Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032420\
Data File : BG044937.D
Acq On : 24 Mar 2020 19:27
Operator : CG/JU
Sample : PB127786BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127786BL

Quant Time: Mar 25 02:34:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81637	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	317475	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	214114	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	493372	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	499155	20.00	ng	-0.02
87) Perylene-d12	24.89	264	524010	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	732742	139.72	ng	0.00
7) Phenol-d6	7.20	99	1002823	131.61	ng	0.00
23) Nitrobenzene-d5	9.20	82	652548	90.20	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	424459	151.40	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1406597	94.08	ng	0.00
79) Terphenyl-d14	20.03	244	2272275	85.15	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.20	77	1778	Below Cal	#	6
15) Benzyl Alcohol	8.36	79	12565	2.06	ng	# 44
19) n-Nitroso-di-n-propylamine	9.19	70	89999	16.73	ng	# 75
26) 2-Nitrophenol	10.09	139	55	5.53	ng	# 28
32) Benzoic acid	9.97	122	80	9.69	ng	# 1
51) 2,6-Dinitrotoluene	14.67	165	27713	8.06	ng	# 21
54) 2,4-Dinitrophenol	14.93	184	68	8.36	ng	# 21
57) 2,4-Dinitrotoluene	14.67	165	27713	5.88	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.15	198	1555	8.29	ng	# 14
67) 4-Bromophenyl-phenylether	16.16	248	29130	4.72	ng	# 1
77) Benzidine	20.03	184	44563	2.75	ng	# 90

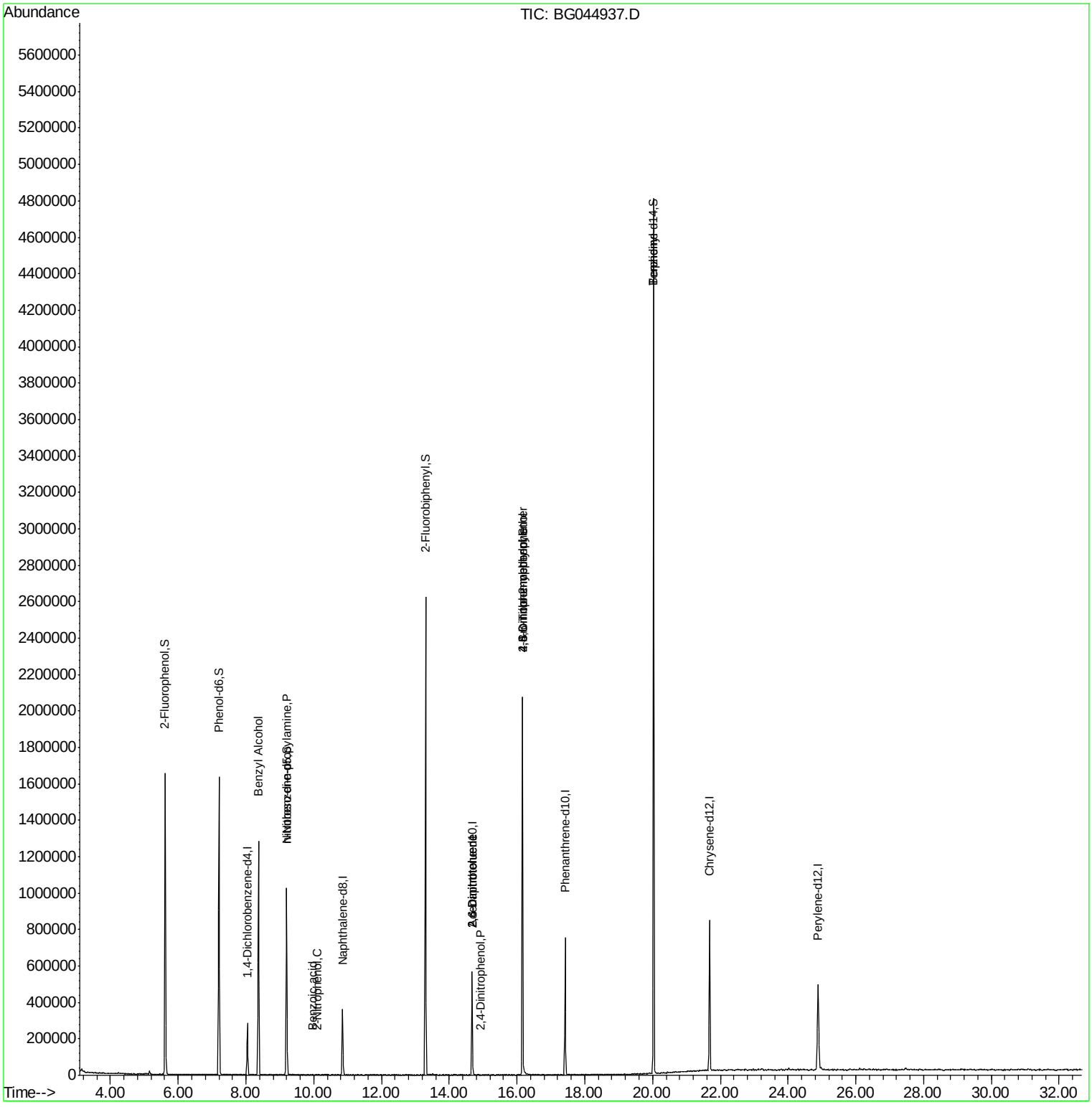
(#) = qualifier out of range (m) = manual integration (+) = signals summed

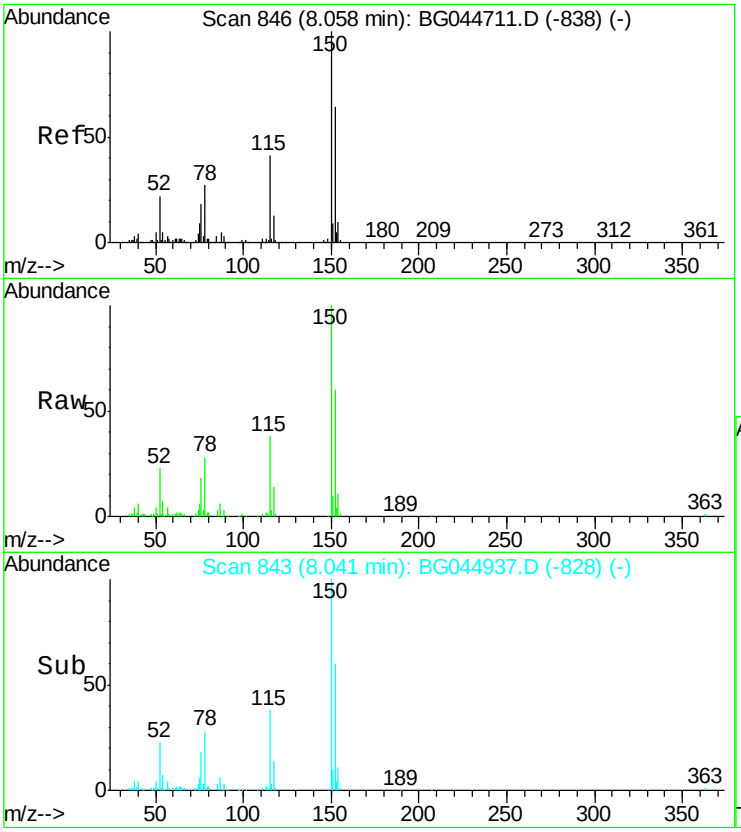
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032420\
Data File : BG044937.D
Acq On : 24 Mar 2020 19:27
Operator : CG/JU
Sample : PB127786BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127786BL

Quant Time: Mar 25 02:34:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration



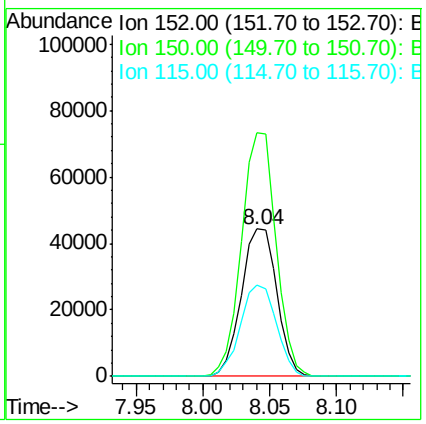


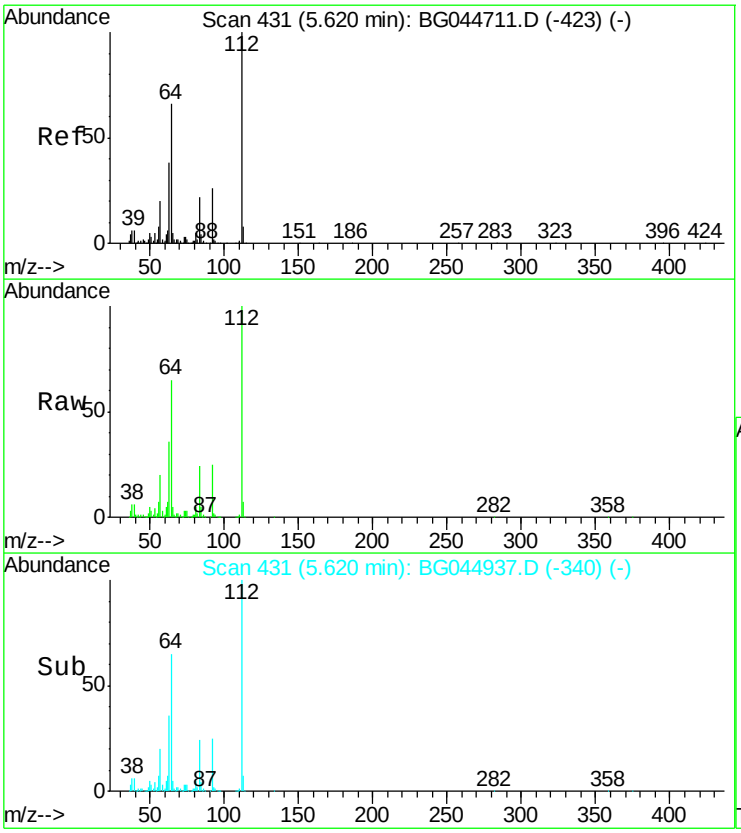
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PB127786BL

Tgt Ion:152 Resp: 81637

Ion	Ratio	Lower	Upper
152	100		
150	165.6	128.8	193.2
115	62.5	52.6	79.0

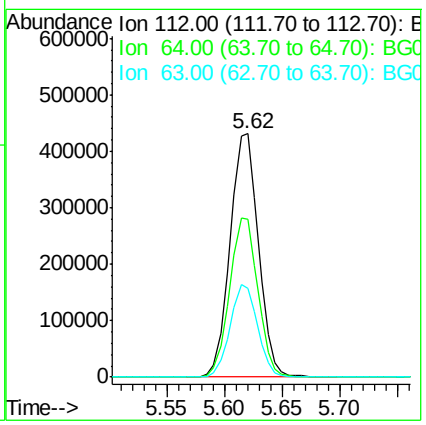


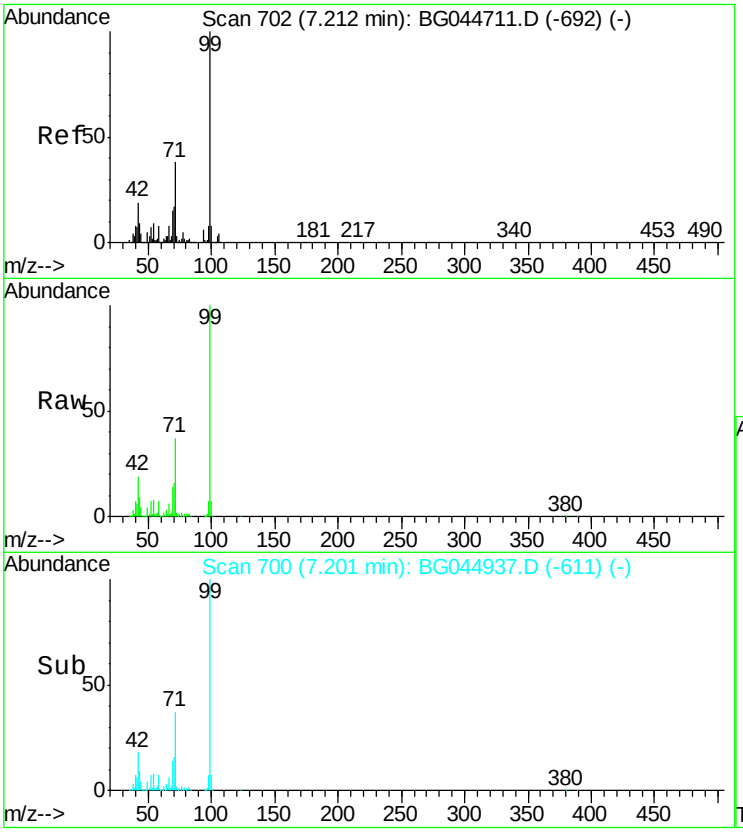


#5
2-Fluorophenol
Concen: 139.72 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Tgt Ion:112 Resp: 732742

Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.4	80.2
63	36.5	29.4	44.2



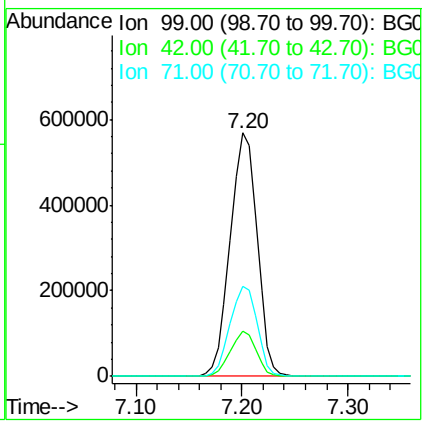


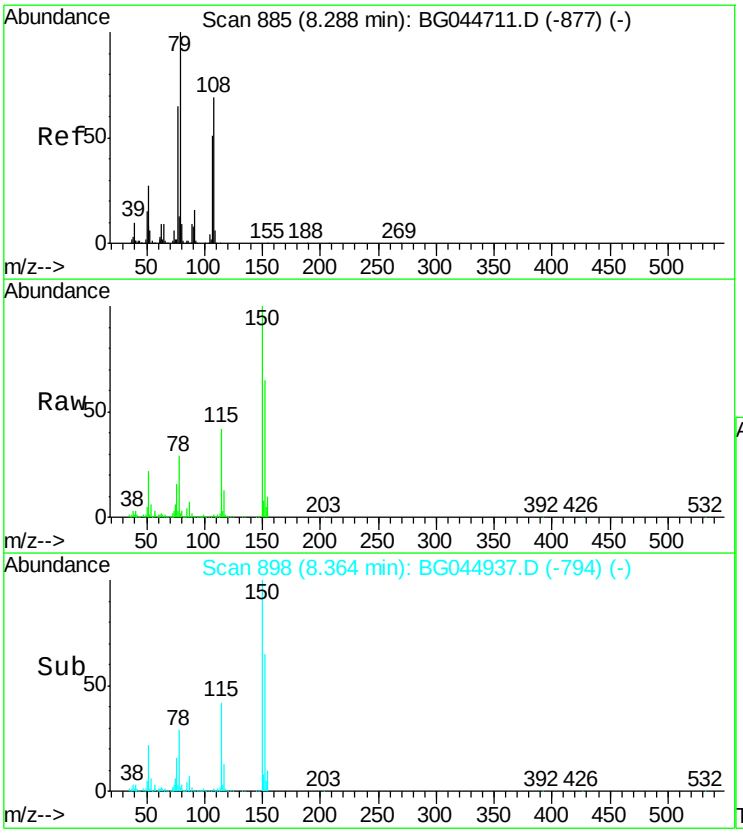
#7
Phenol-d6
Concen: 131.61 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PB127786BL

Tgt Ion: 99 Resp: 1002823

Ion	Ratio	Lower	Upper
99	100		
42	18.5	12.6	19.0
71	36.7	29.0	43.4

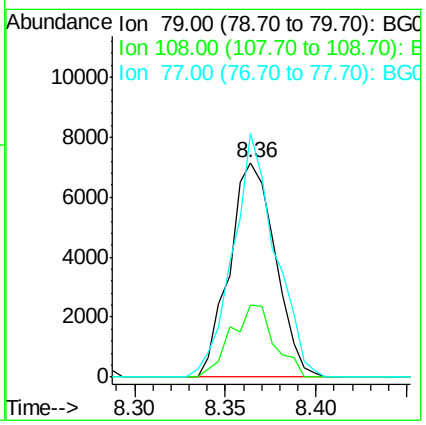


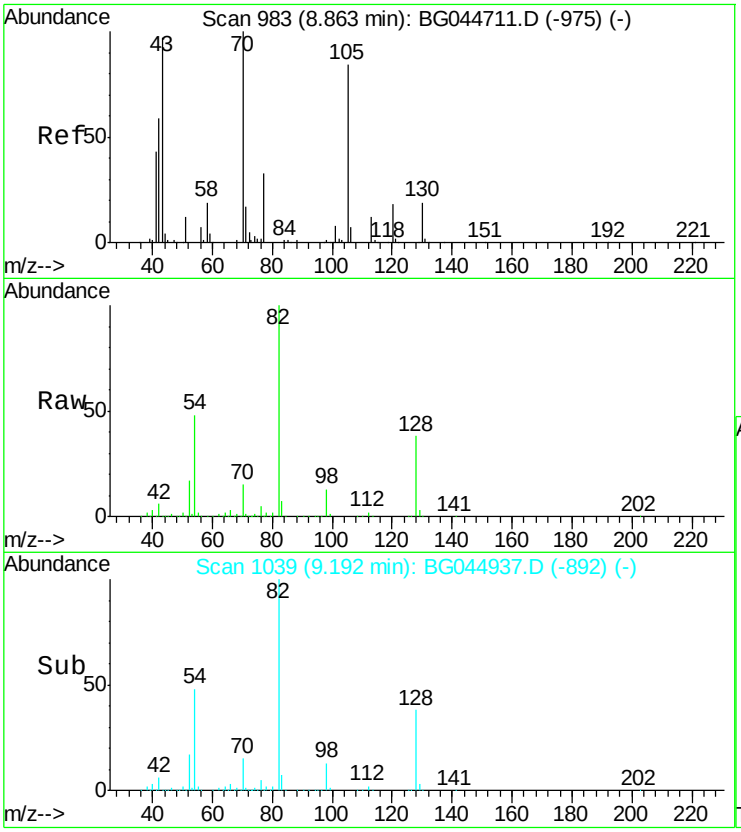


#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 8.36 min Scan# 898
Delta R.T. 0.08 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Tgt Ion: 79 Resp: 12565

Ion	Ratio	Lower	Upper
79	100		
108	33.4	53.8	80.8#
77	113.4	47.8	71.8#



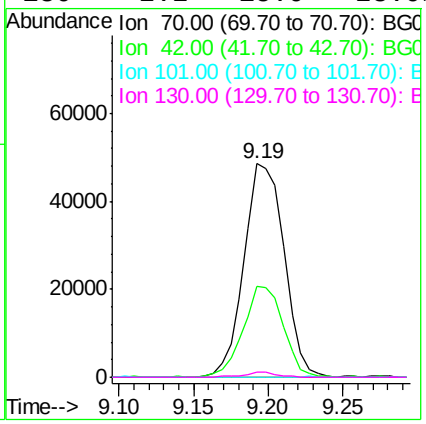


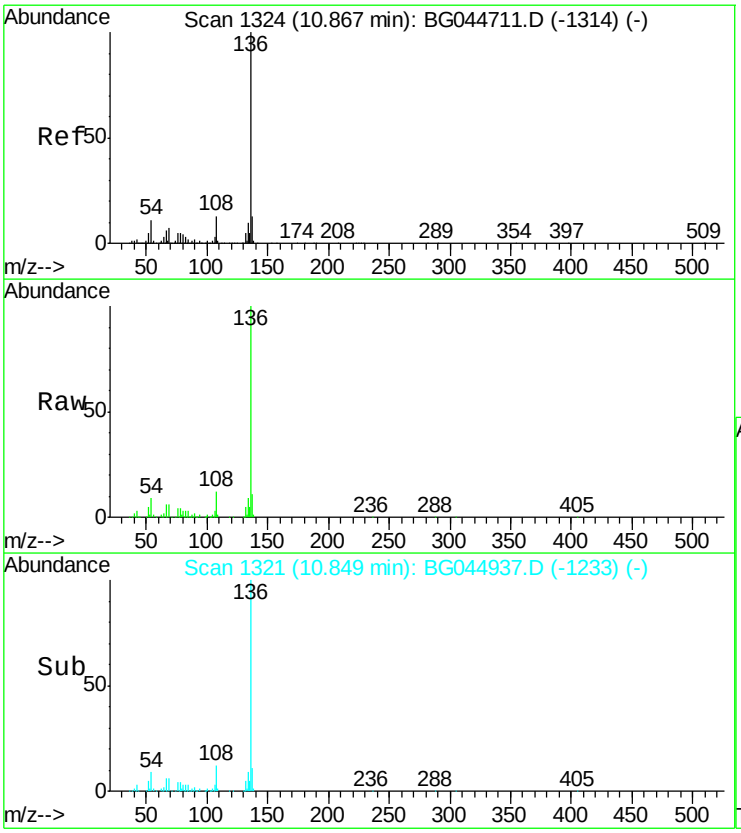
#19
n-Nitroso-di-n-propylamine
Concen: 16.73 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.34 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PB127786BL

Tgt Ion: 70 Resp: 89999

Ion	Ratio	Lower	Upper
70	100		
42	42.6	45.7	68.5#
101	0.0	7.4	11.2#
130	2.2	15.9	23.9#

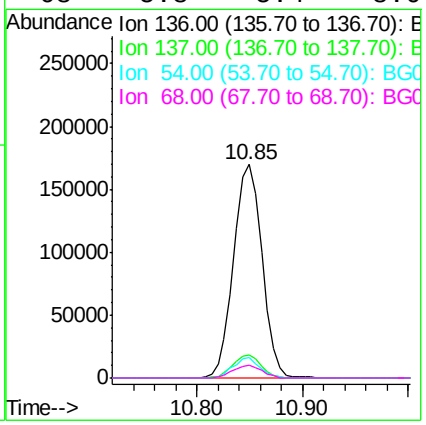


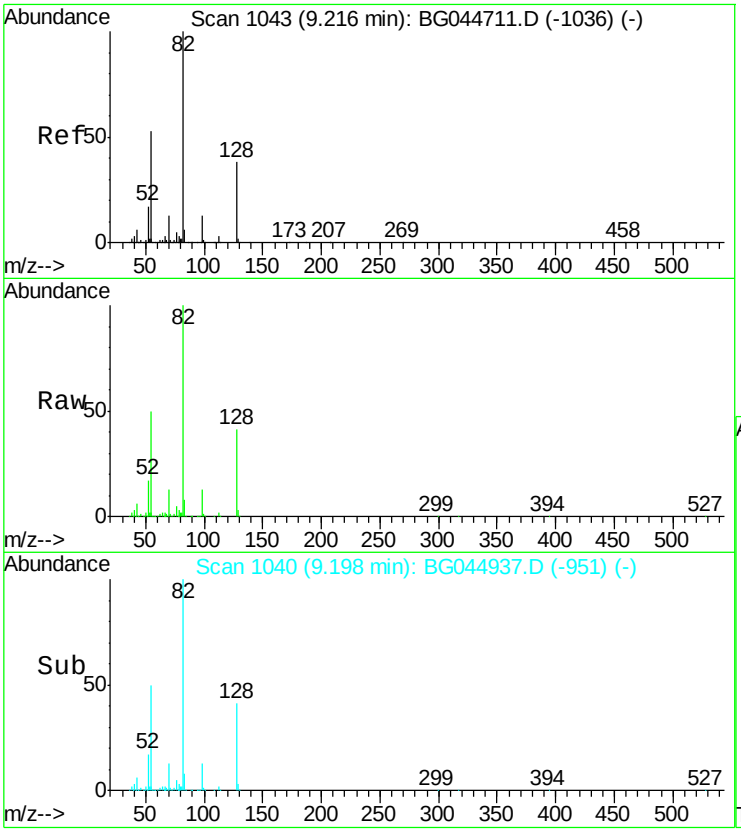


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Tgt Ion:136 Resp: 317475

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	9.4	7.9	11.9
68	5.8	5.4	8.0



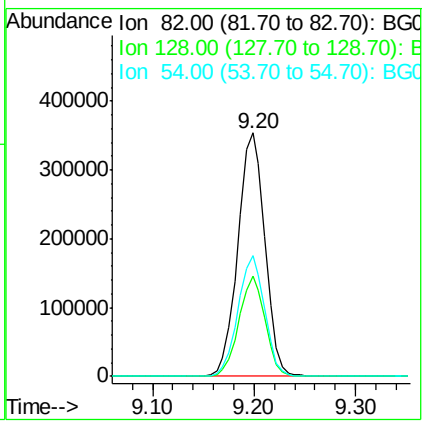


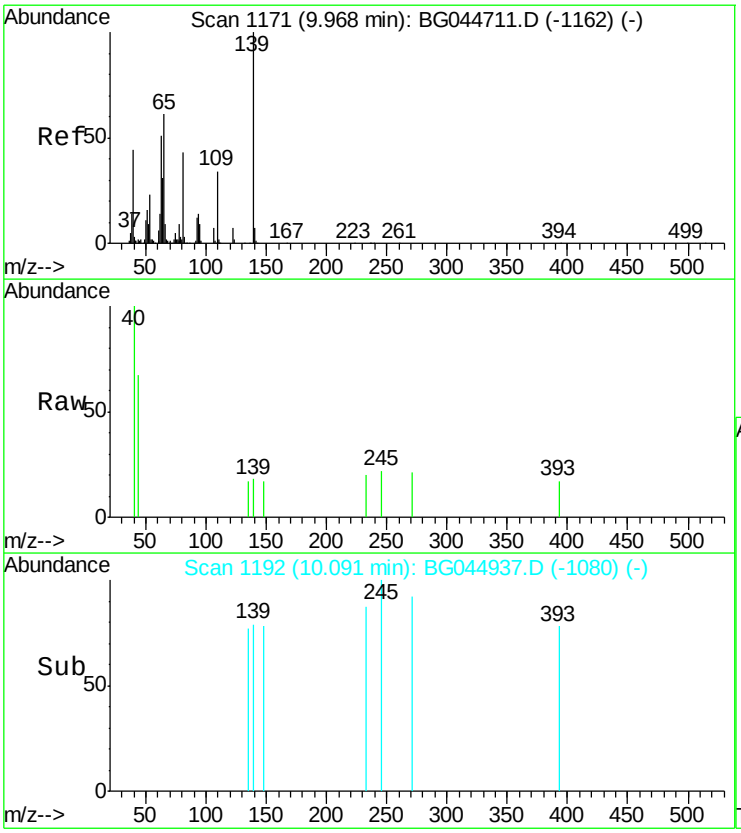
#23
Nitrobenzene-d5
Concen: 90.20 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PB127786BL

Tgt Ion: 82 Resp: 652548

Ion	Ratio	Lower	Upper
82	100		
128	41.3	30.6	46.0
54	49.6	37.1	55.7

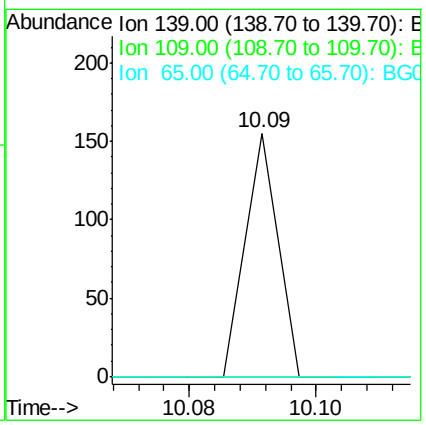


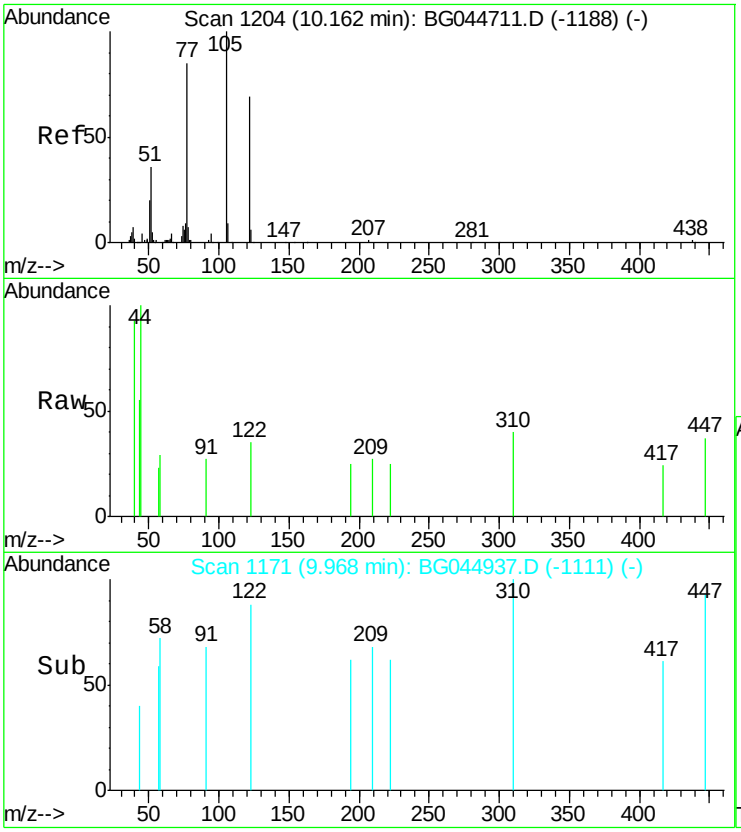


#26
2-Nitrophenol
Concen: 5.53 ng
RT: 10.09 min Scan# 1192
Delta R.T. 0.13 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Tgt Ion:139 Resp: 55

Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.2	45.4#
65	0.0	46.3	69.5#



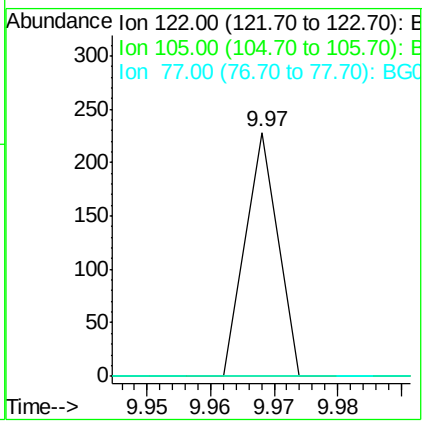


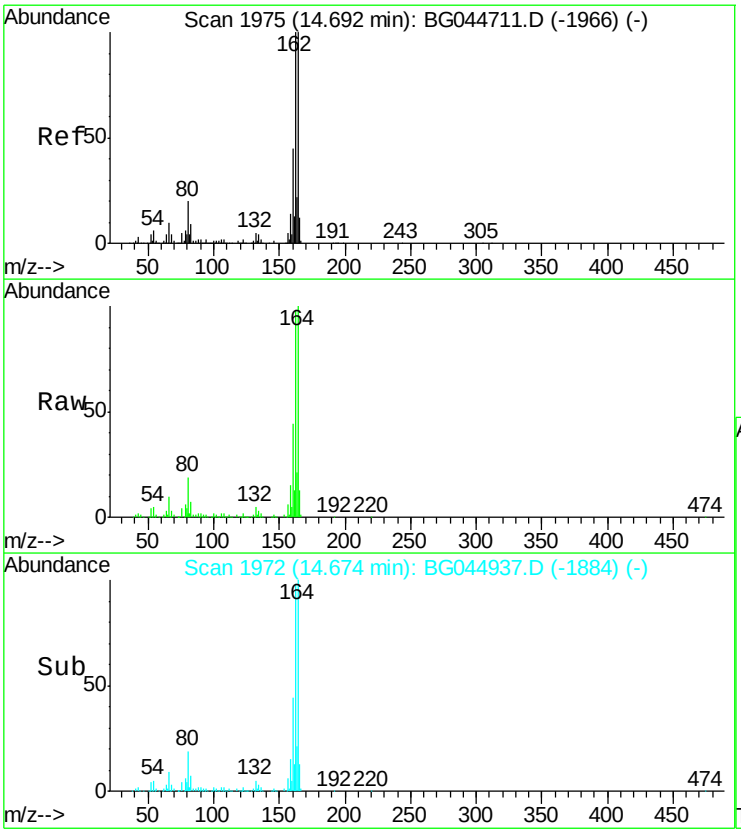
#32
Benzoic acid
Concen: 9.69 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.18 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PB127786BL

Tgt Ion:122 Resp: 80

Ion	Ratio	Lower	Upper
122	100		
105	0.0	109.1	149.1#
77	0.0	85.3	125.3#

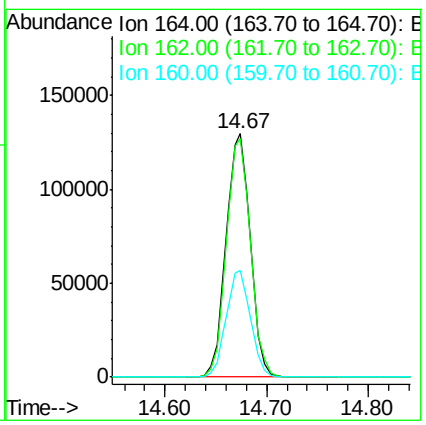


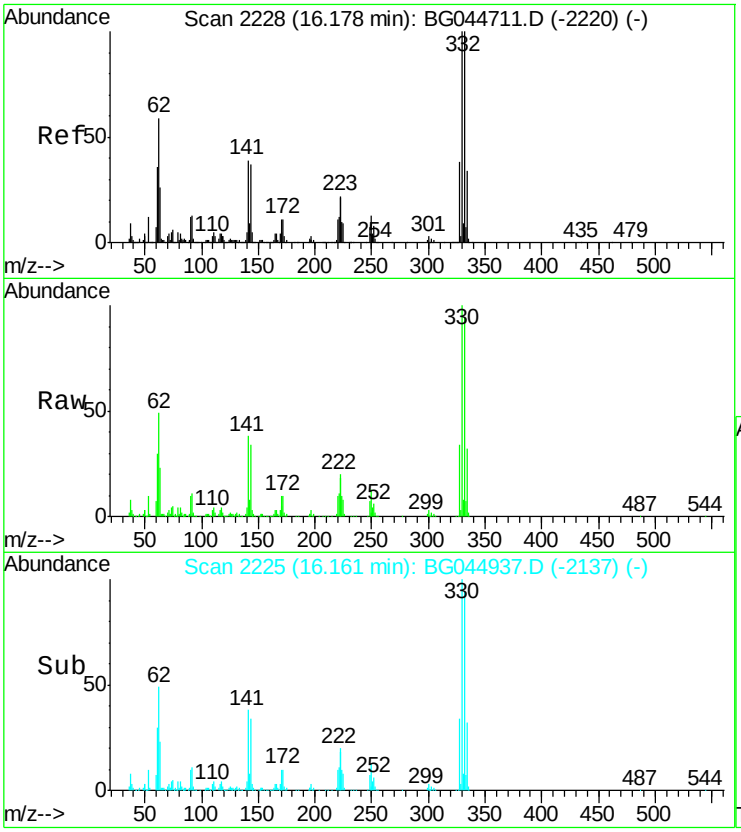


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Tgt Ion:164 Resp: 214114

Ion	Ratio	Lower	Upper
164	100		
162	98.0	76.7	115.1
160	43.6	35.0	52.4



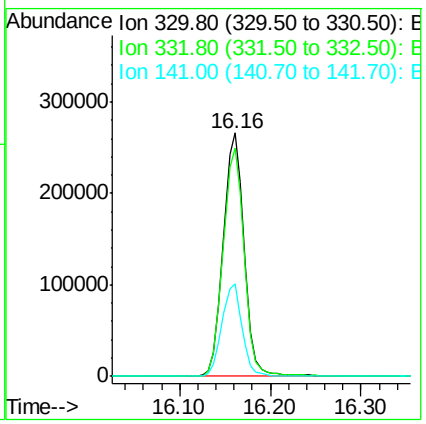


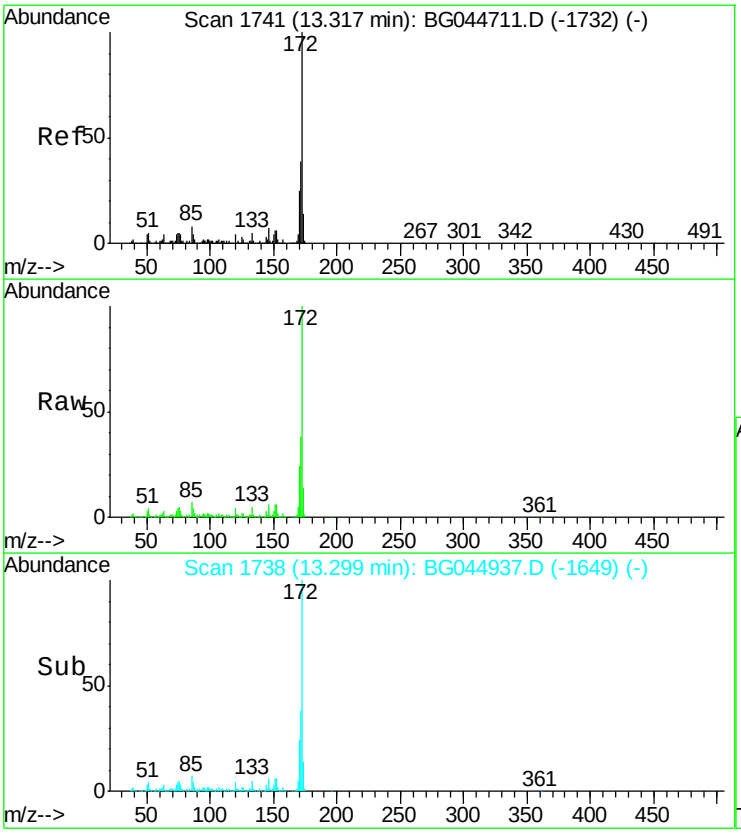
#42
2,4,6-Tribromophenol
Concen: 151.40 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PB127786BL

Tgt Ion:330 Resp: 424459

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.8	116.6
141	37.0	29.5	44.3

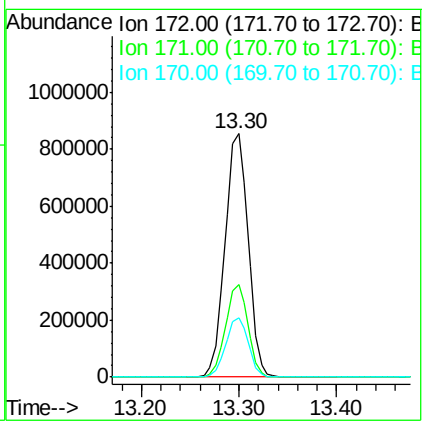


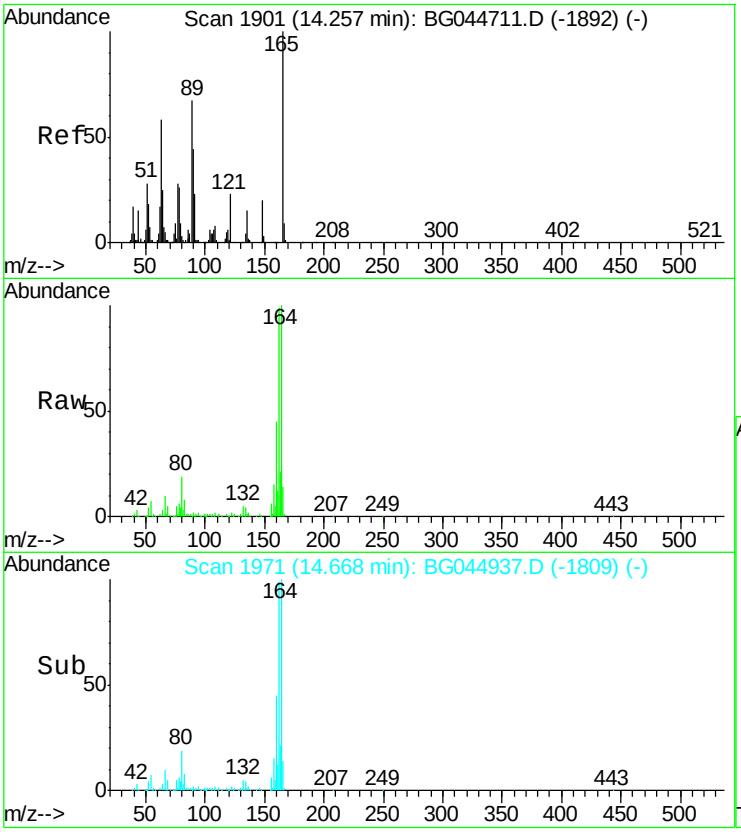


#45
2-Fluorobiphenyl
Concen: 94.08 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Tgt Ion:172 Resp: 1406597

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.7	43.1
170	24.3	19.0	28.6



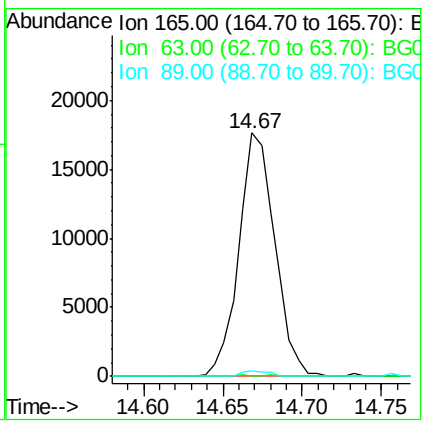


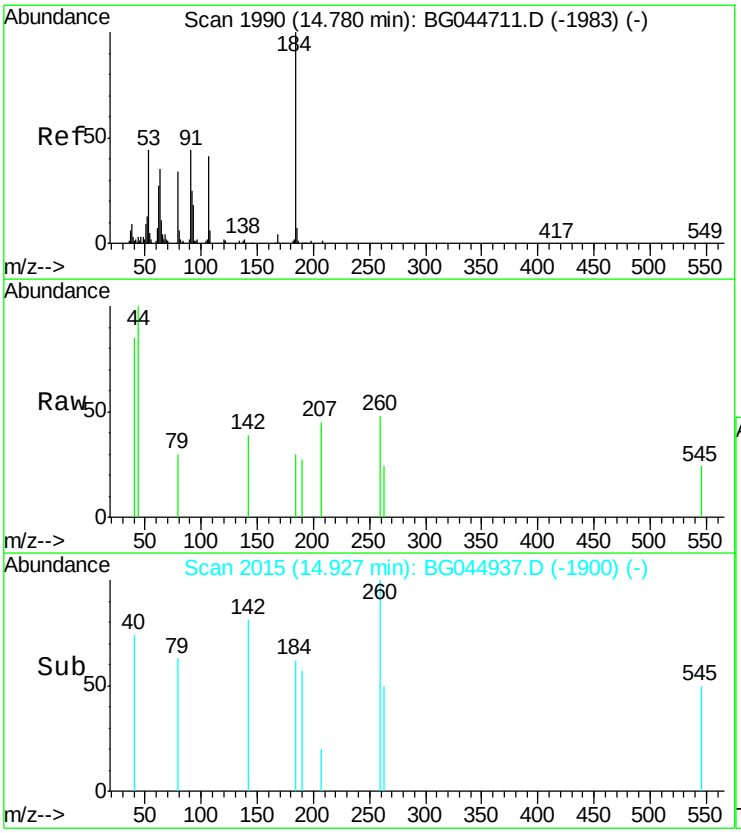
#51
2,6-Dinitrotoluene
Concen: 8.06 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.42 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PB127786BL

Tgt Ion:165 Resp: 27713

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.8#
89	2.0	51.8	77.6#

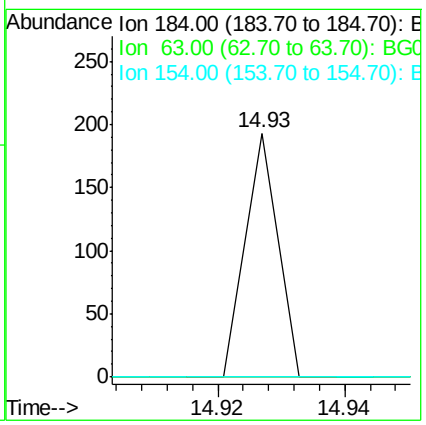


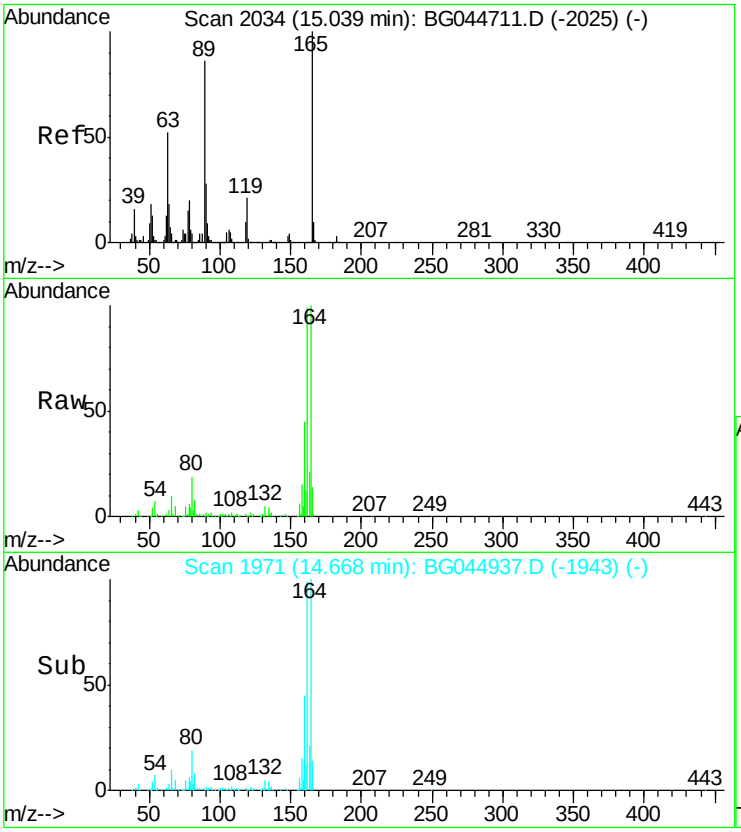


#54
2,4-Dinitrophenol
Concen: 8.36 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.15 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Tgt Ion:184 Resp: 68

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.5	68.3#
154	0.0	49.1	73.7#



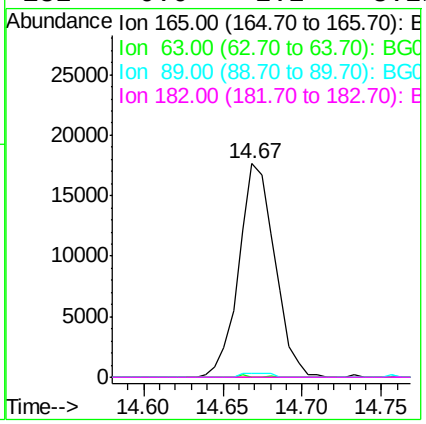


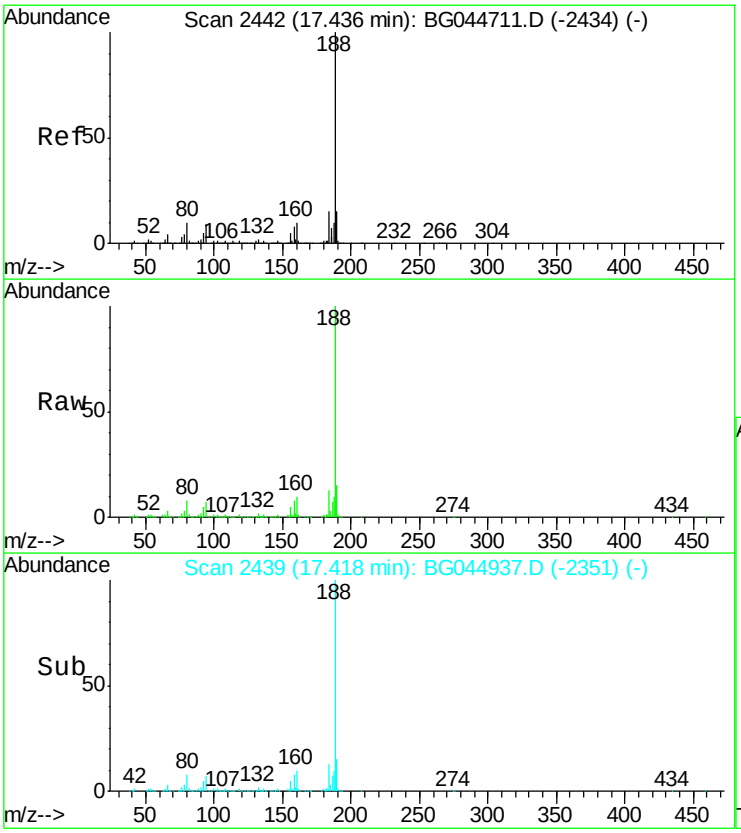
#57
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.36 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PB127786BL

Tgt Ion:165 Resp: 27713

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	2.0	61.3	91.9#
182	0.0	2.2	3.2#

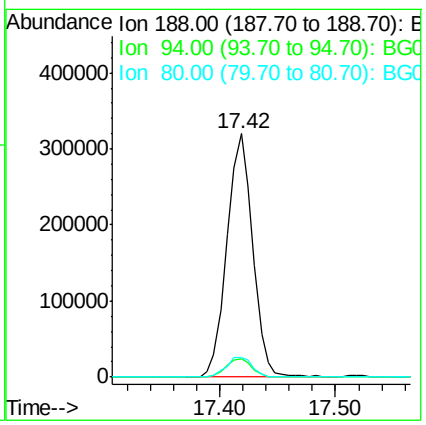


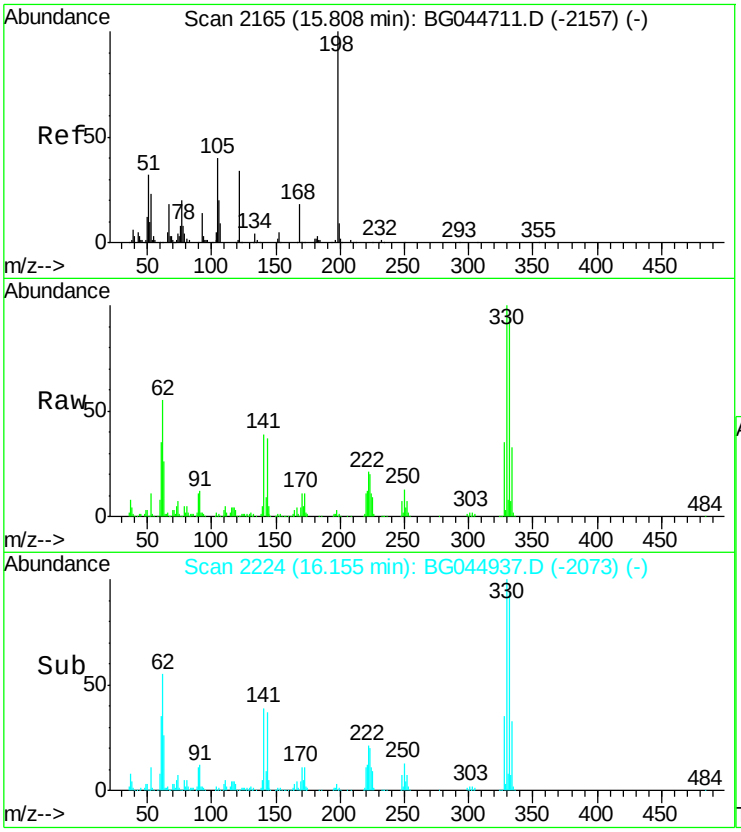


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Tgt Ion:188 Resp: 493372

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.3	10.9
80	7.9	8.0	12.0#



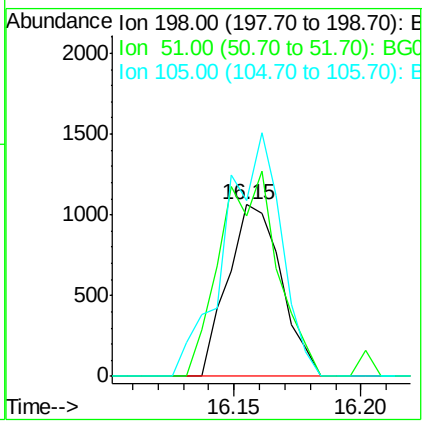


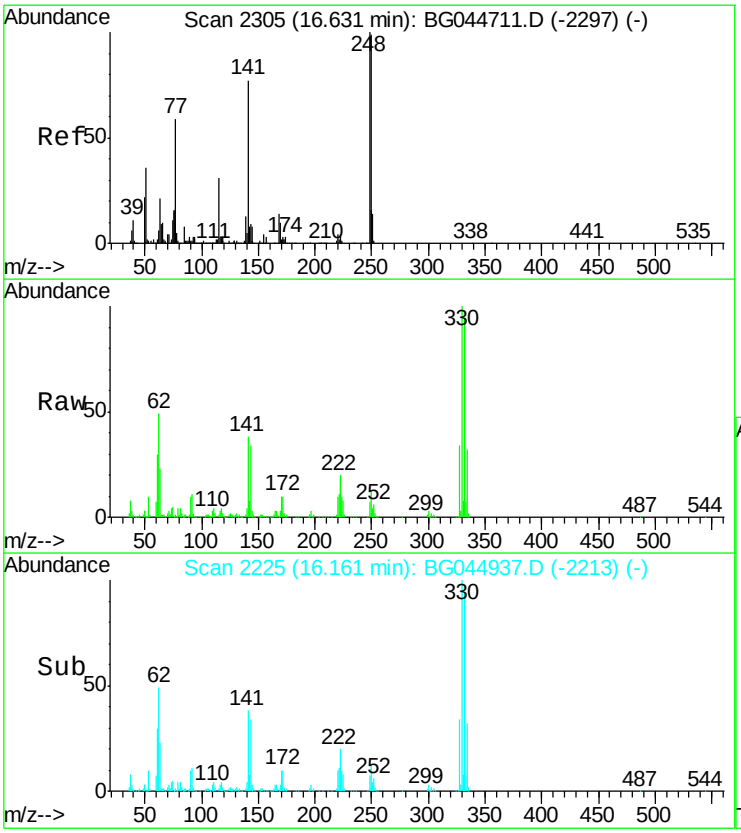
#65
4,6-Dinitro-2-methylphenol
Concen: 8.29 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.36 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PB127786BL

Tgt Ion:198 Resp: 1555

Ion	Ratio	Lower	Upper
198	100		
51	93.1	21.1	61.1#
105	102.4	24.5	64.5#

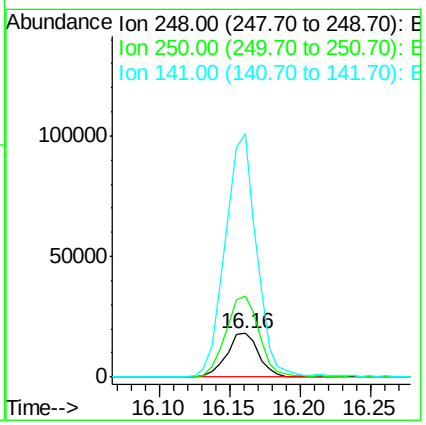


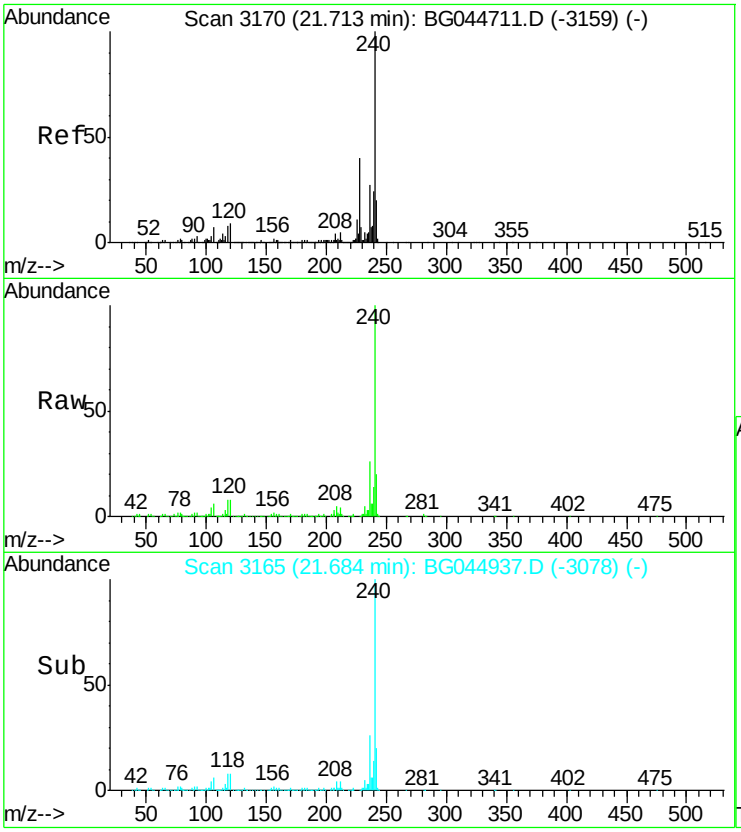


#67
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Tgt Ion:248 Resp: 29130

Ion	Ratio	Lower	Upper
248	100		
250	186.9	77.9	116.9#
141	560.3	57.5	86.3#



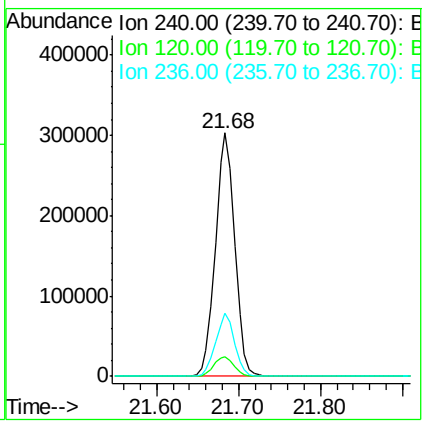


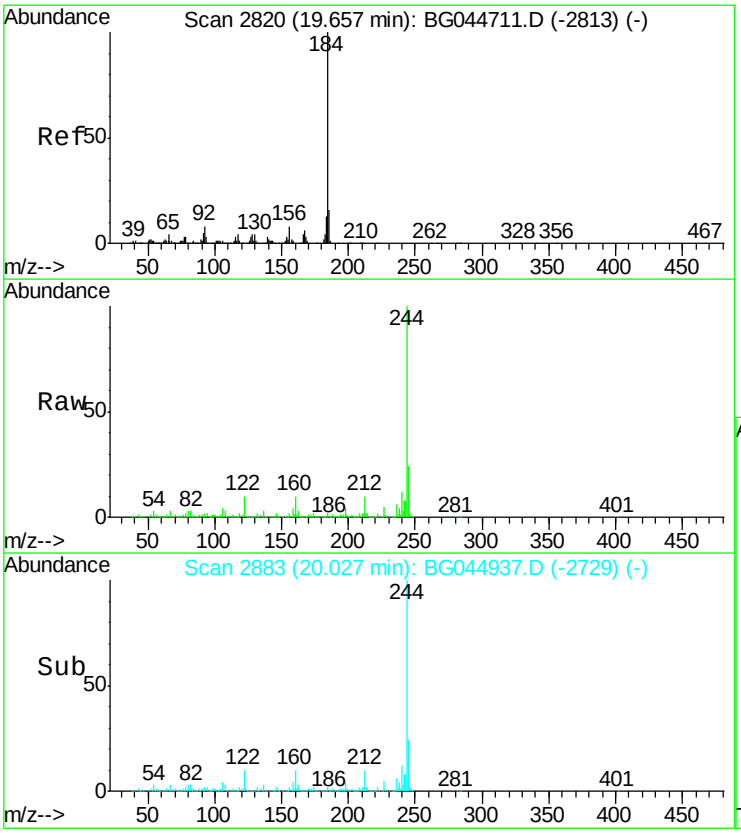
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PB127786BL

Tgt Ion:240 Resp: 499155

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.7	10.1
236	25.8	21.5	32.3

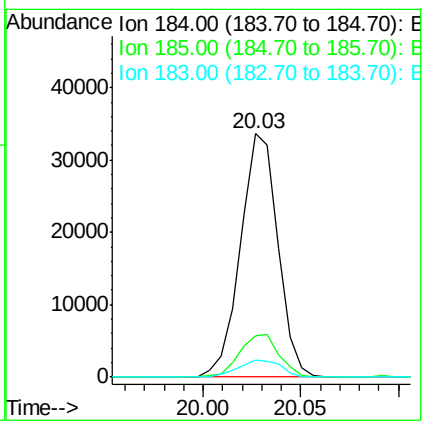


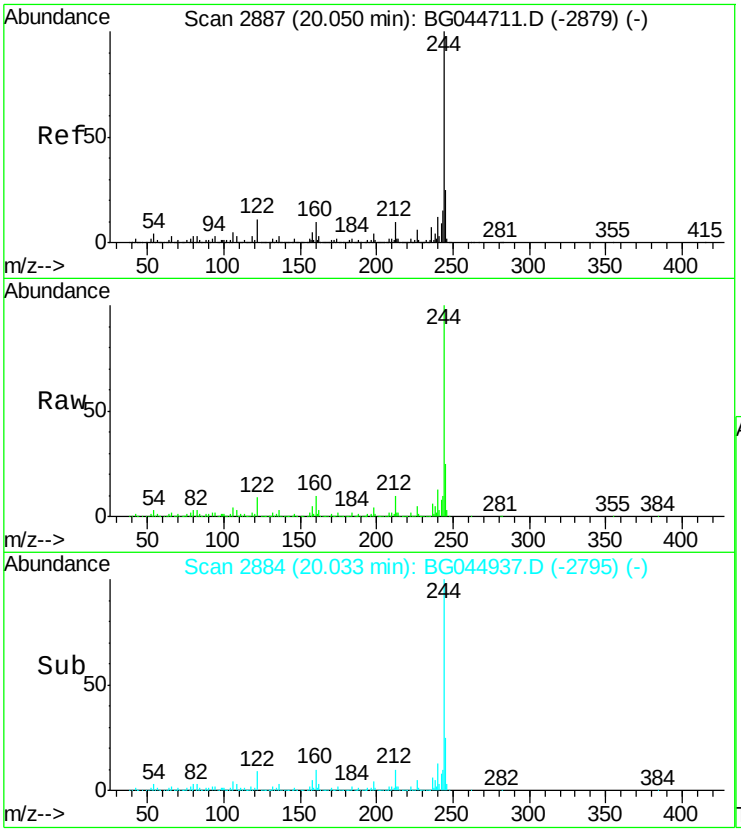


#77
Benzidine
Concen: 2.75 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.38 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Tgt Ion:184 Resp: 44563

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.2	18.4
183	6.8	10.7	16.1#



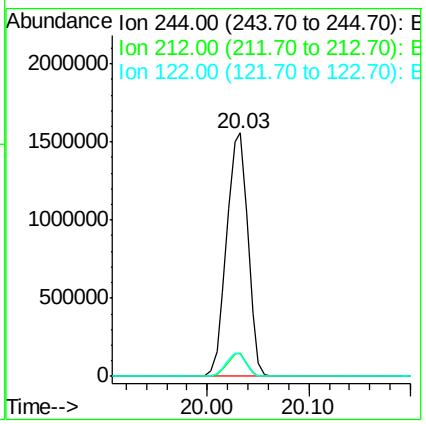


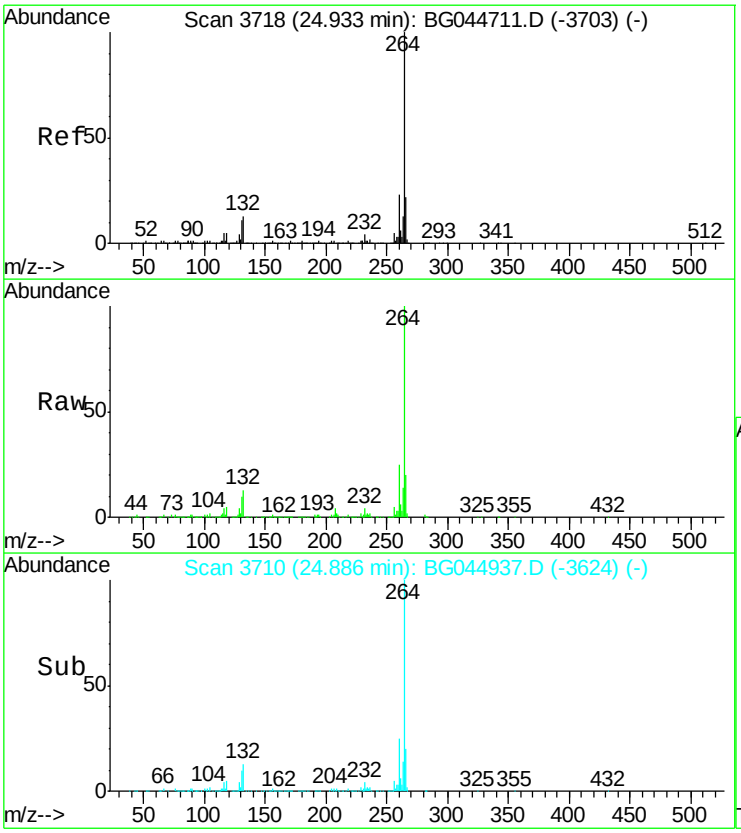
#79
Terphenyl-d14
Concen: 85.15 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Instrument :
BNA_G
ClientSampleId :
PB127786BL

Tgt Ion:244 Resp: 2272275

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.7	11.5
122	9.3	8.6	12.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044937.D
Acq: 24 Mar 2020 19:27

Tgt Ion:264 Resp: 524010

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.1	27.1
265	20.0	17.1	25.7