Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044847.D
Acq On : 18 Mar 2020 00:28
Operator : CG/JU
Sample : L1893-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 18 11:46:48 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 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	100937	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	378284	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	257433	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	576671	20.00	ng	0.00
76) Chrysene-d12	21.69	240	510078	20.00	ng	-0.01
87) Perylene-d12	24.90	264	571645	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	678898	104.70	ng	0.00
7) Phenol-d6	7.20	99	856323	90.90	ng	0.00
23) Nitrobenzene-d5	9.20	82	707489	82.07	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	468497	138.99	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1488523	82.80	ng	0.00
79) Terphenyl-d14	20.04	244	2355240	86.37	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.15	77	70	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	97678	14.684	ng	# 73
26) 2-Nitrophenol	10.20	139	80	5.538	ng	# 28
32) Benzoic acid	9.98	122	57	9.680	ng	# 35
50) Dimethylphthalate	14.13	163	94605	4.614	ng	97
51) 2,6-Dinitrotoluene	14.68	165	34854	8.433	ng	# 22
54) 2,4-Dinitrophenol	15.27	184	66	8.350	ng	# 21
57) 2,4-Dinitrotoluene	14.68	165	34854	6.149	ng	# 23
65) 4,6-Dinitro-2-methylphenol	15.85	198	60	7.747	ng	# 33
67) 4-Bromophenyl-phenylether	16.16	248	31773	4.407	ng	# 1
77) Benzidine	20.04	184	46147	2.787	ng	# 92

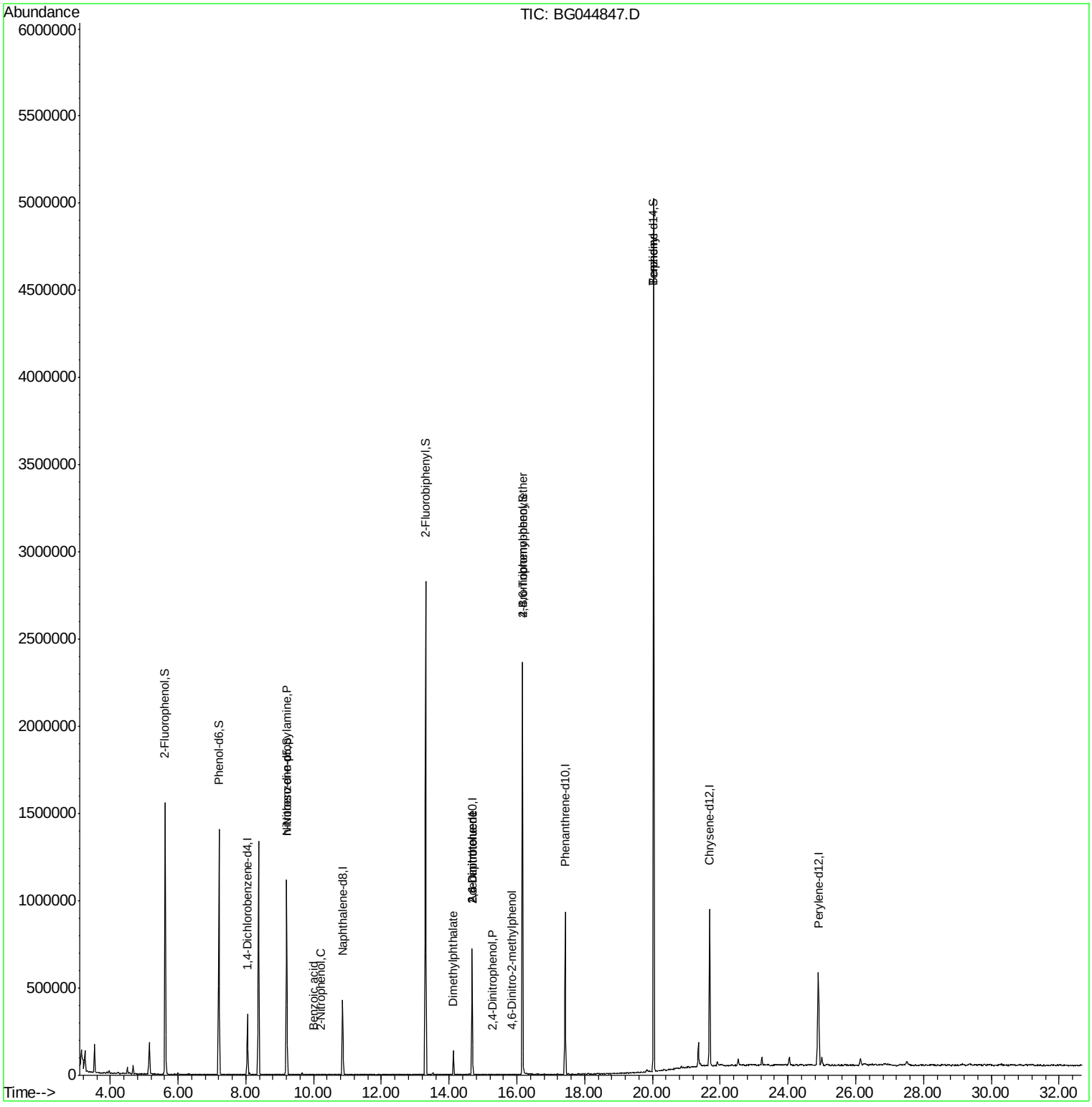
(#) = qualifier out of range (m) = manual integration (+) = signals summed

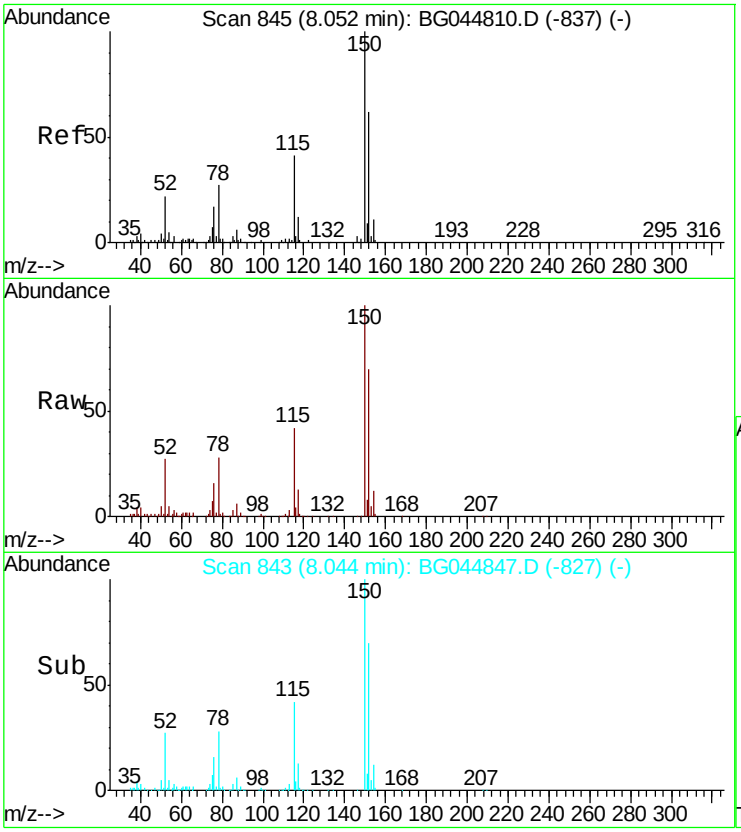
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044847.D
Acq On : 18 Mar 2020 00:28
Operator : CG/JU
Sample : L1893-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 18 11:46:48 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 16 17:37:15 2020
Response via : Initial Calibration



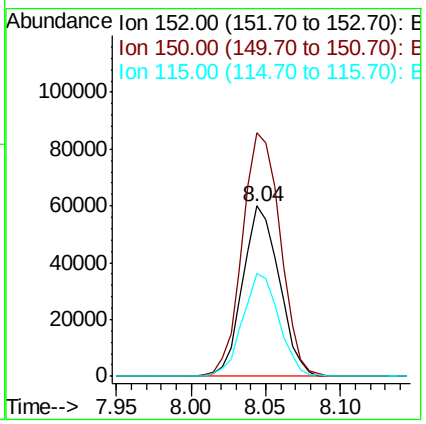


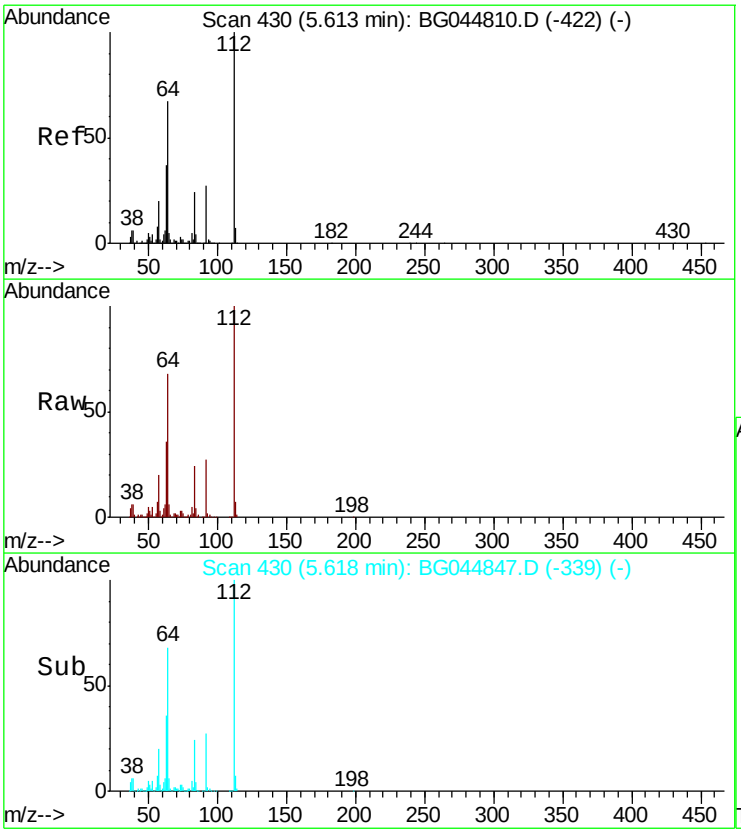
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 100937

Ion	Ratio	Lower	Upper
152	100		
150	143.0	128.8	193.2
115	60.3	52.6	79.0

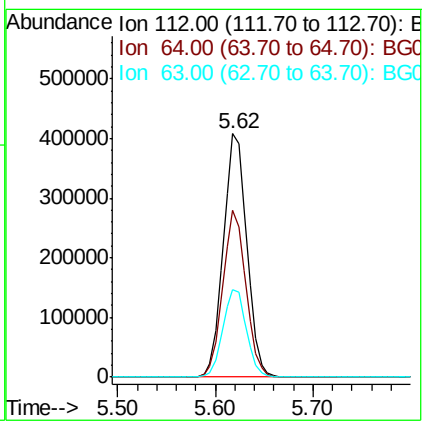


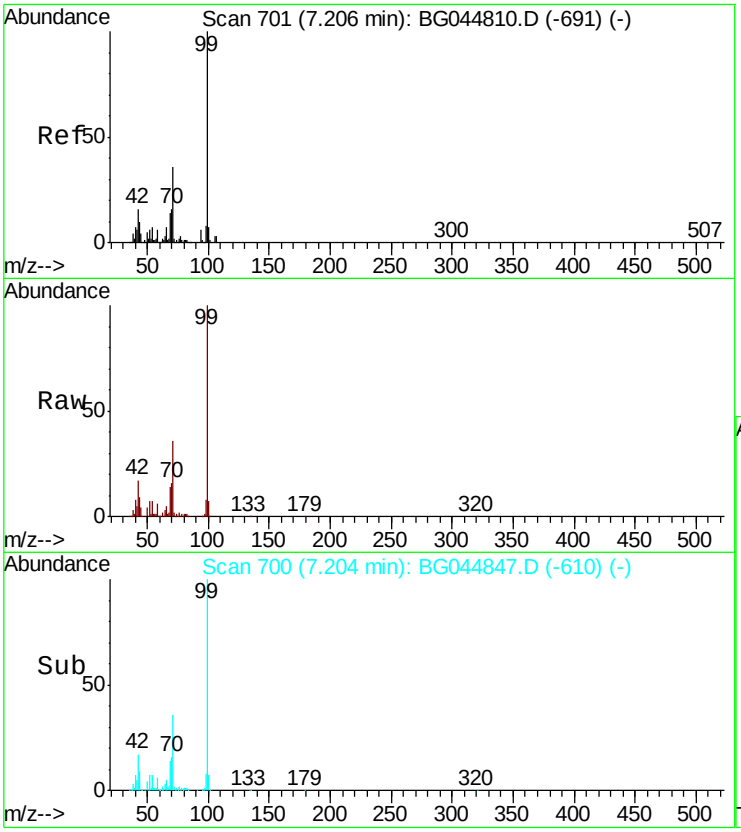


#5
2-Fluorophenol
Concen: 104.702 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Tgt Ion:112 Resp: 678898

Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.4	80.2
63	36.1	29.4	44.2



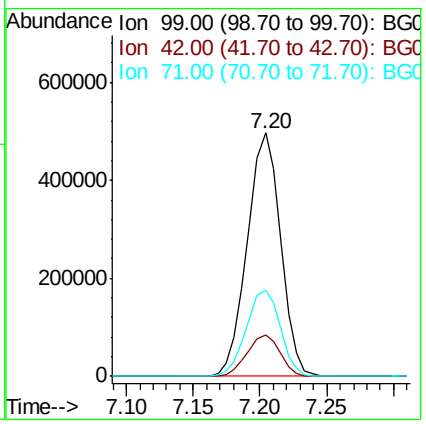


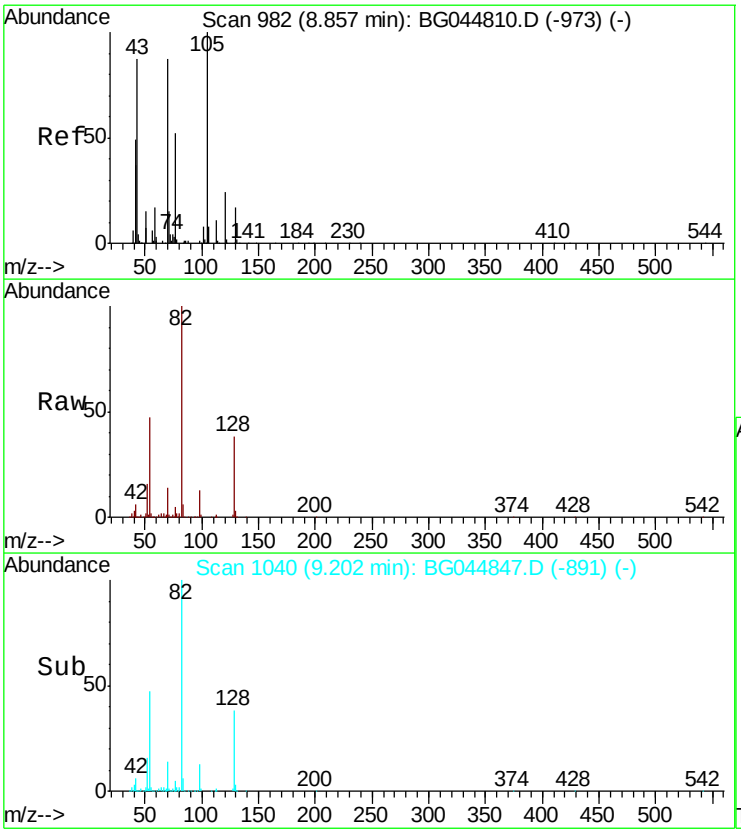
#7
Phenol-d6
Concen: 90.896 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 856323

Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.6	19.0
71	35.6	29.0	43.4

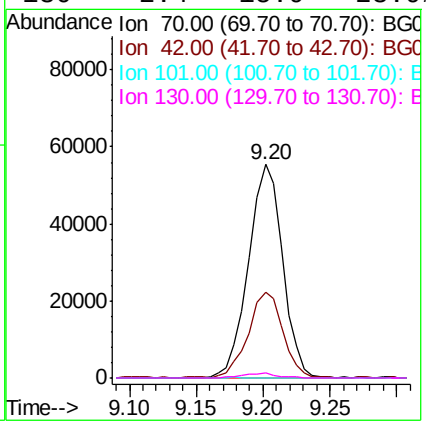


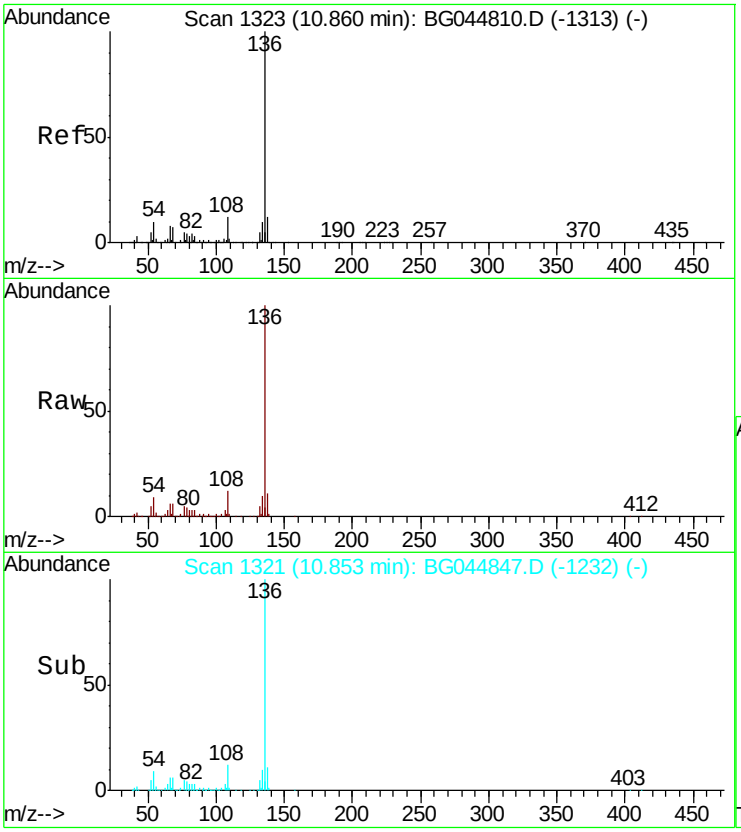


#19
n-Nitroso-di-n-propylamine
Concen: 14.684 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.35 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Tgt Ion: 70 Resp: 97678

Ion	Ratio	Lower	Upper
70	100		
42	40.2	45.7	68.5#
101	0.0	7.4	11.2#
130	2.4	15.9	23.9#



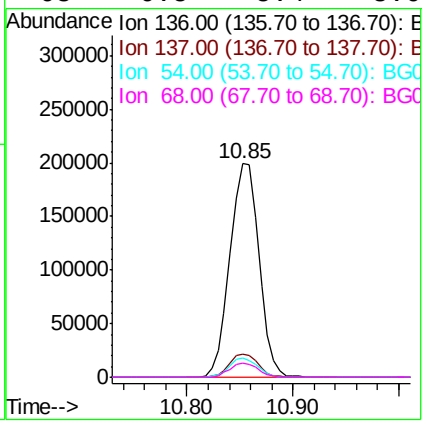


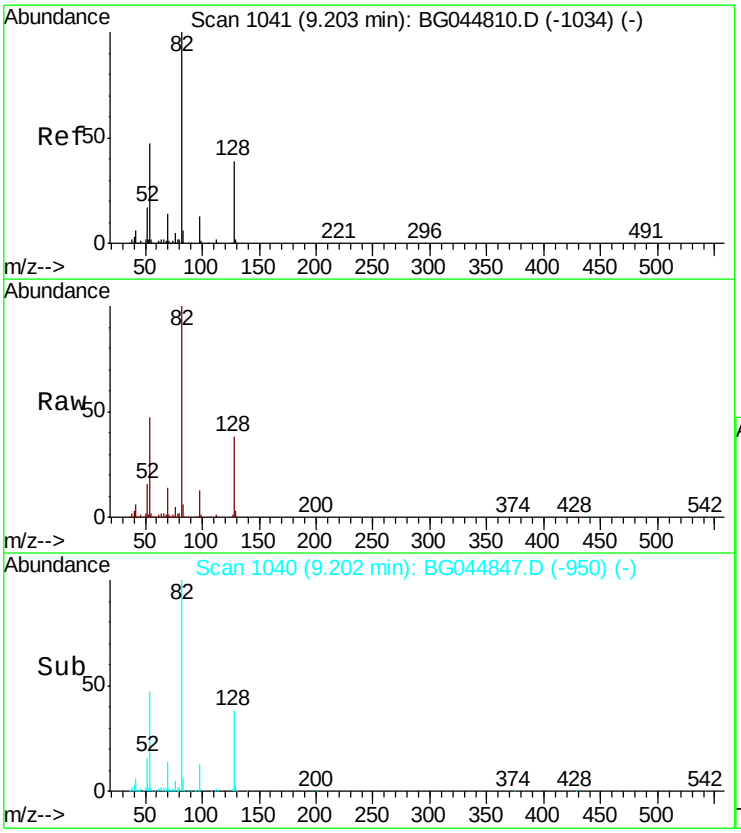
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 378284

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.1	7.9	11.9
68	6.5	5.4	8.0

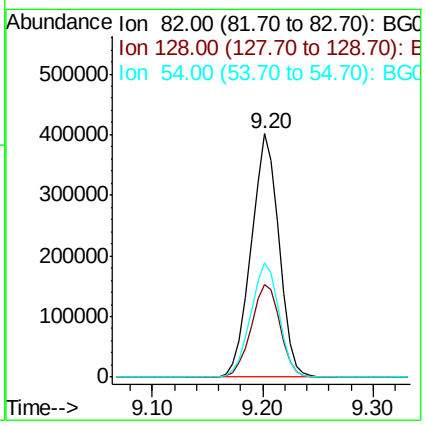


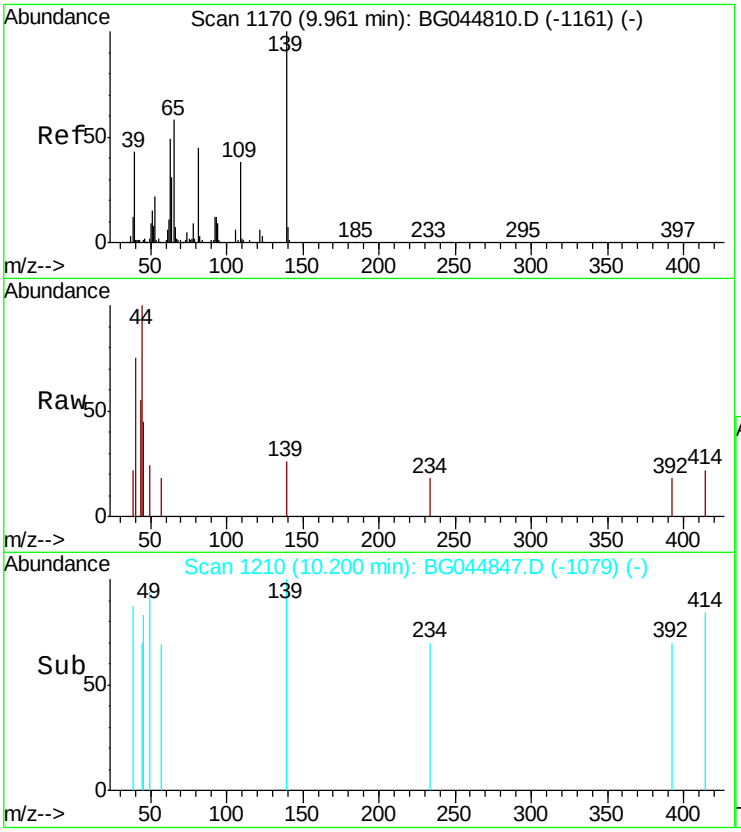


#23
Nitrobenzene-d5
Concen: 82.070 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Tgt Ion: 82 Resp: 707489

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.6	46.0
54	47.1	37.1	55.7



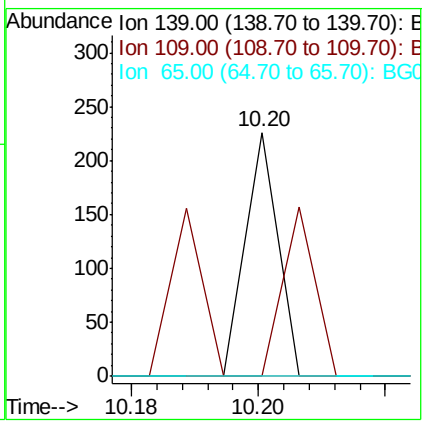


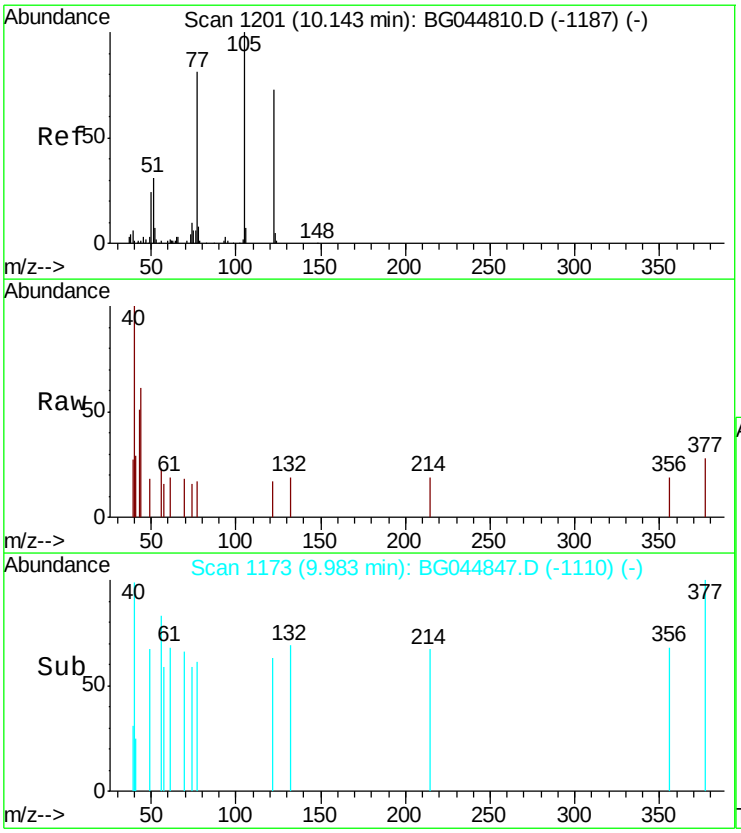
#26
2-Nitrophenol
Concen: 5.538 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.24 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:139 Resp: 80

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

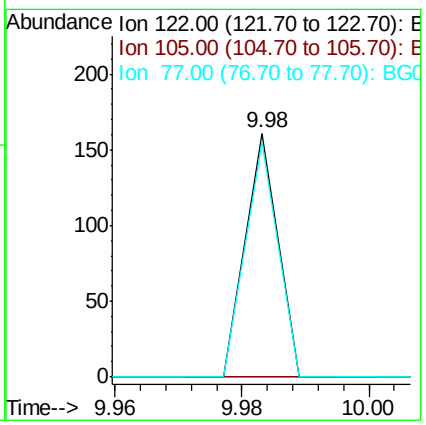


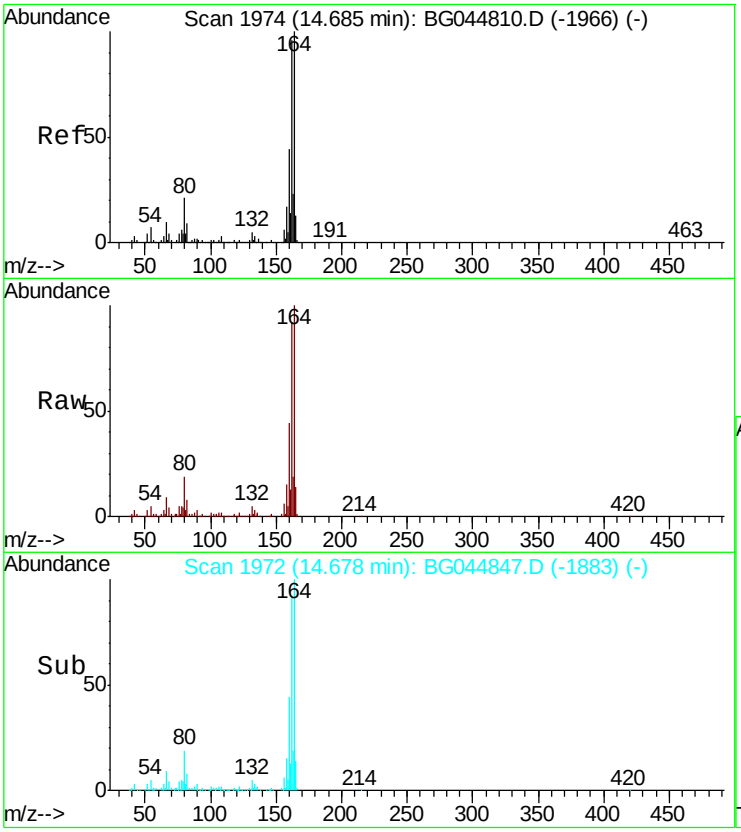


#32
Benzoic acid
Concen: 9.680 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.16 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Tgt Ion:122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	0.0	109.1	149.1#
77	96.3	85.3	125.3



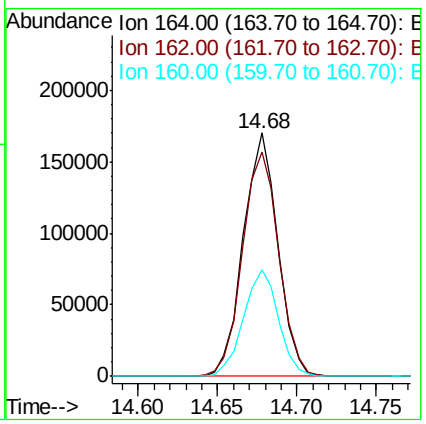


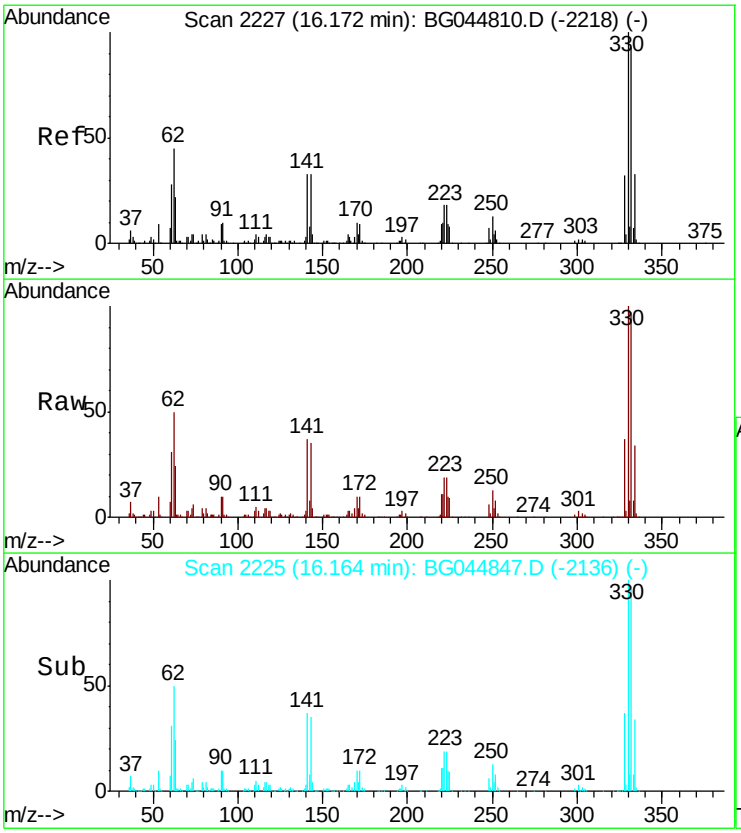
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 257433

Ion	Ratio	Lower	Upper
164	100		
162	92.1	76.7	115.1
160	43.9	35.0	52.4

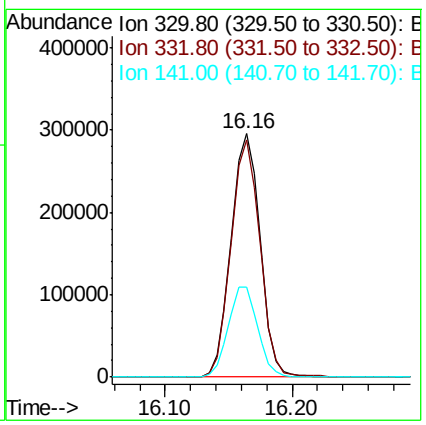


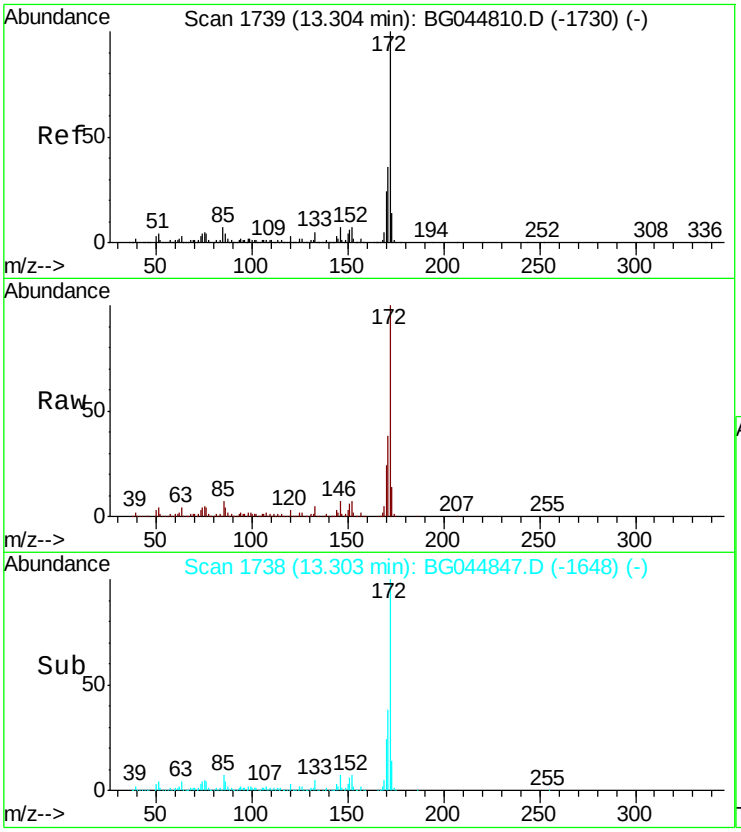


#42
2,4,6-Tribromophenol
Concen: 138.991 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Tgt Ion:330 Resp: 468497

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.6
141	37.5	29.5	44.3



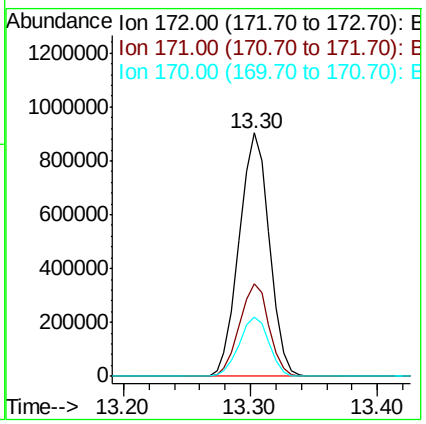


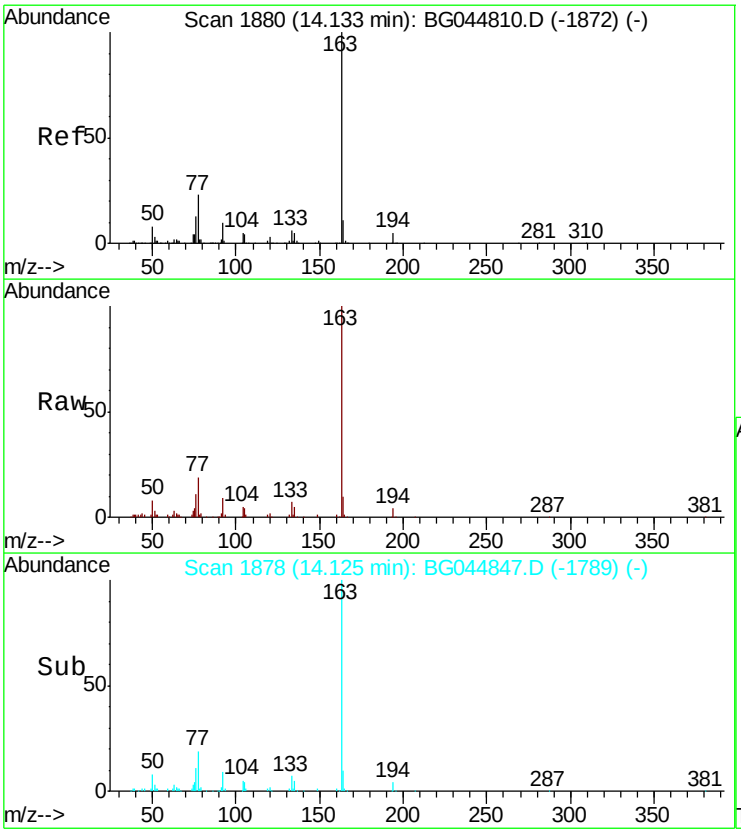
#45
2-Fluorobiphenyl
Concen: 82.803 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1488523

Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.7	43.1
170	24.4	19.0	28.6

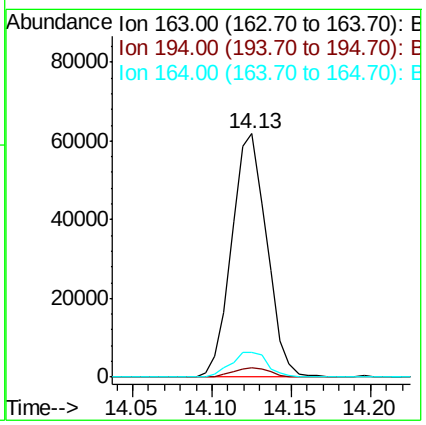


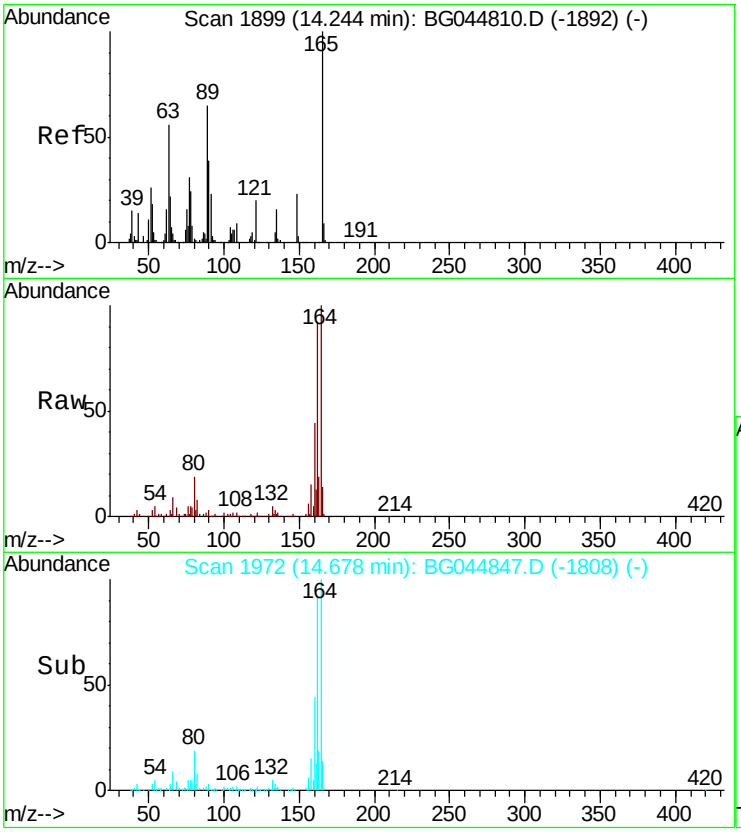


#50
Dimethylphthalate
Concen: 4.614 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Tgt Ion:163 Resp: 94605

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.7	5.5
164	10.0	9.1	13.7



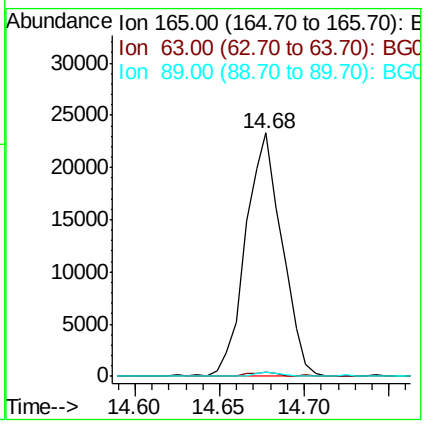


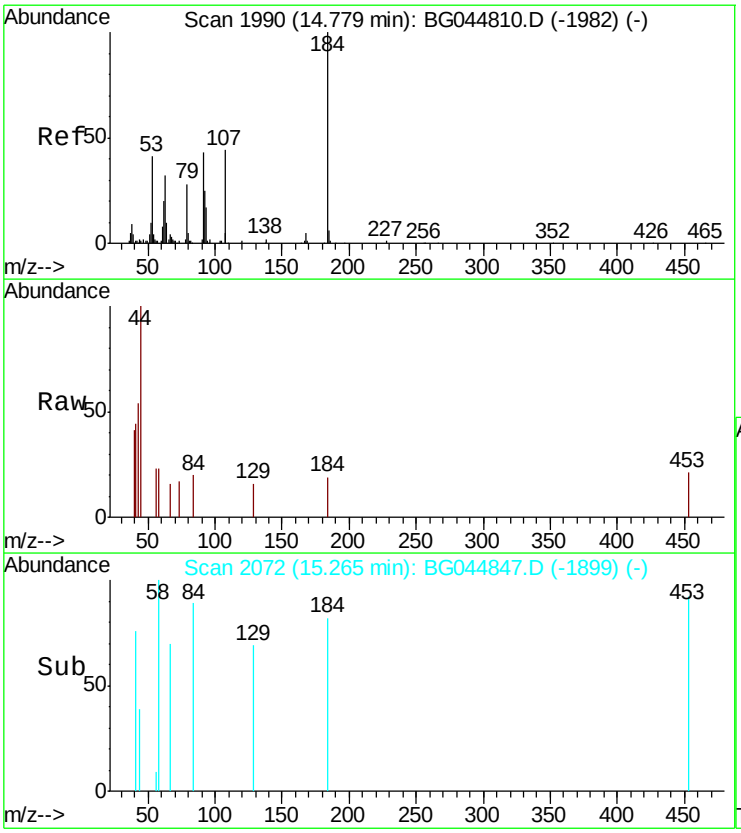
#51
2,6-Dinitrotoluene
Concen: 8.433 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.43 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 34854

Ion	Ratio	Lower	Upper
165	100		
63	1.9	45.8	68.8#
89	2.0	51.8	77.6#

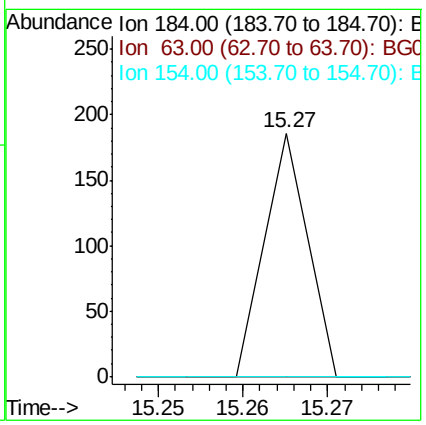


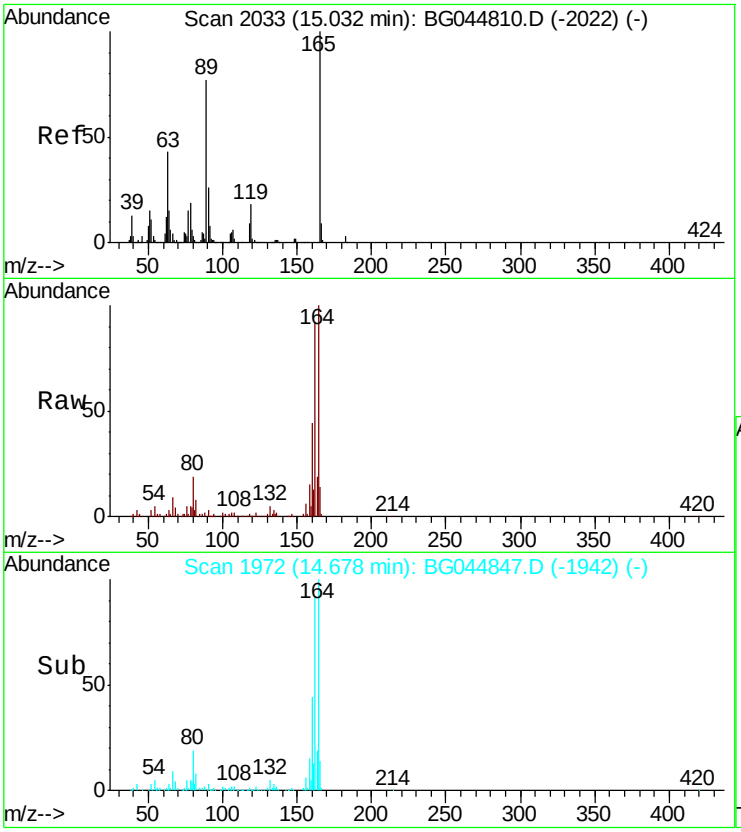


#54
2,4-Dinitrophenol
Concen: 8.350 ng
RT: 15.27 min Scan# 2072
Delta R.T. 0.49 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Tgt Ion:184 Resp: 66

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



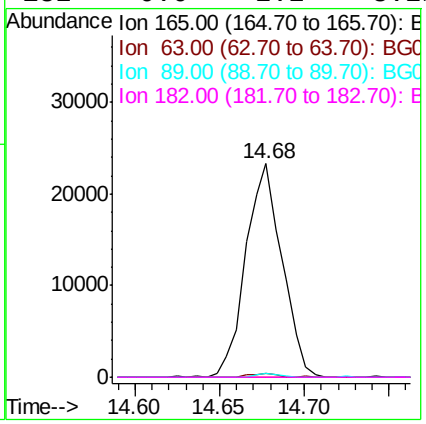


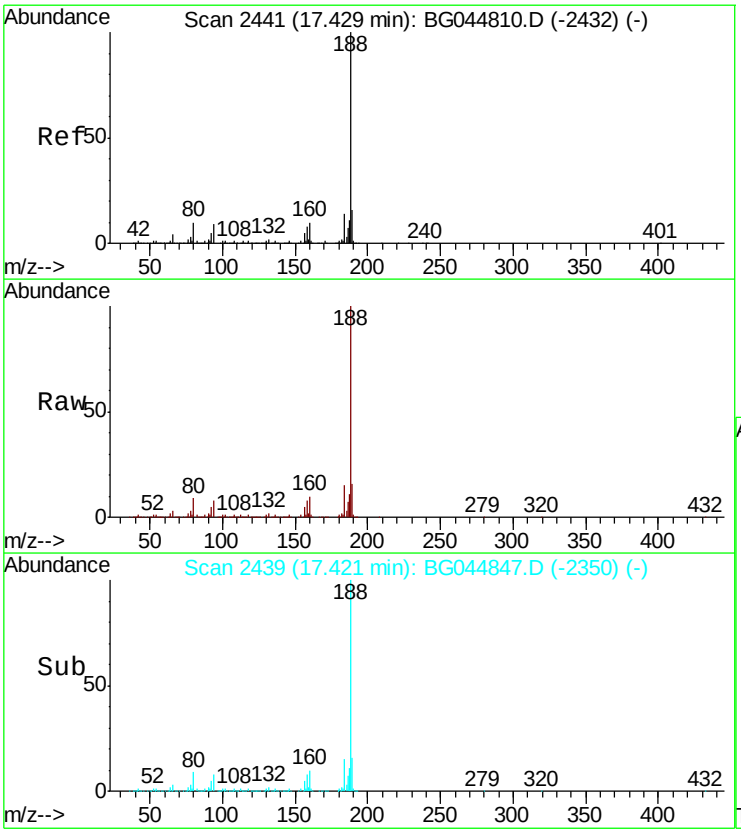
#57
2,4-Dinitrotoluene
Concen: 6.149 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.35 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 34854

Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.6	52.0#
89	2.0	61.3	91.9#
182	0.0	2.2	3.2#

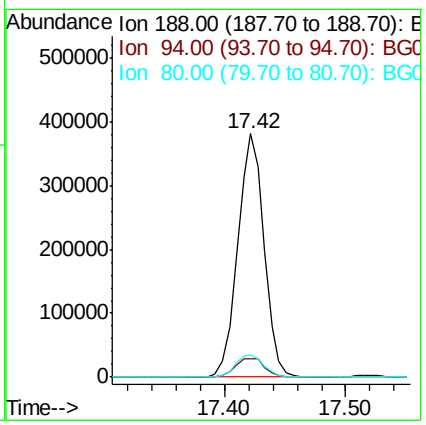


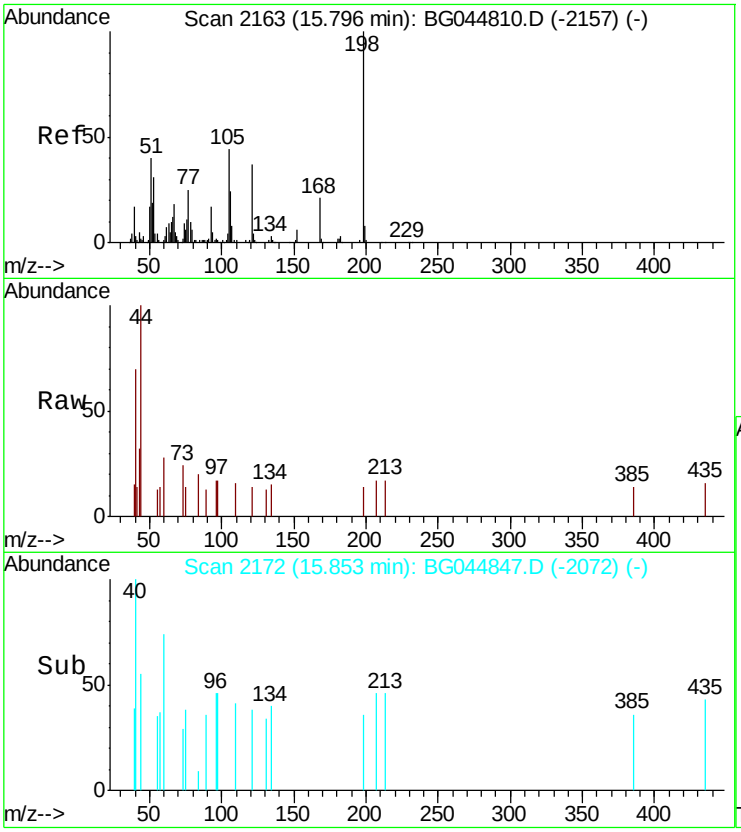


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Tgt Ion:188 Resp: 576671

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.3	10.9
80	9.3	8.0	12.0



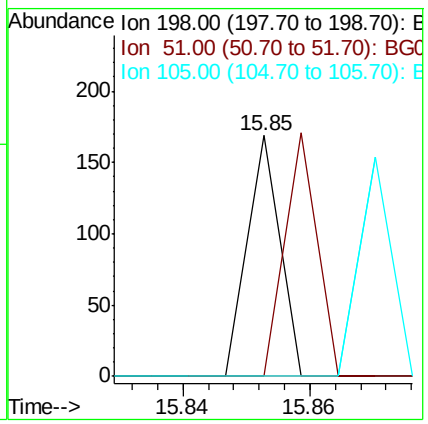


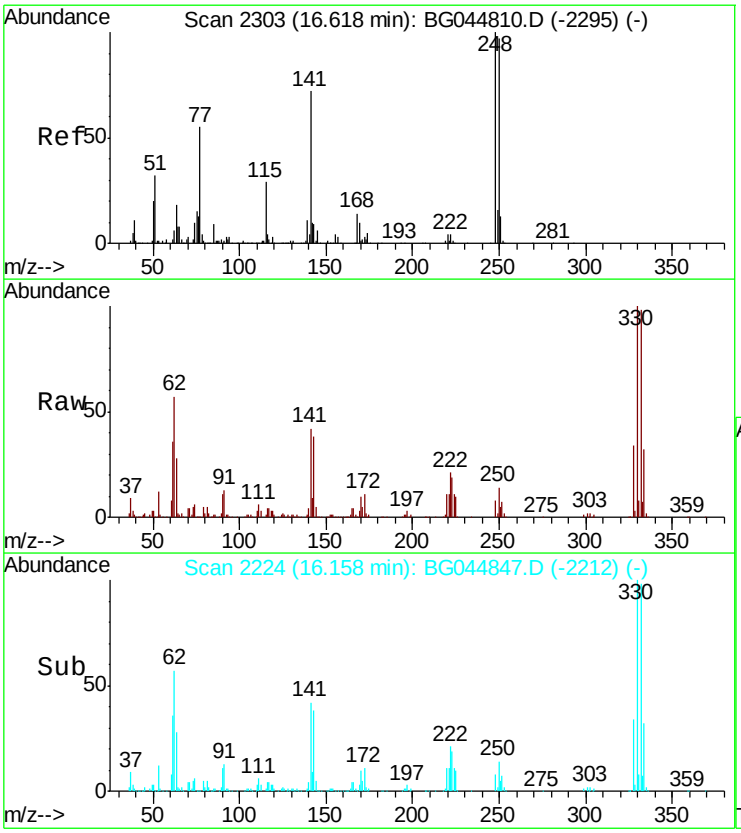
#65
4,6-Dinitro-2-methylphenol
Concen: 7.747 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.06 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 60

Ion	Ratio	Lower	Upper
198	100		
51	0.0	21.1	61.1#
105	0.0	24.5	64.5#

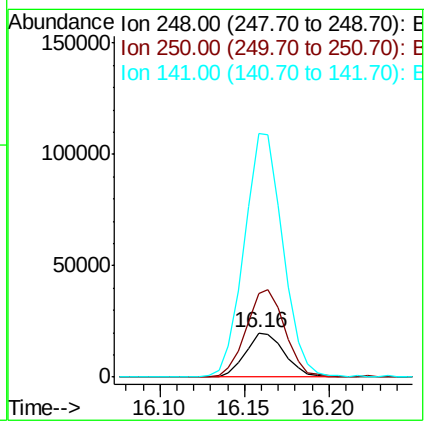


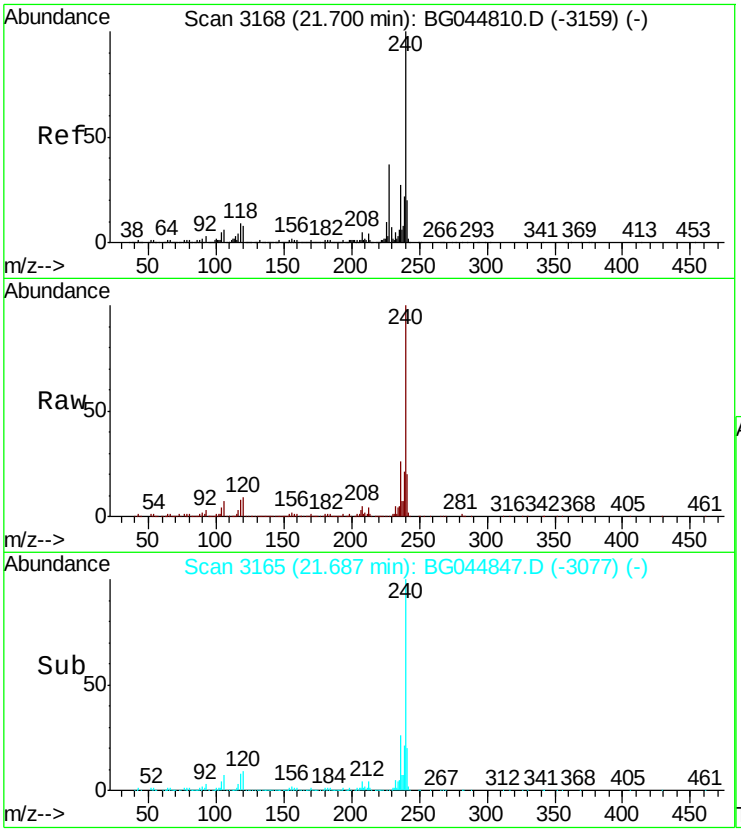


#67
4-Bromophenyl-phenylether
Concen: 4.407 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.46 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Tgt Ion:248 Resp: 31773

Ion	Ratio	Lower	Upper
248	100		
250	188.1	77.9	116.9#
141	551.3	57.5	86.3#



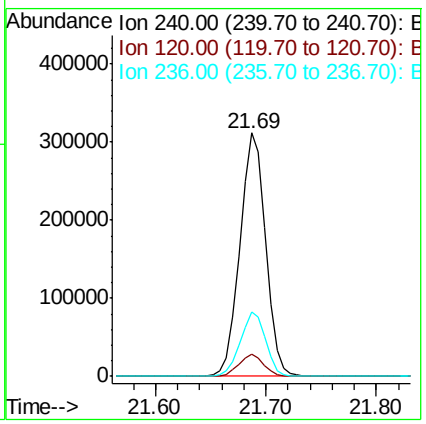


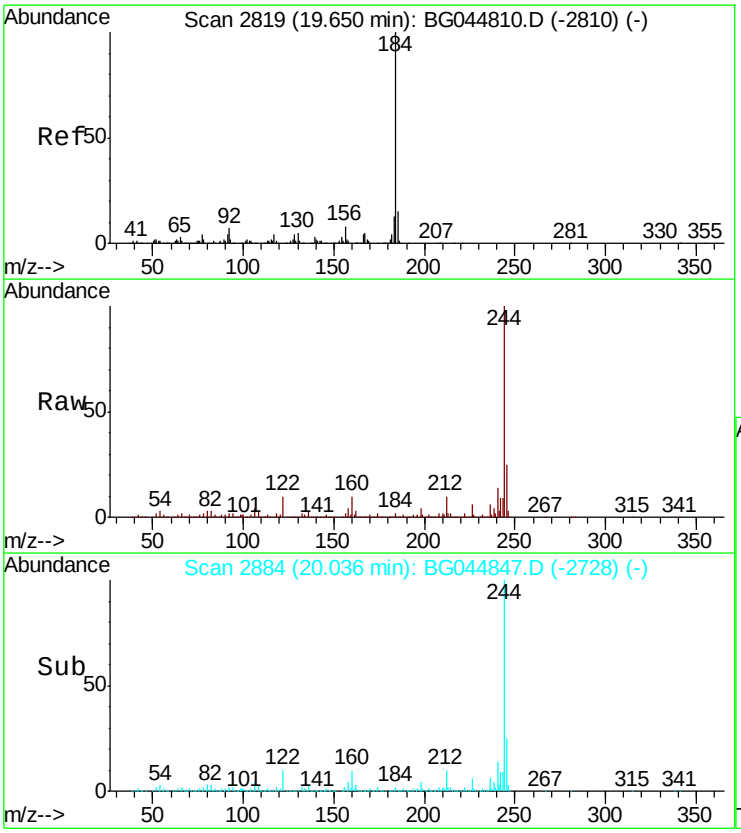
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 510078

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.7	10.1
236	26.3	21.5	32.3

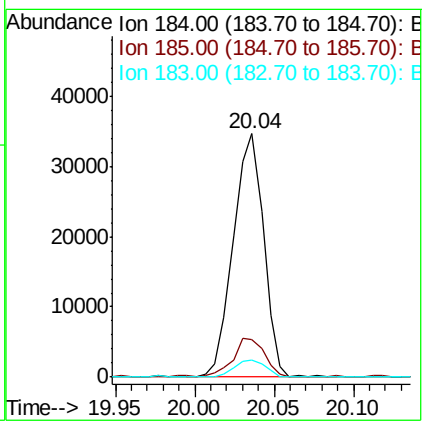


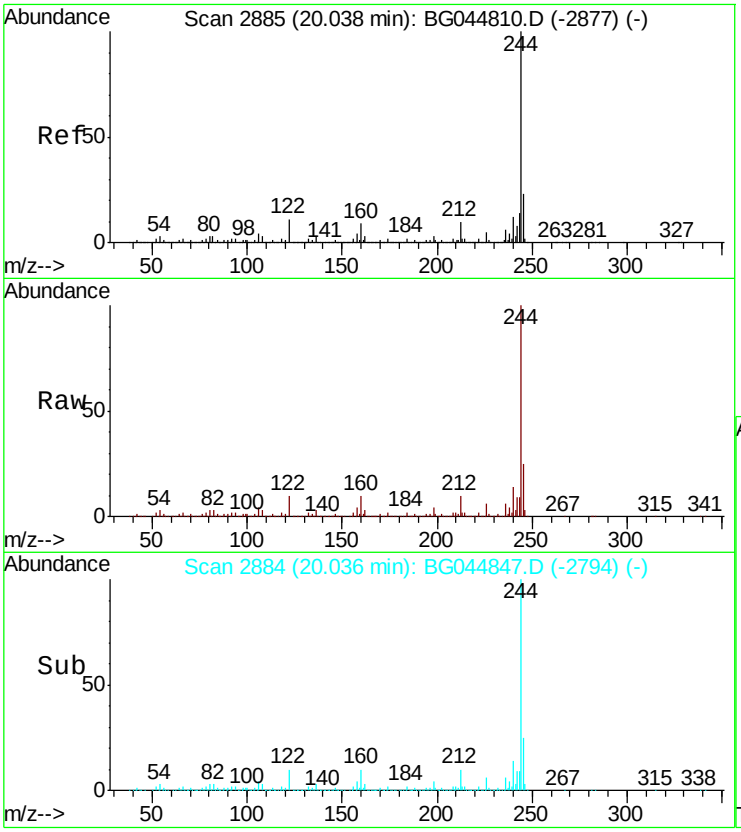


#77
Benzidine
Concen: 2.787 ng
RT: 20.04 min Scan# 2884
Delta R.T. 0.39 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Tgt Ion:184 Resp: 46147

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.4
183	7.2	10.7	16.1#



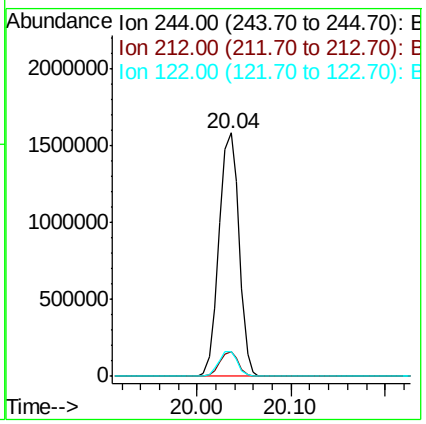


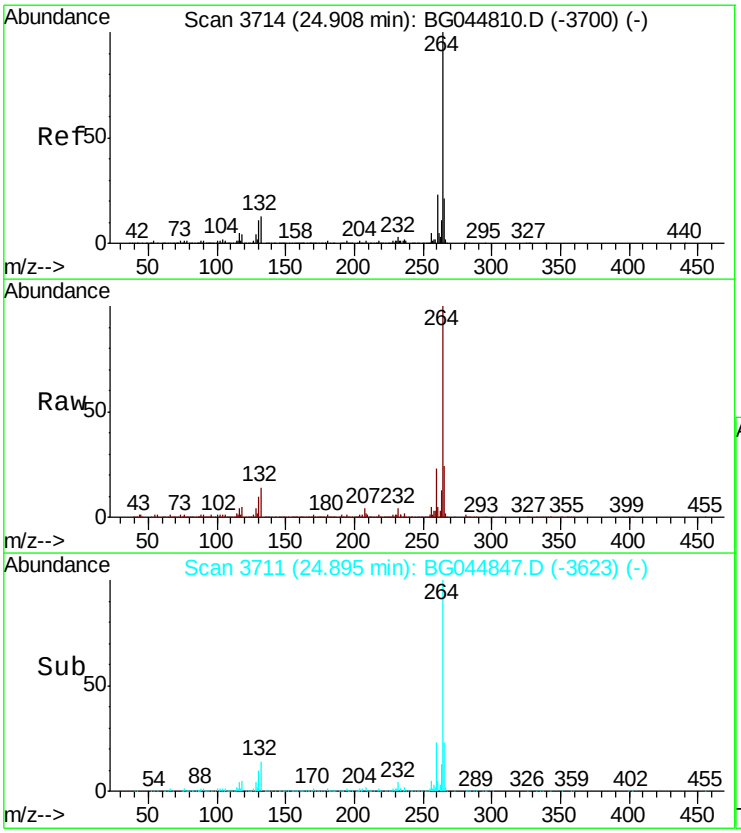
#79
Terphenyl-d14
Concen: 86.371 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 2355240

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.7	11.5
122	10.3	8.6	12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3711
Delta R.T. -0.01 min
Lab File: BG044847.D
Acq: 18 Mar 2020 00:28

Tgt Ion:264 Resp: 571645

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.1	27.1
265	23.6	17.1	25.7