Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044794.D
Acq On : 14 Mar 2020 11:47
Operator : CG/JU
Sample : L1826-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MC5B40

Quant Time: Mar 16 01:35:36 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	227089	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	935922	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	613131	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	1216099	20.00	ng	0.00
76) Chrysene-d12	21.70	240	1045179	20.00	ng	-0.01
87) Perylene-d12	24.92	264	1189125	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	834411	57.20	ng	0.00
7) Phenol-d6	7.21	99	1067582	50.37	ng	0.00
23) Nitrobenzene-d5	9.21	82	931161	43.66	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	524101	65.28	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1841035	43.00	ng	0.00
79) Terphenyl-d14	20.05	244	2423000	43.36	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.21	77	2674	Below Cal	#	12
19) n-Nitroso-di-n-propylamine	9.21	70	123916	8.28	ng	# 72
26) 2-Nitrophenol	9.95	139	154	5.53	ng	# 28
32) Benzoic acid	10.14	122	56	9.67	ng	# 1
50) Dimethylphthalate	14.13	163	183796	3.76	ng	96
51) 2,6-Dinitrotoluene	14.69	165	82288	8.36	ng	# 21
54) 2,4-Dinitrophenol	14.69	184	135	8.35	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	82288	6.10	ng	# 18
59) 2,3,4,6-Tetrachlorophenol	15.31	232	31253	2.44	ng	# 91
65) 4,6-Dinitro-2-methylphenol	15.79	198	322	7.78	ng	# 42
67) 4-Bromophenyl-phenylether	16.17	248	37155	2.44	ng	# 1
69) Atrazine	17.08	200	111819	8.34	ng	# 37
70) Pentachlorophenol	17.08	266	555264	61.19	ng	99

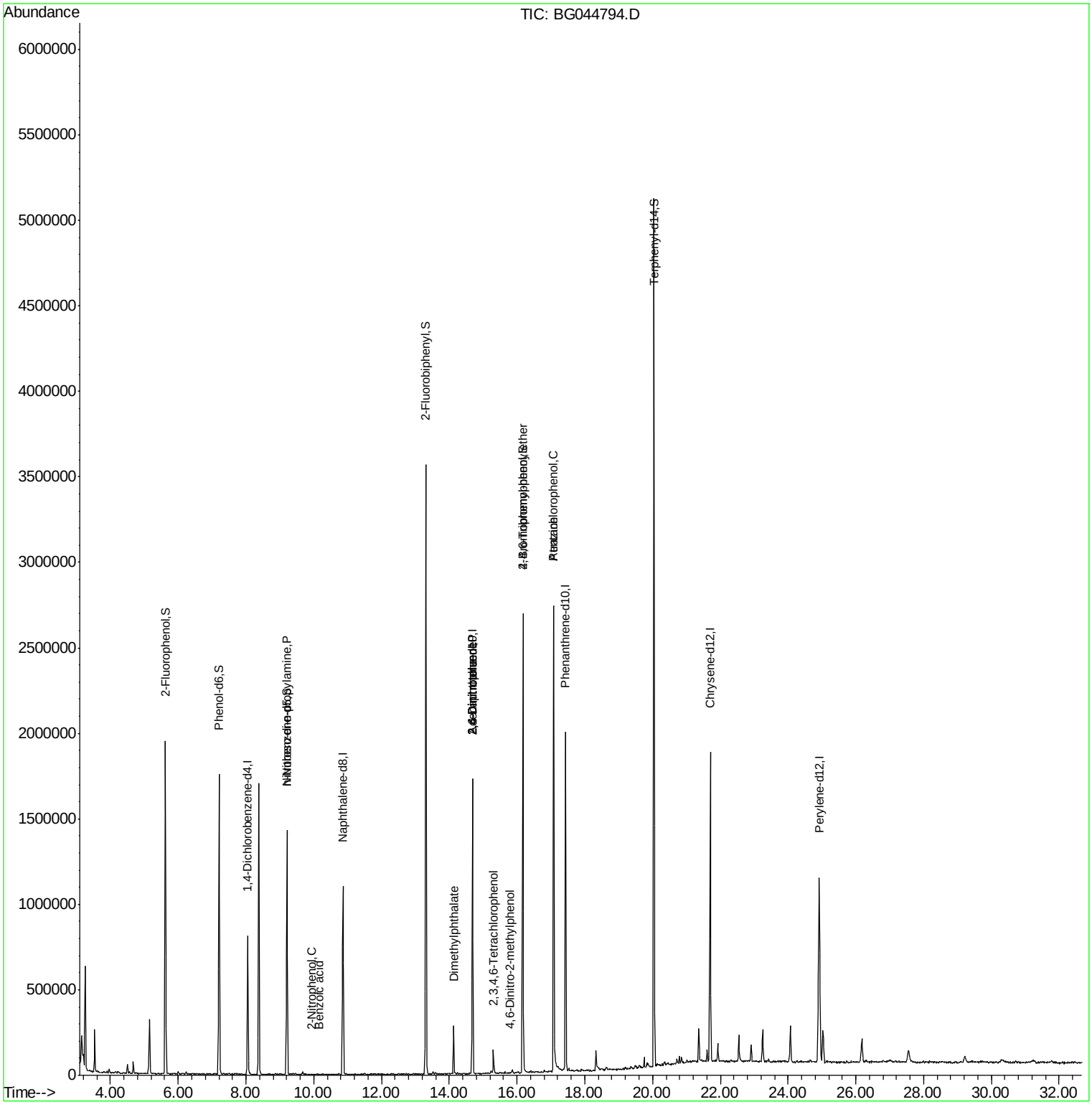
(#) = qualifier out of range (m) = manual integration (+) = signals summed

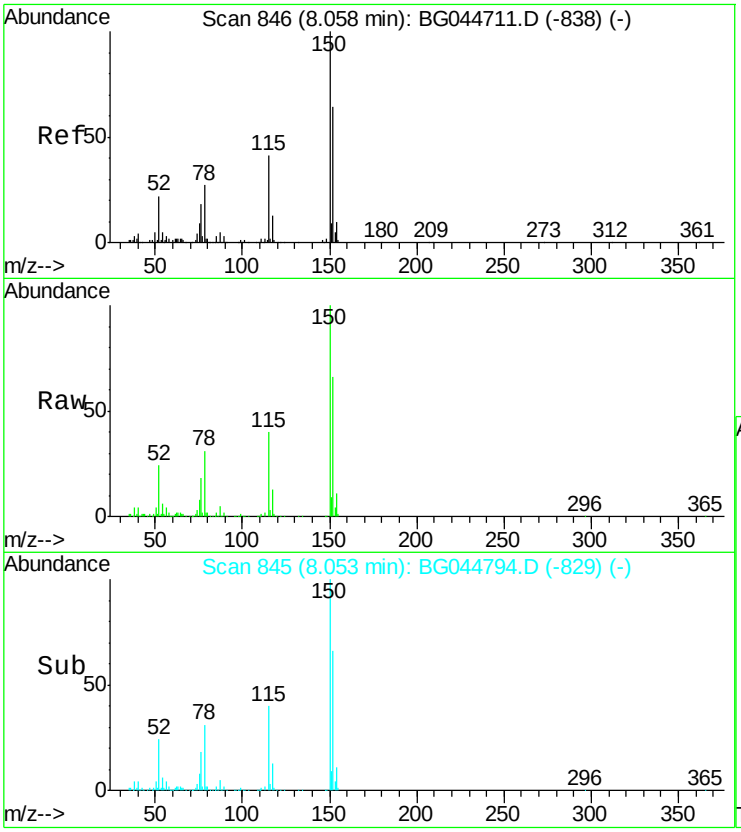
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044794.D
Acq On : 14 Mar 2020 11:47
Operator : CG/JU
Sample : L1826-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MC5B40

Quant Time: Mar 16 01:35:36 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



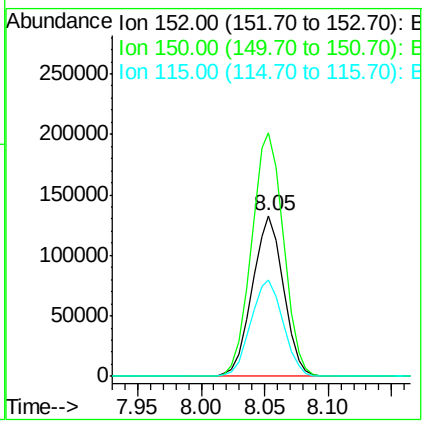


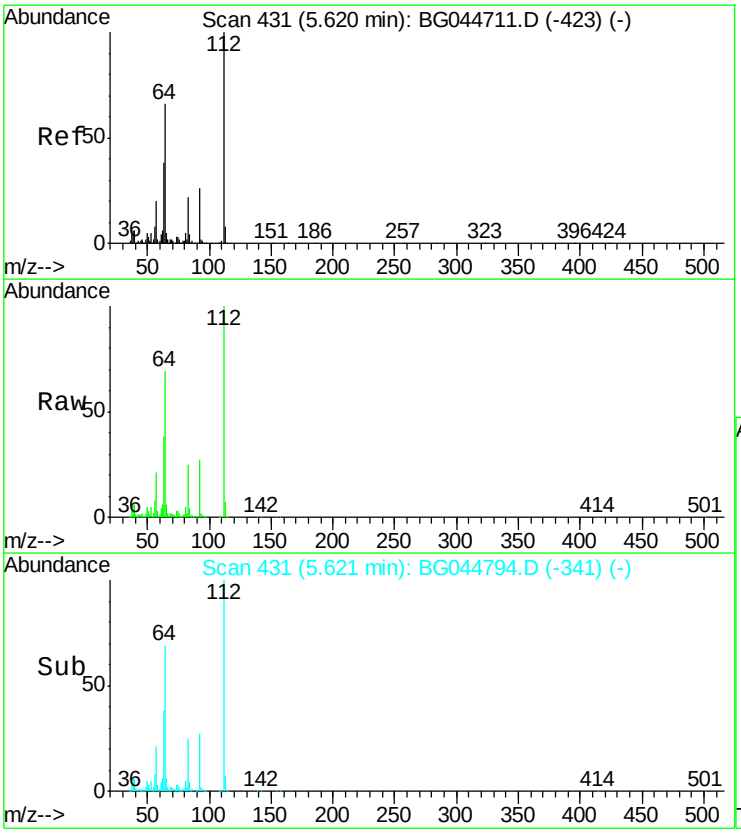
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tgt Ion:152 Resp: 227089

Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.3	187.9
115	60.0	51.7	77.5

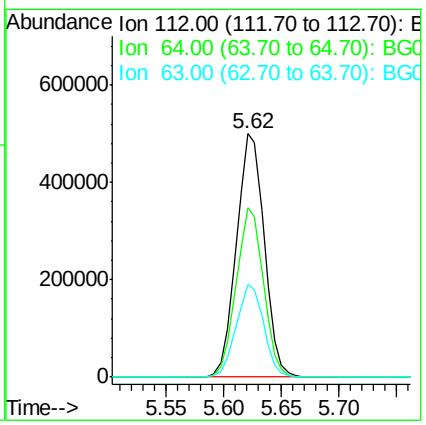


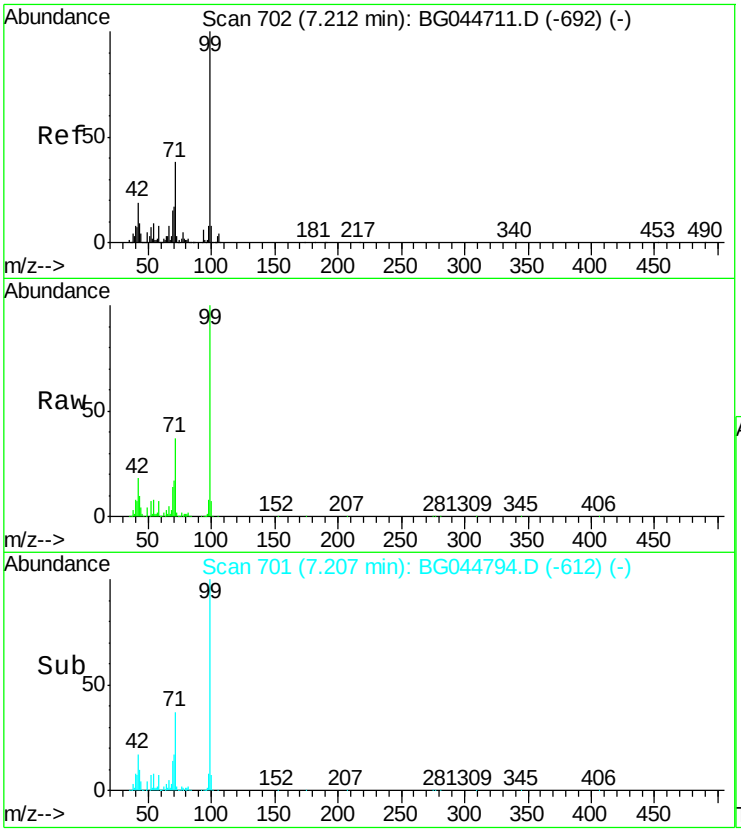


#5
2-Fluorophenol
Concen: 57.20 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion:112 Resp: 834411

Ion	Ratio	Lower	Upper
112	100		
64	69.4	52.6	78.8
63	38.0	30.2	45.4



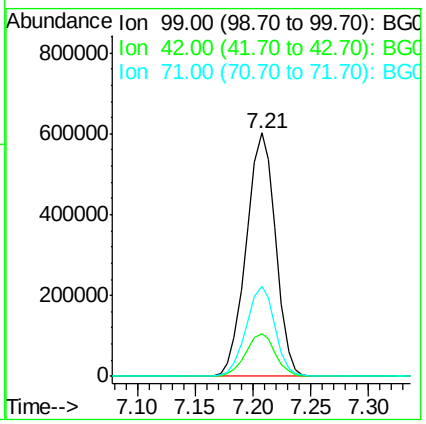


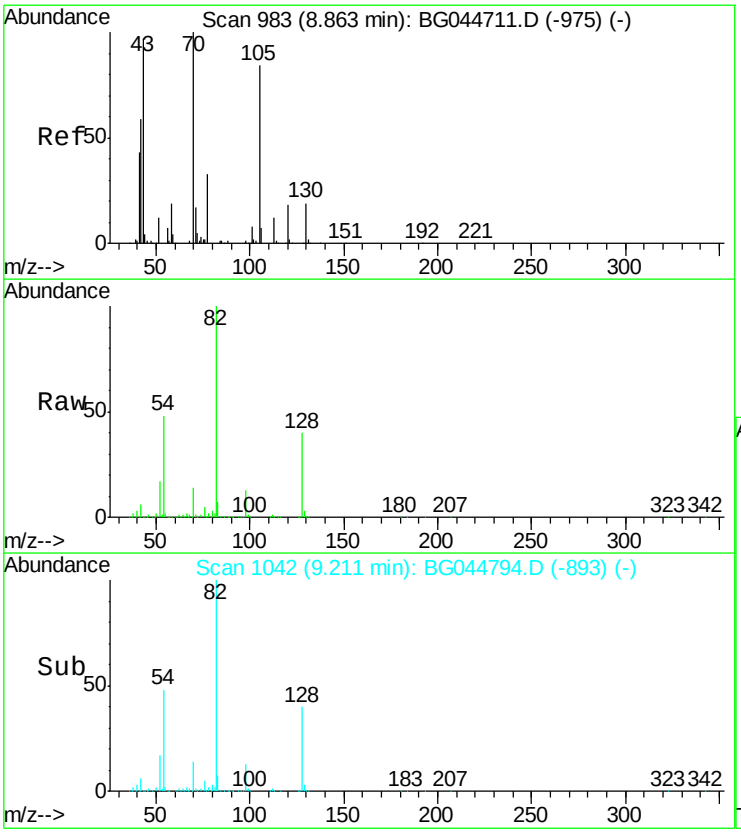
#7
Phenol-d6
Concen: 50.37 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tgt Ion: 99 Resp: 1067582

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.4	23.0
71	36.8	30.2	45.4

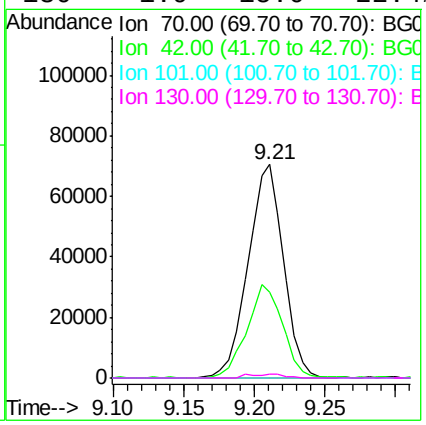


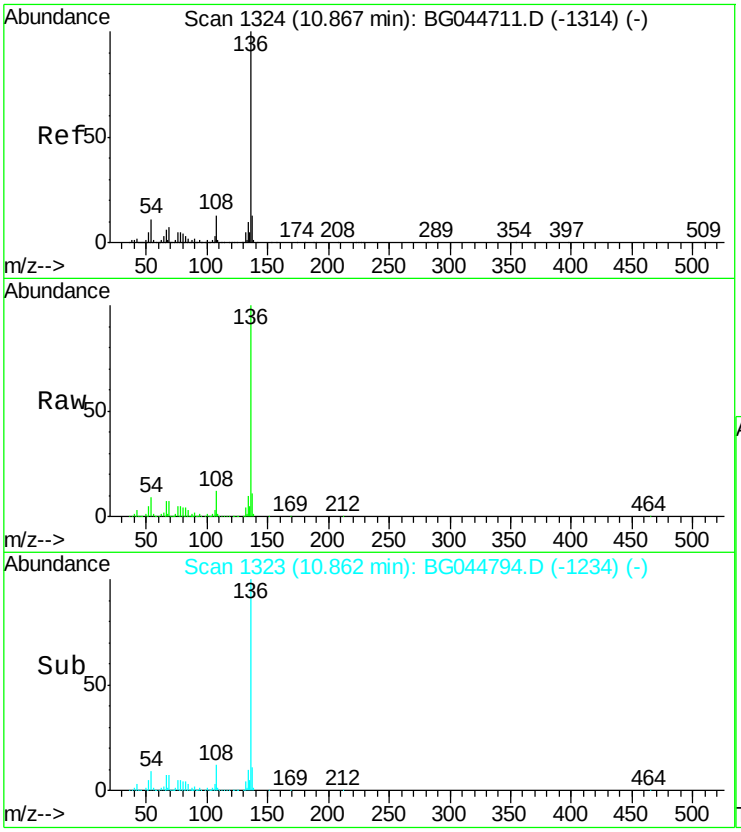


#19
n-Nitroso-di-n-propylamine
Concen: 8.28 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion: 70 Resp: 123916

Ion	Ratio	Lower	Upper
70	100		
42	40.4	47.6	71.4#
101	0.0	6.5	9.7#
130	1.9	15.0	22.4#



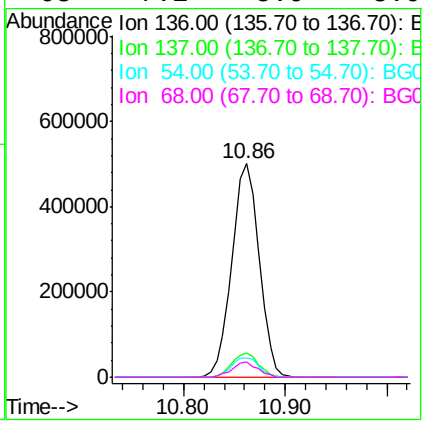


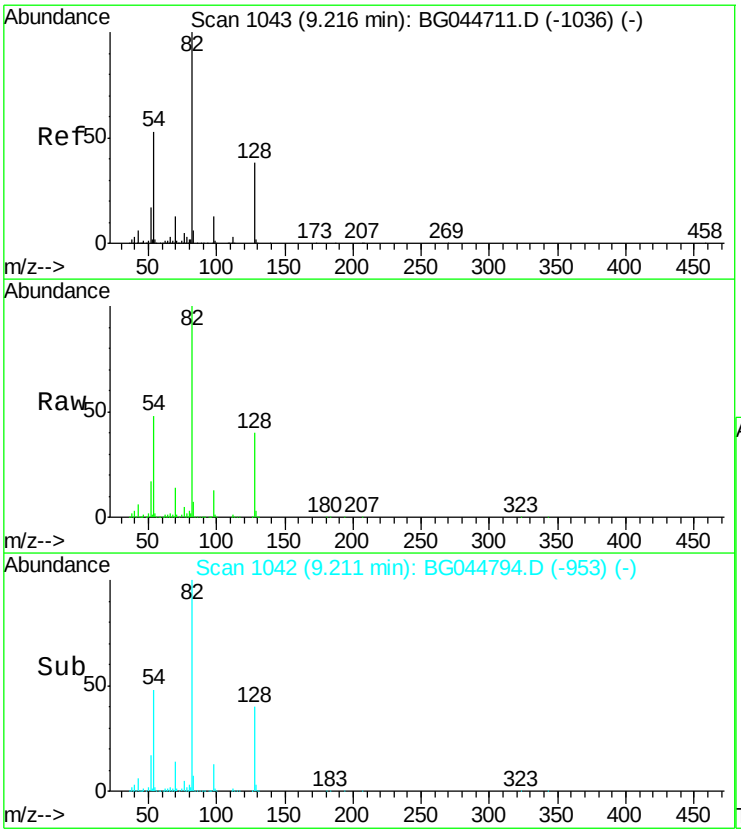
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tgt Ion:136 Resp: 935922

Ion	Ratio	Lower	Upper
136	100		
137	11.2	10.7	16.1
54	9.1	9.0	13.4
68	7.2	5.9	8.9

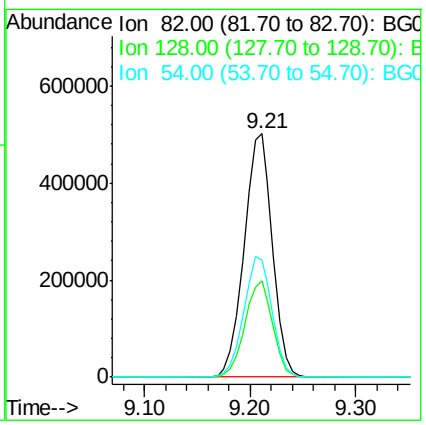


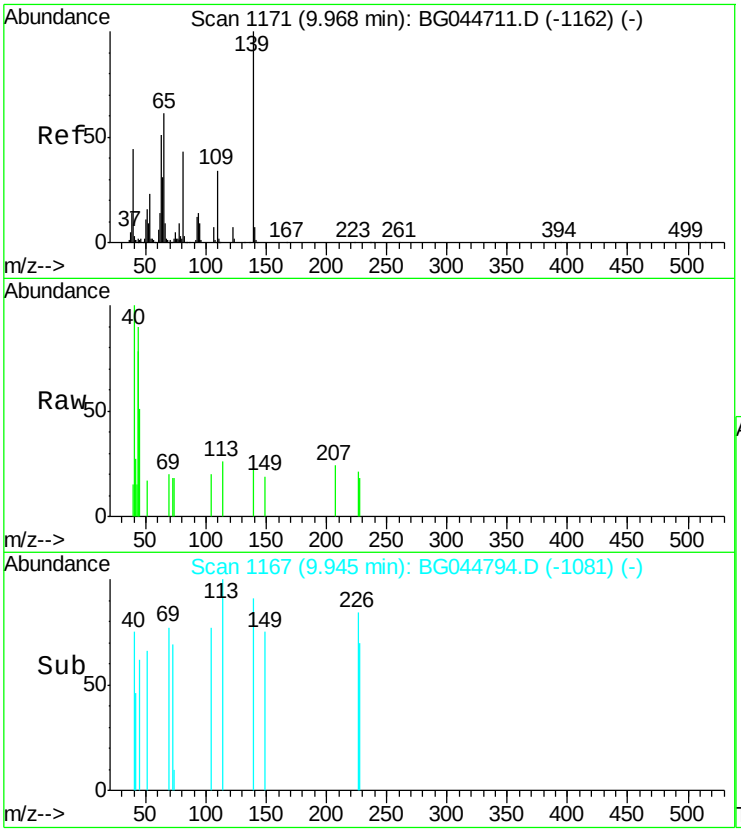


#23
Nitrobenzene-d5
Concen: 43.66 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion: 82 Resp: 931161

Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.2	45.2
54	48.0	41.8	62.8



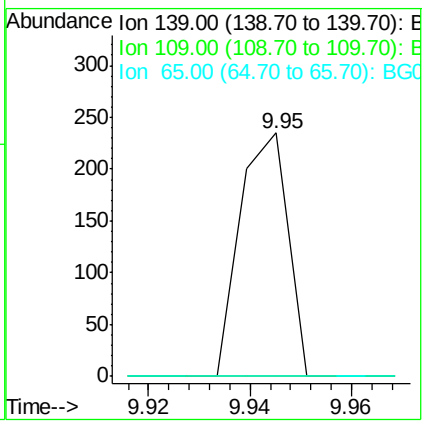


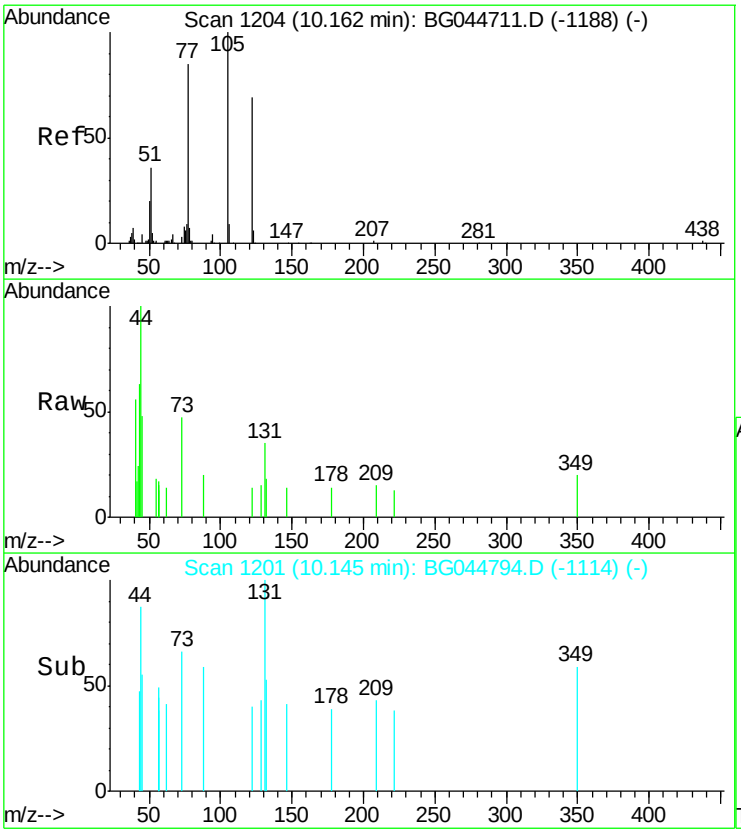
#26
2-Nitrophenol
Concen: 5.53 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tgt Ion:139 Resp: 154

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

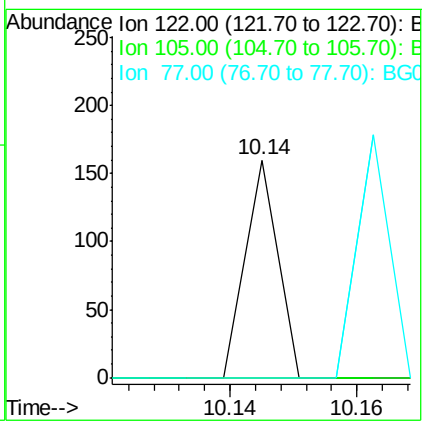


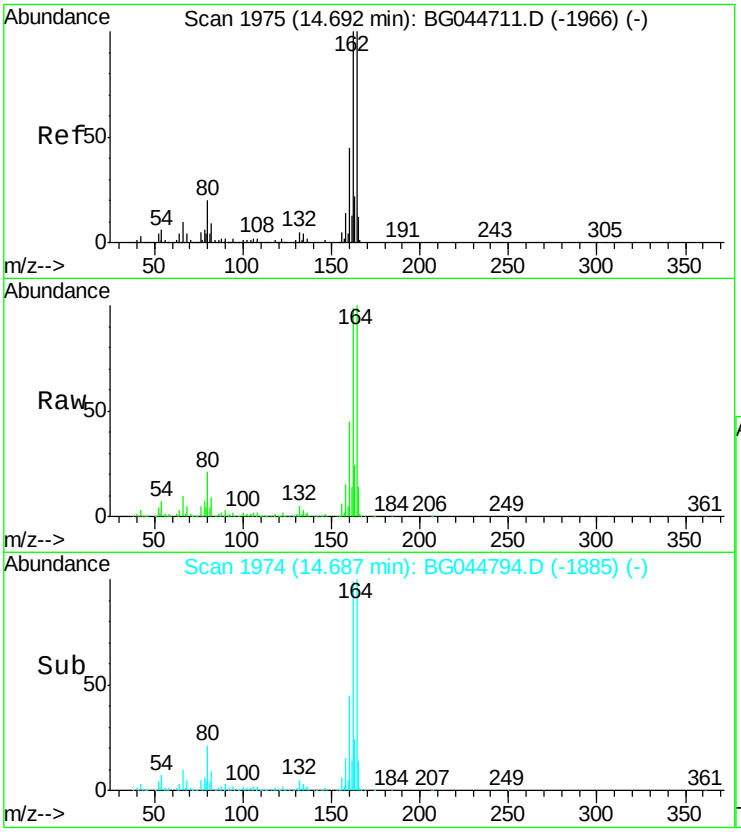


#32
Benzoic acid
Concen: 9.67 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion:122 Resp: 56

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



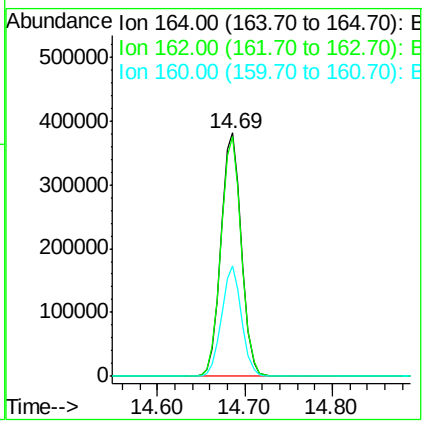


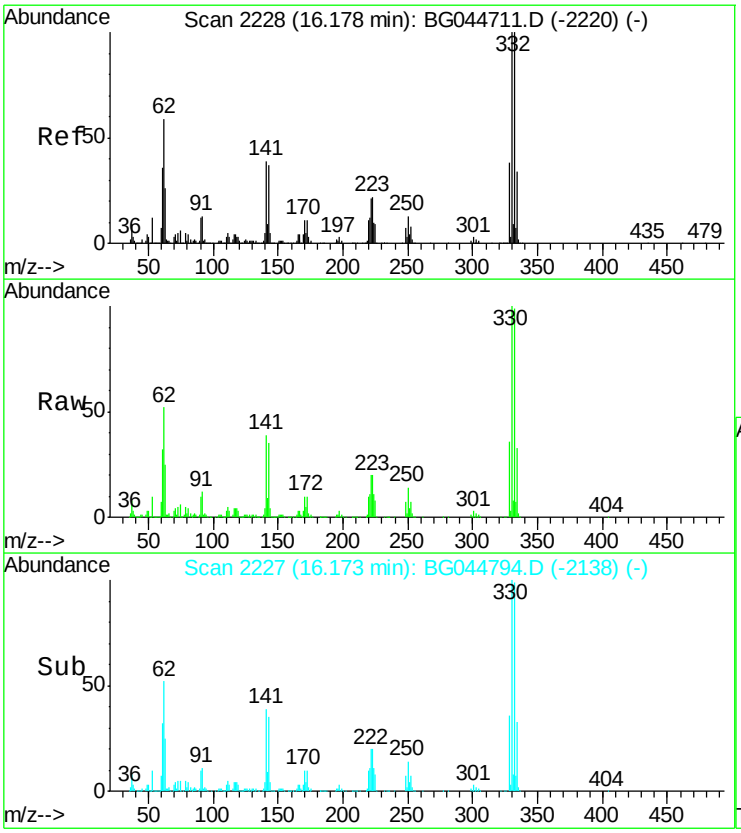
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tgt Ion:164 Resp: 613131

Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.2	120.4
160	45.4	36.2	54.2

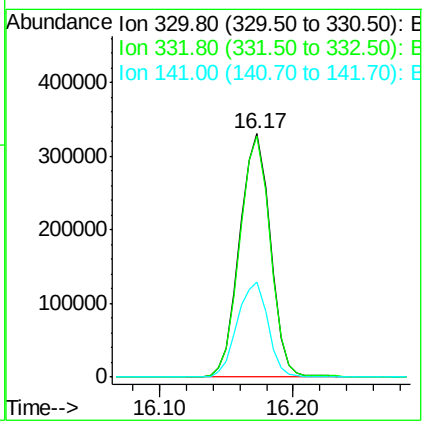


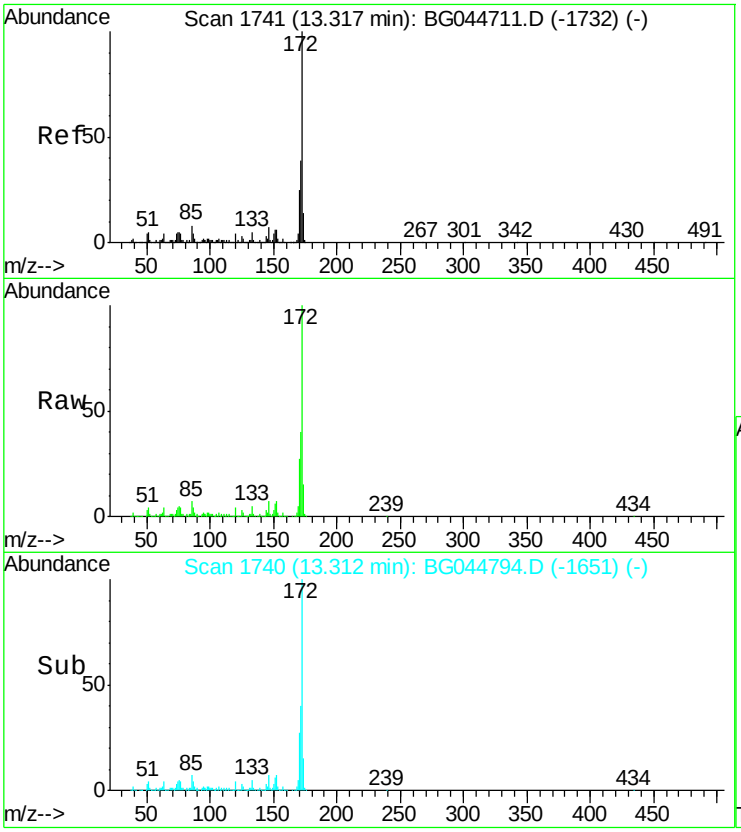


#42
2,4,6-Tribromophenol
Concen: 65.28 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion:330 Resp: 524101

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.5	116.3
141	39.2	31.7	47.5



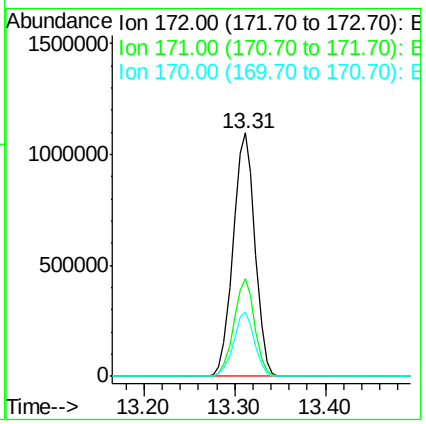


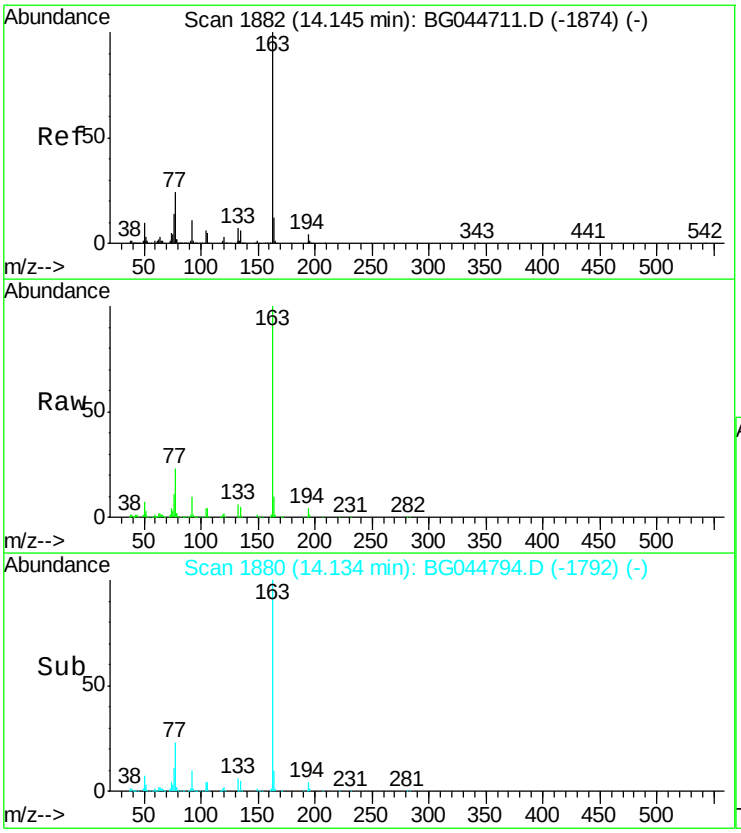
#45
2-Fluorobiphenyl
Concen: 43.00 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tgt Ion:172 Resp: 1841035

Ion	Ratio	Lower	Upper
172	100		
171	40.3	30.8	46.2
170	26.6	20.0	30.0

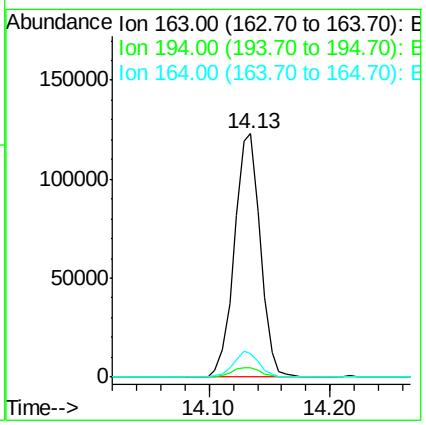


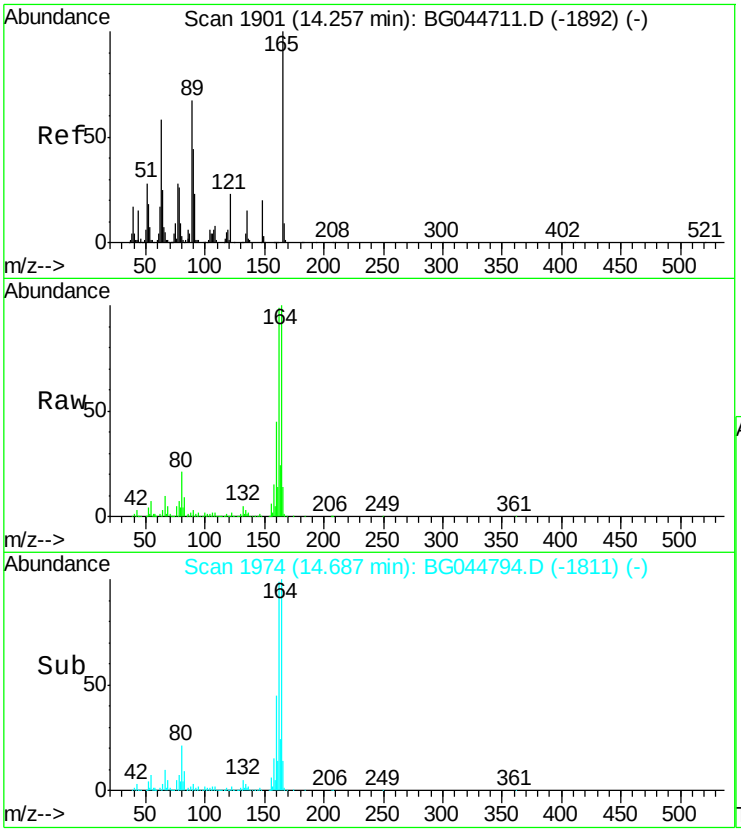


#50
Dimethylphthalate
Concen: 3.76 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion:163 Resp: 183796

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.6	9.2	13.8



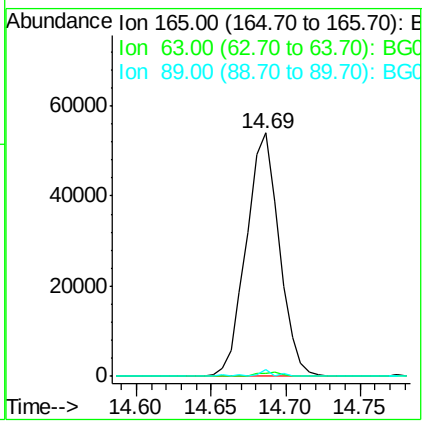


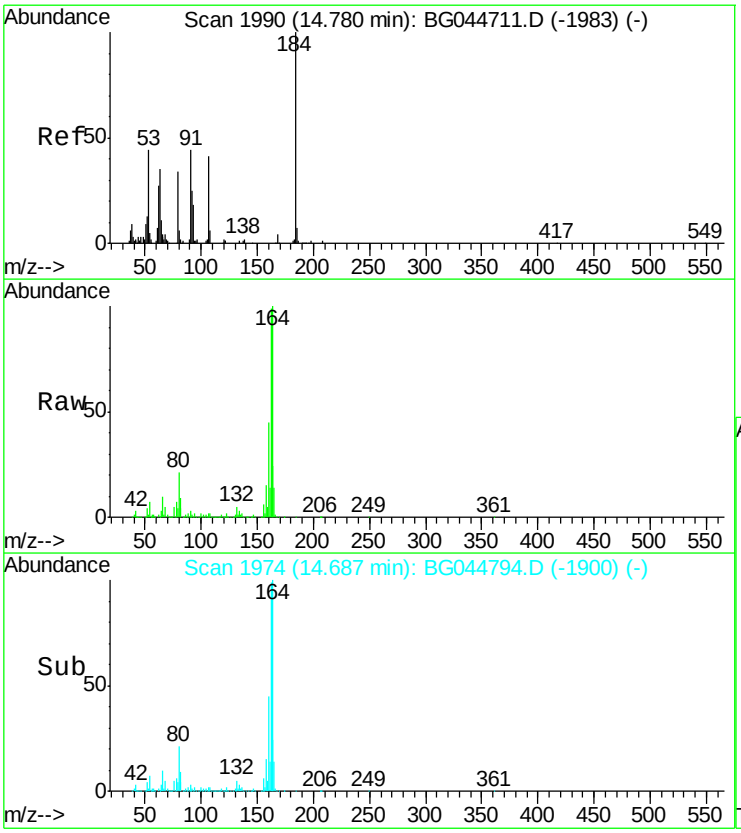
#51
2,6-Dinitrotoluene
Concen: 8.36 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.43 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tgt Ion:165 Resp: 82288

Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	2.6	53.8	80.8#

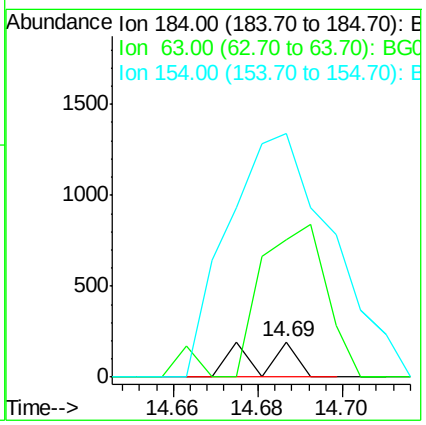


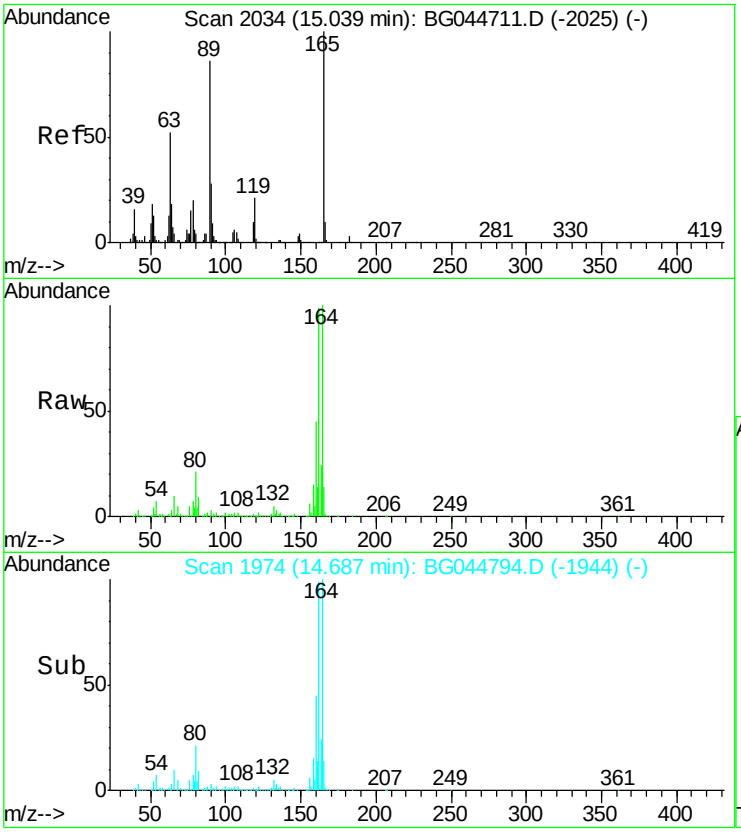


#54
2,4-Dinitrophenol
Concen: 8.35 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.09 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion:184 Resp: 135

Ion	Ratio	Lower	Upper
184	100		
63	390.2	49.0	73.6#
154	690.2	94.5	141.7#



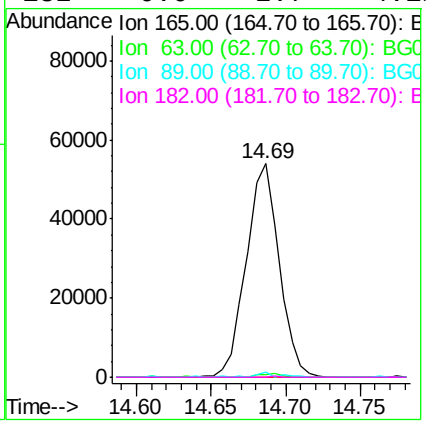


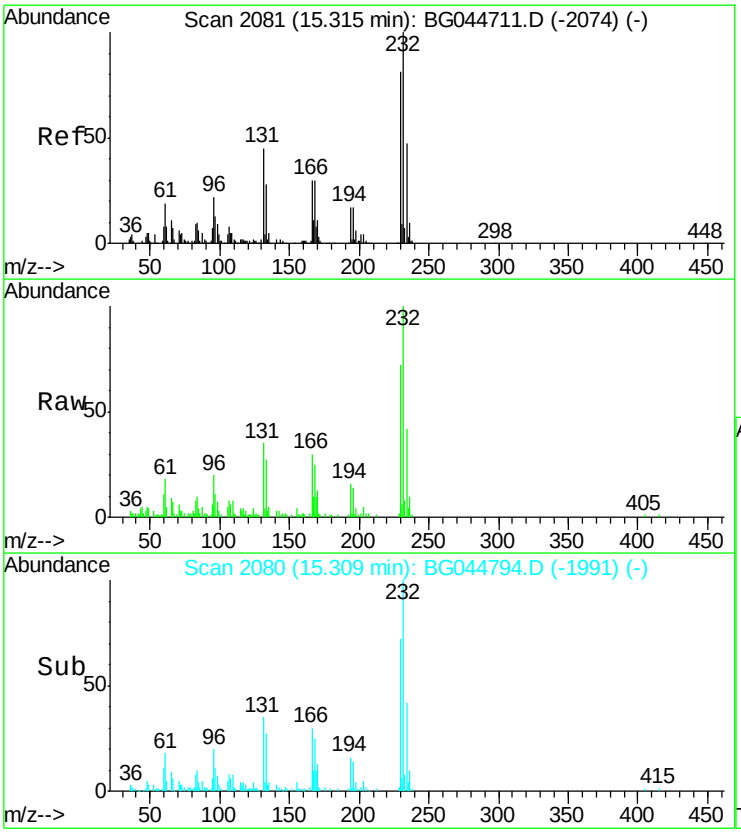
#57
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.35 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tgt Ion:165 Resp: 82288

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.5	62.3#
89	2.6	69.0	103.4#
182	0.0	2.7	4.1#

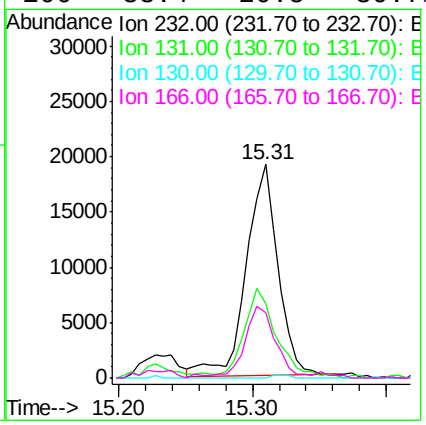


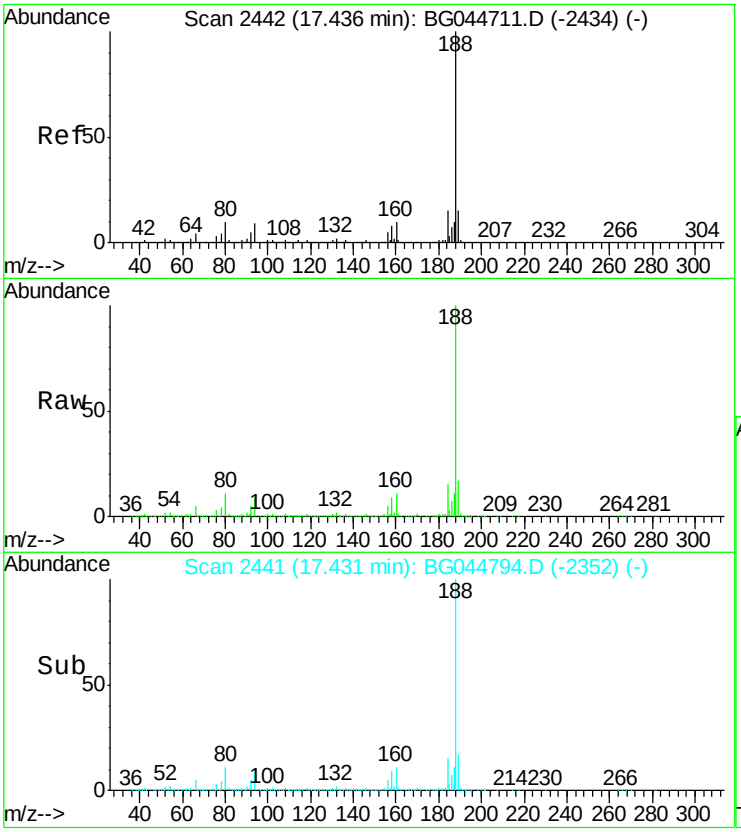


#59
2,3,4,6-Tetrachlorophenol
Concen: 2.44 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion:232 Resp: 31253

Ion	Ratio	Lower	Upper
232	100		
131	43.2	32.4	48.6
130	0.8	2.0	3.0#
166	33.4	20.5	30.7#



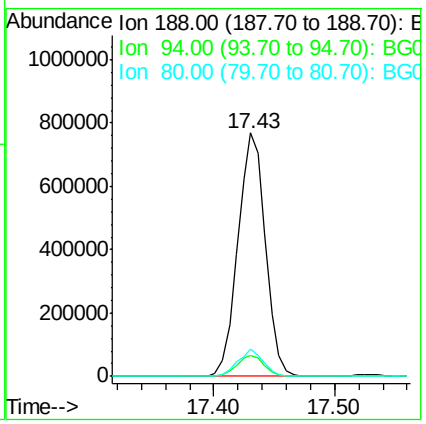


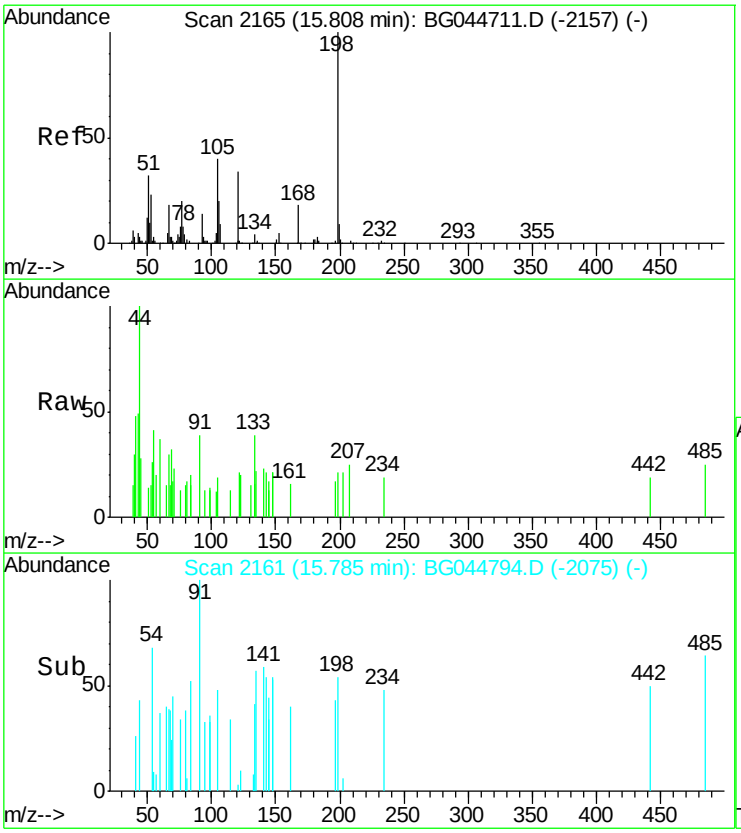
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tgt Ion:188 Resp: 1216099

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	11.0	8.4	12.6

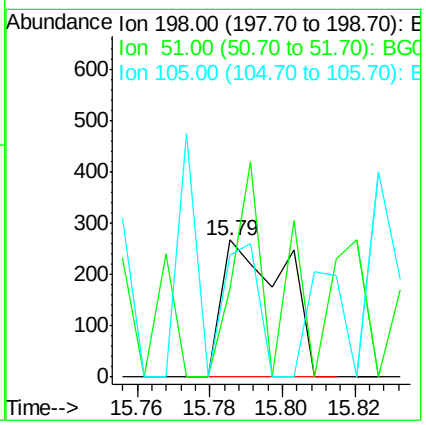


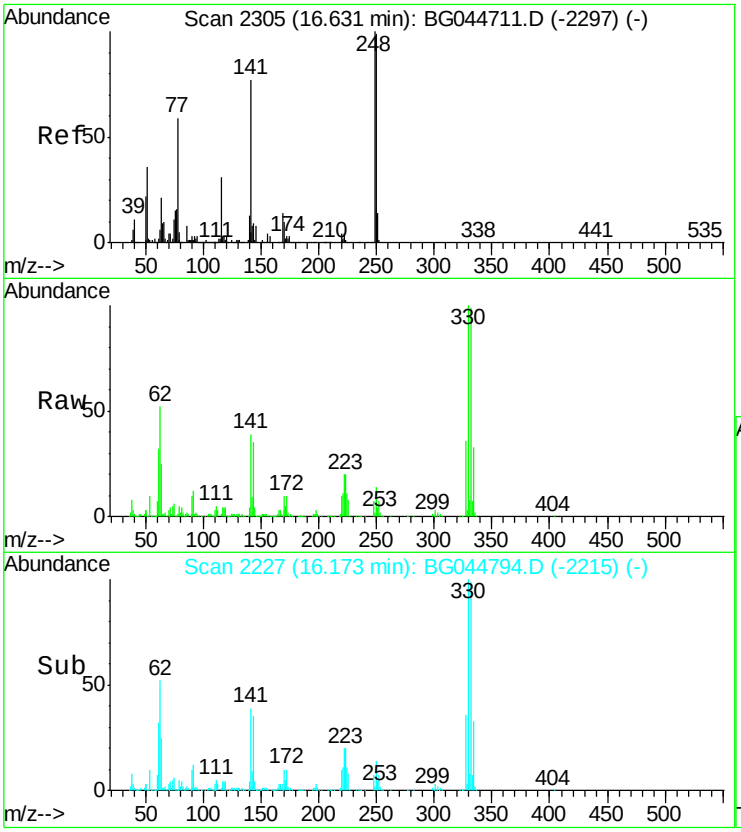


#65
4,6-Dinitro-2-methylphenol
Concen: 7.78 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion:198 Resp: 322

Ion	Ratio	Lower	Upper
198	100		
51	64.6	20.1	60.1#
105	88.8	21.3	61.3#



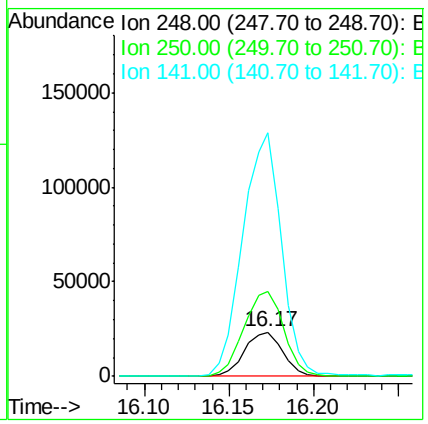


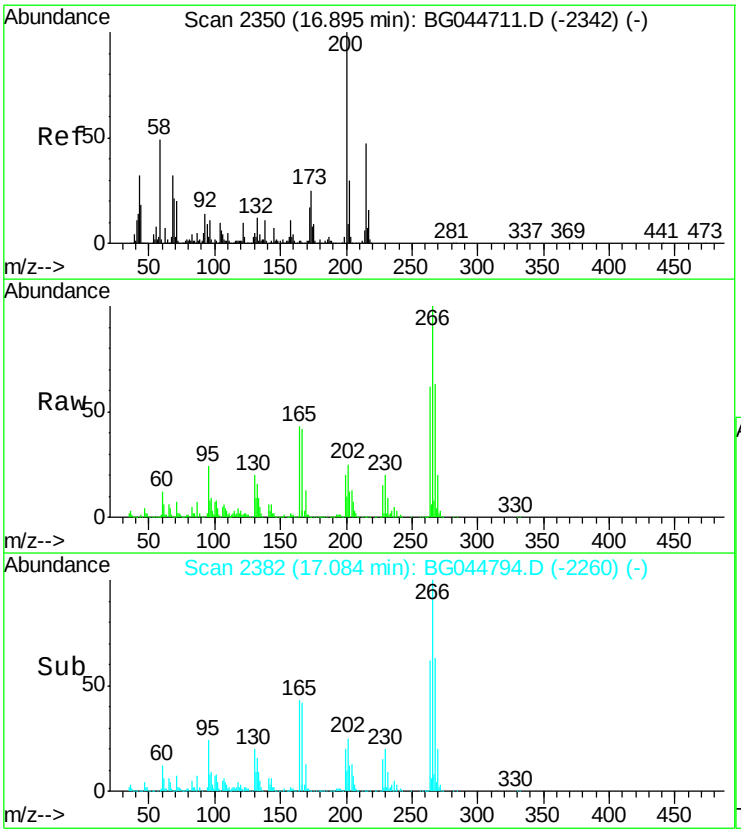
#67
4-Bromophenyl-phenylether
Concen: 2.44 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tgt Ion:248 Resp: 37155

Ion	Ratio	Lower	Upper
248	100		
250	190.4	79.4	119.0#
141	547.8	61.7	92.5#

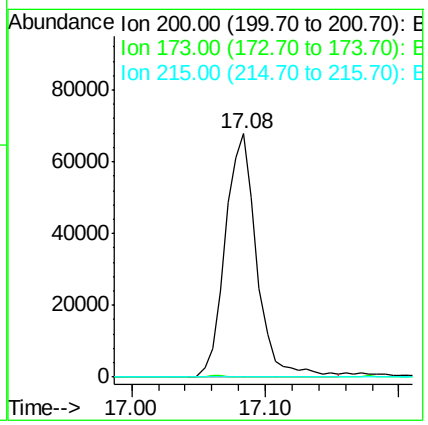


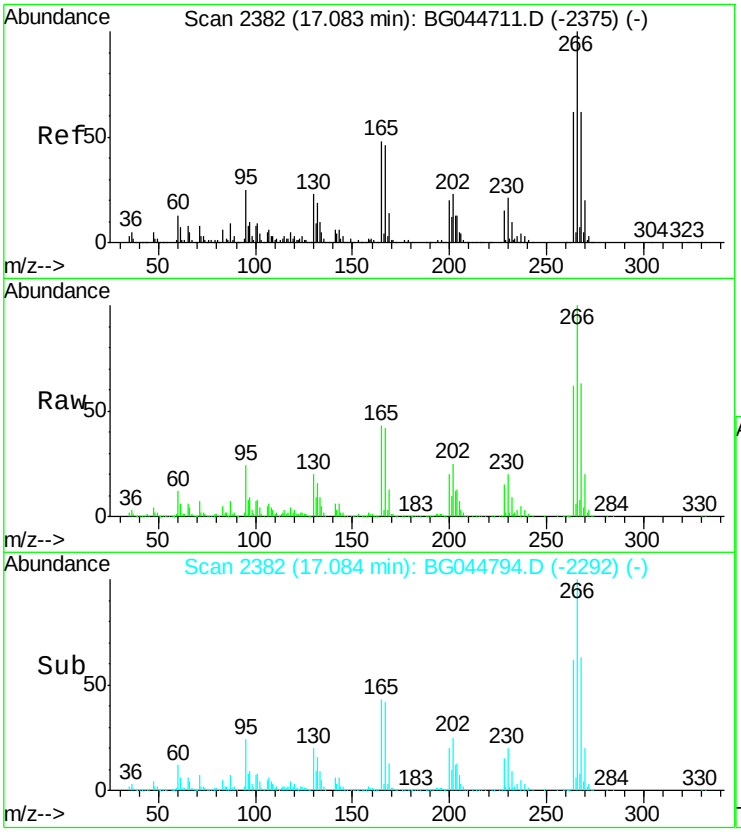


#69
Atrazine
Concen: 8.34 ng
RT: 17.08 min Scan# 2382
Delta R.T. 0.19 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion:200 Resp: 111819

Ion	Ratio	Lower	Upper
200	100		
173	0.3	4.8	44.8#
215	0.3	27.4	67.4#



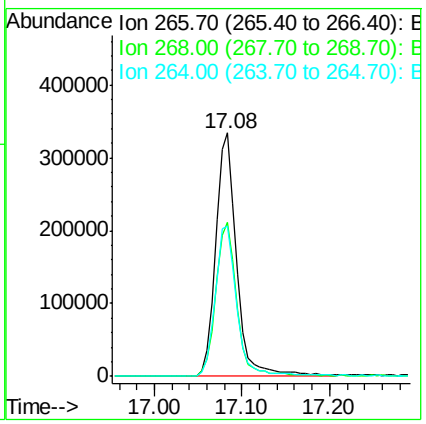


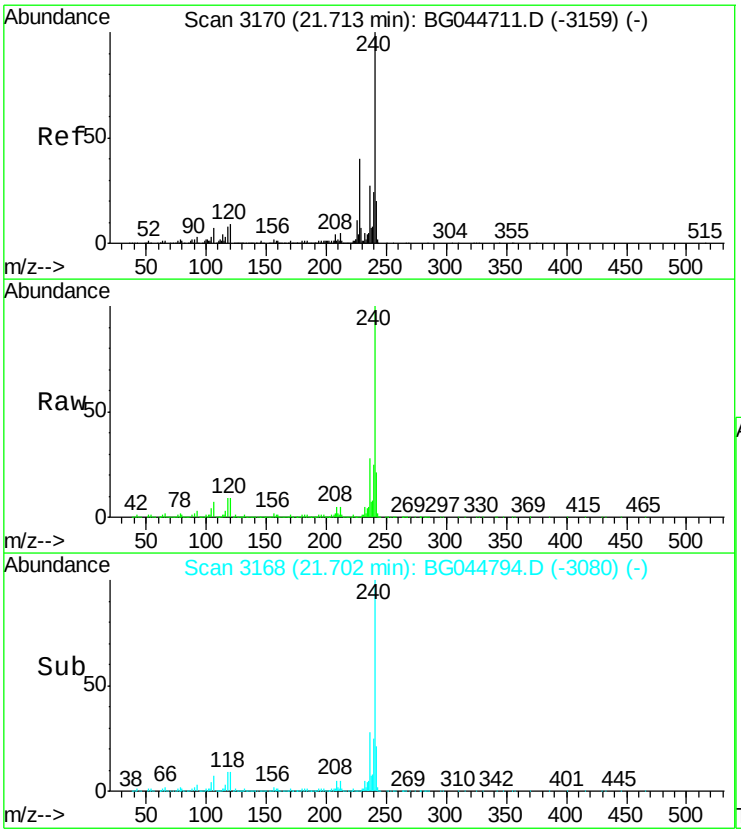
#70
Pentachlorophenol
Concen: 61.19 ng
RT: 17.08 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tgt Ion:266 Resp: 555264

Ion	Ratio	Lower	Upper
266	100		
268	63.1	49.9	74.9
264	61.7	49.9	74.9

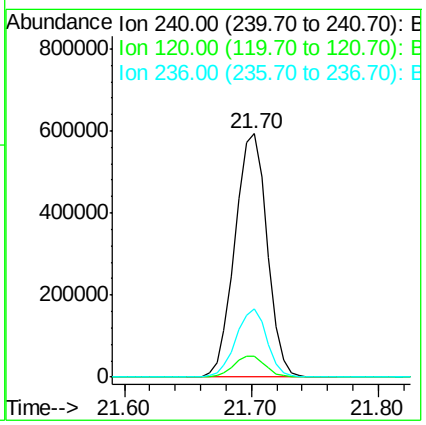


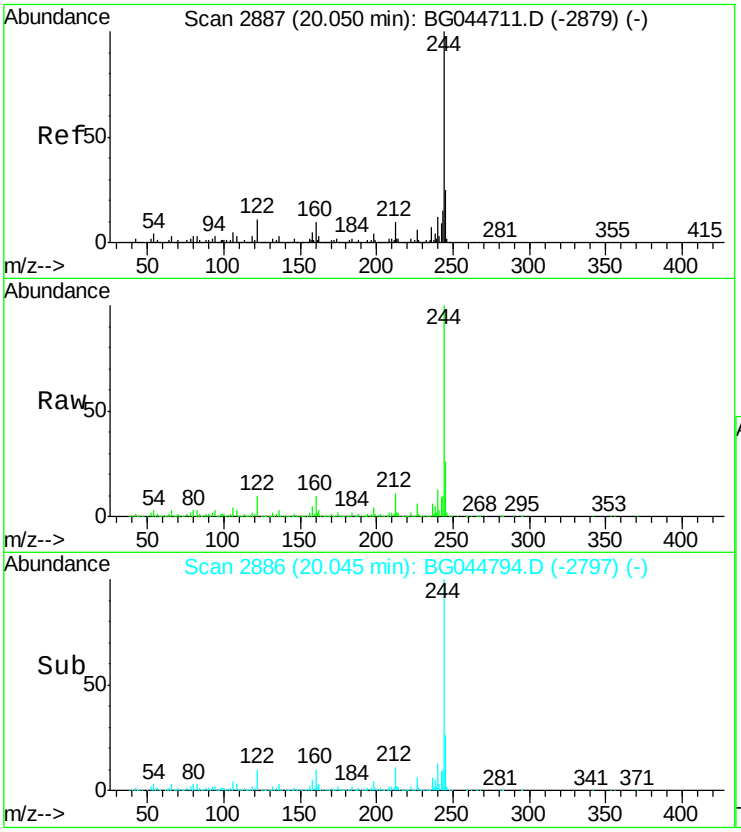


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion:240 Resp: 1045179

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.9	10.3
236	28.1	21.9	32.9



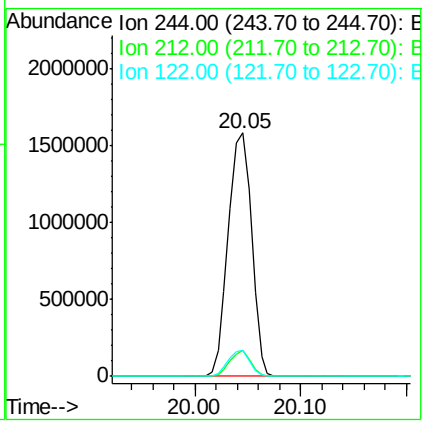


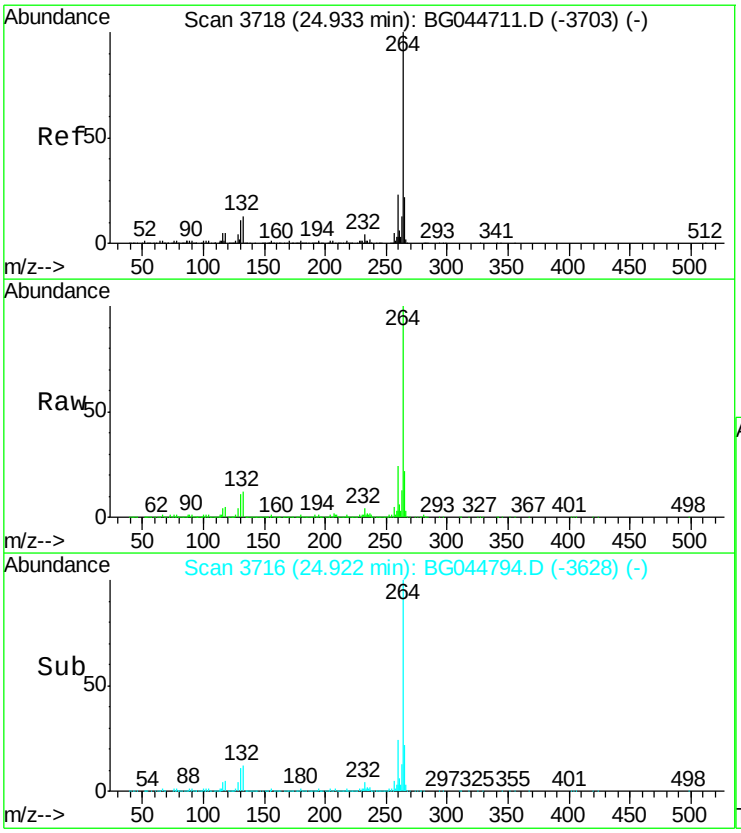
#79
Terphenyl-d14
Concen: 43.36 ng
RT: 20.05 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Instrument :
BNA_G
ClientSampleId :
MC5B40

Tgt Ion:244 Resp: 2423000

Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.4	12.6
122	10.5	8.7	13.1





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG044794.D
Acq: 14 Mar 2020 11:47

Tgt Ion:264 Resp: 1189125

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.8	17.4	26.2