Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG043006.D
Acq On : 3 Oct 2019 5:21
Operator : JU
Sample : K5131-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190833-COMPOSITE-I

Quant Time: Oct 03 06:04:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	70981	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	253452	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	182588	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	423182	20.00	ng	0.00
76) Chrysene-d12	21.70	240	455343	20.00	ng	-0.02
87) Perylene-d12	24.92	264	521016	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	457787	115.10	ng	0.00
7) Phenol-d6	7.24	99	597314	104.29	ng	0.00
23) Nitrobenzene-d5	9.23	82	479610	91.98	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	442880	141.06	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1150497	91.35	ng	-0.01
79) Terphenyl-d14	20.04	244	2023178	94.68	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	69284	18.422	ng	# 71
27) 2,4-Dimethylphenol	10.12	122	10841	3.334	ng	# 1
32) Benzoic acid	10.12	122	10841	7.414	ng	# 81
50) Dimethylphthalate	14.13	163	33122	2.421	ng	# 97
51) 2,6-Dinitrotoluene	14.69	165	23539	8.080	ng	# 22
57) 2,4-Dinitrotoluene	14.69	165	23539	5.517	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	29408	5.537	ng	# 1
77) Benzidine	20.04	184	33409	2.930	ng	95

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

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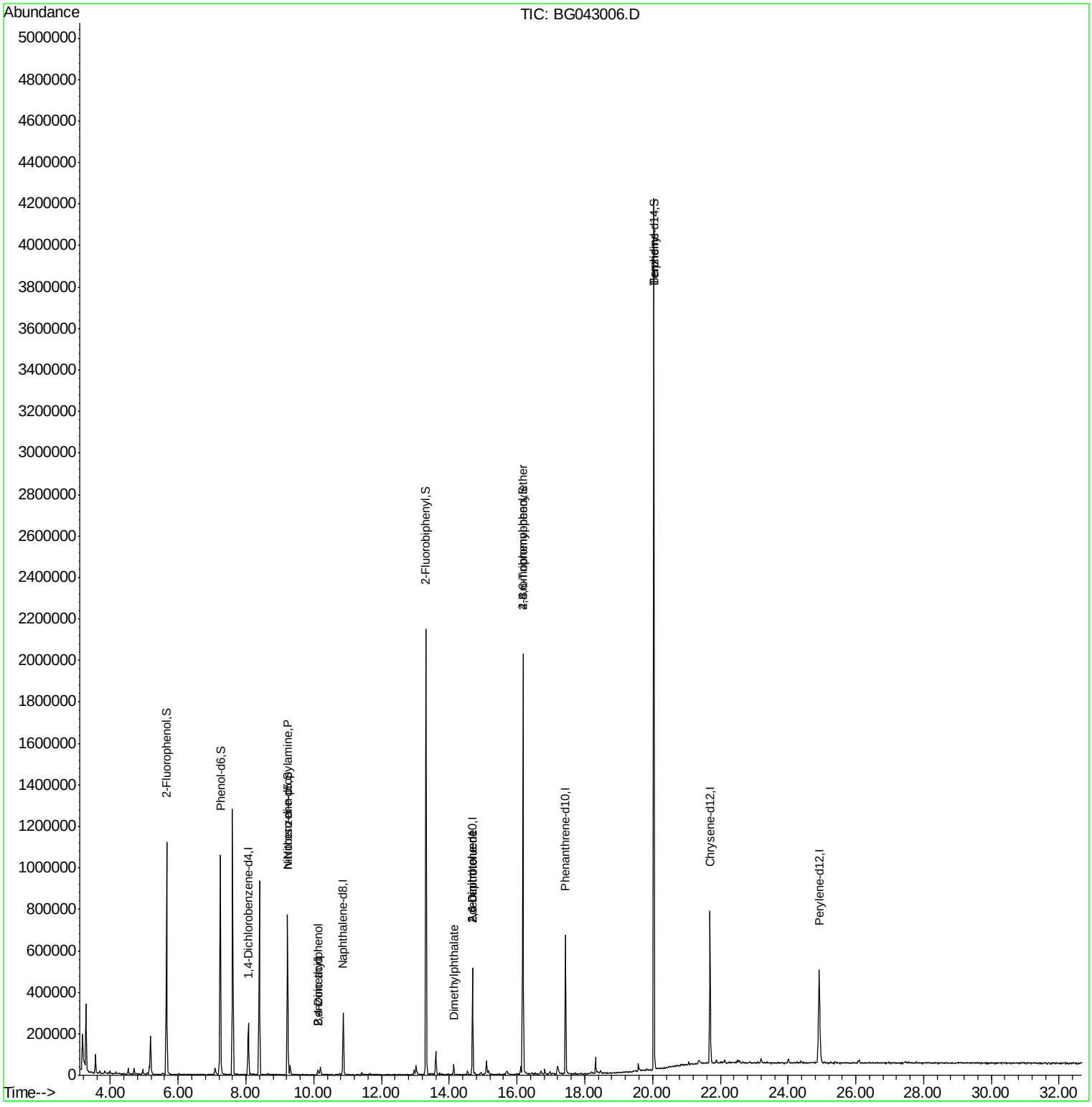
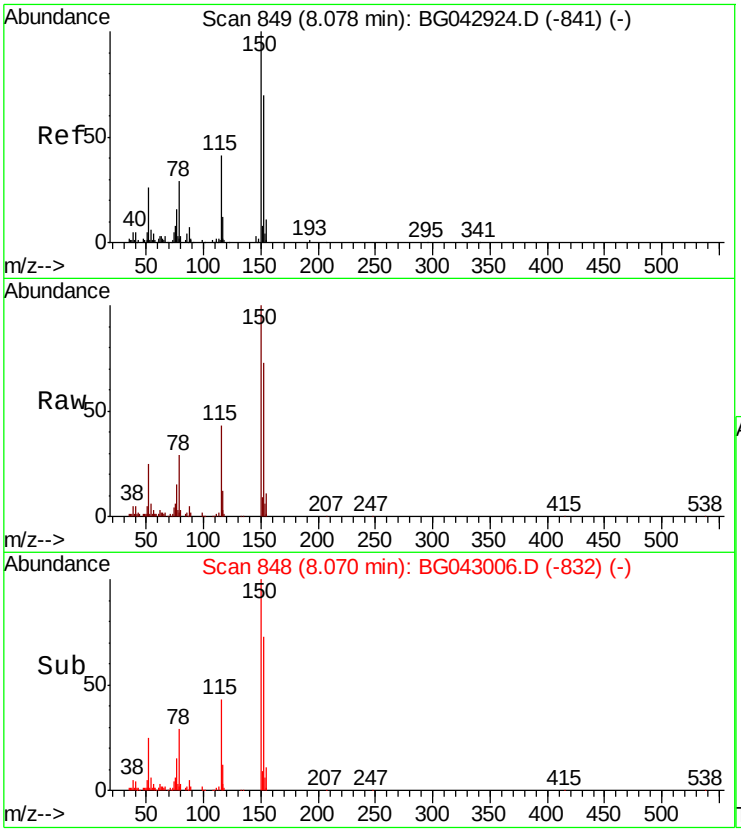


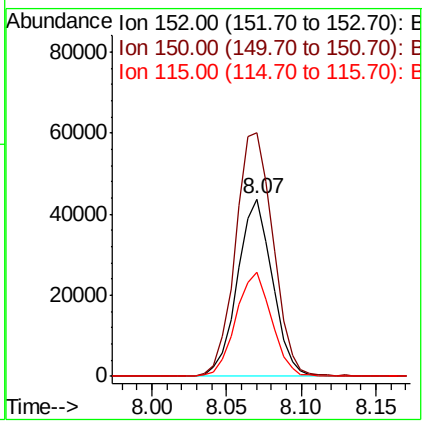


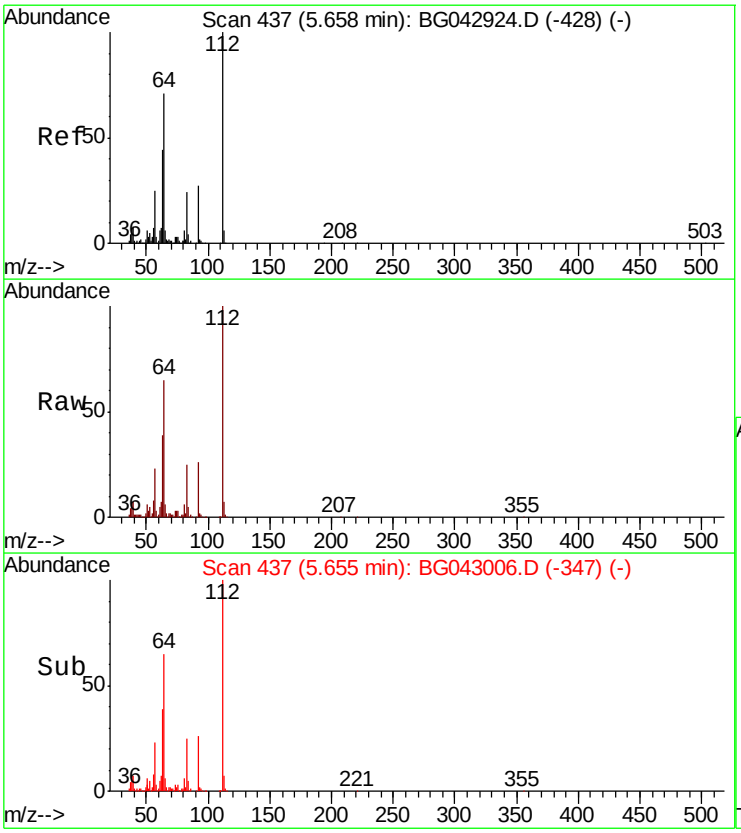
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Instrument :
BNA_G
ClientSampleId :
20190833-COMPOSITE-I

Tgt Ion:152 Resp: 70981

Ion	Ratio	Lower	Upper
152	100		
150	137.4	115.0	172.4
115	58.9	47.0	70.6

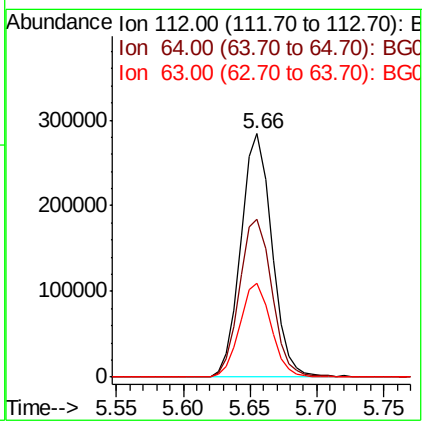


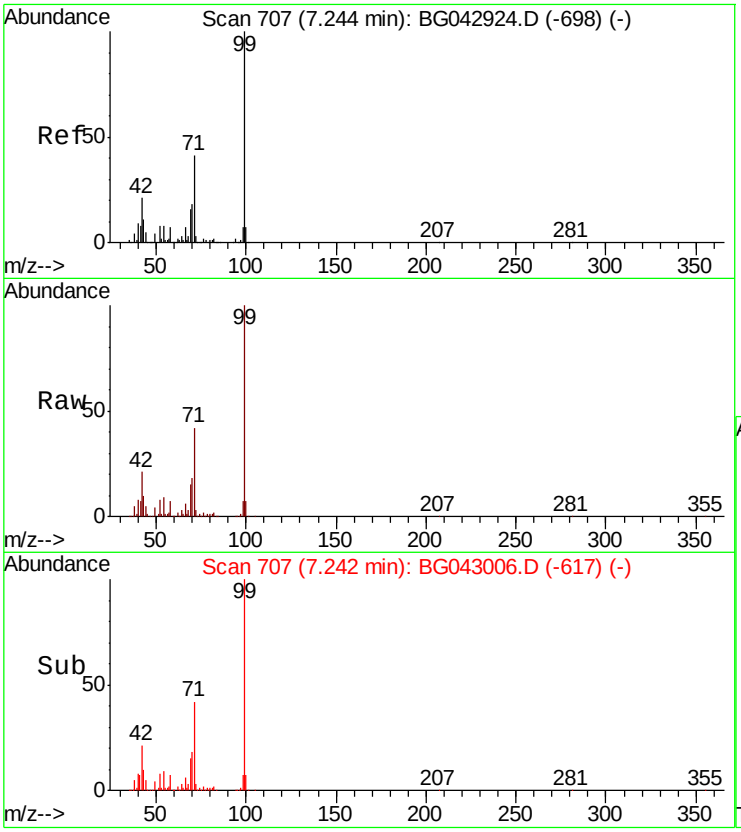


#5
2-Fluorophenol
Concen: 115.098 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Tgt Ion:112 Resp: 457787

Ion	Ratio	Lower	Upper
112	100		
64	65.0	56.6	84.8
63	38.7	35.1	52.7



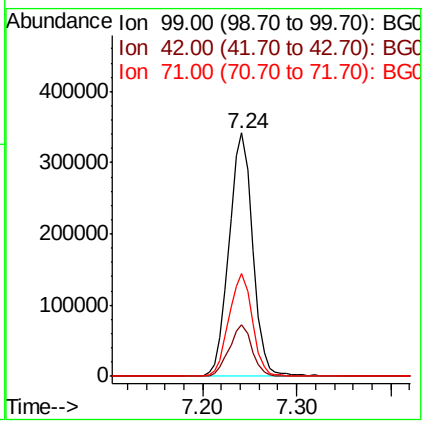


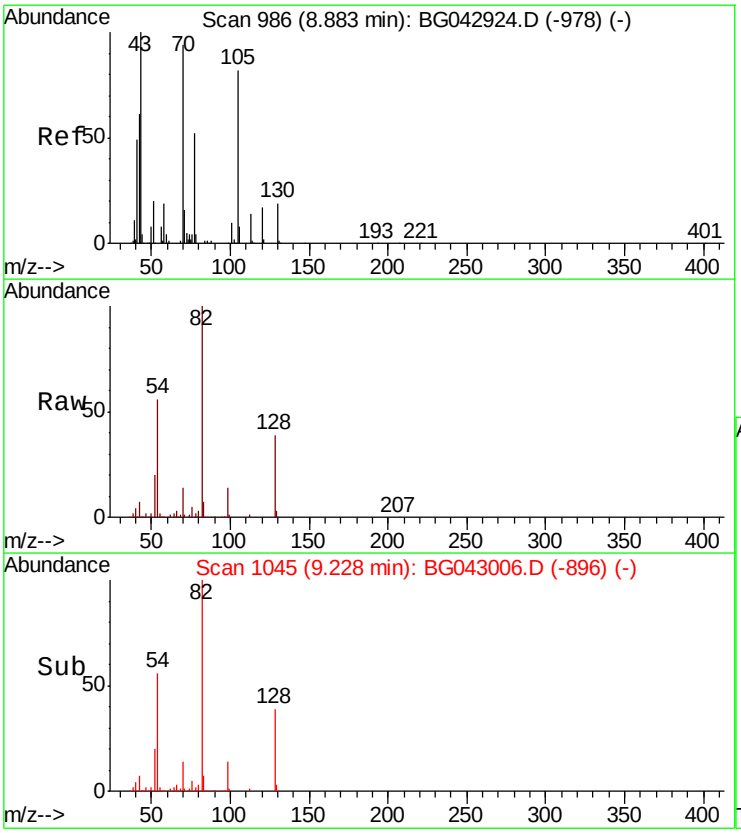
#7
Phenol-d6
Concen: 104.286 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Instrument :
BNA_G
ClientSampleId :
20190833-COMPOSITE-I

Tgt Ion: 99 Resp: 597314

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.2	25.8
71	42.0	33.1	49.7

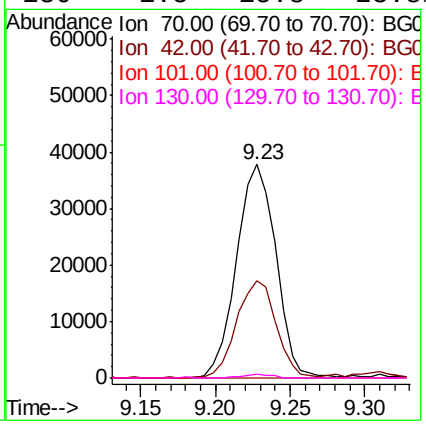


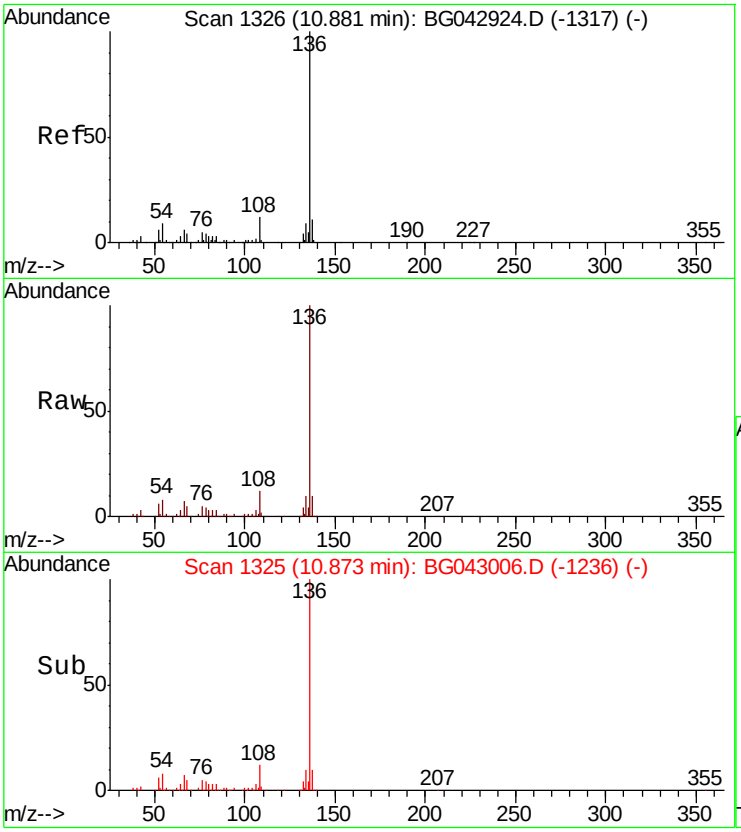


#19
n-Nitroso-di-n-propylamine
Concen: 18.422 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.34 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Tgt Ion: 70 Resp: 69284

Ion	Ratio	Lower	Upper
70	100		
42	45.3	52.6	79.0#
101	0.0	8.7	13.1#
130	1.5	15.8	23.8#



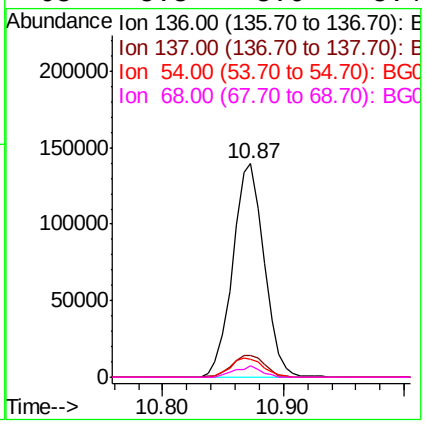


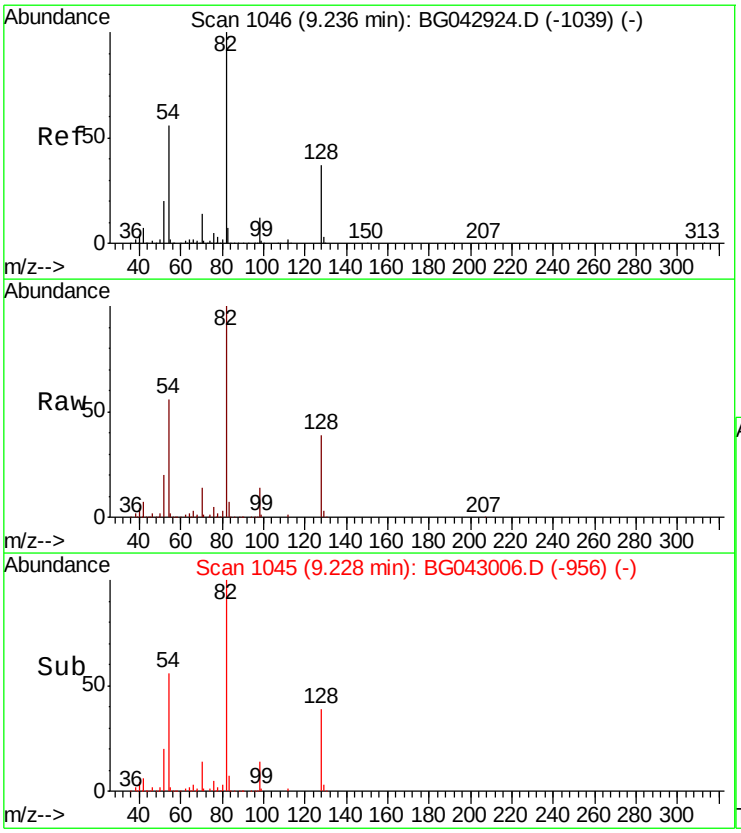
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Instrument :
BNA_G
ClientSampleId :
20190833-COMPOSITE-I

Tgt Ion:136 Resp: 253452

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	8.3	7.4	11.2
68	5.3	3.6	5.4

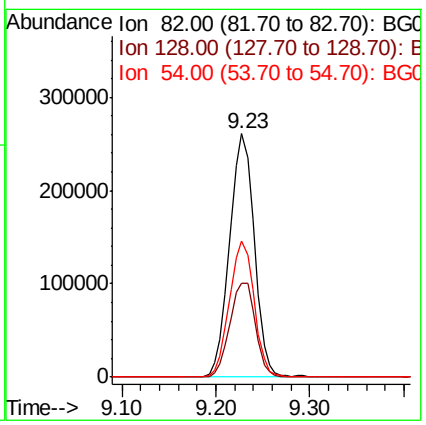


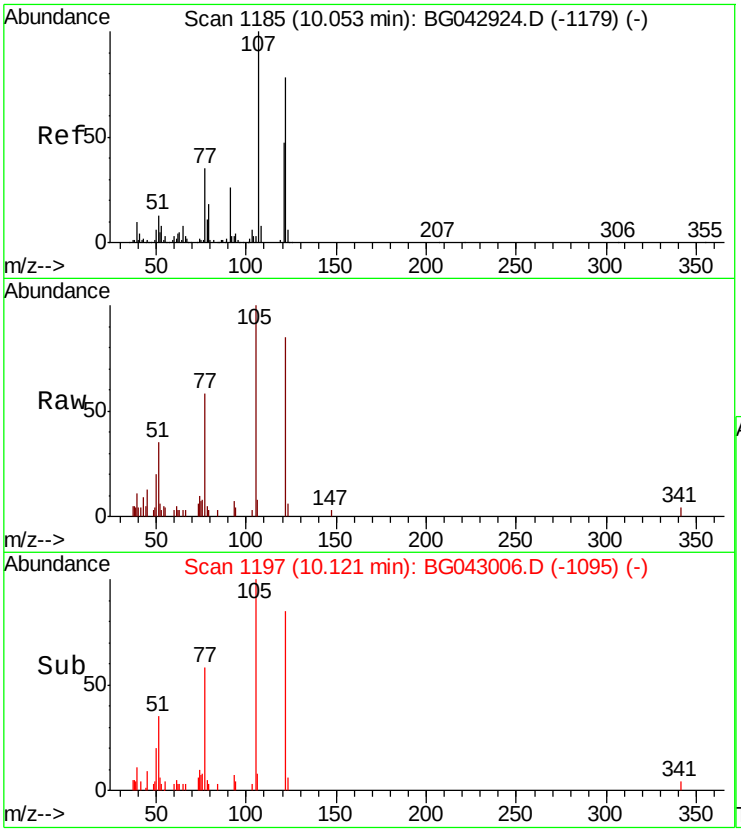


#23
Nitrobenzene-d5
Concen: 91.976 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Tgt Ion: 82 Resp: 479610

Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.5	44.3
54	55.7	44.6	67.0



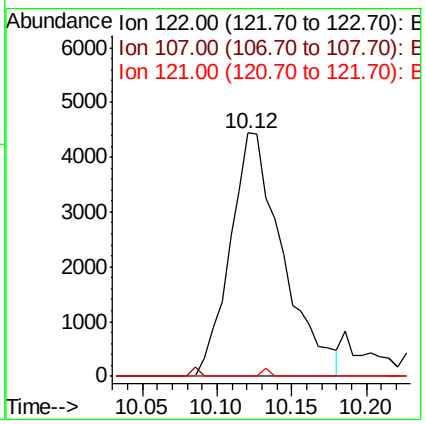


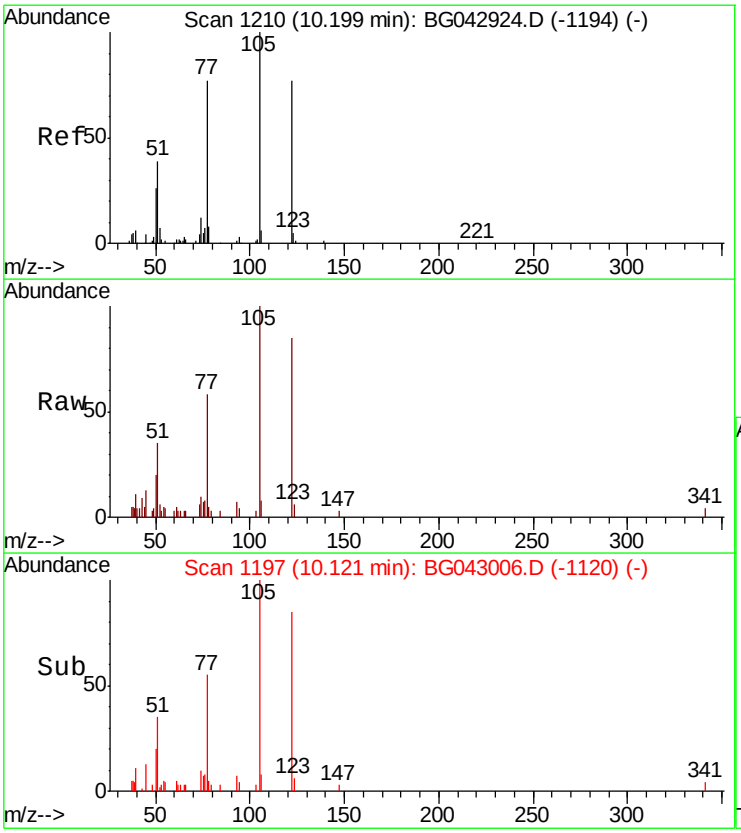
#27
2,4-Dimethylphenol
Concen: 3.334 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.07 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Instrument :
BNA_G
ClientSampleId :
20190833-COMPOSITE-I

Tgt Ion:122 Resp: 10841

Ion	Ratio	Lower	Upper
122	100		
107	0.0	102.2	153.2#
121	0.0	48.5	72.7#

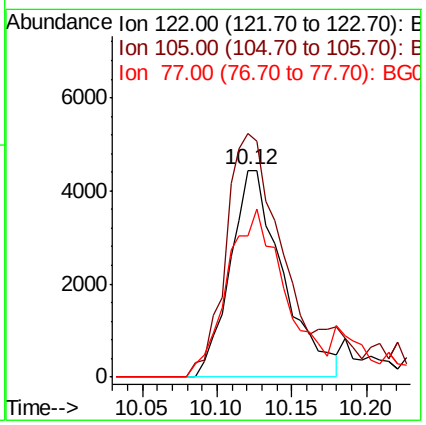


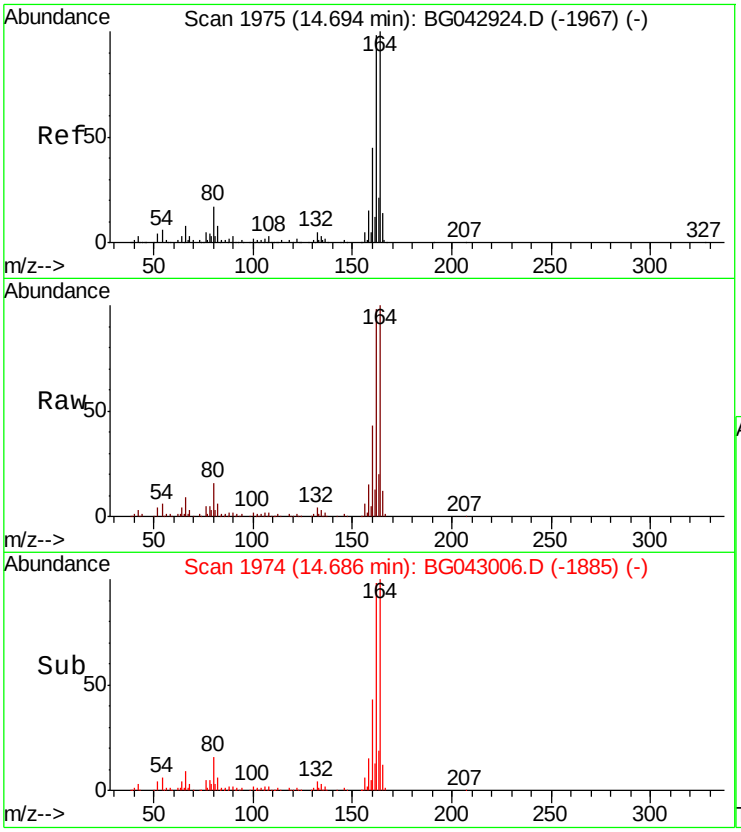


#32
Benzoic acid
Concen: 7.414 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.08 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Tgt Ion:122 Resp: 10841

Ion	Ratio	Lower	Upper
122	100		
105	117.7	107.5	147.5
77	68.5	79.8	119.8#



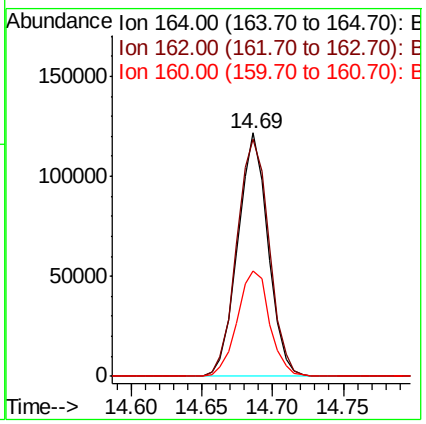


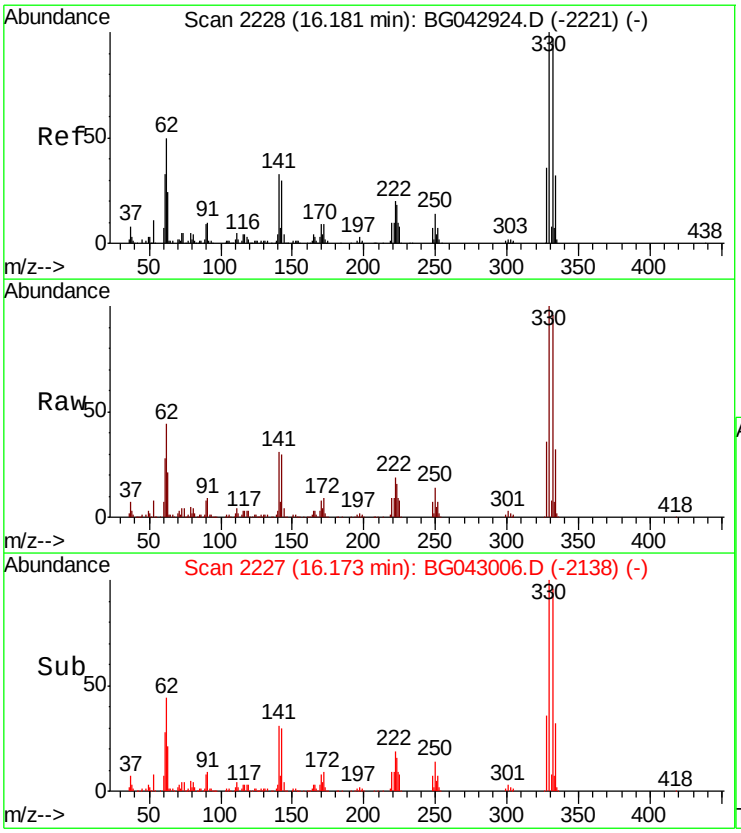
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Instrument :
BNA_G
ClientSampleId :
20190833-COMPOSITE-I

Tgt Ion:164 Resp: 182588

Ion	Ratio	Lower	Upper
164	100		
162	97.6	78.5	117.7
160	43.1	35.9	53.9

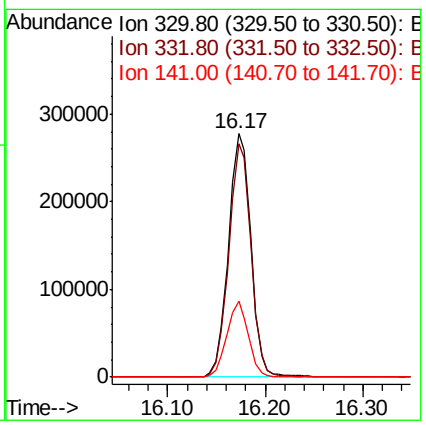


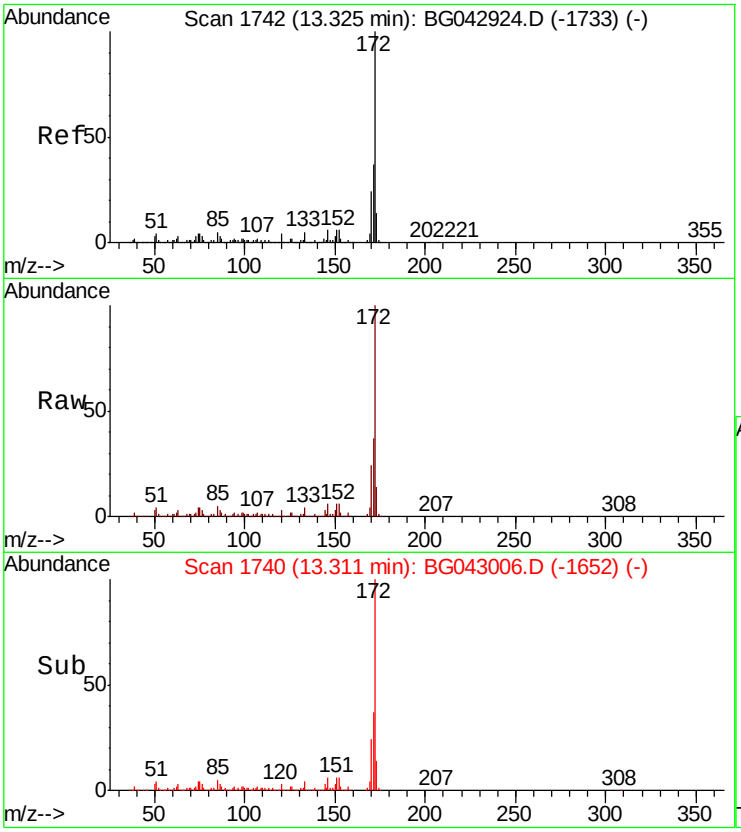


#42
2,4,6-Tribromophenol
Concen: 141.057 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Tgt Ion:330 Resp: 442880

Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.2	117.2
141	29.9	26.0	39.0



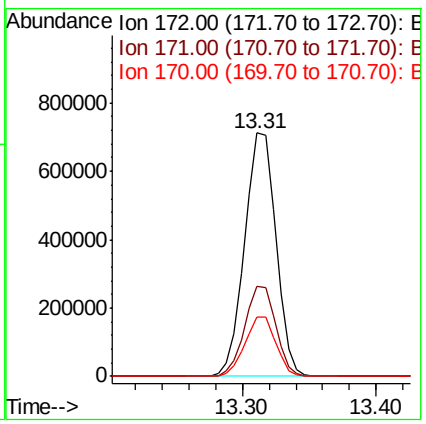


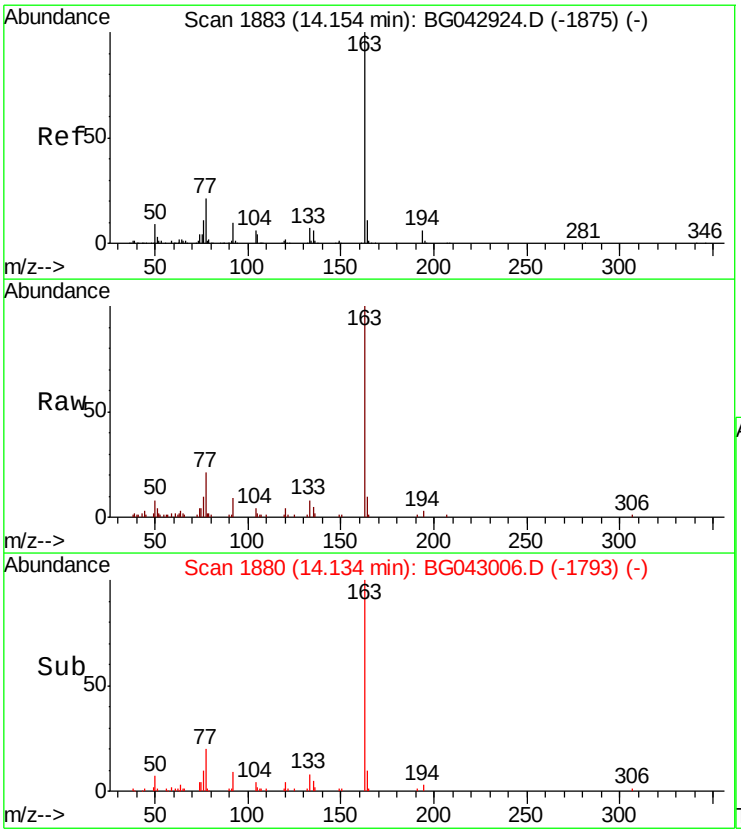
#45
2-Fluorobiphenyl
Concen: 91.346 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Instrument :
BNA_G
ClientSampleId :
20190833-COMPOSITE-I

Tgt Ion:172 Resp: 1150497

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.5	19.6	29.4

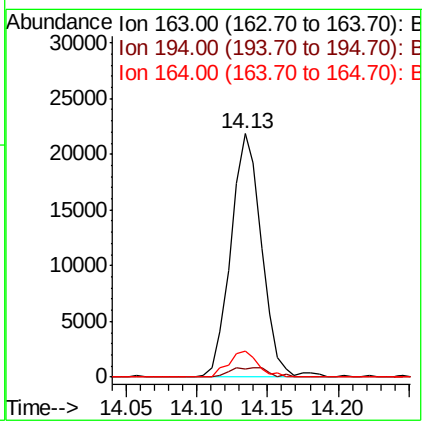


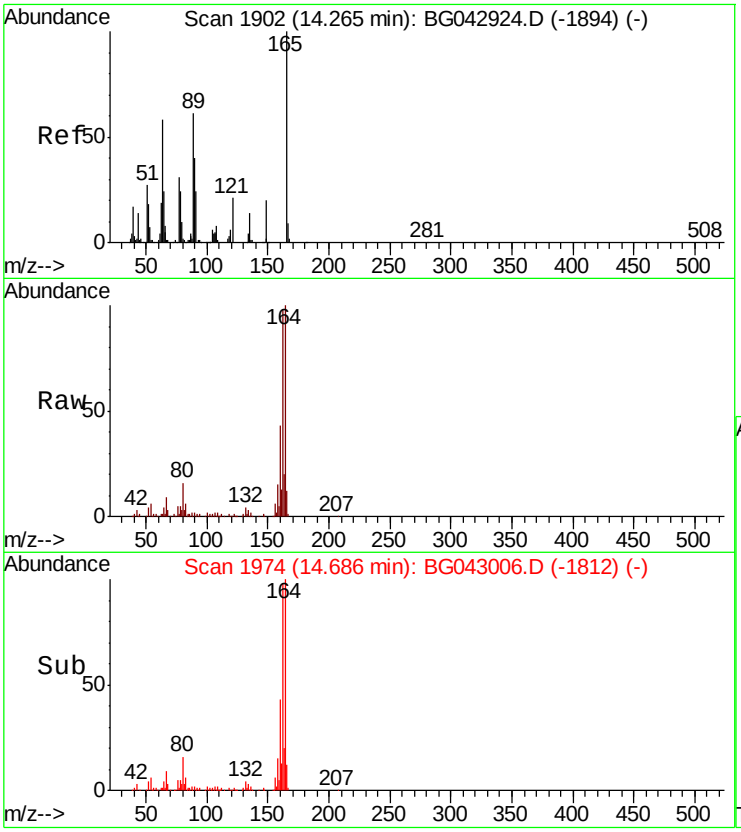


#50
Dimethylphthalate
Concen: 2.421 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Tgt Ion:163 Resp: 33122

Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	10.5	8.6	12.8



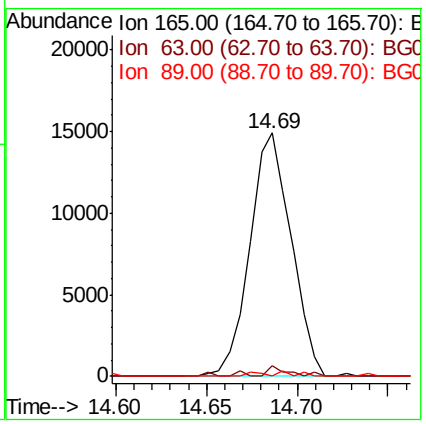


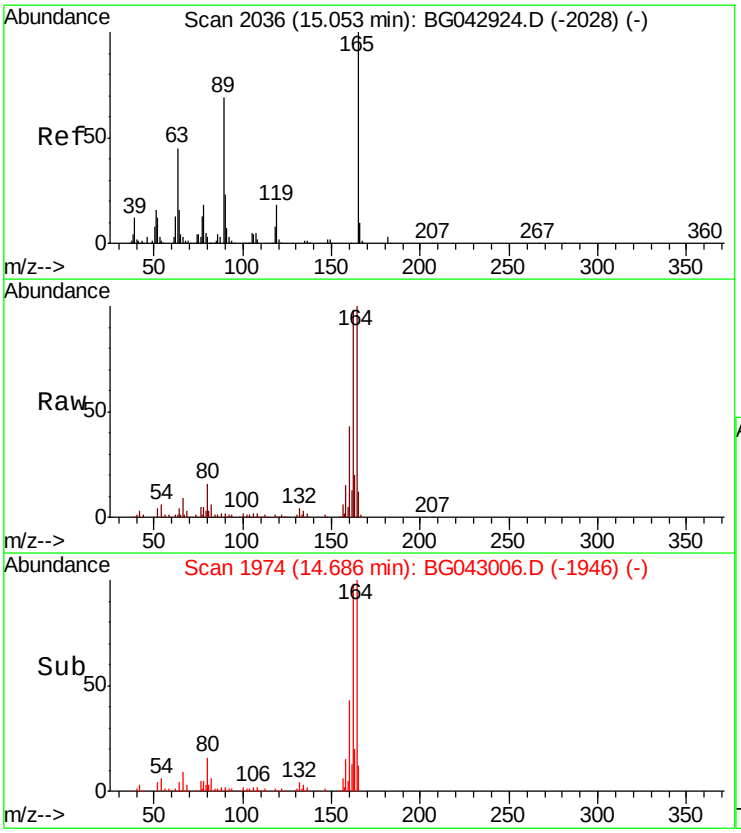
#51
2,6-Dinitrotoluene
Concen: 8.080 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.42 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Instrument :
BNA_G
ClientSampleId :
20190833-COMPOSITE-I

Tgt Ion:165 Resp: 23539

Ion	Ratio	Lower	Upper
165	100		
63	4.3	50.3	75.5#
89	0.0	48.9	73.3#

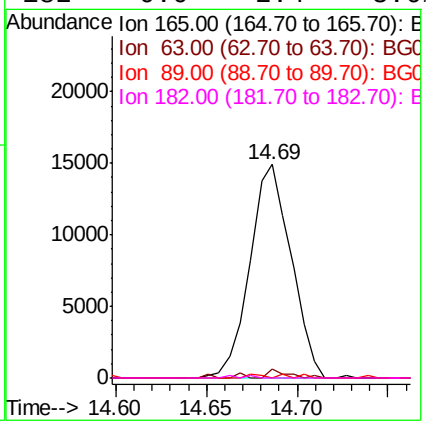


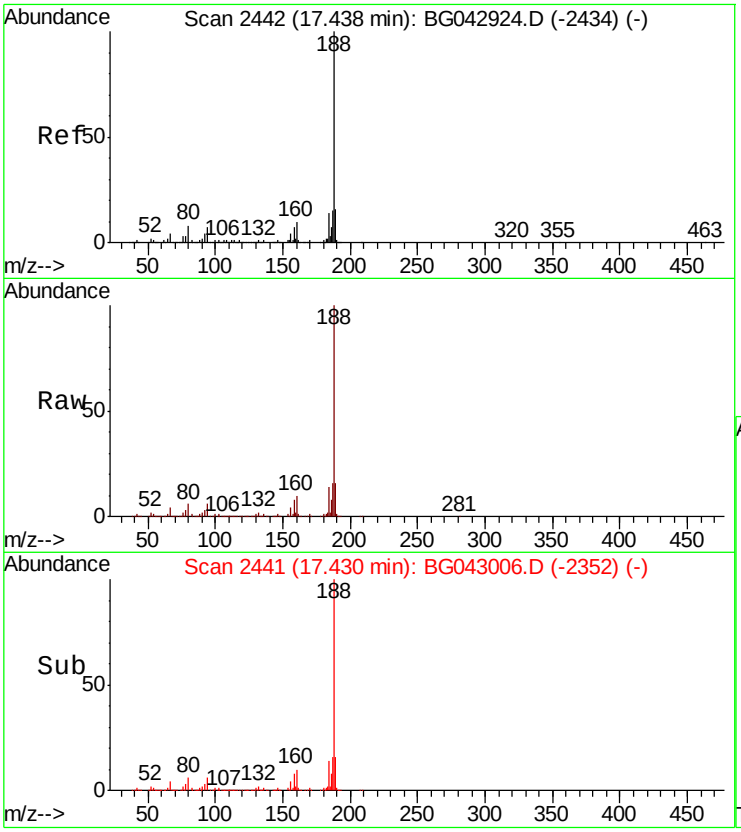


#57
2,4-Dinitrotoluene
Concen: 5.517 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.37 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Tgt Ion:165 Resp: 23539

Ion	Ratio	Lower	Upper
165	100		
63	4.3	36.5	54.7#
89	0.0	55.5	83.3#
182	0.0	2.4	3.6#



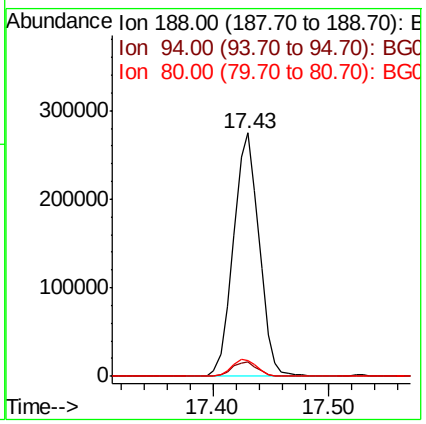


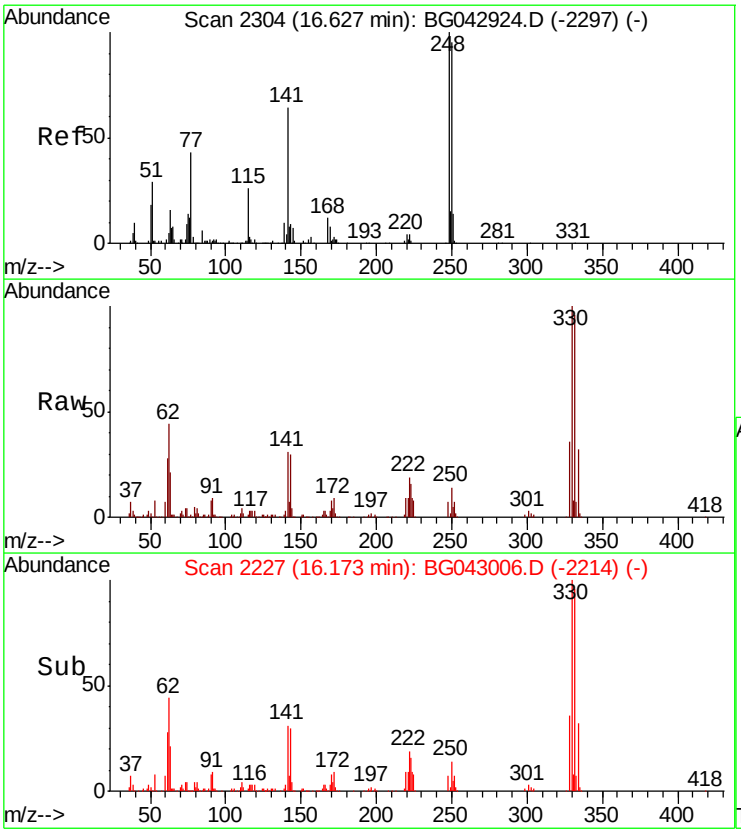
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Instrument :
BNA_G
ClientSampleId :
20190833-COMPOSITE-I

Tgt Ion:188 Resp: 423182

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.7	8.5
80	6.5	6.5	9.7#

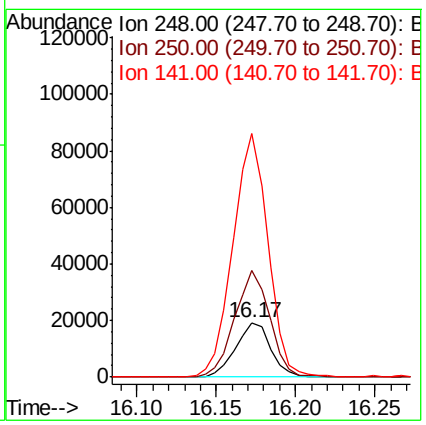


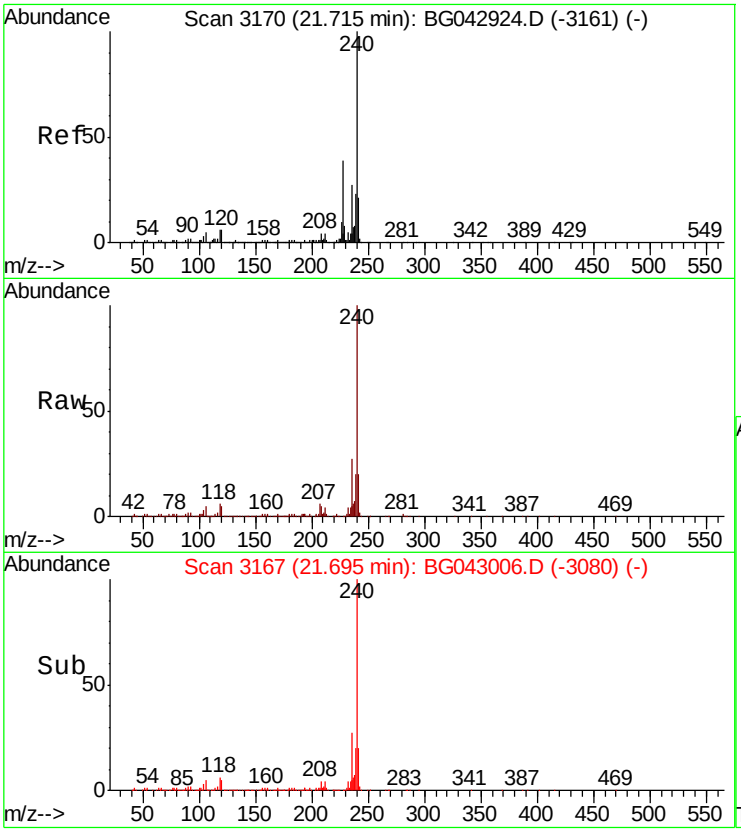


#67
4-Bromophenyl-phenylether
Concen: 5.537 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.45 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Tgt Ion:248 Resp: 29408

Ion	Ratio	Lower	Upper
248	100		
250	195.5	75.8	113.8#
141	444.4	51.1	76.7#



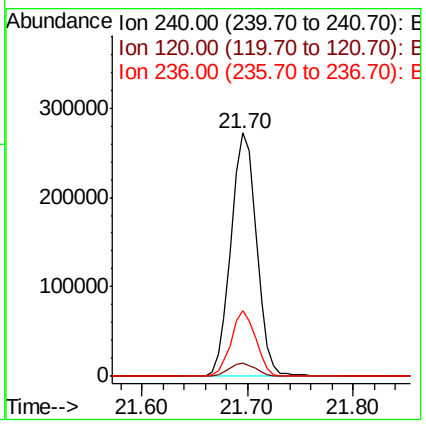


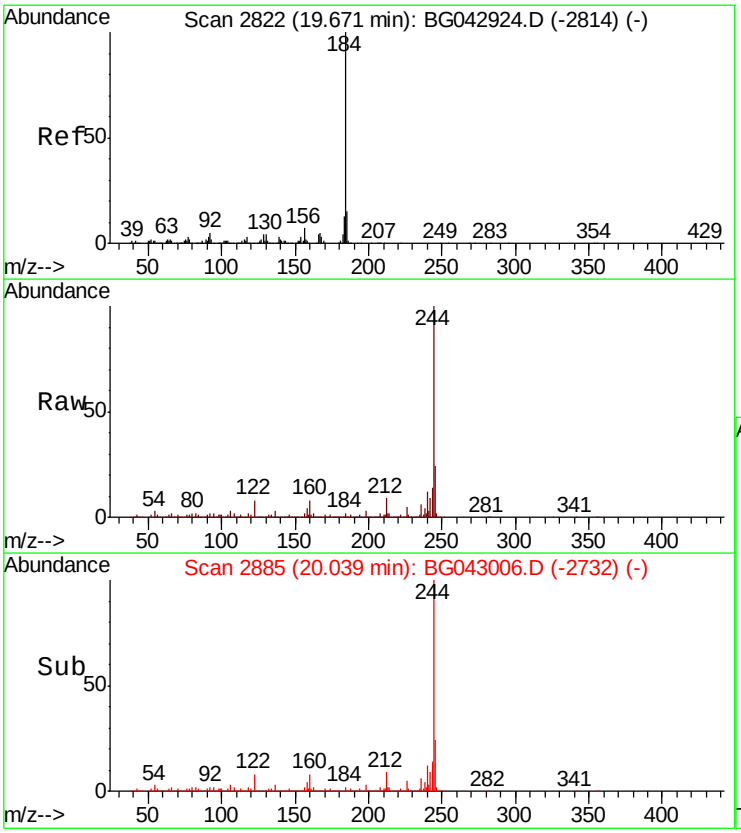
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Instrument :
BNA_G
ClientSampleId :
20190833-COMPOSITE-I

Tgt Ion:240 Resp: 455343

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.8	7.2
236	27.1	21.4	32.0

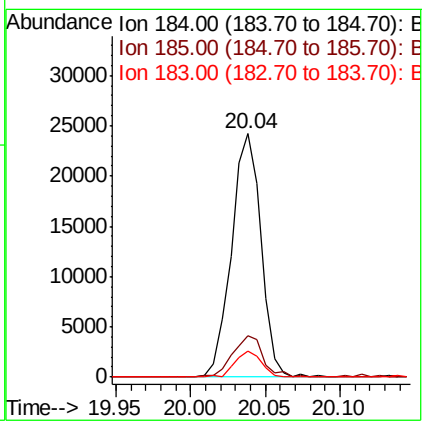


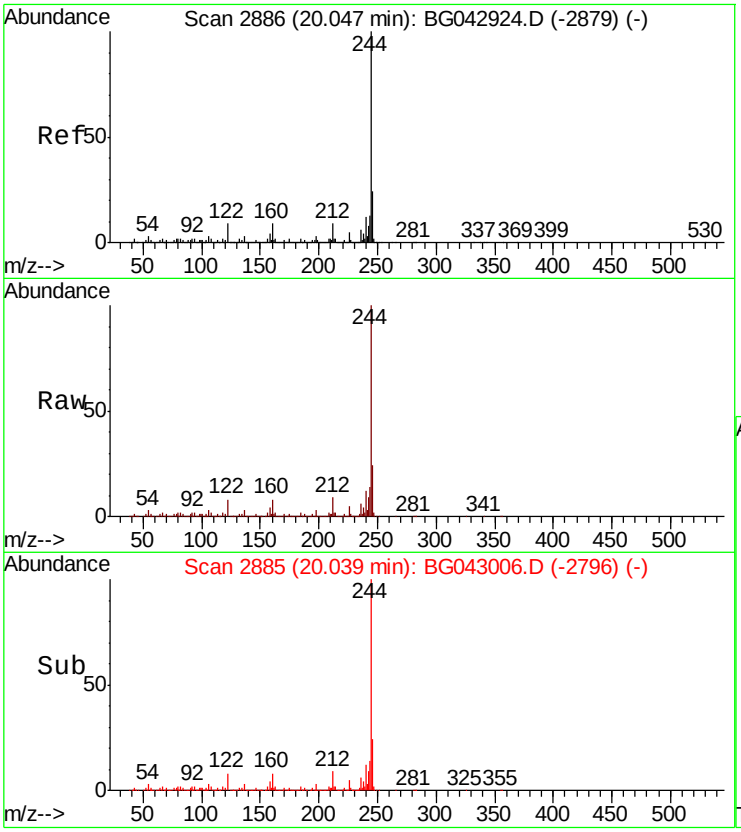


#77
Benzidine
Concen: 2.930 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.37 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Tgt Ion:184 Resp: 33409

Ion	Ratio	Lower	Upper
184	100		
185	17.2	11.8	17.8
183	10.8	10.1	15.1



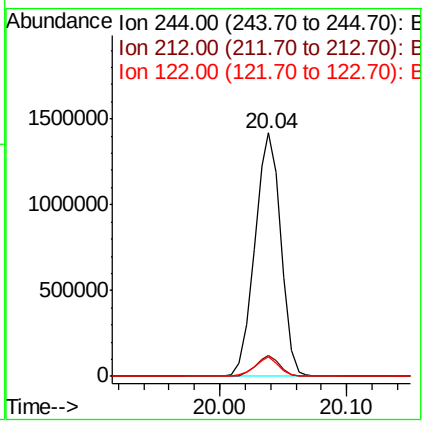


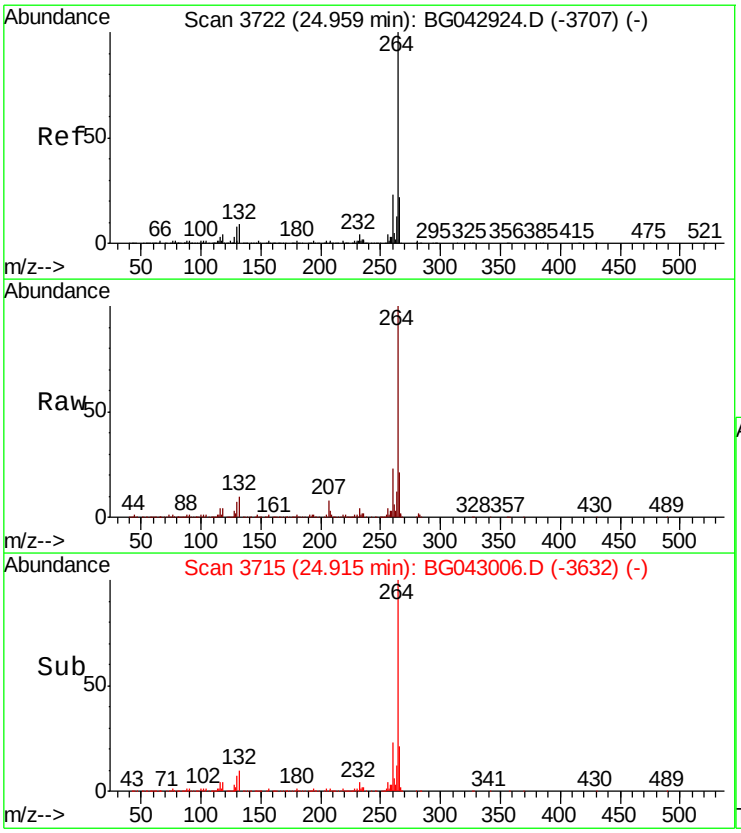
#79
Terphenyl-d14
Concen: 94.679 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Instrument :
BNA_G
ClientSampleId :
20190833-COMPOSITE-I

Tgt Ion:244 Resp: 2023178

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.0
122	8.2	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043006.D
Acq: 3 Oct 2019 5:21

Tgt Ion:264 Resp: 521016

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.9	17.7	26.5