Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
Data File : BG045790.D
Acq On : 17 Jun 2020 14:42
Operator : CG/JU
Sample : L3020-01RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22(16.5-18.5)RE

Quant Time: Jun 17 15:22:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69559	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	279392	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	191707	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	401588	20.00	ng		0.00
76) Chrysene-d12	21.57	240	335243	20.00	ng		0.00
86) Perylene-d12	24.71	264	359312	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	623951	151.53	ng		0.00
7) Phenol-d6	7.16	99	965712	154.18	ng		0.00
23) Nitrobenzene-d5	9.09	82	715404	116.98	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	534310	184.61	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1626988	124.72	ng		0.00
79) Terphenyl-d14	19.94	244	2142585	129.52	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.24	79	12225	2.522	ng	#	48
19) n-Nitroso-di-n-propylamine	9.09	70	100510	24.408	ng	#	80
50) Dimethylphthalate	14.02	163	207302	13.803	ng		99
54) 2,4-Dinitrophenol	14.58	184	61	9.854	ng	#	1
57) 2,4-Dinitrotoluene	14.57	165	23791	4.923	ng	#	23
67) 4-Bromophenyl-phenylether	16.07	248	37483	7.183	ng	#	1
70) Pentachlorophenol	16.82	266	83	7.661	ng	#	17
77) Benzidine	19.94	184	45944	5.272	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
Data File : BG045790.D
Acq On : 17 Jun 2020 14:42
Operator : CG/JU
Sample : L3020-01RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Quant Time: Jun 17 15:22:28 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
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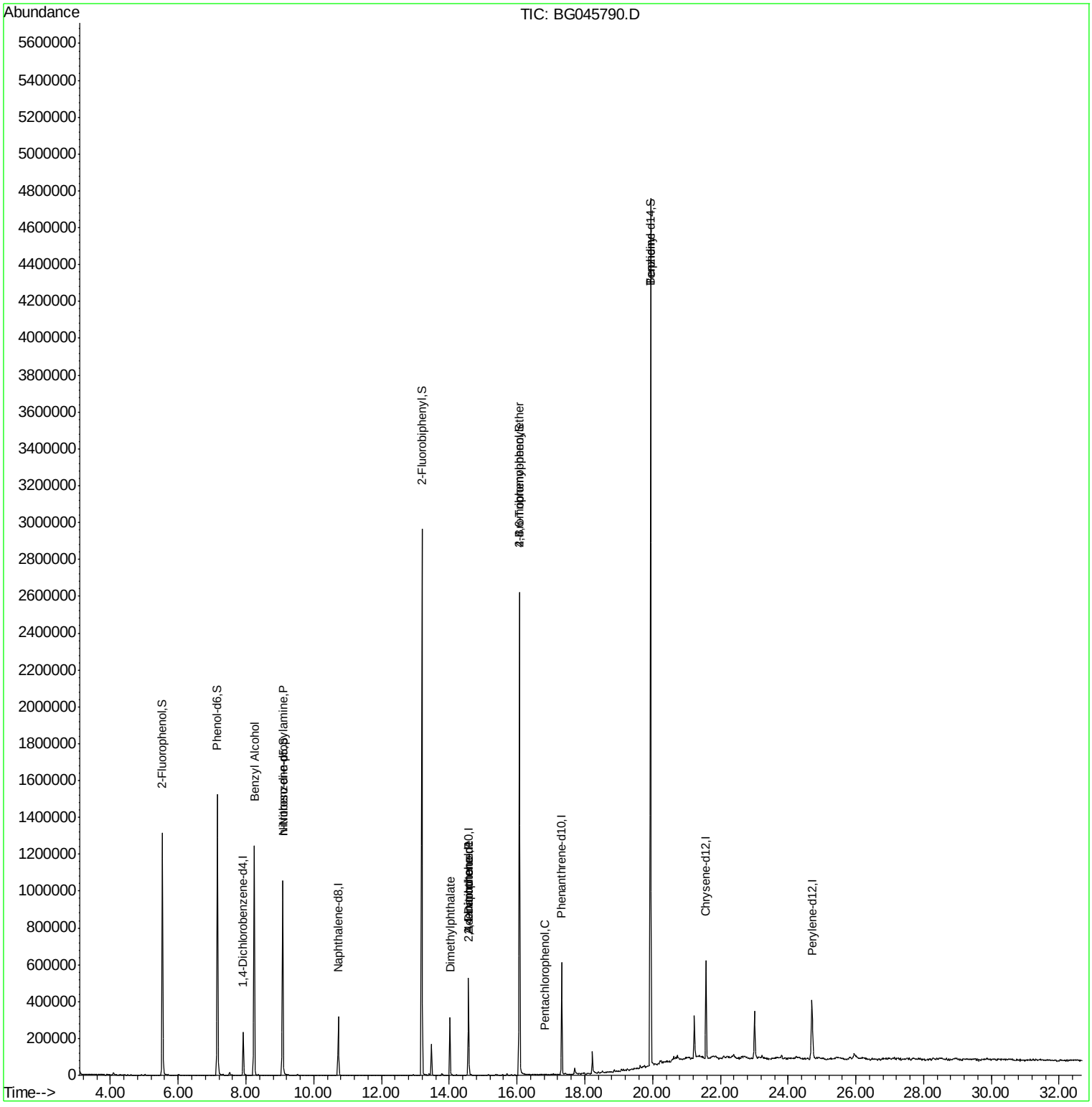
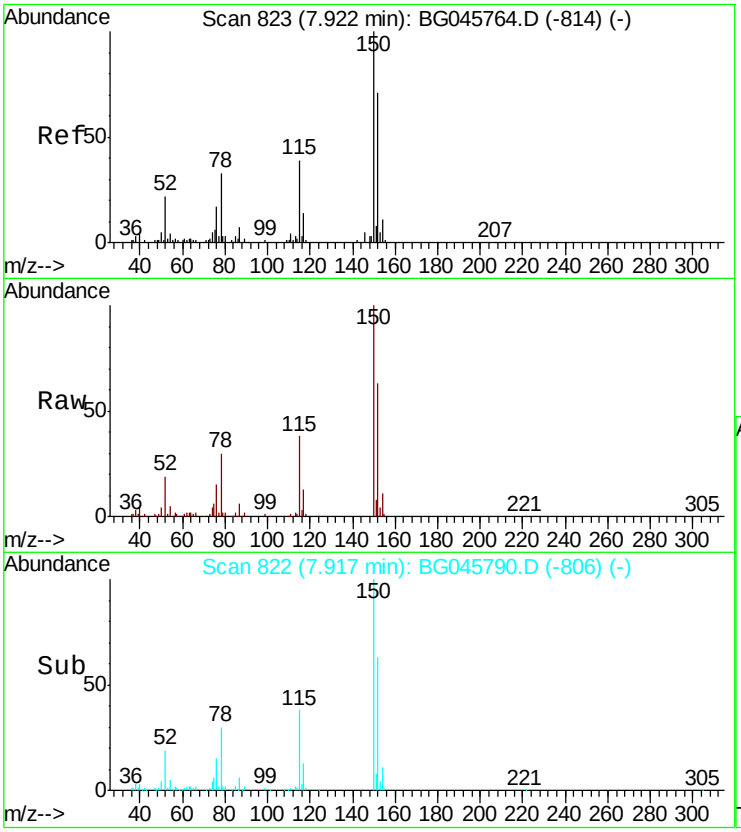


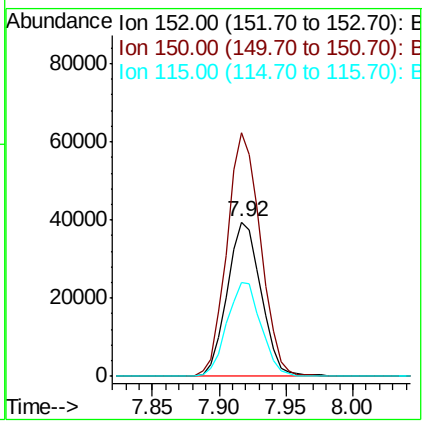


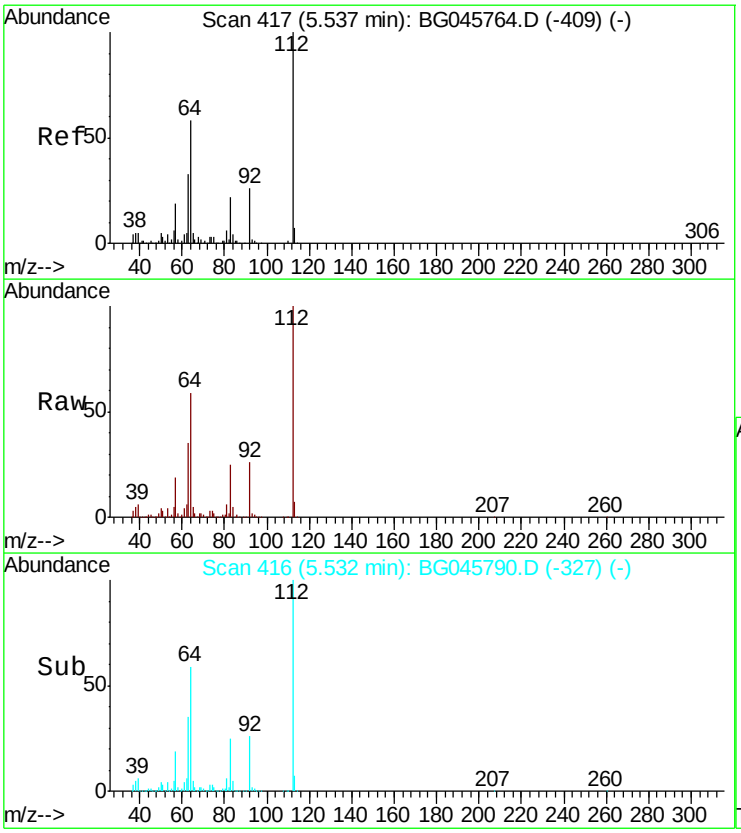
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tgt Ion:152 Resp: 69559

Ion	Ratio	Lower	Upper
152	100		
150	157.8	113.1	169.7
115	60.4	43.8	65.6

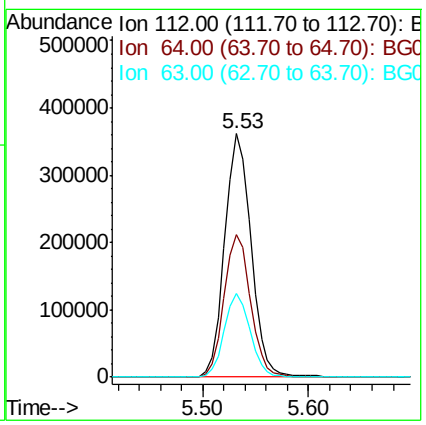


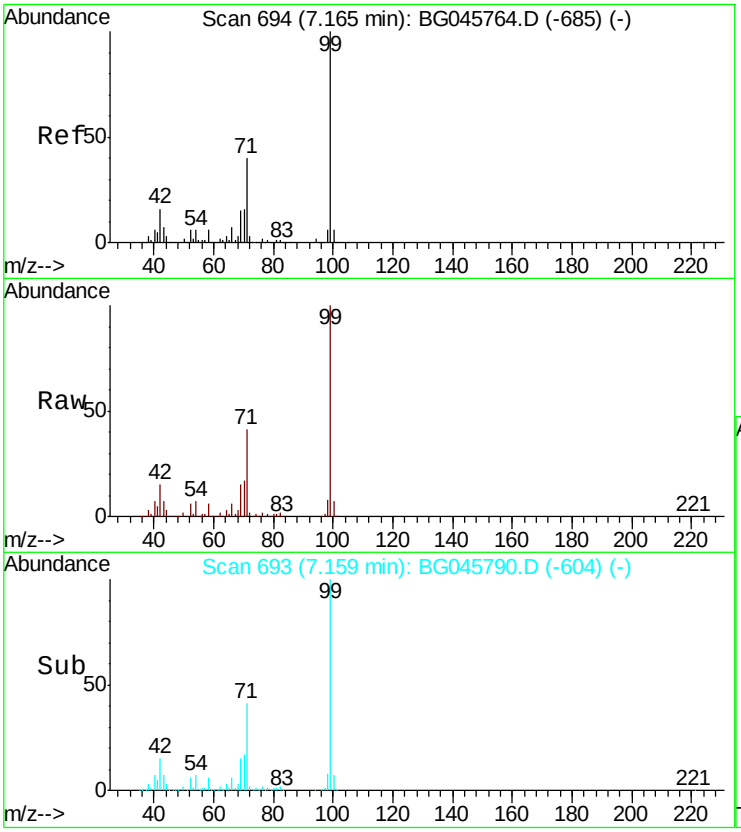


#5
2-Fluorophenol
Concen: 151.526 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion:112 Resp: 623951

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.6	69.8
63	34.6	26.3	39.5



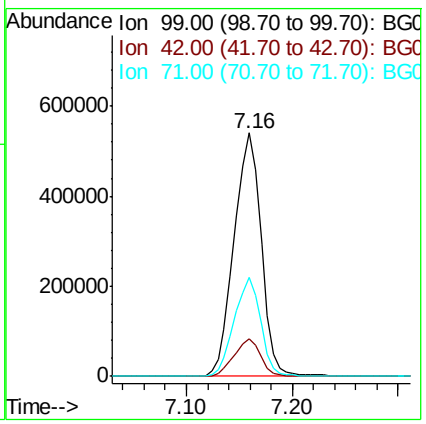


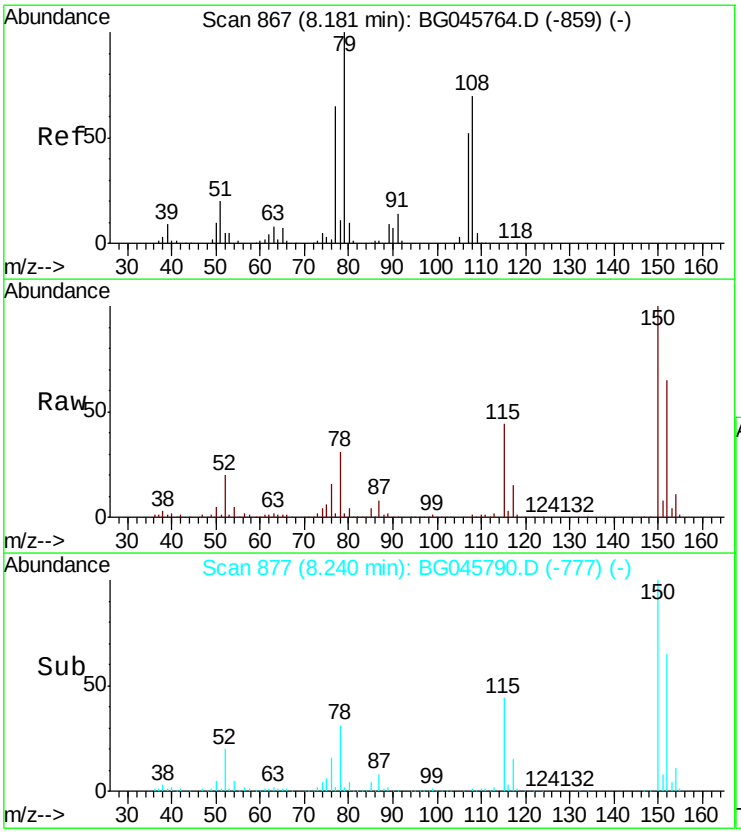
#7
Phenol-d6
Concen: 154.181 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tgt Ion: 99 Resp: 965712

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.4	18.6
71	40.7	32.1	48.1

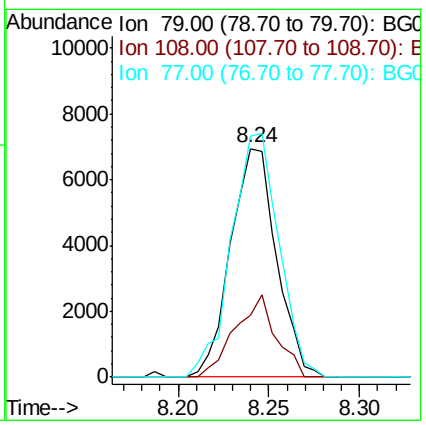


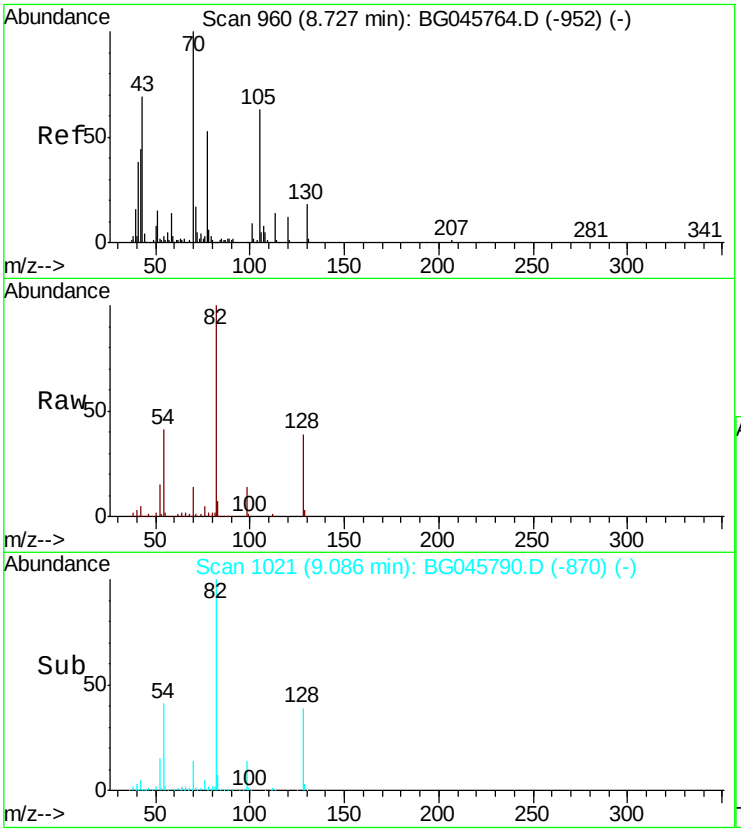


#15
Benzyl Alcohol
Concen: 2.522 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.06 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion: 79 Resp: 12225

Ion	Ratio	Lower	Upper
79	100		
108	26.8	56.2	84.4#
77	105.4	52.2	78.2#



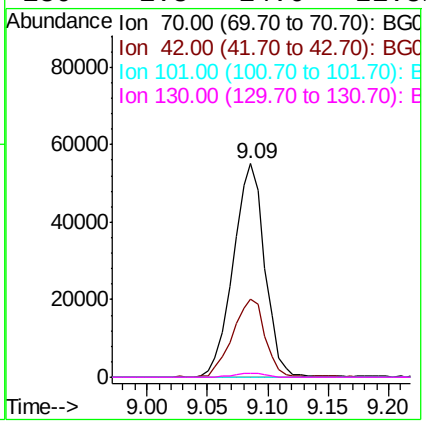


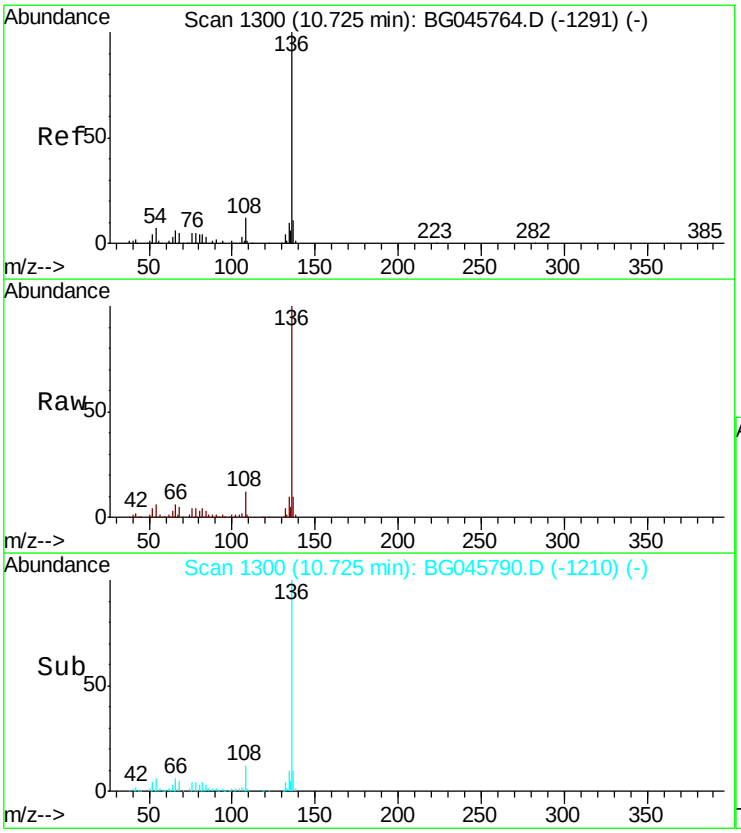
#19
n-Nitroso-di-n-propylamine
Concen: 24.408 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tgt Ion: 70 Resp: 100510

Ion	Ratio	Lower	Upper
70	100		
42	36.7	35.1	52.7
101	0.0	7.4	11.0#
130	1.8	14.6	21.8#

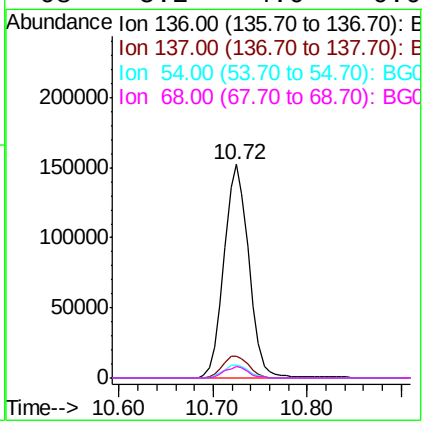


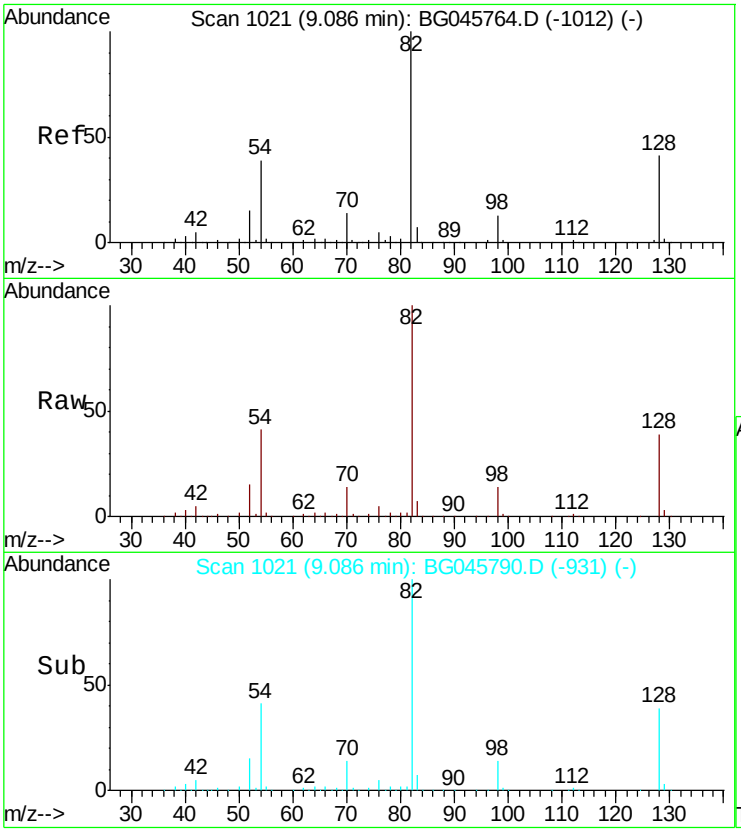


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion:136 Resp: 279392

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.3	5.8	8.6
68	5.2	4.0	6.0



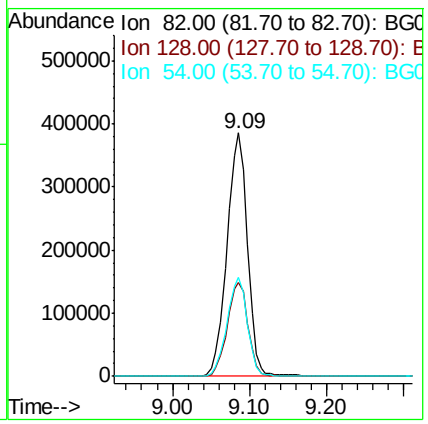


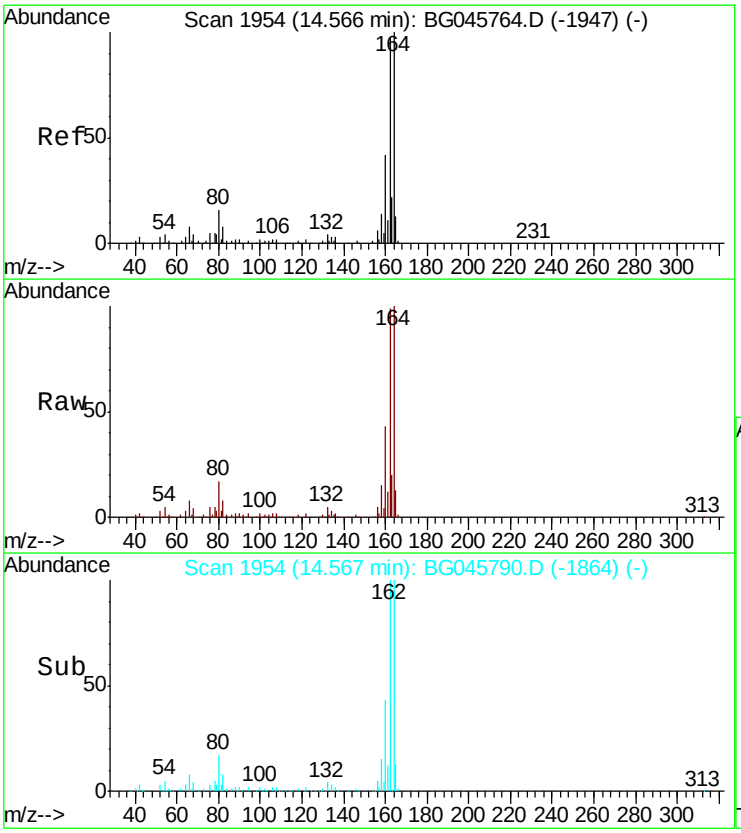
#23
Nitrobenzene-d5
Concen: 116.976 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tgt Ion: 82 Resp: 715404

Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.5	48.7
54	40.6	31.2	46.8

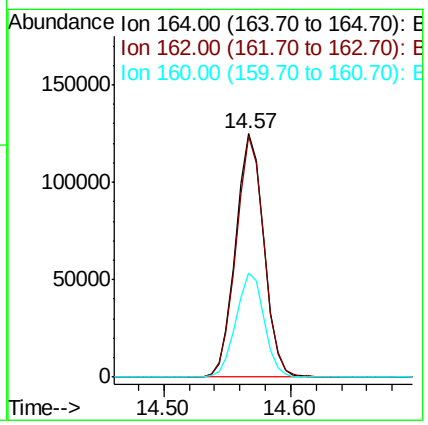


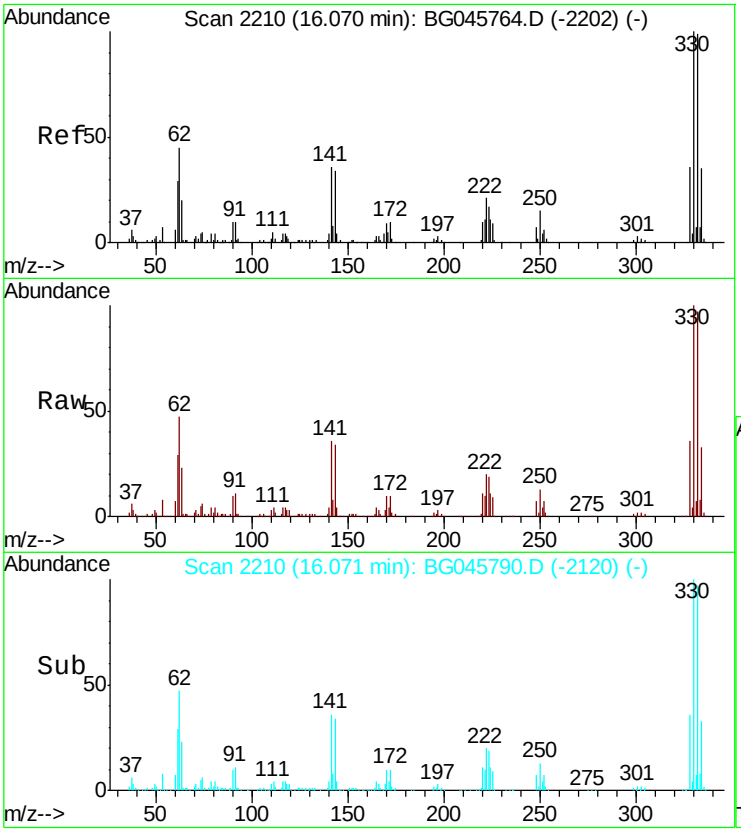


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion:164 Resp: 191707

Ion	Ratio	Lower	Upper
164	100		
162	99.0	77.4	116.0
160	42.5	33.3	49.9



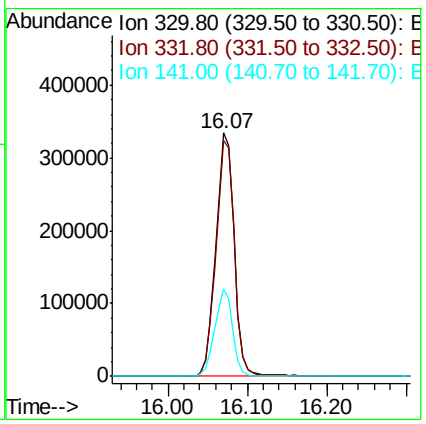


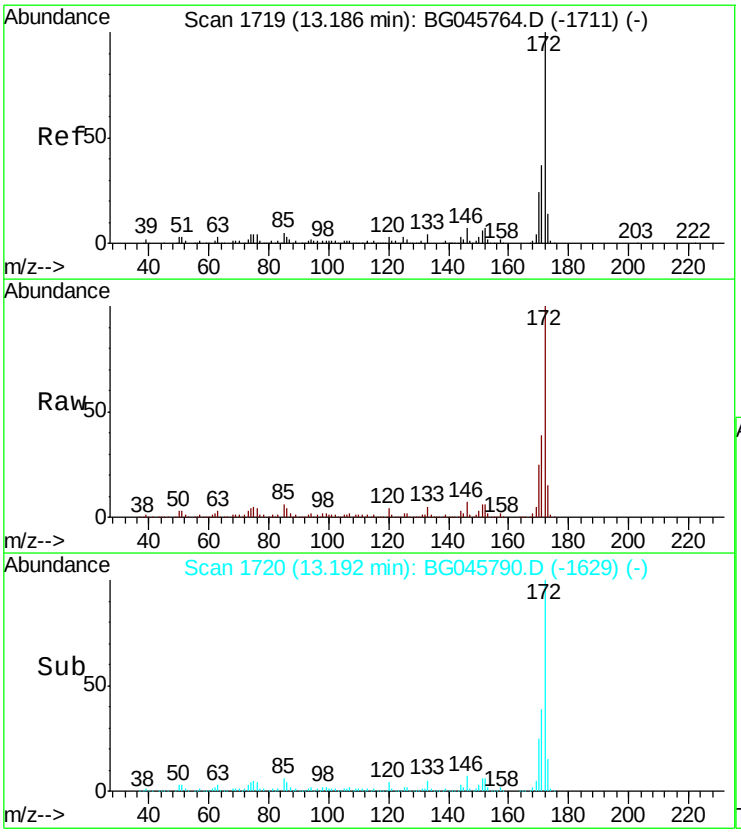
#42
2,4,6-Tribromophenol
Concen: 184.609 ng
RT: 16.07 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tgt Ion:330 Resp: 534310

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.6	117.8
141	34.8	28.2	42.4

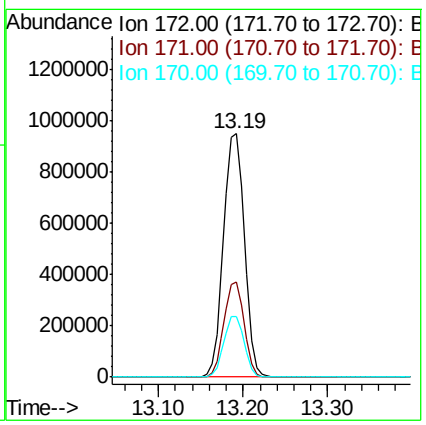


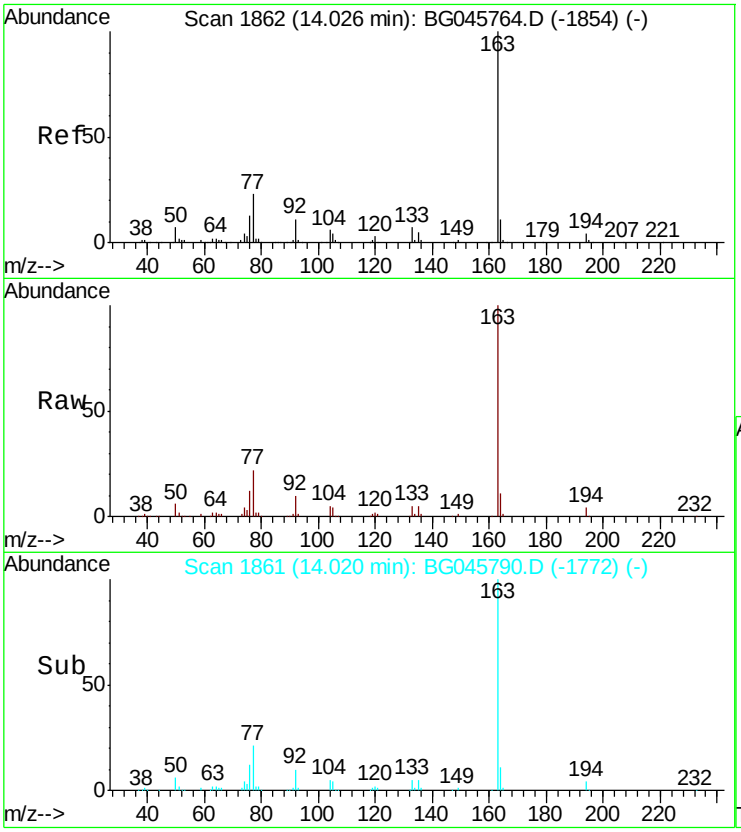


#45
2-Fluorobiphenyl
Concen: 124.719 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion:172 Resp: 1626988

Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.9	44.9
170	25.1	19.3	28.9



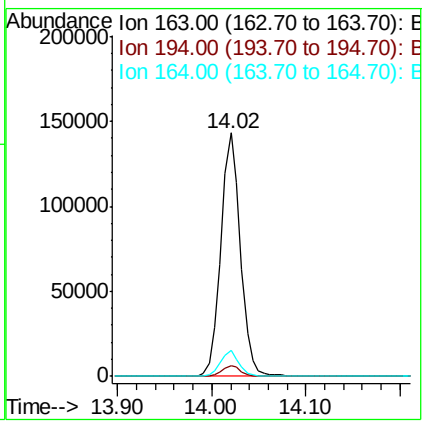


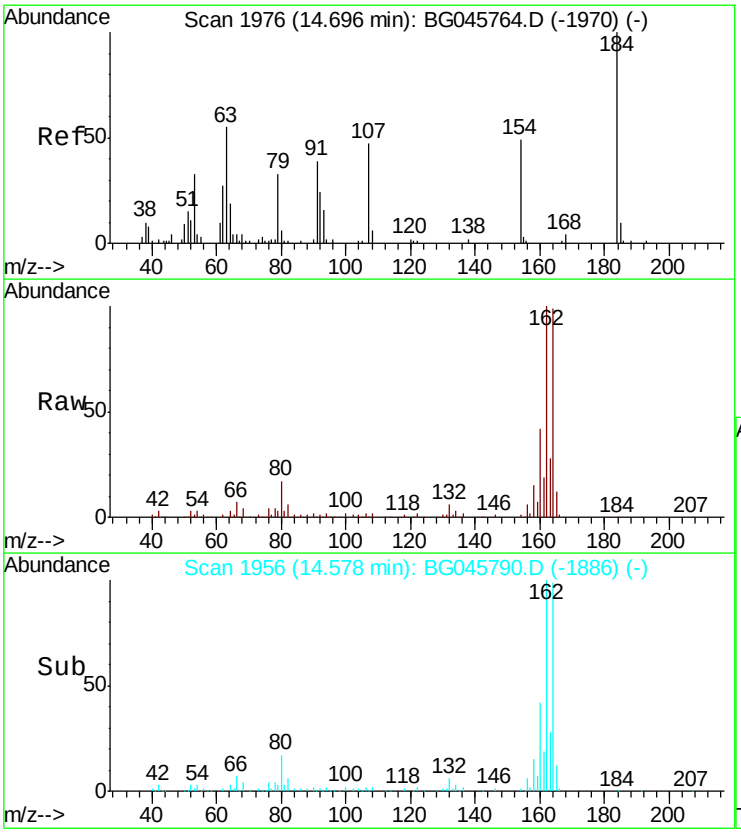
#50
Dimethylphthalate
Concen: 13.803 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tgt Ion:163 Resp: 207302

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.5	8.9	13.3

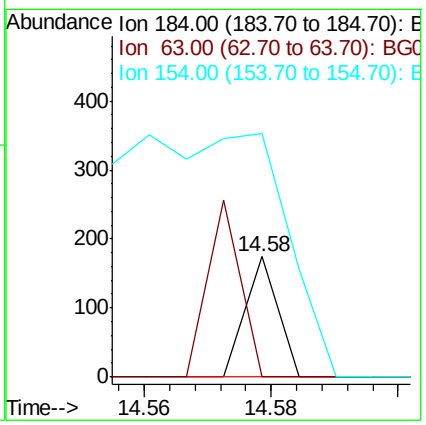


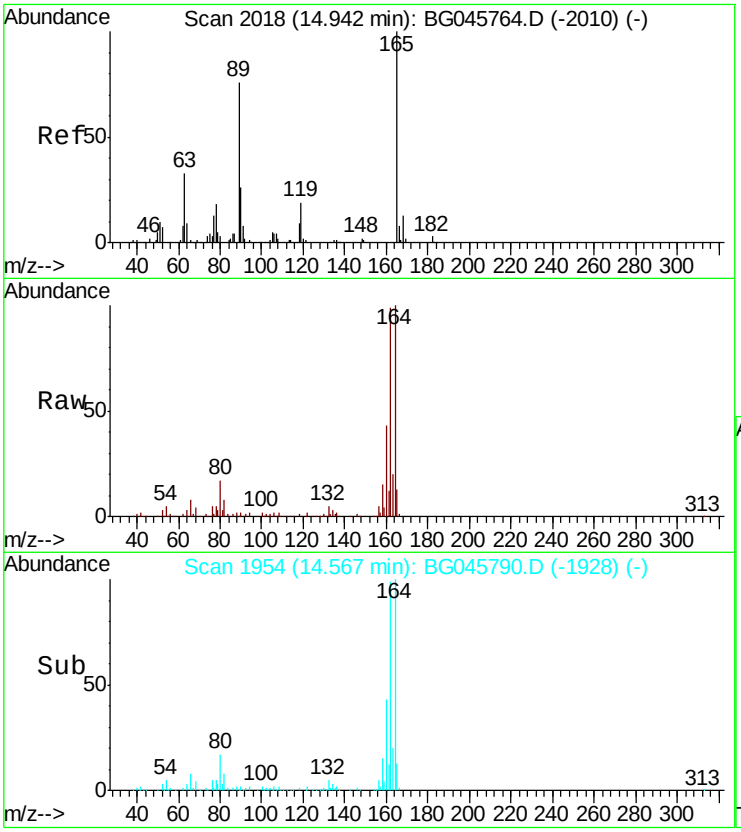


#54
2,4-Dinitrophenol
Concen: 9.854 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.12 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion:184 Resp: 61

Ion	Ratio	Lower	Upper
184	100		
63	0.0	46.6	70.0#
154	202.9	58.6	87.8#



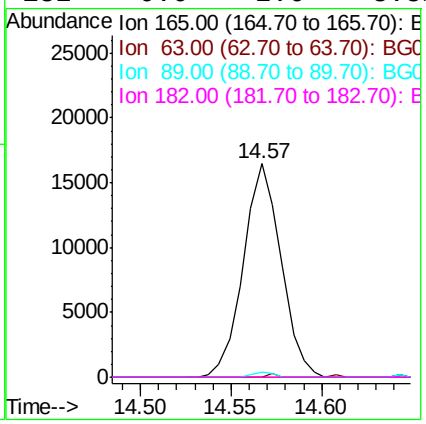


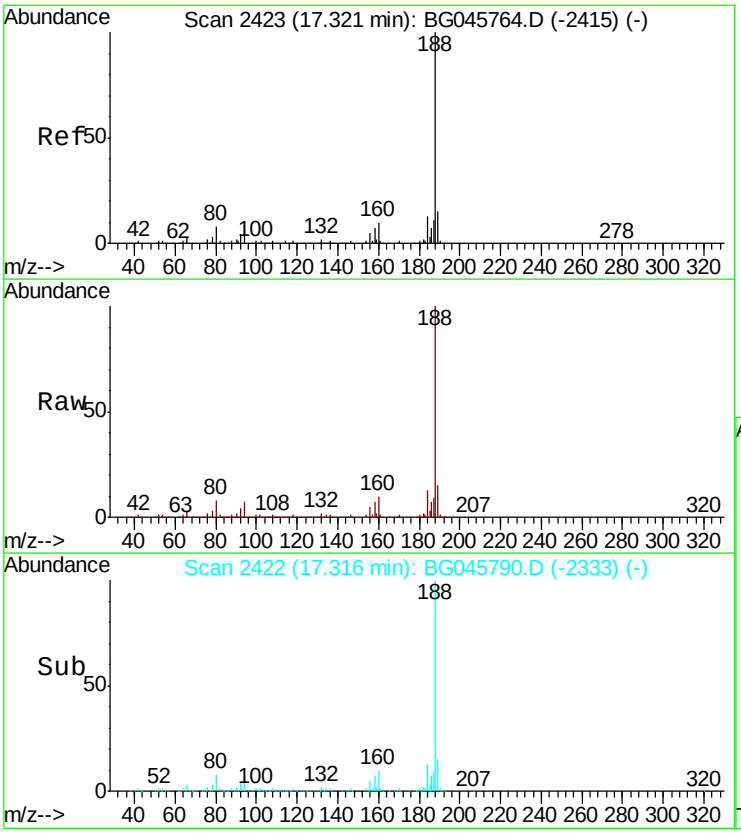
#57
2,4-Dinitrotoluene
Concen: 4.923 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tgt Ion:165 Resp: 23791

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	2.7	60.4	90.6#
182	0.0	2.6	3.8#

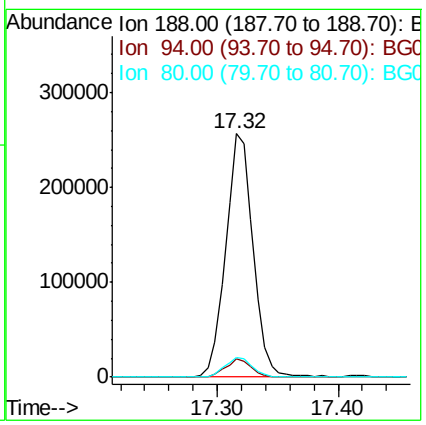


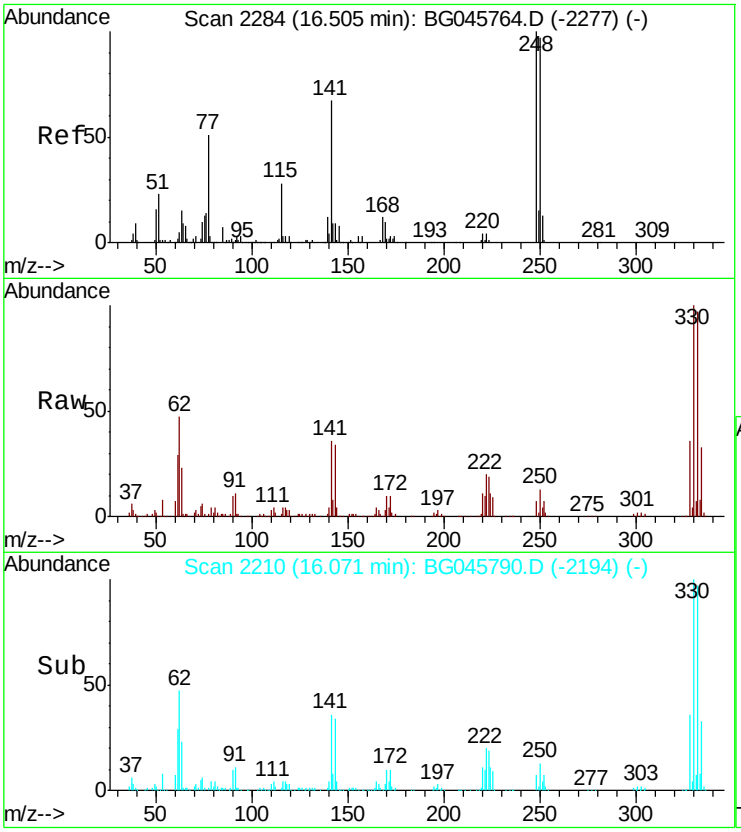


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion:188 Resp: 401588

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.1	7.7
80	8.1	6.2	9.4



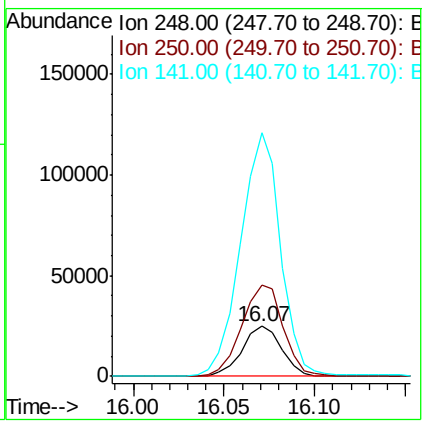


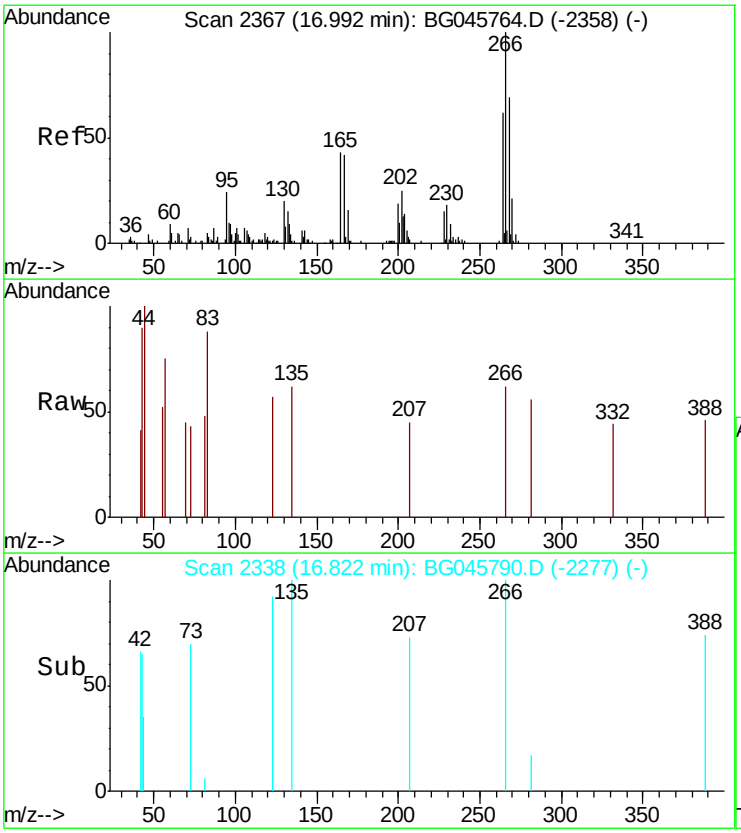
#67
4-Bromophenyl-phenylether
Concen: 7.183 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.43 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tgt Ion:248 Resp: 37483

Ion	Ratio	Lower	Upper
248	100		
250	180.9	78.0	117.0#
141	484.9	53.9	80.9#

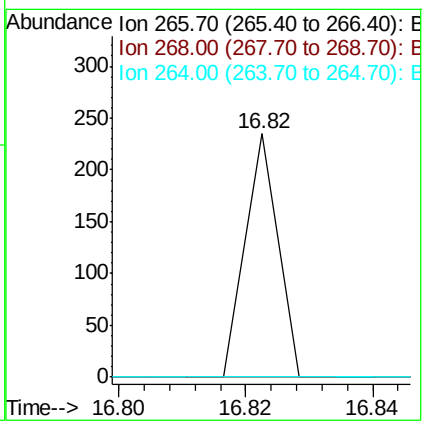


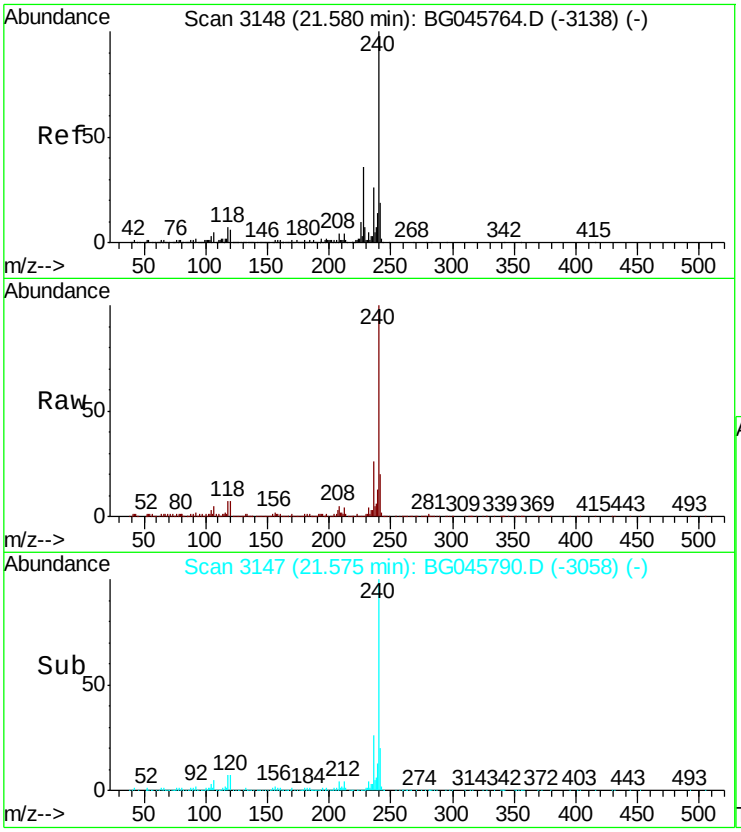


#70
Pentachlorophenol
Concen: 7.661 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.17 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion:266 Resp: 83

Ion	Ratio	Lower	Upper
266	100		
268	0.0	55.4	83.0#
264	0.0	49.8	74.6#



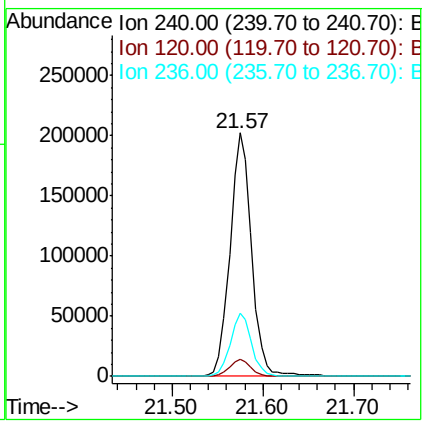


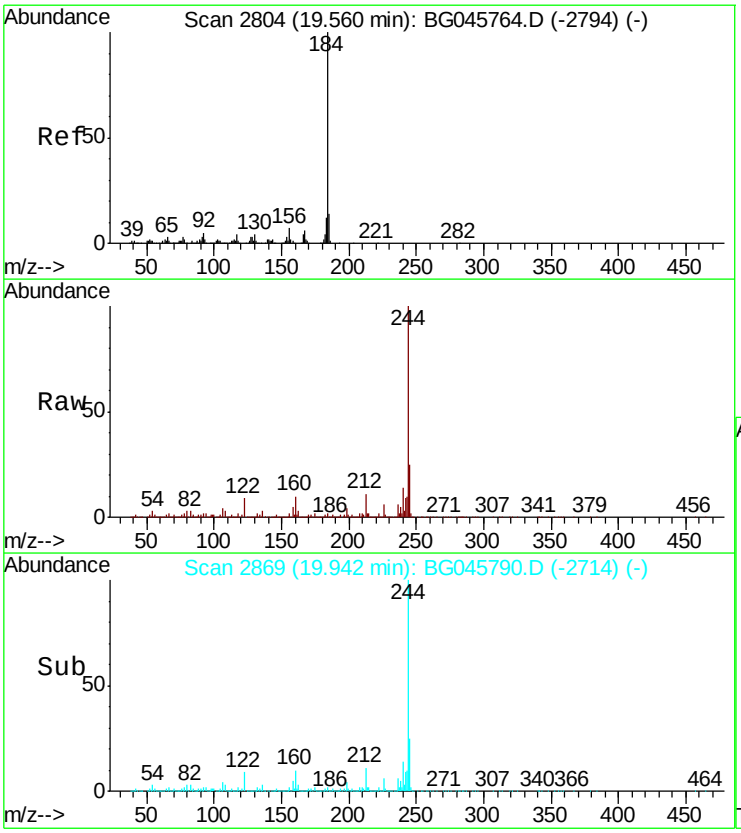
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tgt Ion:240 Resp: 335243

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.0	7.4
236	26.1	20.6	30.8

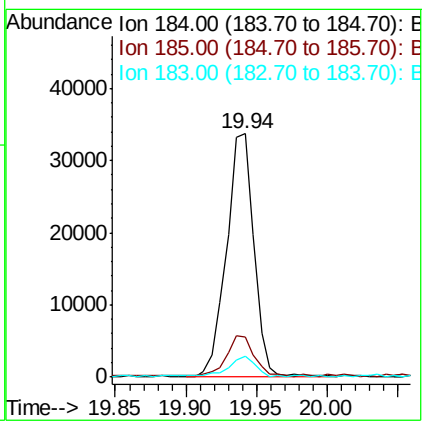


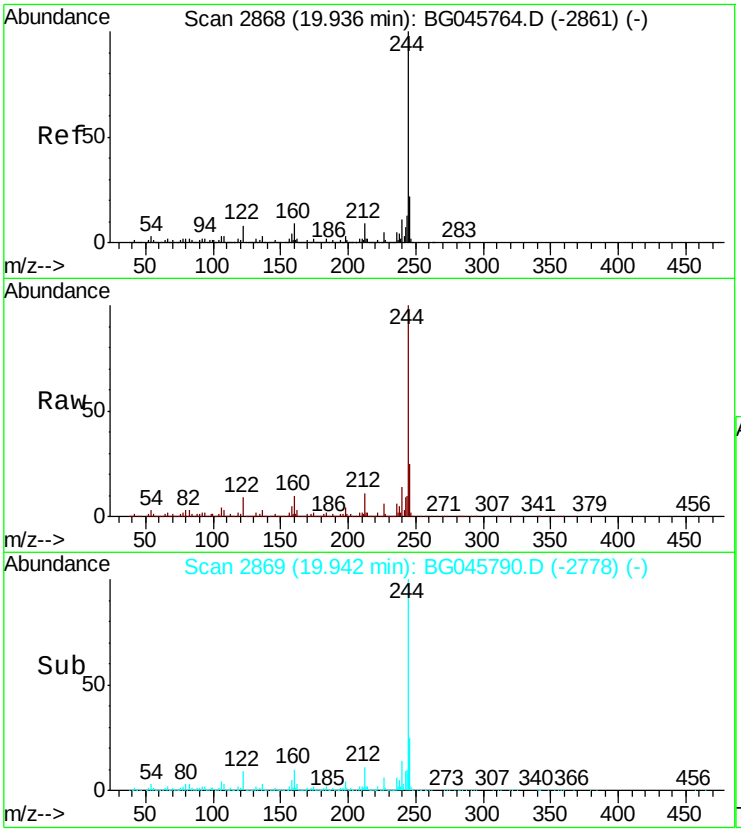


#77
Benzidine
Concen: 5.272 ng
RT: 19.94 min Scan# 2869
Delta R.T. 0.38 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion:184 Resp: 45944

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.1	16.7#
183	8.7	9.7	14.5#



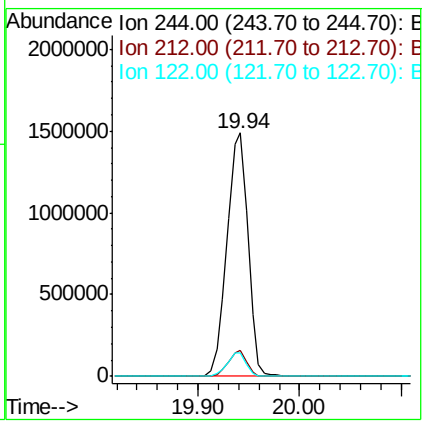


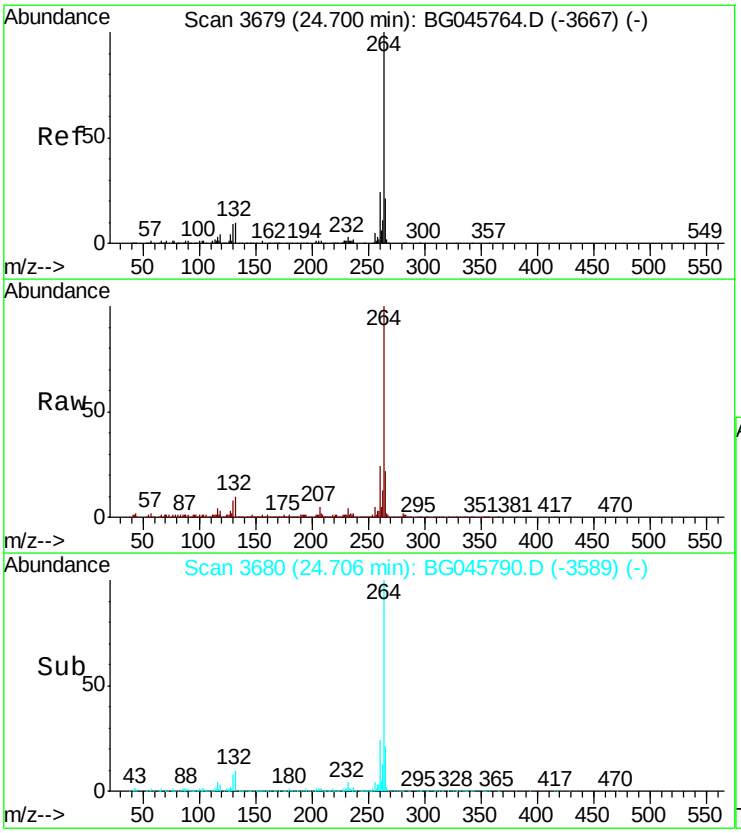
#79
Terphenyl-d14
Concen: 129.523 ng
RT: 19.94 min Scan# 2869
Delta R.T. 0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tgt Ion:244 Resp: 2142585

Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.2	10.8
122	9.4	6.4	9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion:264 Resp: 359312

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.6	17.4	26.0