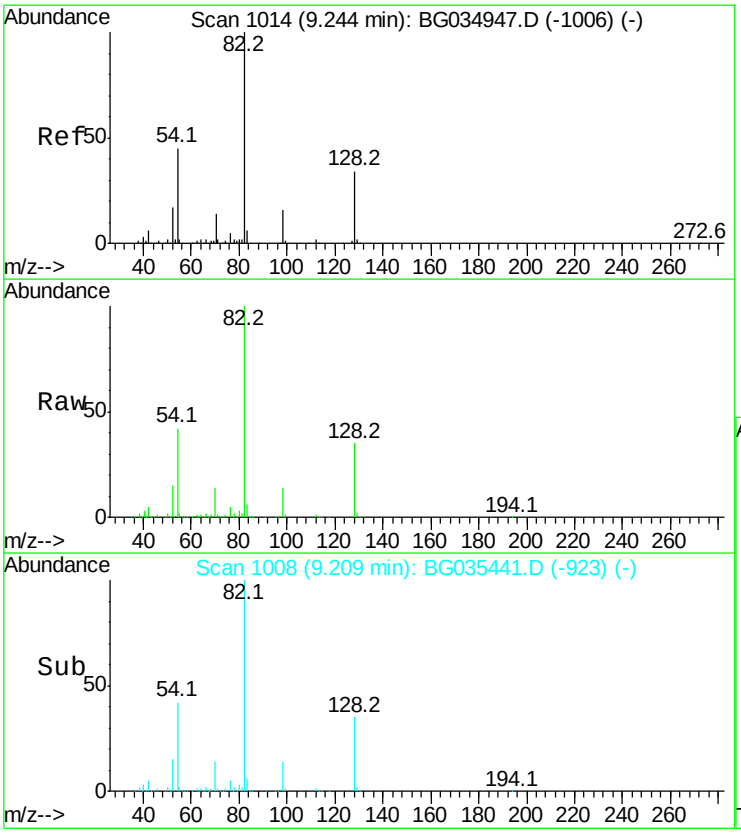
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Instrument :
BNA_G
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:136 Resp: 197573

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	6.7	10.3	15.5#
68	5.6	4.5	6.7

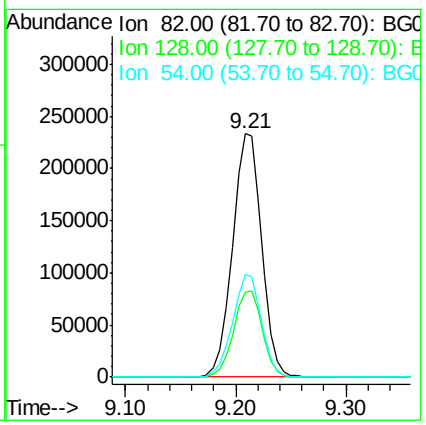


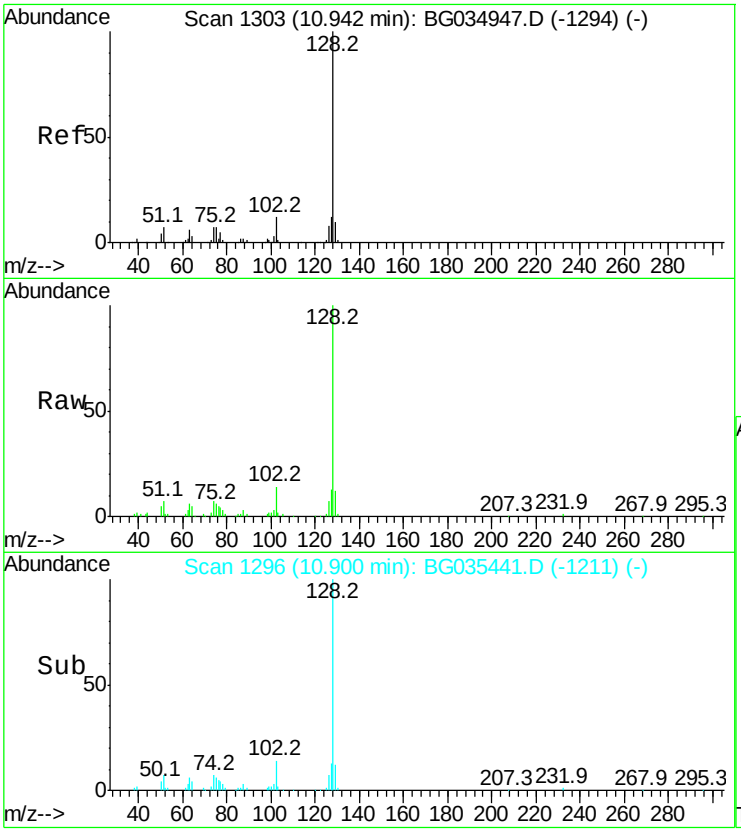


#23
Nitrobenzene-d5
Concen: 103.660 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Tgt Ion: 82 Resp: 430857

Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	42.1	43.1	64.7#



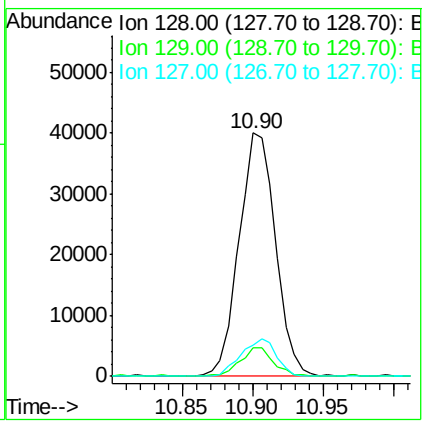


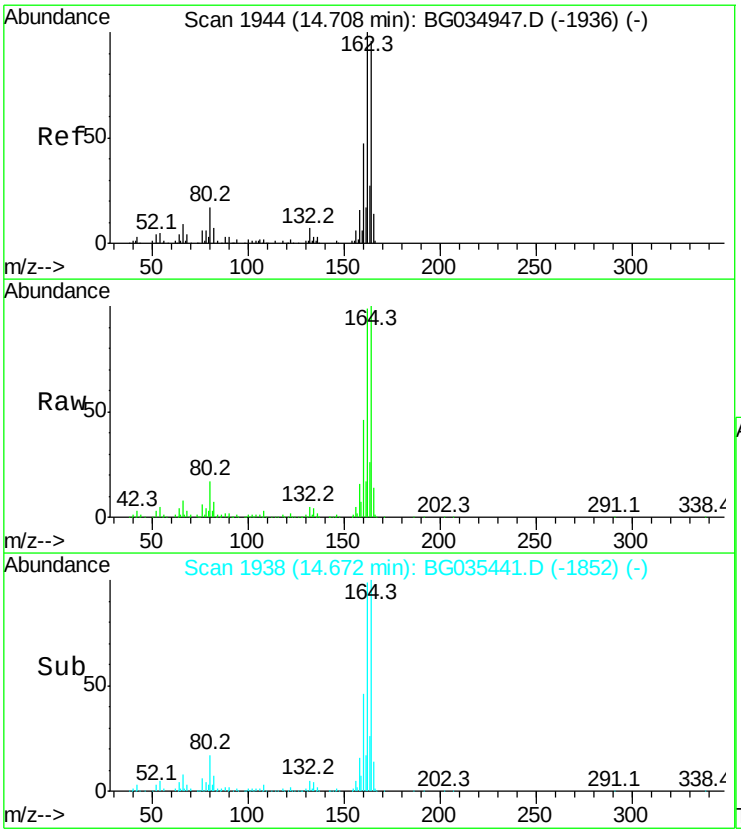
#31
Naphthalene
Concen: 7.061 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Instrument :
BNA_G
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:128 Resp: 72475

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	12.7	11.6	17.4

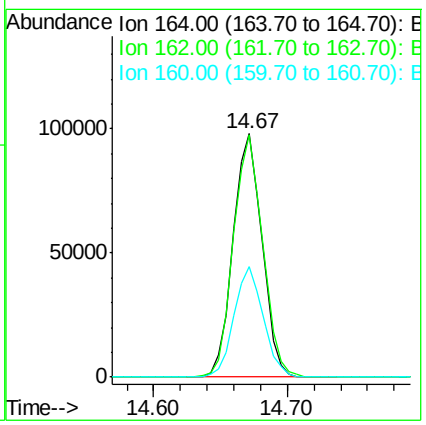


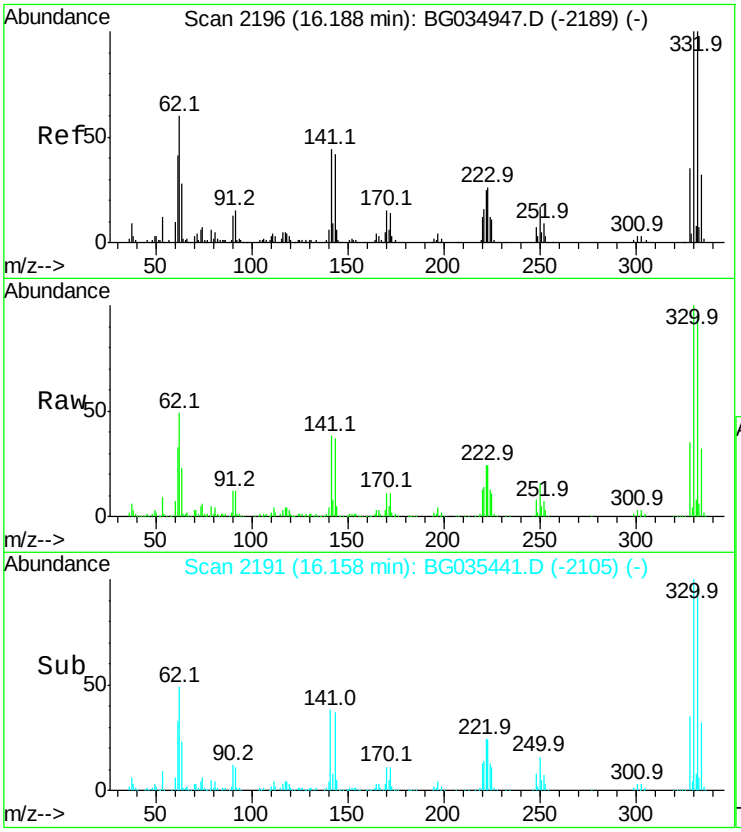


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Tgt Ion:164 Resp: 147517

Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	45.5	35.4	53.0



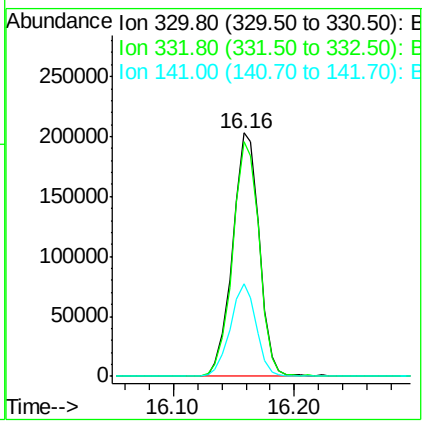


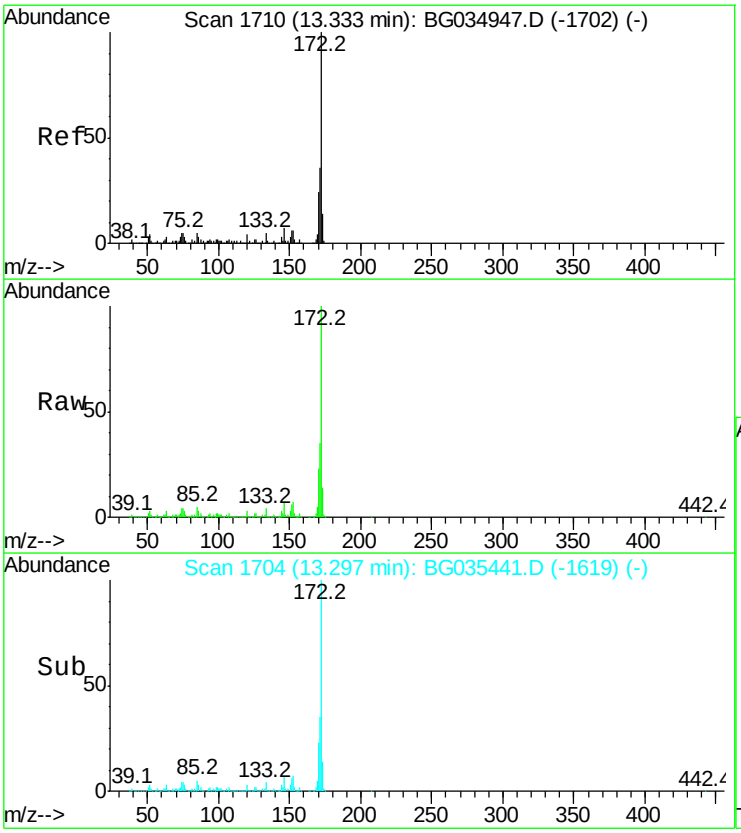
#41
2,4,6-Tribromophenol
Concen: 165.822 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Instrument :
BNA_G
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:330 Resp: 313140

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.2	25.2	37.8

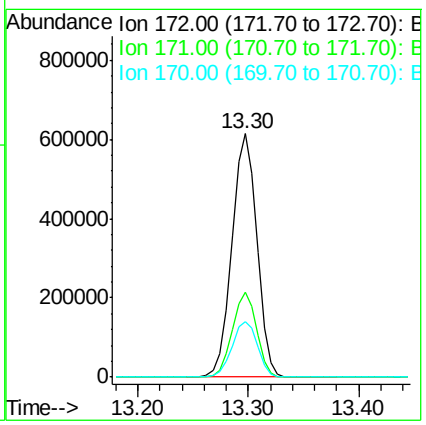


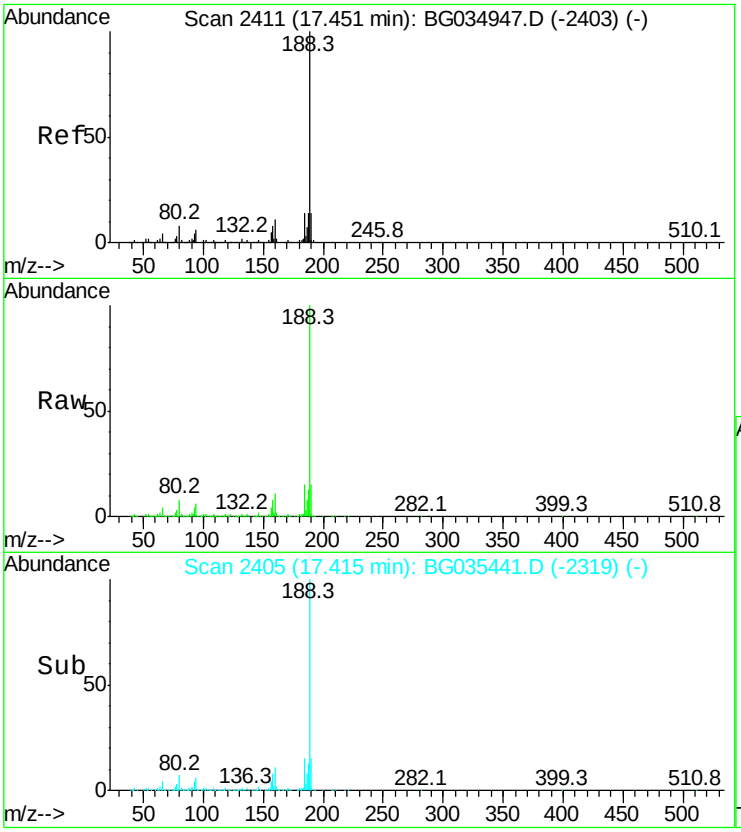


#44
2-Fluorobiphenyl
Concen: 85.980 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Tgt Ion:172 Resp: 975657

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.0	19.5	29.3



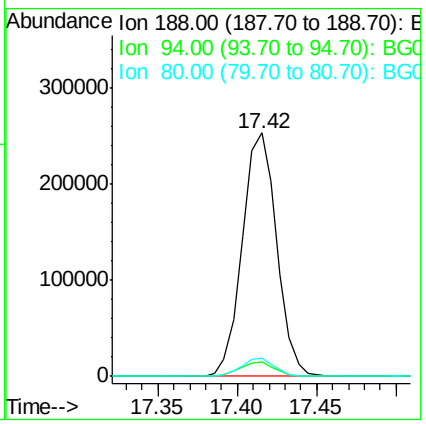


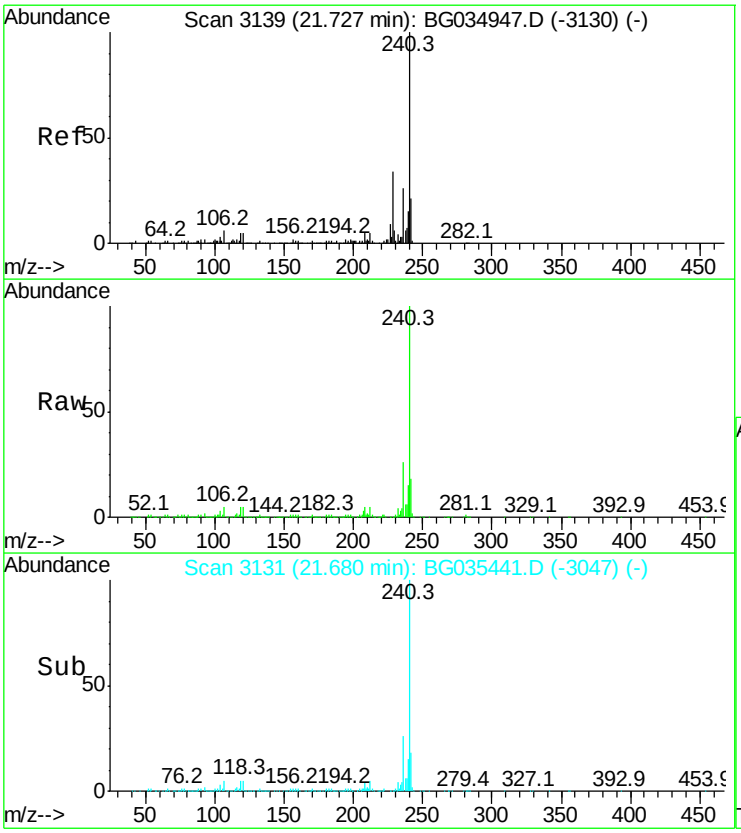
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Instrument :
BNA_G
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:188 Resp: 380269

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.5	7.7	11.5#

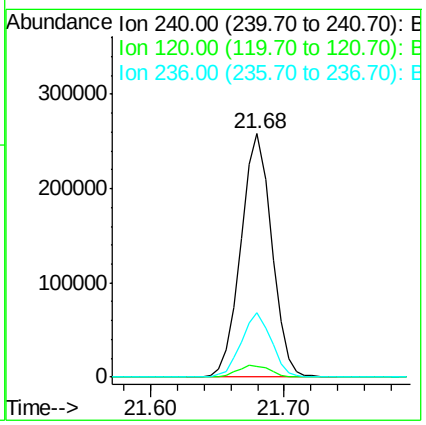


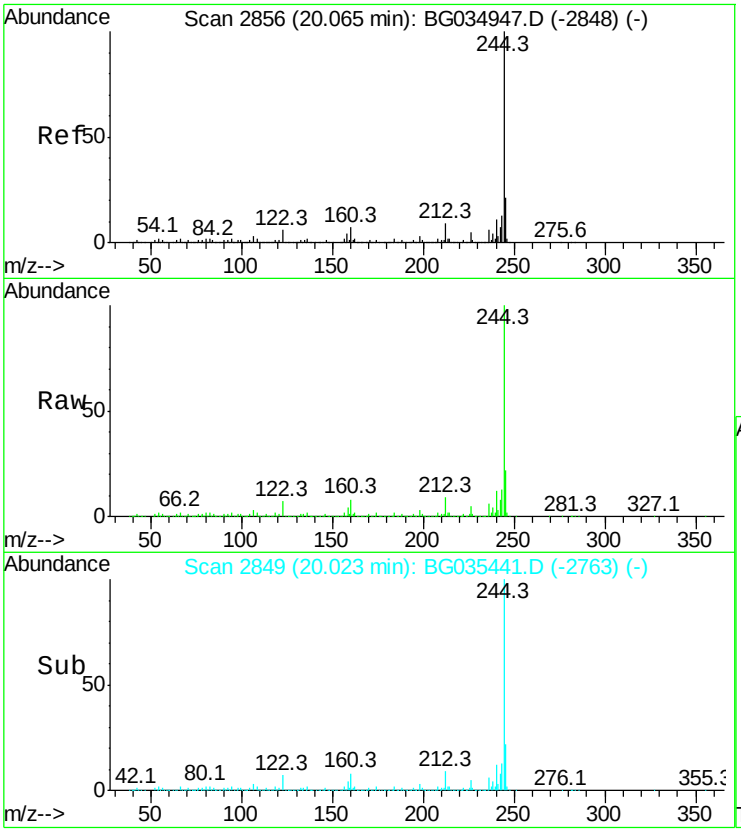


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Tgt Ion:240 Resp: 411871

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	26.3	20.9	31.3



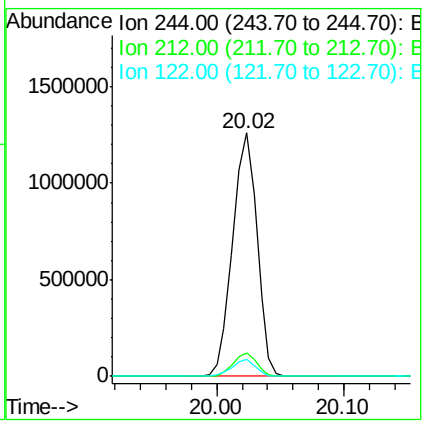


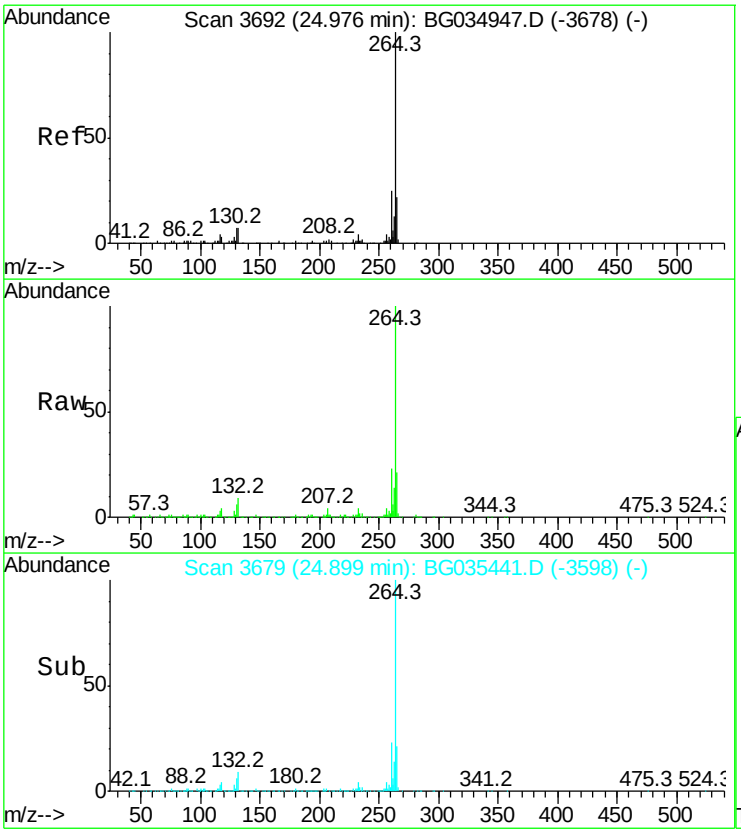
#78
Terphenyl-d14
Concen: 85.296 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Instrument :
BNA_G
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tgt Ion:244 Resp: 1677165

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Tgt Ion:264 Resp: 398250

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.5	17.7	26.5