Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040720\
Data File : BG044966.D
Acq On : 7 Apr 2020 22:20
Operator : CG/JU
Sample : L2112-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-040220

Quant Time: Apr 08 02:24:45 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	88121	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	324561	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	216286	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	496666	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	496120	20.00	ng	-0.01
87) Perylene-d12	24.89	264	534852	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	655632	115.82	ng	0.00
7) Phenol-d6	7.20	99	796530	96.85	ng	0.00
23) Nitrobenzene-d5	9.20	82	679166	91.82	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	472180	166.73	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1475747	97.71	ng	0.00
79) Terphenyl-d14	20.03	244	2491682	93.95	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	2274	Below Cal	#	33
19) n-Nitroso-di-n-propylamine	9.20	70	90252	15.54	ng	# 67
32) Benzoic acid	10.11	122	53	9.68	ng	# 1
50) Dimethylphthalate	14.12	163	81745	4.75	ng	# 95
54) 2,4-Dinitrophenol	14.27	184	71	8.36	ng	# 21
57) 2,4-Dinitrotoluene	14.67	165	27656	5.81	ng	# 23
65) 4,6-Dinitro-2-methylphenol	15.59	198	80	7.76	ng	# 33
67) 4-Bromophenyl-phenylether	16.16	248	31800	5.12	ng	# 1
77) Benzidine	20.03	184	49959	3.10	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040720\
Data File : BG044966.D
Acq On : 7 Apr 2020 22:20
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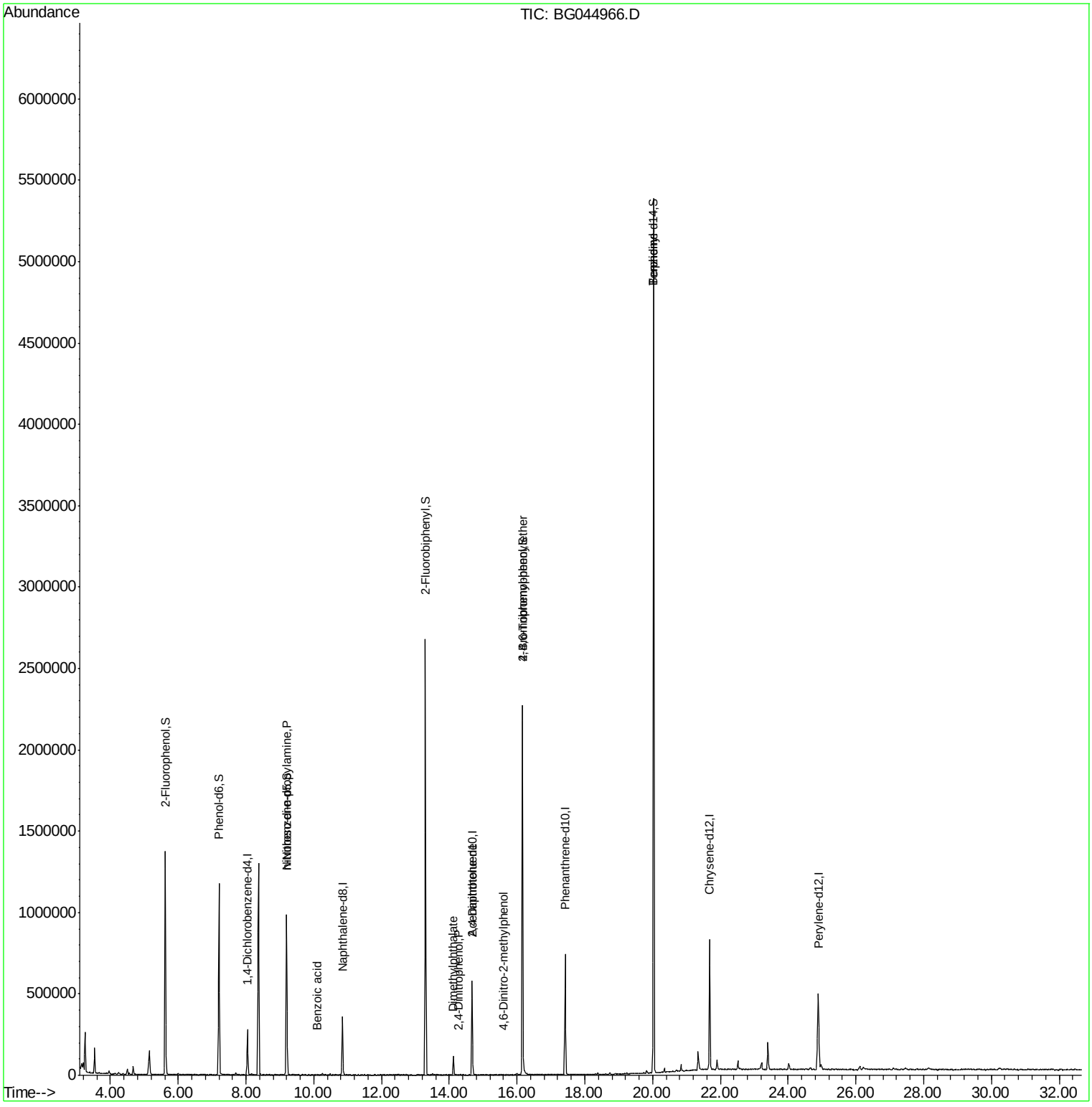
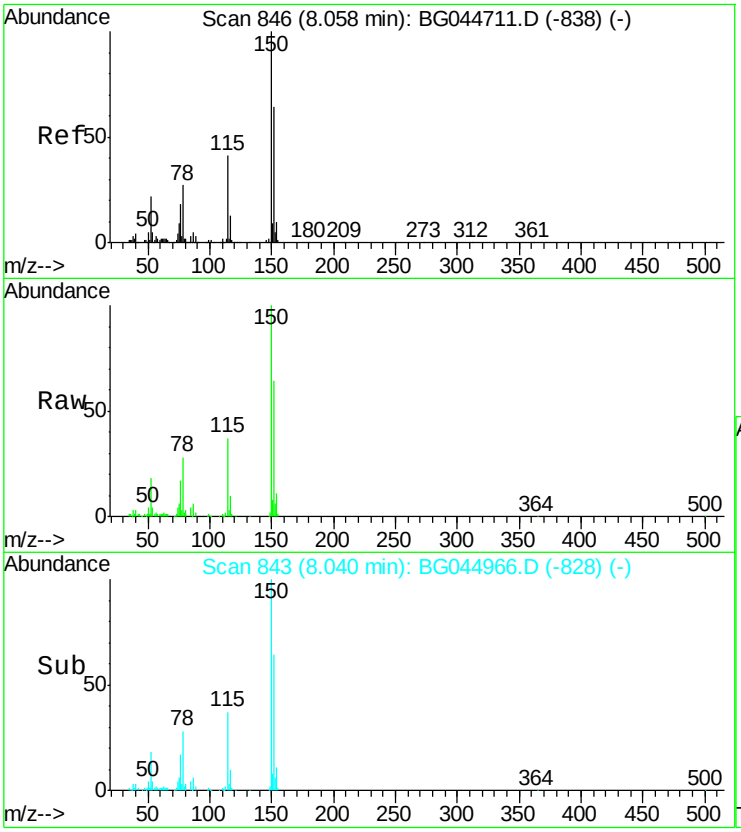
HR-06-040220

Quant Time: Apr 08 02:24:45 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



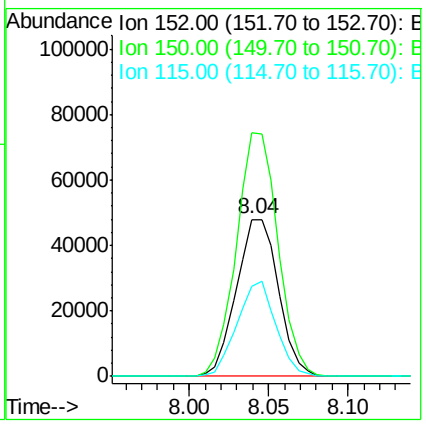


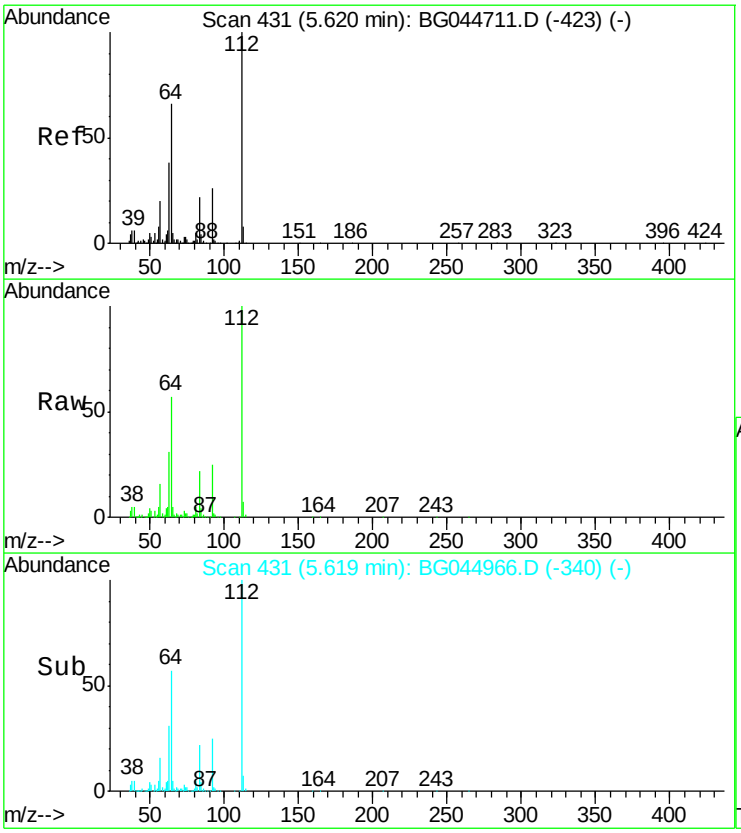
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
HR-06-040220

Tgt Ion:152 Resp: 88121

Ion	Ratio	Lower	Upper
152	100		
150	155.5	128.8	193.2
115	57.9	52.6	79.0

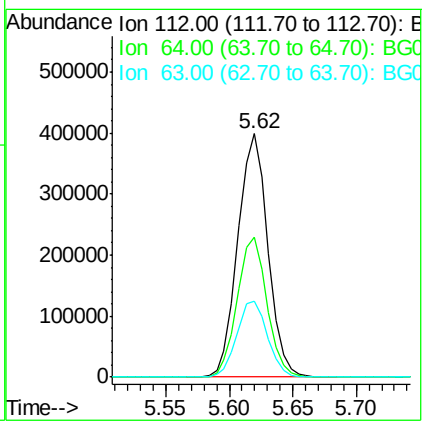


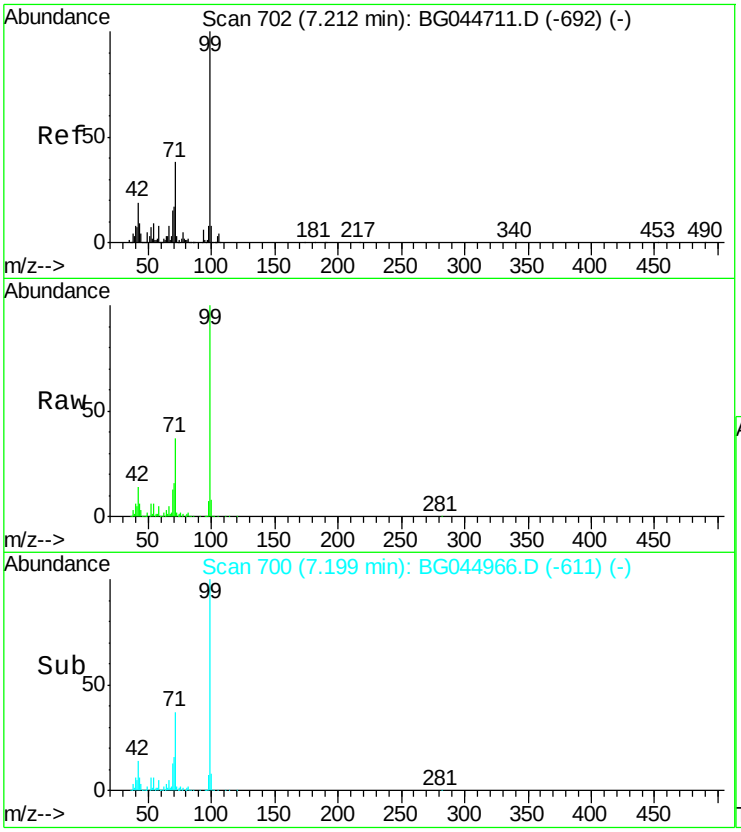


#5
2-Fluorophenol
Concen: 115.82 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion:112 Resp: 655632

Ion	Ratio	Lower	Upper
112	100		
64	57.3	53.4	80.2
63	31.1	29.4	44.2



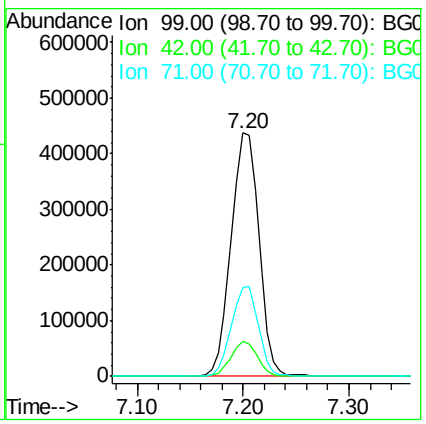


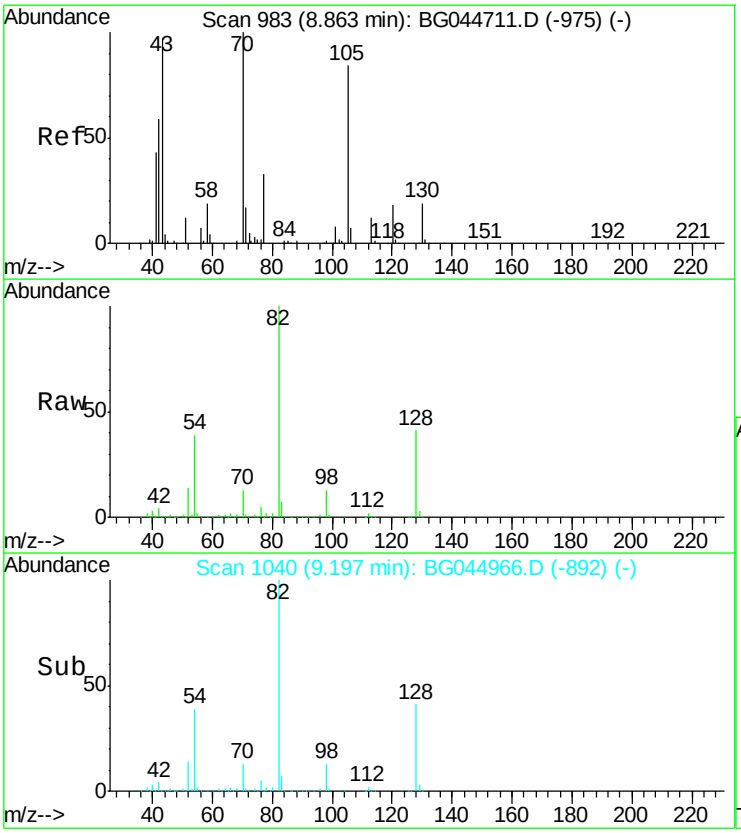
#7
Phenol-d6
Concen: 96.85 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
HR-06-040220

Tgt Ion: 99 Resp: 796530

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.6	19.0
71	36.7	29.0	43.4

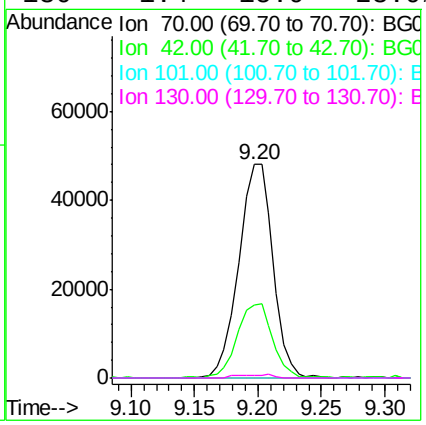


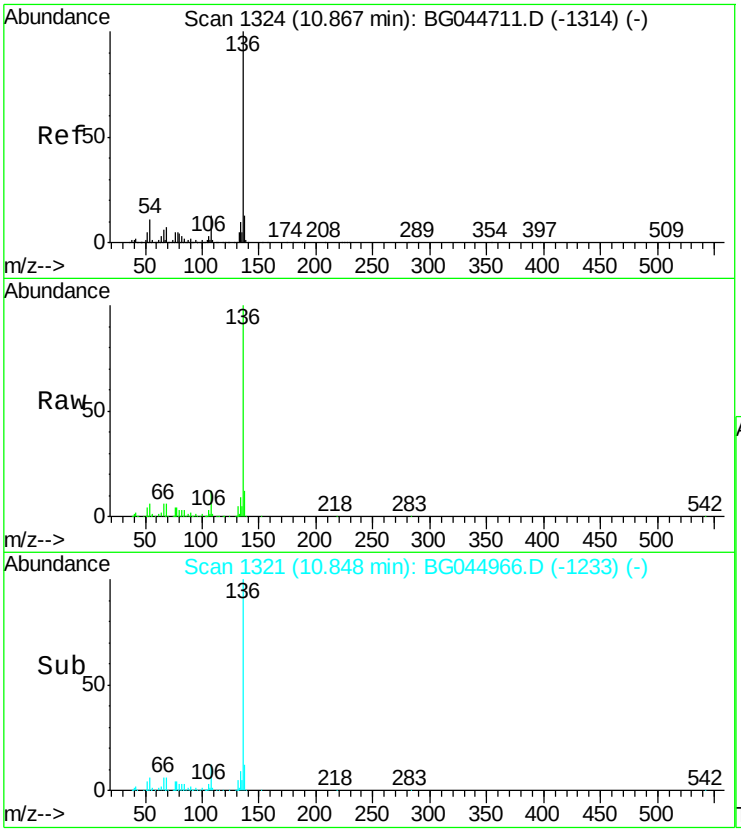


#19
n-Nitroso-di-n-propylamine
Concen: 15.54 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion: 70 Resp: 90252

Ion	Ratio	Lower	Upper
70	100		
42	34.2	45.7	68.5#
101	0.0	7.4	11.2#
130	1.4	15.9	23.9#



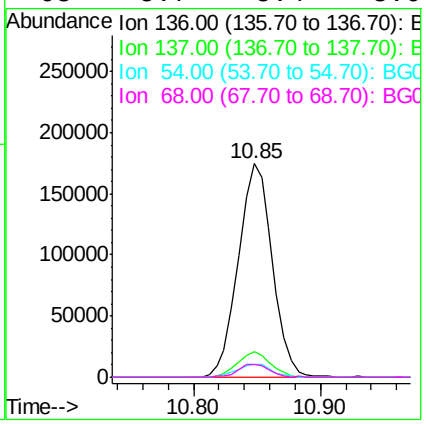


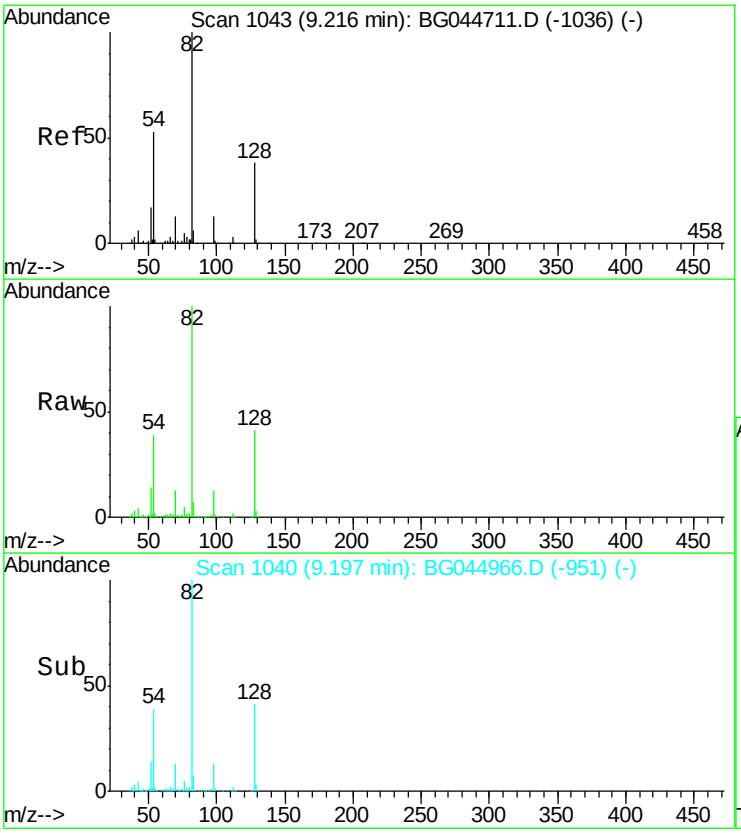
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
HR-06-040220

Tgt Ion:136 Resp: 324561

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.6
54	5.8	7.9	11.9#
68	5.7	5.4	8.0

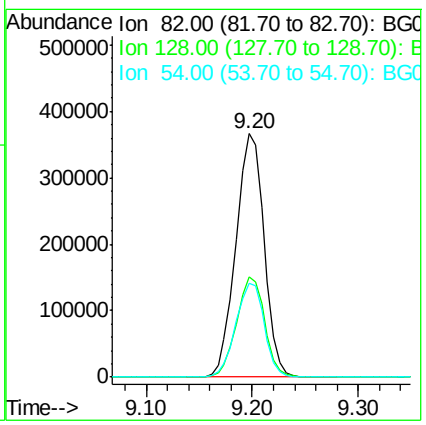


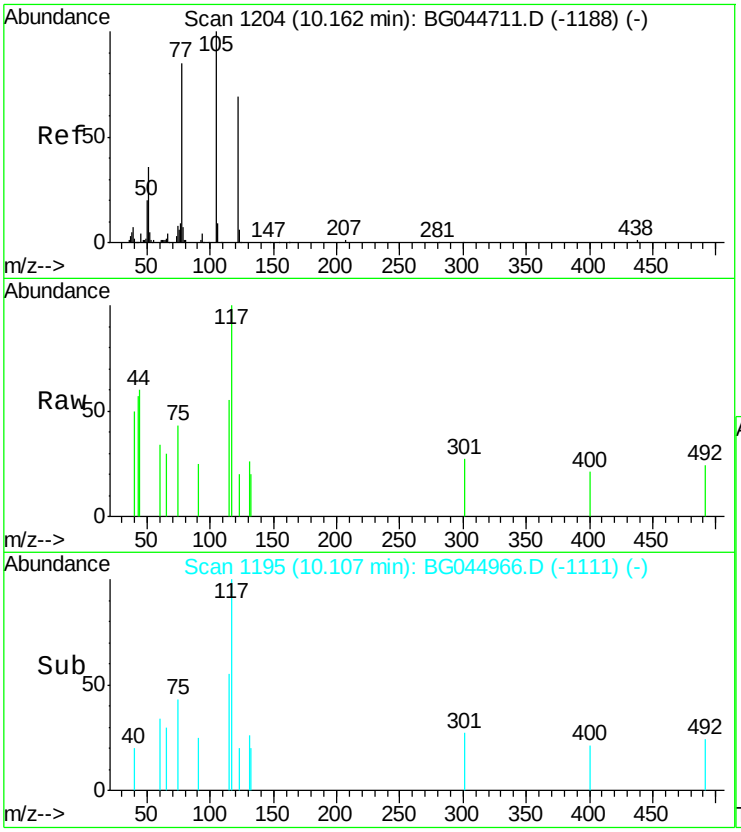


#23
Nitrobenzene-d5
Concen: 91.82 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion: 82 Resp: 679166

Ion	Ratio	Lower	Upper
82	100		
128	41.0	30.6	46.0
54	38.7	37.1	55.7



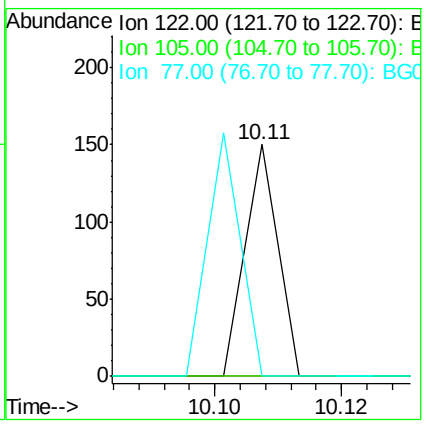


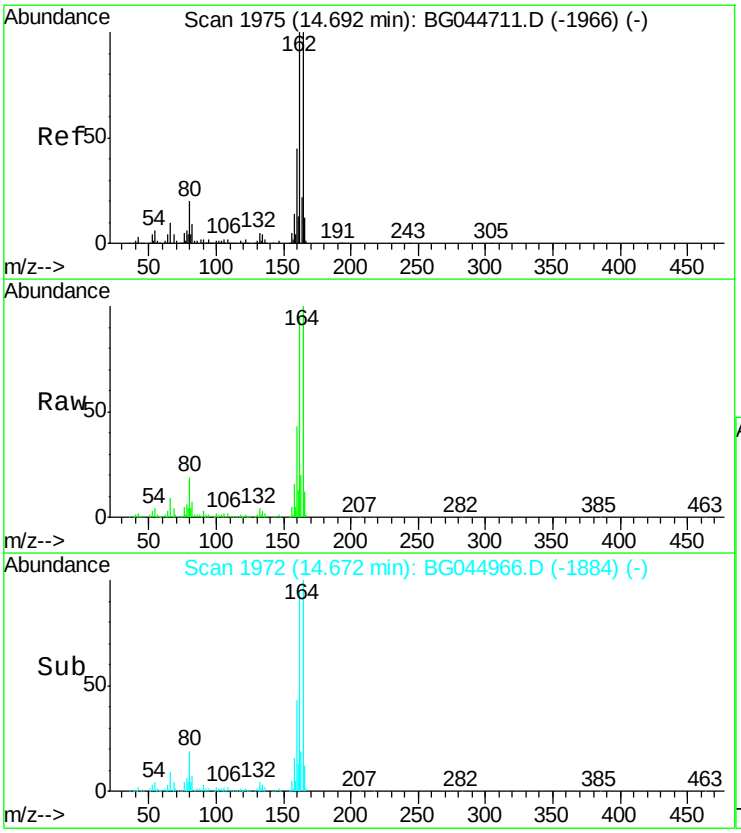
#32
Benzoic acid
Concen: 9.68 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.04 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
HR-06-040220

Tgt Ion:122 Resp: 53

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

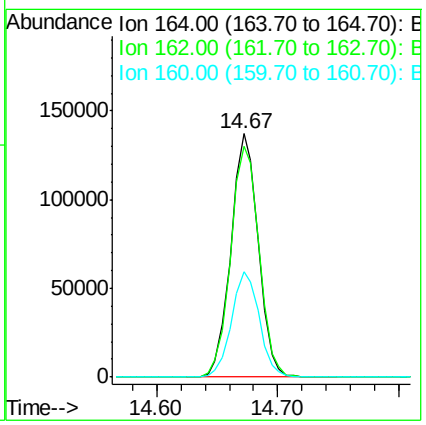


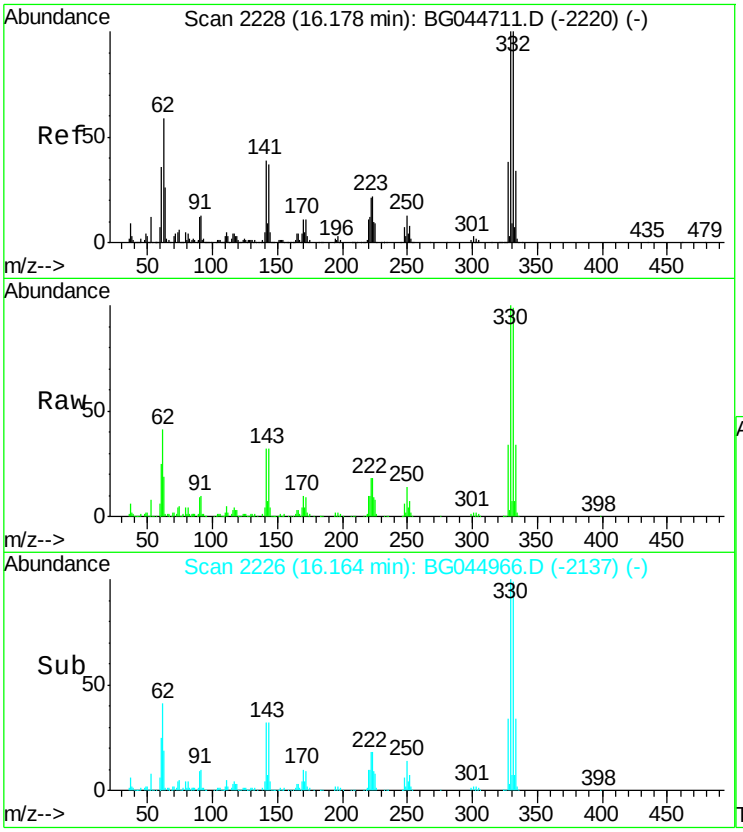


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion:164 Resp: 216286

Ion	Ratio	Lower	Upper
164	100		
162	95.0	76.7	115.1
160	43.1	35.0	52.4



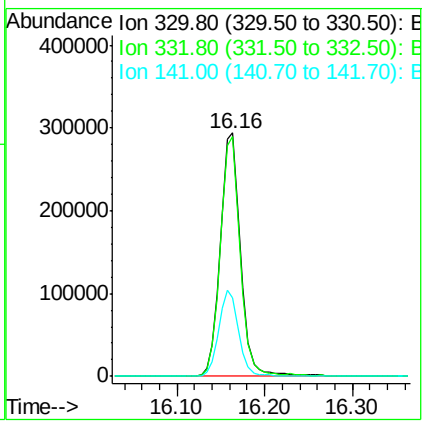


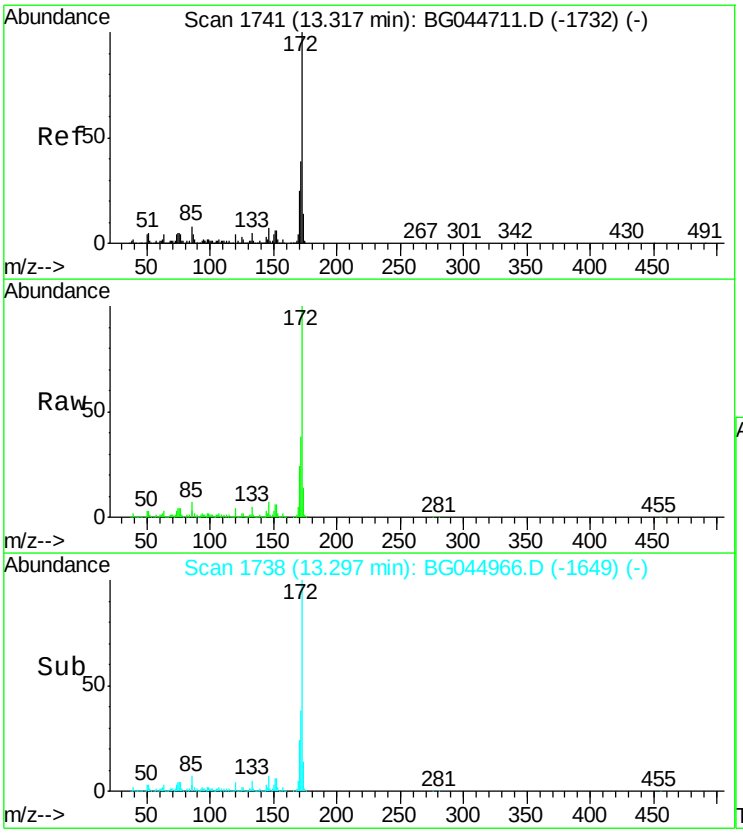
#42
2,4,6-Tribromophenol
Concen: 166.73 ng
RT: 16.16 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
HR-06-040220

Tgt Ion:330 Resp: 472180

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	34.7	29.5	44.3

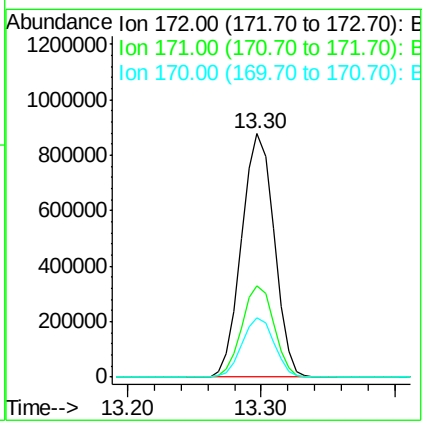


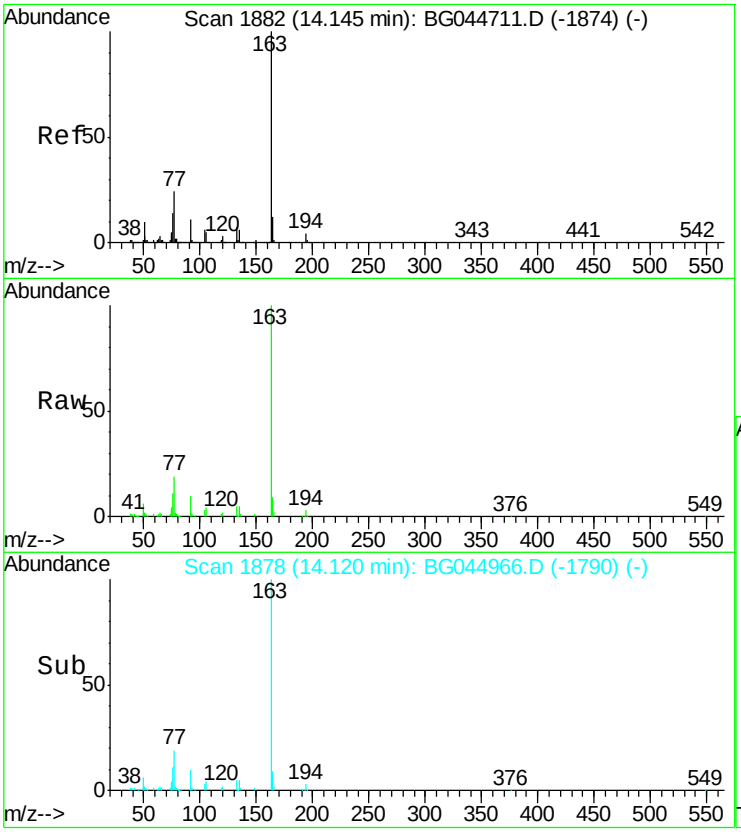


#45
2-Fluorobiphenyl
Concen: 97.71 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion:172 Resp: 1475747

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	24.5	19.0	28.6



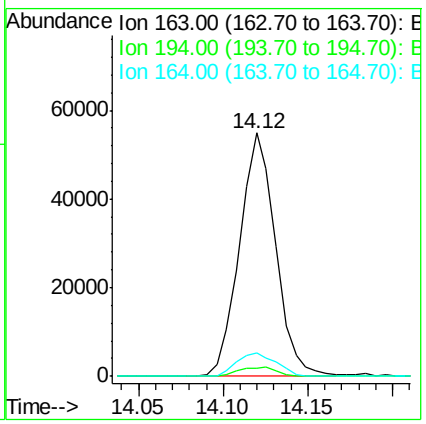


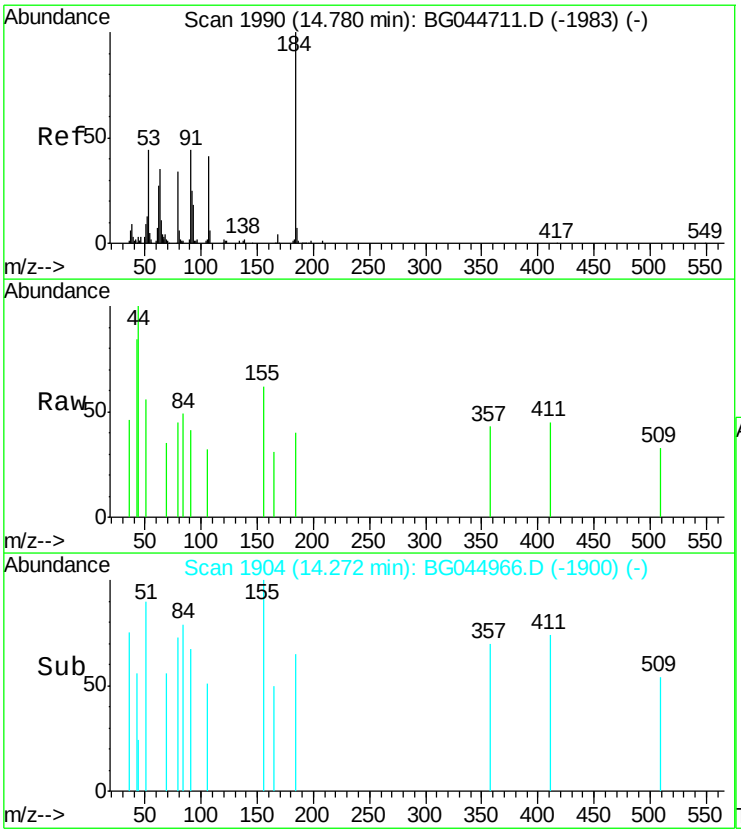
#50
Dimethylphthalate
Concen: 4.75 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
HR-06-040220

Tgt Ion:163 Resp: 81745

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.7	5.5#
164	9.4	9.1	13.7

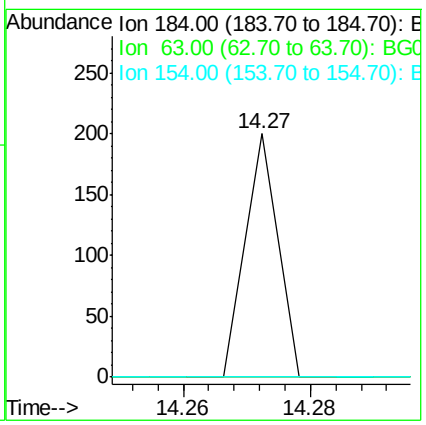


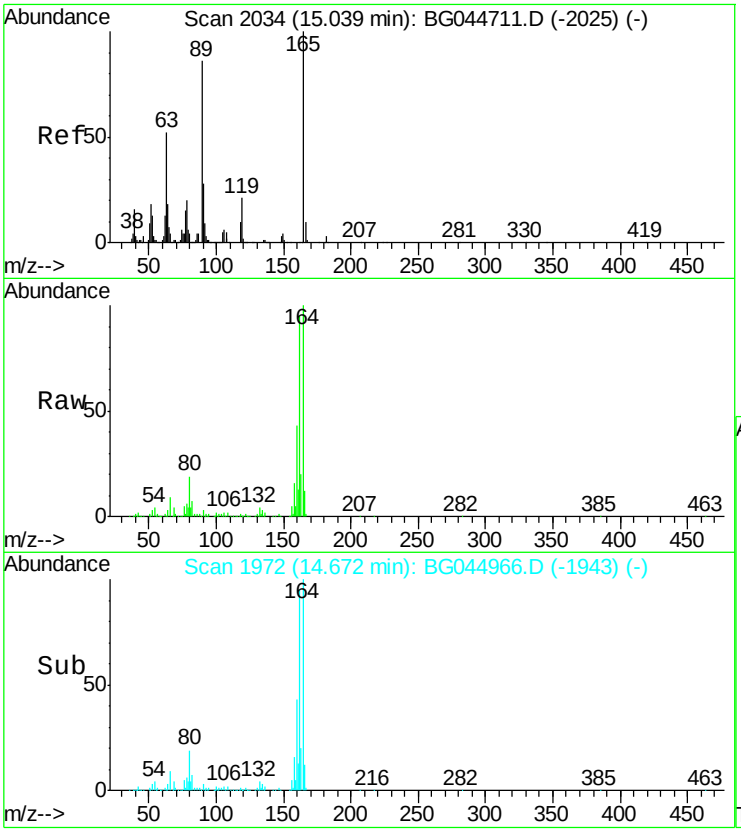


#54
2,4-Dinitrophenol
Concen: 8.36 ng
RT: 14.27 min Scan# 1904
Delta R.T. -0.51 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion:184 Resp: 71

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



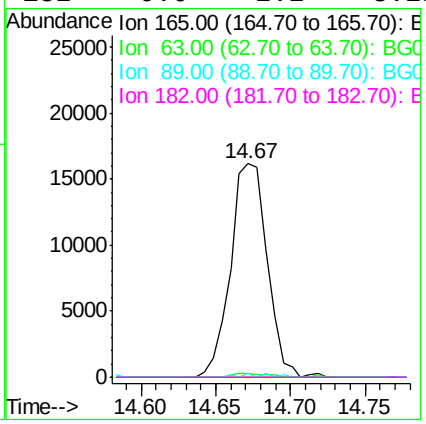


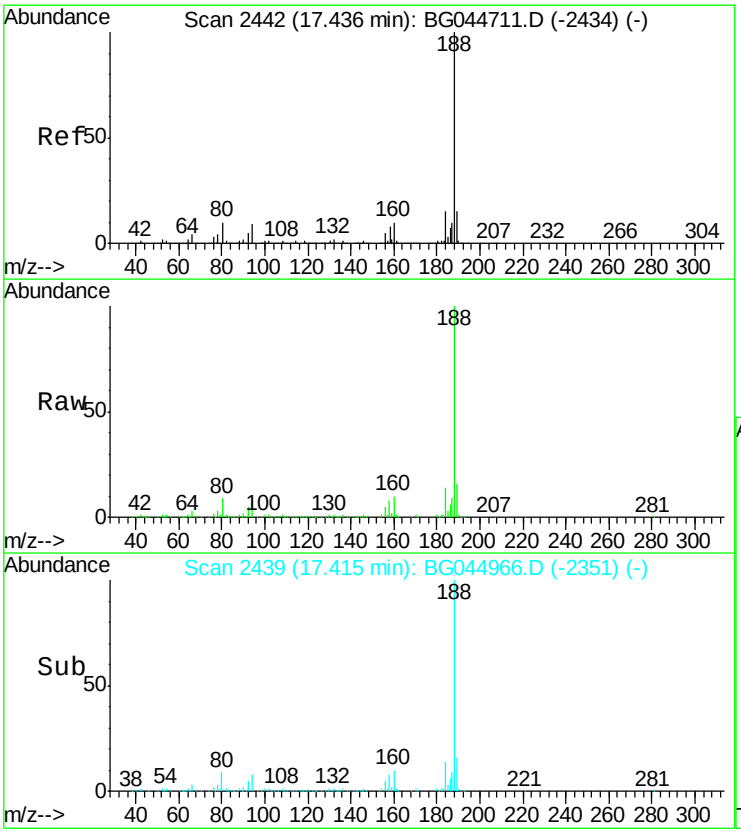
#57
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
HR-06-040220

Tgt Ion:165 Resp: 27656

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.6	52.0#
89	1.7	61.3	91.9#
182	0.0	2.2	3.2#

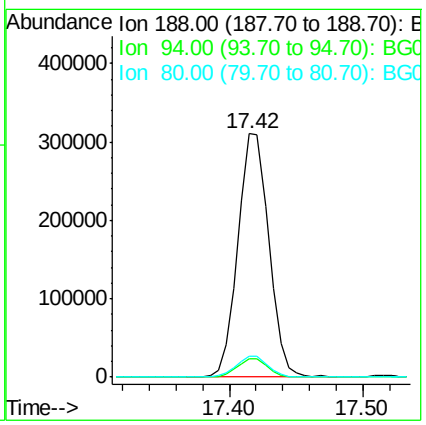


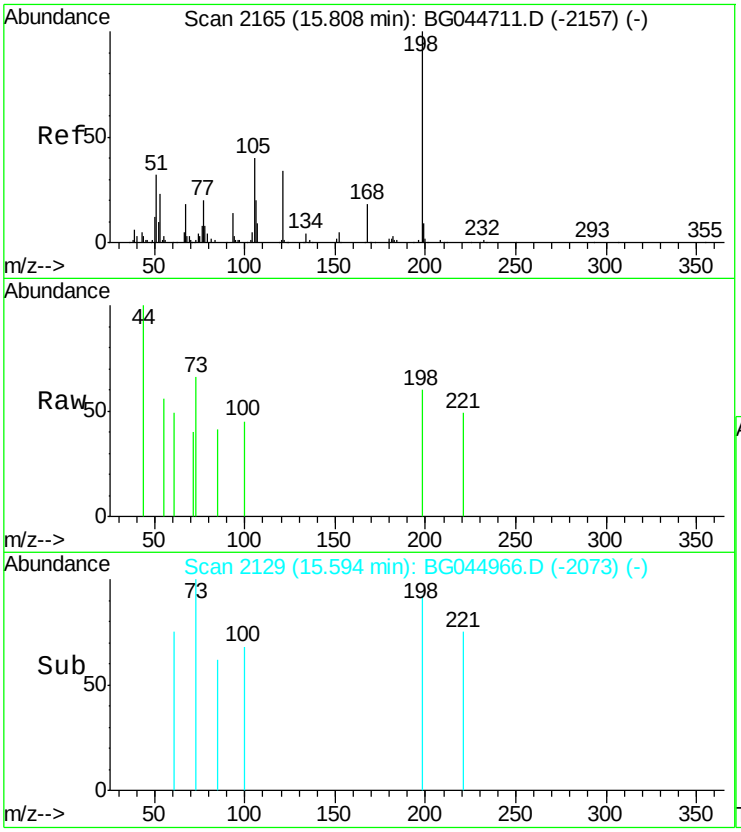


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion:188 Resp: 496666

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.3	10.9
80	8.7	8.0	12.0



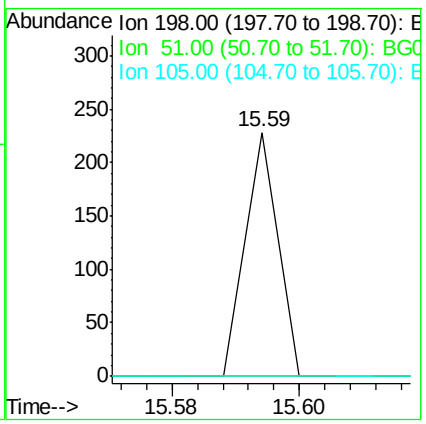


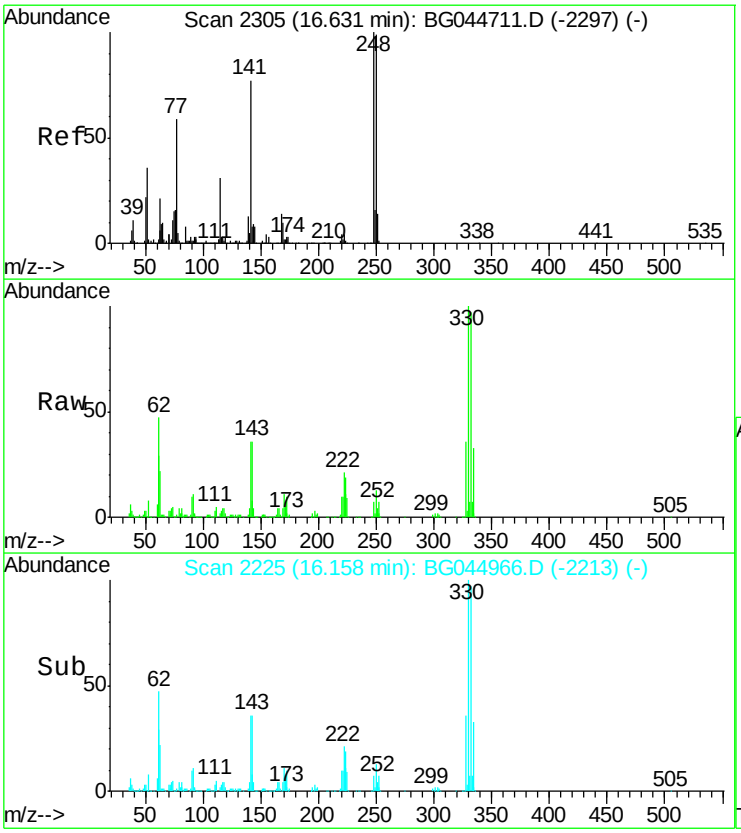
#65
4,6-Dinitro-2-methylphenol
Concen: 7.76 ng
RT: 15.59 min Scan# 2129
Delta R.T. -0.20 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
HR-06-040220

Tgt Ion:198 Resp: 80

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

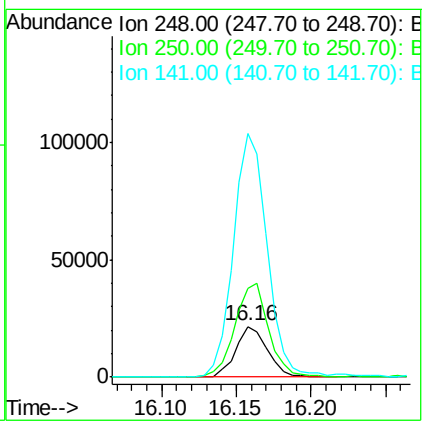


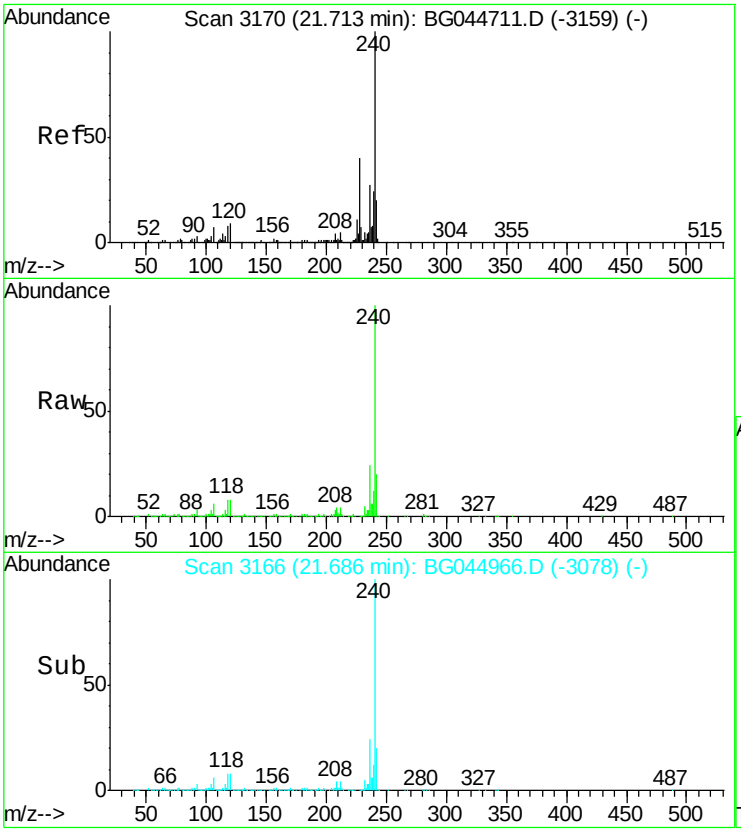


#67
4-Bromophenyl-phenylether
Concen: 5.12 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion:248 Resp: 31800

Ion	Ratio	Lower	Upper
248	100		
250	177.0	77.9	116.9#
141	483.0	57.5	86.3#



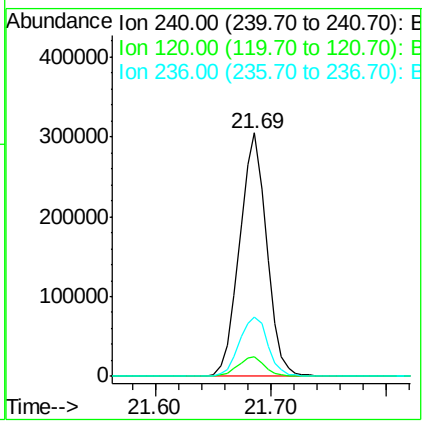


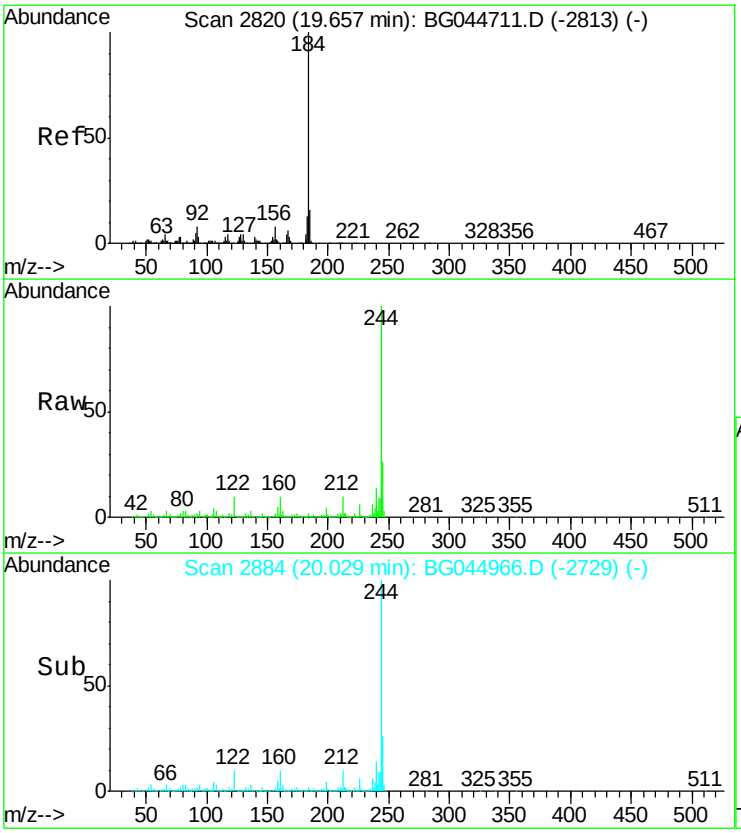
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
HR-06-040220

Tgt Ion:240 Resp: 496120

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.7	10.1
236	24.2	21.5	32.3

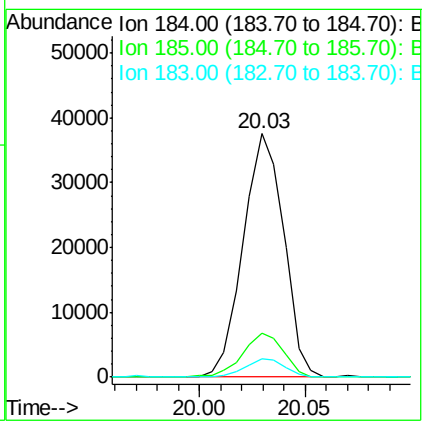


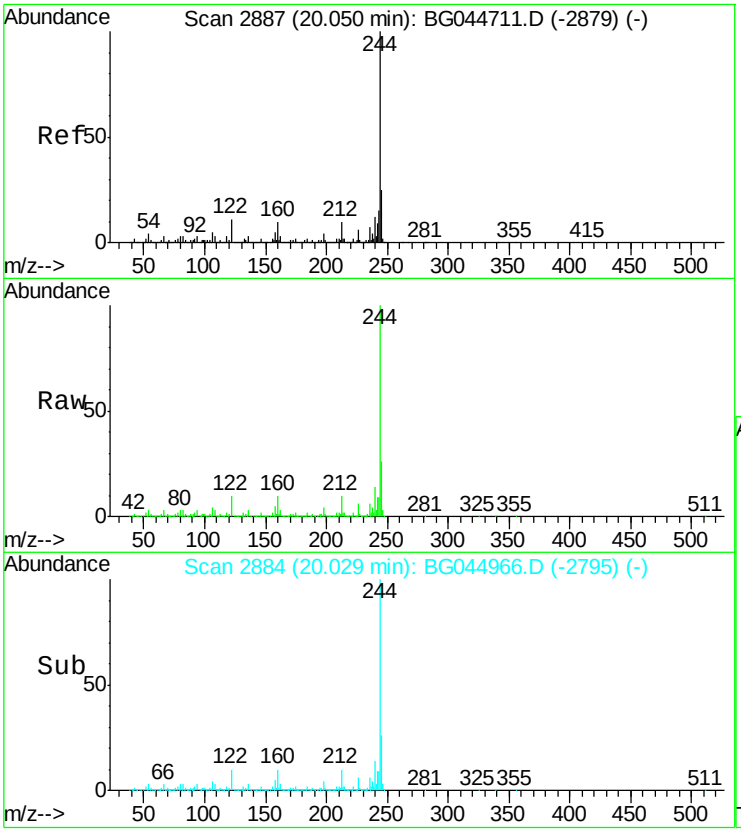


#77
Benzidine
Concen: 3.10 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion:184 Resp: 49959

Ion	Ratio	Lower	Upper
184	100		
185	18.1	12.2	18.4
183	7.8	10.7	16.1#



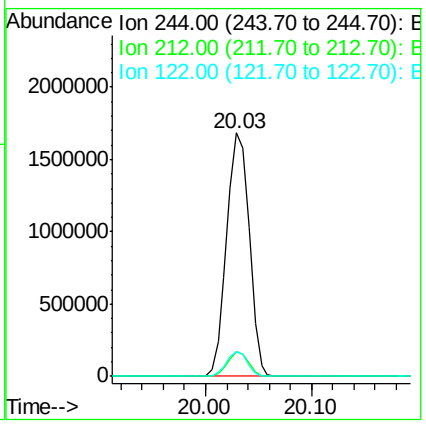


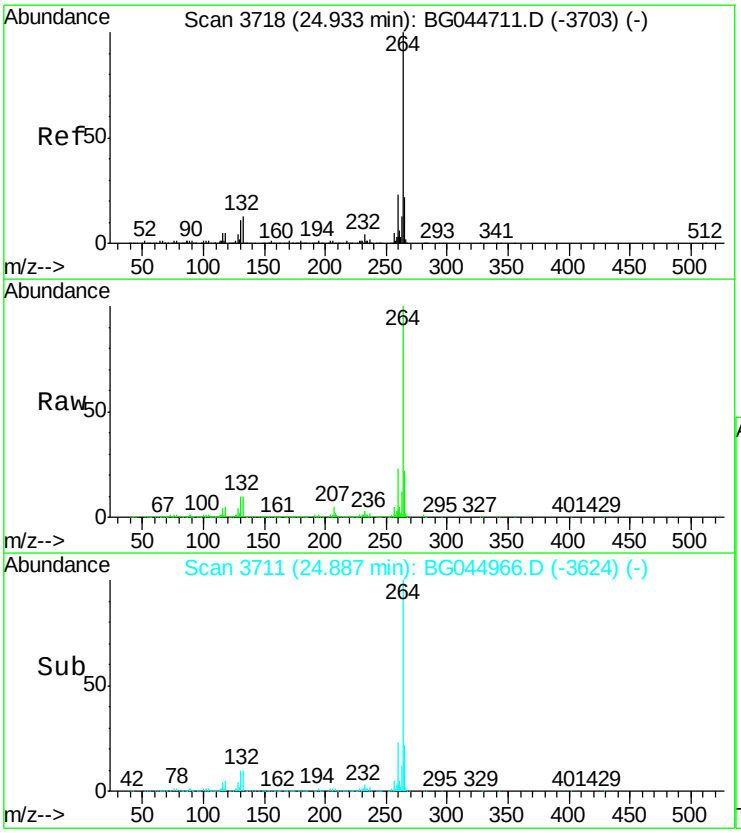
#79
Terphenyl-d14
Concen: 93.95 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Instrument :
BNA_G
ClientSampleId :
HR-06-040220

Tgt Ion:244 Resp: 2491682

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.7	11.5
122	10.4	8.6	12.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044966.D
Acq: 7 Apr 2020 22:20

Tgt Ion:264 Resp: 534852

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.1	27.1
265	21.8	17.1	25.7