Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045926.D
Acq On : 2 Jul 2020 22:46
Operator : CG/JU
Sample : L3172-29
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP12-SS

Quant Time: Jul 03 00:39:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	48387	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	180853	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	127721	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	291241	20.00	ng	0.00
76) Chrysene-d12	21.51	240	317844	20.00	ng	0.00
86) Perylene-d12	24.58	264	330747	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	388620	135.67	ng	0.00
7) Phenol-d6	7.07	99	569681	130.75	ng	0.00
23) Nitrobenzene-d5	9.02	82	407547	102.95	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	282939	146.73	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	913948	105.16	ng	0.00
79) Terphenyl-d14	19.89	244	1664298	106.12	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.18	79	7149	2.120	ng	# 59
19) n-Nitroso-di-n-propylamine	9.02	70	56671	19.784	ng	# 83
32) Benzoic acid	9.86	122	56	9.004	ng	# 1
50) Dimethylphthalate	13.96	163	143188	14.311	ng	99
57) 2,4-Dinitrotoluene	14.51	165	16409	5.096	ng	# 23
67) 4-Bromophenyl-phenylether	16.01	248	19716	5.210	ng	# 1
70) Pentachlorophenol	17.06	266	60	7.660	ng	# 20
77) Benzidine	19.89	184	31448	3.806	ng	# 89

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

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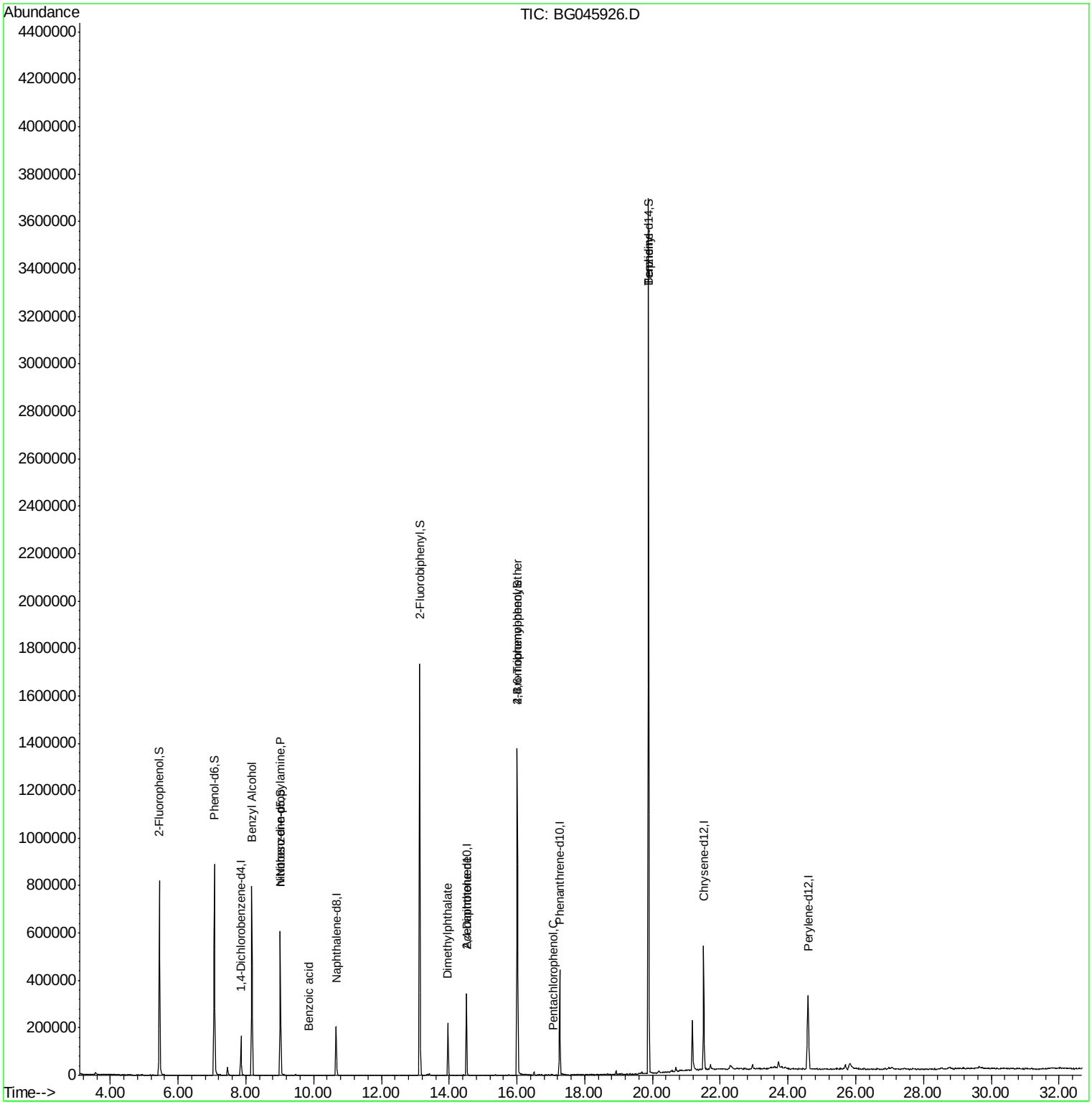
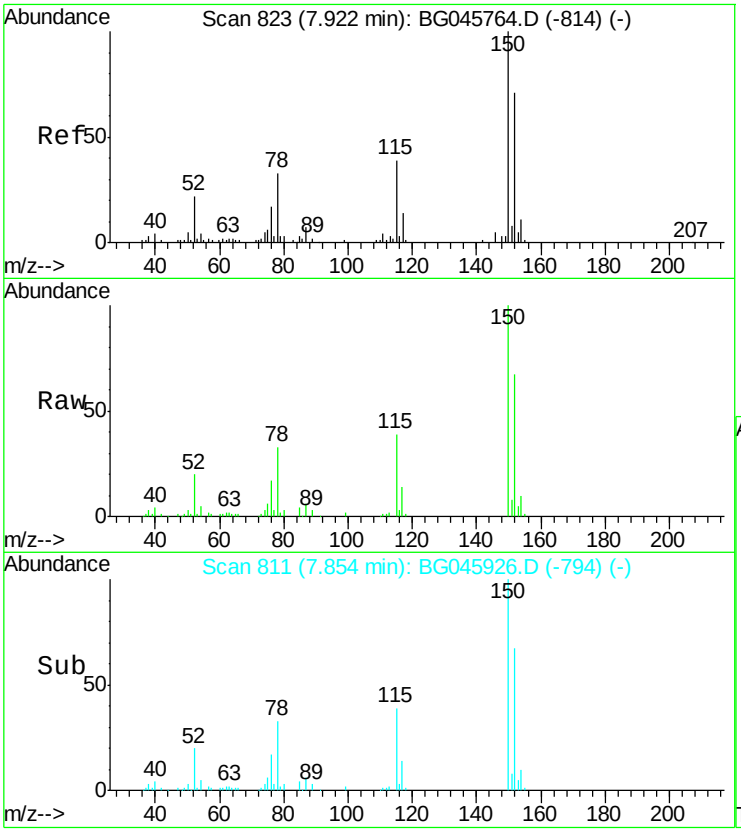


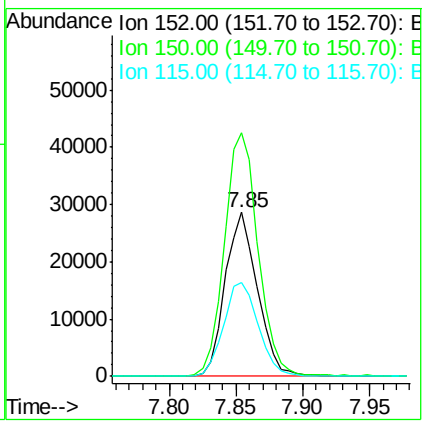


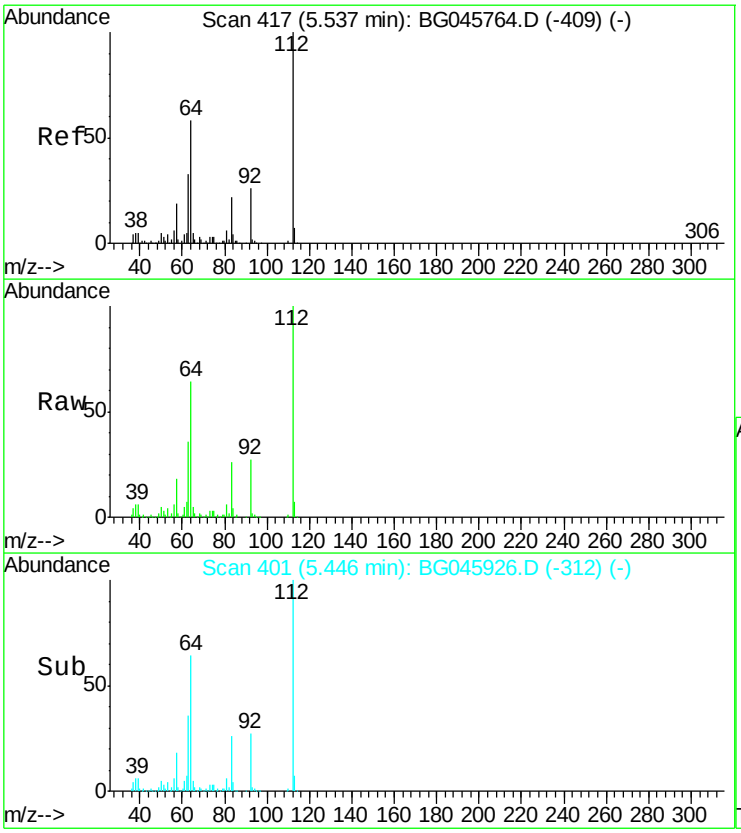
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Instrument :
BNA_G
ClientSampleId :
TP12-SS

Tgt Ion:152 Resp: 48387

Ion	Ratio	Lower	Upper
152	100		
150	148.6	124.5	186.7
115	57.4	45.8	68.8

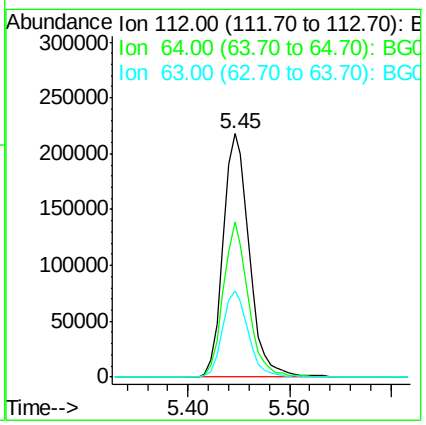


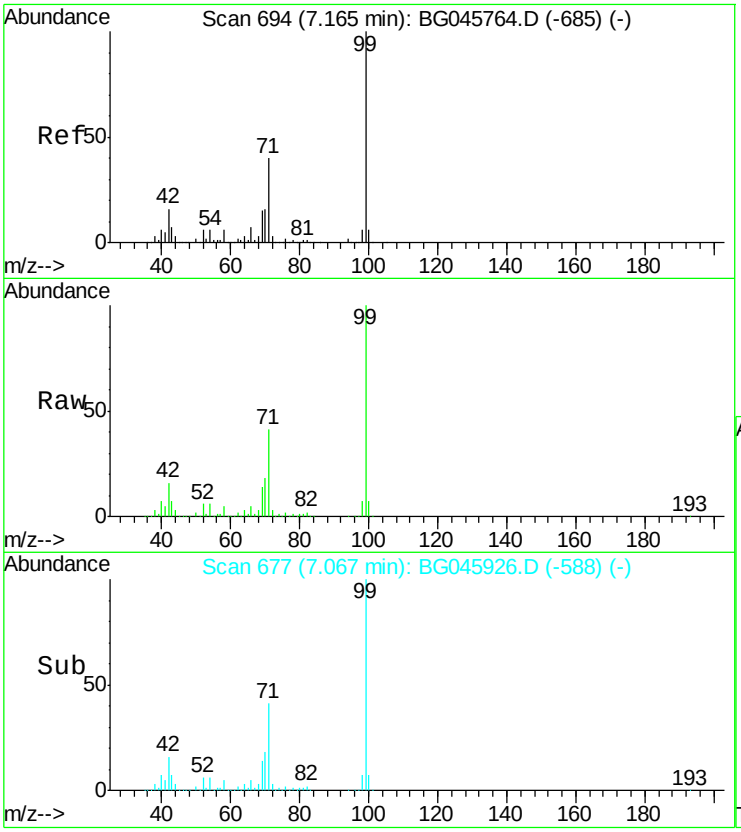


#5
2-Fluorophenol
Concen: 135.671 ng
RT: 5.45 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Tgt Ion:112 Resp: 388620

Ion	Ratio	Lower	Upper
112	100		
64	63.9	44.9	67.3
63	35.6	26.9	40.3



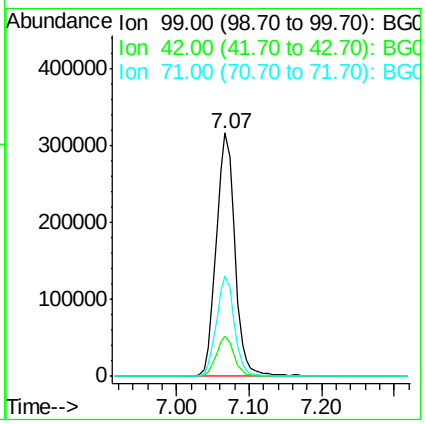


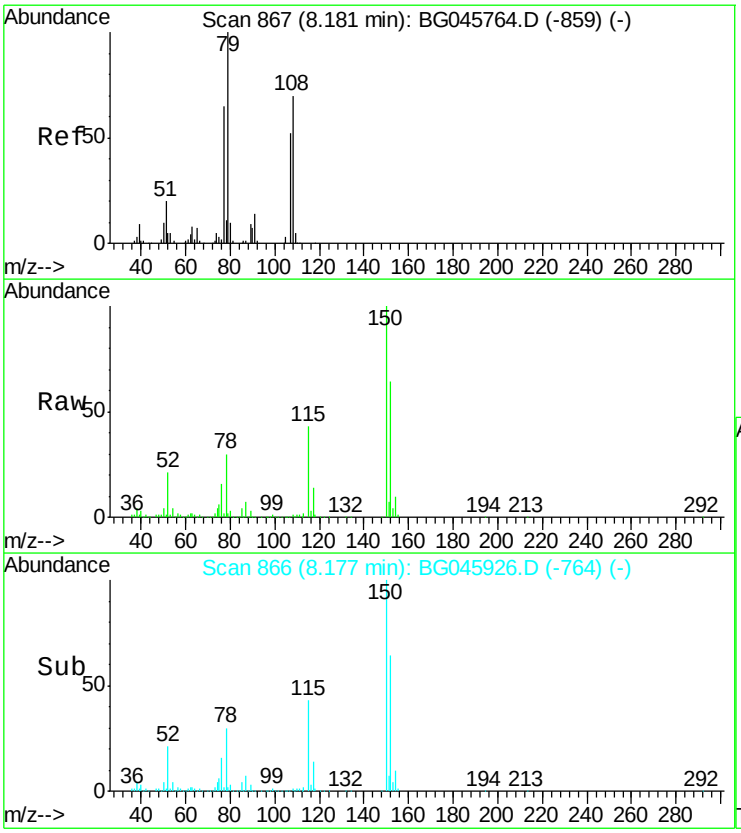
#7
Phenol-d6
Concen: 130.749 ng
RT: 7.07 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Instrument :
BNA_G
ClientSampleId :
TP12-SS

Tgt Ion: 99 Resp: 569681

Ion	Ratio	Lower	Upper
99	100		
42	16.3	11.8	17.8
71	41.2	31.0	46.6

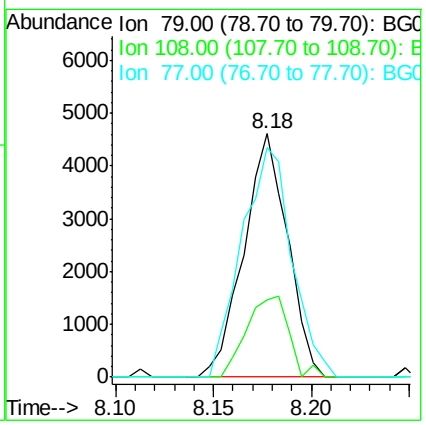


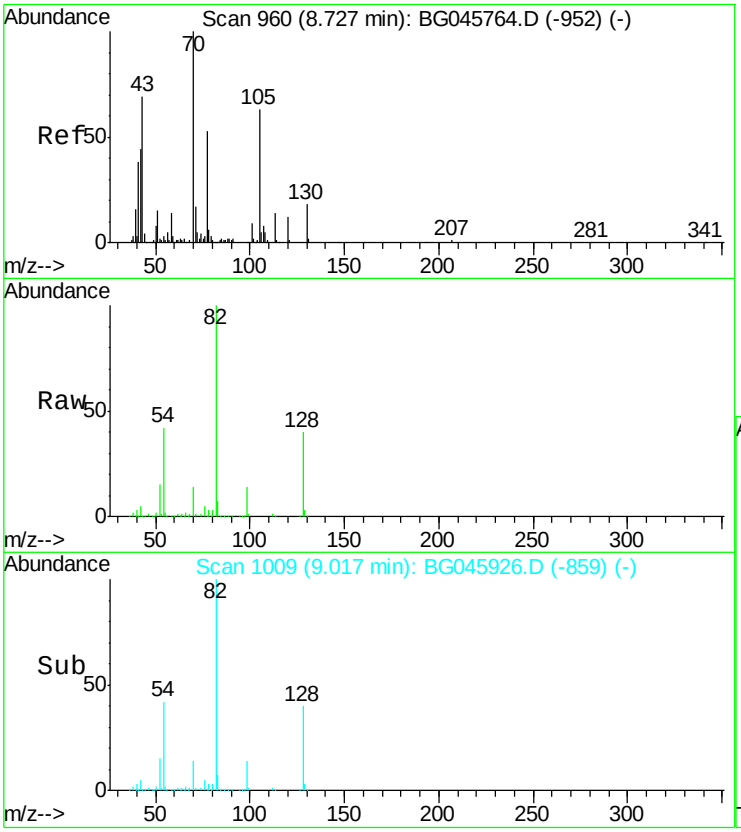


#15
Benzyl Alcohol
Concen: 2.120 ng
RT: 8.18 min Scan# 866
Delta R.T. 0.07 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Tgt Ion: 79 Resp: 7149

Ion	Ratio	Lower	Upper
79	100		
108	31.7	50.7	76.1#
77	94.3	50.4	75.6#



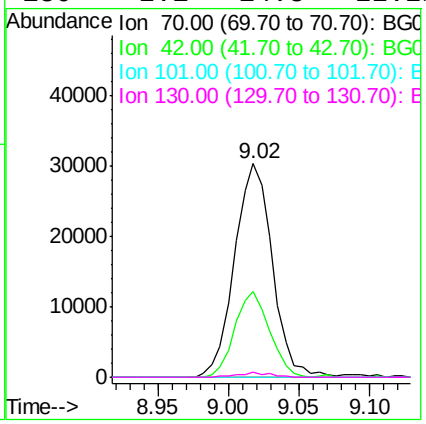


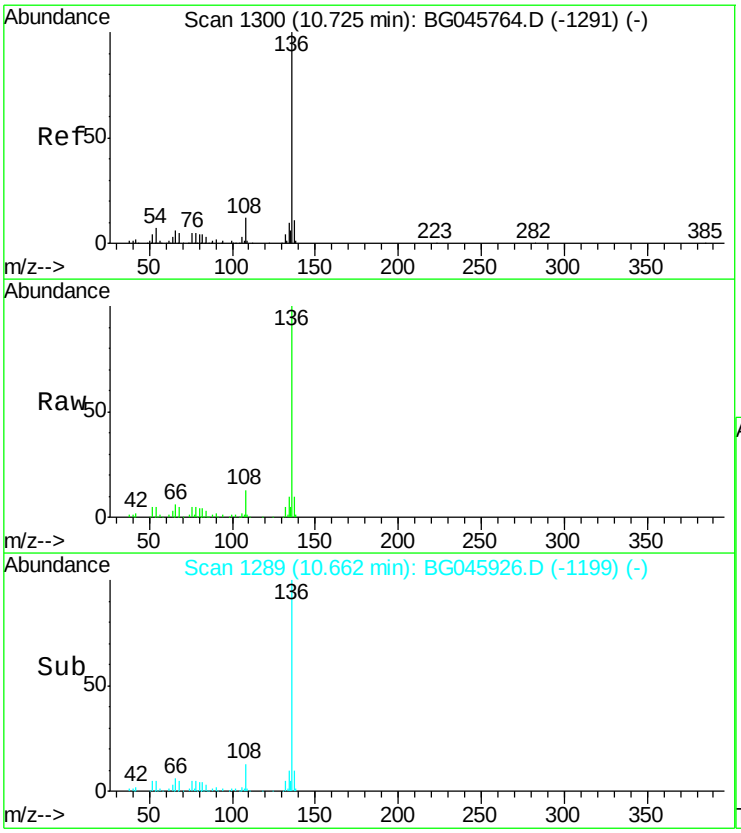
#19
n-Nitroso-di-n-propylamine
Concen: 19.784 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Instrument :
BNA_G
ClientSampleId :
TP12-SS

Tgt Ion: 70 Resp: 56671

Ion	Ratio	Lower	Upper
70	100		
42	39.9	35.6	53.4
101	0.0	6.6	10.0#
130	2.1	14.8	22.2#

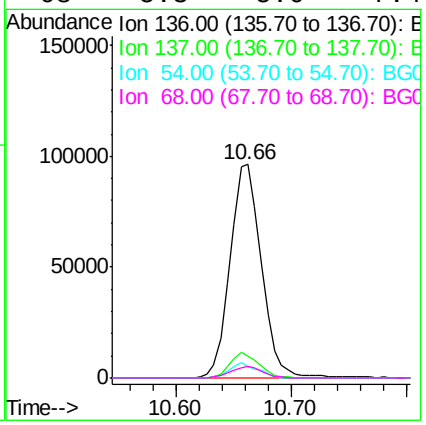


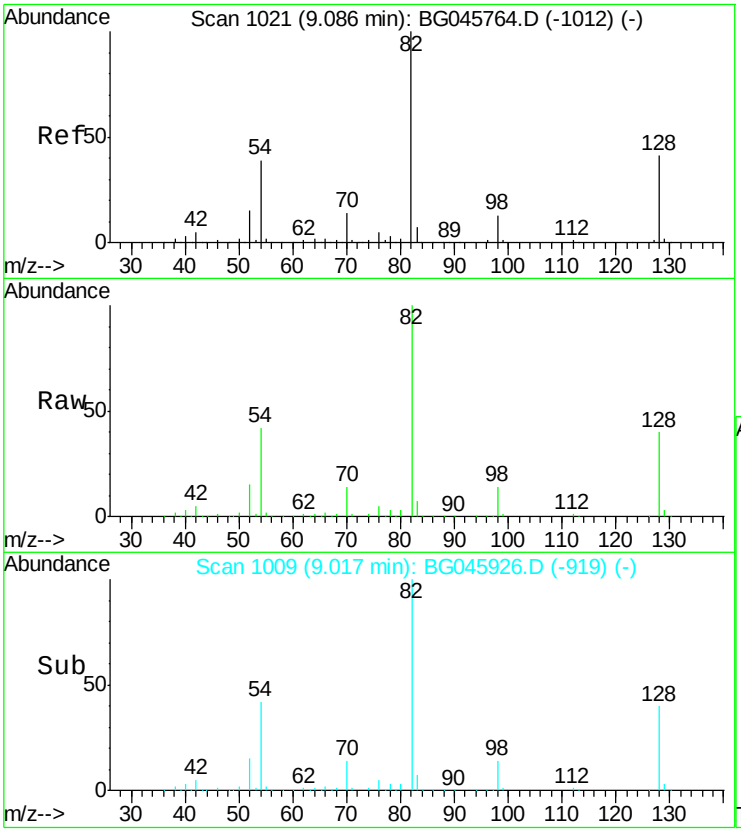


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Tgt Ion:136 Resp: 180853

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.2	12.4
54	5.3	4.6	7.0
68	5.3	5.0	7.4



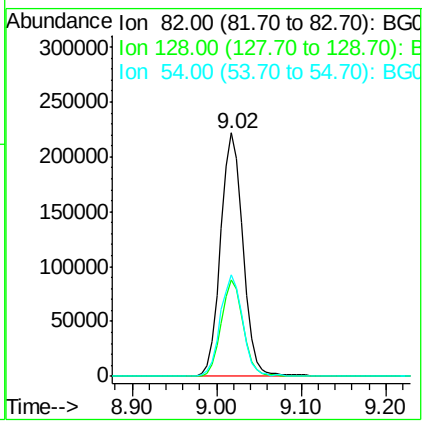


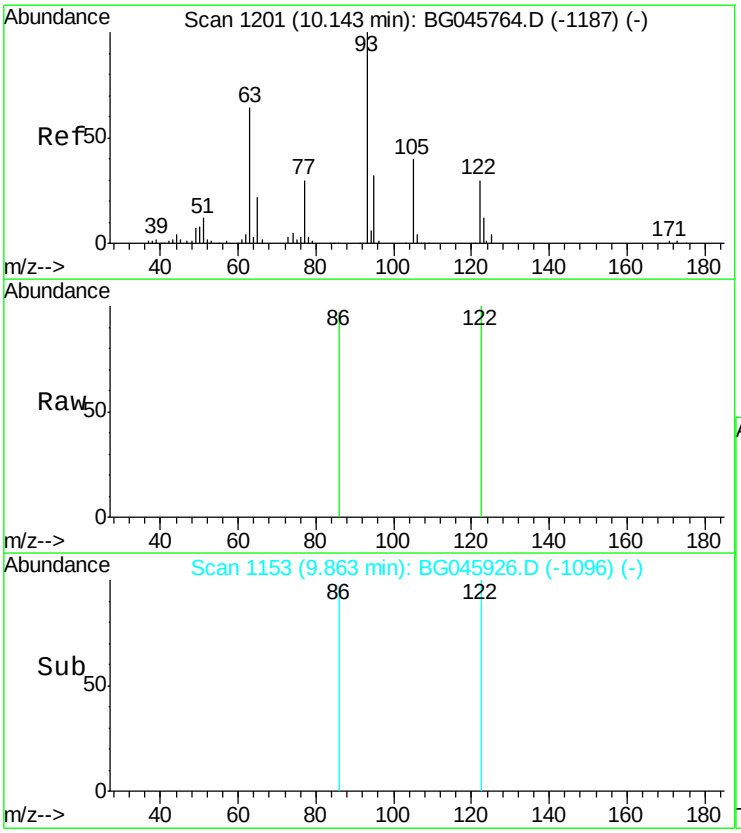
#23
Nitrobenzene-d5
Concen: 102.946 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Instrument :
BNA_G
ClientSampleId :
TP12-SS

Tgt Ion: 82 Resp: 407547

Ion	Ratio	Lower	Upper
82	100		
128	39.6	29.9	44.9
54	41.8	33.3	49.9

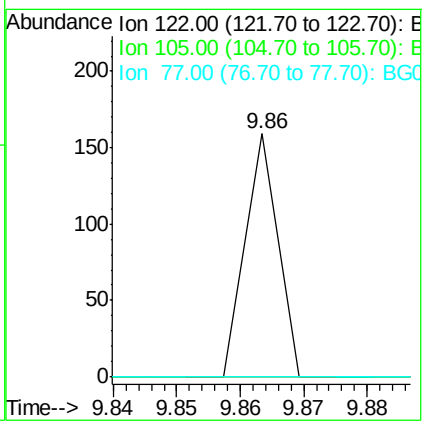


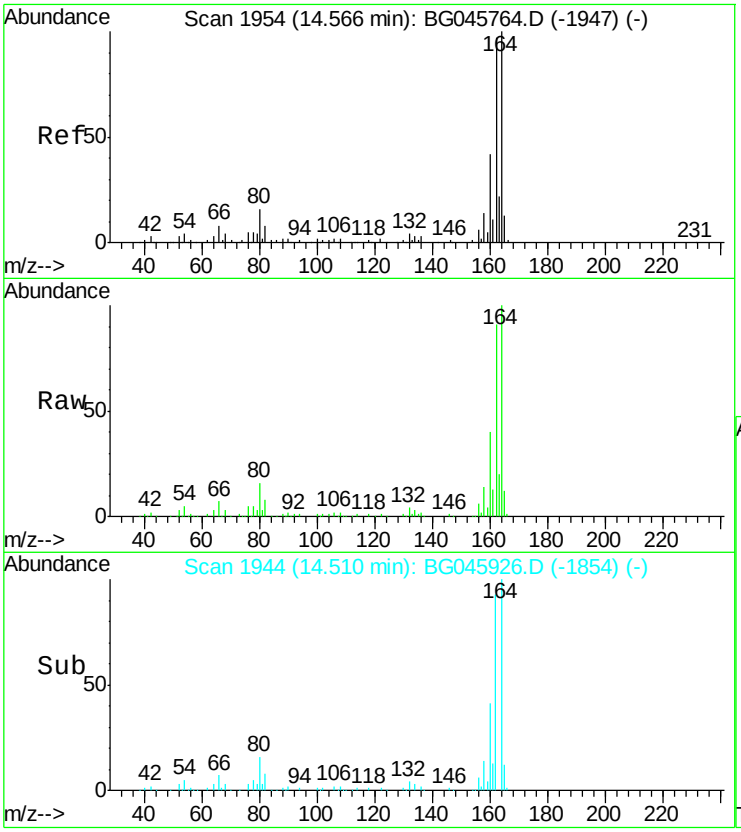


#32
Benzoic acid
Concen: 9.004 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.20 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.1	163.1#
77	0.0	93.9	133.9#



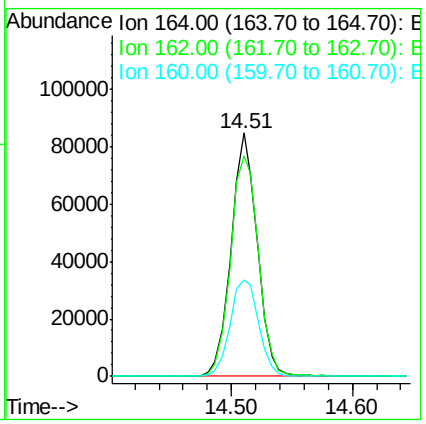


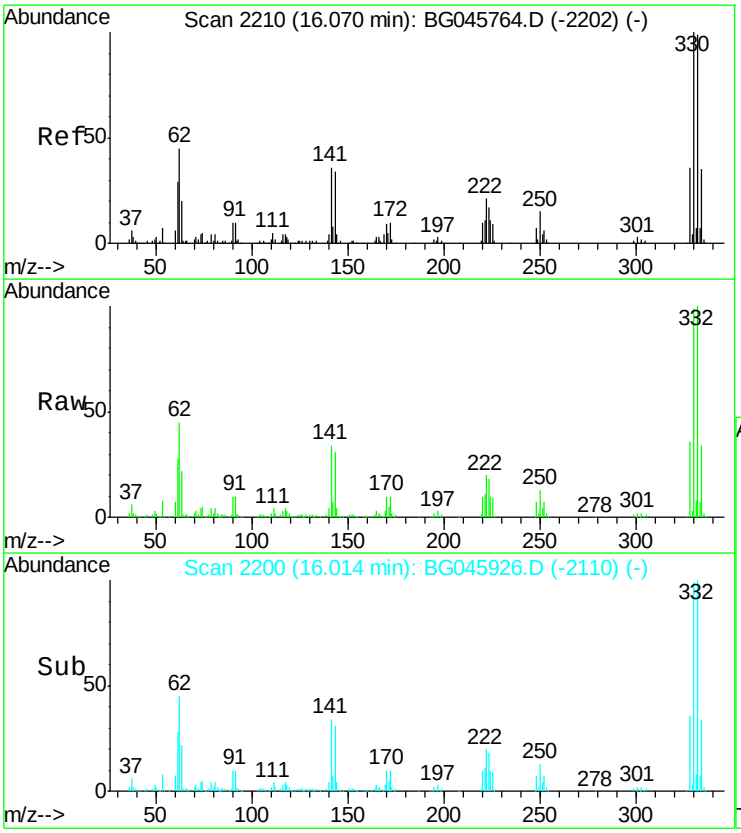
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Instrument :
BNA_G
ClientSampleId :
TP12-SS

Tgt Ion:164 Resp: 127721

Ion	Ratio	Lower	Upper
164	100		
162	90.6	78.8	118.2
160	39.7	33.8	50.6

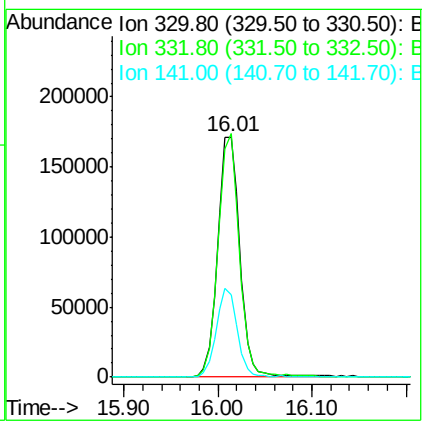


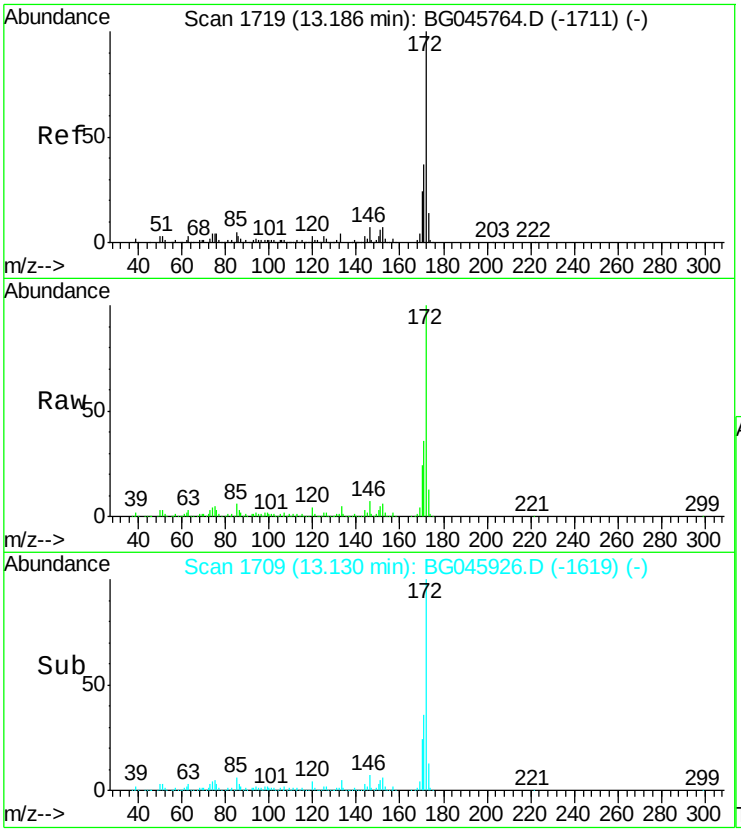


#42
2,4,6-Tribromophenol
Concen: 146.733 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Tgt Ion:330 Resp: 282939

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.4	119.0
141	35.3	28.2	42.2



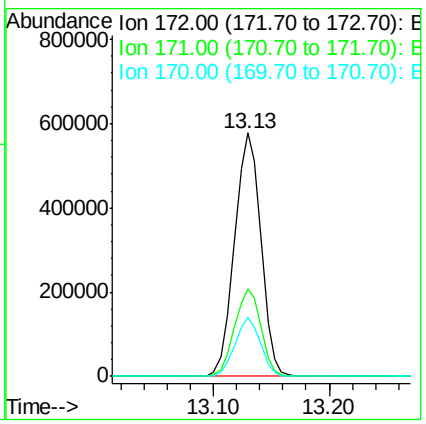


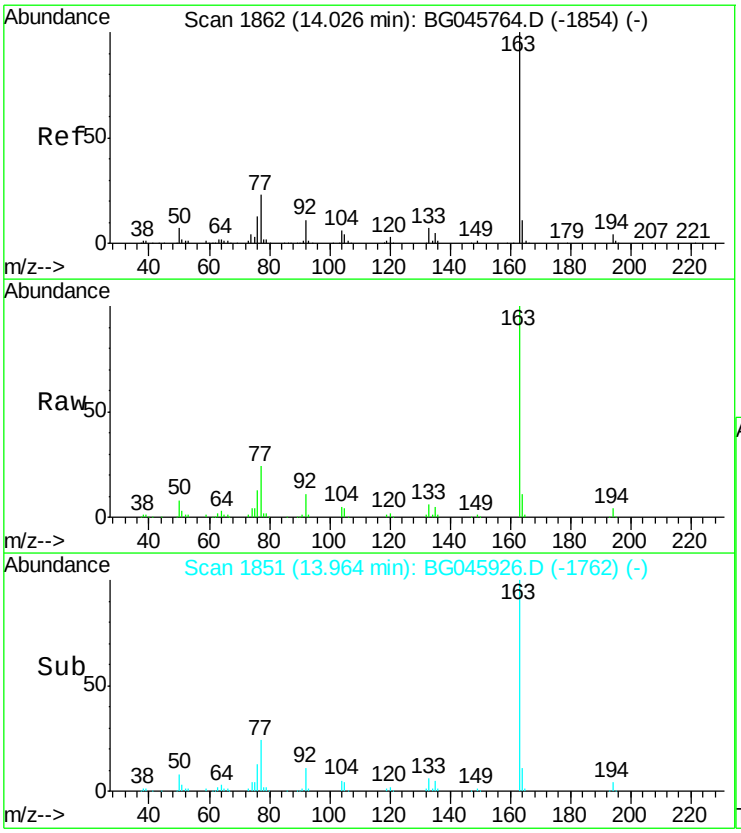
#45
2-Fluorobiphenyl
Concen: 105.159 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Instrument :
BNA_G
ClientSampleId :
TP12-SS

Tgt Ion:172 Resp: 913948

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	24.1	18.9	28.3

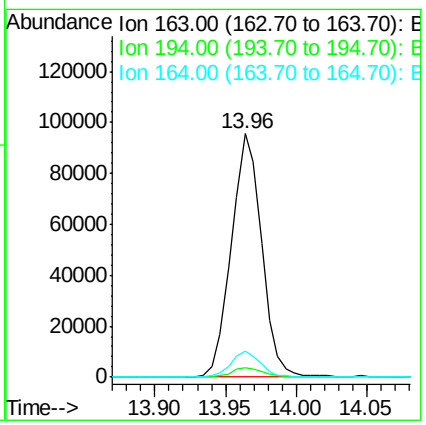


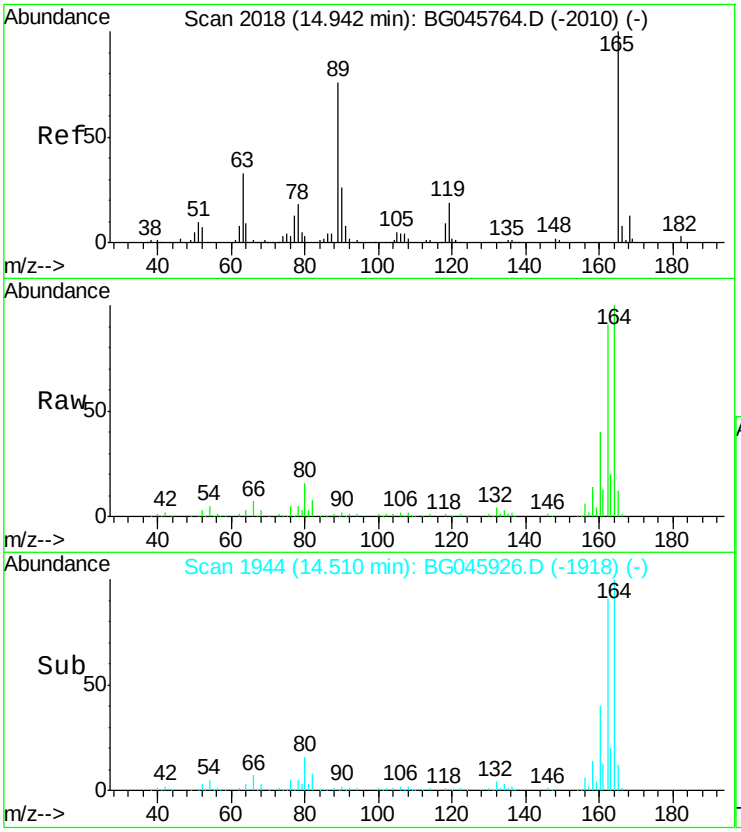


#50
Dimethylphthalate
Concen: 14.311 ng
RT: 13.96 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Tgt Ion:163 Resp: 143188

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	10.9	8.7	13.1



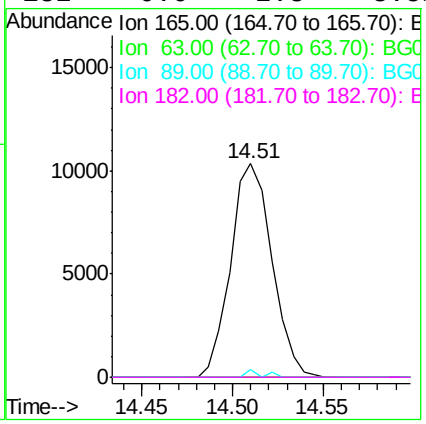


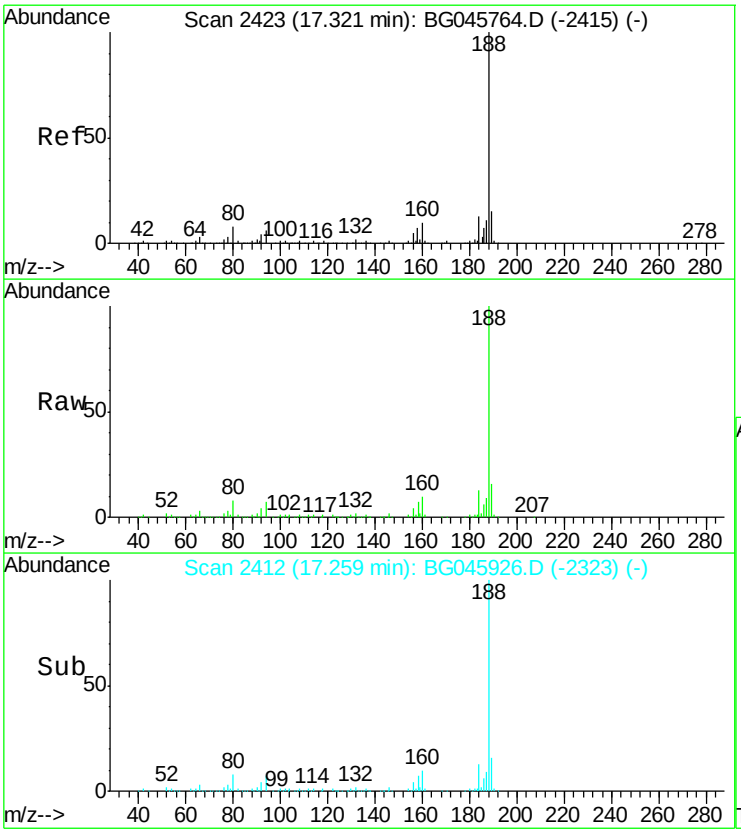
#57
2,4-Dinitrotoluene
Concen: 5.096 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.38 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Instrument :
BNA_G
ClientSampleId :
TP12-SS

Tgt Ion:165 Resp: 16409

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.5	51.7#
89	3.7	60.8	91.2#
182	0.0	2.3	3.5#

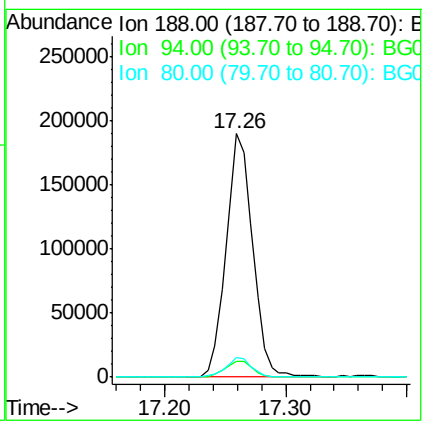


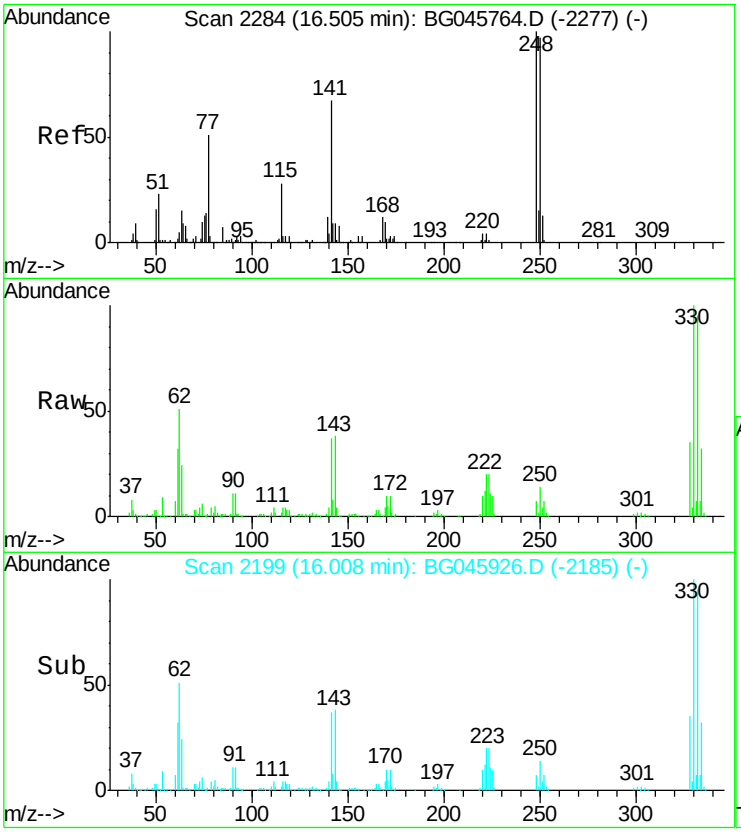


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Tgt Ion:188 Resp: 291241

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.5	8.3
80	7.8	6.1	9.1



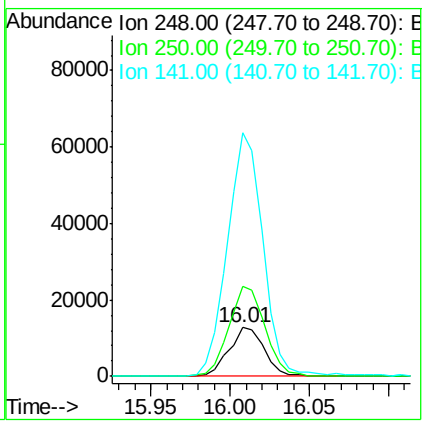


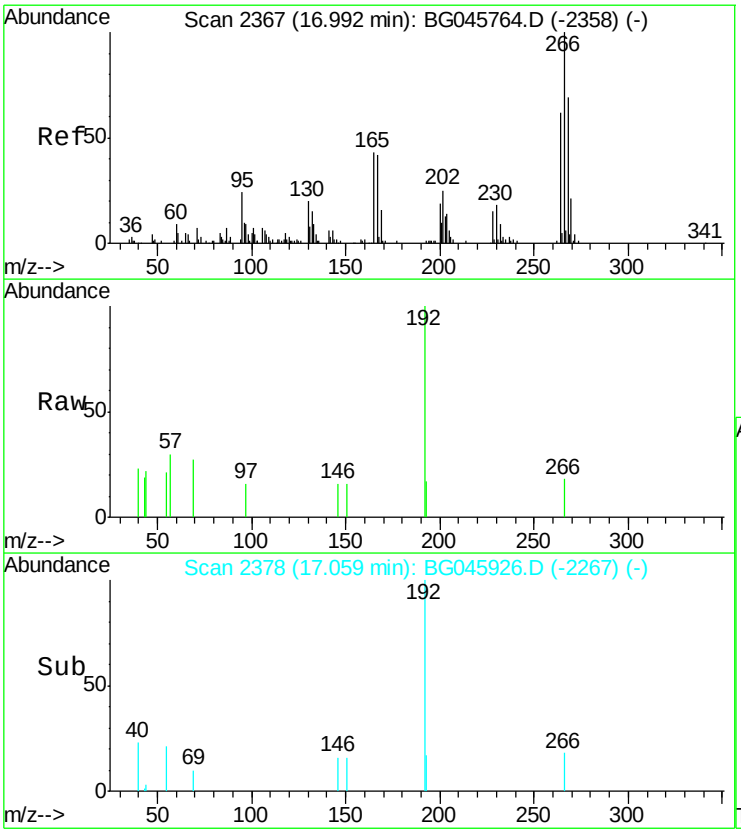
#67
4-Bromophenyl-phenylether
Concen: 5.210 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Instrument :
BNA_G
ClientSampleId :
TP12-SS

Tgt Ion:248 Resp: 19716

Ion	Ratio	Lower	Upper
248	100		
250	184.5	77.2	115.8#
141	501.8	52.6	79.0#

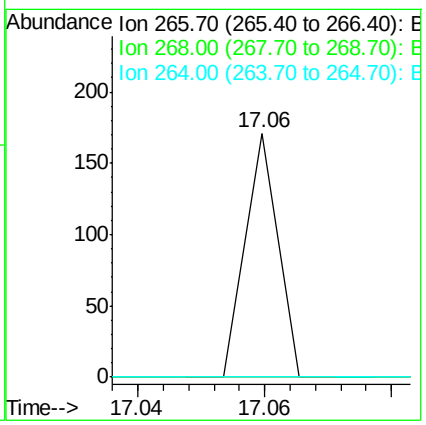


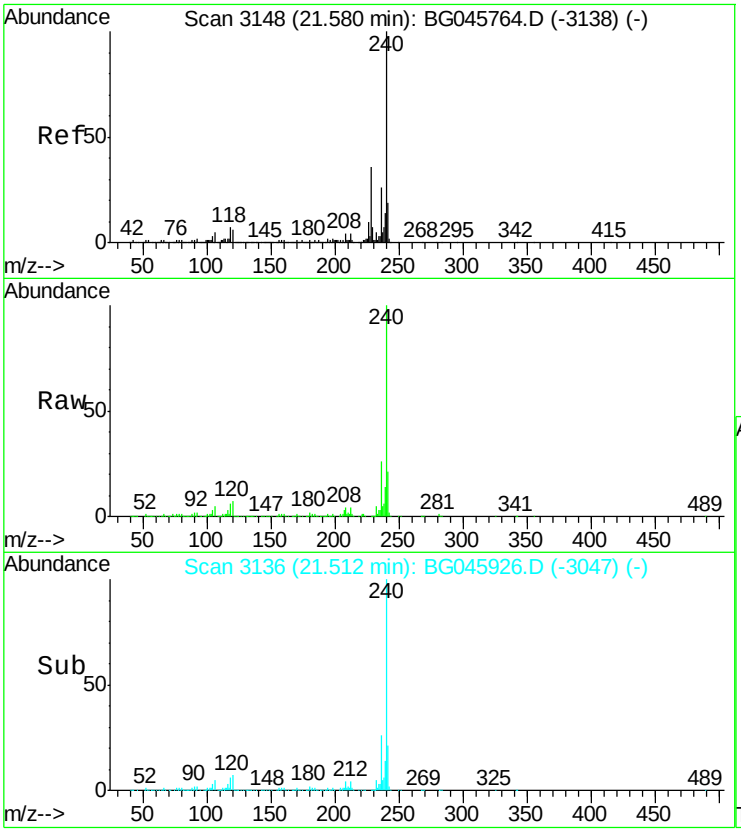


#70
Pentachlorophenol
Concen: 7.660 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.12 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Tgt Ion:266 Resp: 60

Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.5	75.7#
264	0.0	47.0	70.6#



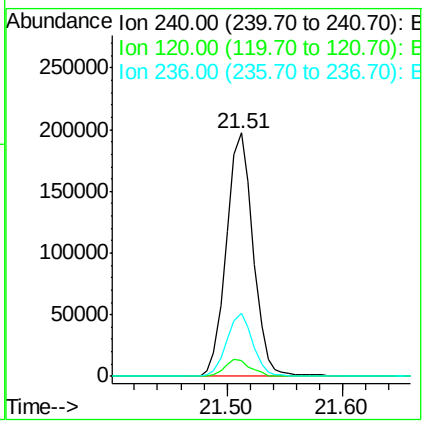


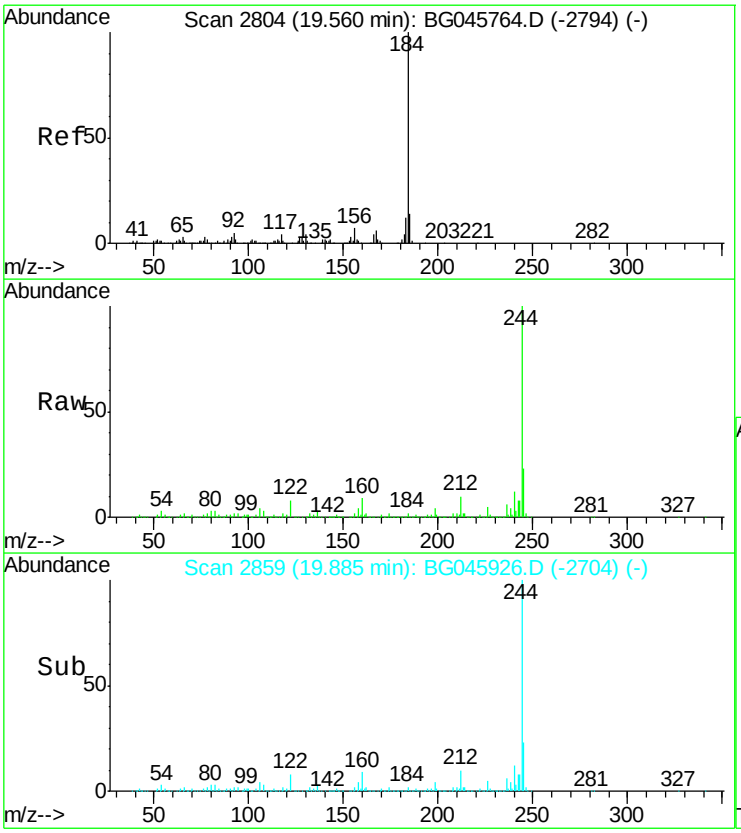
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Instrument :
BNA_G
ClientSampleId :
TP12-SS

Tgt Ion:240 Resp: 317844

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.2	7.8
236	26.0	20.8	31.2

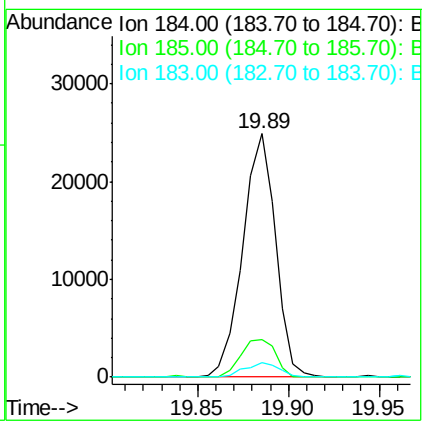


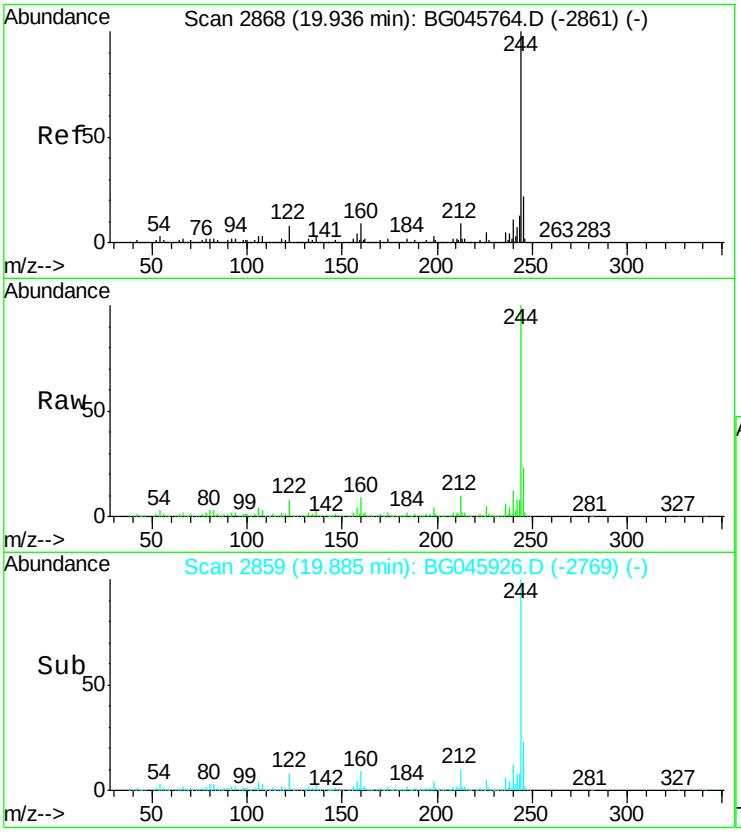


#77
Benzidine
Concen: 3.806 ng
RT: 19.89 min Scan# 2859
Delta R.T. 0.38 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Tgt Ion:184 Resp: 31448

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	5.9	10.6	15.8#



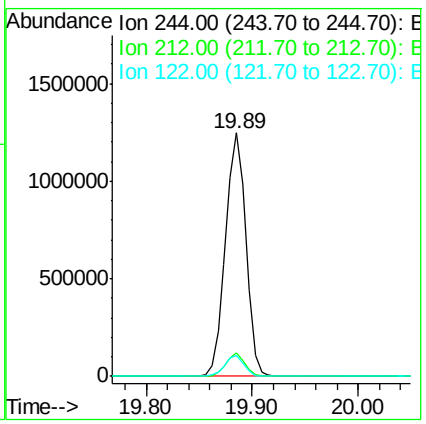


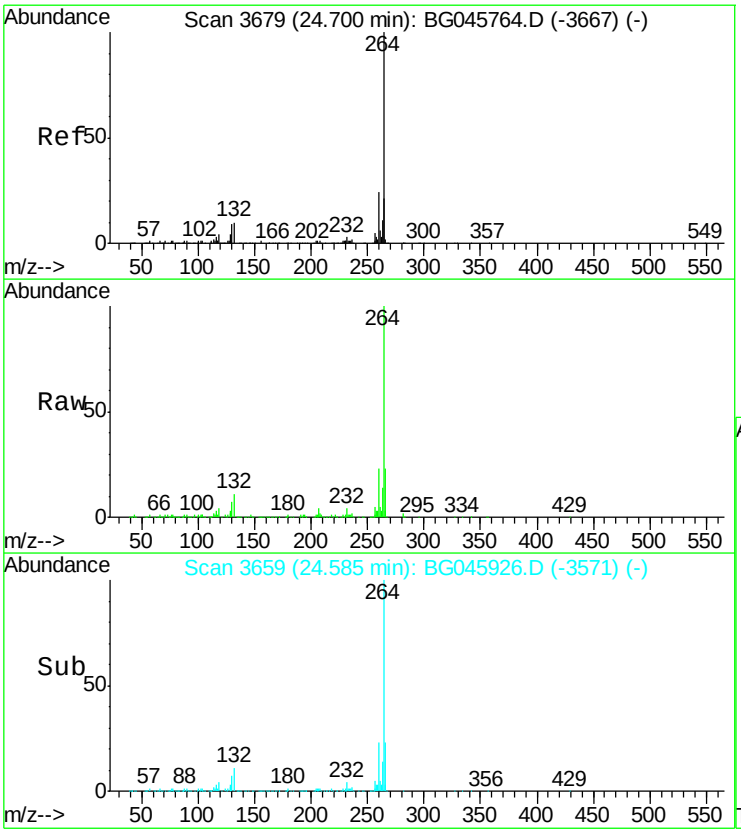
#79
Terphenyl-d14
Concen: 106.117 ng
RT: 19.89 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Instrument :
BNA_G
ClientSampleId :
TP12-SS

Tgt Ion:244 Resp: 1664298

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.0	10.6
122	8.5	6.6	9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3659
Delta R.T. -0.01 min
Lab File: BG045926.D
Acq: 2 Jul 2020 22:46

Tgt Ion:264 Resp: 330747

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	23.3	16.4	24.6