Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045775.D
Acq On : 16 Jun 2020 16:41
Operator : CG/JU
Sample : PB129573TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129573TB

Quant Time: Jun 16 17:23:02 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	52146	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	205874	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	153171	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	378908	20.00	ng	0.00
76) Chrysene-d12	21.57	240	377611	20.00	ng	0.00
86) Perylene-d12	24.70	264	390584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	336300	108.94	ng	0.00
7) Phenol-d6	7.16	99	462989	98.60	ng	0.00
23) Nitrobenzene-d5	9.08	82	328826	72.97	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	261414	113.04	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	789735	75.77	ng	0.00
79) Terphenyl-d14	19.93	244	1518196	81.48	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.08	70	45954	14.886	ng	# 80
32) Benzoic acid	10.33	122	64	9.004	ng	# 1
41) Hexachlorocyclopentadiene	12.37	237	53	8.436	ng	# 27
51) 2,6-Dinitrotoluene	14.56	165	18841	6.991	ng	# 24
57) 2,4-Dinitrotoluene	14.56	165	18841	4.879	ng	# 23
67) 4-Bromophenyl-phenylether	16.07	248	16974	3.448	ng	# 1
77) Benzidine	19.93	184	27942	2.846	ng	# 93

(#) = 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 16:41
Operator : CG/JU
Sample : PB129573TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 16 17:23:02 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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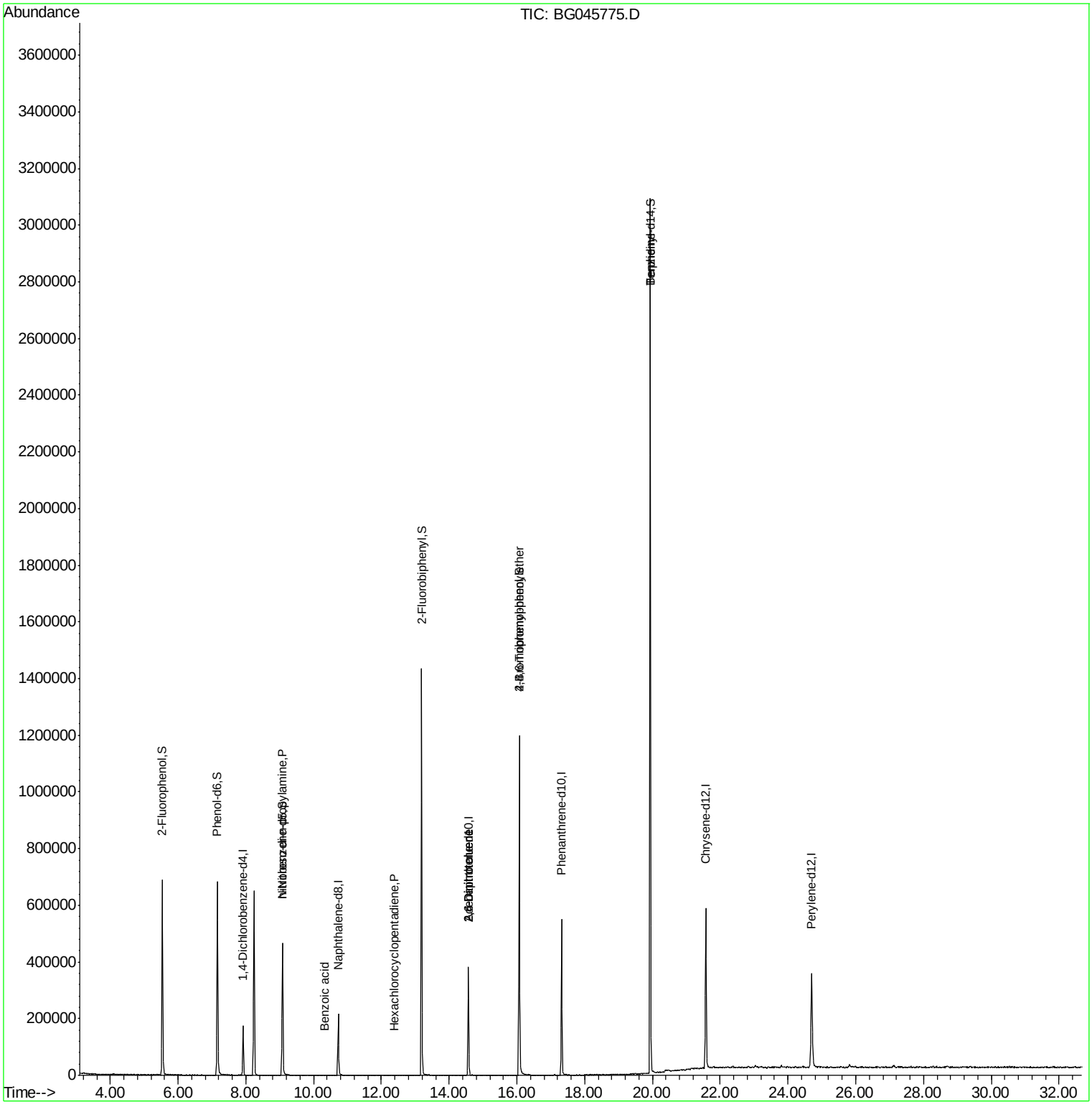
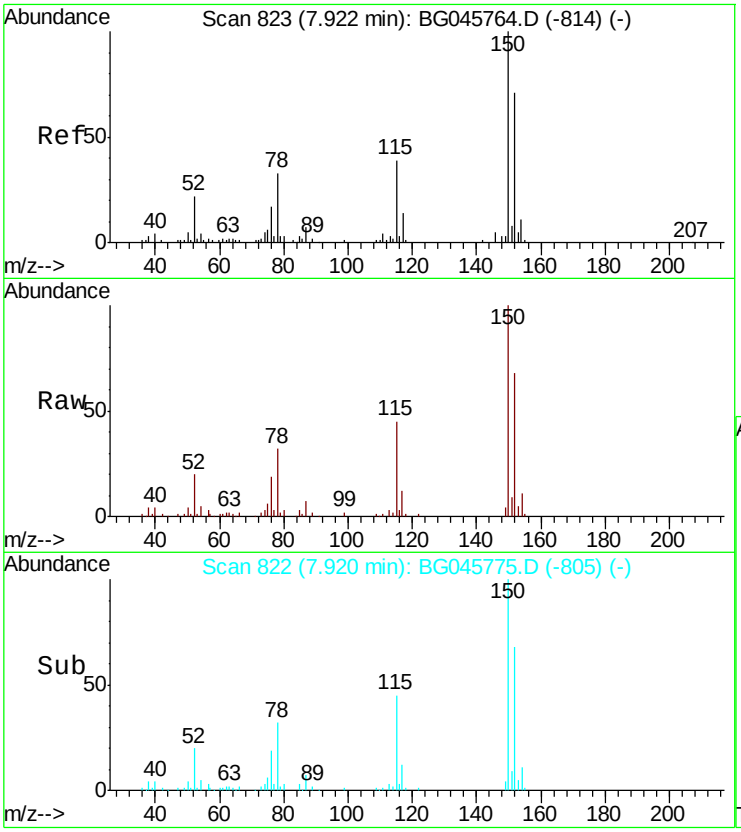


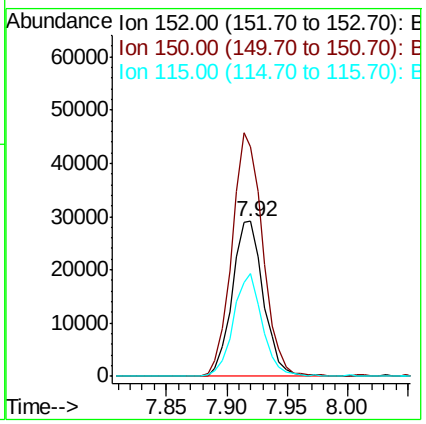


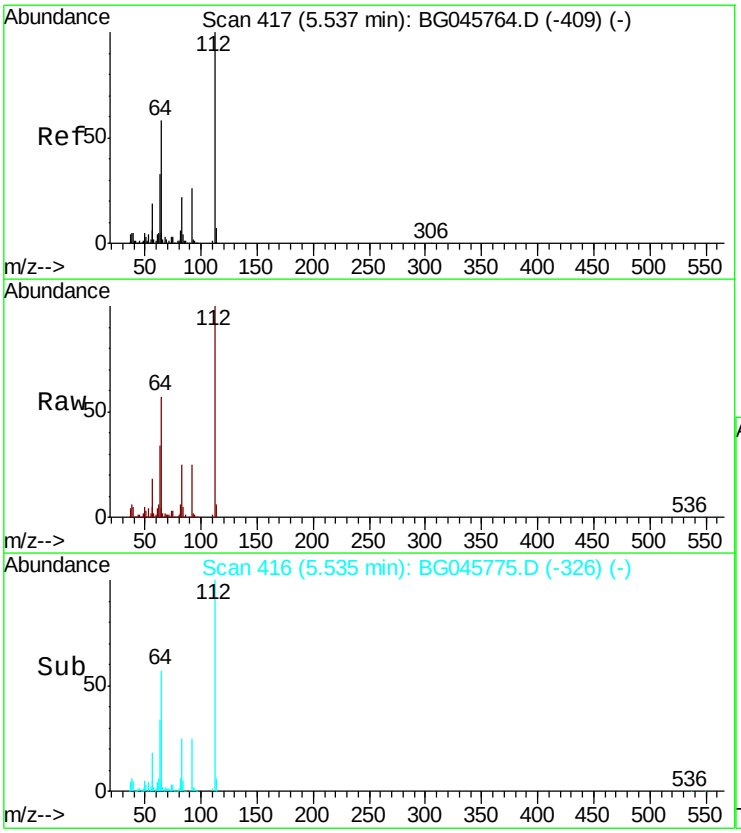
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129573TB

Tgt Ion:152 Resp: 52146

Ion	Ratio	Lower	Upper
152	100		
150	147.8	113.1	169.7
115	65.9	43.8	65.6#

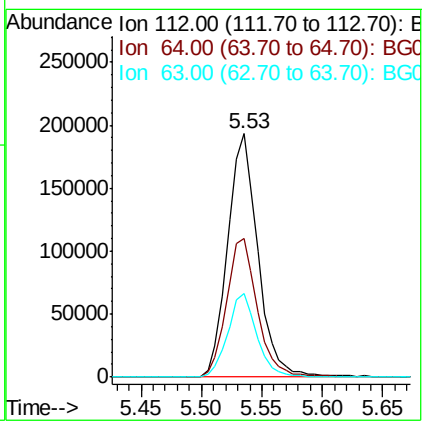


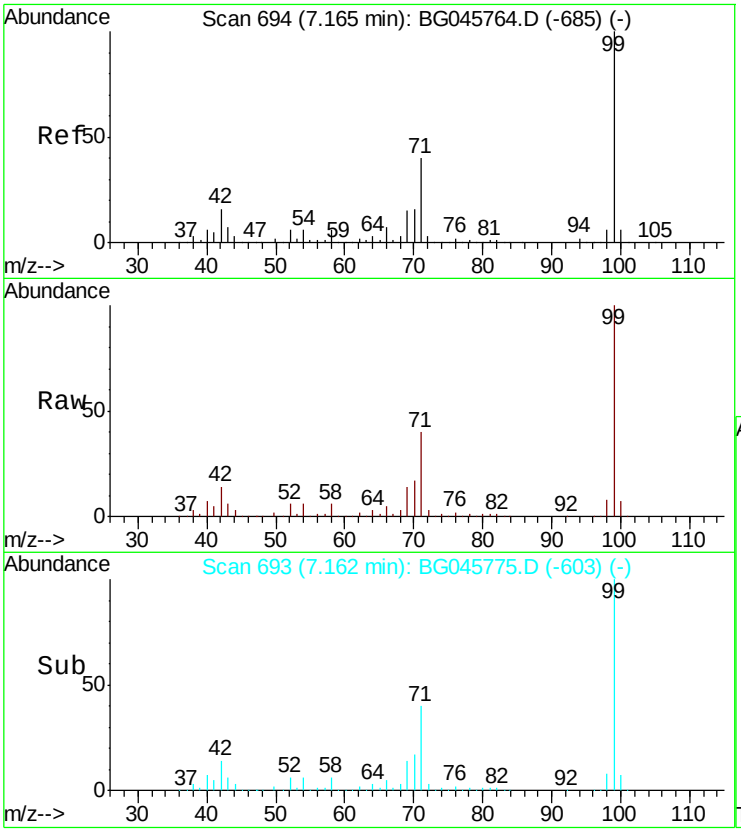


#5
2-Fluorophenol
Concen: 108.942 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Tgt Ion:112 Resp: 336300

Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.6	69.8
63	34.4	26.3	39.5



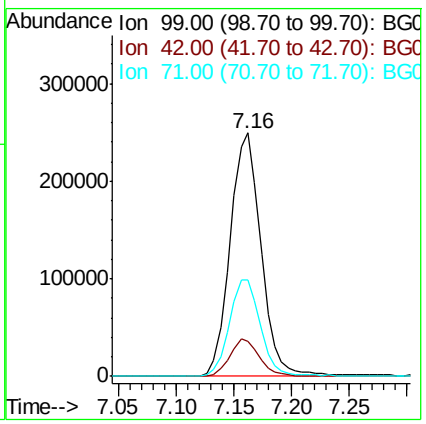


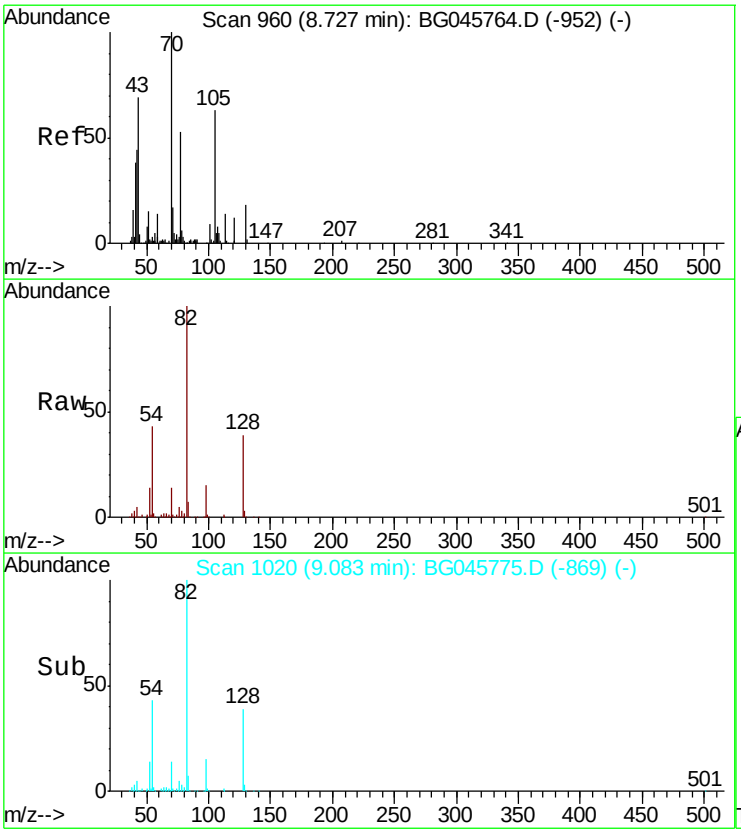
#7
Phenol-d6
Concen: 98.602 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.00 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129573TB

Tgt Ion: 99 Resp: 462989

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.4	18.6
71	39.9	32.1	48.1

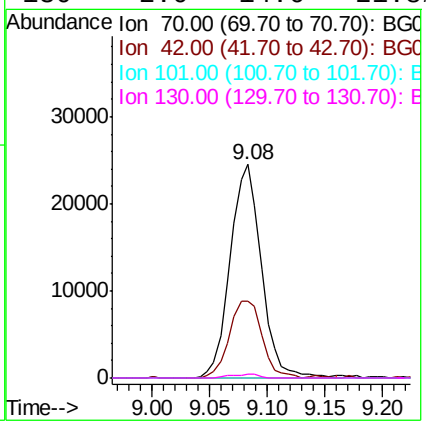


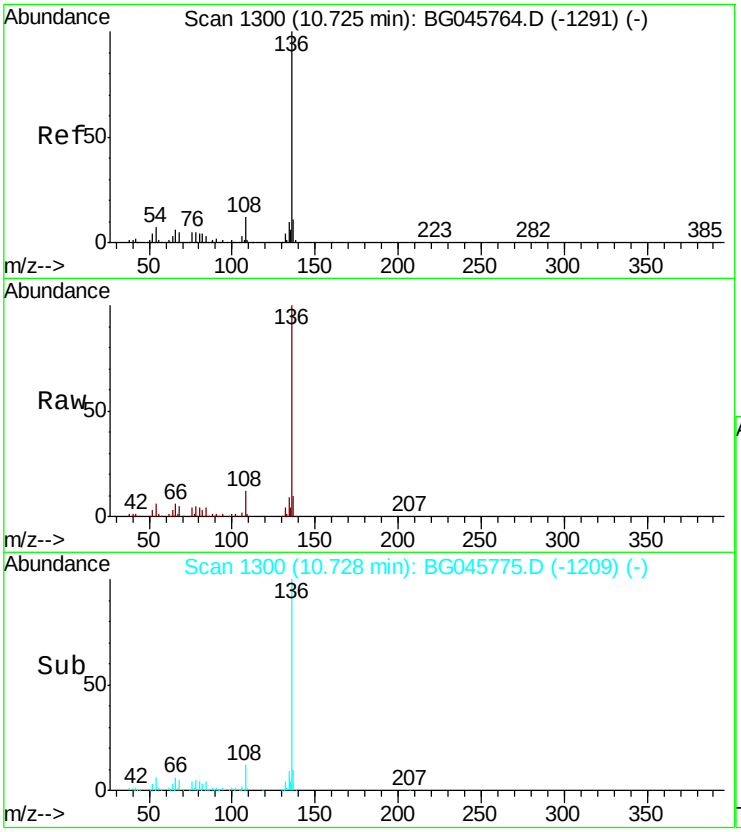


#19
n-Nitroso-di-n-propylamine
Concen: 14.886 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.36 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Tgt Ion: 70 Resp: 45954

Ion	Ratio	Lower	Upper
70	100		
42	36.2	35.1	52.7
101	0.0	7.4	11.0#
130	2.0	14.6	21.8#



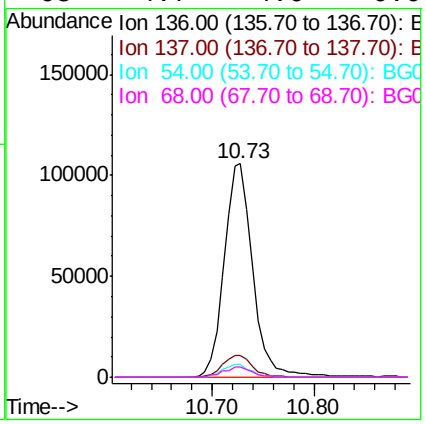


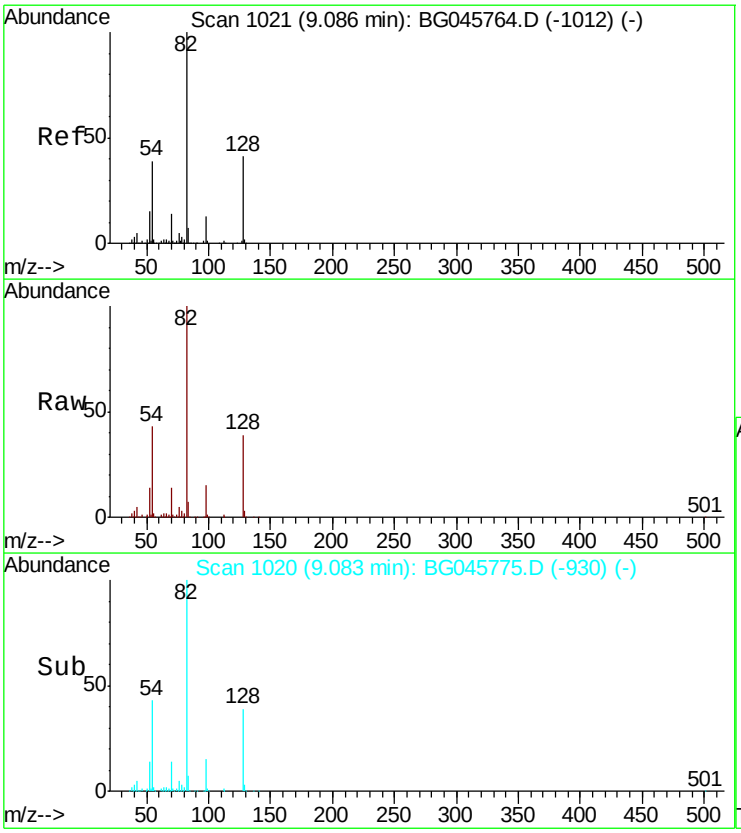
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129573TB

Tgt Ion:136 Resp: 205874

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	6.2	5.8	8.6
68	4.7	4.0	6.0

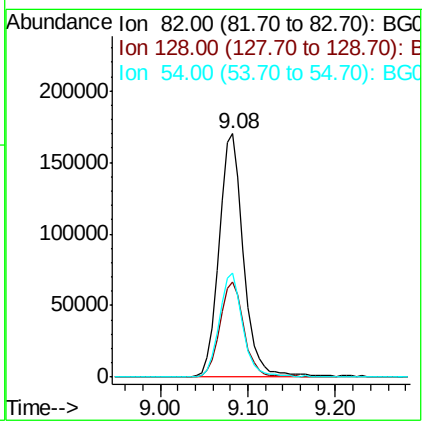


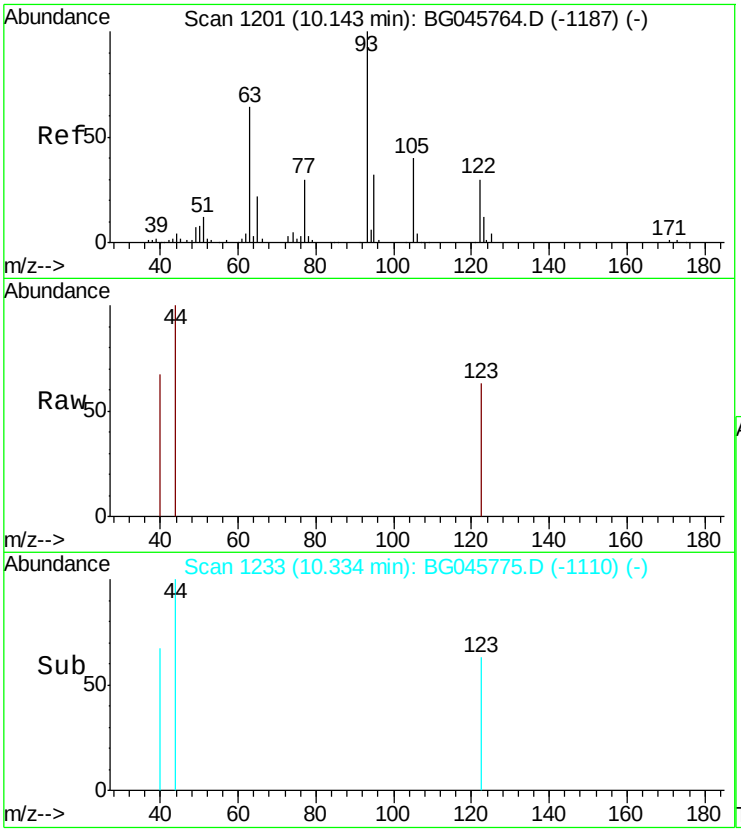


#23
Nitrobenzene-d5
Concen: 72.966 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Tgt Ion: 82 Resp: 328826

Ion	Ratio	Lower	Upper
82	100		
128	38.8	32.5	48.7
54	42.9	31.2	46.8



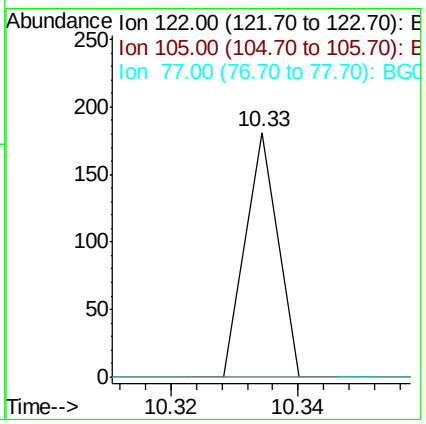


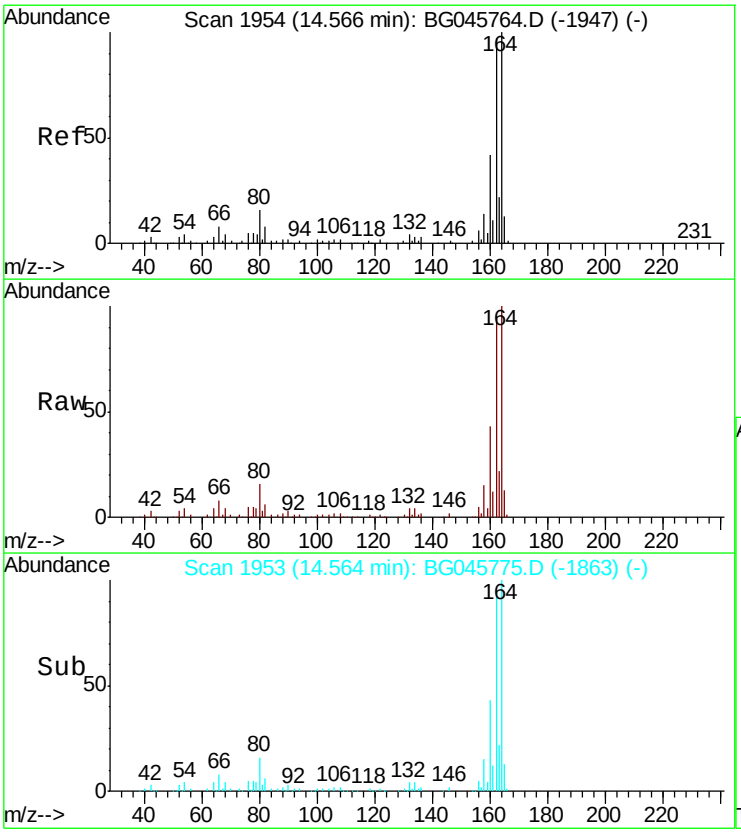
#32
Benzoic acid
Concen: 9.004 ng
RT: 10.33 min Scan# 1233
Delta R.T. 0.19 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129573TB

Tgt Ion:122 Resp: 64

Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.9	152.9#
77	0.0	79.2	119.2#

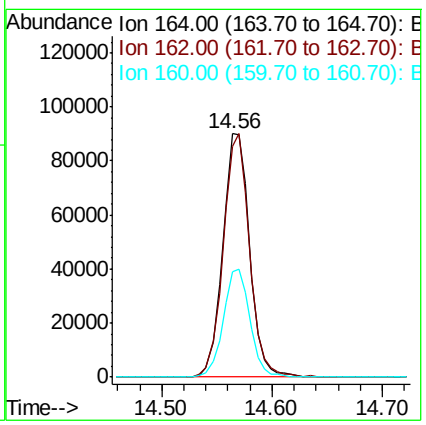


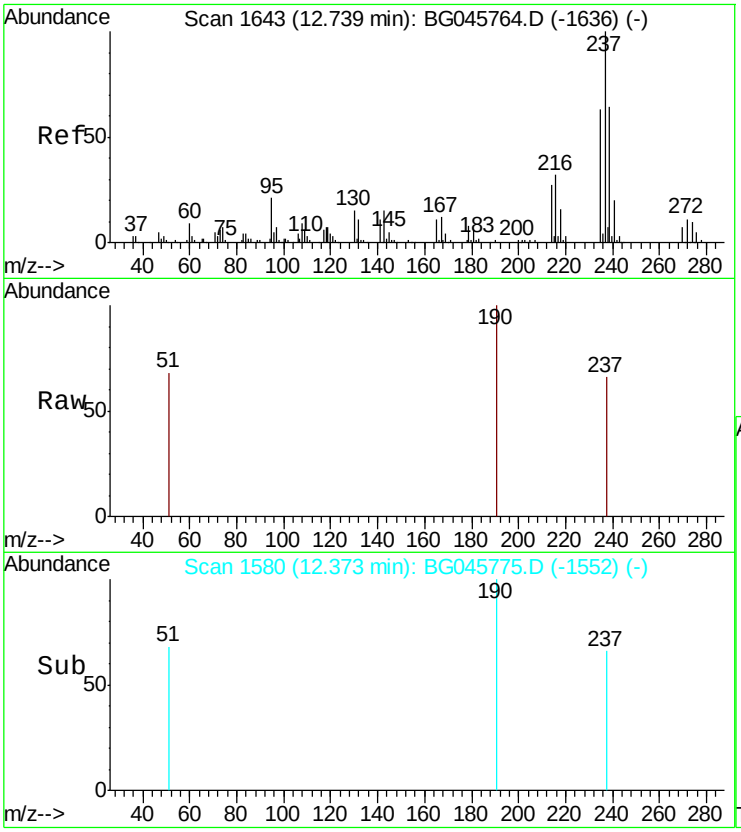


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Tgt Ion:164 Resp: 153171

Ion	Ratio	Lower	Upper
164	100		
162	95.1	77.4	116.0
160	43.3	33.3	49.9



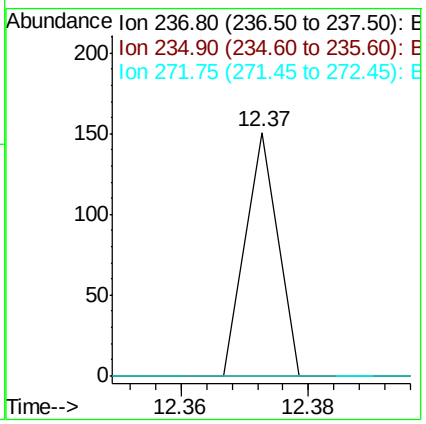


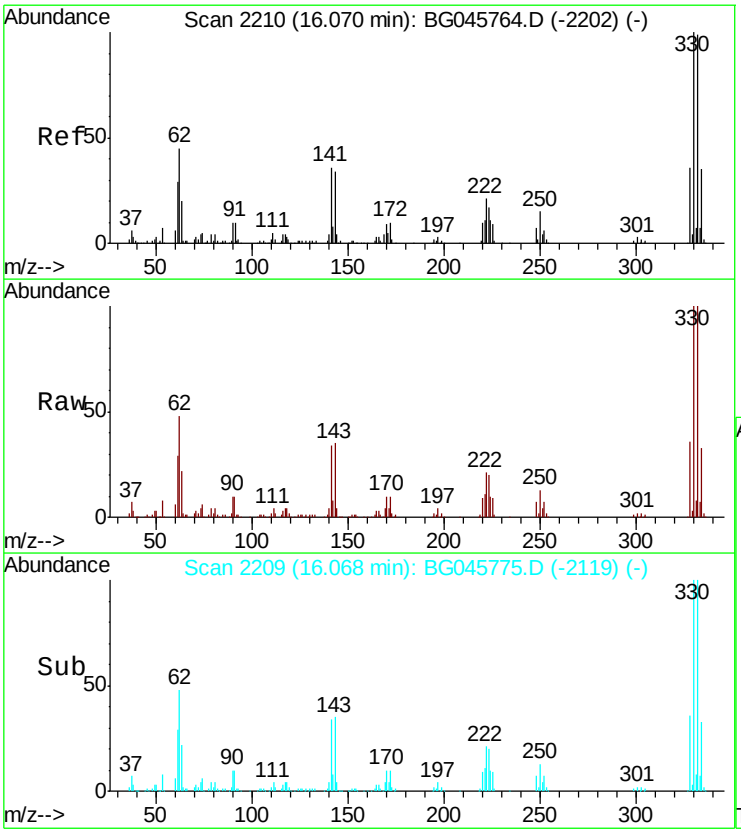
#41
Hexachlorocyclopentadiene
Concen: 8.436 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.37 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129573TB

Tgt Ion:237 Resp: 53

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

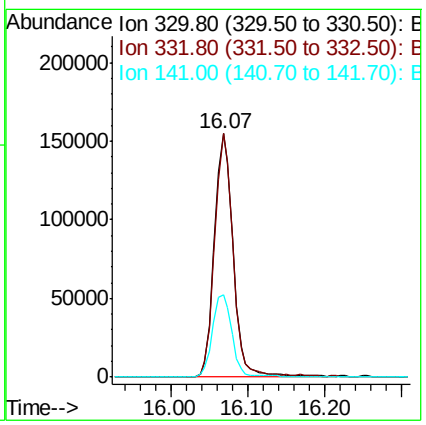


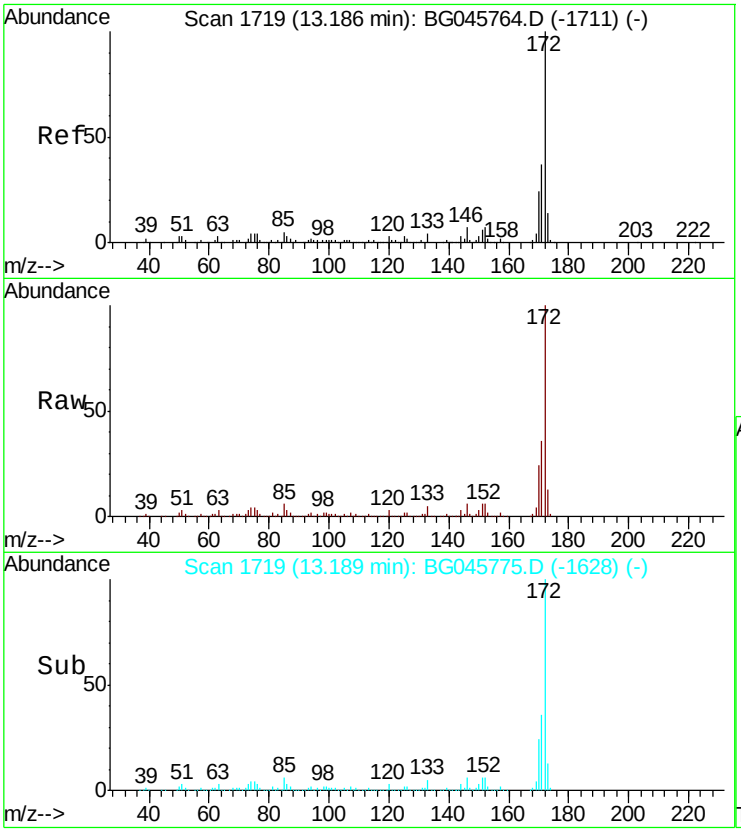


#42
2,4,6-Tribromophenol
Concen: 113.045 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Tgt Ion:330 Resp: 261414

Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.6	117.8
141	35.1	28.2	42.4



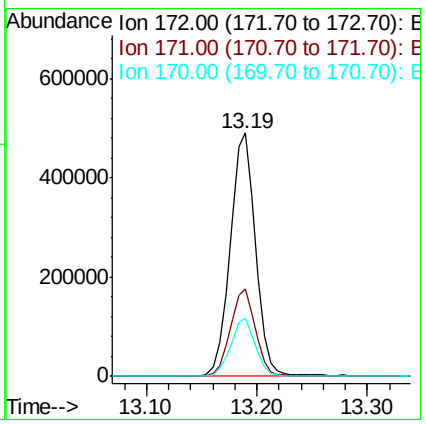


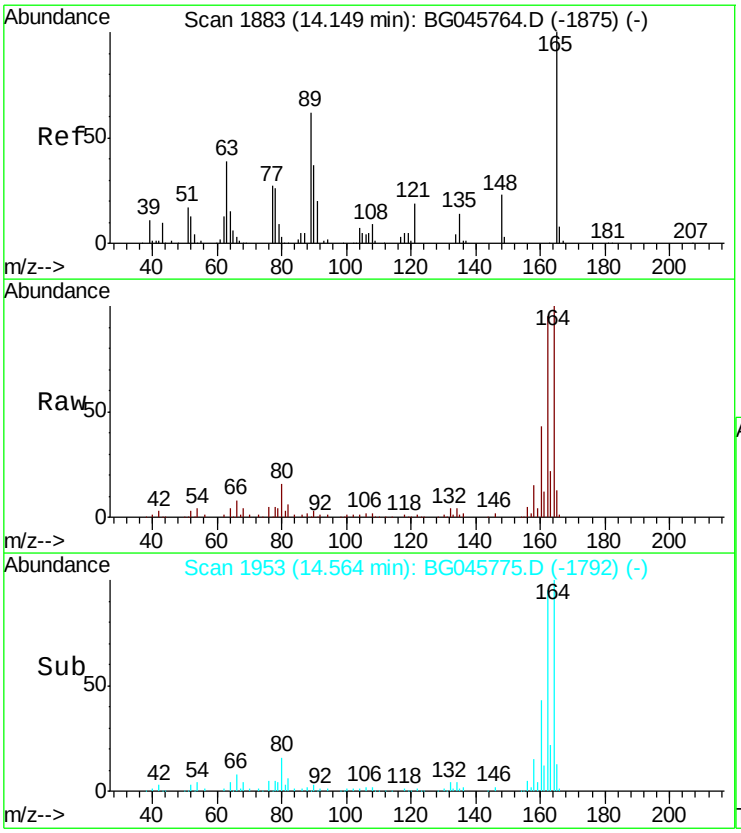
#45
2-Fluorobiphenyl
Concen: 75.769 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129573TB

Tgt Ion:172 Resp: 789735

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	23.7	19.3	28.9

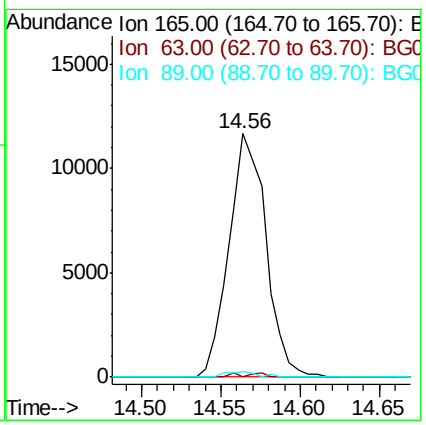


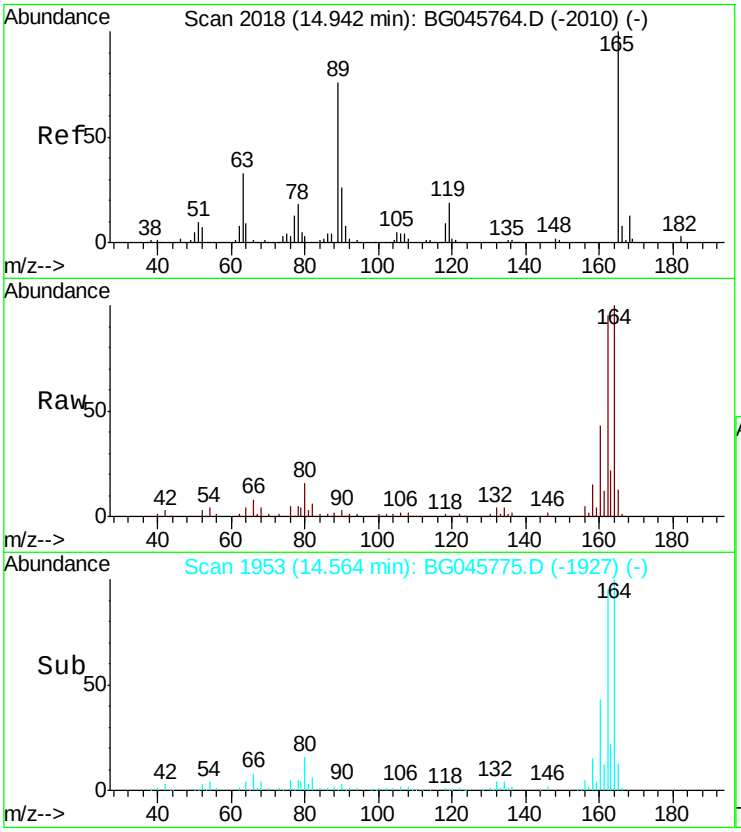


#51
2,6-Dinitrotoluene
Concen: 6.991 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.41 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Tgt Ion:165 Resp: 18841

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.2	61.8#
89	2.1	49.7	74.5#



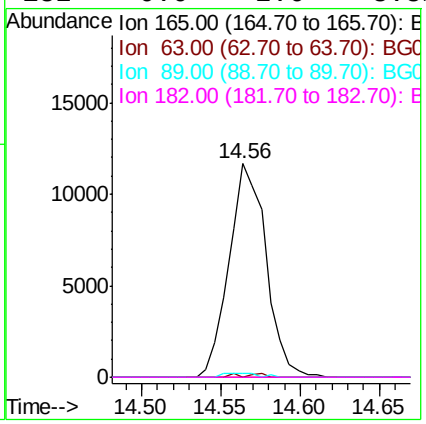


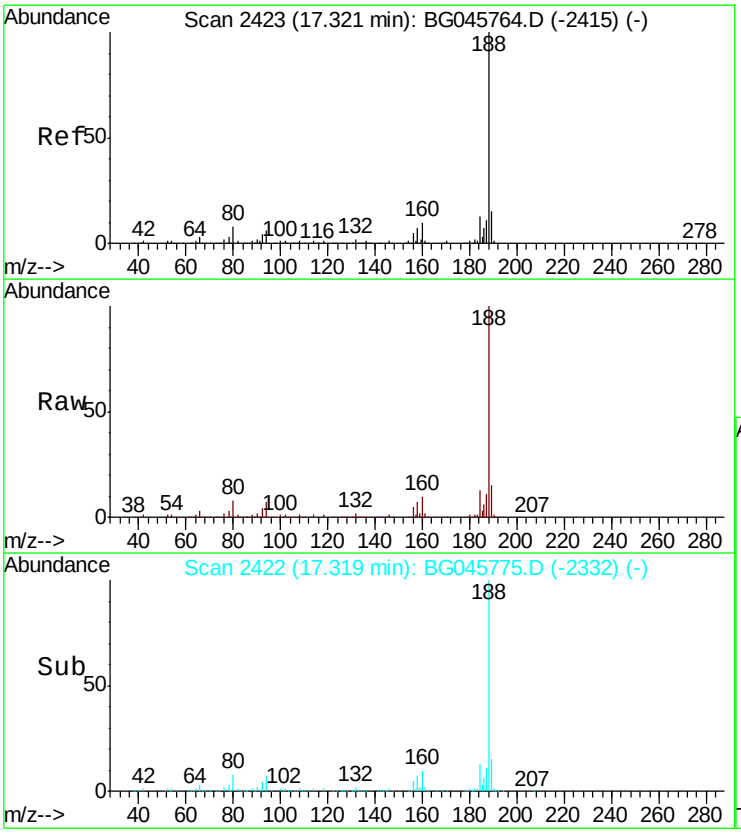
#57
2,4-Dinitrotoluene
Concen: 4.879 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.38 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129573TB

Tgt Ion:165 Resp: 18841

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	2.1	60.4	90.6#
182	0.0	2.6	3.8#

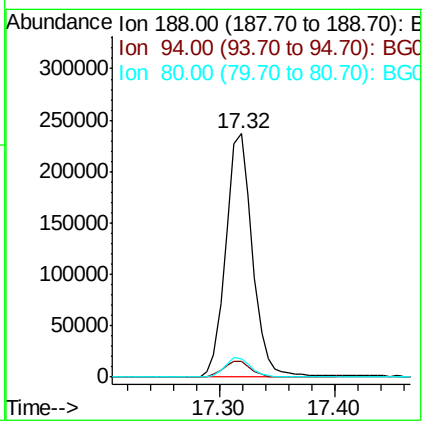


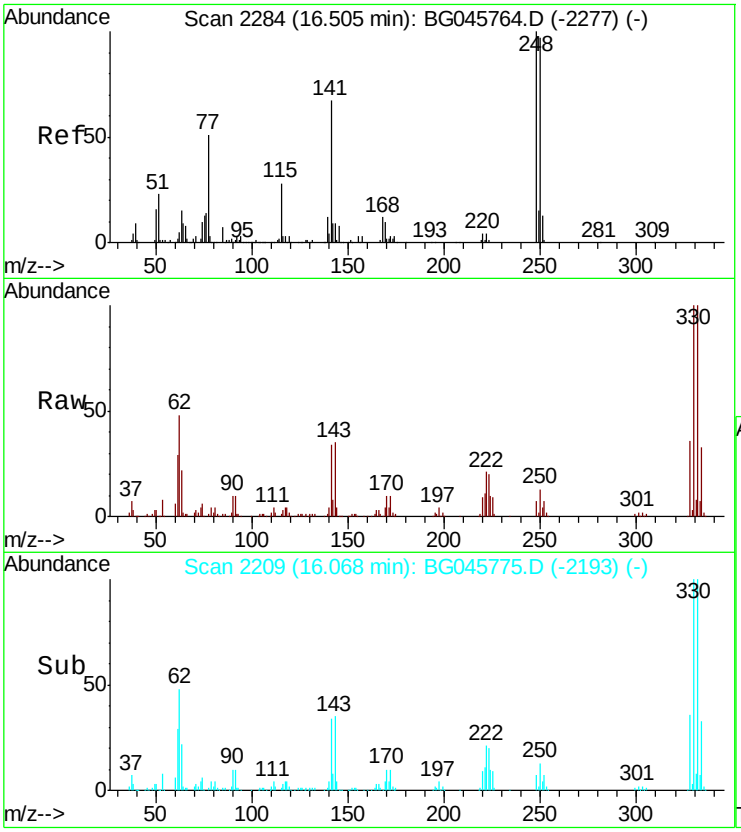


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Tgt Ion:188 Resp: 378908

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	7.6	6.2	9.4



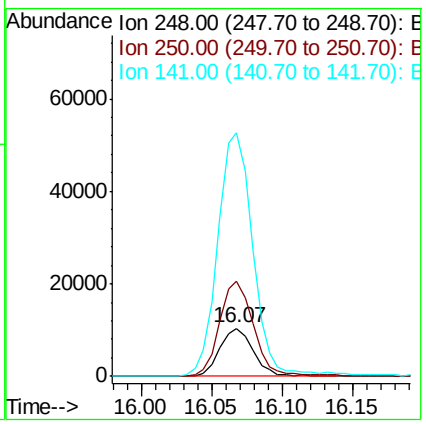


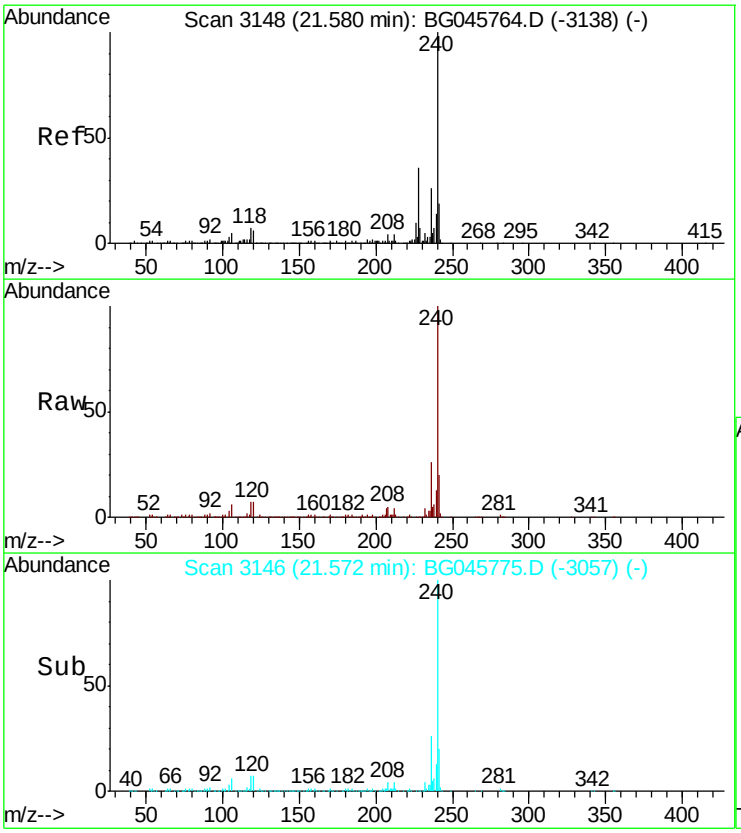
#67
4-Bromophenyl-phenylether
Concen: 3.448 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.44 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129573TB

Tgt Ion:248 Resp: 16974

Ion	Ratio	Lower	Upper
248	100		
250	198.1	78.0	117.0#
141	505.9	53.9	80.9#

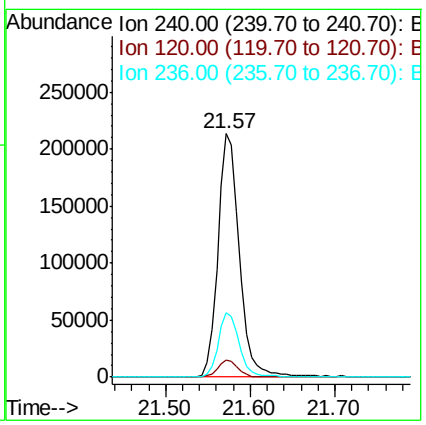


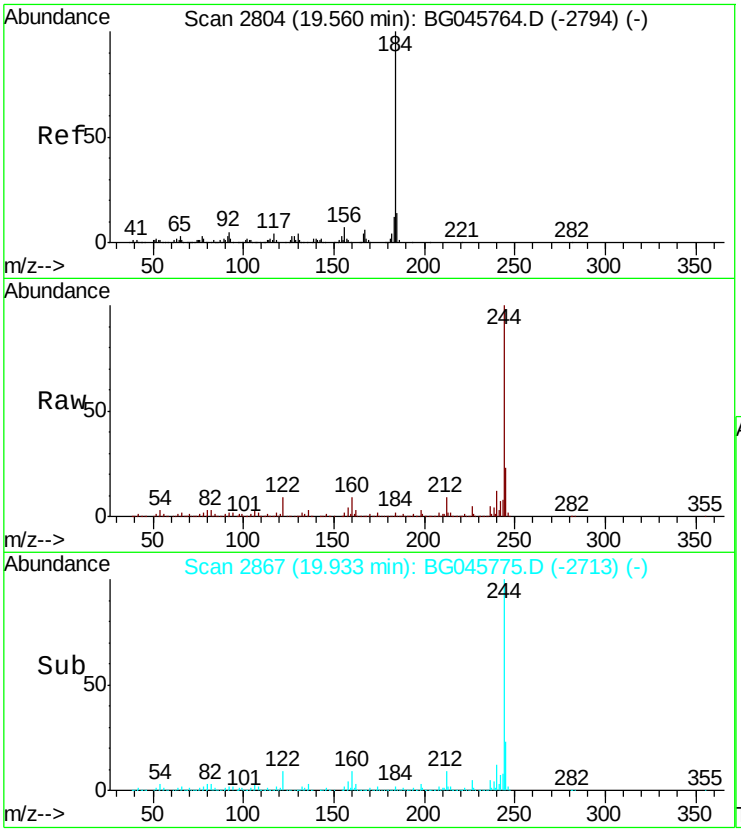


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Tgt Ion:240 Resp: 377611

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.0	7.4
236	26.4	20.6	30.8



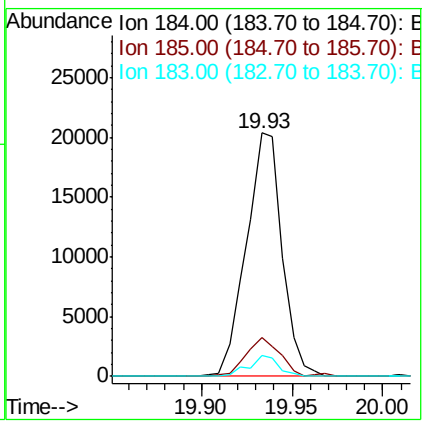


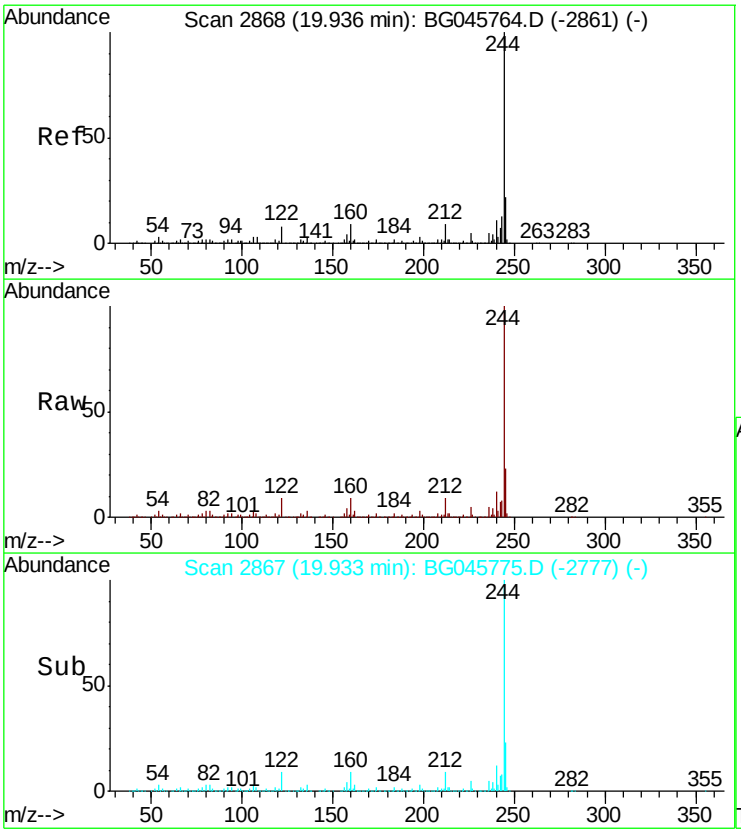
#77
Benzidine
Concen: 2.846 ng
RT: 19.93 min Scan# 2867
Delta R.T. 0.37 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129573TB

Tgt Ion:184 Resp: 27942

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.1	16.7
183	8.4	9.7	14.5#

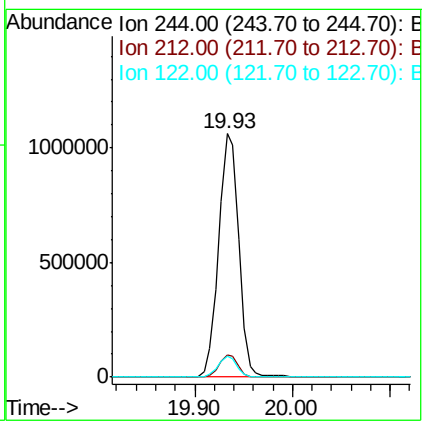


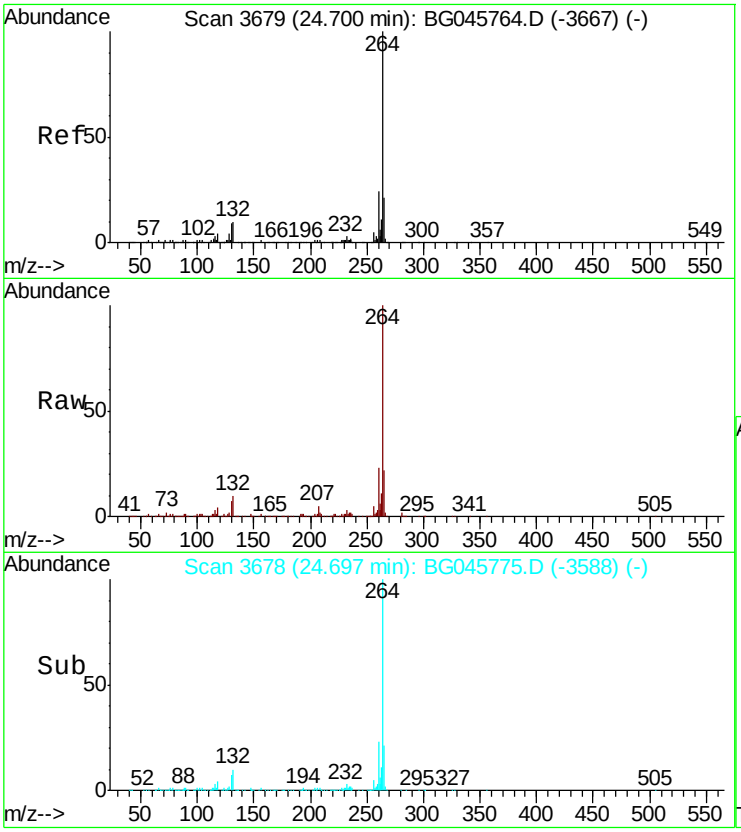


#79
Terphenyl-d14
Concen: 81.480 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Tgt Ion:244 Resp: 1518196

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.2	10.8
122	8.8	6.4	9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG045775.D
Acq: 16 Jun 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB129573TB

Tgt Ion:264 Resp: 390584

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.6	17.4	26.0