Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045773.D
Acq On : 16 Jun 2020 15:21
Operator : CG/JU
Sample : PB129573BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129573BL

Quant Time: Jun 16 17:22:16 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	50777	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	200161	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	144900	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	343841	20.00	ng	0.00
76) Chrysene-d12	21.57	240	335886	20.00	ng	0.00
86) Perylene-d12	24.70	264	351007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	403478	134.23	ng	0.00
7) Phenol-d6	7.16	99	553634	121.09	ng	0.00
23) Nitrobenzene-d5	9.08	82	386391	88.19	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	296931	135.73	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	917051	93.01	ng	0.00
79) Terphenyl-d14	19.94	244	1671030	100.82	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.24	79	7743	2.188	ng	# 46
19) n-Nitroso-di-n-propylamine	9.08	70	55532	18.474	ng	# 80
41) Hexachlorocyclopentadiene	13.19	237	128	8.462	ng	# 27
51) 2,6-Dinitrotoluene	14.57	165	19084	7.485	ng	# 24
57) 2,4-Dinitrotoluene	14.57	165	19084	5.224	ng	# 23
67) 4-Bromophenyl-phenylether	16.07	248	20428	4.572	ng	# 1
77) Benzidine	19.94	184	33007	3.780	ng	# 88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
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Acq On : 16 Jun 2020 15:21
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Sample : PB129573BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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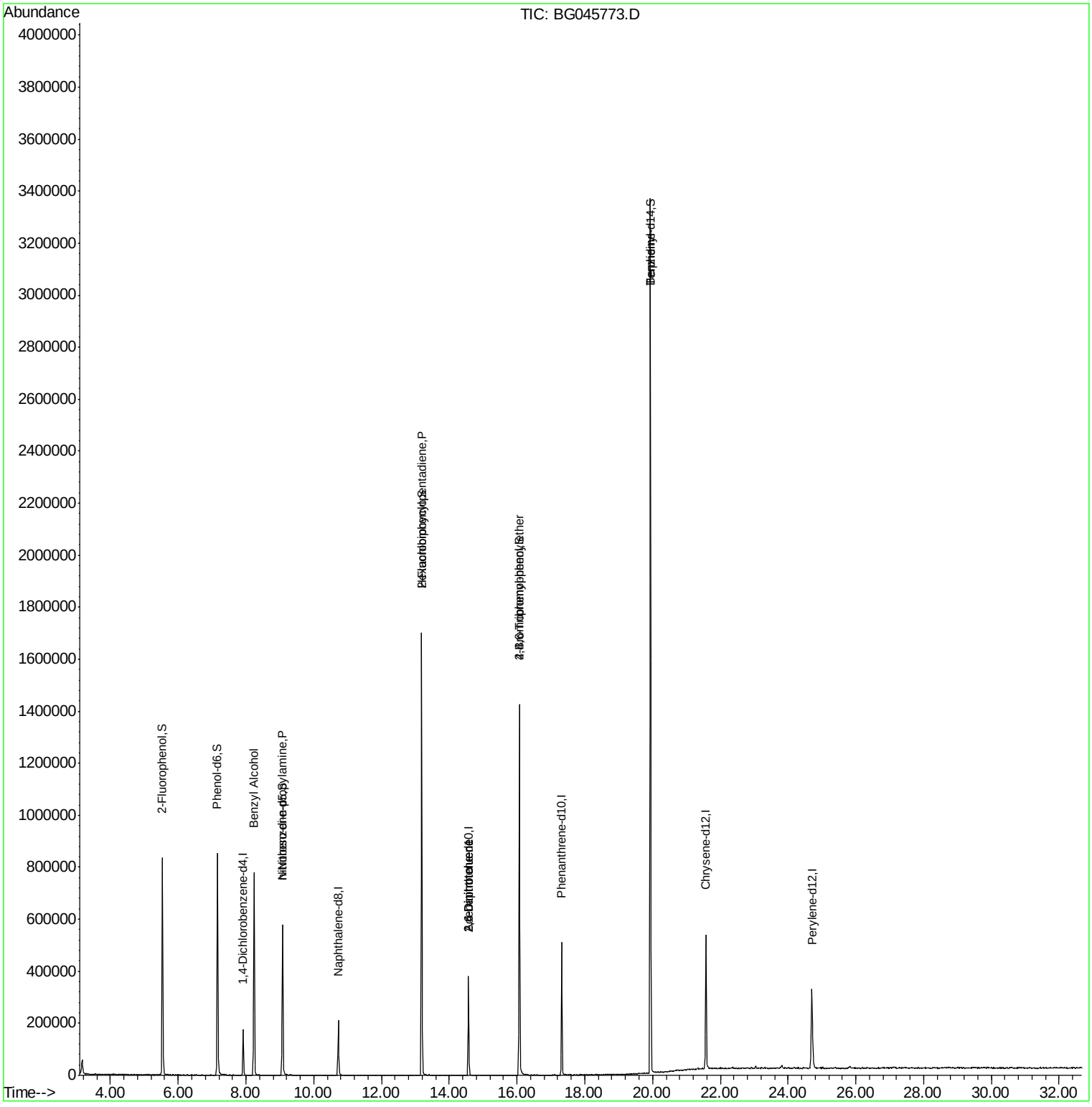
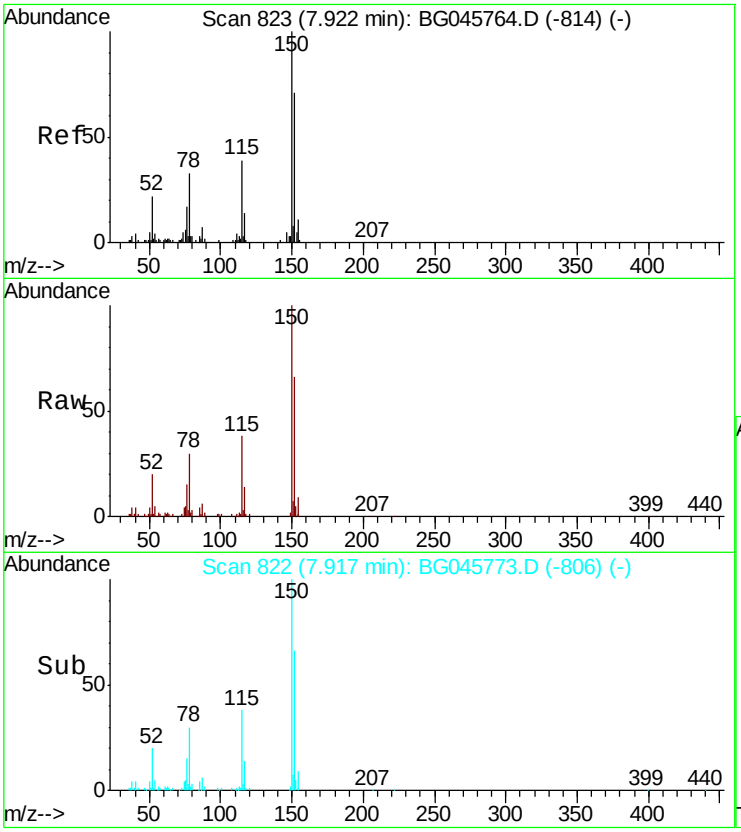


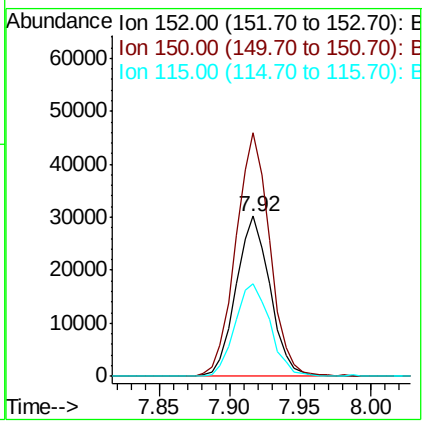


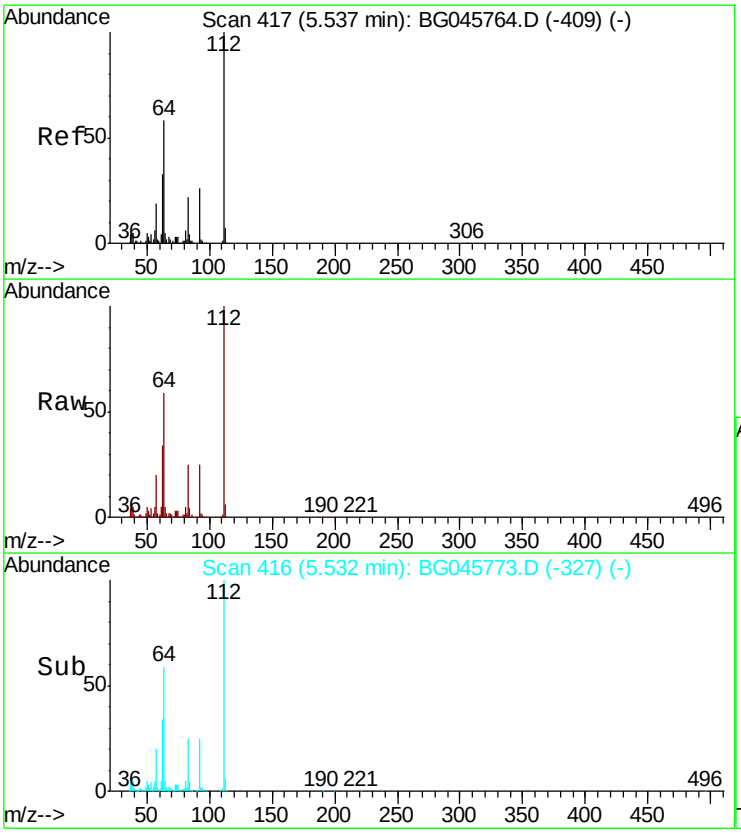
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tgt Ion:152 Resp: 50777

Ion	Ratio	Lower	Upper
152	100		
150	152.1	113.1	169.7
115	57.6	43.8	65.6

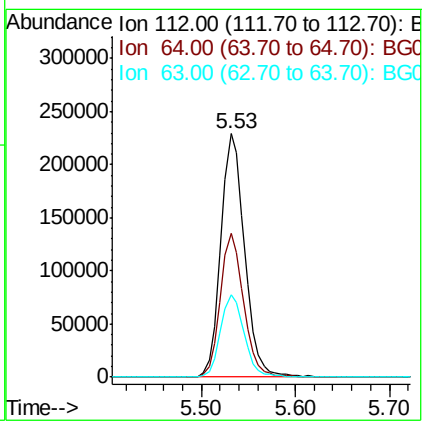


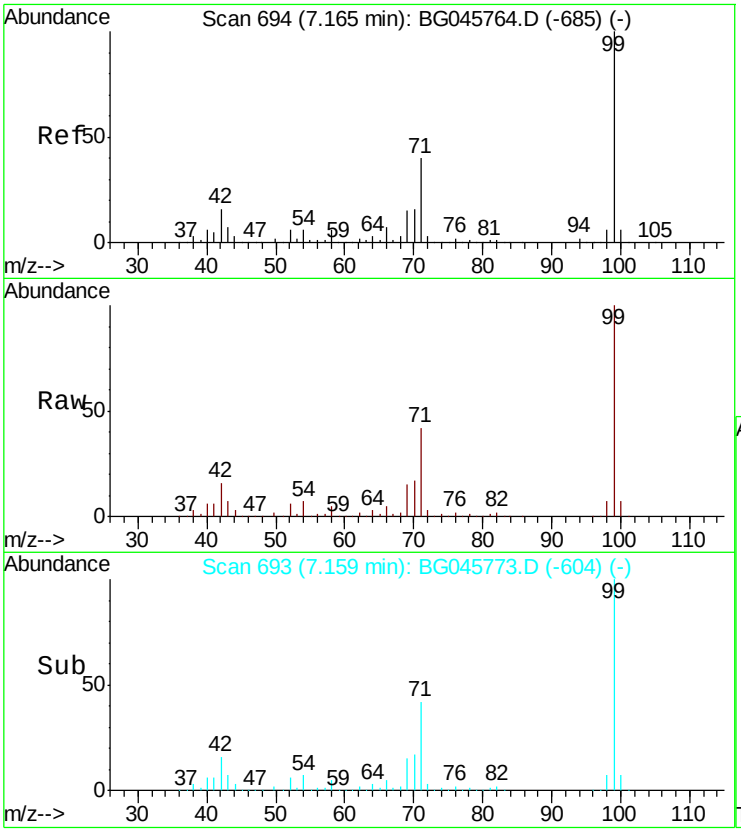


#5
2-Fluorophenol
Concen: 134.228 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion:112 Resp: 403478

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.6	69.8
63	33.9	26.3	39.5



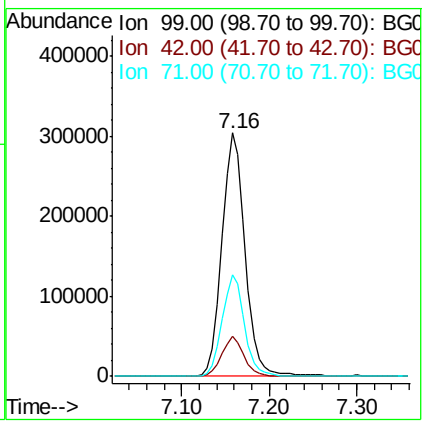


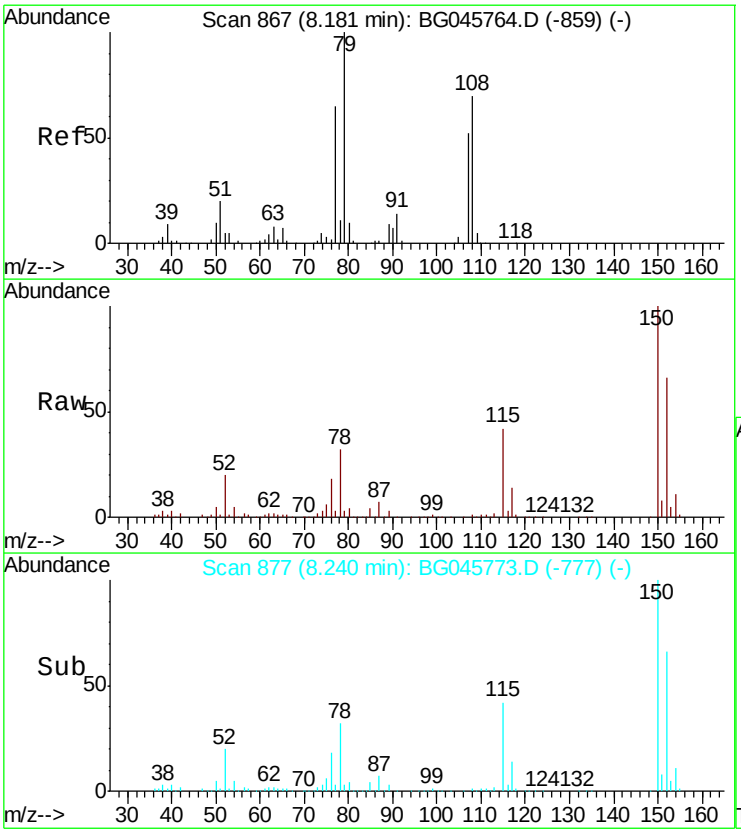
#7
Phenol-d6
Concen: 121.085 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tgt Ion: 99 Resp: 553634

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.4	18.6
71	41.6	32.1	48.1

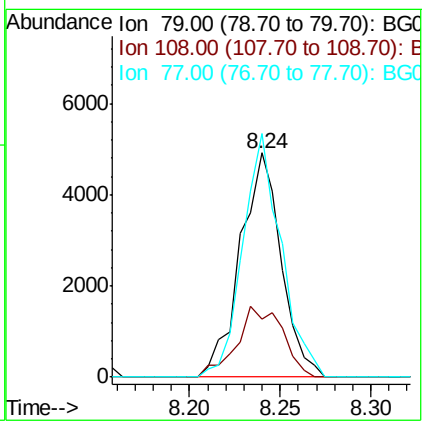


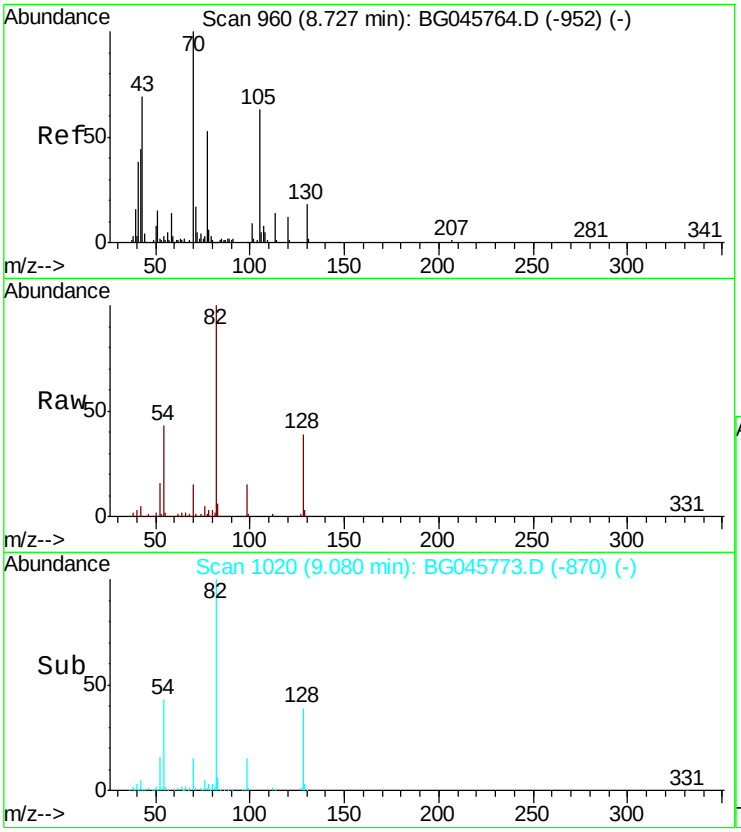


#15
Benzyl Alcohol
Concen: 2.188 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.06 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion: 79 Resp: 7743

Ion	Ratio	Lower	Upper
79	100		
108	26.1	56.2	84.4#
77	108.7	52.2	78.2#



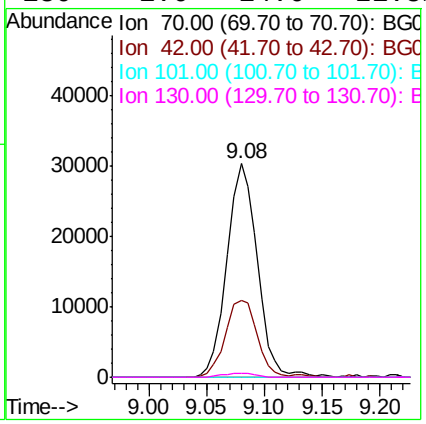


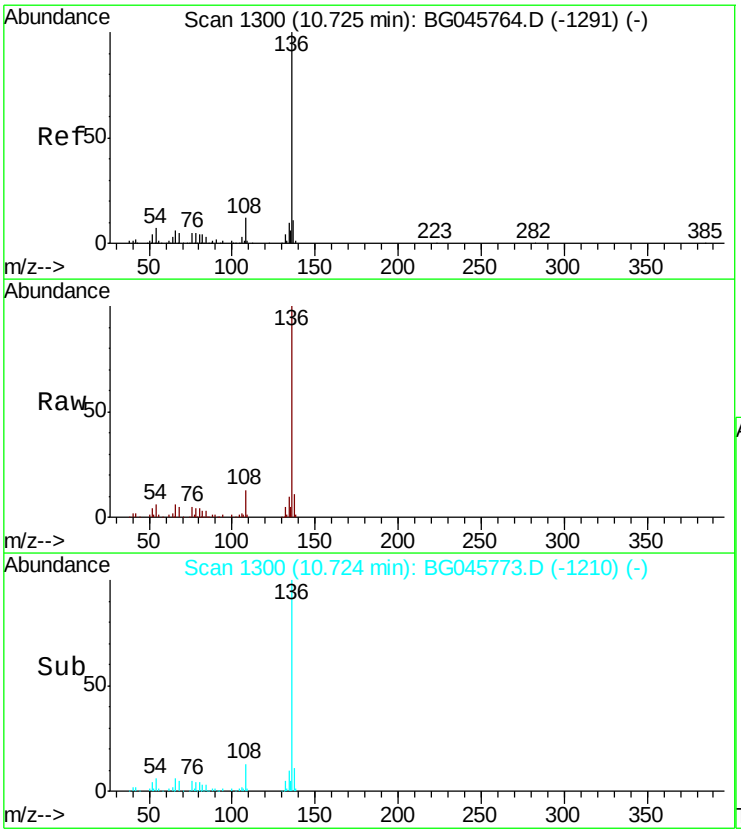
#19
n-Nitroso-di-n-propylamine
Concen: 18.474 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tgt Ion: 70 Resp: 55532

Ion	Ratio	Lower	Upper
70	100		
42	36.0	35.1	52.7
101	0.0	7.4	11.0#
130	1.6	14.6	21.8#

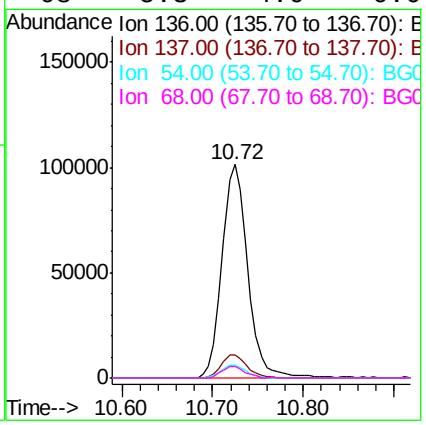


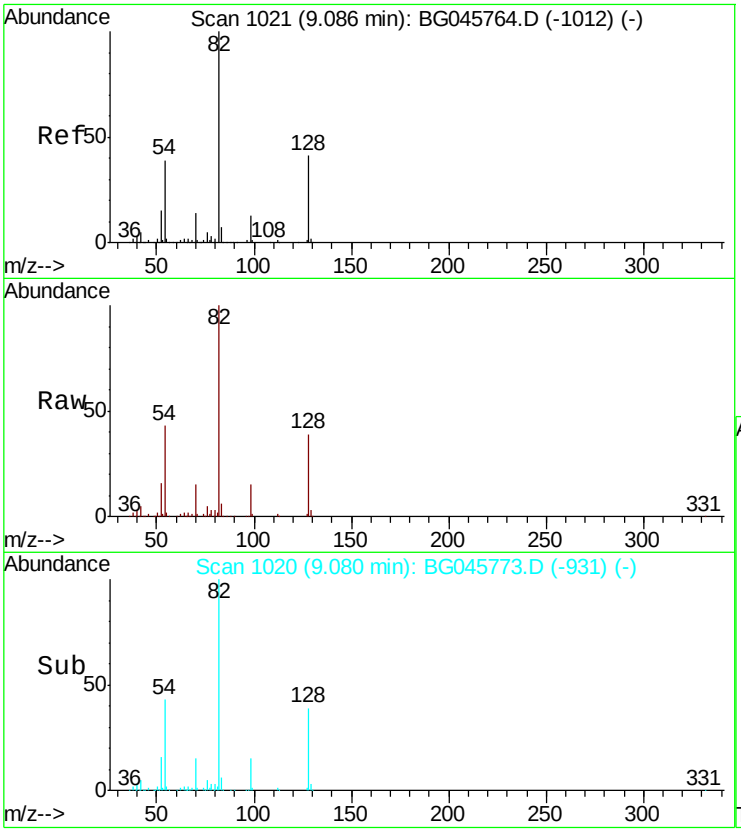


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion:136 Resp: 200161

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.0	5.8	8.6
68	5.3	4.0	6.0



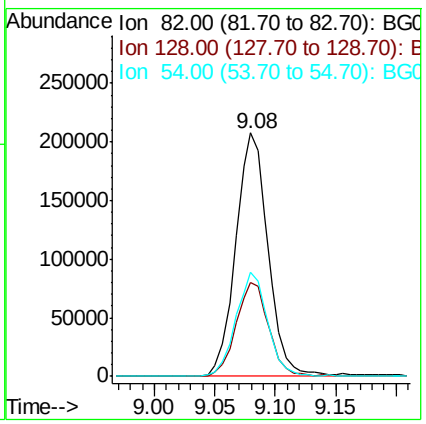


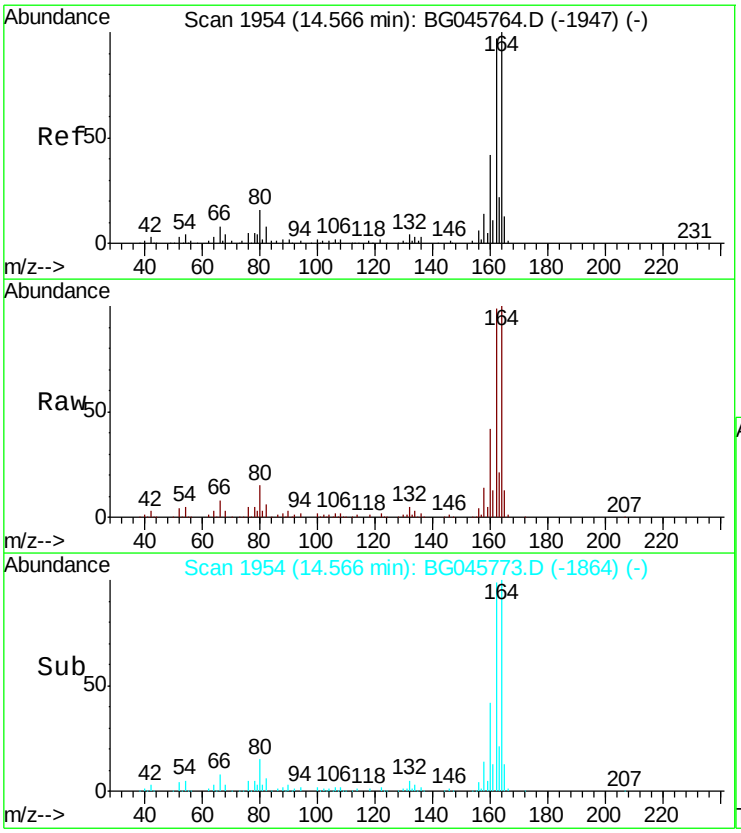
#23
Nitrobenzene-d5
Concen: 88.187 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tgt Ion: 82 Resp: 386391

Ion	Ratio	Lower	Upper
82	100		
128	38.6	32.5	48.7
54	42.6	31.2	46.8

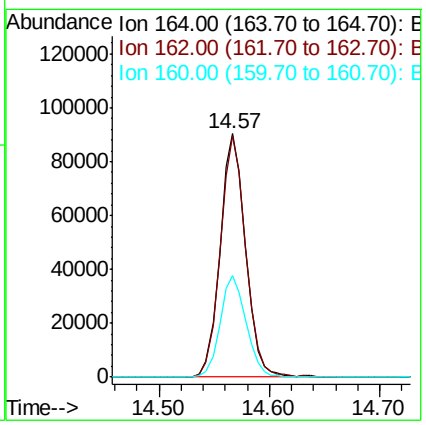


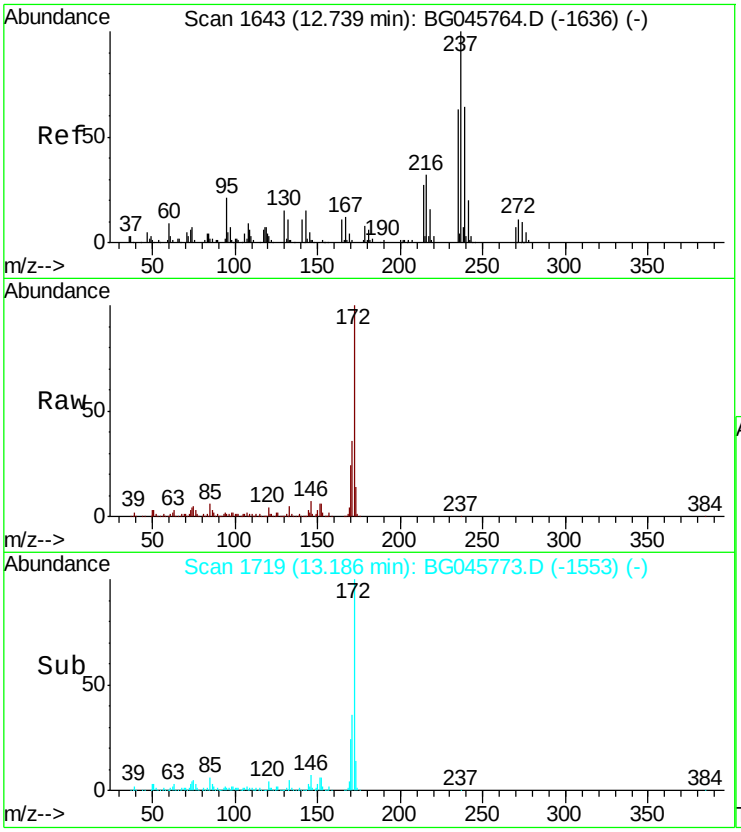


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion:164 Resp: 144900

Ion	Ratio	Lower	Upper
164	100		
162	99.1	77.4	116.0
160	41.5	33.3	49.9



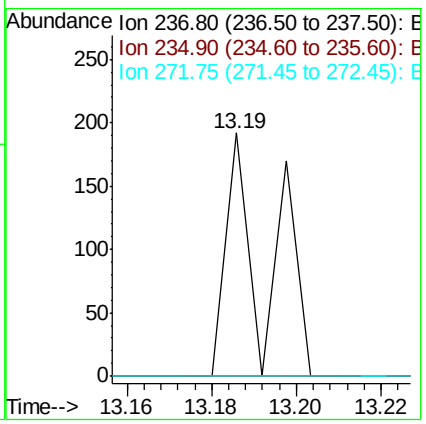


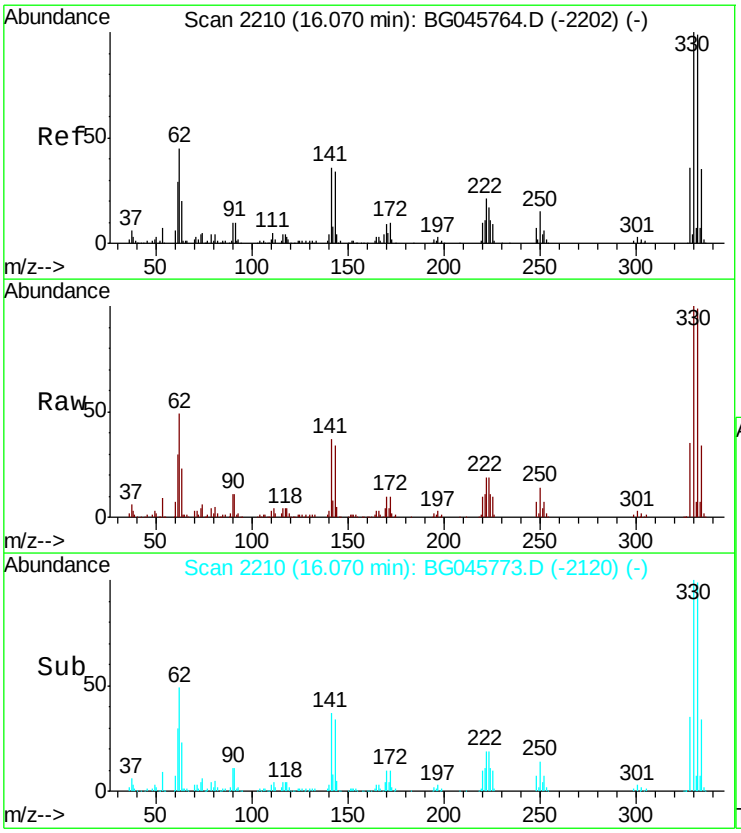
#41
Hexachlorocyclopentadiene
Concen: 8.462 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.45 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tgt Ion:237 Resp: 128

Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.9	82.9#
272	0.0	0.0	30.9

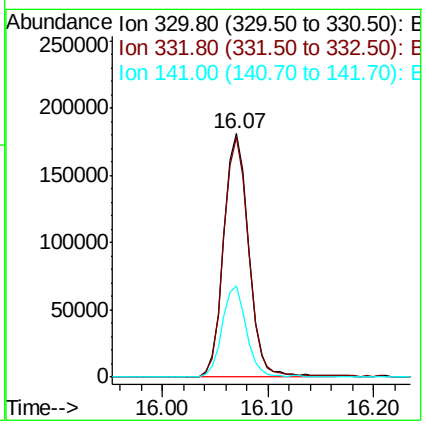


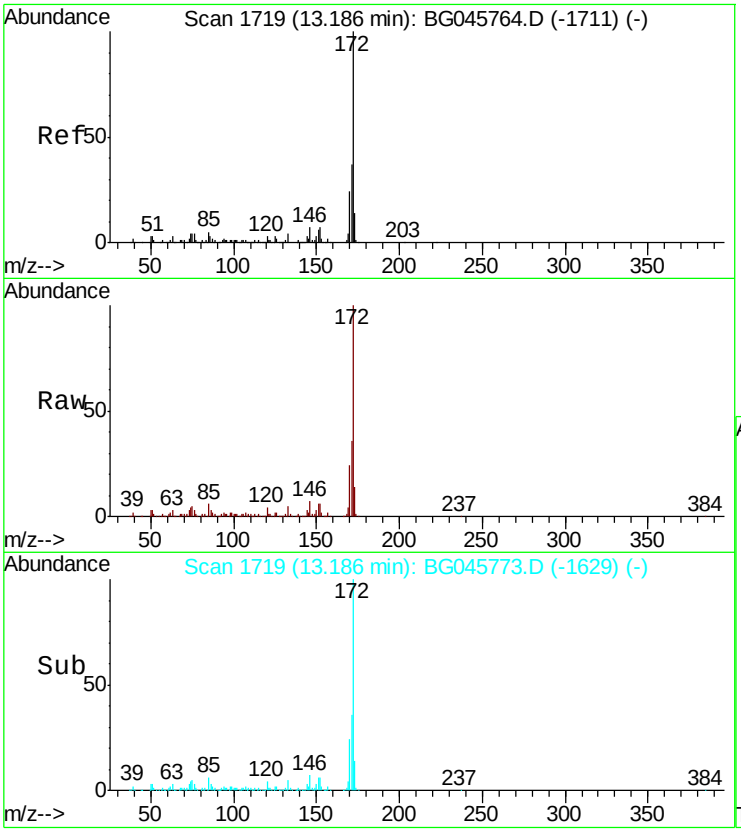


#42
2,4,6-Tribromophenol
Concen: 135.733 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion:330 Resp: 296931

Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.6	117.8
141	36.6	28.2	42.4



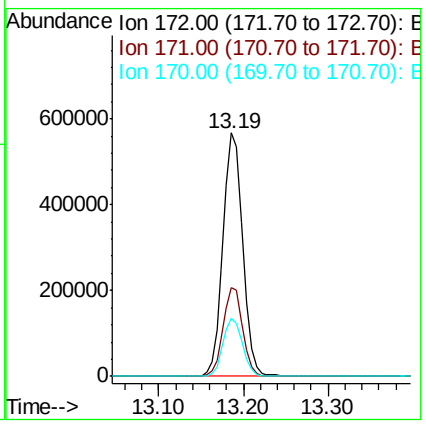


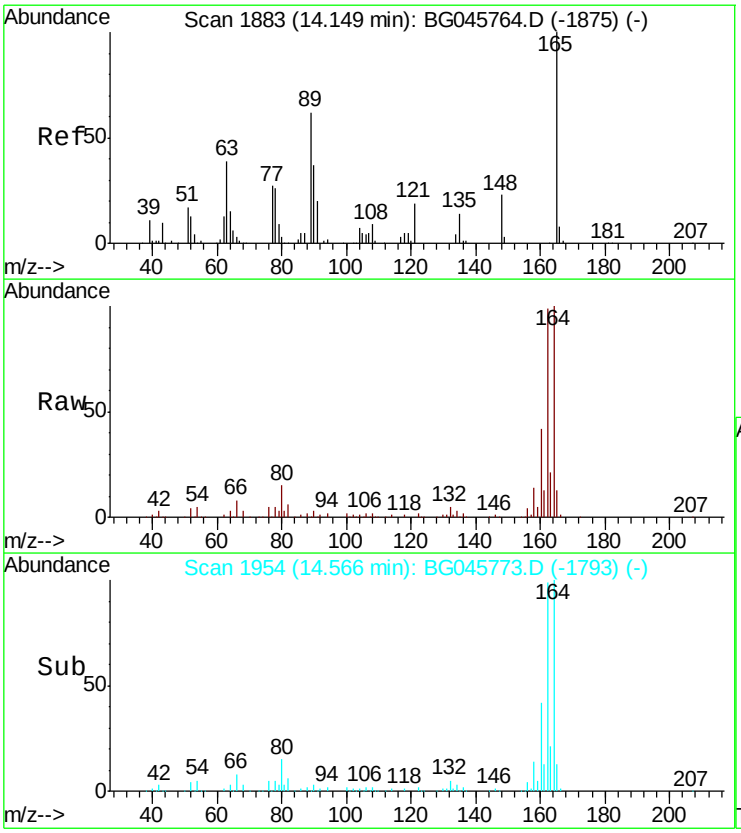
#45
2-Fluorobiphenyl
Concen: 93.006 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tgt Ion:172 Resp: 917051

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	23.8	19.3	28.9

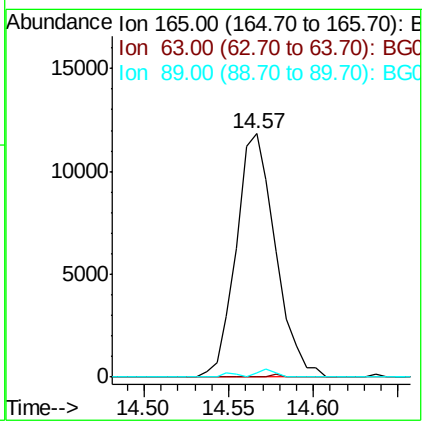


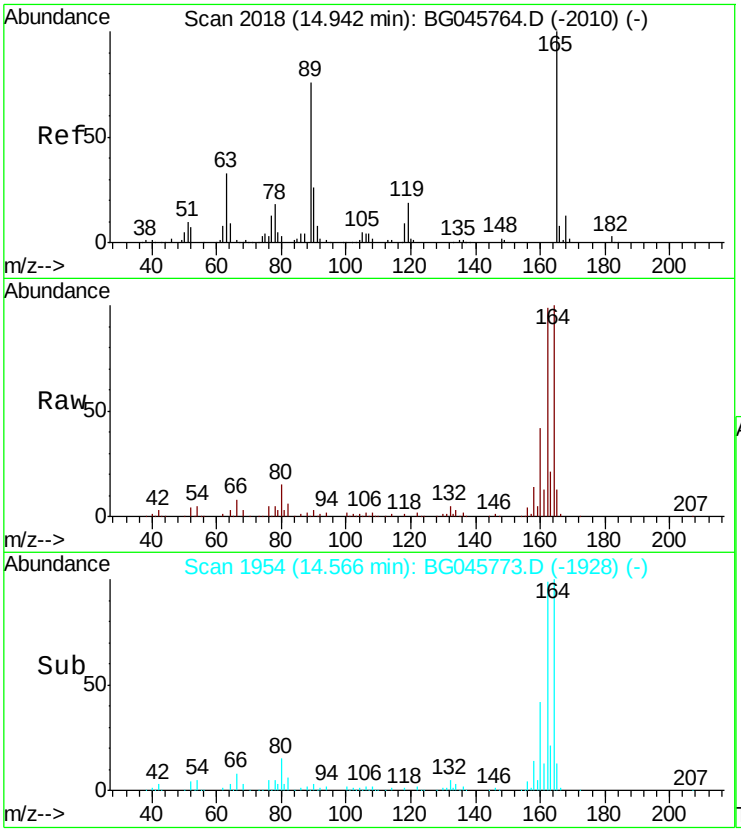


#51
2,6-Dinitrotoluene
Concen: 7.485 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.42 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion:165 Resp: 19084

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.2	61.8#
89	1.9	49.7	74.5#



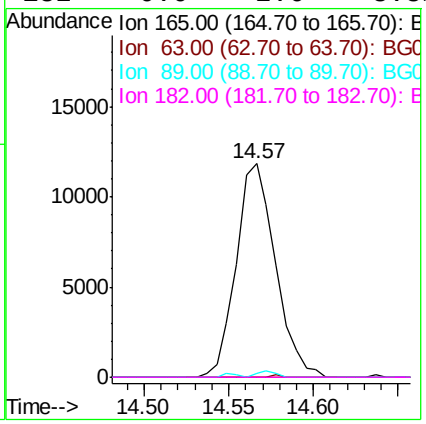


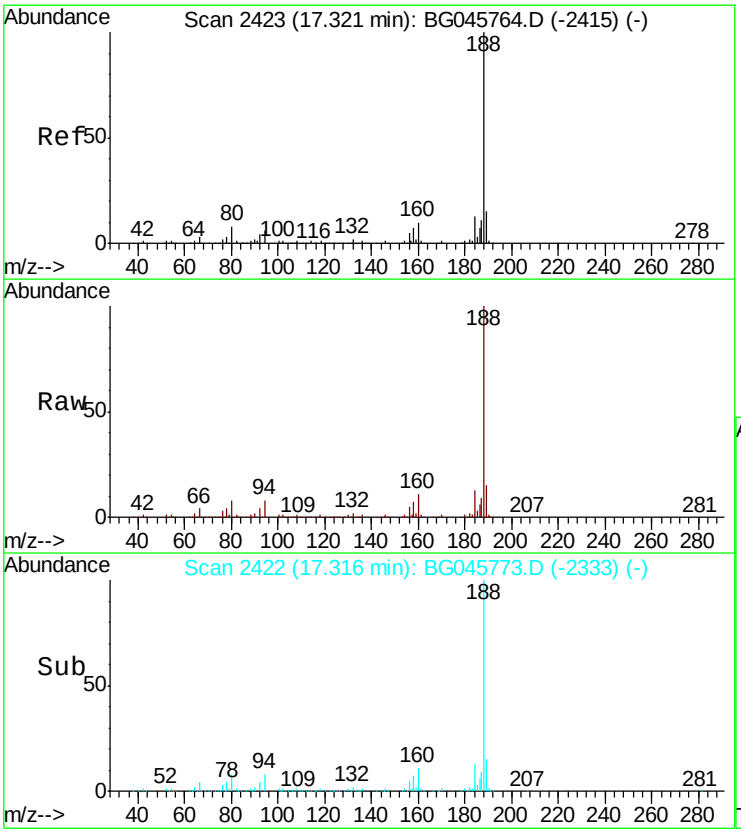
#57
2,4-Dinitrotoluene
Concen: 5.224 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tgt Ion:165 Resp: 19084

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	1.9	60.4	90.6#
182	0.0	2.6	3.8#

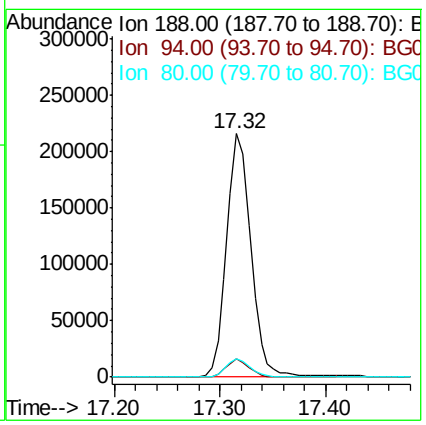


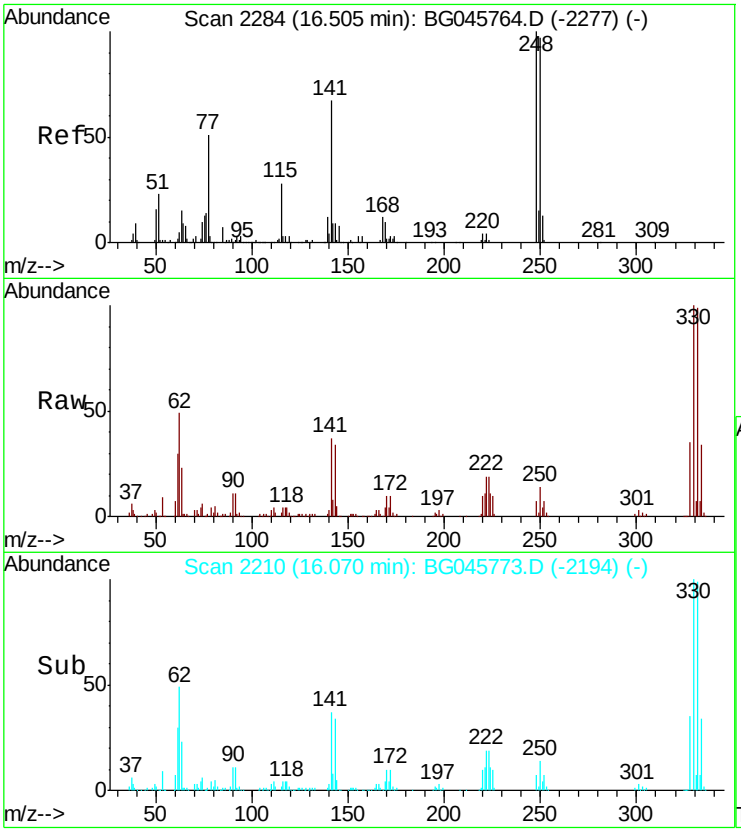


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion:188 Resp: 343841

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



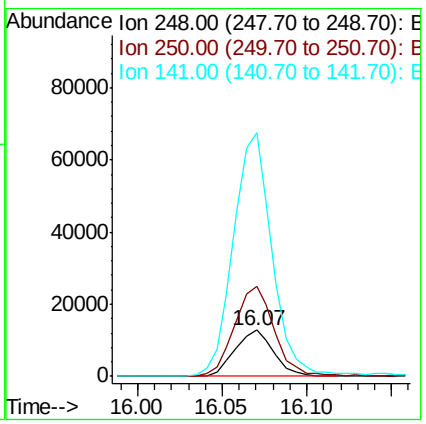


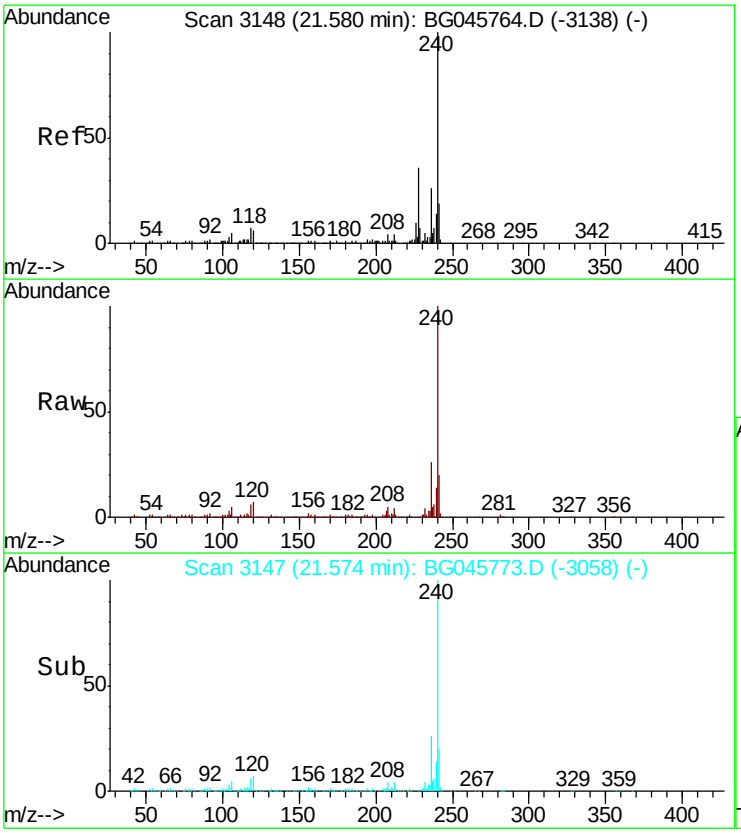
#67
4-Bromophenyl-phenylether
Concen: 4.572 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.43 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tgt Ion:248 Resp: 20428

Ion	Ratio	Lower	Upper
248	100		
250	194.3	78.0	117.0#
141	528.9	53.9	80.9#

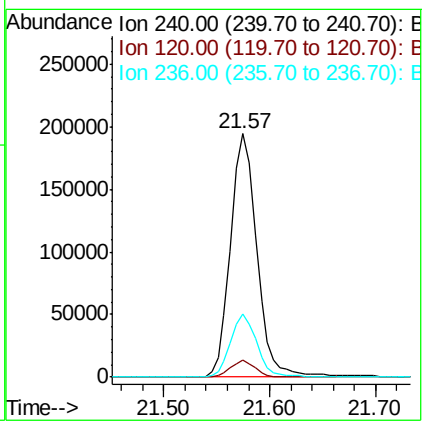


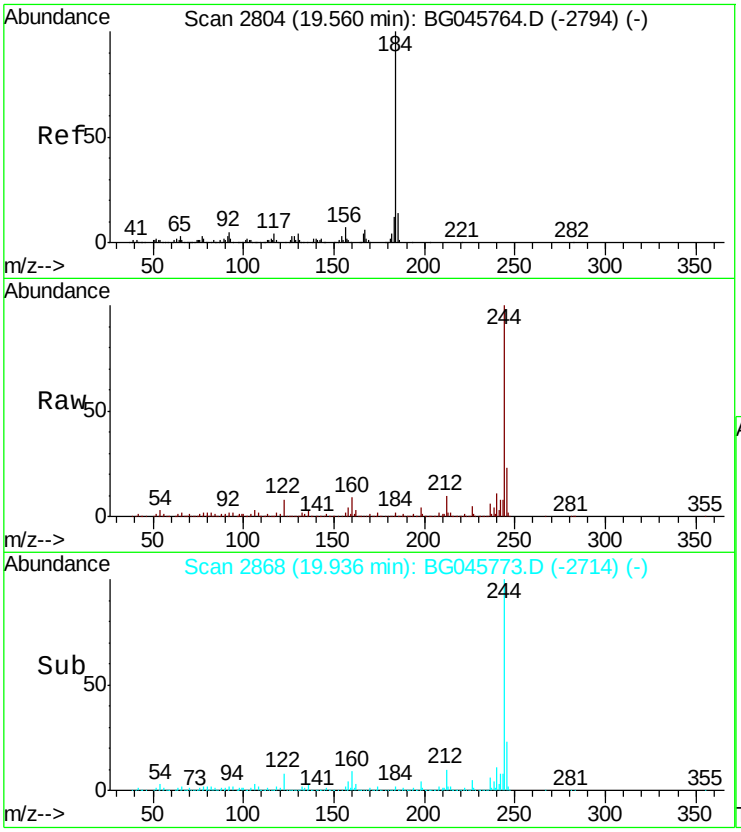


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion:240 Resp: 335886

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.0	7.4
236	25.7	20.6	30.8



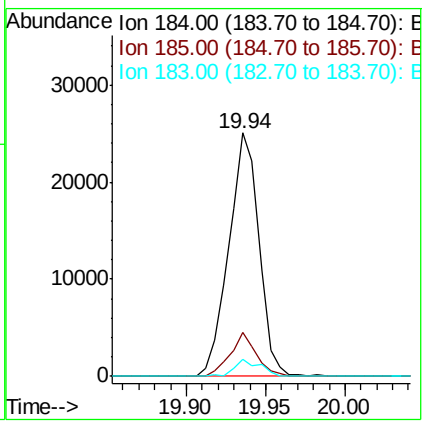


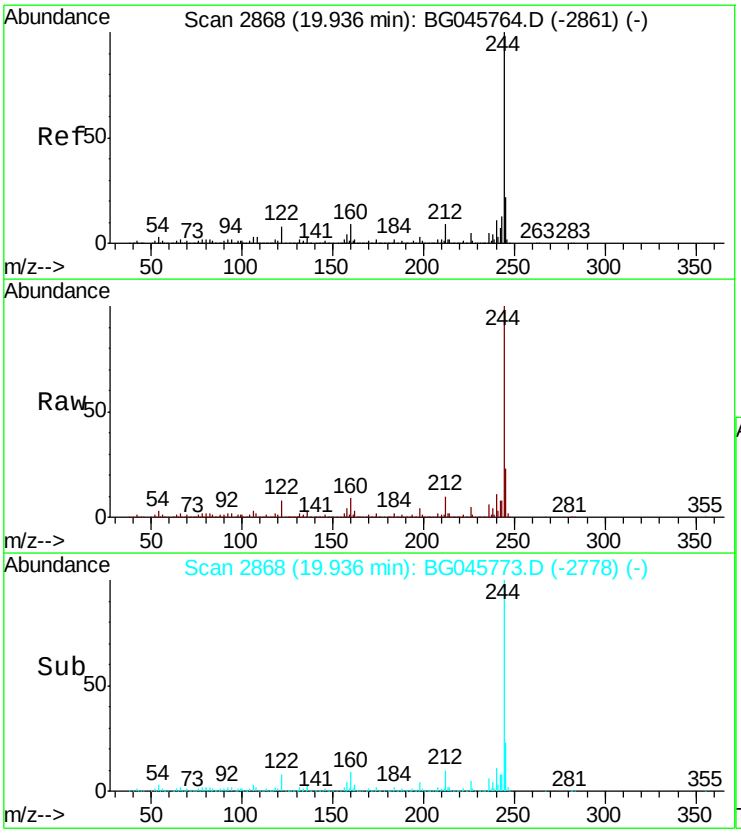
#77
Benzidine
Concen: 3.780 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.38 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tgt Ion:184 Resp: 33007

Ion	Ratio	Lower	Upper
184	100		
185	18.2	11.1	16.7#
183	7.0	9.7	14.5#

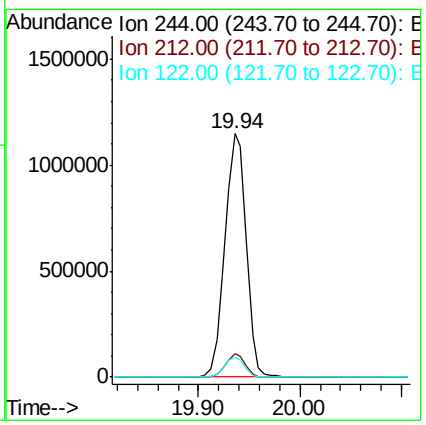


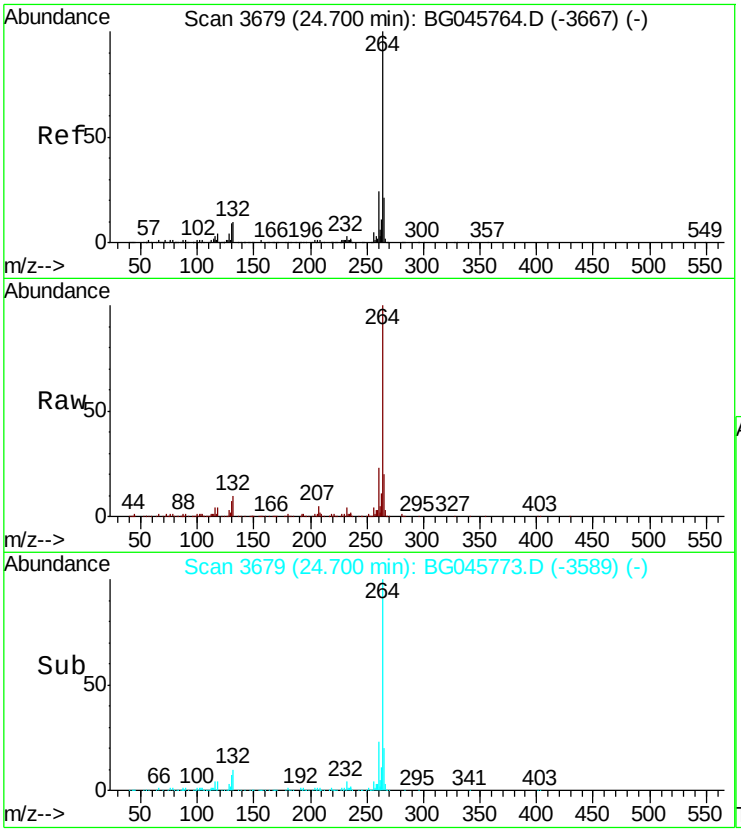


#79
Terphenyl-d14
Concen: 100.823 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion:244 Resp: 1671030

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.2	10.8
122	8.3	6.4	9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tgt Ion:264 Resp: 351007

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	19.7	17.4	26.0