Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044795.D
Acq On : 14 Mar 2020 12:26
Operator : CG/JU
Sample : L1826-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MC5B41

Quant Time: Mar 16 01:35:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	106094	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	429789	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	289640	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	613709	20.00	ng	0.00
76) Chrysene-d12	21.70	240	522021	20.00	ng	-0.02
87) Perylene-d12	24.92	264	571509	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	762157	111.83	ng	0.00
7) Phenol-d6	7.21	99	985176	99.49	ng	0.00
23) Nitrobenzene-d5	9.21	82	844768	86.25	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	506309	133.51	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1721405	85.11	ng	0.00
79) Terphenyl-d14	20.04	244	2434642	87.24	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.21	77	1903	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.21	70	114813	16.42	ng	# 77
26) 2-Nitrophenol	9.80	139	85	5.54	ng	# 28
32) Benzoic acid	10.13	122	97	9.69	ng	# 14
50) Dimethylphthalate	14.13	163	74958	3.25	ng	98
51) 2,6-Dinitrotoluene	14.68	165	38420	8.26	ng	# 19
54) 2,4-Dinitrophenol	14.76	184	54	8.34	ng	# 1
57) 2,4-Dinitrotoluene	14.68	165	38420	6.02	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.11	198	68	7.75	ng	# 35
67) 4-Bromophenyl-phenylether	16.17	248	34309	4.47	ng	# 1
77) Benzidine	20.04	184	48543	2.86	ng	# 94

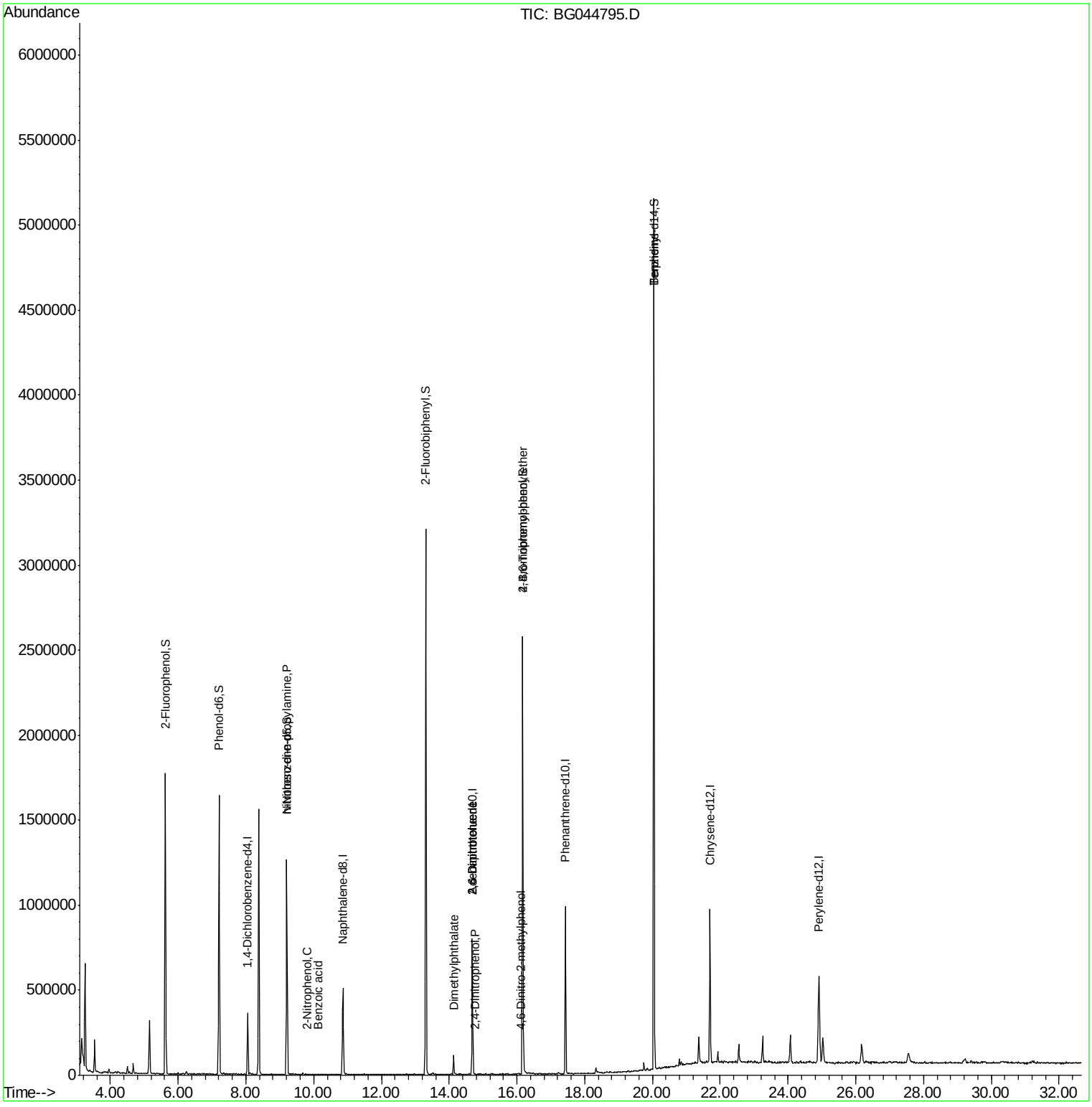
(#) = qualifier out of range (m) = manual integration (+) = signals summed

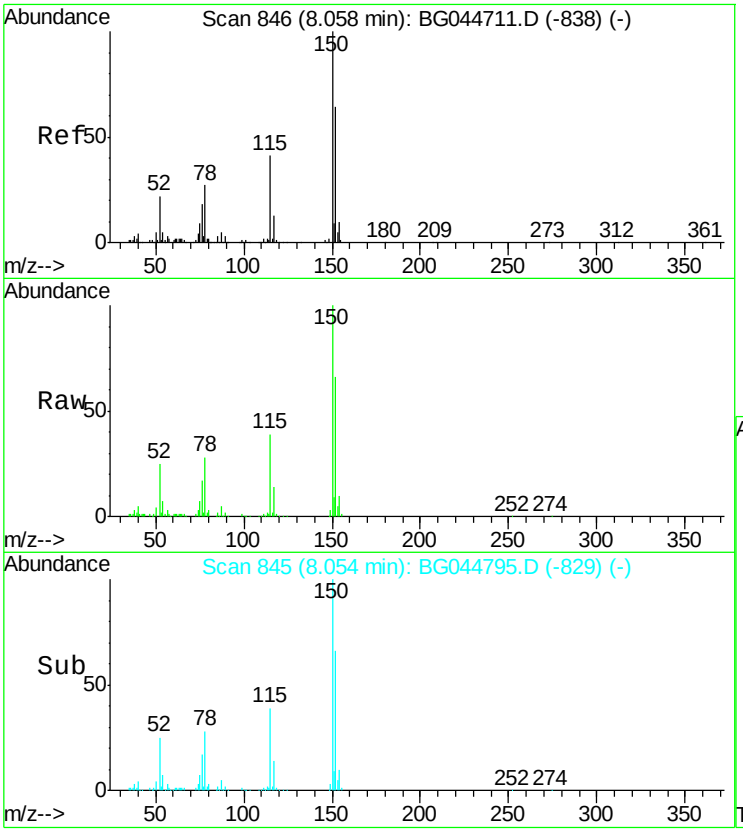
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044795.D
Acq On : 14 Mar 2020 12:26
Operator : CG/JU
Sample : L1826-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MC5B41

Quant Time: Mar 16 01:35:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration



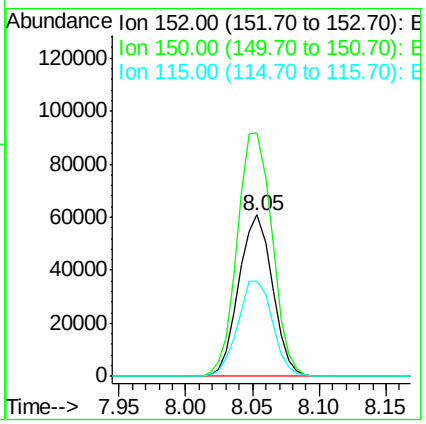


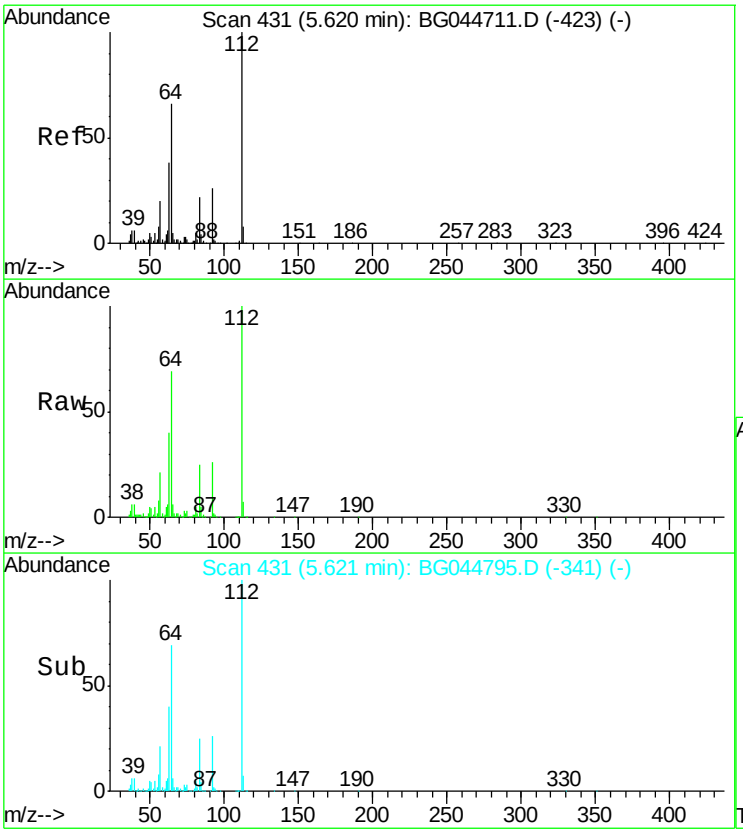
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Instrument :
BNA_G
ClientSampleId :
MC5B41

Tgt Ion:152 Resp: 106094

Ion	Ratio	Lower	Upper
152	100		
150	150.7	125.3	187.9
115	58.9	51.7	77.5

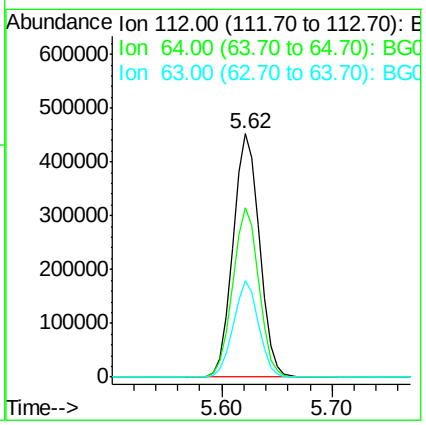


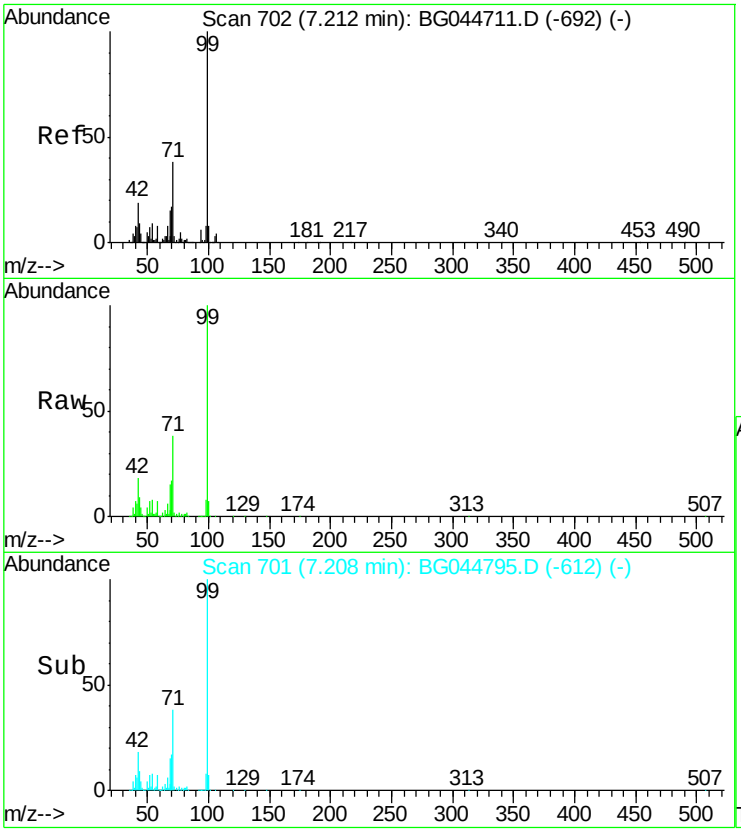


#5
2-Fluorophenol
Concen: 111.83 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion:112 Resp: 762157

Ion	Ratio	Lower	Upper
112	100		
64	69.5	52.6	78.8
63	39.8	30.2	45.4



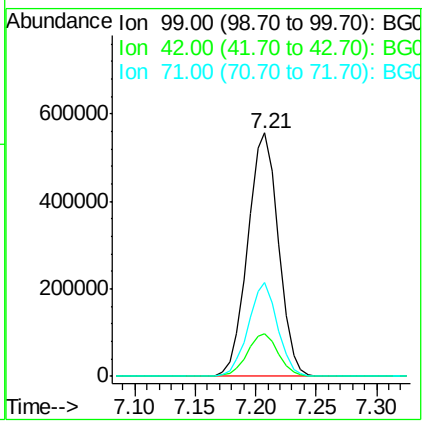


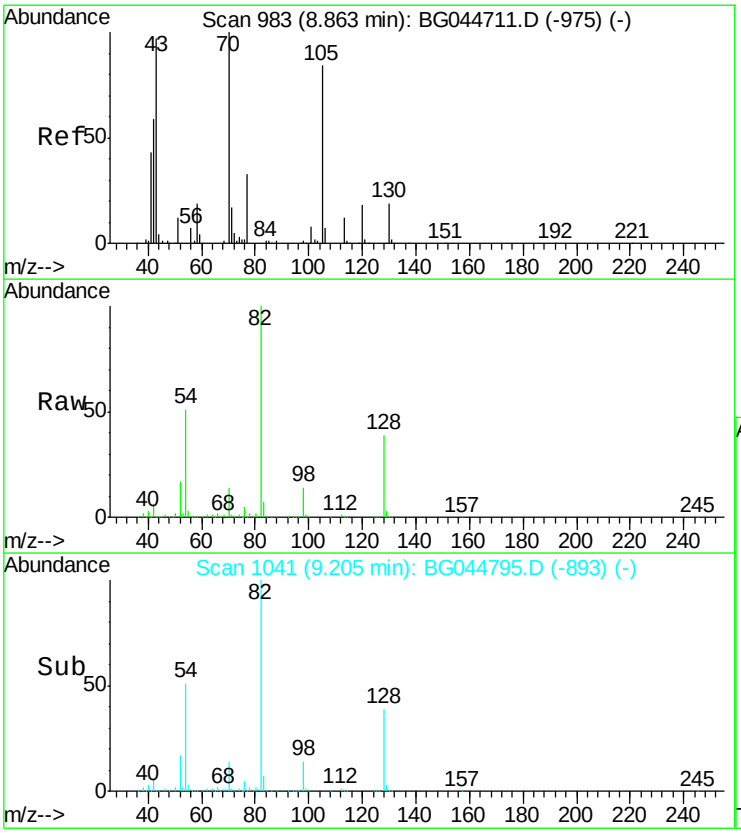
#7
Phenol-d6
Concen: 99.49 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Instrument :
BNA_G
ClientSampleId :
MC5B41

Tgt Ion: 99 Resp: 985176

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.4	23.0
71	38.4	30.2	45.4

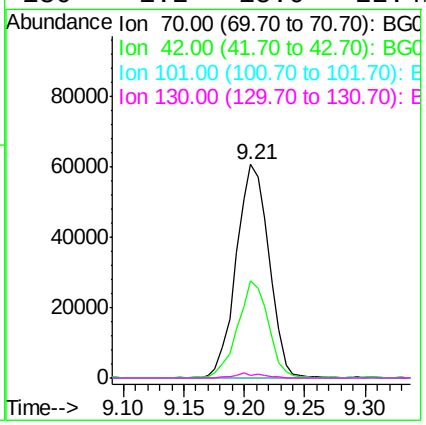


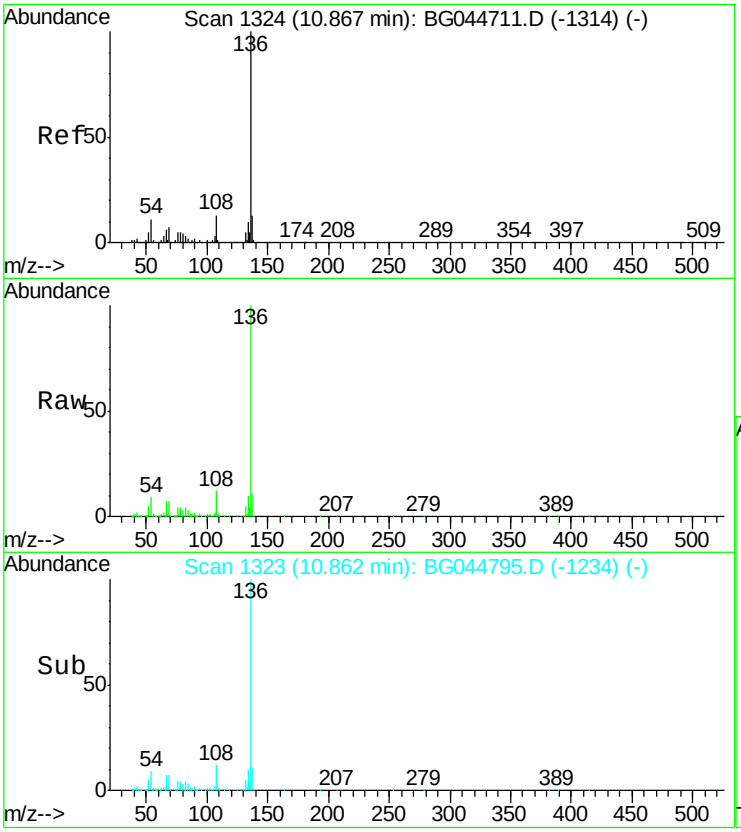


#19
n-Nitroso-di-n-propylamine
Concen: 16.42 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.34 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion: 70 Resp: 114813

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.6	71.4#
101	0.0	6.5	9.7#
130	1.2	15.0	22.4#



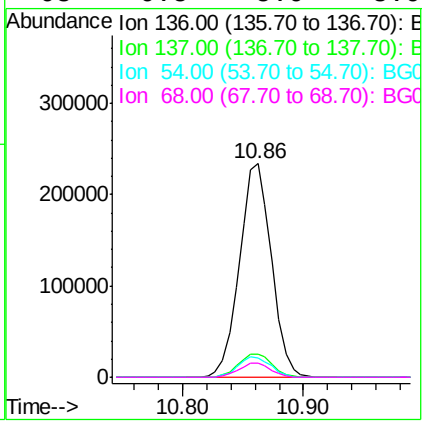


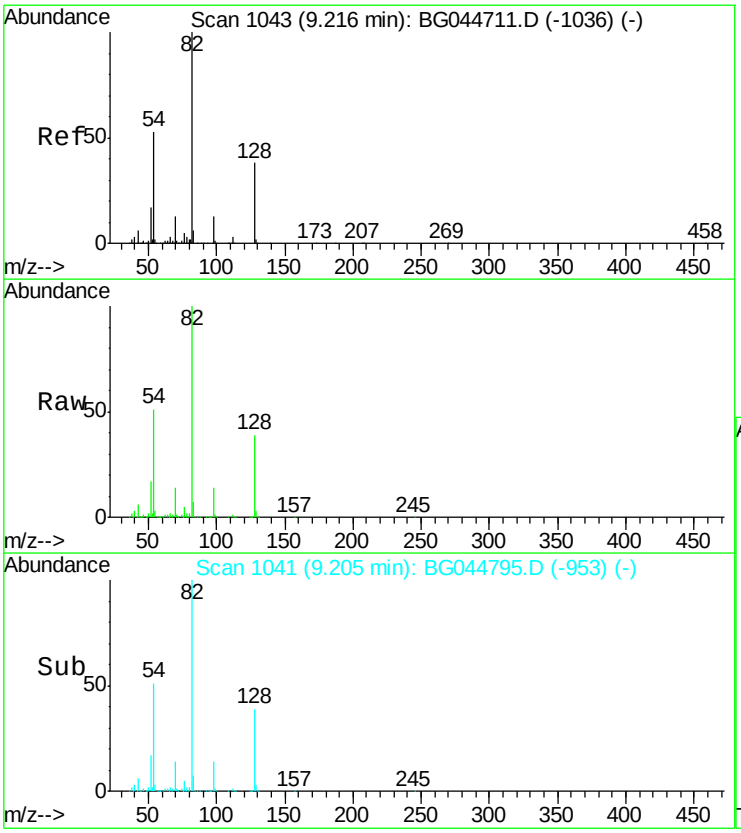
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Instrument :
BNA_G
ClientSampleId :
MC5B41

Tgt Ion:136 Resp: 429789

Ion	Ratio	Lower	Upper
136	100		
137	10.9	10.7	16.1
54	9.1	9.0	13.4
68	6.5	5.9	8.9

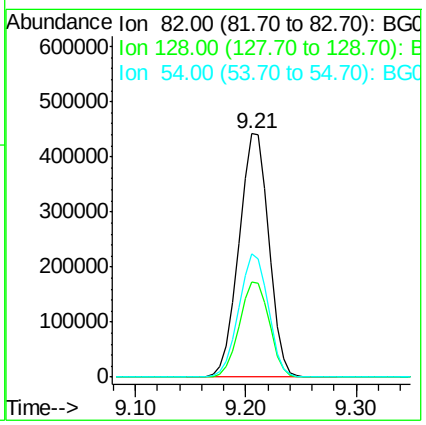


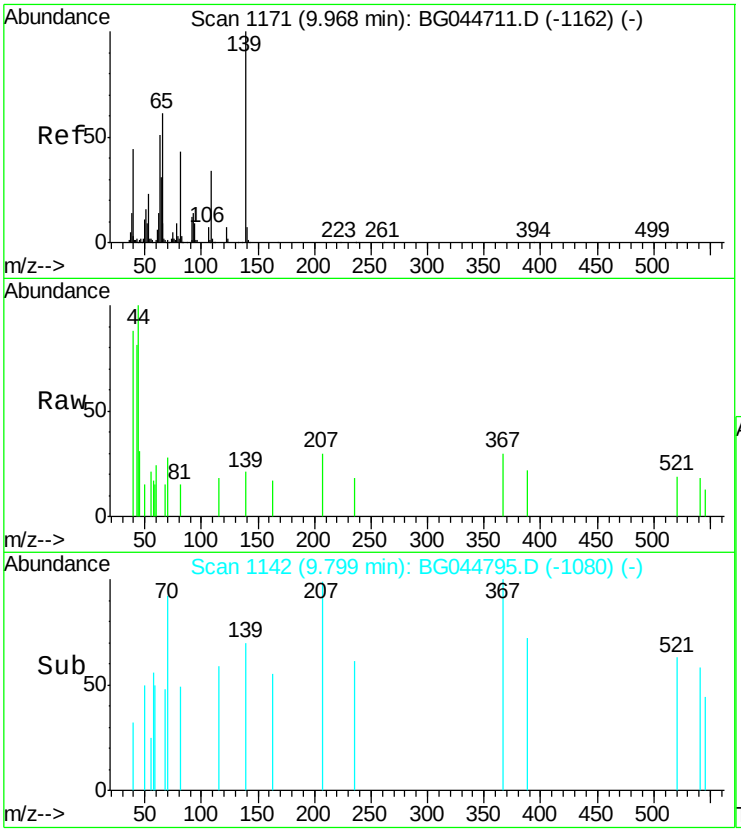


#23
Nitrobenzene-d5
Concen: 86.25 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion: 82 Resp: 844768

Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.2	45.2
54	50.8	41.8	62.8



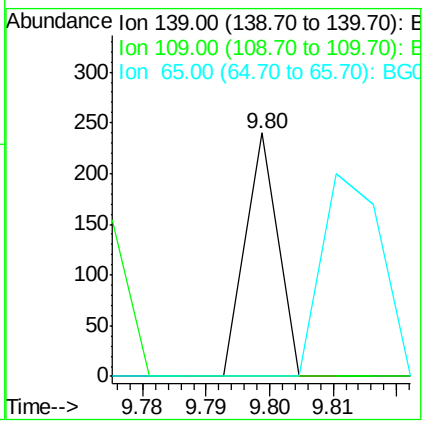


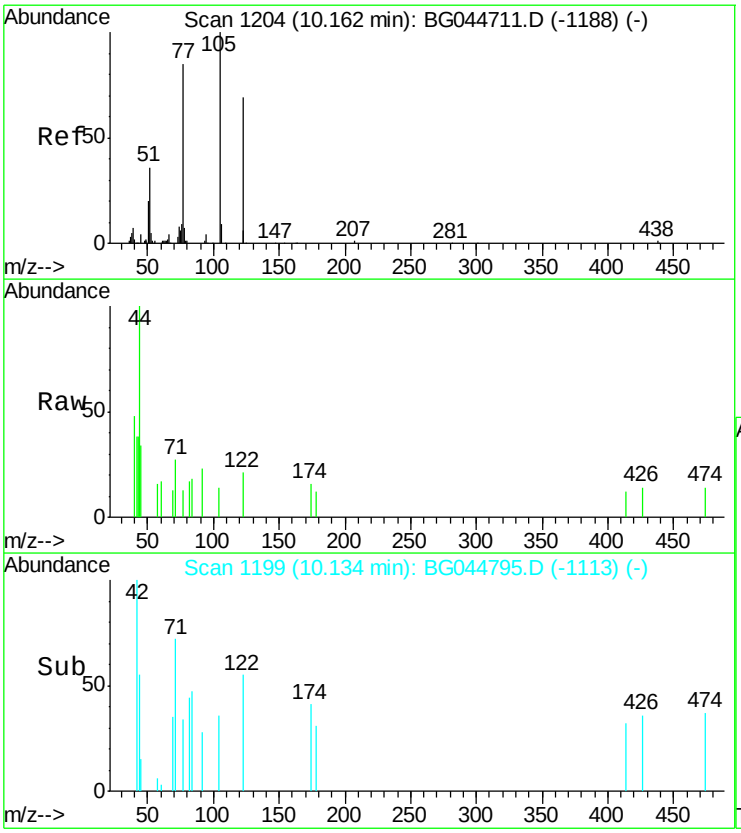
#26
2-Nitrophenol
Concen: 5.54 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.17 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Instrument :
BNA_G
ClientSampleId :
MC5B41

Tgt Ion:139 Resp: 85

Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.0	40.4#
65	0.0	48.6	73.0#

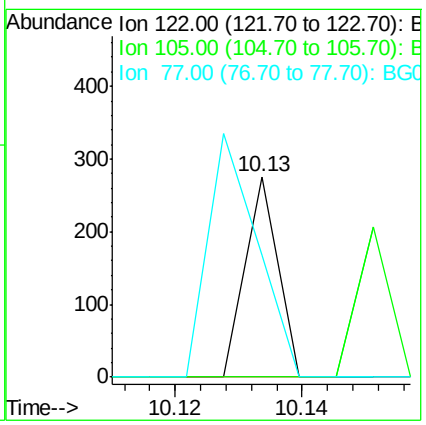


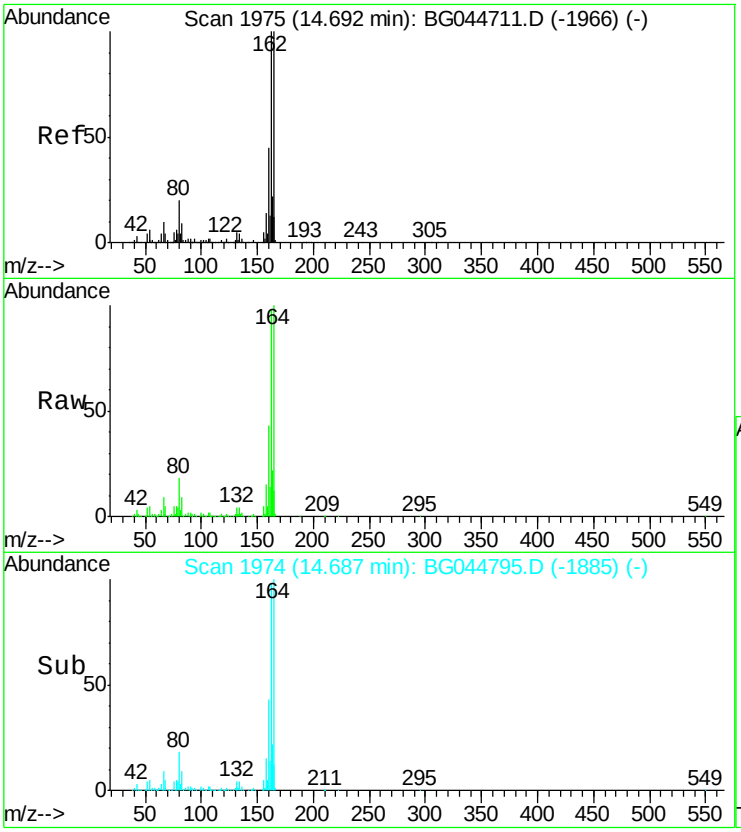


#32
Benzoic acid
Concen: 9.69 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.03 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion:122 Resp: 97

Ion	Ratio	Lower	Upper
122	100		
105	0.0	119.0	159.0#
77	60.9	96.4	136.4#



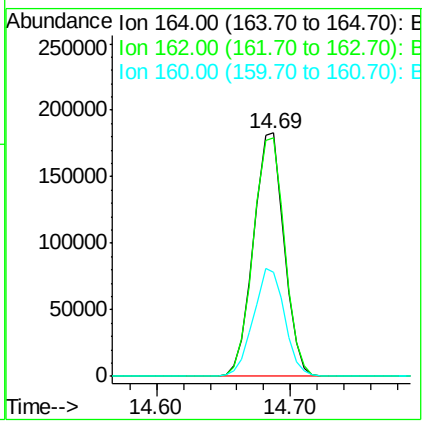


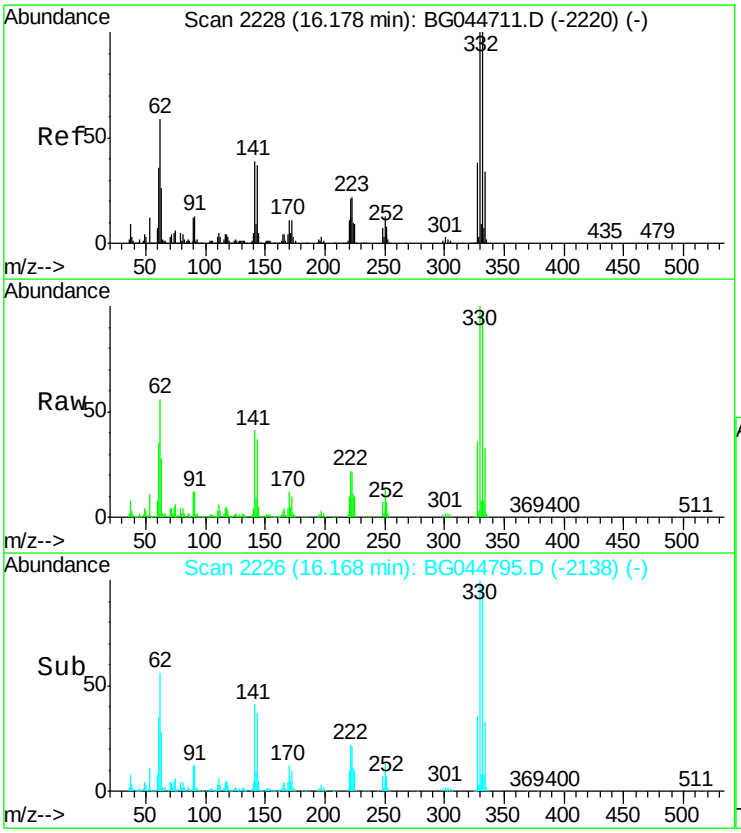
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Instrument :
BNA_G
ClientSampleId :
MC5B41

Tgt Ion:164 Resp: 289640

Ion	Ratio	Lower	Upper
164	100		
162	97.9	80.2	120.4
160	42.9	36.2	54.2

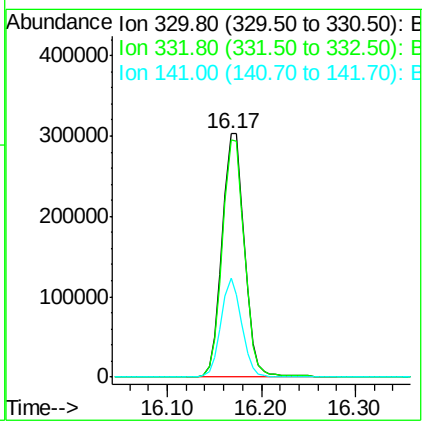


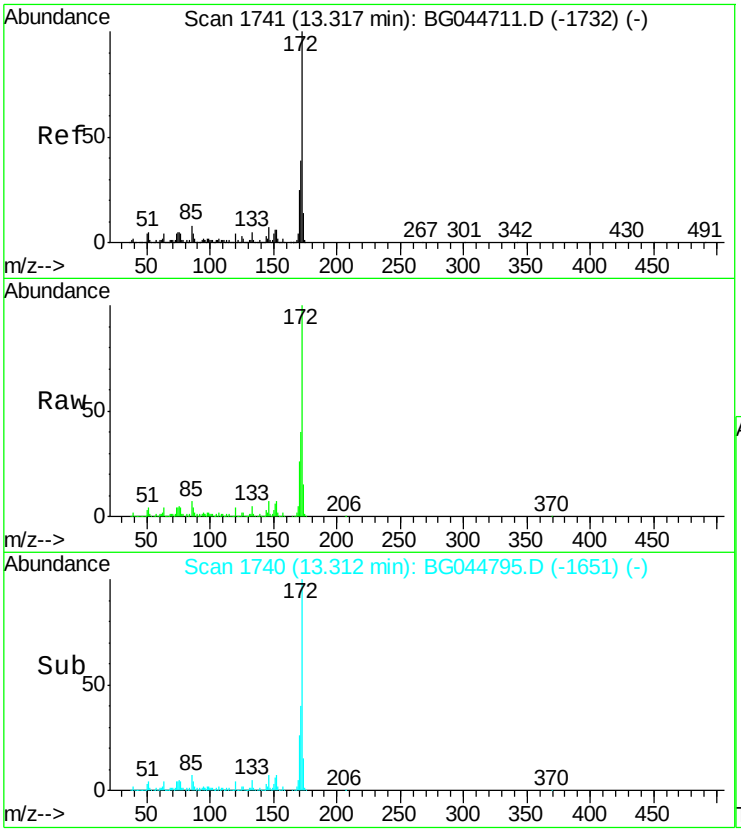


#42
2,4,6-Tribromophenol
Concen: 133.51 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion:330 Resp: 506309

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	37.6	31.7	47.5



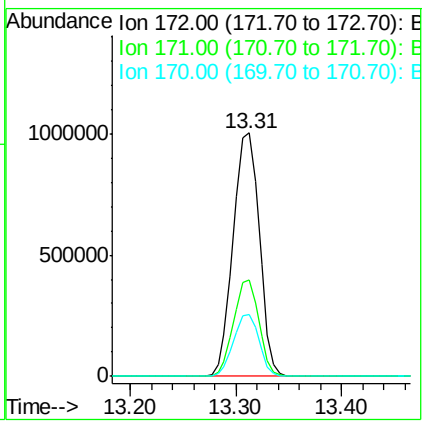


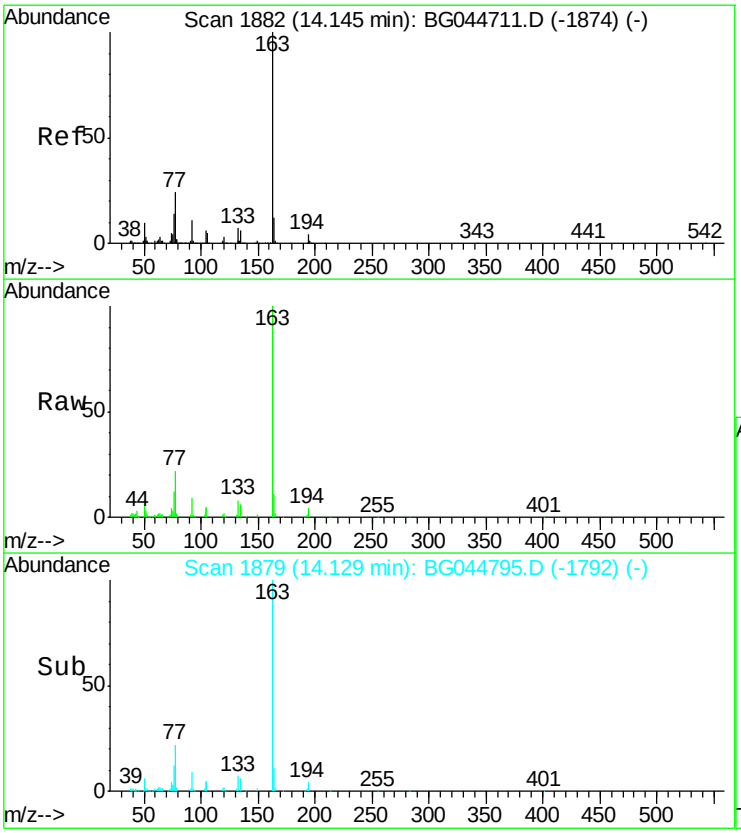
#45
2-Fluorobiphenyl
Concen: 85.11 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Instrument :
BNA_G
ClientSampleId :
MC5B41

Tgt Ion:172 Resp: 1721405

Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.8	46.2
170	25.5	20.0	30.0

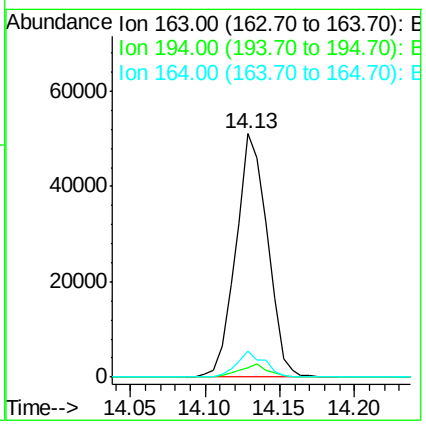


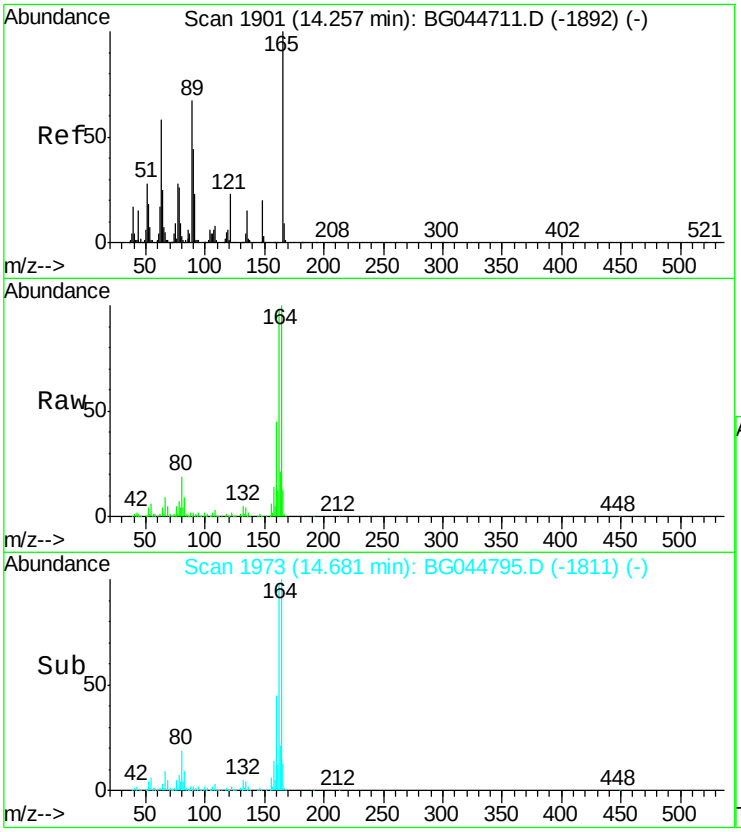


#50
Dimethylphthalate
Concen: 3.25 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion:163 Resp: 74958

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	10.5	9.2	13.8



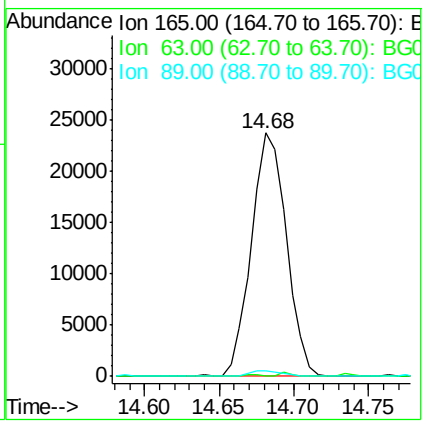


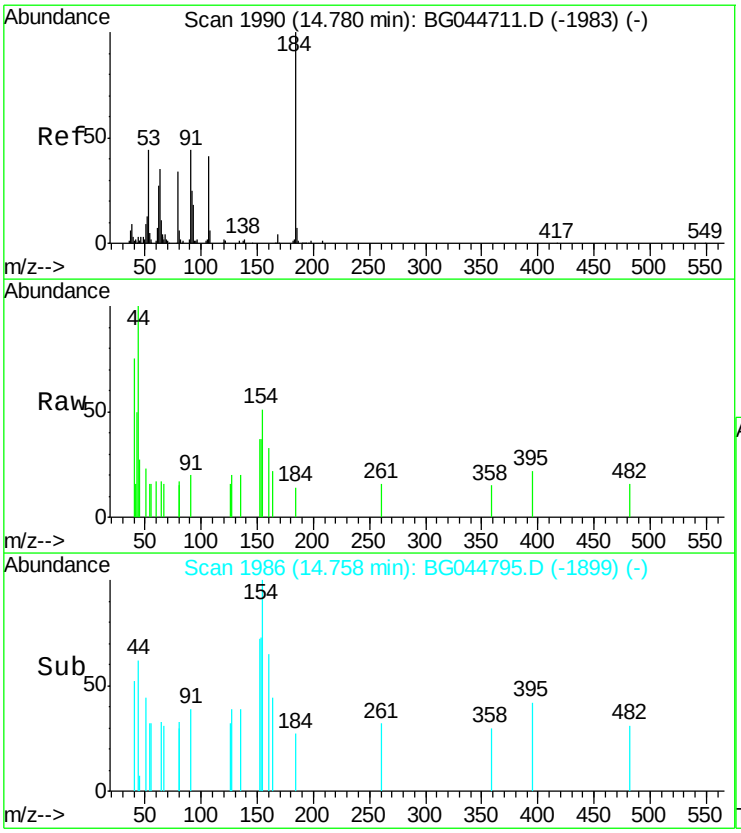
#51
2,6-Dinitrotoluene
Concen: 8.26 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.42 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Instrument :
BNA_G
ClientSampleId :
MC5B41

Tgt Ion:165 Resp: 38420

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	2.1	53.8	80.8#

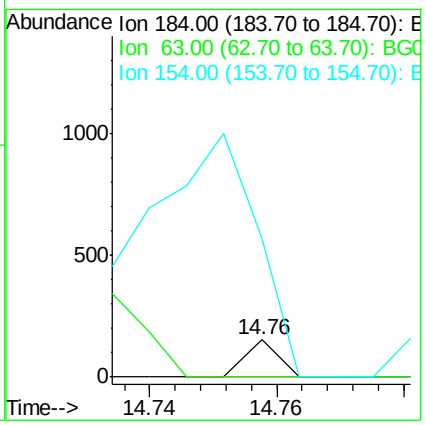


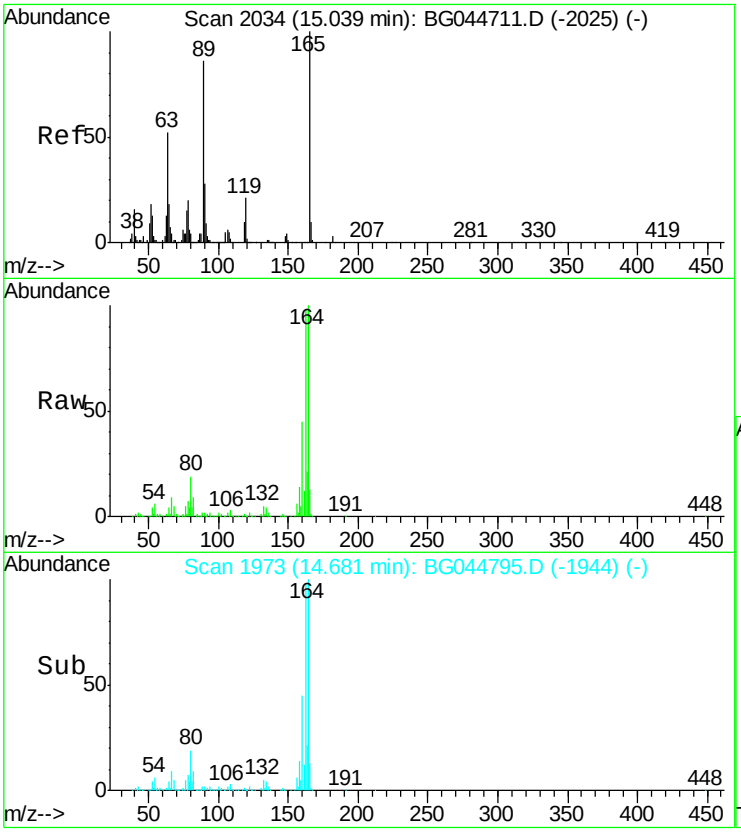


#54
2,4-Dinitrophenol
Concen: 8.34 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.0	73.6#
154	368.8	94.5	141.7#



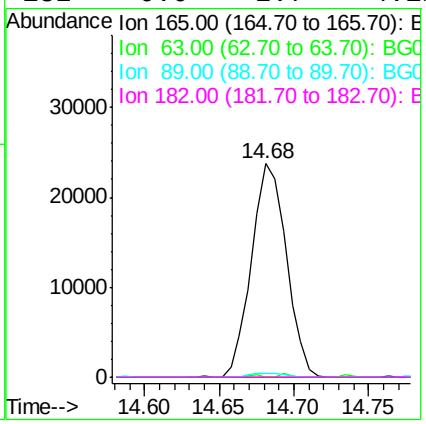


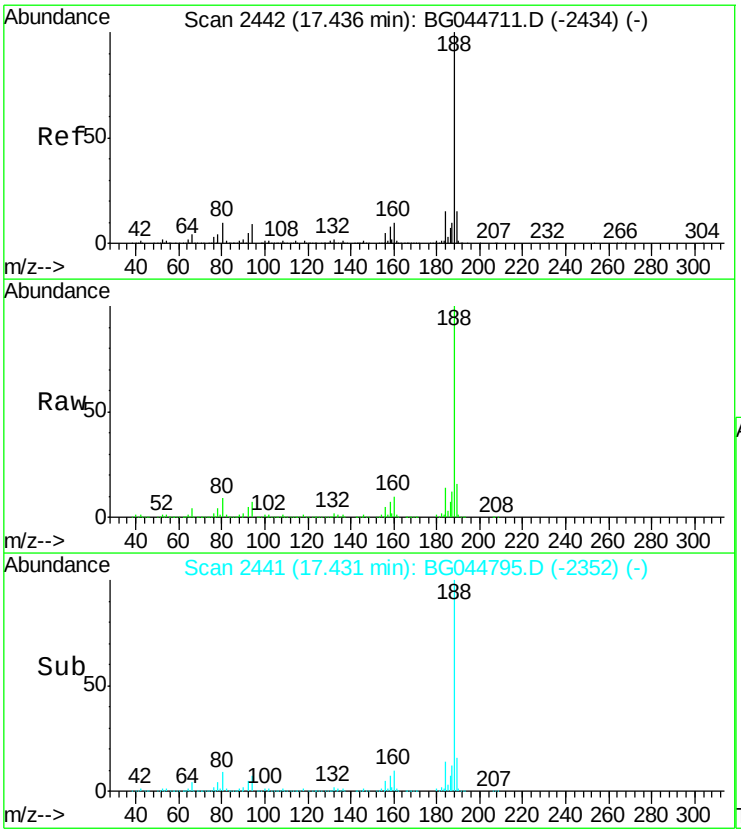
#57
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.36 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Instrument :
BNA_G
ClientSampleId :
MC5B41

Tgt Ion:165 Resp: 38420

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.5	62.3#
89	2.1	69.0	103.4#
182	0.0	2.7	4.1#

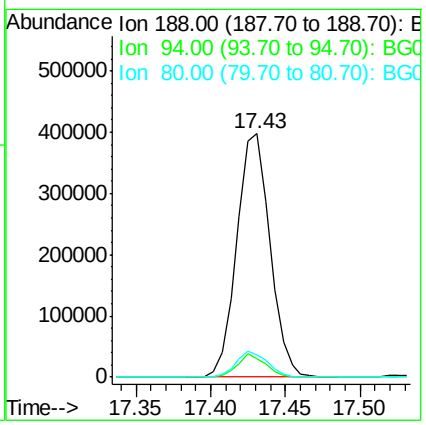


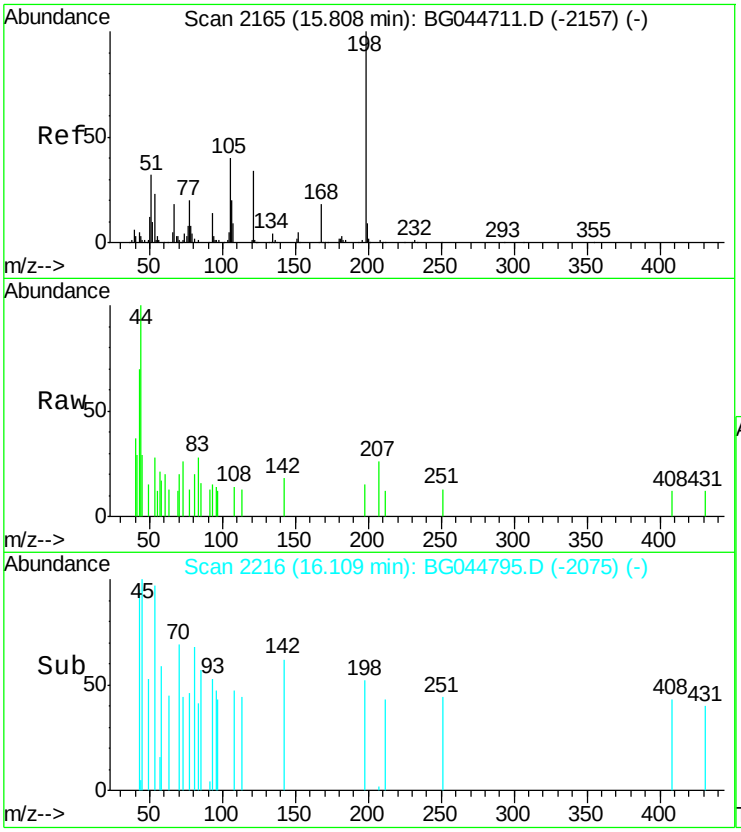


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion:188 Resp: 613709

Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.0	10.6
80	9.1	8.4	12.6



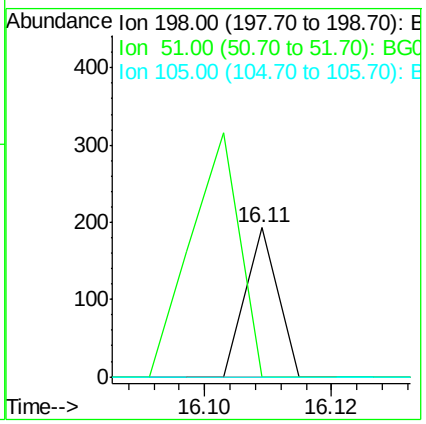


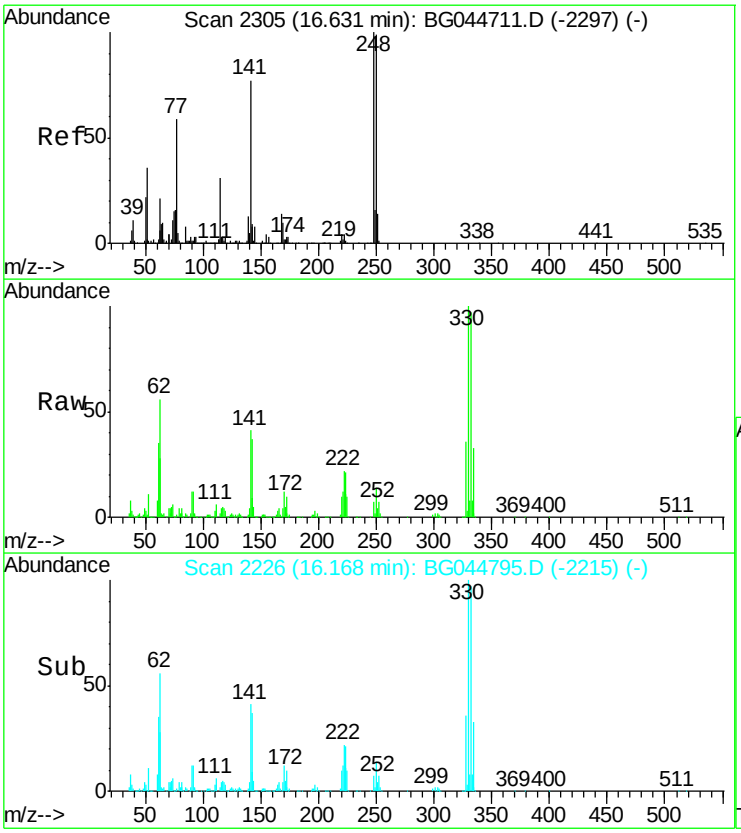
#65
4,6-Dinitro-2-methylphenol
Concen: 7.75 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.30 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Instrument :
BNA_G
ClientSampleId :
MC5B41

Tgt Ion:198 Resp: 68

Ion	Ratio	Lower	Upper
198	100		
51	0.0	20.1	60.1#
105	0.0	21.3	61.3#

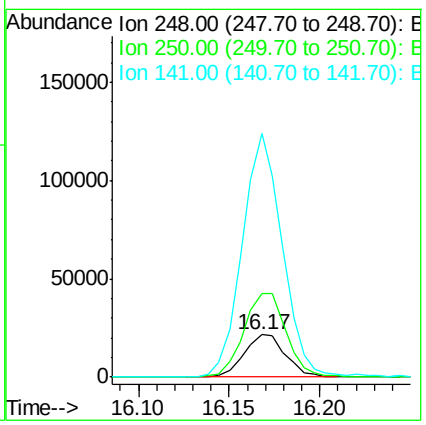


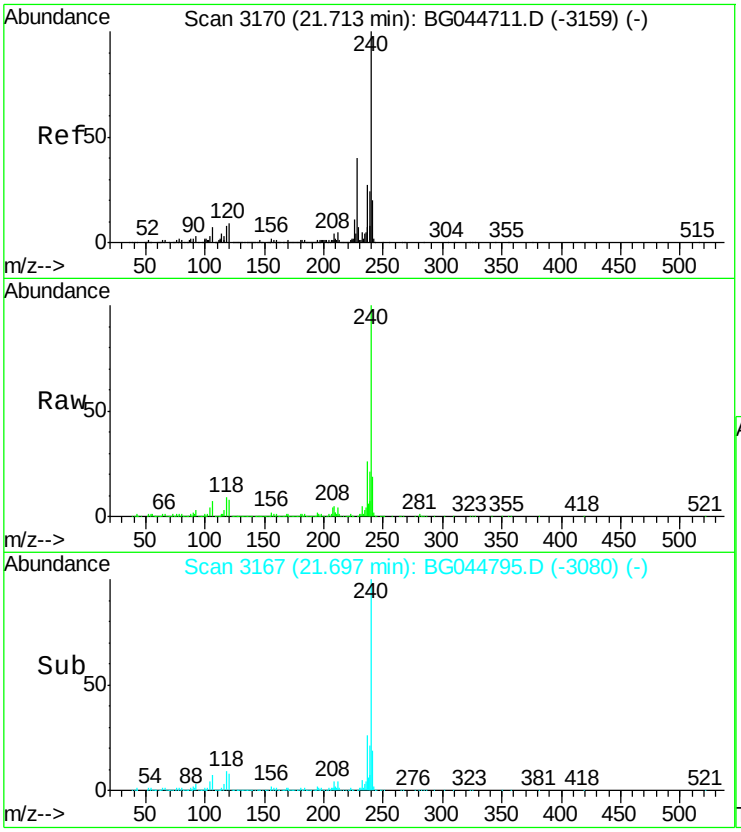


#67
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion:248 Resp: 34309

Ion	Ratio	Lower	Upper
248	100		
250	197.3	79.4	119.0#
141	575.8	61.7	92.5#



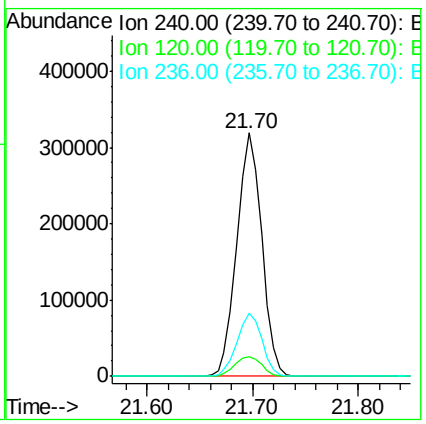


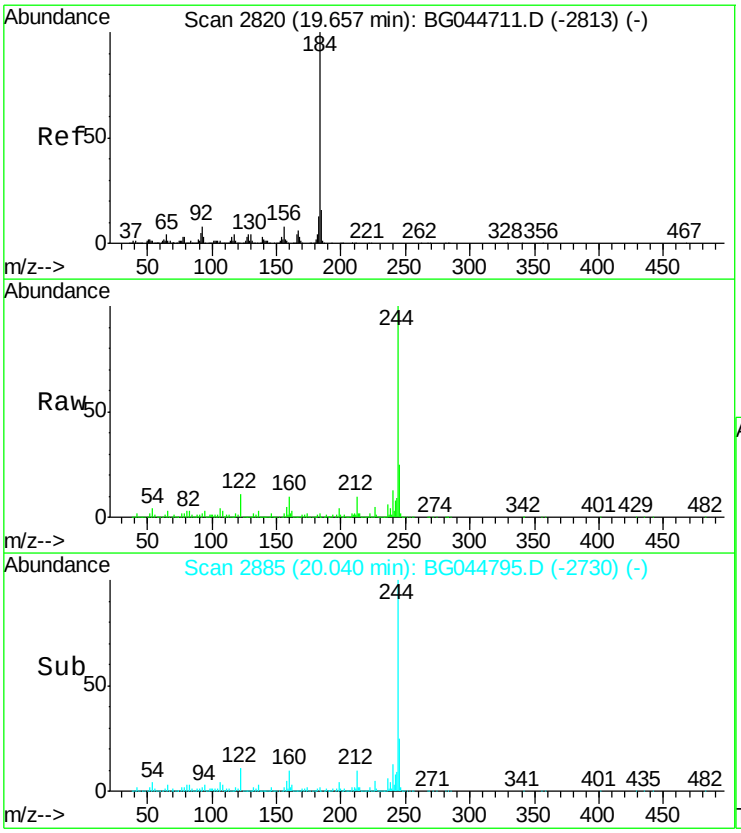
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Instrument :
BNA_G
ClientSampleId :
MC5B41

Tgt Ion:240 Resp: 522021

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	26.1	21.9	32.9

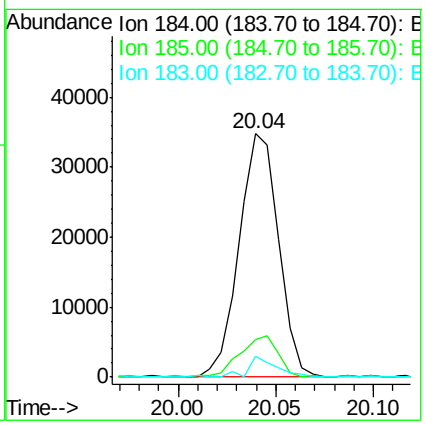


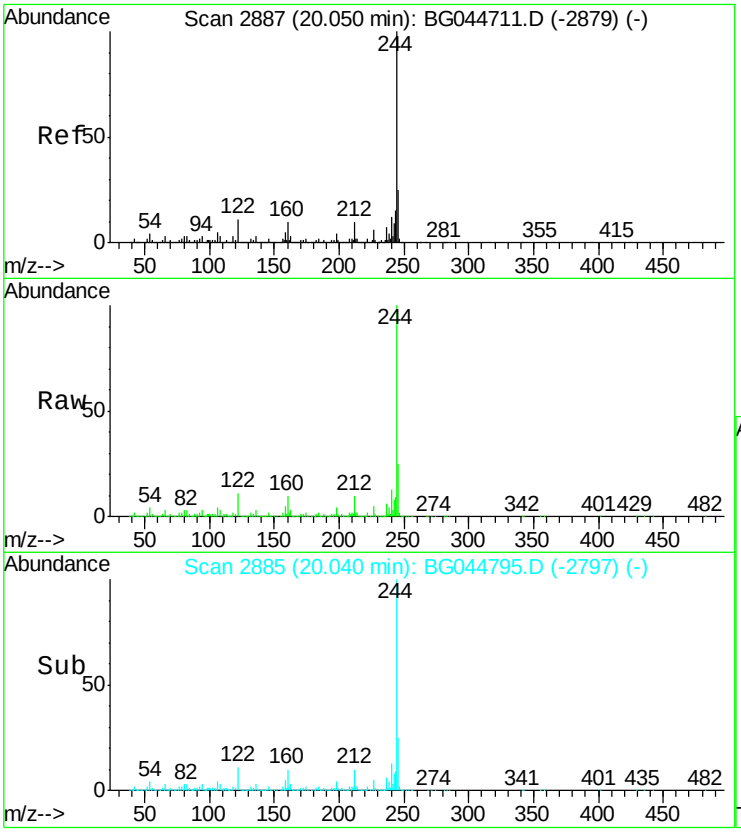


#77
Benzidine
Concen: 2.86 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.38 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion:184 Resp: 48543

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.9	19.3
183	8.5	10.6	15.8#



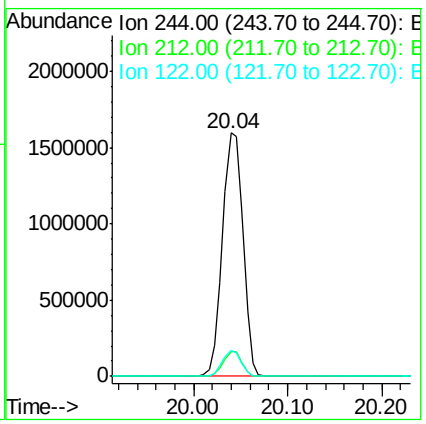


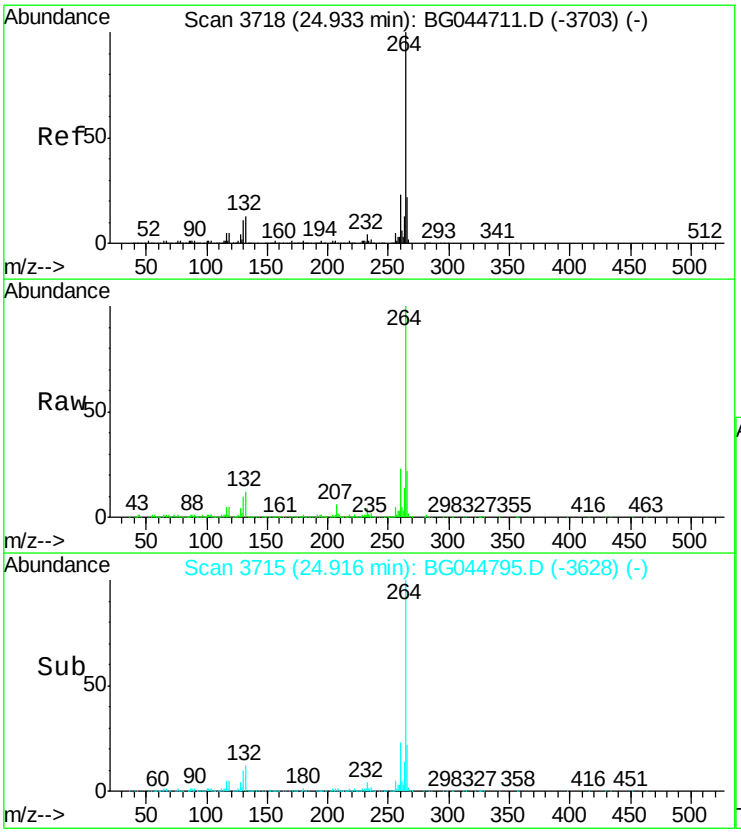
#79
Terphenyl-d14
Concen: 87.24 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Instrument :
BNA_G
ClientSampleId :
MC5B41

Tgt Ion:244 Resp: 2434642

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.4	12.6
122	10.8	8.7	13.1





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044795.D
Acq: 14 Mar 2020 12:26

Tgt Ion:264 Resp: 571509

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	22.4	17.4	26.2