Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041340.D
Acq On : 20 Jun 2019 00:34
Operator : HP/JU
Sample : K3158-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 20 02:26:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42400	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	161713	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	110393	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	261155	20.00	ng	0.00
76) Chrysene-d12	21.74	240	243389	20.00	ng	0.00
87) Perylene-d12	25.06	264	248207	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	284626	123.34	ng	0.00
7) Phenol-d6	7.24	99	350642	104.83	ng	0.00
23) Nitrobenzene-d5	9.26	82	356872	92.81	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	227389	134.17	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	785262	96.68	ng	0.00
79) Terphenyl-d14	20.06	244	1181284	96.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	6077	5.252	ng	# 1
15) Benzyl Alcohol	8.40	79	6733	2.101	ng	# 62
19) n-Nitroso-di-n-propylamine	9.26	70	52755	19.501	ng	# 76
50) Dimethylphthalate	14.16	163	28079	2.859	ng	# 96
51) 2,6-Dinitrotoluene	14.72	165	13615	6.574	ng	# 16
54) 2,4-Dinitrophenol	14.52	184	62	4.885	ng	# 13
56) 4-Nitrophenol	14.90	139	72	3.260	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	13615	4.497	ng	# 20
67) 4-Bromophenyl-phenylether	16.21	248	16663	4.935	ng	# 1
77) Benzidine	20.06	184	20585	3.497	ng	# 82

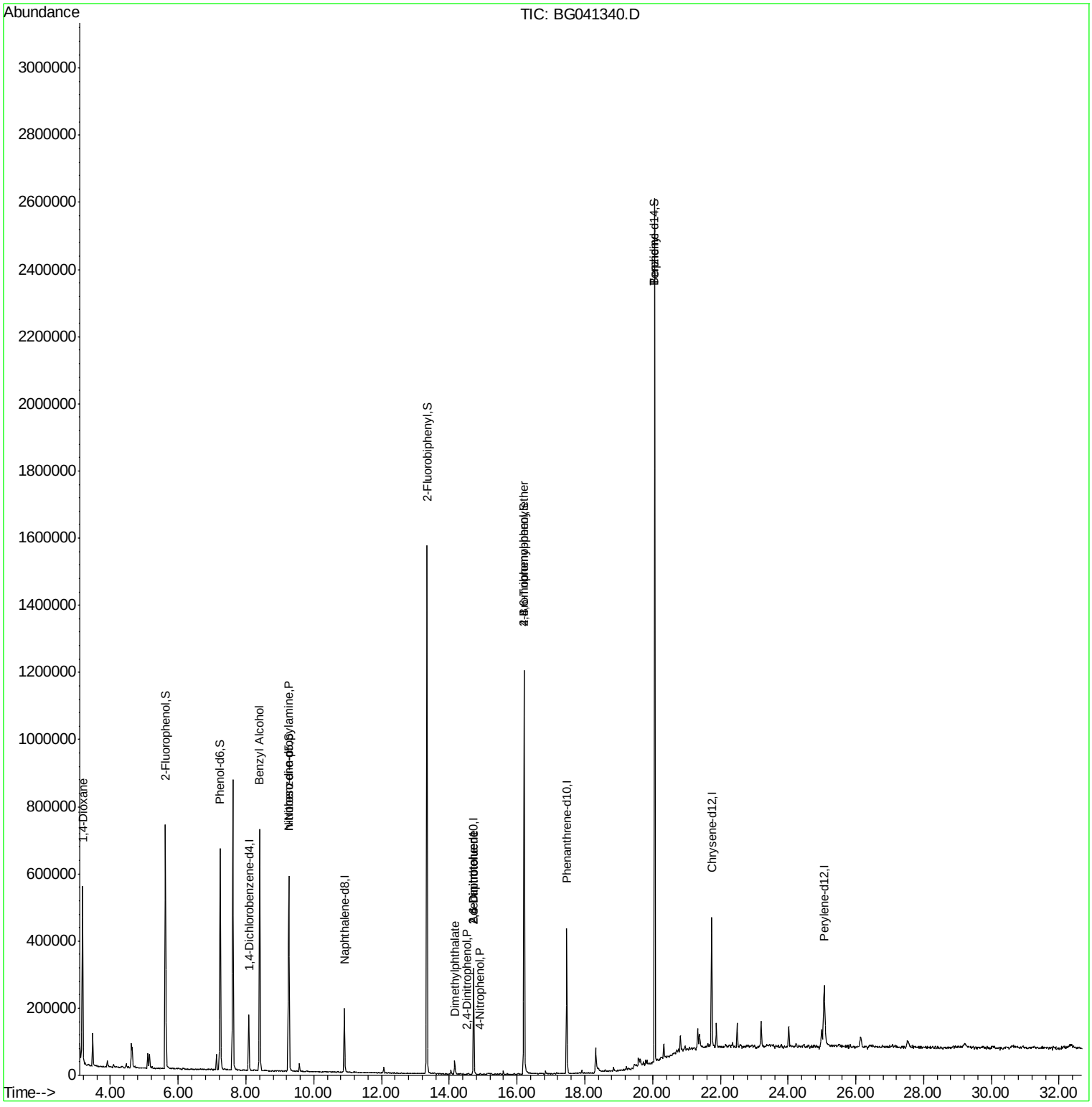
(#) = qualifier out of range (m) = manual integration (+) = signals summed

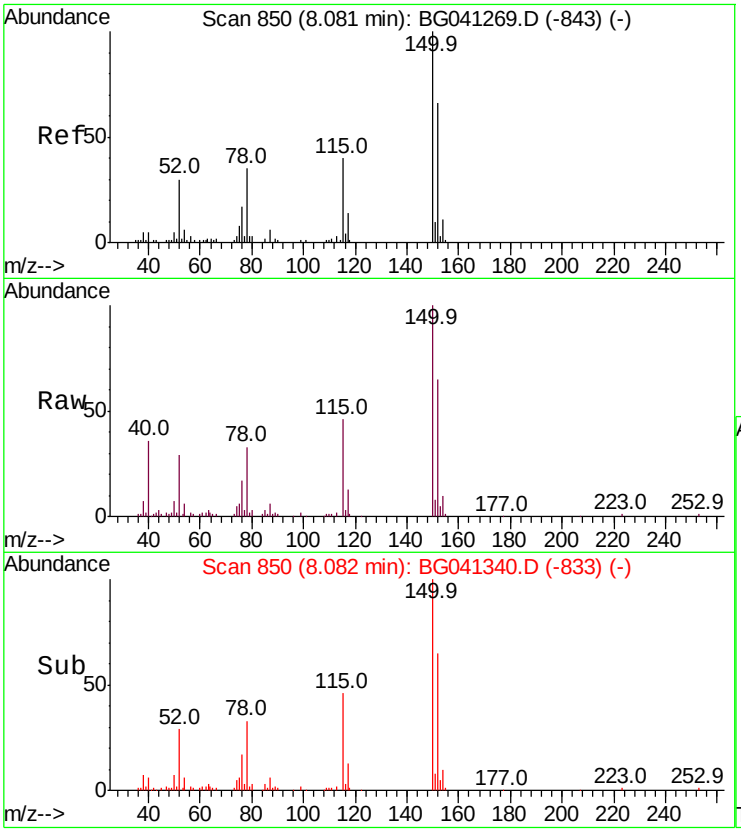
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041340.D
Acq On : 20 Jun 2019 00:34
Operator : HP/JU
Sample : K3158-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 20 02:26:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration



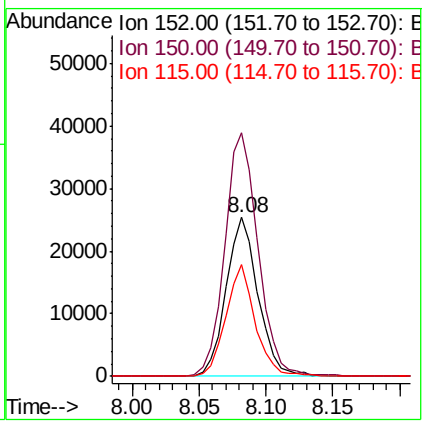


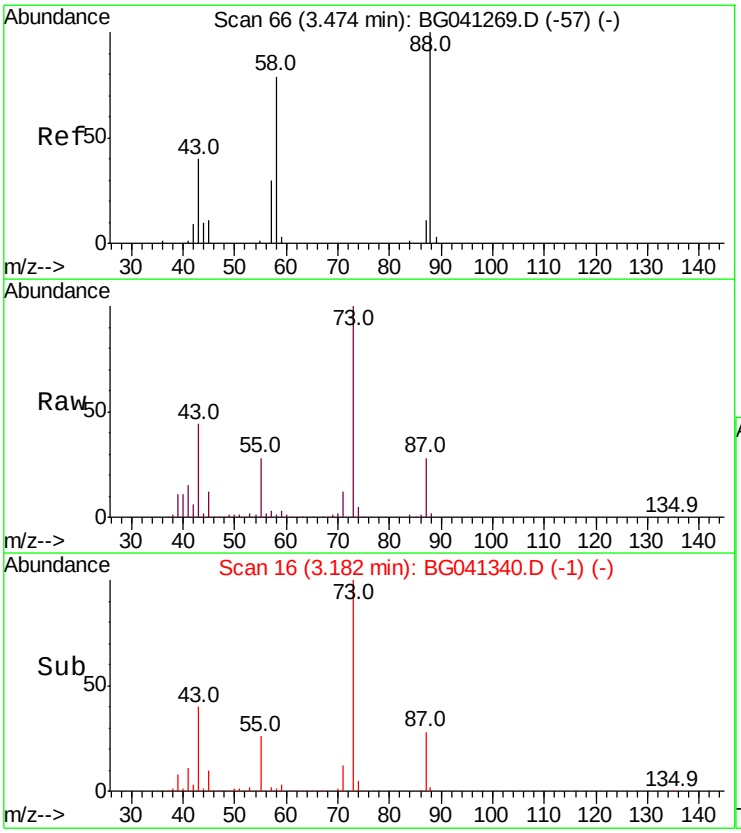
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42400

Ion	Ratio	Lower	Upper
152	100		
150	153.3	120.6	181.0
115	70.7	47.9	71.9

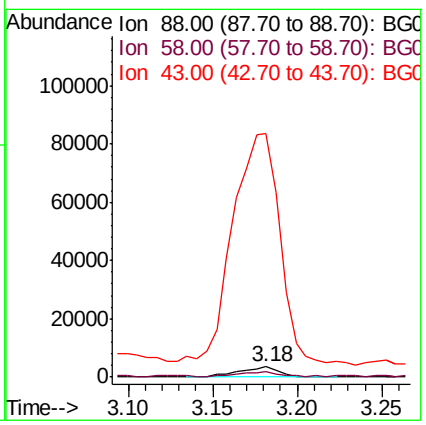


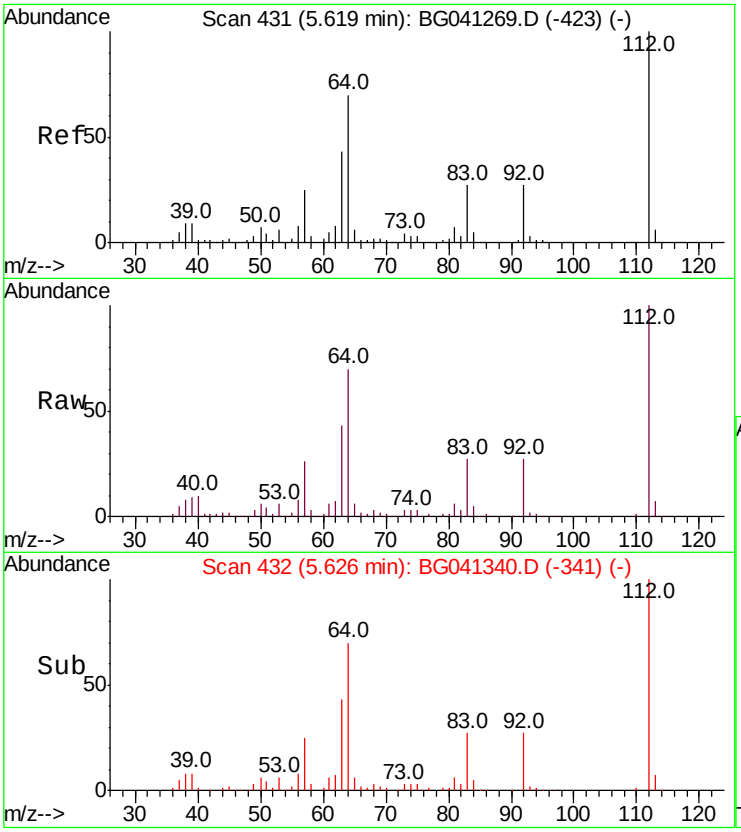


#2
1,4-Dioxane
Concen: 5.252 ng
RT: 3.18 min Scan# 16
Delta R.T. -0.29 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Tgt Ion: 88 Resp: 6077

Ion	Ratio	Lower	Upper
88	100		
58	40.2	59.7	89.5#
43	2570.2	31.9	47.9#



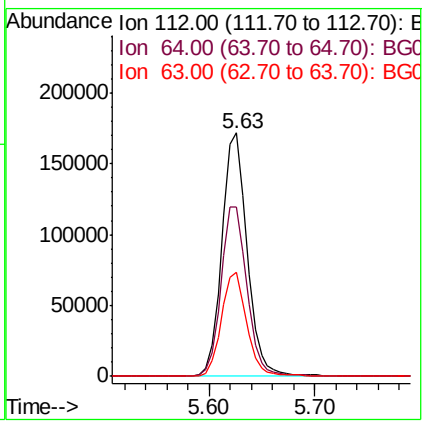


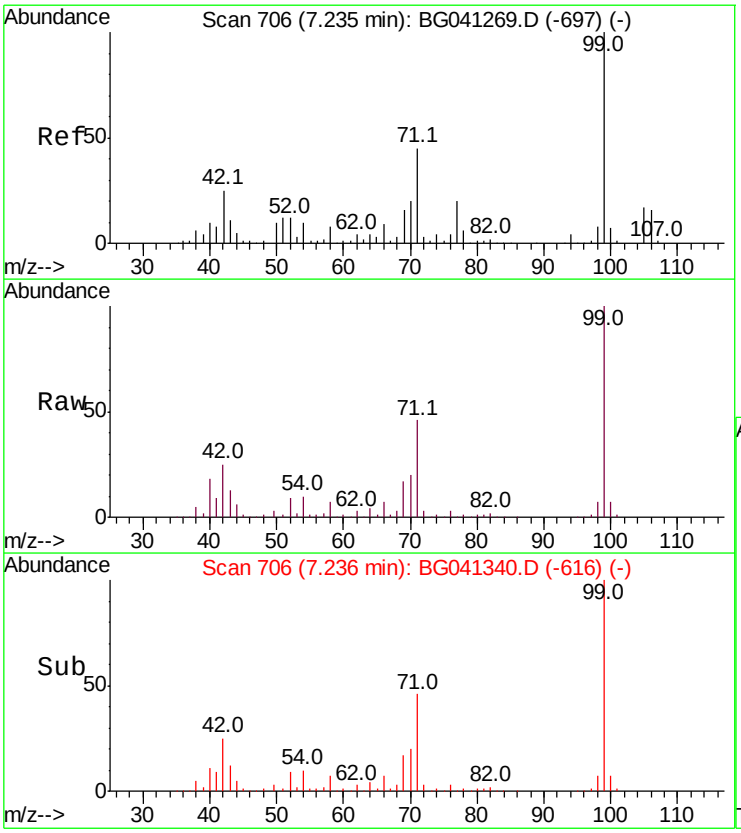
#5
2-Fluorophenol
Concen: 123.343 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 284626

Ion	Ratio	Lower	Upper
112	100		
64	69.7	55.9	83.9
63	42.7	34.6	51.8

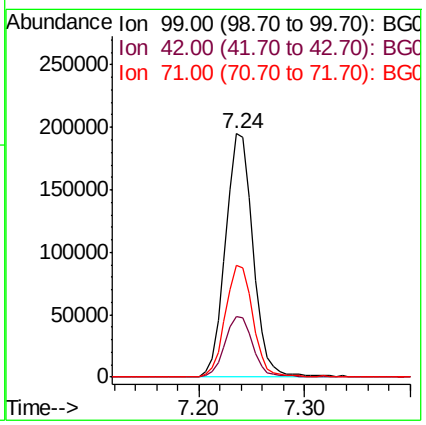


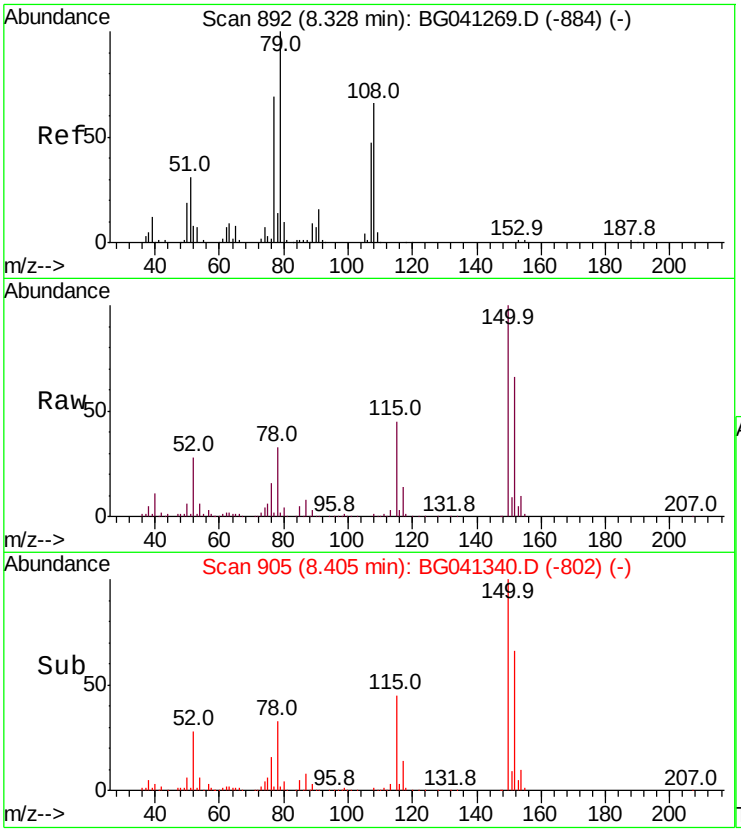


#7
Phenol-d6
Concen: 104.830 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Tgt Ion: 99 Resp: 350642

Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.9	29.9
71	46.0	36.4	54.6



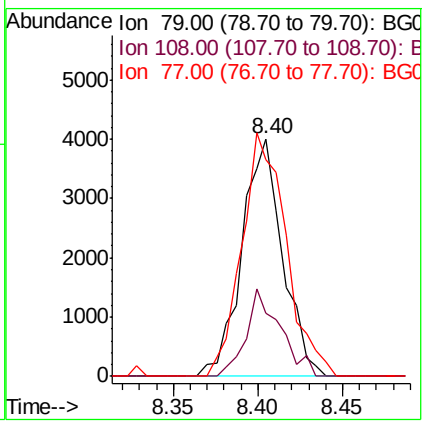


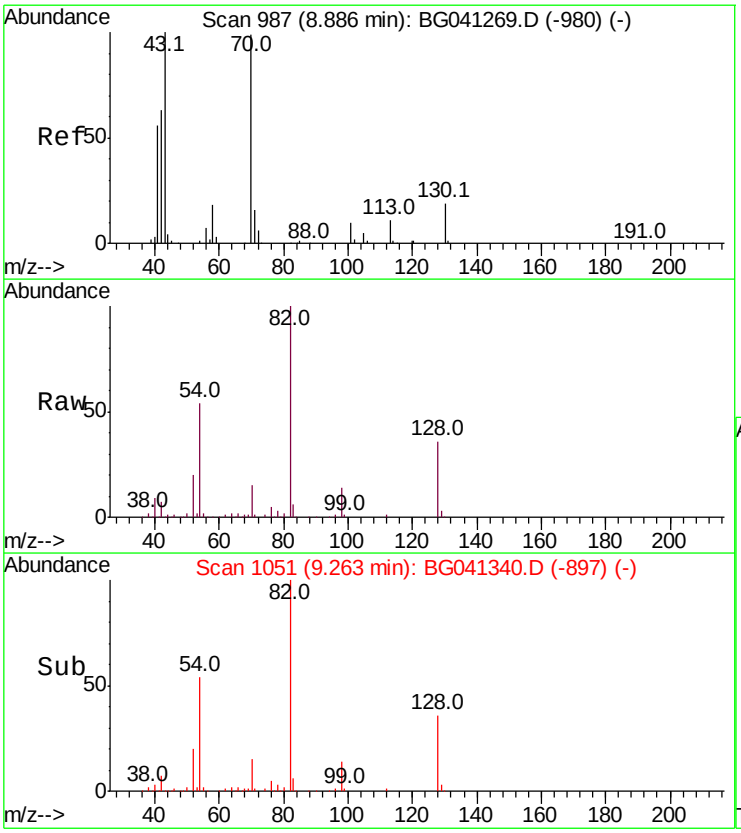
#15
Benzyl Alcohol
Concen: 2.101 ng
RT: 8.40 min Scan# 905
Delta R.T. 0.08 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 6733

Ion	Ratio	Lower	Upper
79	100		
108	26.5	52.7	79.1#
77	91.5	55.2	82.8#

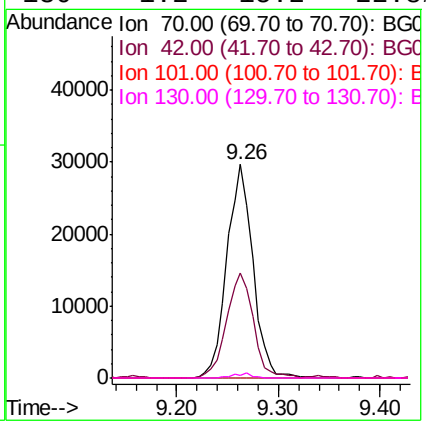


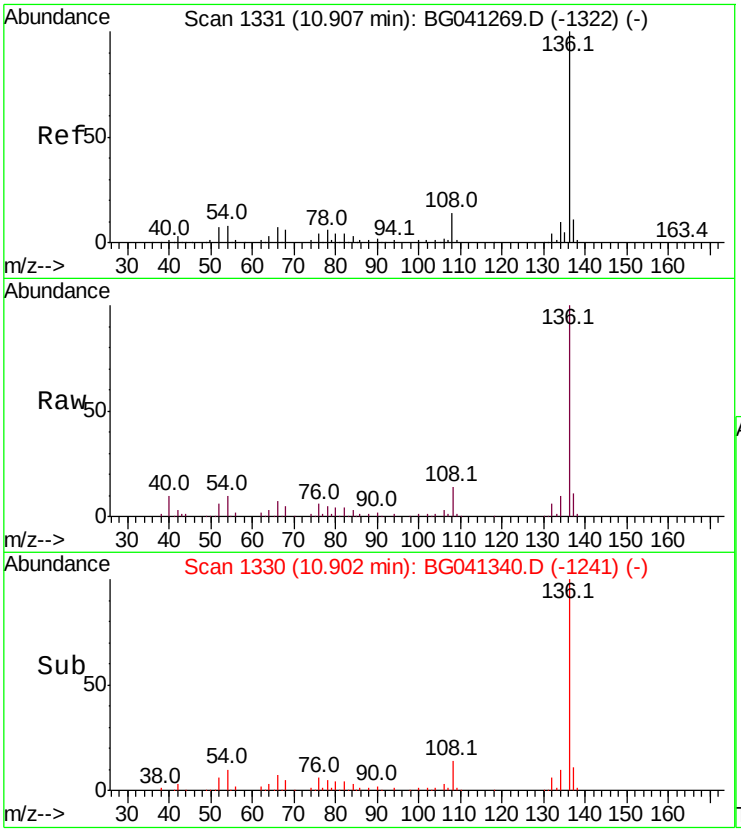


#19
n-Nitroso-di-n-propylamine
Concen: 19.501 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.38 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Tgt Ion: 70 Resp: 52755

Ion	Ratio	Lower	Upper
70	100		
42	49.1	51.4	77.2#
101	0.0	8.2	12.2#
130	1.2	15.2	22.8#



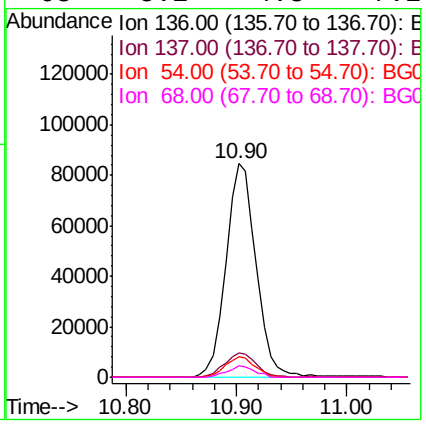


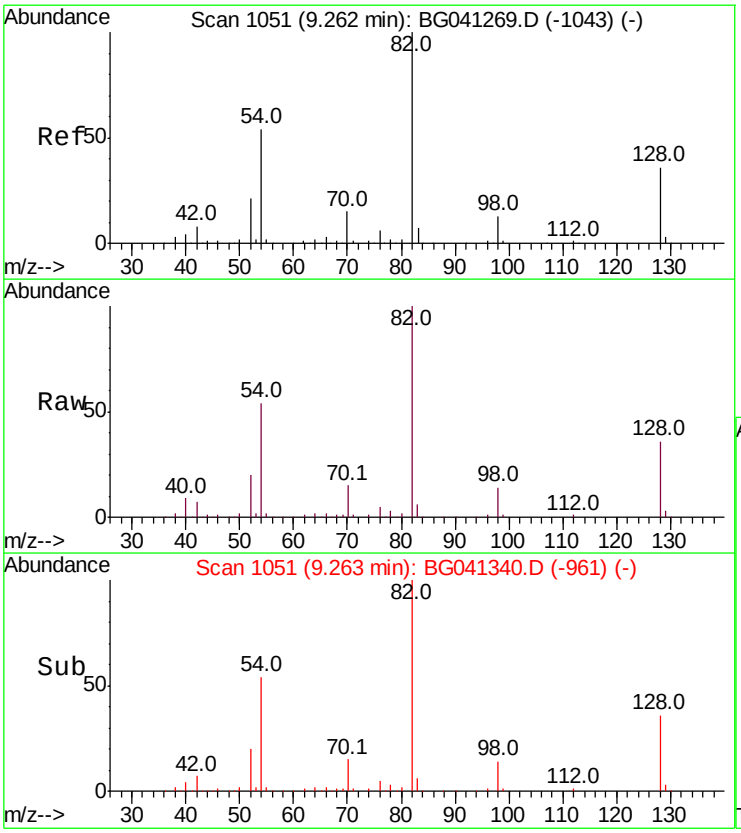
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 161713

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.1	6.4	9.6#
68	5.2	4.8	7.2

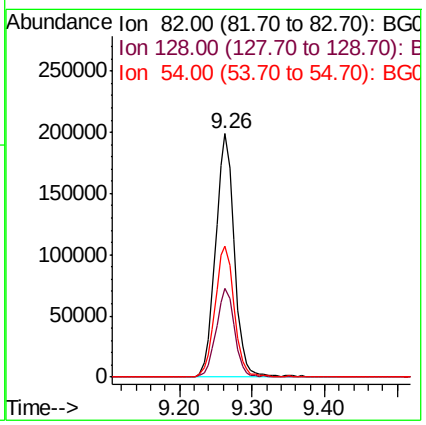


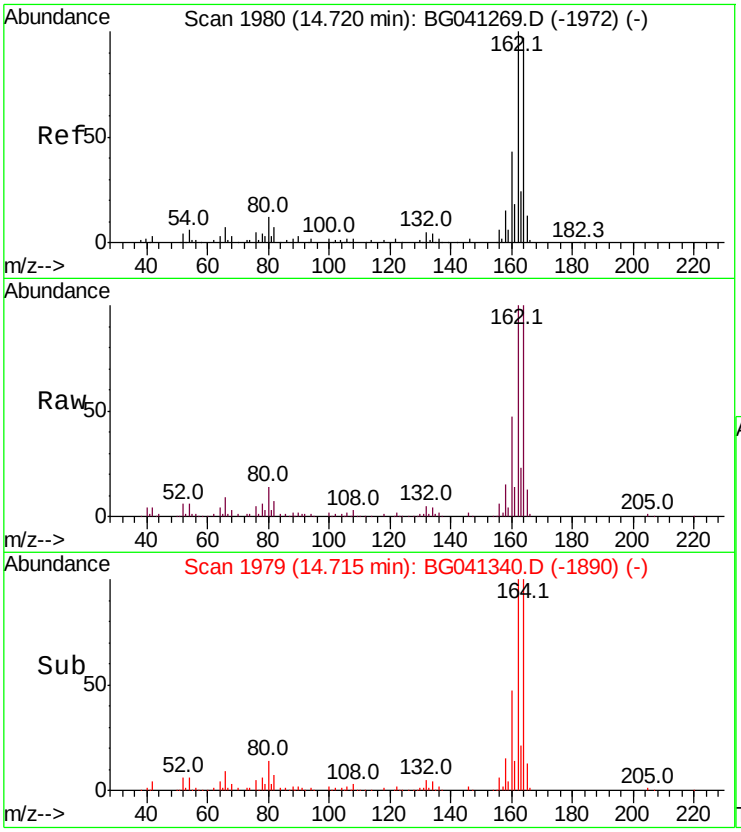


#23
Nitrobenzene-d5
Concen: 92.811 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Tgt Ion: 82 Resp: 356872

Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.2	43.8
54	53.7	43.4	65.0



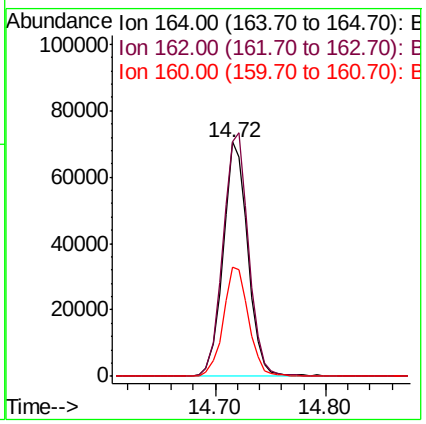


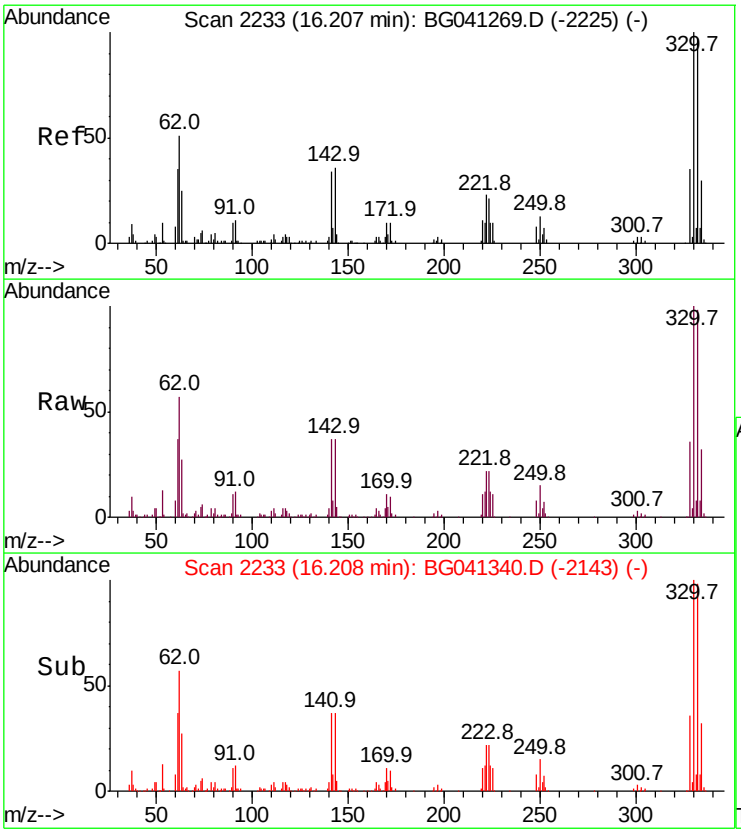
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 110393

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.8	124.2
160	46.7	35.8	53.8

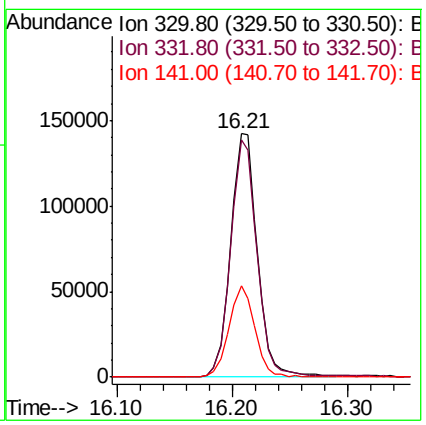


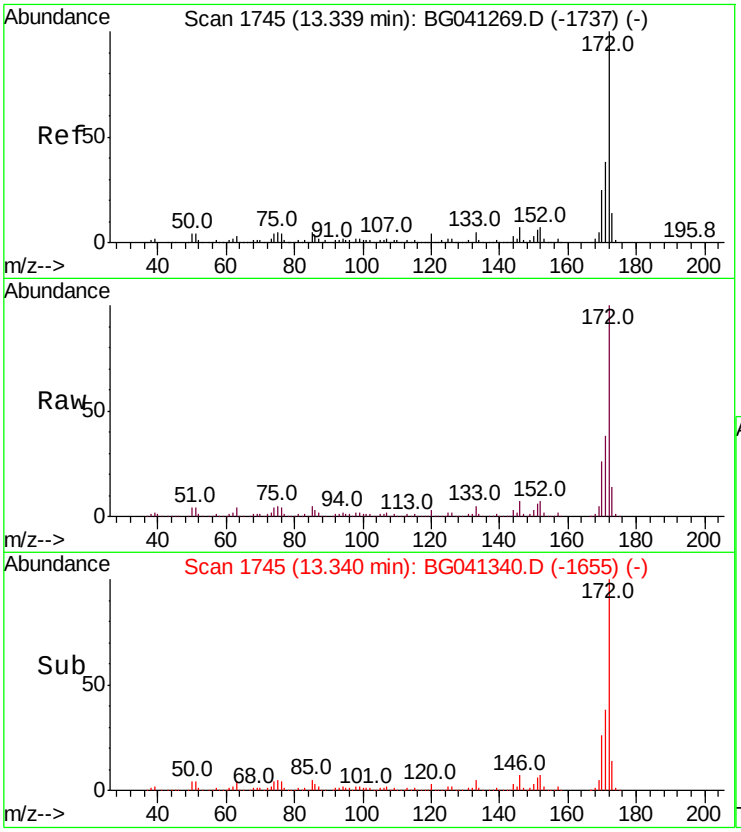


#42
2,4,6-Tribromophenol
Concen: 134.170 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Tgt Ion:330 Resp: 227389

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.5	113.3
141	36.8	29.0	43.4



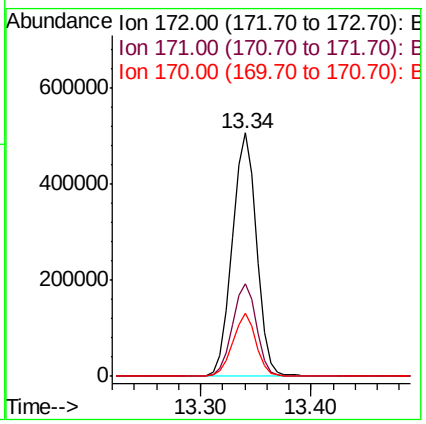


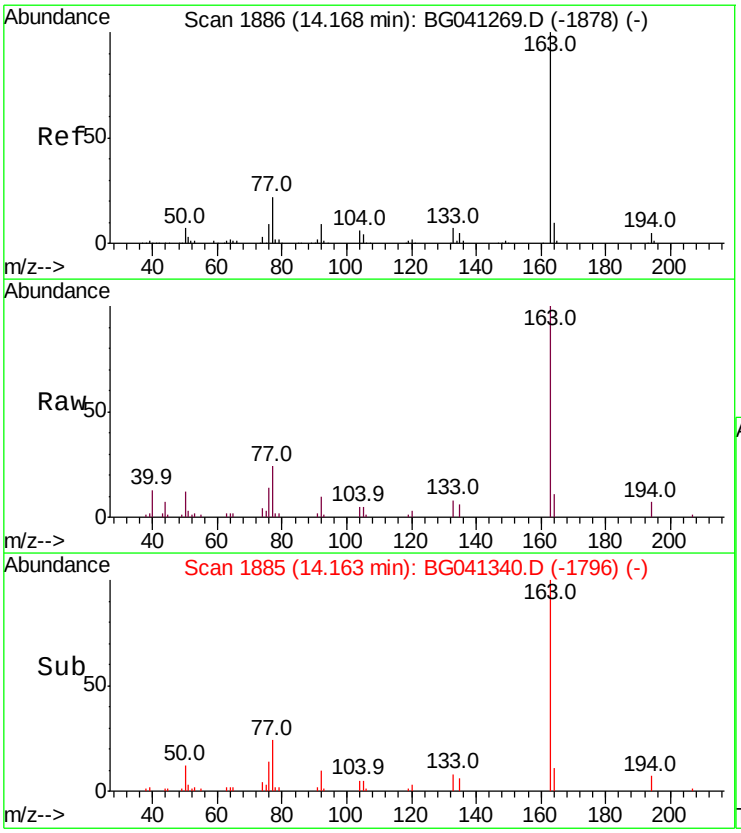
#45
2-Fluorobiphenyl
Concen: 96.681 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 785262

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.7	19.8	29.6

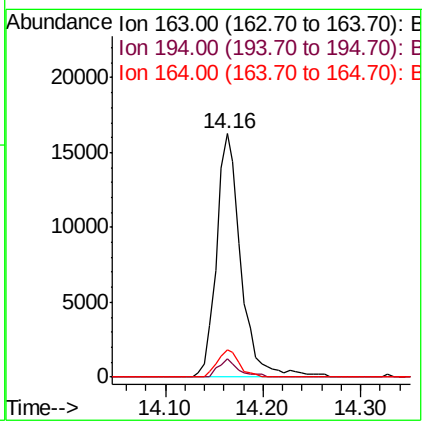


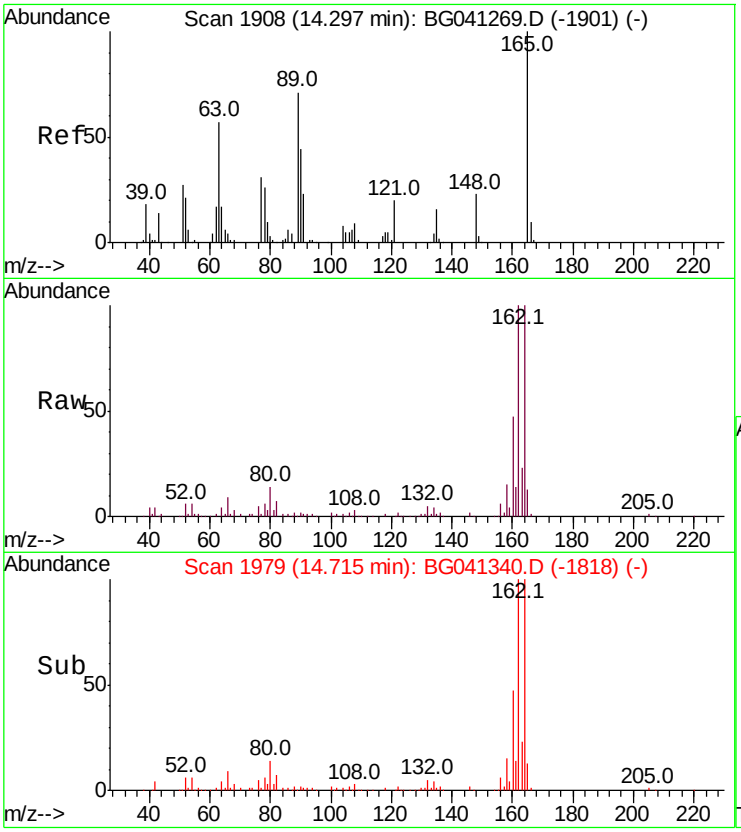


#50
Dimethylphthalate
Concen: 2.859 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Tgt Ion:163 Resp: 28079

Ion	Ratio	Lower	Upper
163	100		
194	7.4	3.9	5.9#
164	11.2	8.3	12.5



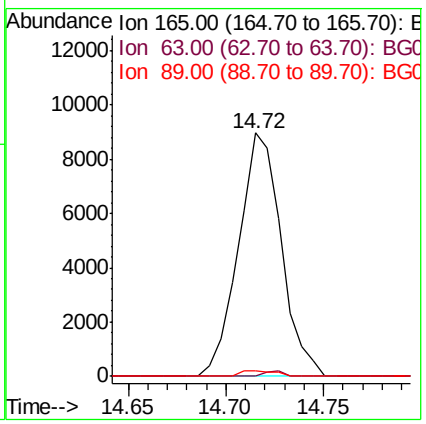


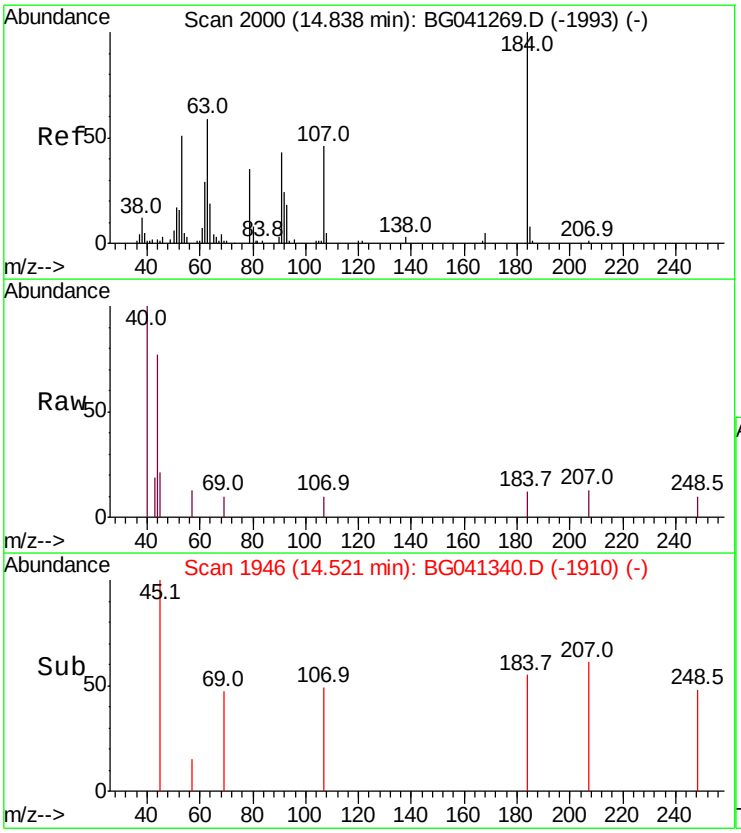
#51
2,6-Dinitrotoluene
Concen: 6.574 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.42 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13615

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	2.3	56.5	84.7#

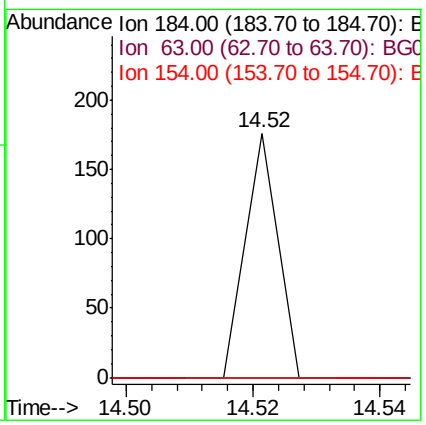


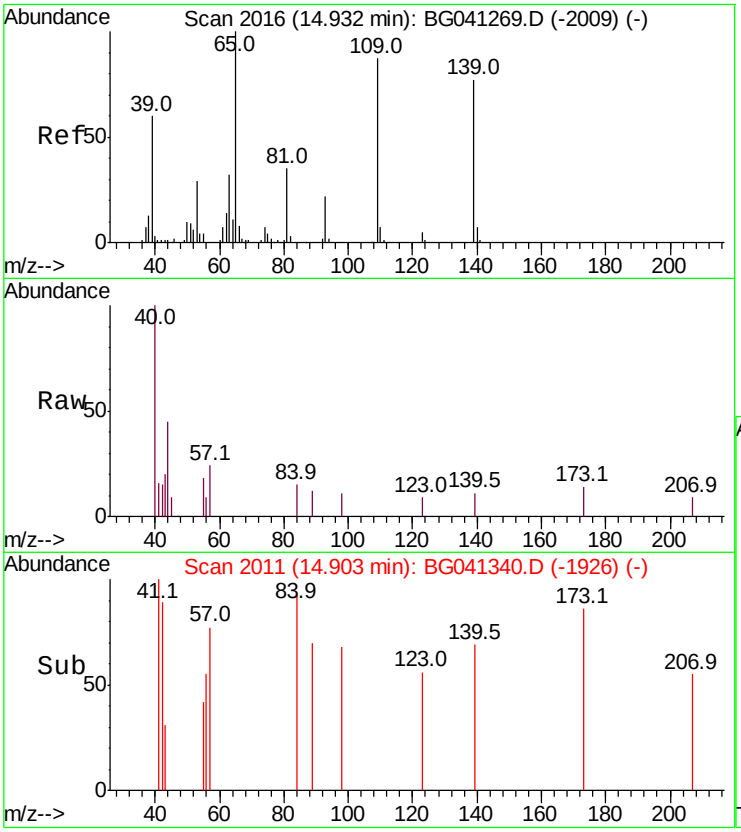


#54
2,4-Dinitrophenol
Concen: 4.885 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.32 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Tgt Ion:184 Resp: 62

Ion	Ratio	Lower	Upper
184	100		
63	0.0	60.0	90.0#
154	0.0	58.3	87.5#



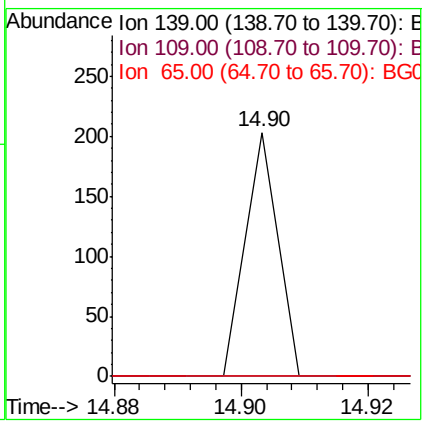


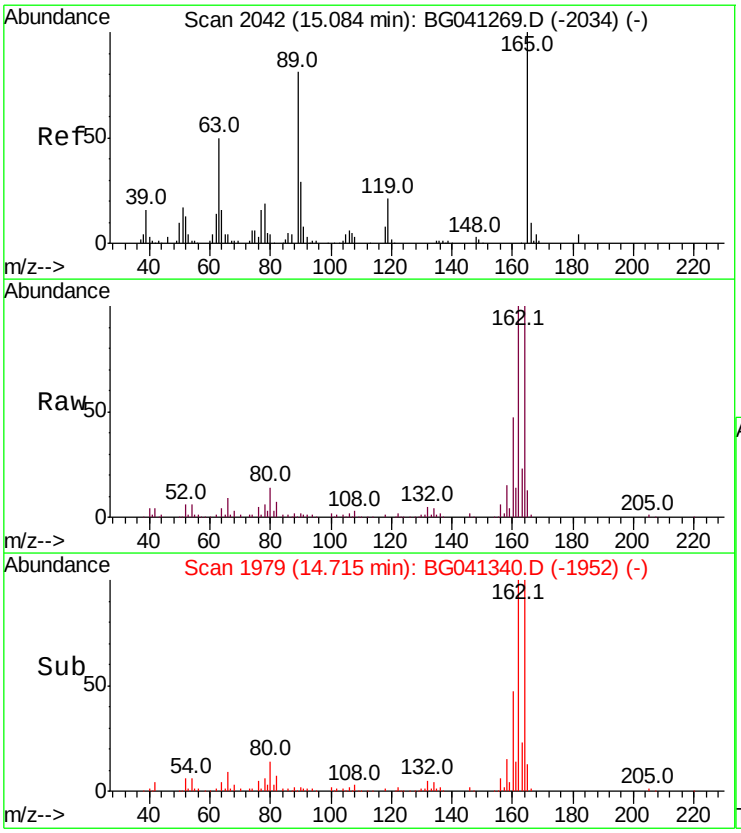
#56
4-Nitrophenol
Concen: 3.260 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 72

Ion	Ratio	Lower	Upper
139	100		
109	0.0	93.2	133.2#
65	0.0	110.2	150.2#

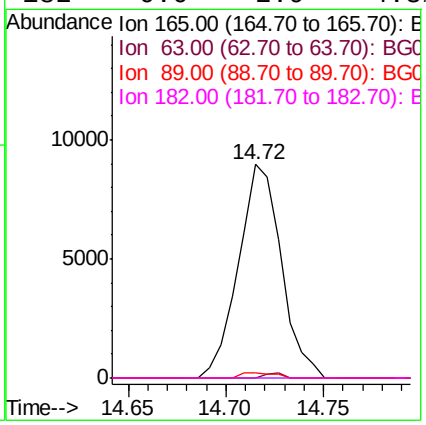


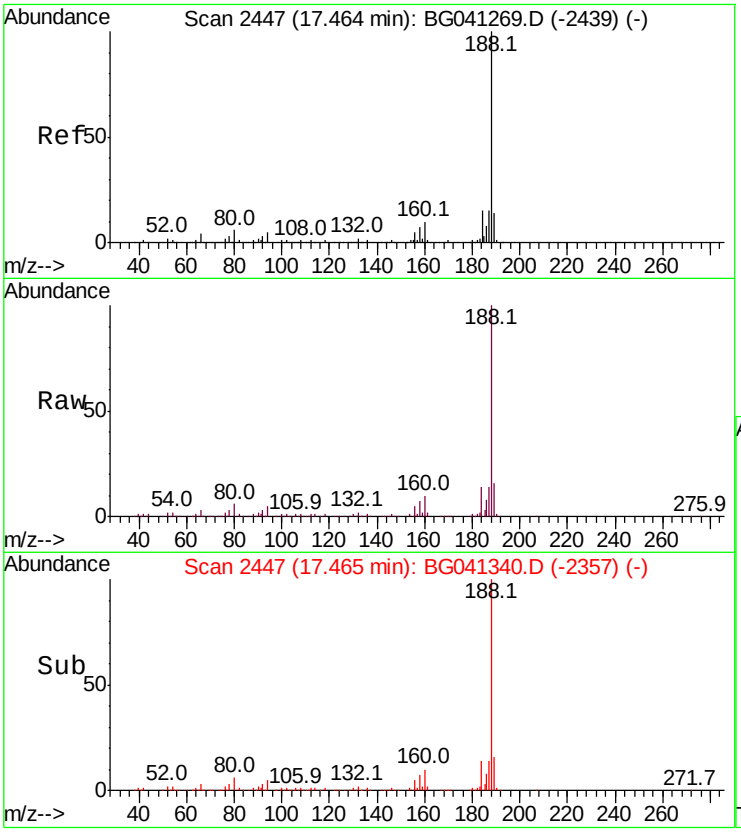


#57
2,4-Dinitrotoluene
Concen: 4.497 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.37 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Tgt Ion:165 Resp: 13615

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	2.3	64.6	96.8#
182	0.0	2.9	4.3#



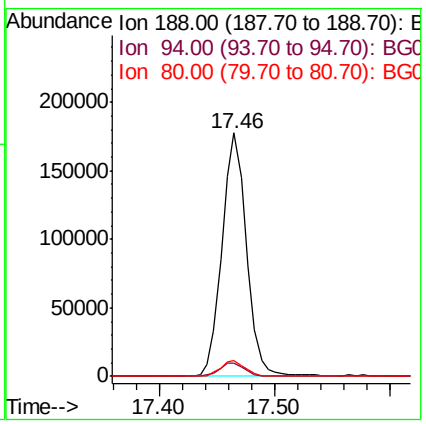


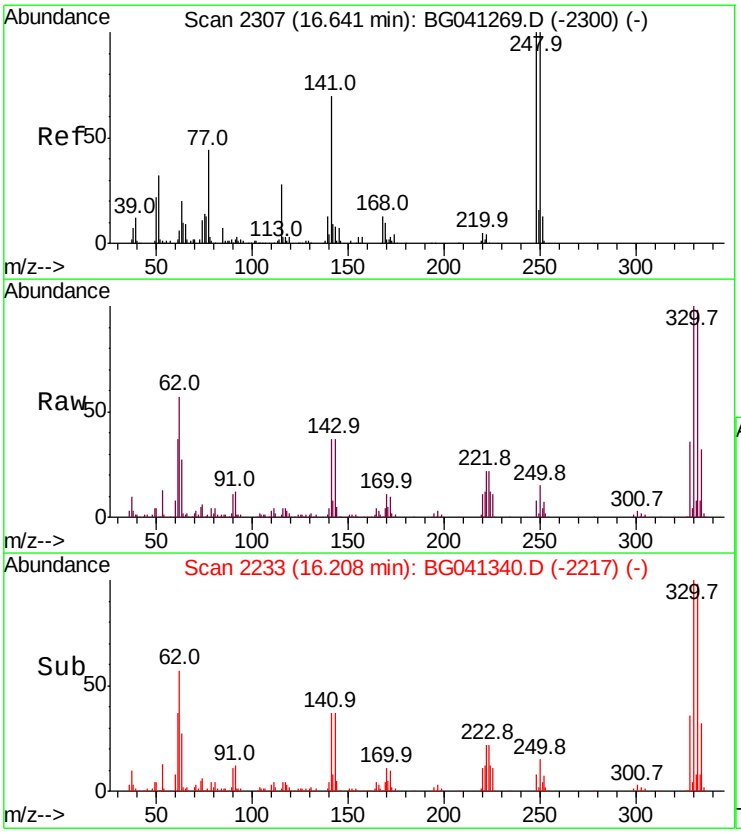
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 261155

Ion	Ratio	Lower	Upper
188	100		
94	5.4	3.6	5.4#
80	6.3	4.8	7.2

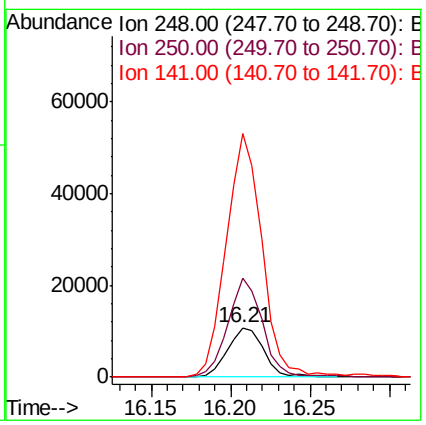


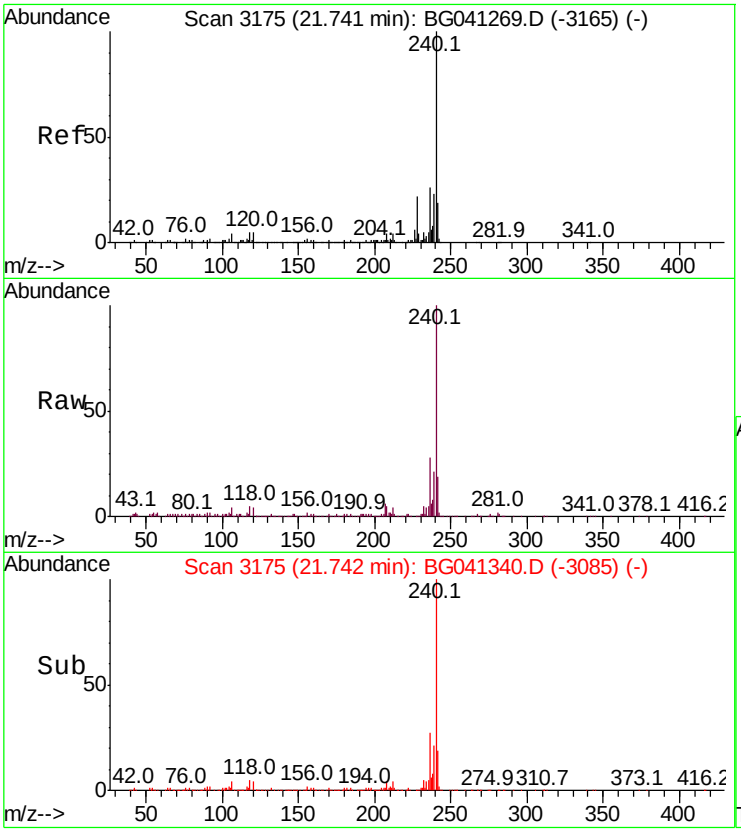


#67
4-Bromophenyl-phenylether
Concen: 4.935 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.43 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Tgt Ion:248 Resp: 16663

Ion	Ratio	Lower	Upper
248	100		
250	200.2	79.8	119.8#
141	494.9	55.8	83.6#



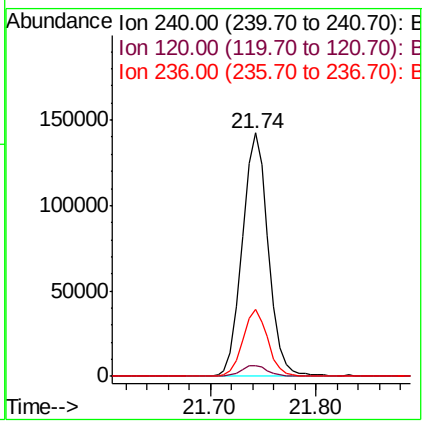


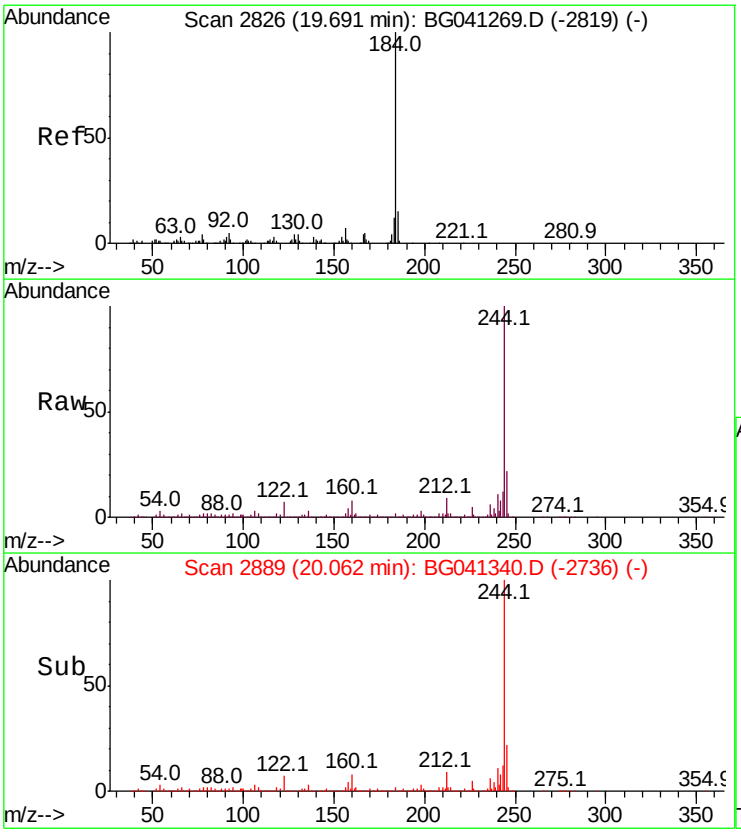
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 243389

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.7	5.5
236	27.5	21.1	31.7

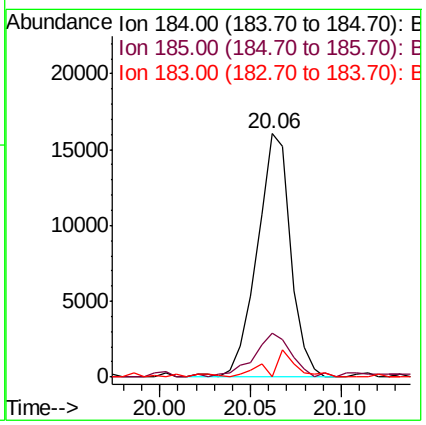


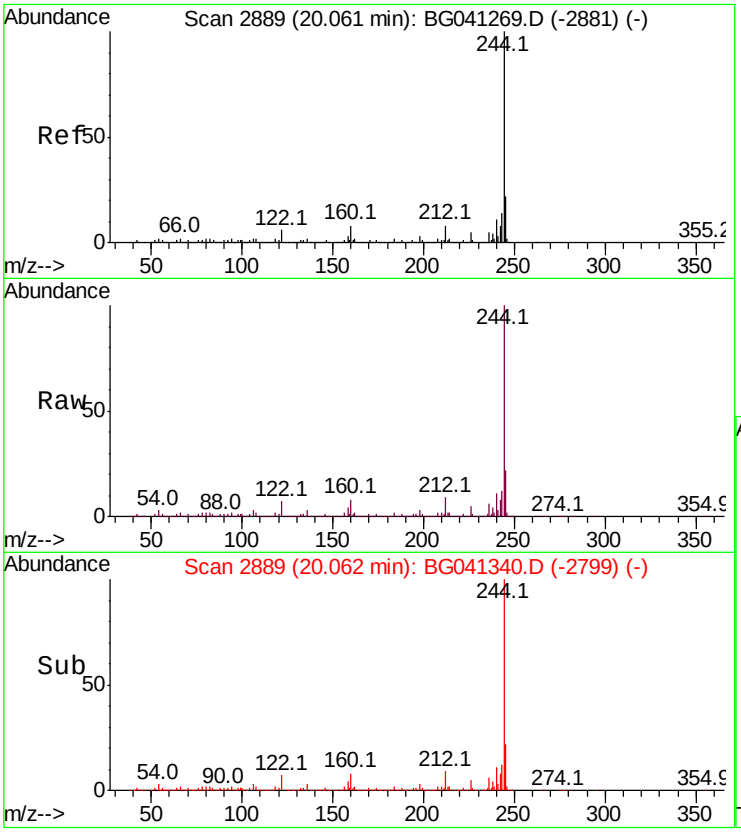


#77
Benzidine
Concen: 3.497 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.37 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Tgt Ion:184 Resp: 20585

Ion	Ratio	Lower	Upper
184	100		
185	18.1	12.2	18.2
183	0.0	9.6	14.4#



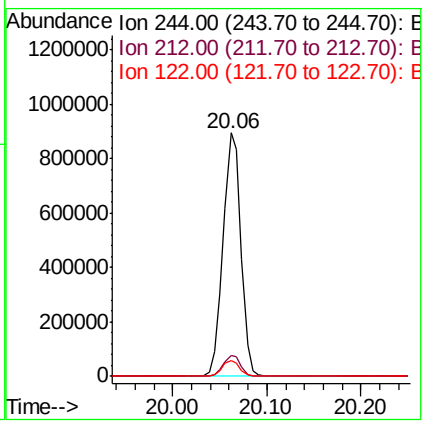


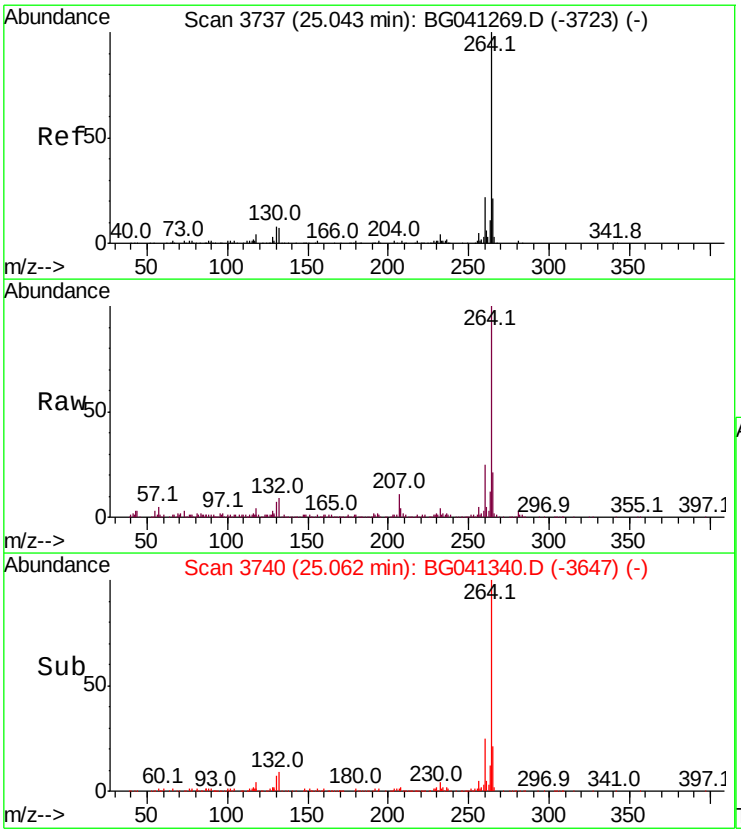
#79
Terphenyl-d14
Concen: 96.186 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1181284

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	10.0
122	6.7	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3740
Delta R.T. 0.02 min
Lab File: BG041340.D
Acq: 20 Jun 2019 00:34

Tgt Ion:264 Resp: 248207

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.2
265	20.9	17.2	25.8