Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG032420\
Data File : BG044932.D
Acq On : 24 Mar 2020 16:09
Operator : CG/JU
Sample : L2011-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-WC-C-01

Quant Time: Mar 24 17:04:45 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	80647	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	301608	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	202616	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	463913	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	472535	20.00	ng	-0.02
87) Perylene-d12	24.89	264	516754	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	300137	57.93	ng	0.00
7) Phenol-d6	7.19	99	261121	34.69	ng	-0.01
23) Nitrobenzene-d5	9.20	82	625342	90.98	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	420031	158.33	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1370286	96.85	ng	0.00
79) Terphenyl-d14	20.03	244	1885161	74.62	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.18	77	748	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	85390	16.066	ng	# 73
26) 2-Nitrophenol	9.96	139	55	5.535	ng	# 28
32) Benzoic acid	10.12	122	200	9.717	ng	# 68
50) Dimethylphthalate	14.12	163	61561	3.815	ng	96
51) 2,6-Dinitrotoluene	14.67	165	26916	8.275	ng	# 22
52) Acenaphthene	14.73	154	68997	5.437	ng	97
54) 2,4-Dinitrophenol	14.70	184	55	8.352	ng	# 21
57) 2,4-Dinitrotoluene	14.67	165	26916	6.033	ng	# 22
65) 4,6-Dinitro-2-methylphenol	15.63	198	66	7.754	ng	# 1
77) Benzidine	20.03	184	37495	2.444	ng	# 94

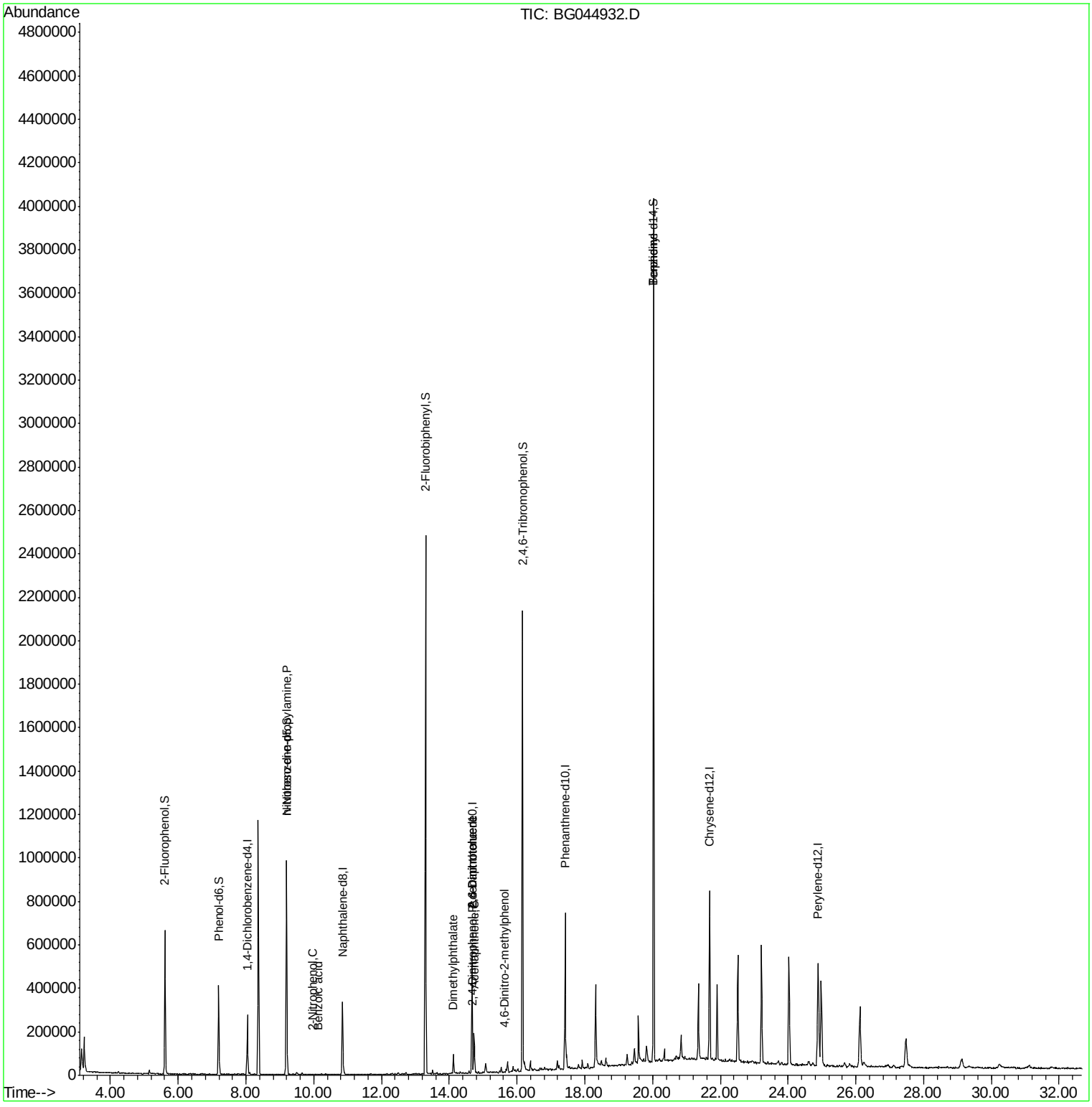
(#) = qualifier out of range (m) = manual integration (+) = signals summed

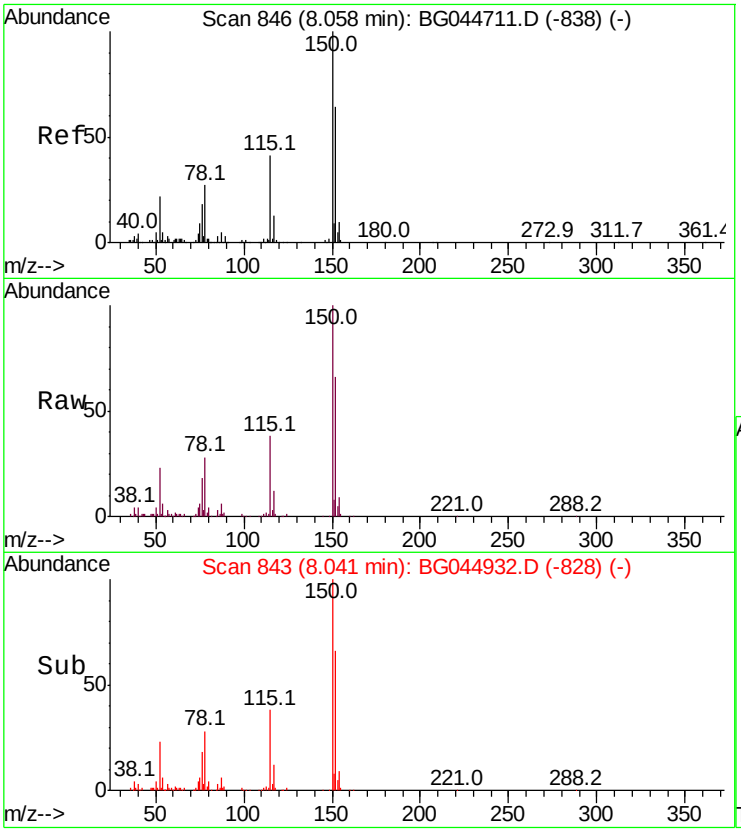
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG032420\
Data File : BG044932.D
Acq On : 24 Mar 2020 16:09
Operator : CG/JU
Sample : L2011-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Quant Time: Mar 24 17:04:45 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



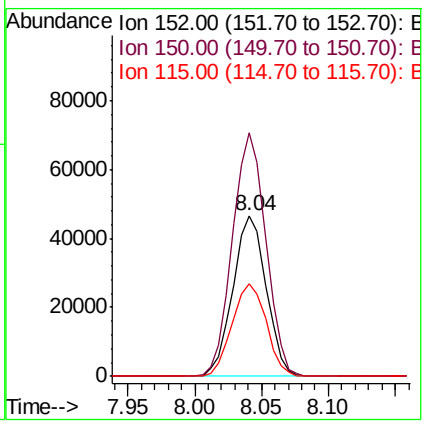


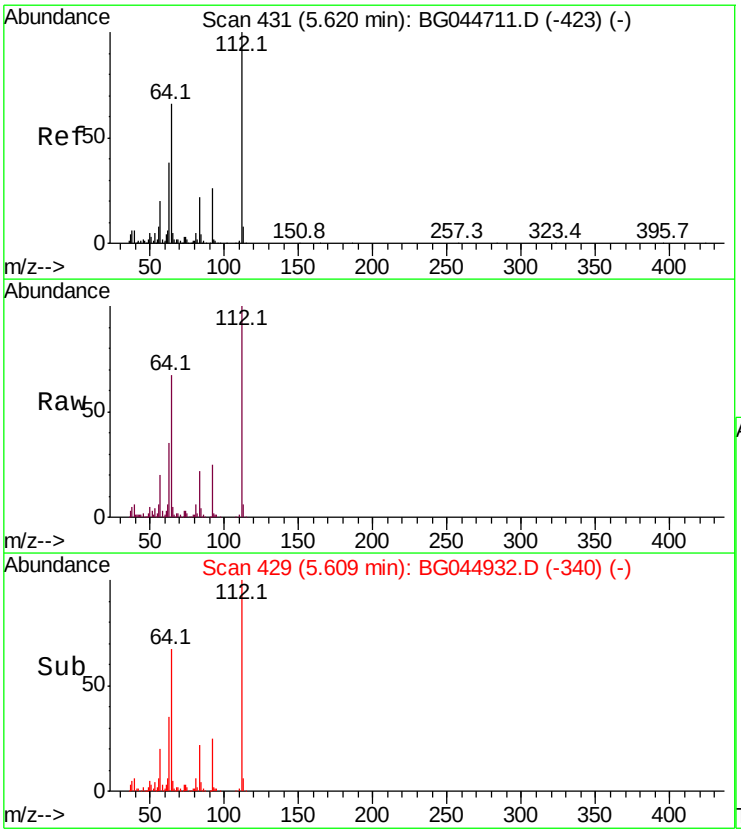
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Tgt Ion:152 Resp: 80647

Ion	Ratio	Lower	Upper
152	100		
150	151.3	128.8	193.2
115	57.7	52.6	79.0

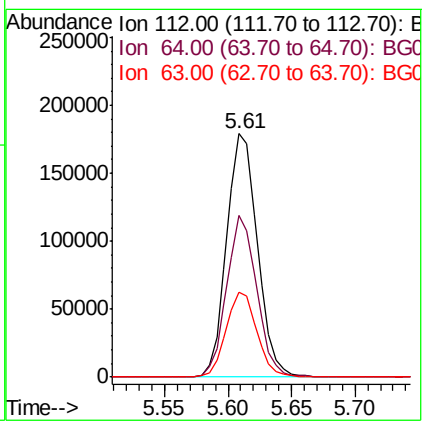


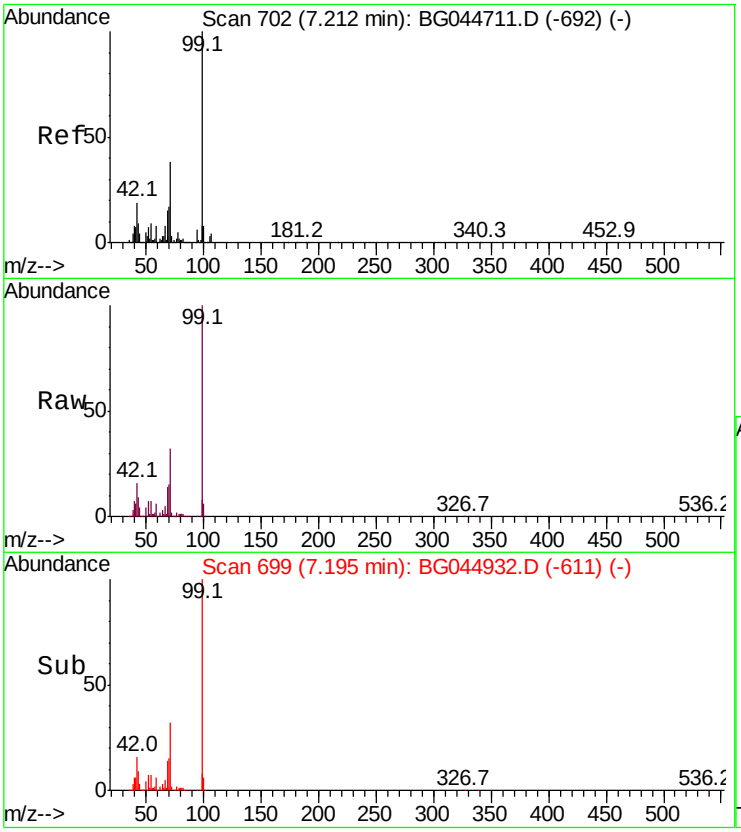


#5
2-Fluorophenol
Concen: 57.934 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion:112 Resp: 300137

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.4	80.2
63	34.8	29.4	44.2



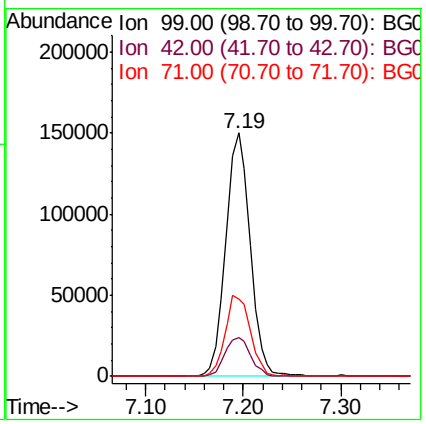


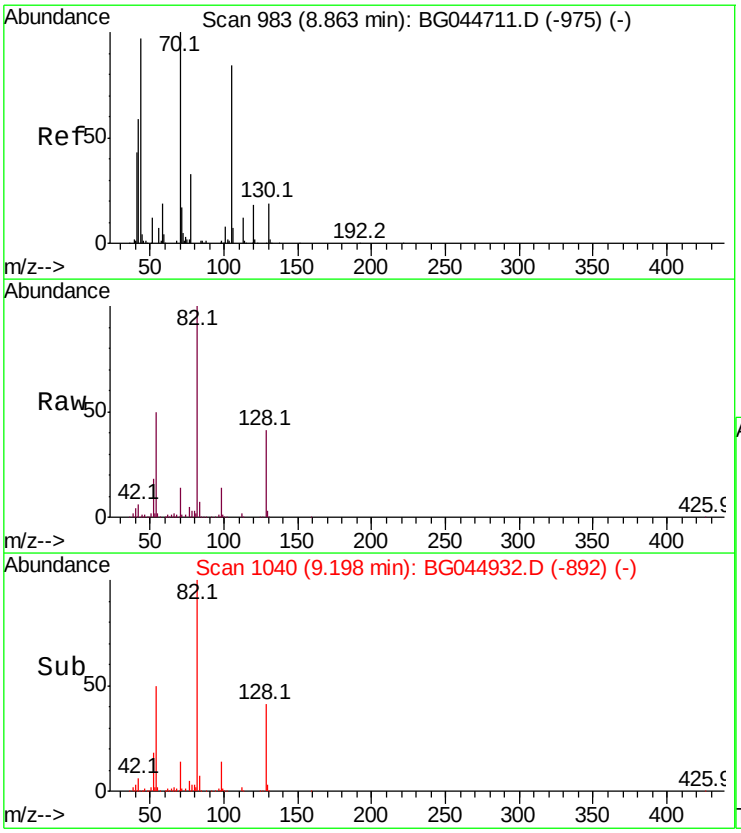
#7
Phenol-d6
Concen: 34.691 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Tgt Ion: 99 Resp: 261121

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.6	19.0
71	31.7	29.0	43.4

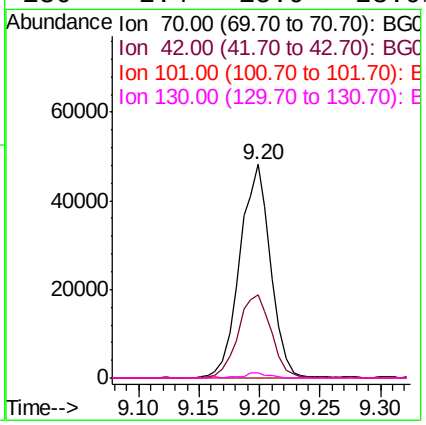


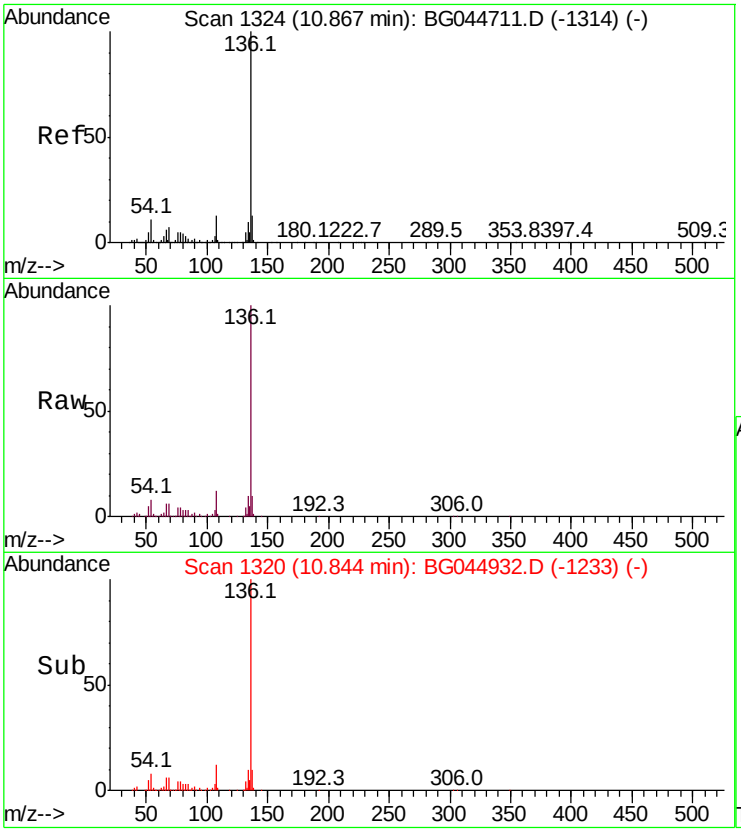


#19
n-Nitroso-di-n-propylamine
Concen: 16.066 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion: 70 Resp: 85390

Ion	Ratio	Lower	Upper
70	100		
42	39.2	45.7	68.5#
101	0.3	7.4	11.2#
130	2.4	15.9	23.9#



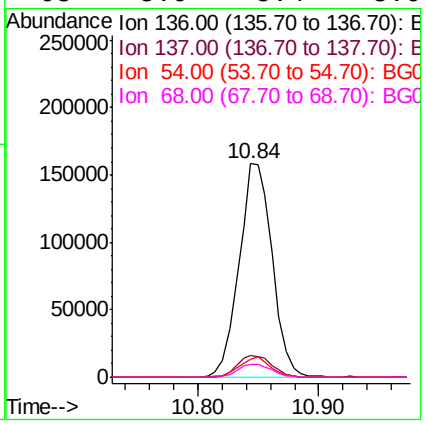


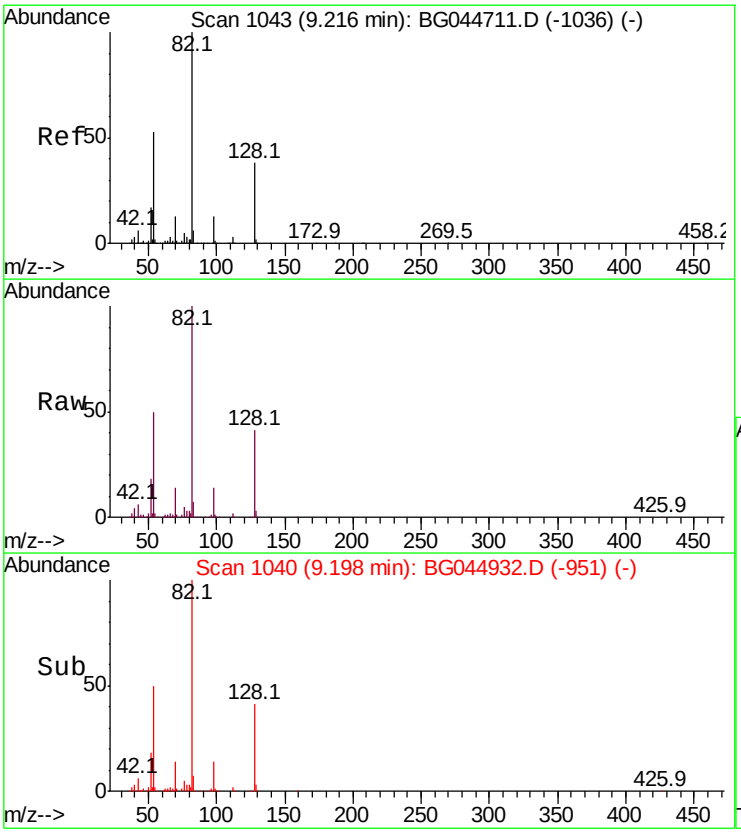
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Tgt Ion:136 Resp: 301608

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.8	14.6
54	8.3	7.9	11.9
68	5.9	5.4	8.0

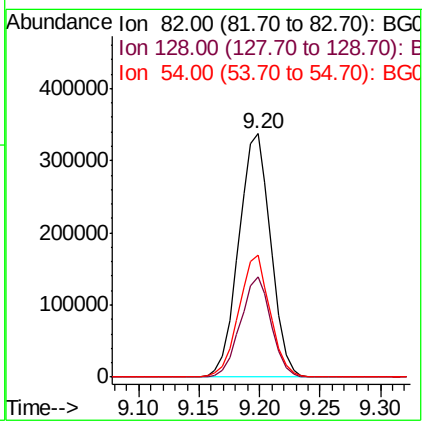


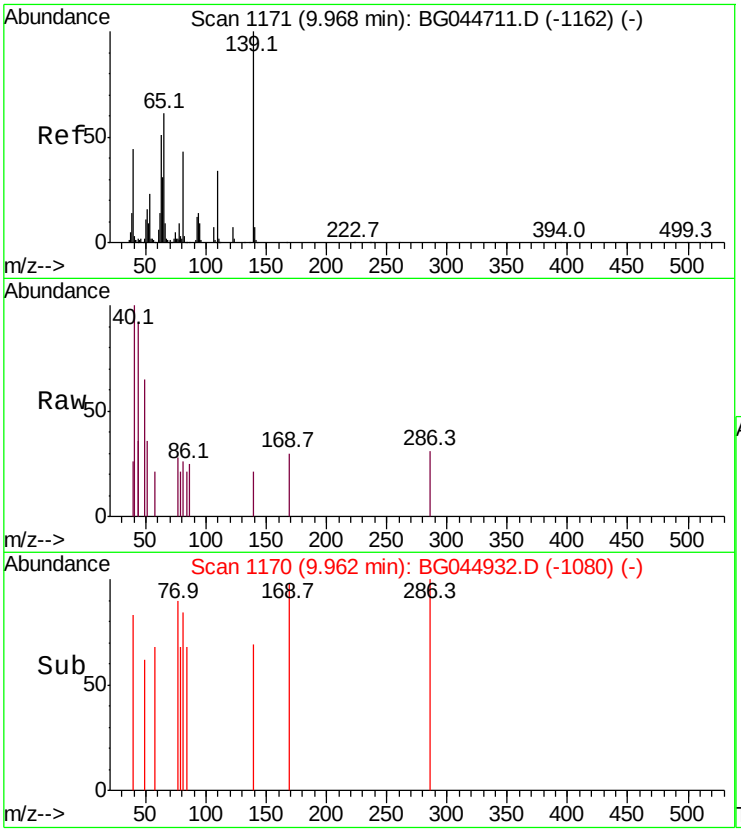


#23
Nitrobenzene-d5
Concen: 90.982 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion: 82 Resp: 625342

Ion	Ratio	Lower	Upper
82	100		
128	40.9	30.6	46.0
54	50.3	37.1	55.7



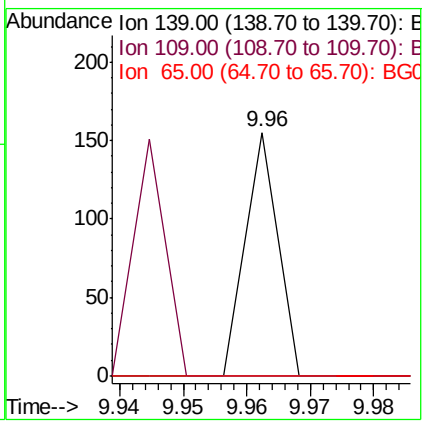


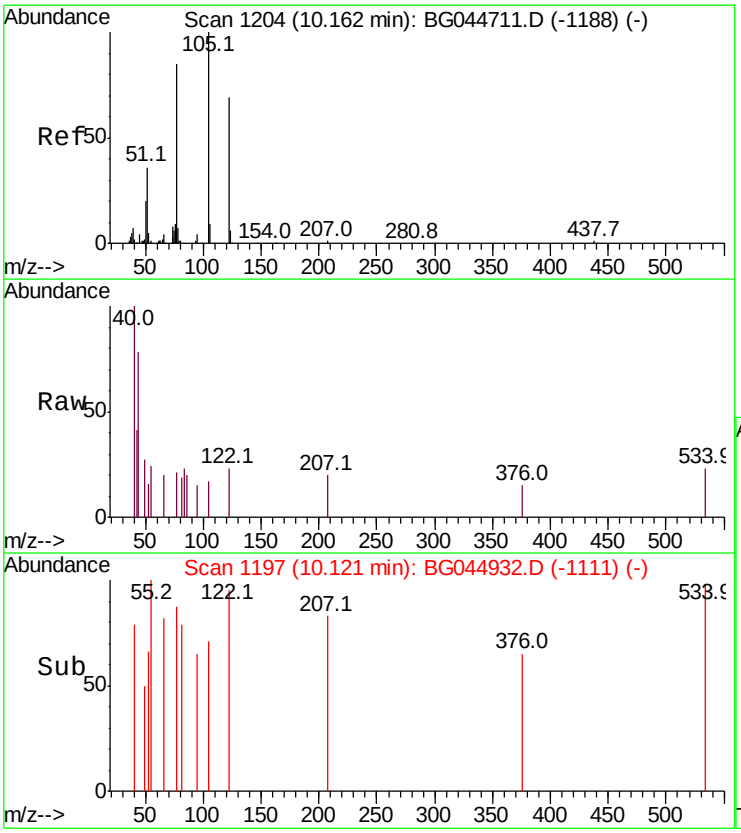
#26
2-Nitrophenol
Concen: 5.535 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

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#

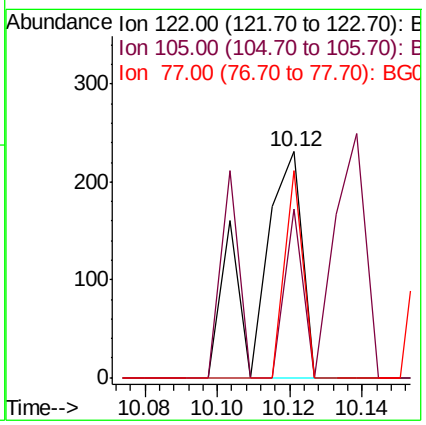


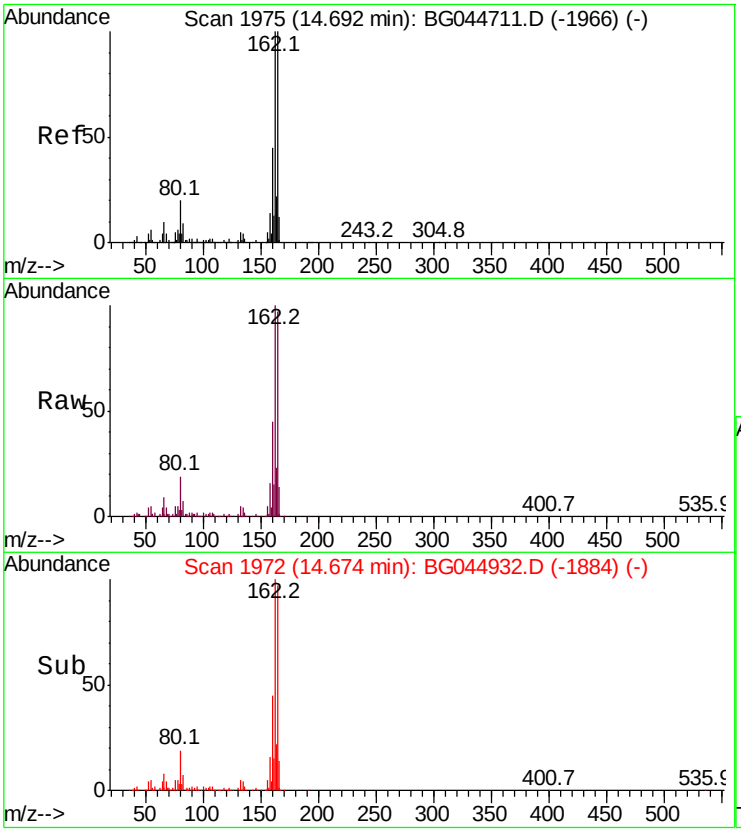


#32
Benzoic acid
Concen: 9.717 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion:122 Resp: 200

Ion	Ratio	Lower	Upper
122	100		
105	74.9	109.1	149.1#
77	91.3	85.3	125.3



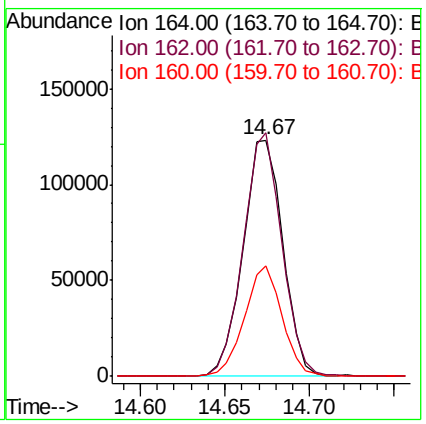


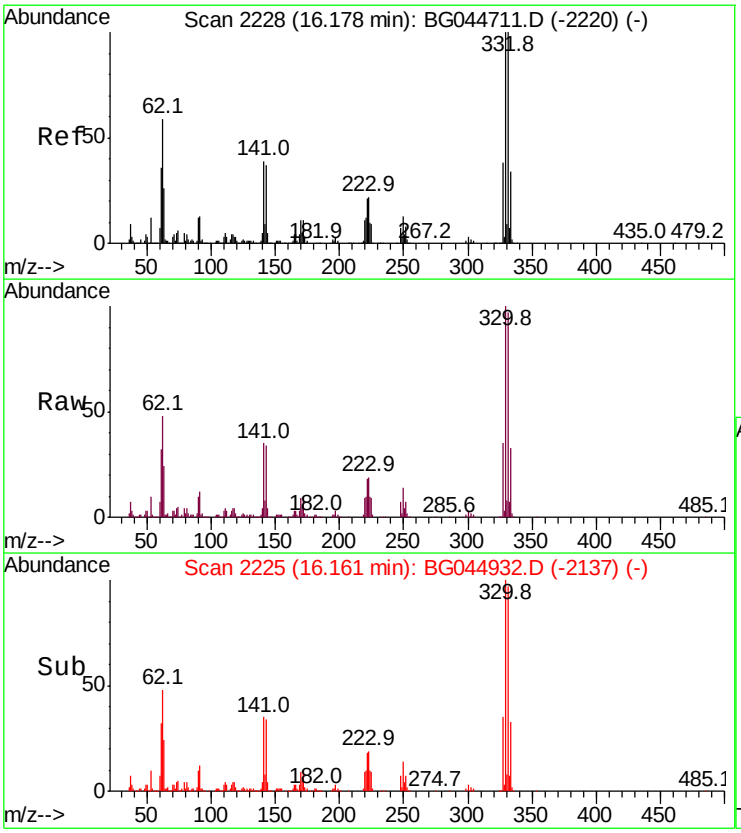
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Tgt Ion:164 Resp: 202616

Ion	Ratio	Lower	Upper
164	100		
162	103.1	76.7	115.1
160	46.6	35.0	52.4

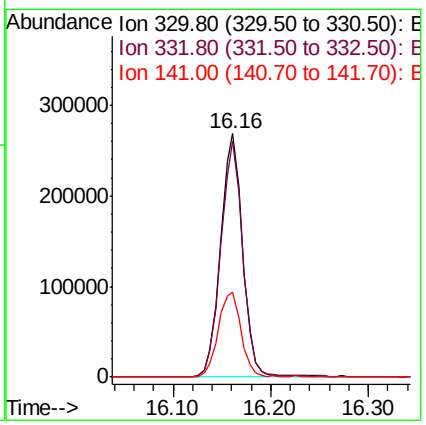


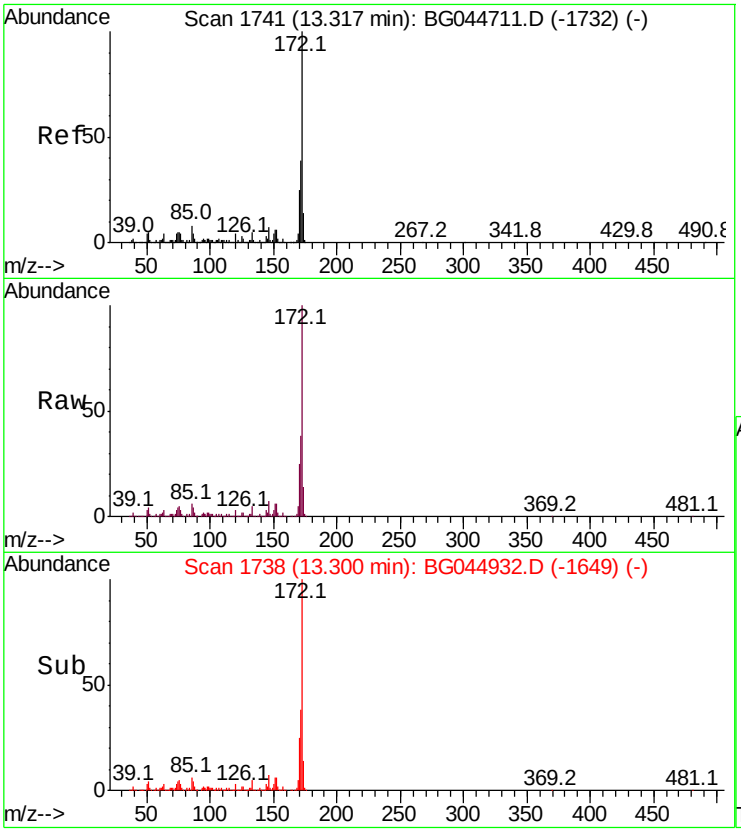


#42
2,4,6-Tribromophenol
Concen: 158.326 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion:330 Resp: 420031

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.6
141	36.5	29.5	44.3



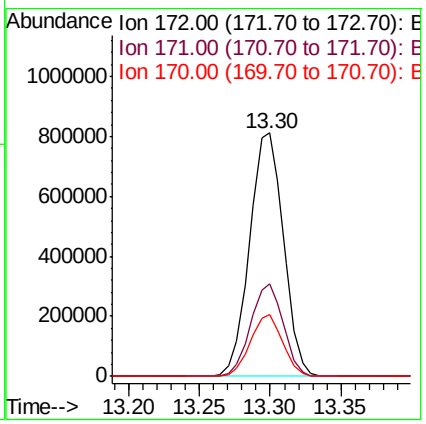


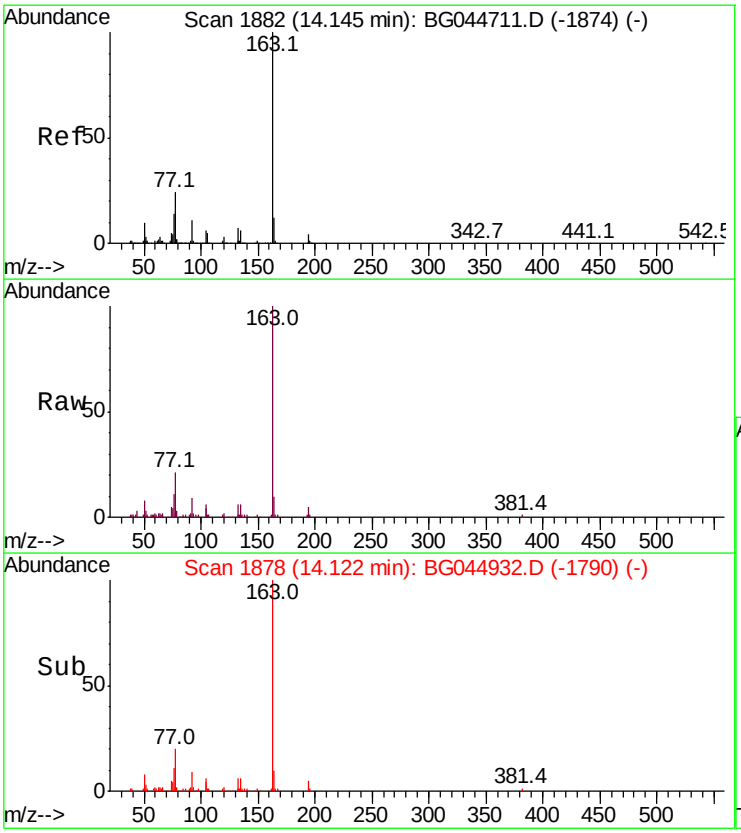
#45
2-Fluorobiphenyl
Concen: 96.848 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Tgt Ion:172 Resp: 1370286

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.7	43.1
170	25.2	19.0	28.6

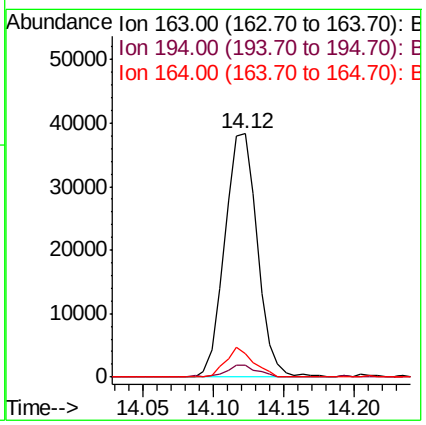


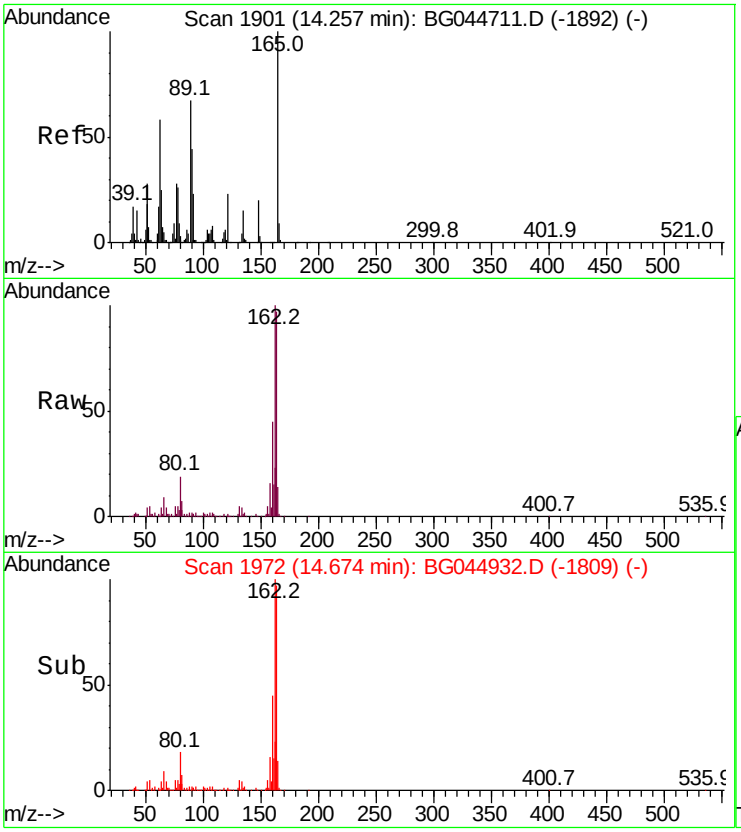


#50
Dimethylphthalate
Concen: 3.815 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion:163 Resp: 61561

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	9.6	9.1	13.7



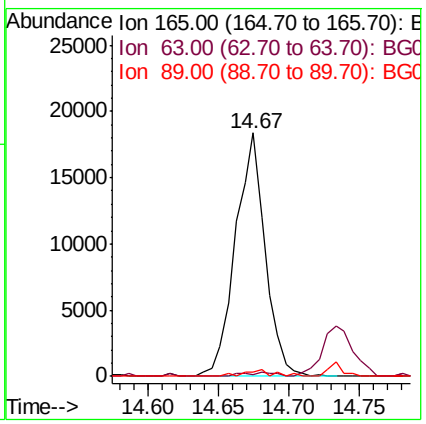


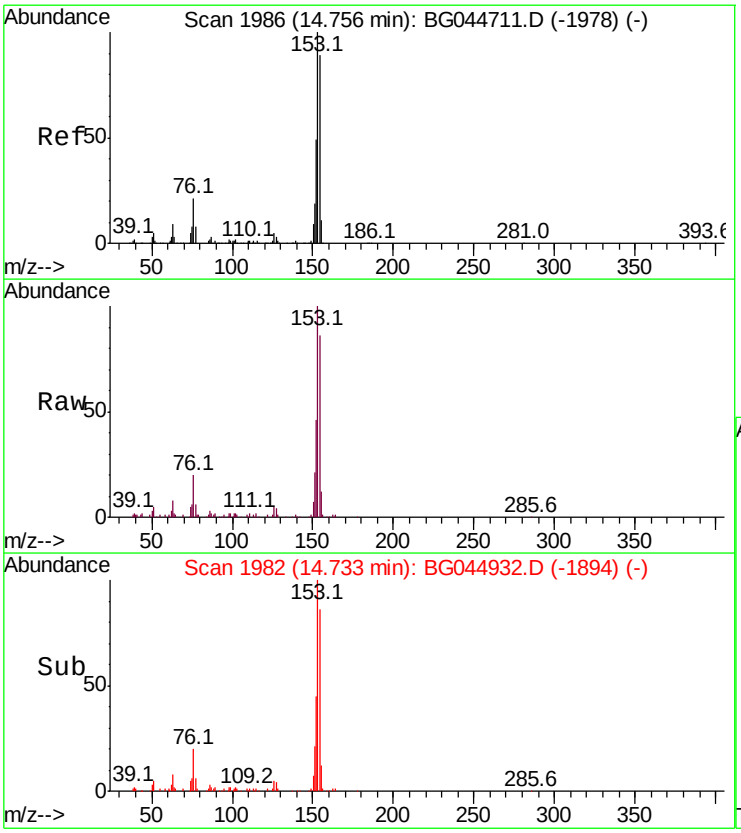
#51
2,6-Dinitrotoluene
Concen: 8.275 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.43 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Tgt Ion:165 Resp: 26916

Ion	Ratio	Lower	Upper
165	100		
63	0.9	45.8	68.8#
89	1.7	51.8	77.6#

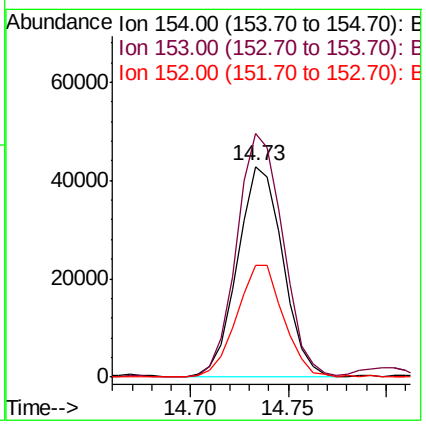


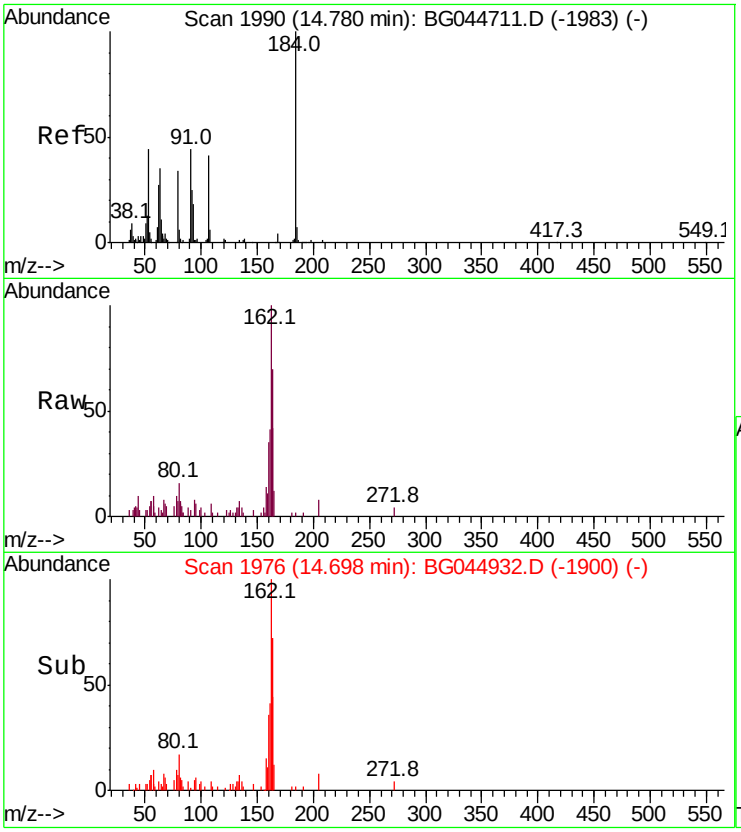


#52
Acenaphthene
Concen: 5.437 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion:154 Resp: 68997

Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.0	133.6
152	53.0	43.0	64.6



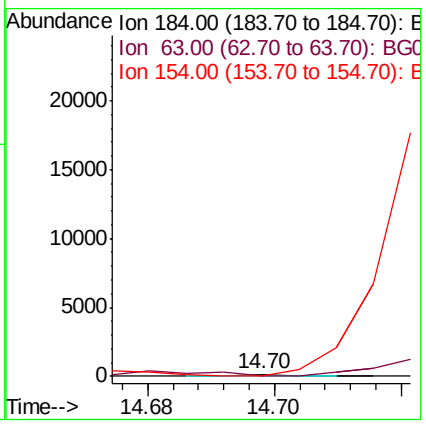


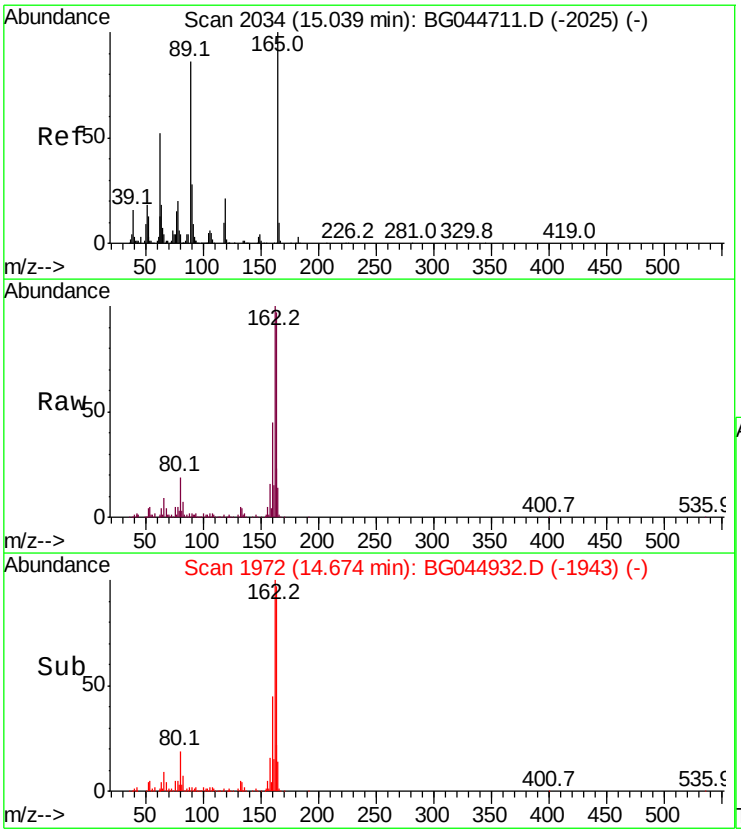
#54
2,4-Dinitrophenol
Concen: 8.352 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.08 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Tgt Ion:184 Resp: 55

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

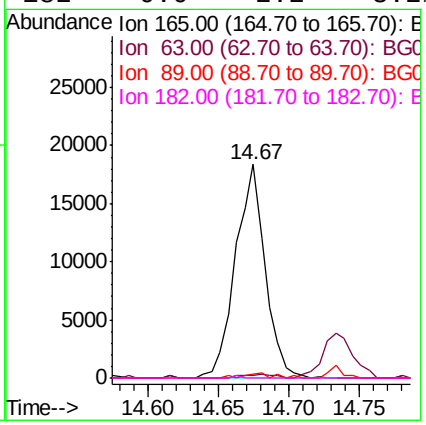


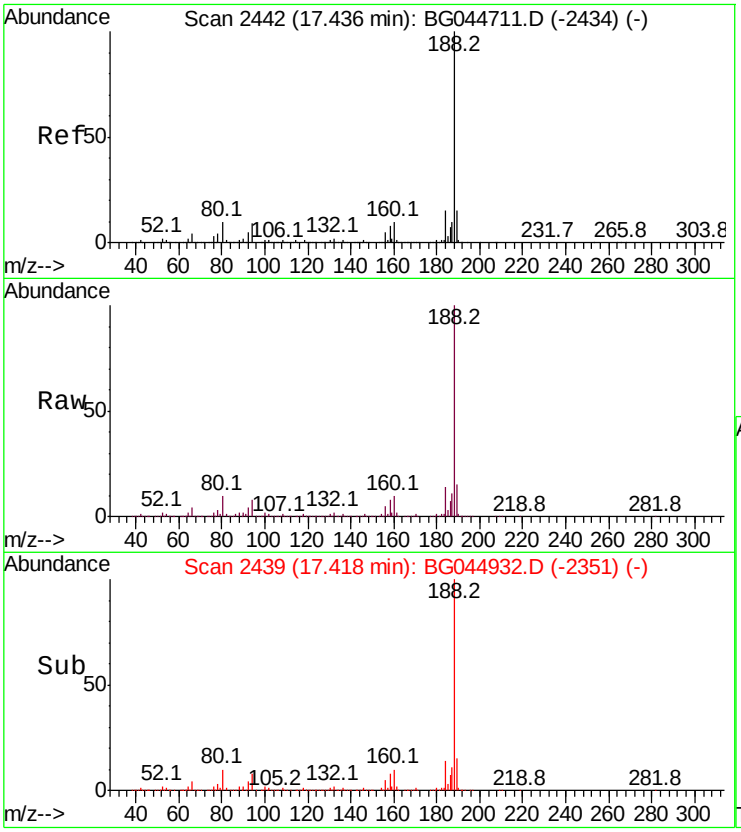


#57
2,4-Dinitrotoluene
Concen: 6.033 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion:165 Resp: 26916

Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.6	52.0#
89	1.7	61.3	91.9#
182	0.0	2.2	3.2#



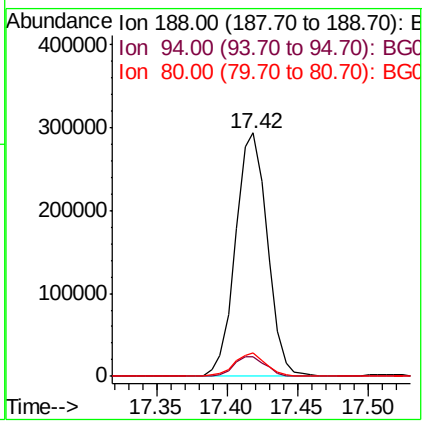


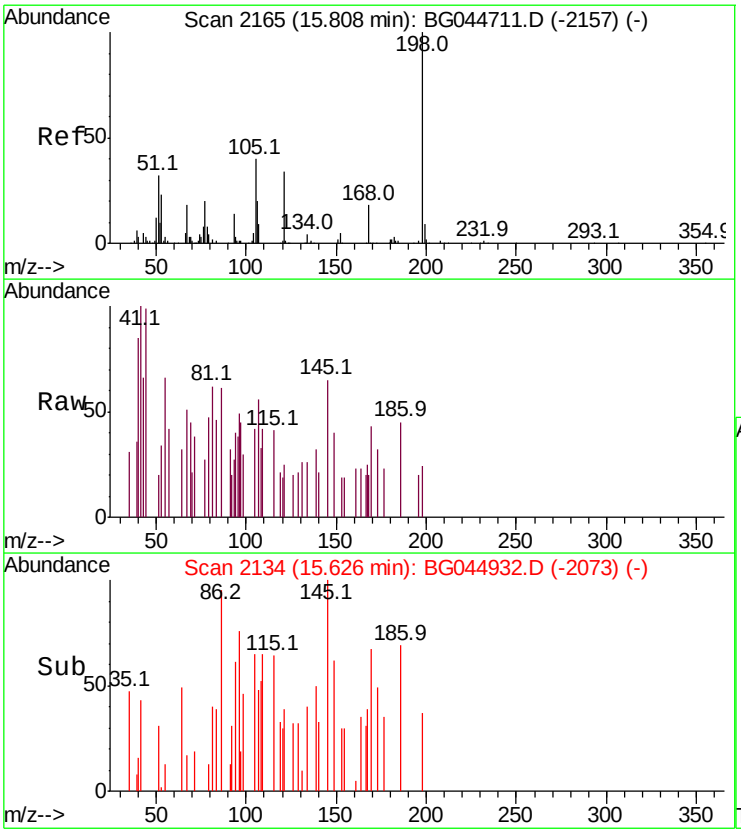
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Tgt Ion:188 Resp: 463913

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.3	10.9
80	9.5	8.0	12.0

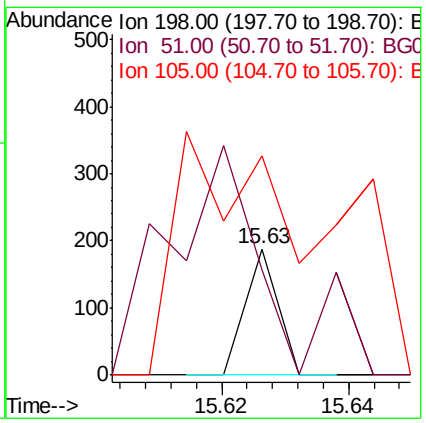


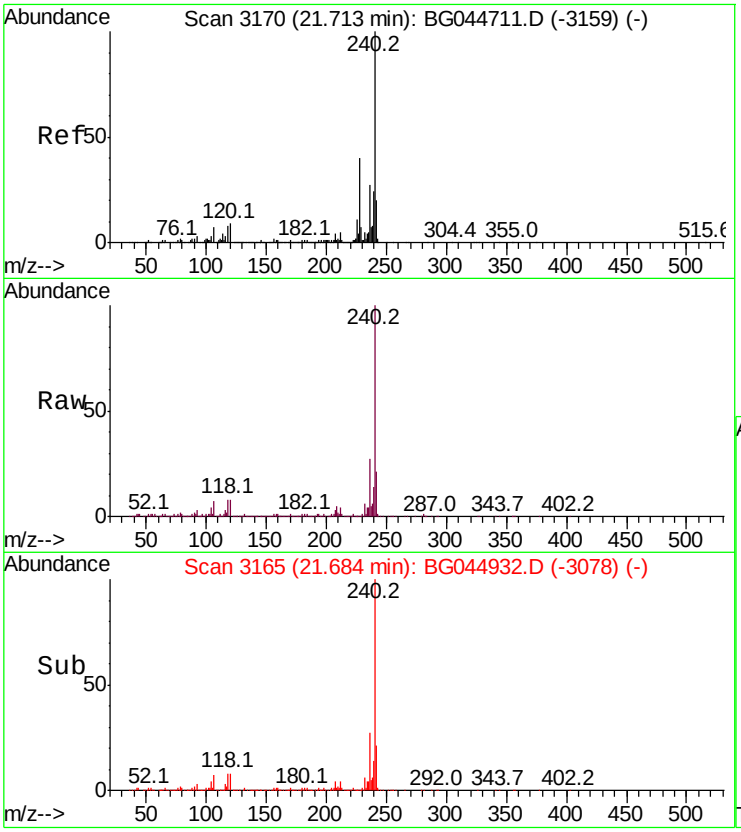


#65
4,6-Dinitro-2-methylphenol
Concen: 7.754 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.17 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion:198 Resp: 66

Ion	Ratio	Lower	Upper
198	100		
51	83.5	21.1	61.1#
105	173.9	24.5	64.5#



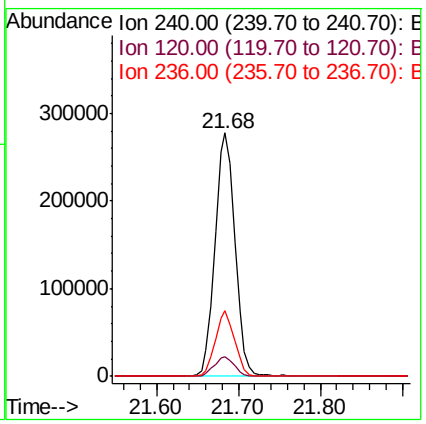


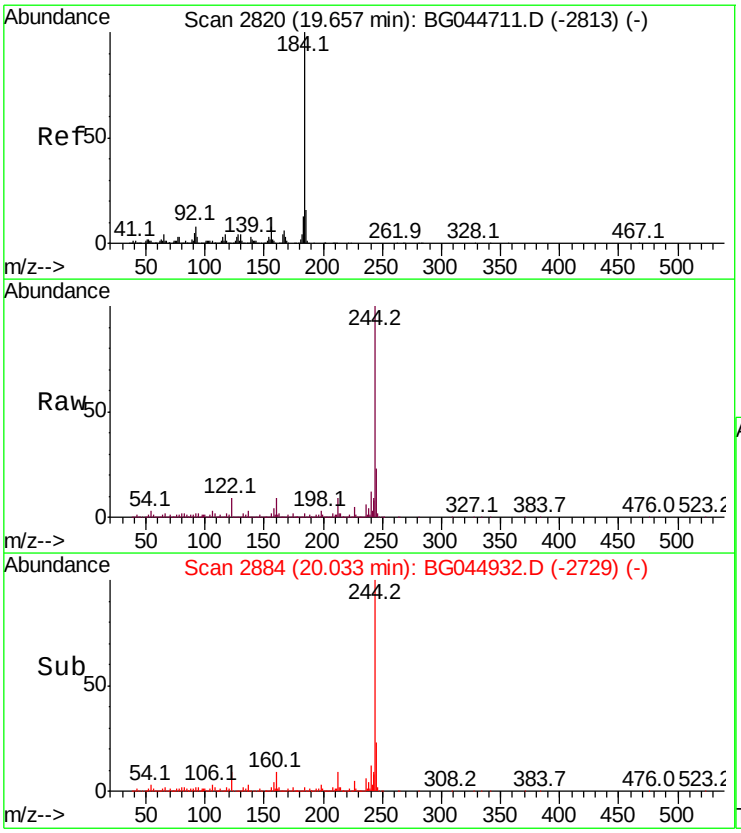
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Tgt Ion:240 Resp: 472535

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.7	10.1
236	27.1	21.5	32.3

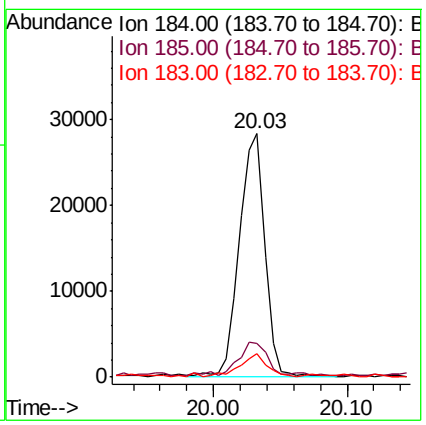


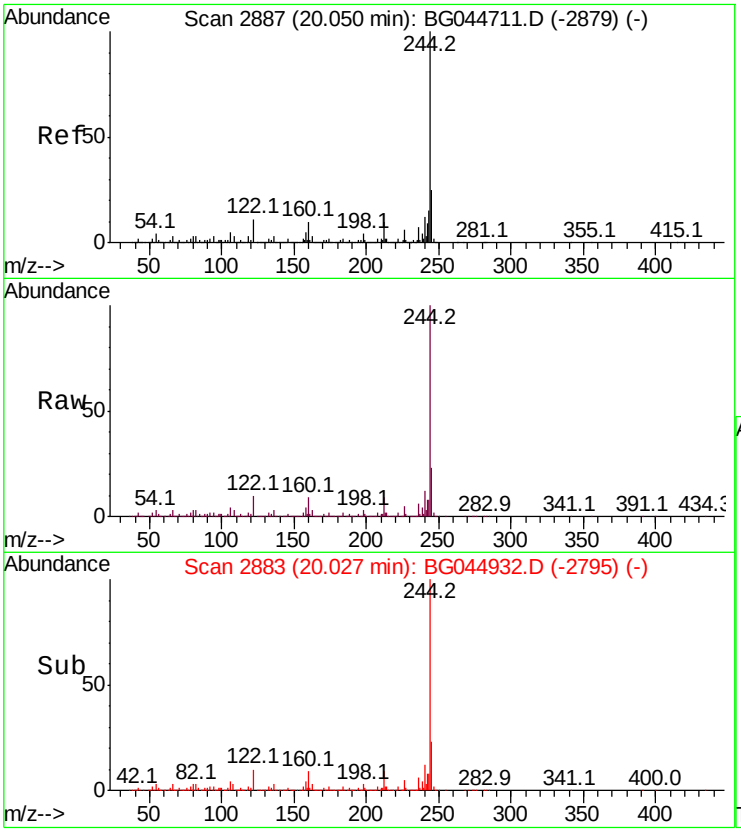


#77
Benzidine
Concen: 2.444 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion:184 Resp: 37495

Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.2	18.4
183	9.6	10.7	16.1#



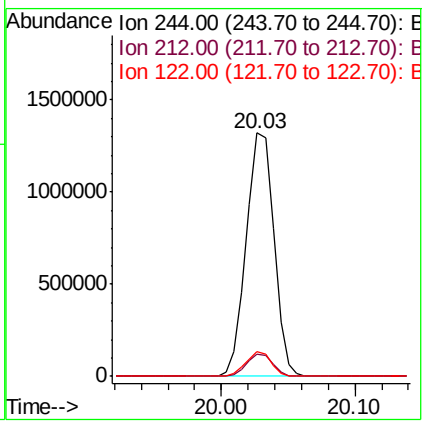


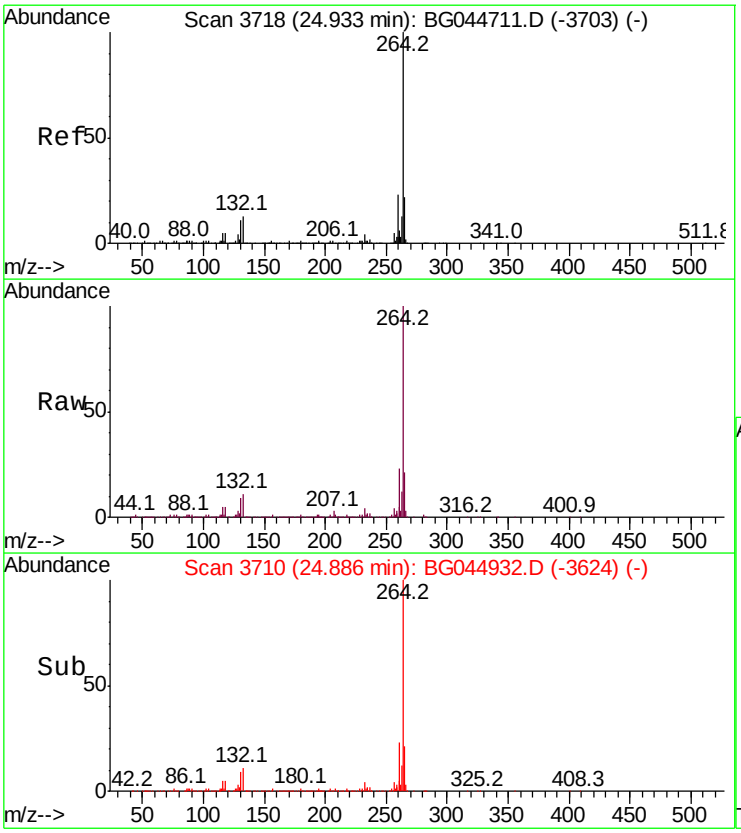
#79
Terphenyl-d14
Concen: 74.625 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Tgt Ion:244 Resp: 1885161

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.7	11.5
122	10.3	8.6	12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion:264 Resp: 516754

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.1	27.1
265	21.2	17.1	25.7