Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045730.D
Acq On : 11 Jun 2020 20:58
Operator : CG/JU
Sample : L2970-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 600472986

Quant Time: Jun 12 02:30:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	41123	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	162930	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	122000	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	304603	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	315437	20.00	ng	-0.01
87) Perylene-d12	24.74	264	331229	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	298093	141.66	ng	-0.01
7) Phenol-d6	7.13	99	380000	126.88	ng	-0.02
23) Nitrobenzene-d5	9.10	82	345991	115.80	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	277174	177.65	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	806855	112.18	ng	0.00
79) Terphenyl-d14	19.95	244	1659842	122.73	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.27	79	6339	2.562	ng	# 54
19) n-Nitroso-di-n-propylamine	9.10	70	47049	22.717	ng	# 81
32) Benzoic acid	10.31	122	61	10.057	ng	# 1
50) Dimethylphthalate	14.04	163	94190	11.254	ng	# 98
54) 2,4-Dinitrophenol	14.91	184	59	5.503	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	15730	5.751	ng	# 21
67) 4-Bromophenyl-phenylether	16.08	248	19300	5.851	ng	# 1
77) Benzidine	19.95	184	31236	3.526	ng	# 91

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

Quantitation Report (Not Reviewed)

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Data File : BG045730.D
Acq On : 11 Jun 2020 20:58
Operator : CG/JU
Sample : L2970-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600472986

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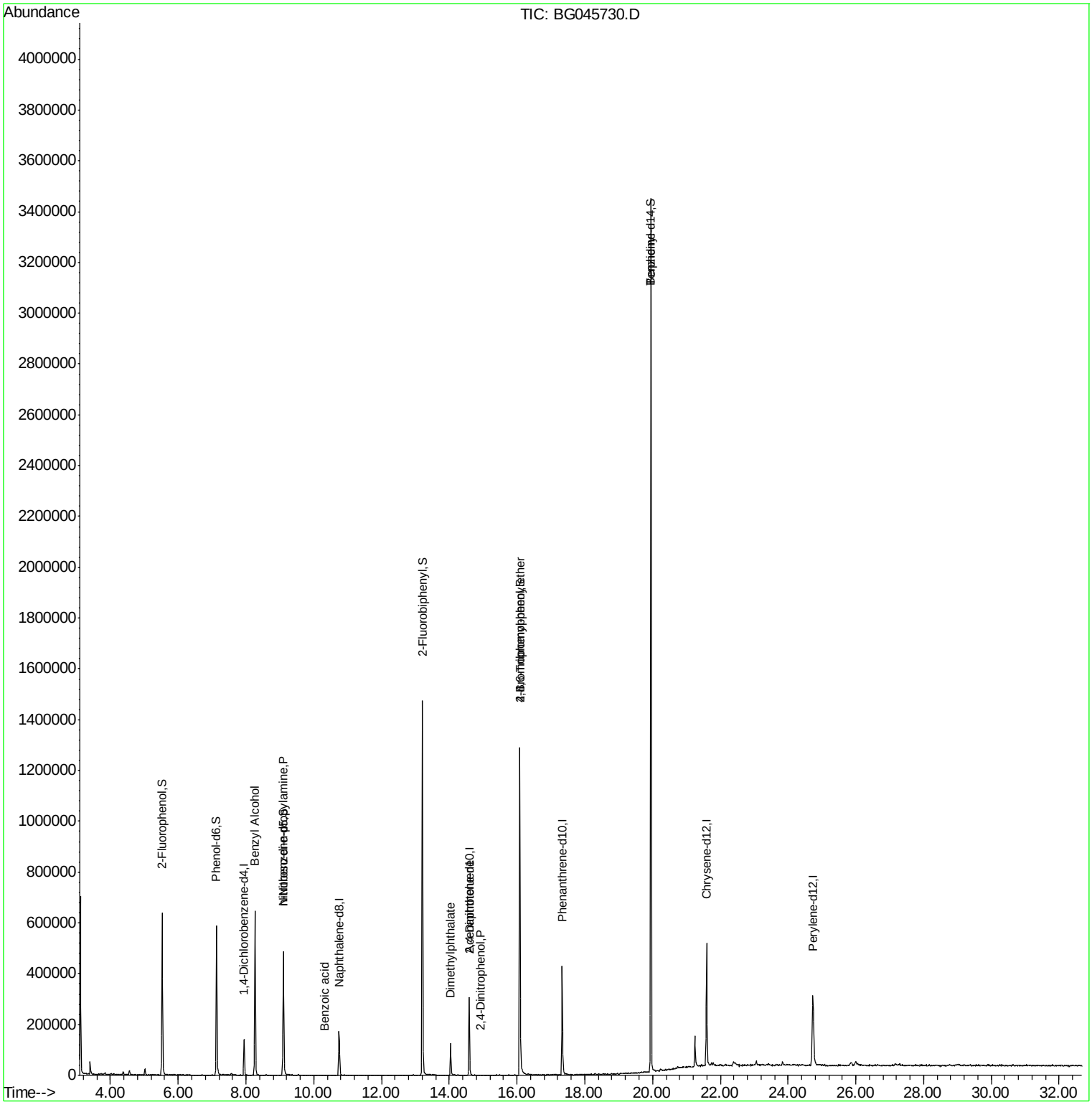
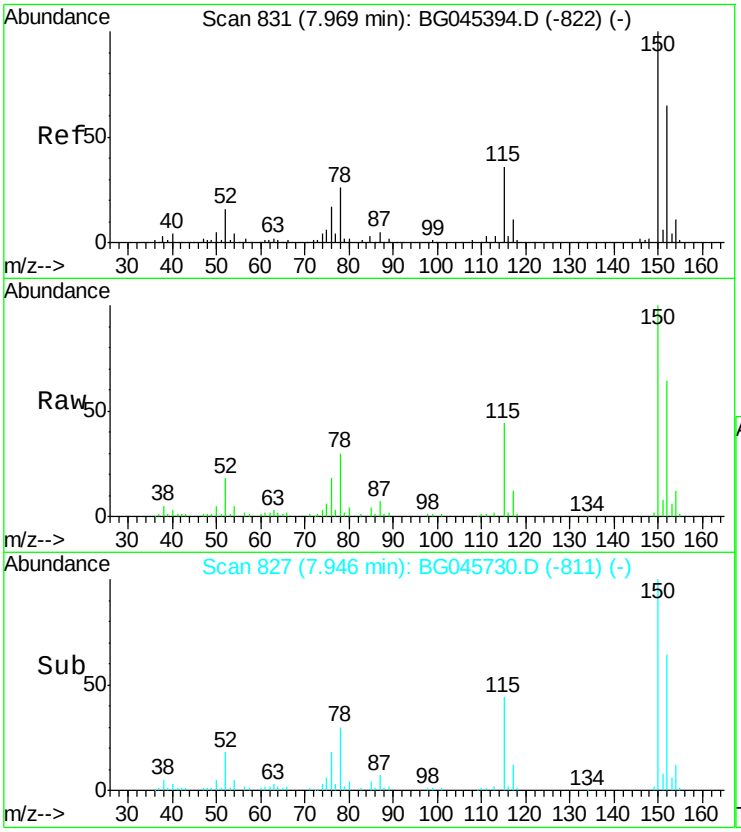


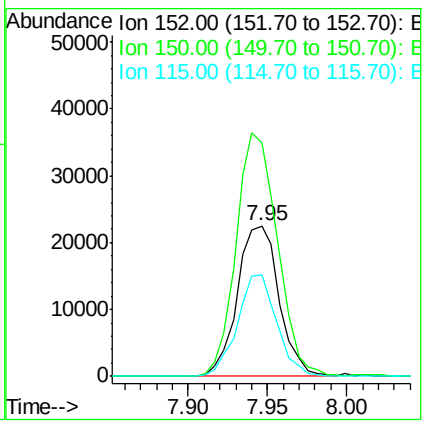


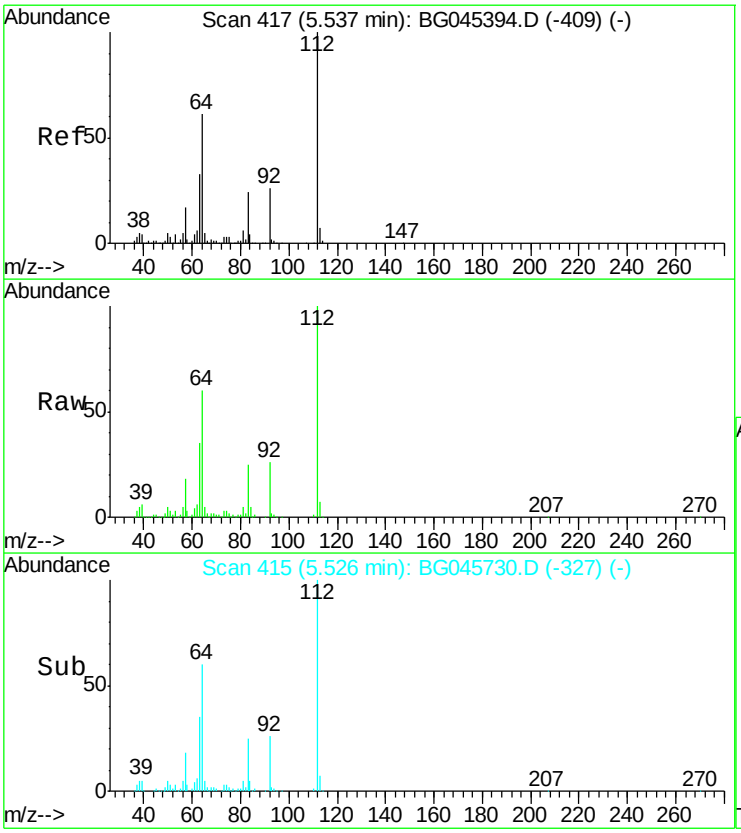
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Instrument :
BNA_G
ClientSampleId :
600472986

Tgt Ion:152 Resp: 41123

Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.4	183.6
115	67.7	44.2	66.4#

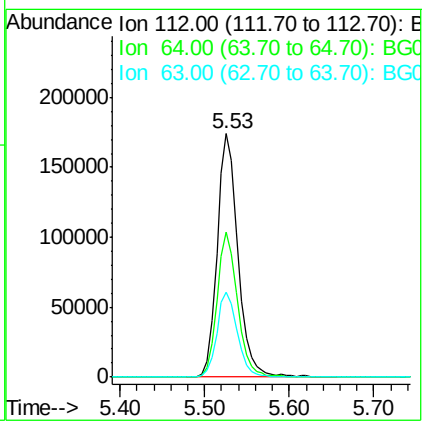


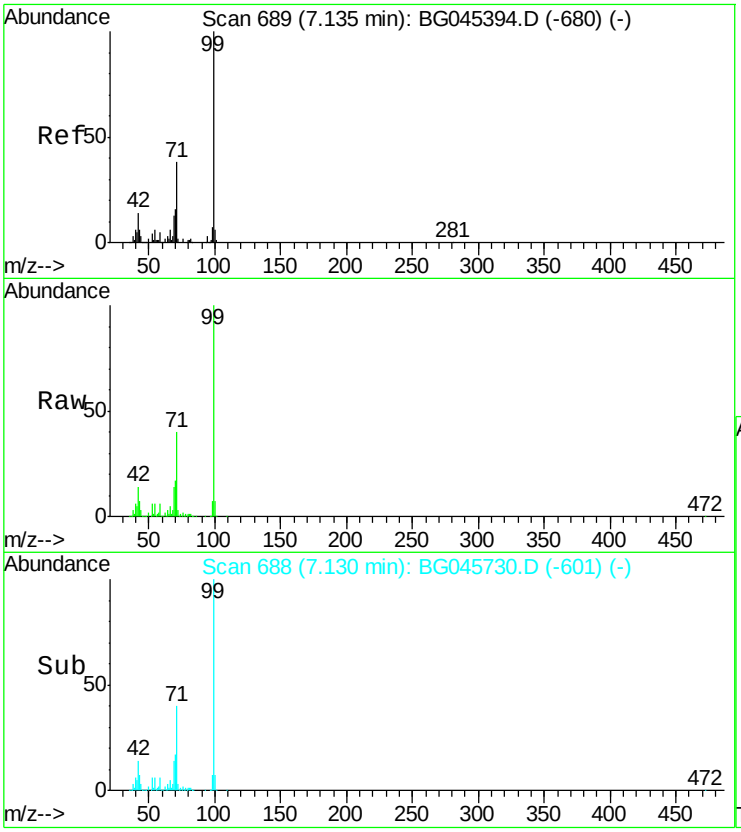


#5
2-Fluorophenol
Concen: 141.663 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Tgt Ion:112 Resp: 298093

Ion	Ratio	Lower	Upper
112	100		
64	59.6	48.6	72.8
63	34.8	26.5	39.7



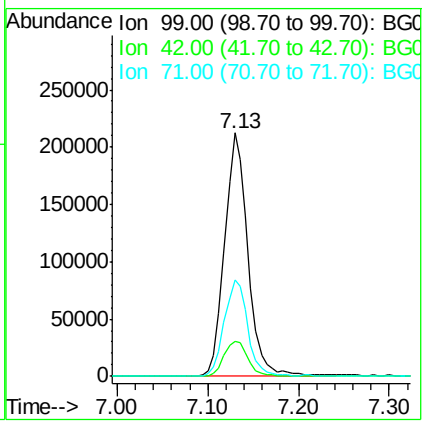


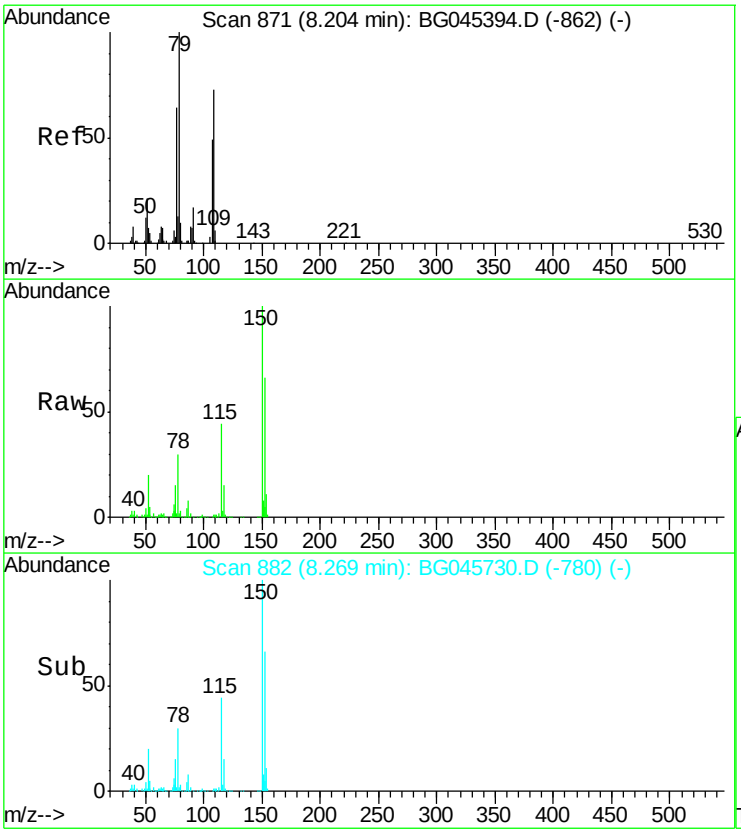
#7
Phenol-d6
Concen: 126.880 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.02 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Instrument :
BNA_G
ClientSampleId :
600472986

Tgt Ion: 99 Resp: 380000

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.3	16.9
71	39.8	30.8	46.2

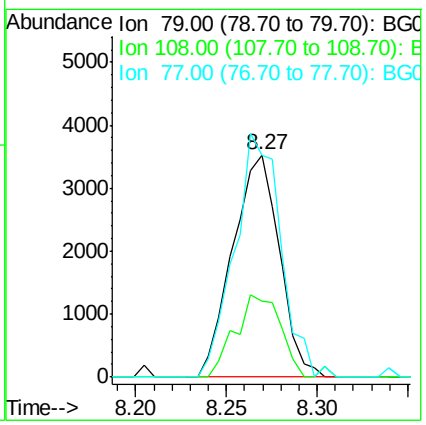


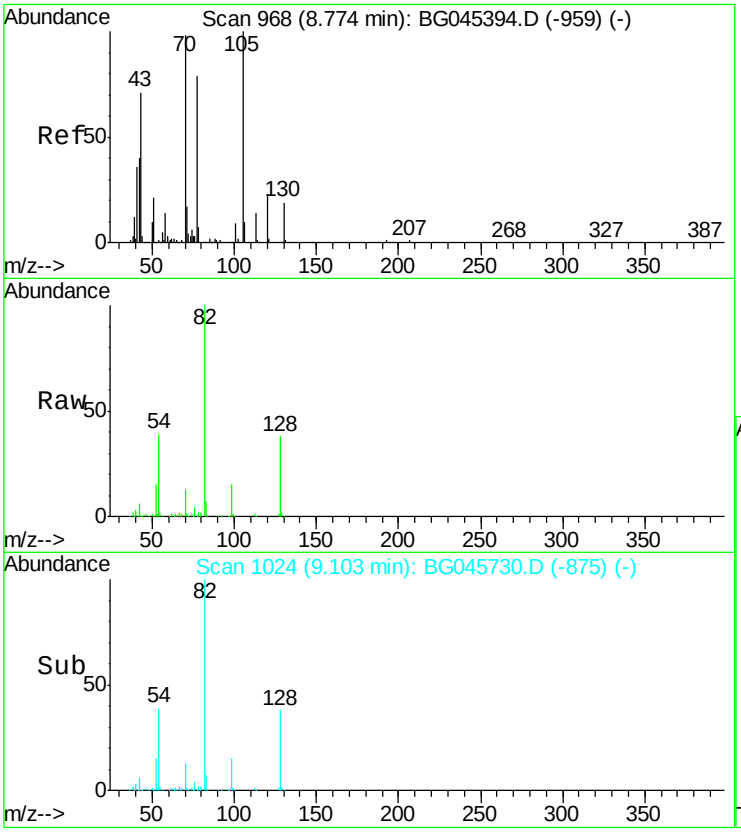


#15
Benzyl Alcohol
Concen: 2.562 ng
RT: 8.27 min Scan# 882
Delta R.T. 0.07 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Tgt Ion: 79 Resp: 6339

Ion	Ratio	Lower	Upper
79	100		
108	34.0	58.2	87.4#
77	99.6	51.0	76.4#



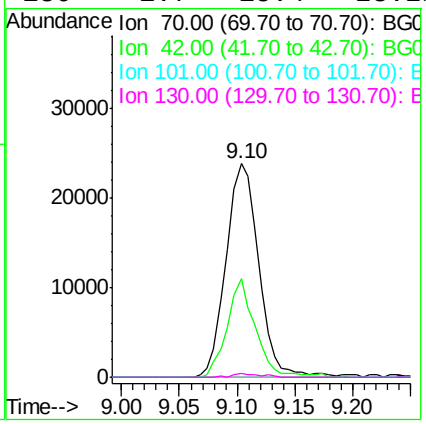


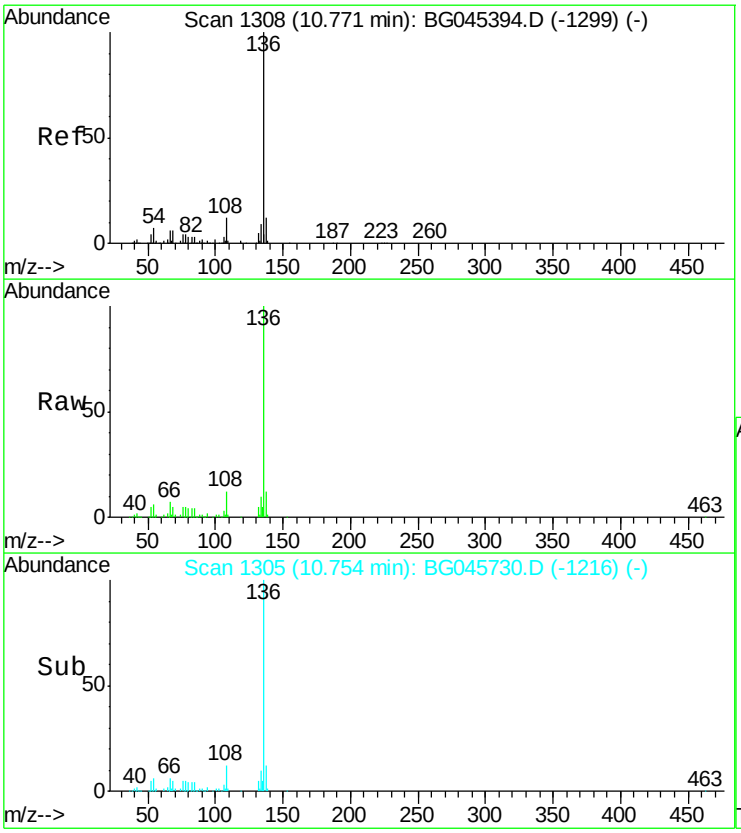
#19
n-Nitroso-di-n-propylamine
Concen: 22.717 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.35 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Instrument :
BNA_G
ClientSampleId :
600472986

Tgt Ion: 70 Resp: 47049

Ion	Ratio	Lower	Upper
70	100		
42	46.4	33.2	49.8
101	0.0	7.8	11.6#
130	1.7	15.4	23.2#

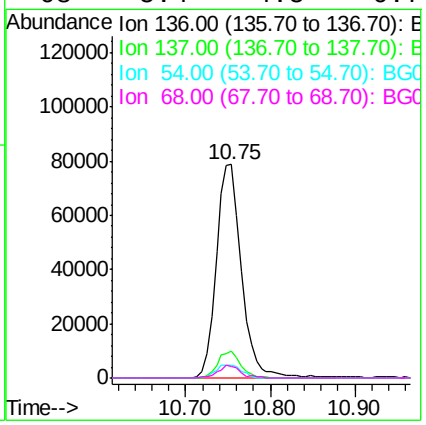


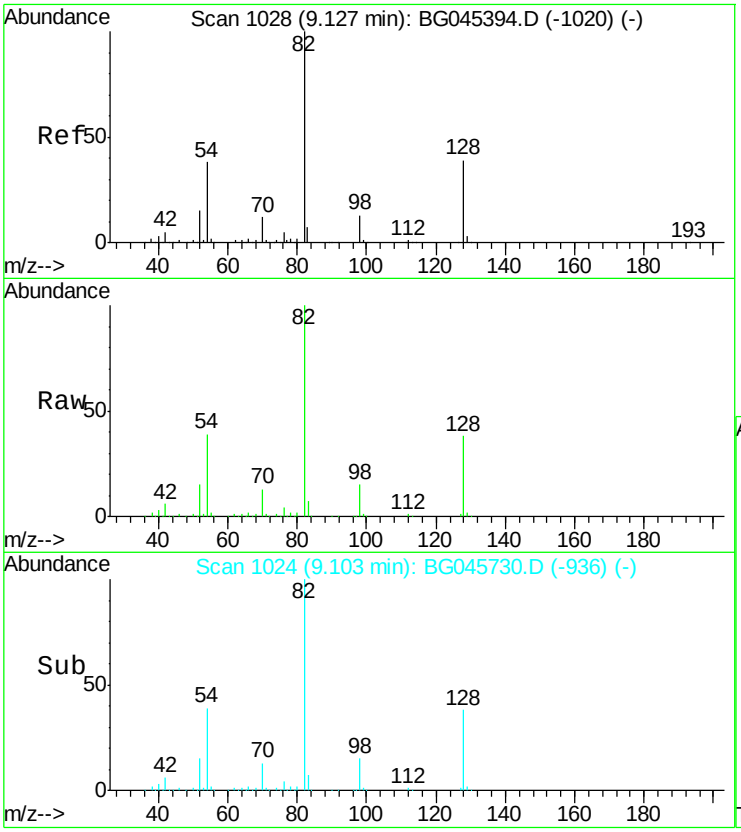


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Tgt Ion:136 Resp: 162930

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.4	14.2
54	6.3	5.8	8.6
68	5.4	4.5	6.7



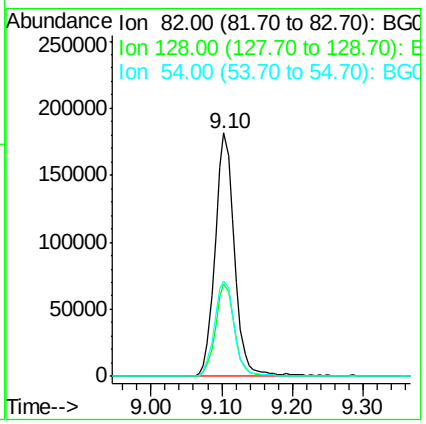


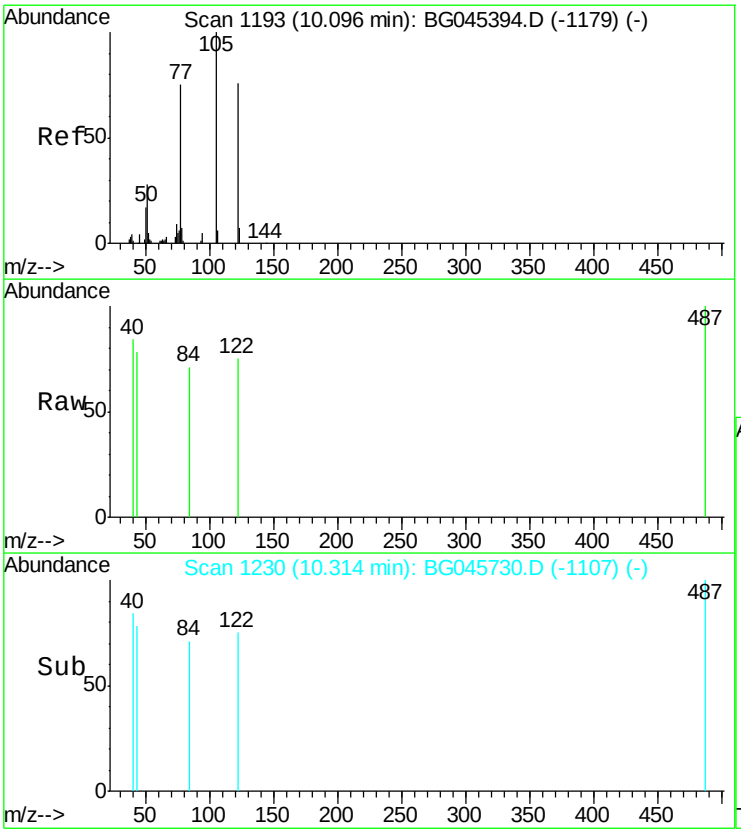
#23
Nitrobenzene-d5
Concen: 115.801 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Instrument :
BNA_G
ClientSampleId :
600472986

Tgt Ion: 82 Resp: 345991

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.9	46.3
54	38.9	30.3	45.5

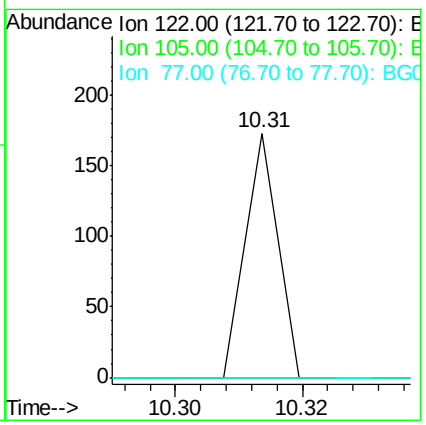


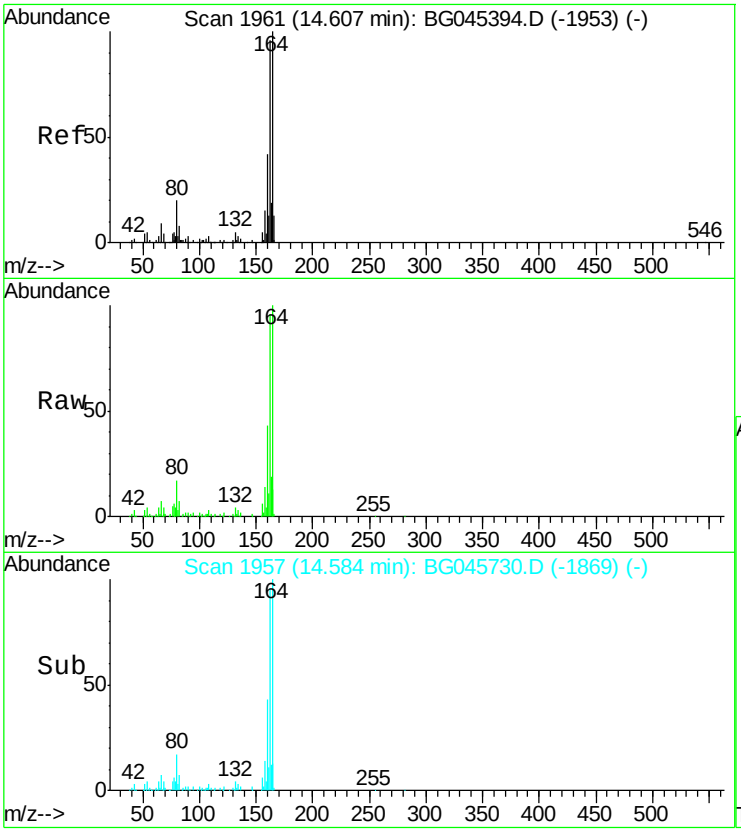


#32
Benzoic acid
Concen: 10.057 ng
RT: 10.31 min Scan# 1230
Delta R.T. 0.19 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Tgt Ion:122 Resp: 61

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#



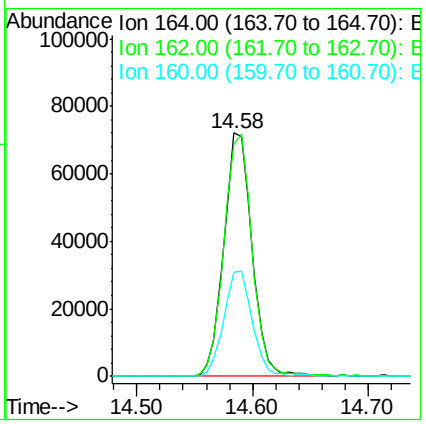


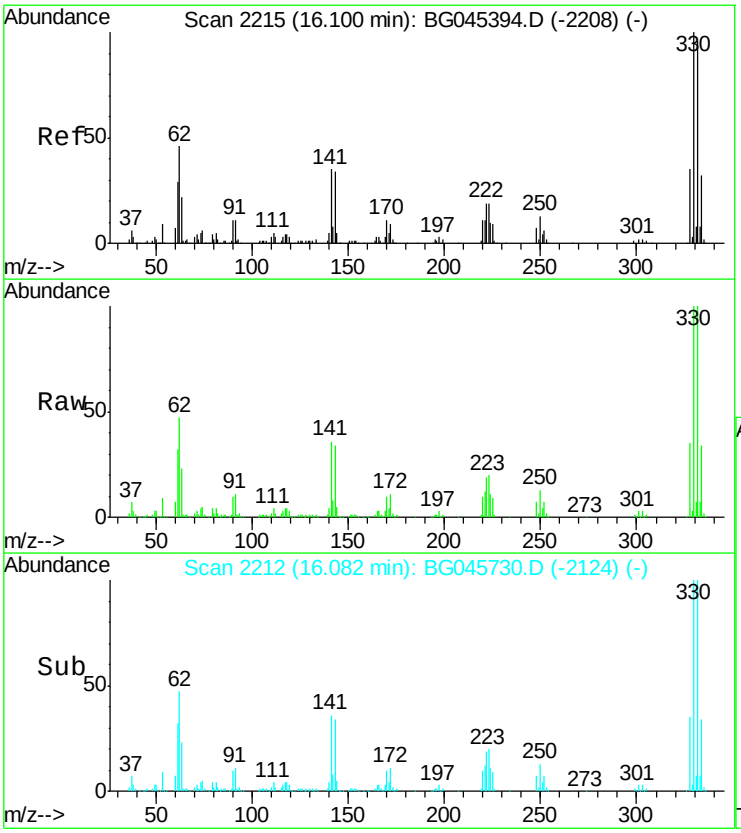
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Instrument :
BNA_G
ClientSampleId :
600472986

Tgt Ion:164 Resp: 122000

Ion	Ratio	Lower	Upper
164	100		
162	95.6	76.9	115.3
160	42.8	33.8	50.8

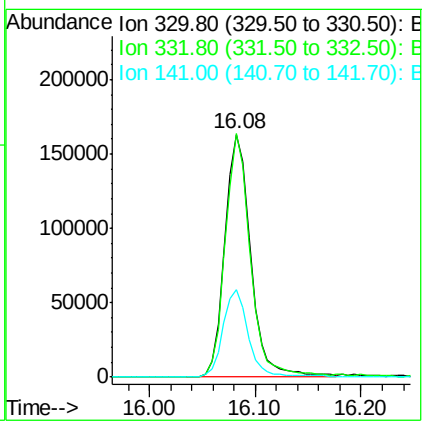


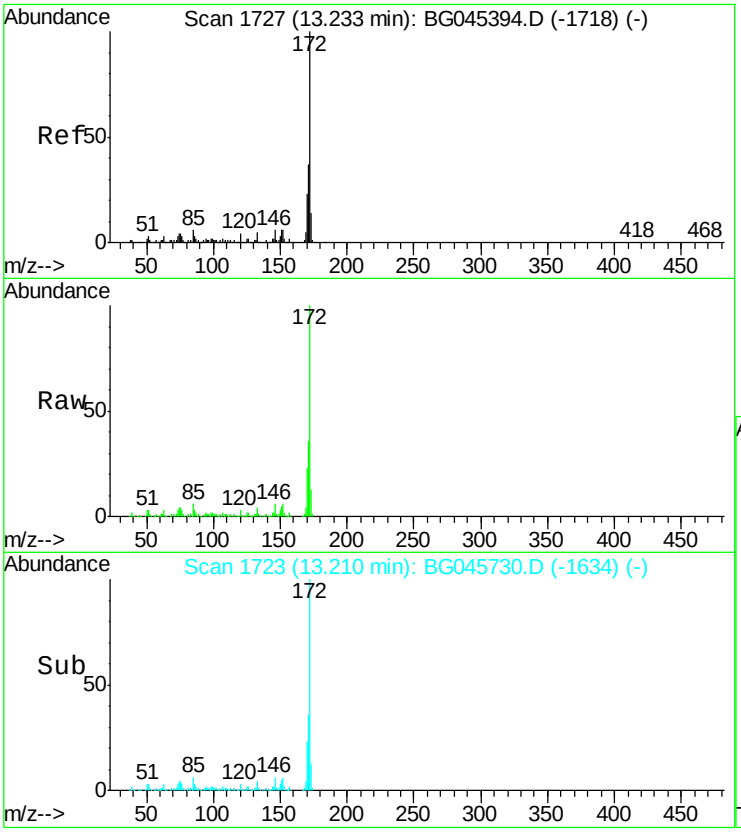


#42
2,4,6-Tribromophenol
Concen: 177.648 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Tgt Ion:330 Resp: 277174

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	35.8	28.2	42.4



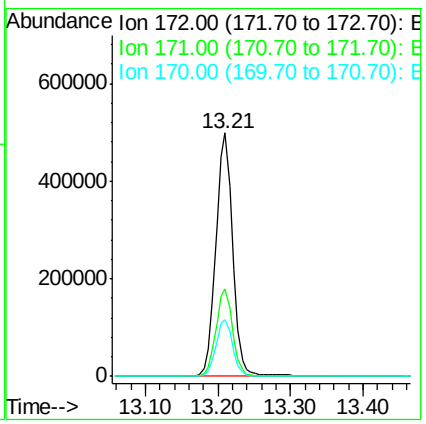


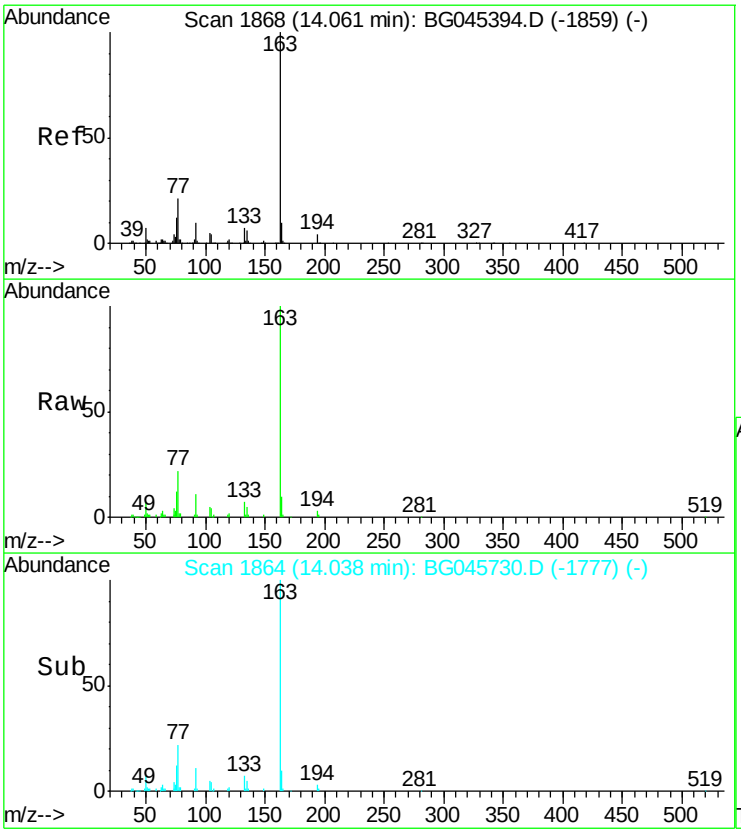
#45
2-Fluorobiphenyl
Concen: 112.180 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Instrument :
BNA_G
ClientSampleId :
600472986

Tgt Ion:172 Resp: 806855

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.5	44.3
170	23.4	18.5	27.7

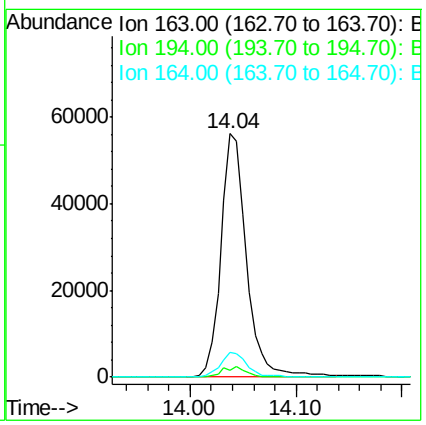


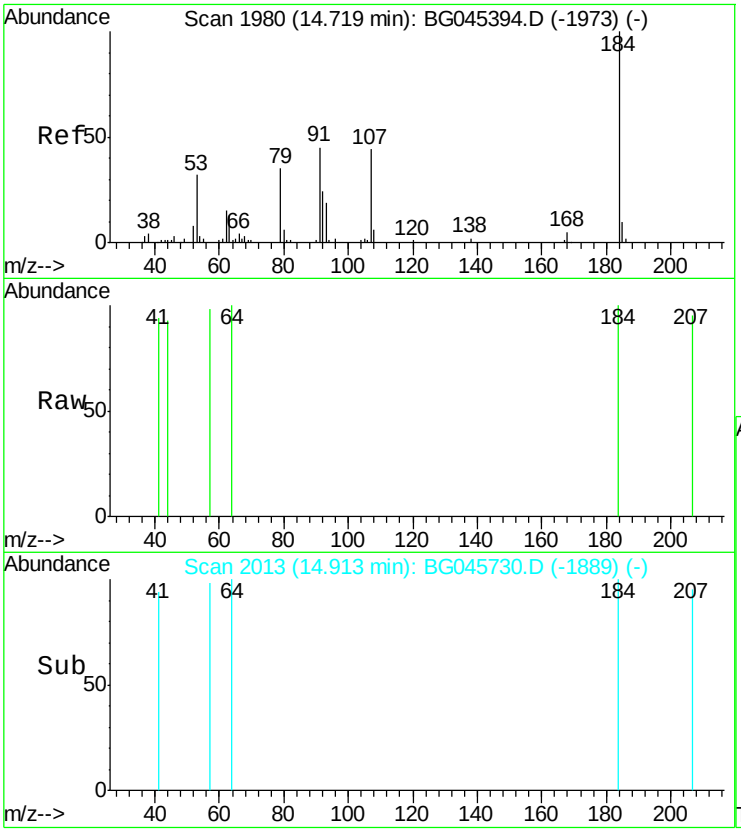


#50
Dimethylphthalate
Concen: 11.254 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Tgt Ion:163 Resp: 94190

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.2	4.8#
164	10.0	8.3	12.5



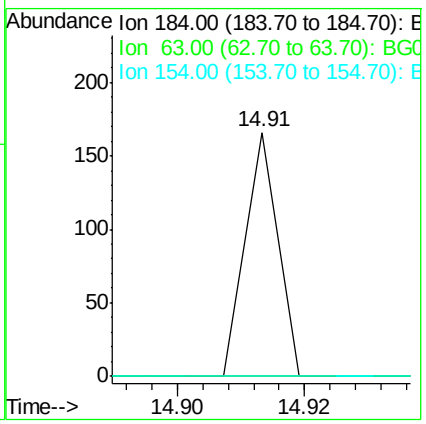


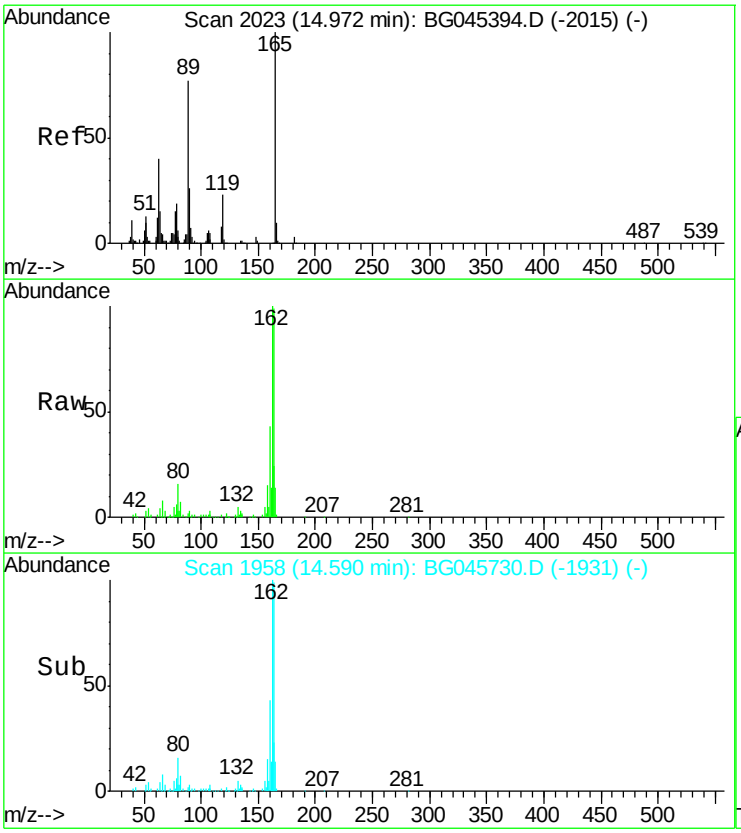
#54
2,4-Dinitrophenol
Concen: 5.503 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.20 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Instrument :
BNA_G
ClientSampleId :
600472986

Tgt Ion:184 Resp: 59

Ion	Ratio	Lower	Upper
184	100		
63	0.0	47.8	71.6#
154	0.0	58.3	87.5#

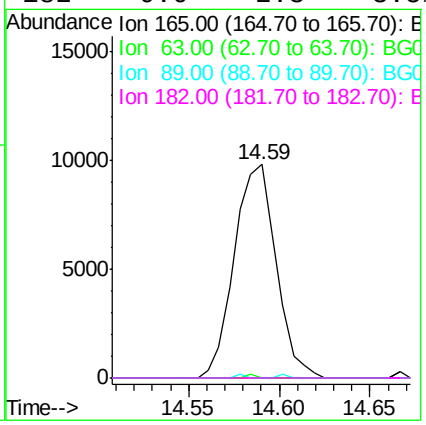


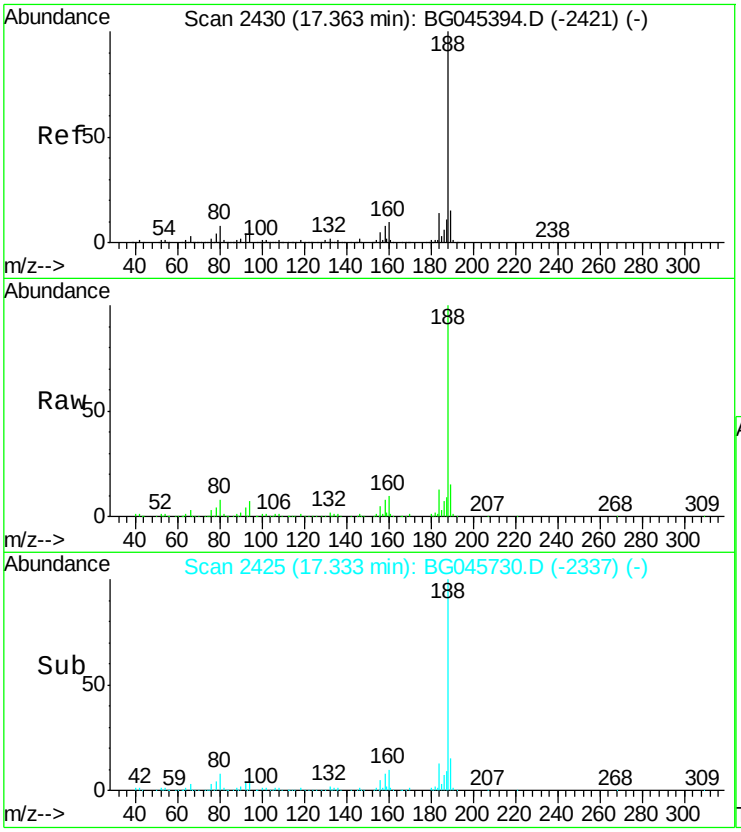


#57
2,4-Dinitrotoluene
Concen: 5.751 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Tgt Ion:165 Resp: 15730

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.5	48.7#
89	0.0	61.8	92.6#
182	0.0	2.3	3.5#



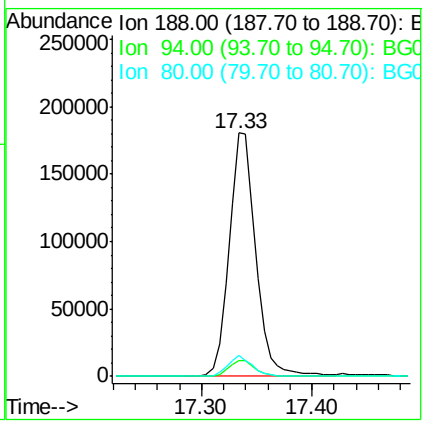


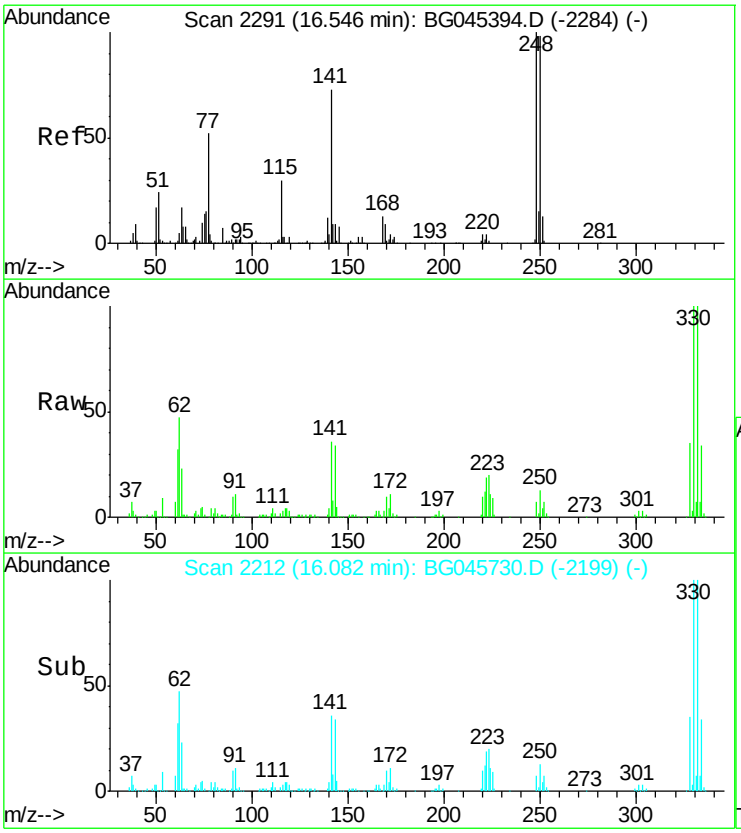
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Instrument :
BNA_G
ClientSampleId :
600472986

Tgt Ion:188 Resp: 304603

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.5	8.3
80	8.4	6.6	10.0

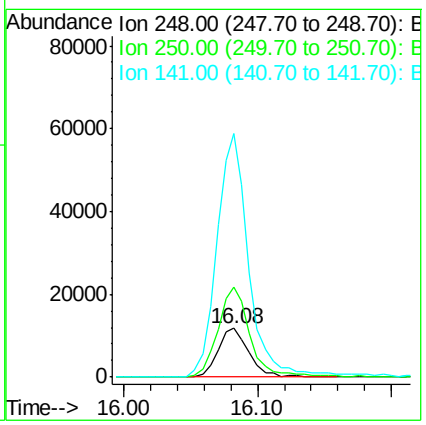


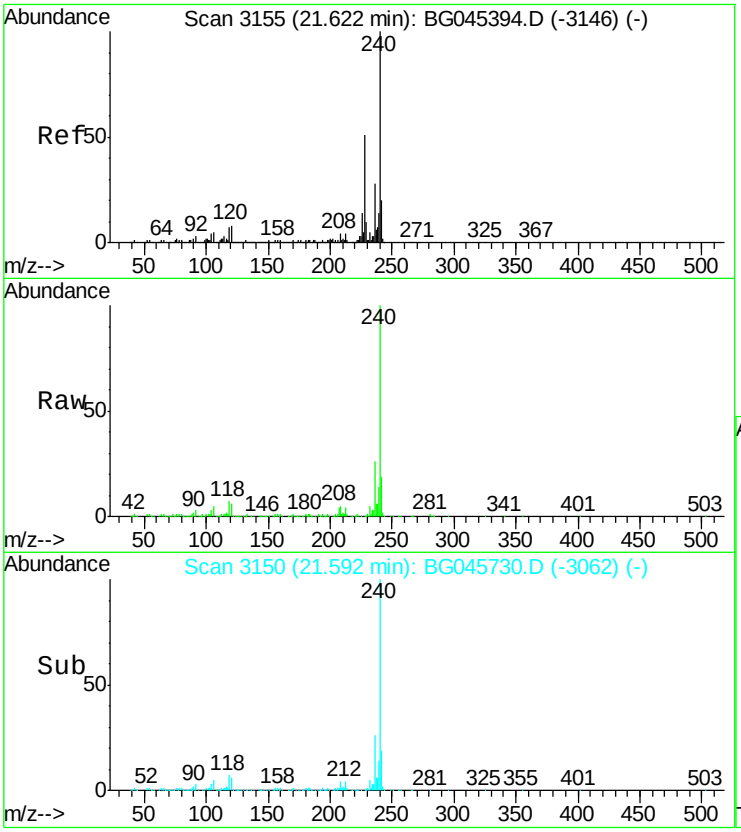


#67
4-Bromophenyl-phenylether
Concen: 5.851 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Tgt Ion:248 Resp: 19300

Ion	Ratio	Lower	Upper
248	100		
250	183.6	78.6	117.8#
141	498.0	58.2	87.2#



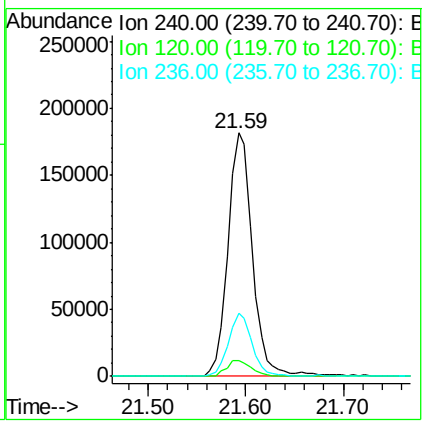


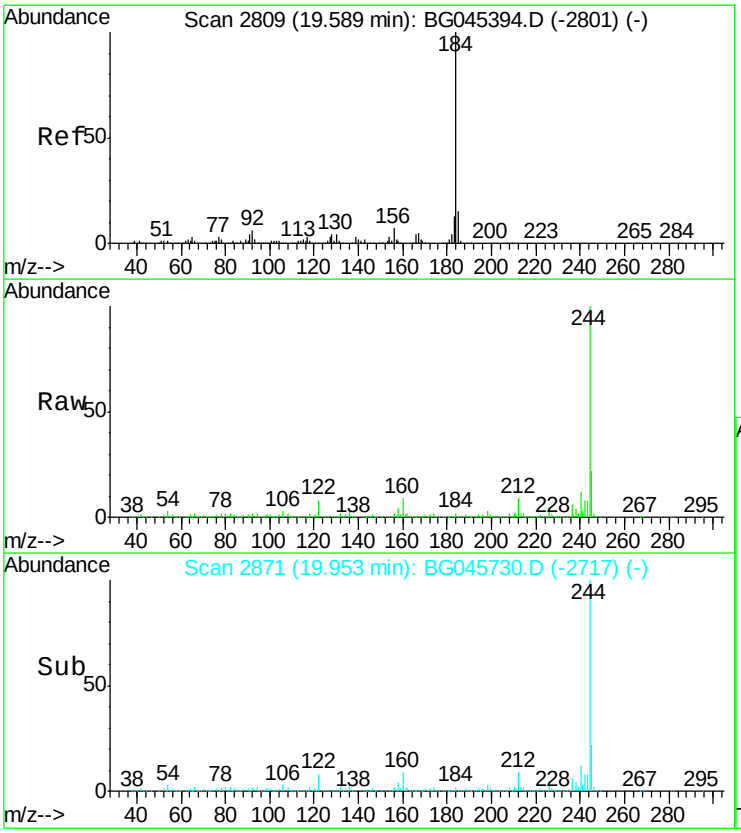
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Instrument :
BNA_G
ClientSampleId :
600472986

Tgt Ion:240 Resp: 315437

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.1	9.1
236	26.0	22.3	33.5

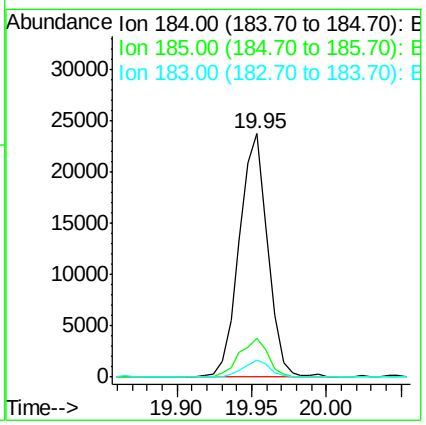


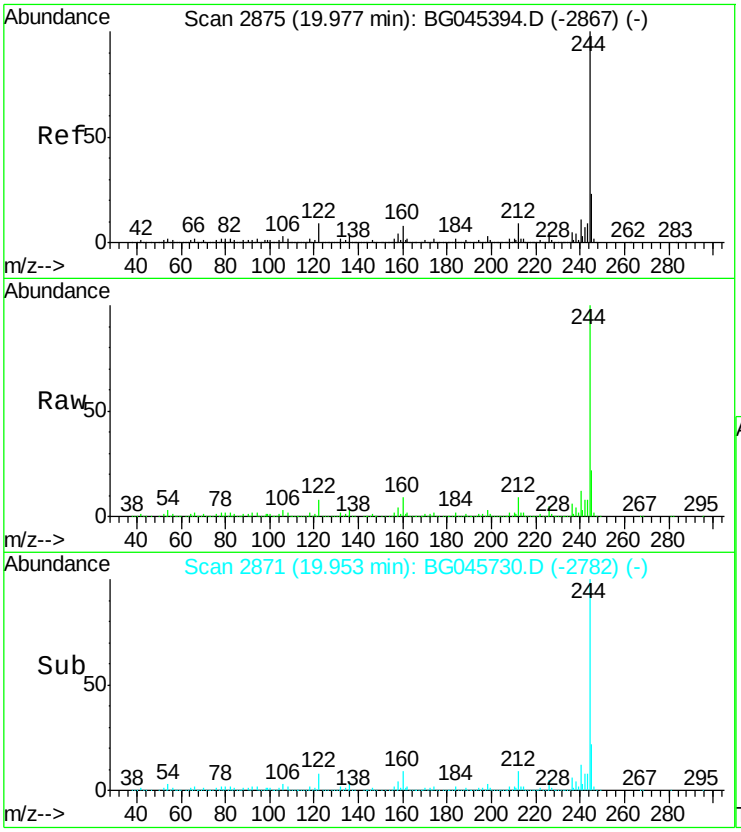


#77
Benzidine
Concen: 3.526 ng
RT: 19.95 min Scan# 2871
Delta R.T. 0.38 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Tgt Ion:184 Resp: 31236

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.7	17.5
183	6.8	10.2	15.4#



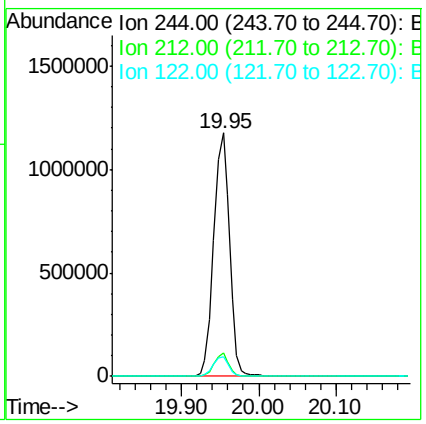


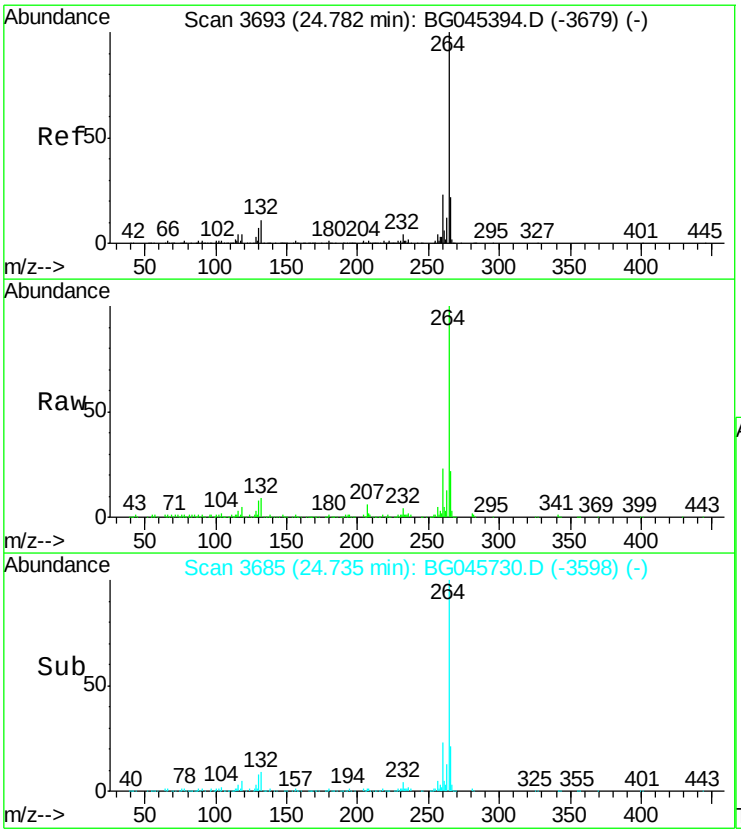
#79
Terphenyl-d14
Concen: 122.726 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Instrument :
BNA_G
ClientSampleId :
600472986

Tgt Ion:244 Resp: 1659842

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.4	11.0
122	8.3	6.8	10.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG045730.D
Acq: 11 Jun 2020 20:58

Tgt Ion:264 Resp: 331229

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.9	17.6	26.4