Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044380.D
Acq On : 11 Feb 2020 8:27
Operator : CG/JU
Sample : L1446-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HP-640

Quant Time: Feb 11 13:04:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	95509	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	379602	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	233706	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	502215	20.00	ng	0.00
76) Chrysene-d12	21.53	240	476237	20.00	ng	0.00
87) Perylene-d12	24.61	264	500825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	204114	37.72	ng	0.00
7) Phenol-d6	7.08	99	158570	21.82	ng	0.00
23) Nitrobenzene-d5	9.06	82	551323	82.00	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	233527	85.12	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1203284	86.22	ng	0.00
79) Terphenyl-d14	19.91	244	1665014	71.91	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.06	70	72556	14.981	ng	# 77
27) 2,4-Dimethylphenol	10.04	122	19785	4.115	ng	# 7
32) Benzoic acid	10.04	122	19785	18.574	ng	97
54) 2,4-Dinitrophenol	14.66	184	905	7.994	ng	# 78
57) 2,4-Dinitrotoluene	14.54	165	31486	5.997	ng	# 28
67) 4-Bromophenyl-phenylether	16.03	248	15925	2.910	ng	# 1
74) Di-n-butylphthalate	18.26	149	259758	9.483	ng	97
80) Butylbenzylphthalate	20.59	149	222845	15.989	ng	98

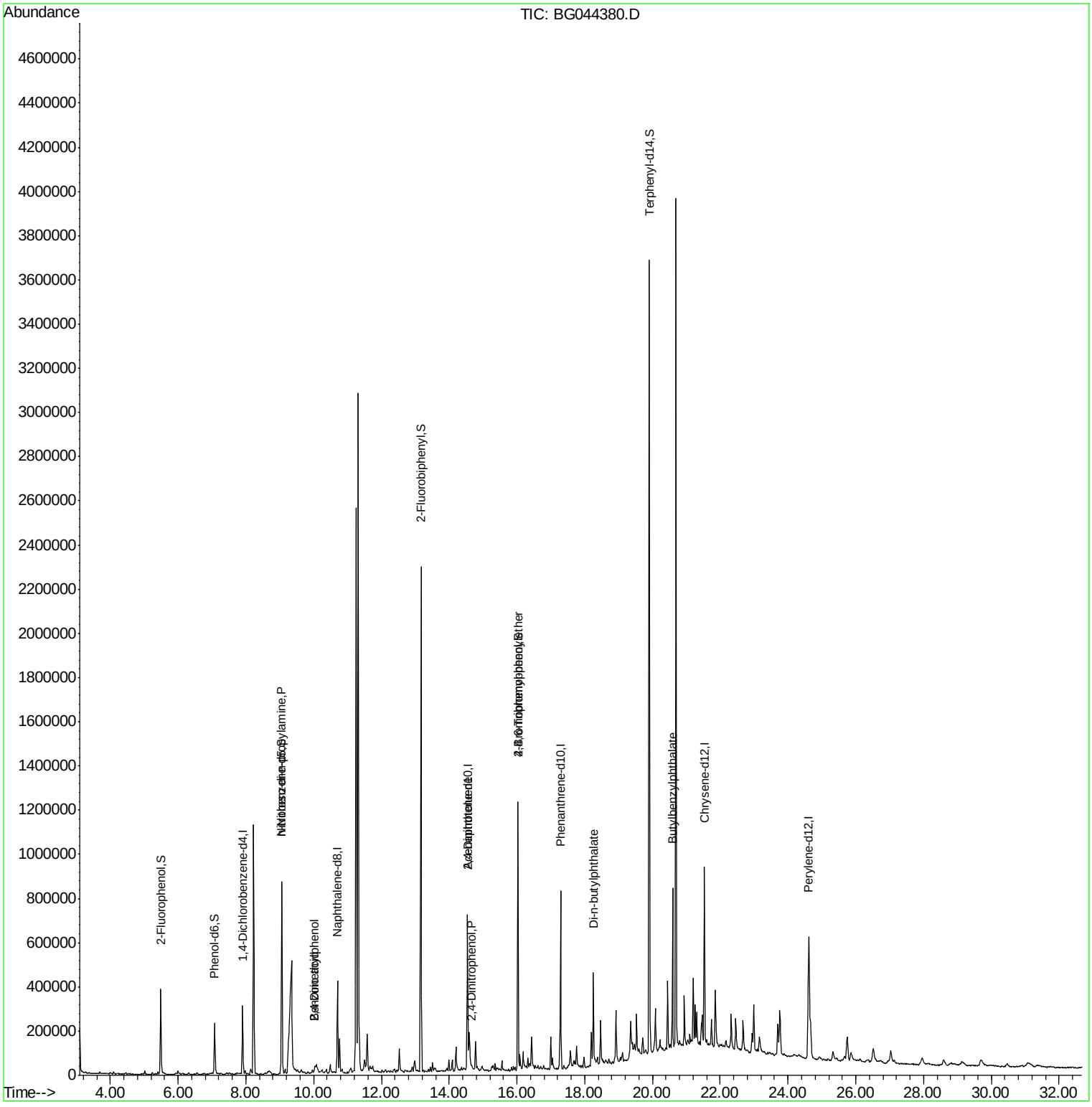
(#) = qualifier out of range (m) = manual integration (+) = signals summed

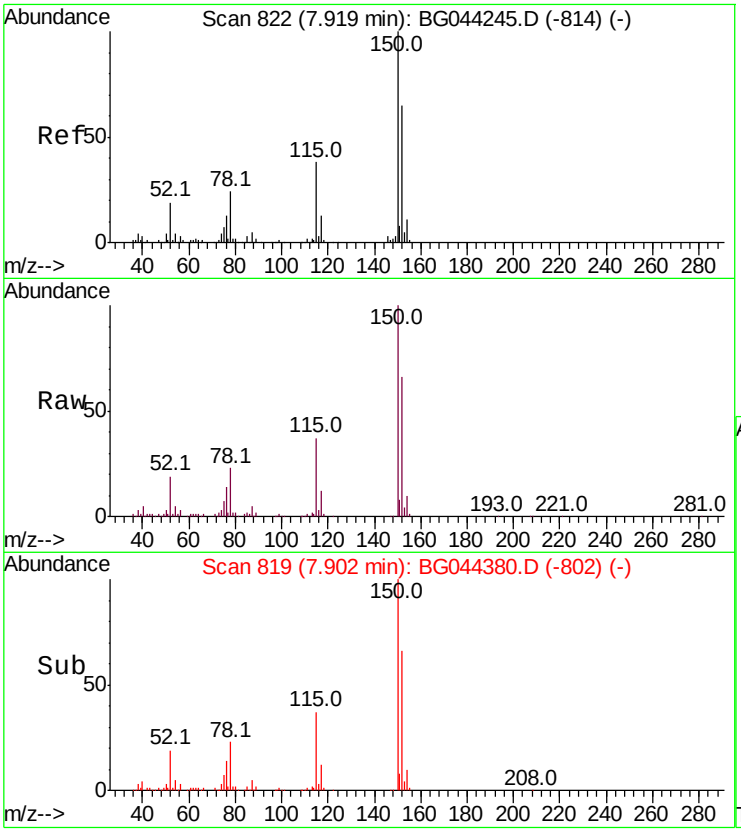
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044380.D
Acq On : 11 Feb 2020 8:27
Operator : CG/JU
Sample : L1446-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HP-640

Quant Time: Feb 11 13:04:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



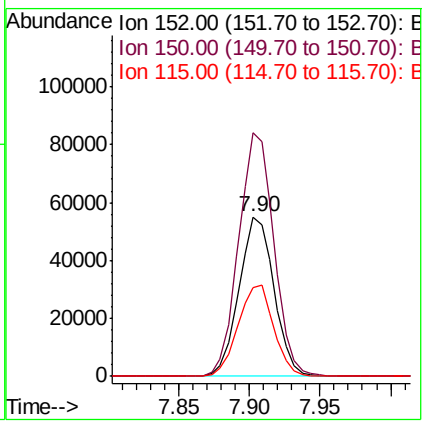


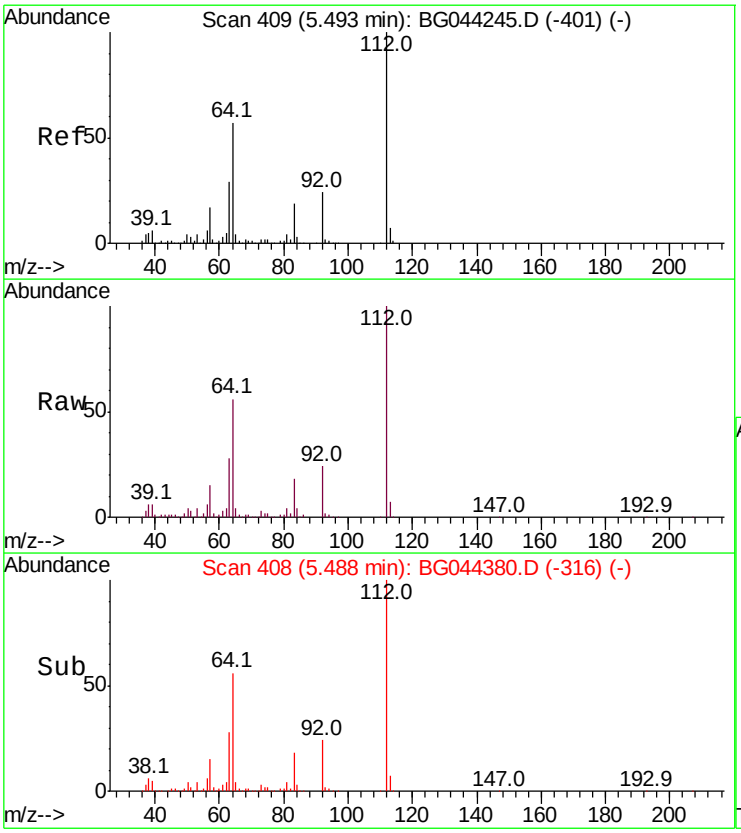
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion:152 Resp: 95509

Ion	Ratio	Lower	Upper
152	100		
150	152.5	122.6	183.8
115	55.9	46.0	69.0

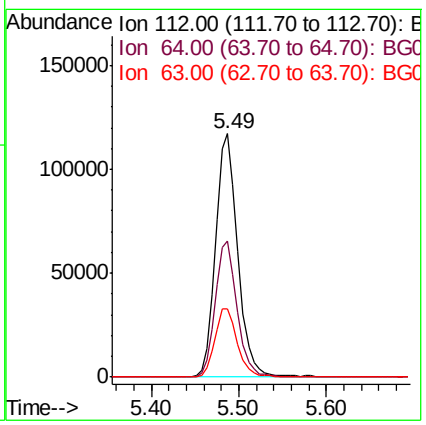


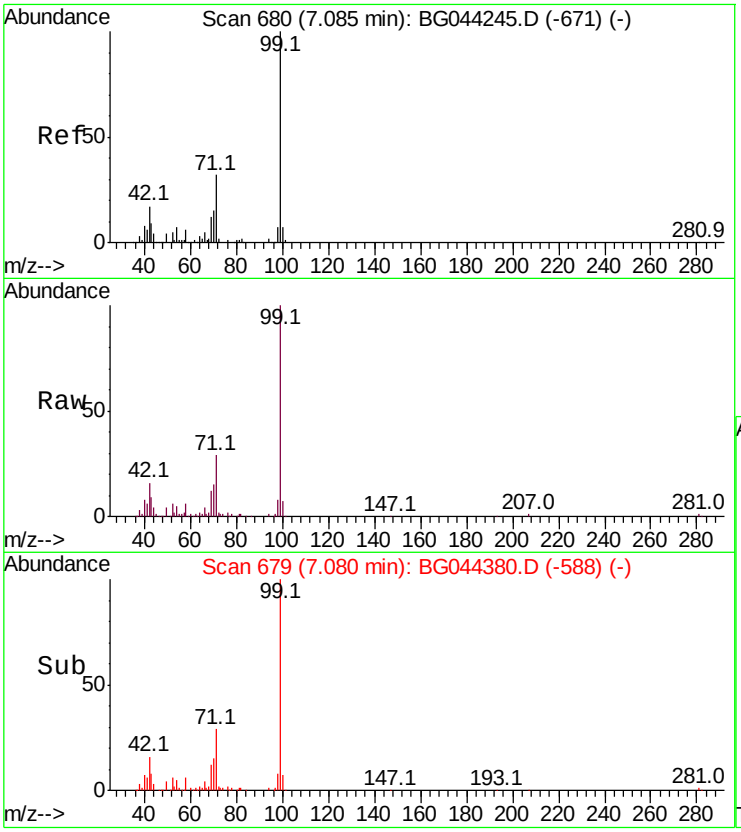


#5
2-Fluorophenol
Concen: 37.717 ng
RT: 5.49 min Scan# 408
Delta R.T. 0.01 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Tgt Ion:112 Resp: 204114

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.4	68.2
63	28.2	22.9	34.3



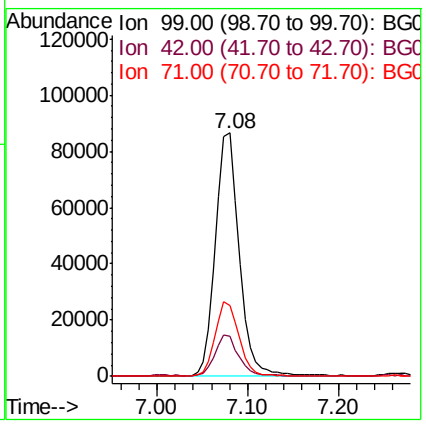


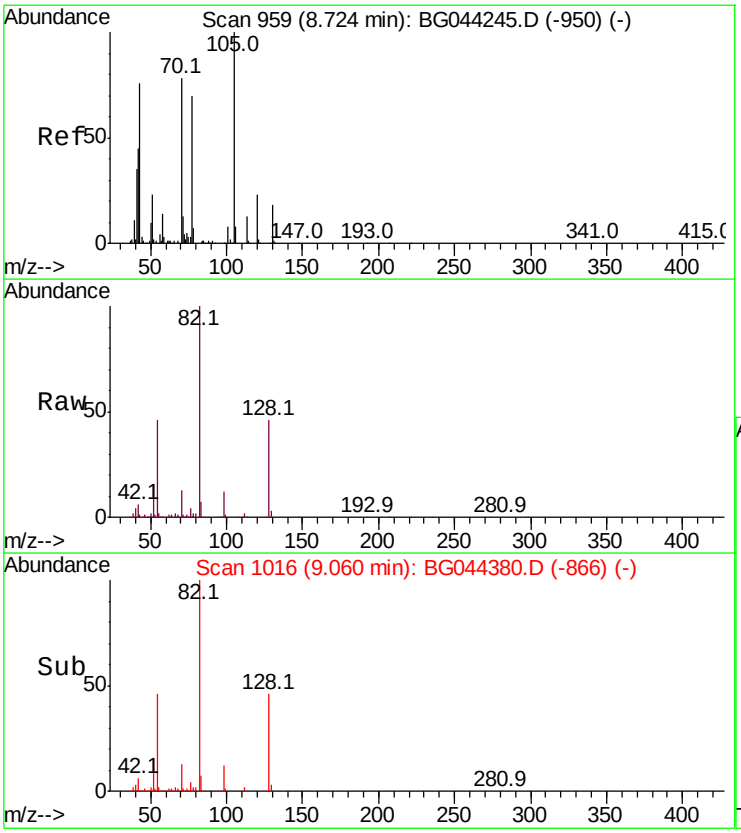
#7
Phenol-d6
Concen: 21.820 ng
RT: 7.08 min Scan# 679
Delta R.T. 0.00 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion: 99 Resp: 158570

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.8	20.6
71	29.2	25.5	38.3

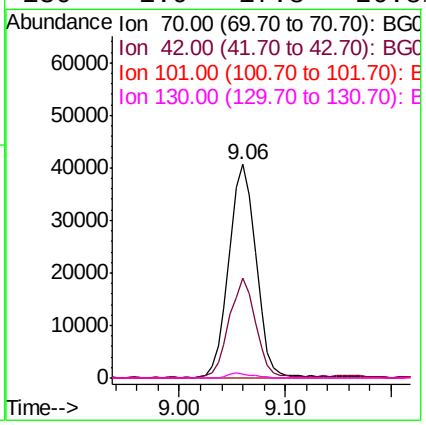


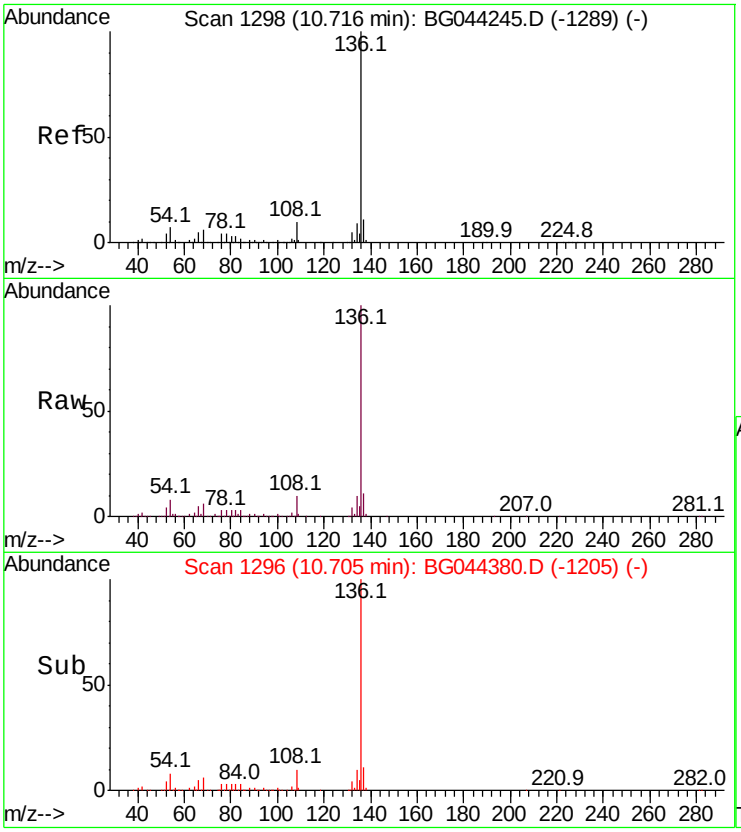


#19
n-Nitroso-di-n-propylamine
Concen: 14.981 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.35 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Tgt Ion: 70 Resp: 72556

Ion	Ratio	Lower	Upper
70	100		
42	47.0	46.2	69.2
101	0.0	8.4	12.6#
130	1.9	17.8	26.8#



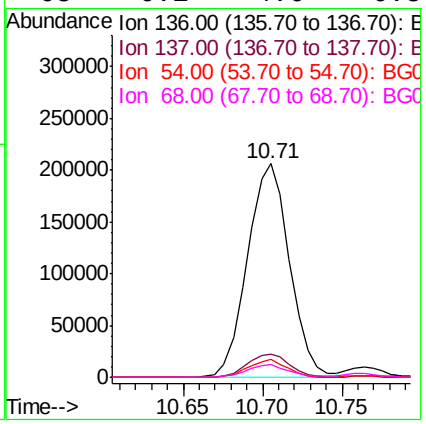


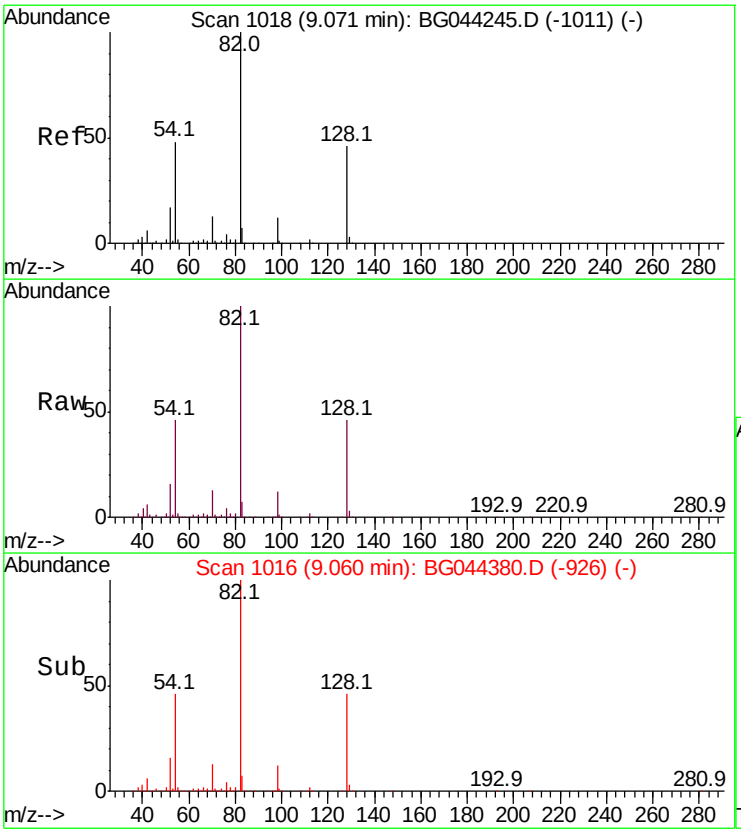
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion:136 Resp: 379602

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.2	5.8	8.8
68	6.1	4.6	6.8

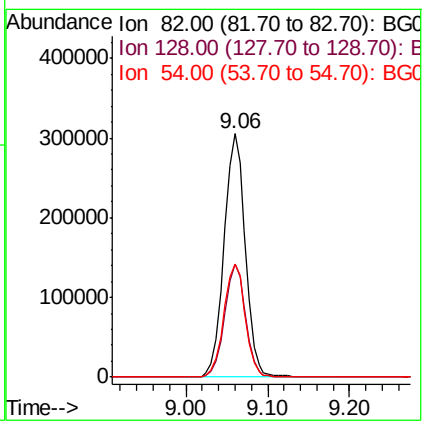


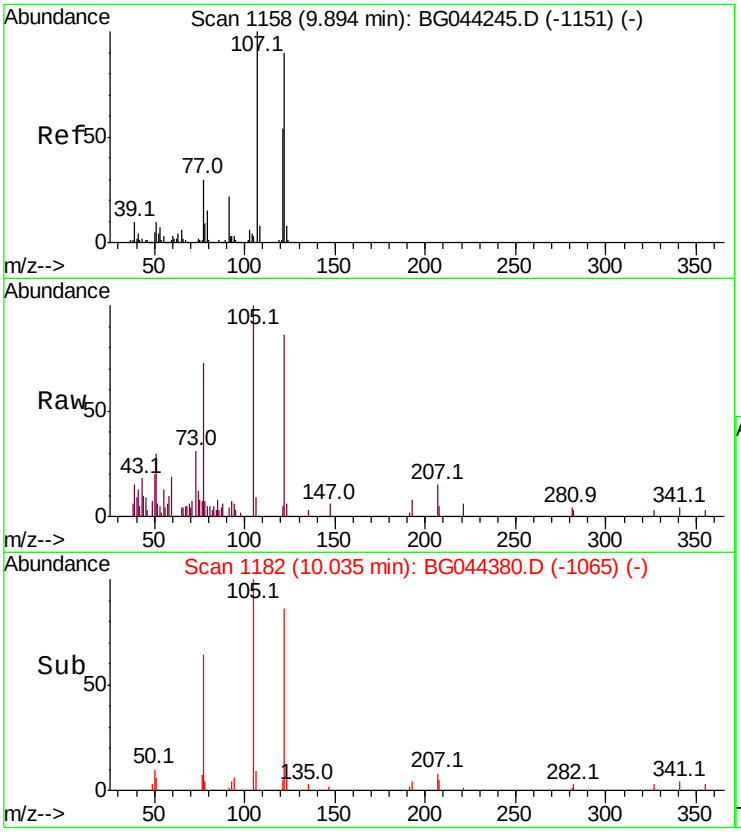


#23
Nitrobenzene-d5
Concen: 81.996 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Tgt Ion: 82 Resp: 551323

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.5	54.7
54	46.4	38.6	58.0



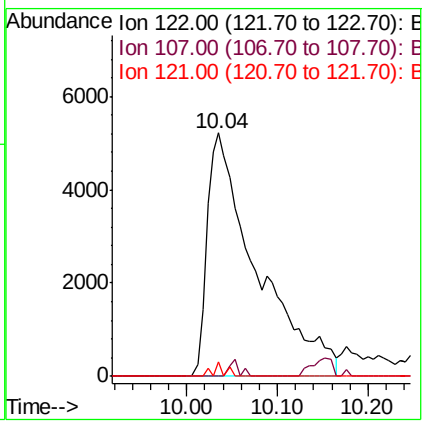


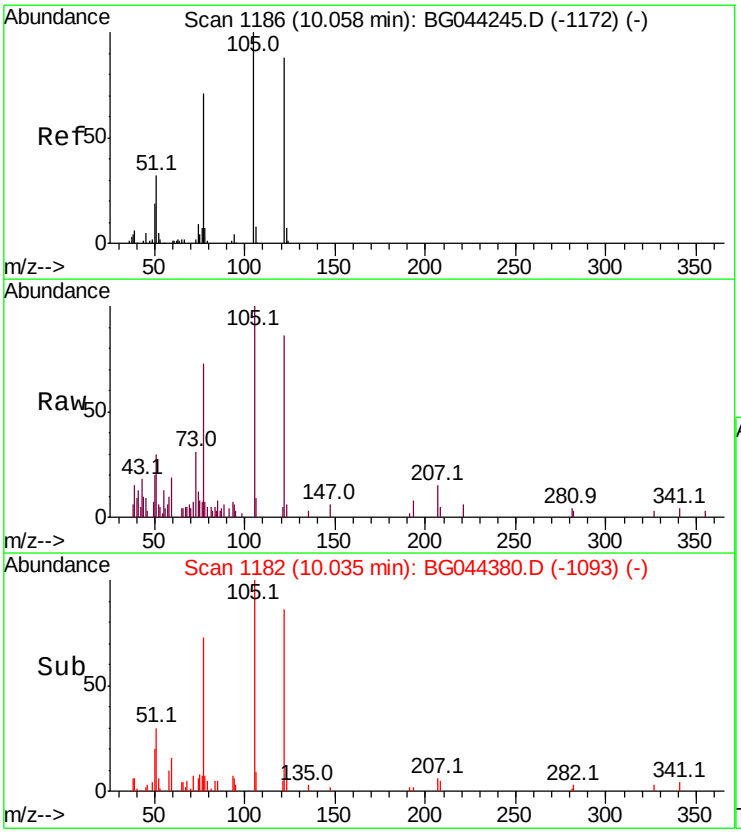
#27
2,4-Dimethylphenol
Concen: 4.115 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.16 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion:122 Resp: 19785

Ion	Ratio	Lower	Upper
122	100		
107	0.0	88.8	133.2#
121	6.2	48.3	72.5#

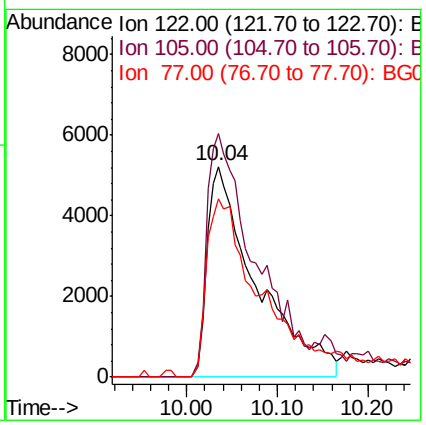


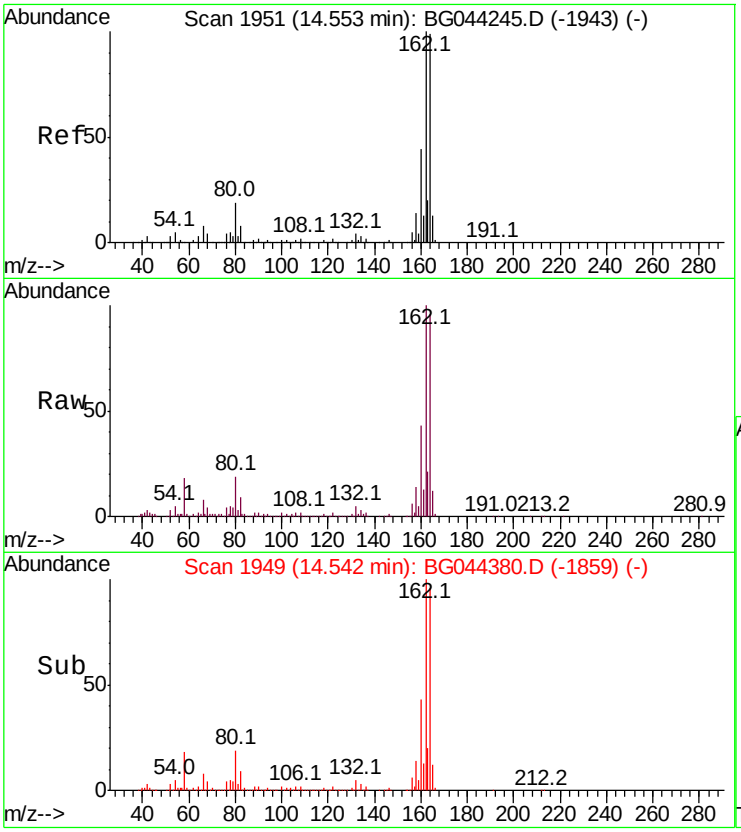


#32
Benzoic acid
Concen: 18.574 ng
RT: 10.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Tgt Ion:122 Resp: 19785

Ion	Ratio	Lower	Upper
122	100		
105	115.7	93.5	133.5
77	84.9	61.0	101.0



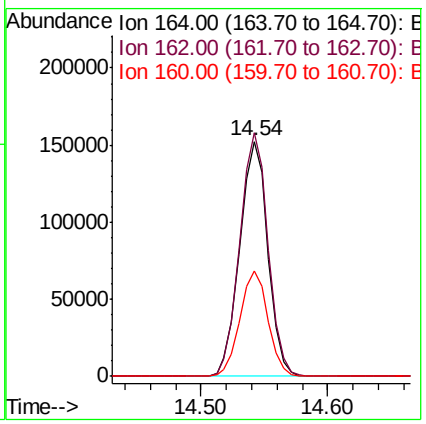


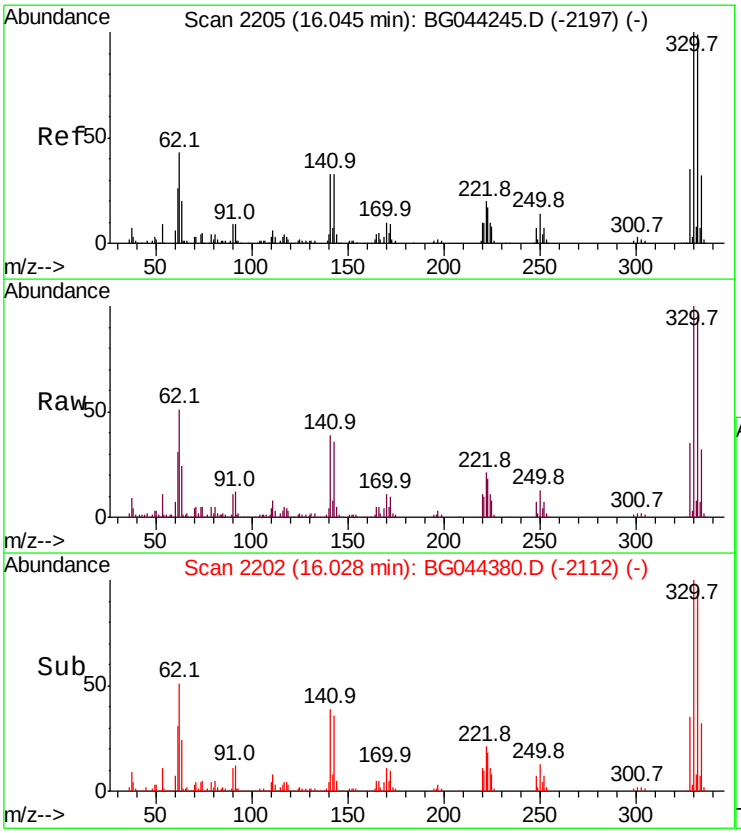
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion:164 Resp: 233706

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.7	121.1
160	44.8	35.3	52.9

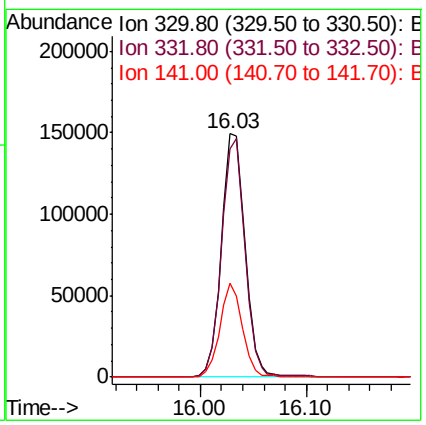


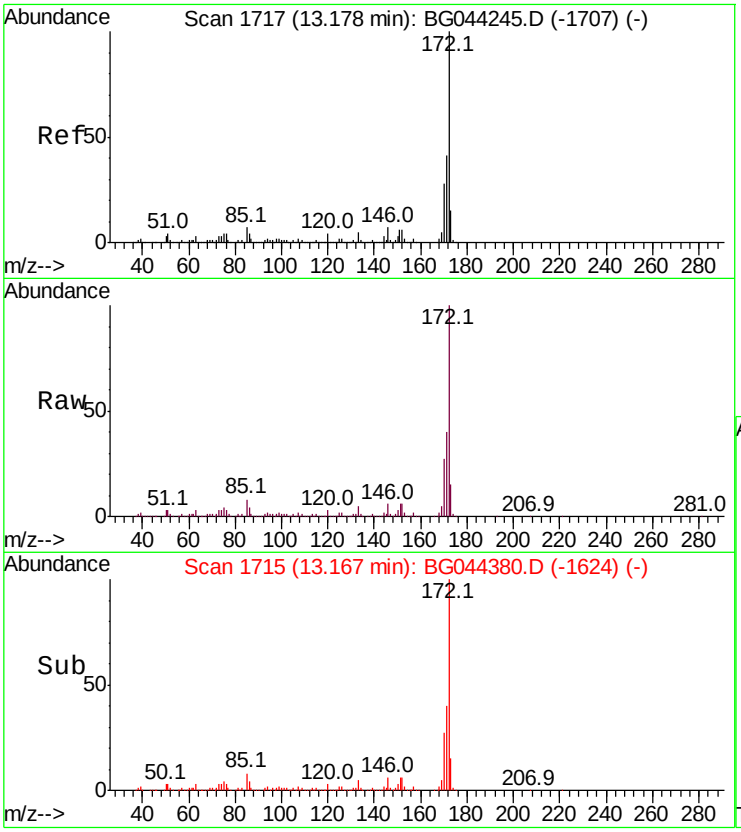


#42
2,4,6-Tribromophenol
Concen: 85.118 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Tgt Ion:330 Resp: 233527

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	36.6	28.3	42.5



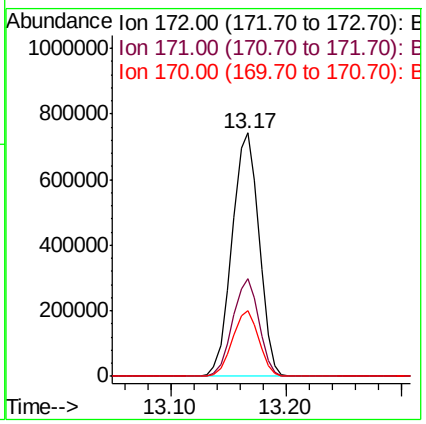


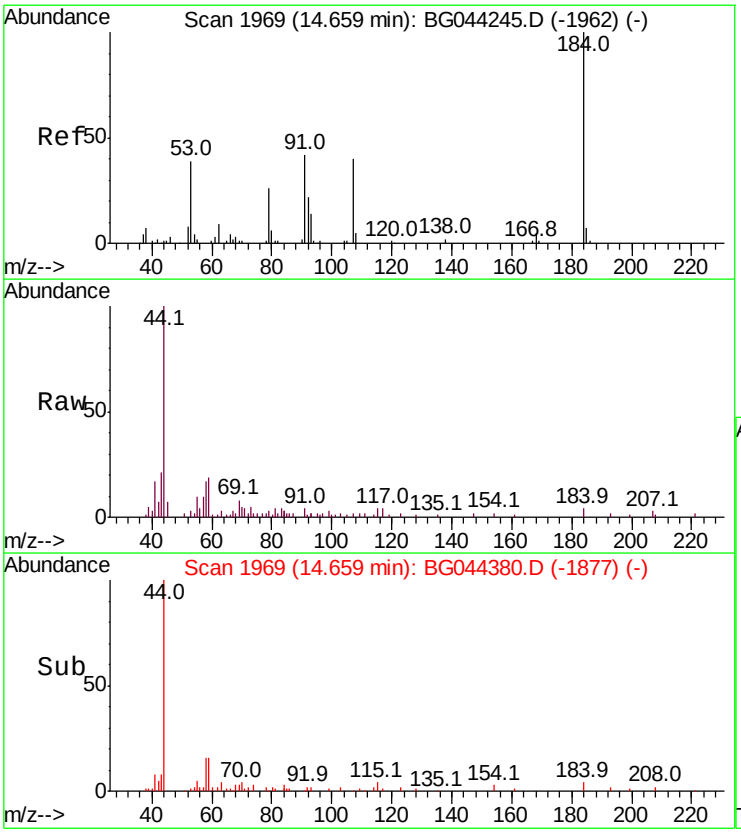
#45
2-Fluorobiphenyl
Concen: 86.218 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion:172 Resp: 1203284

Ion	Ratio	Lower	Upper
172	100		
171	39.9	32.9	49.3
170	27.0	22.0	33.0

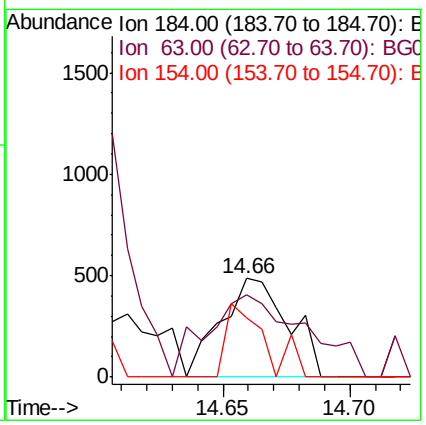


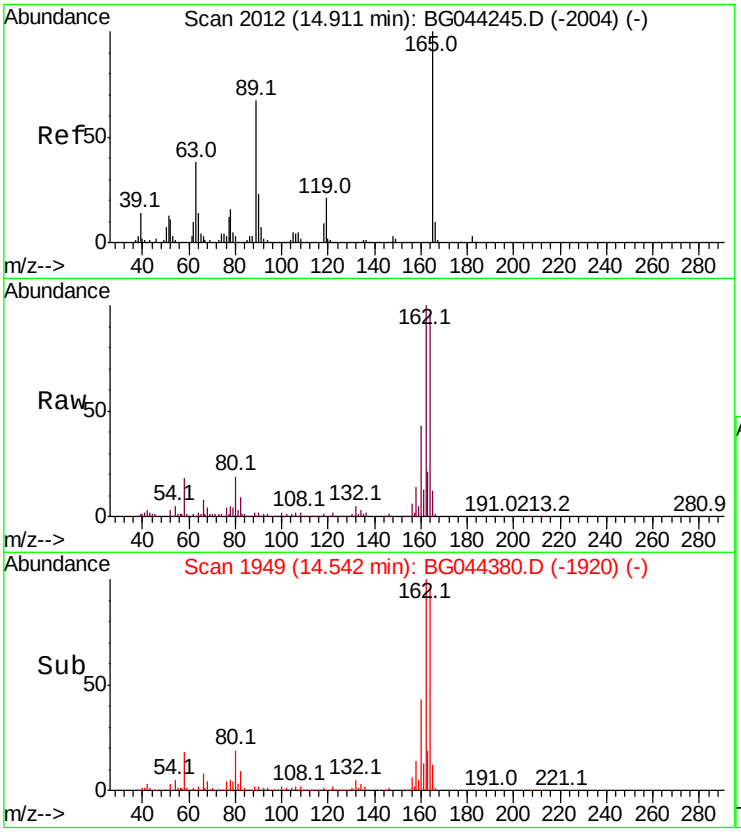


#54
2,4-Dinitrophenol
Concen: 7.994 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Tgt Ion:184 Resp: 905

Ion	Ratio	Lower	Upper
184	100		
63	83.7	44.1	66.1#
154	59.7	45.4	68.0



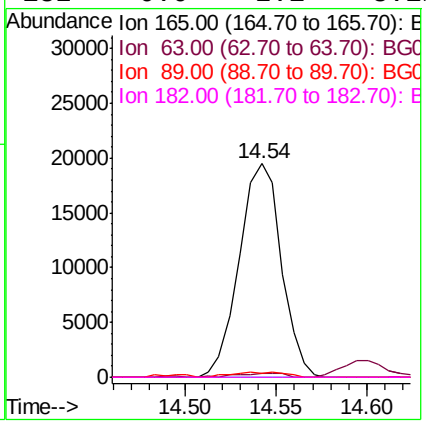


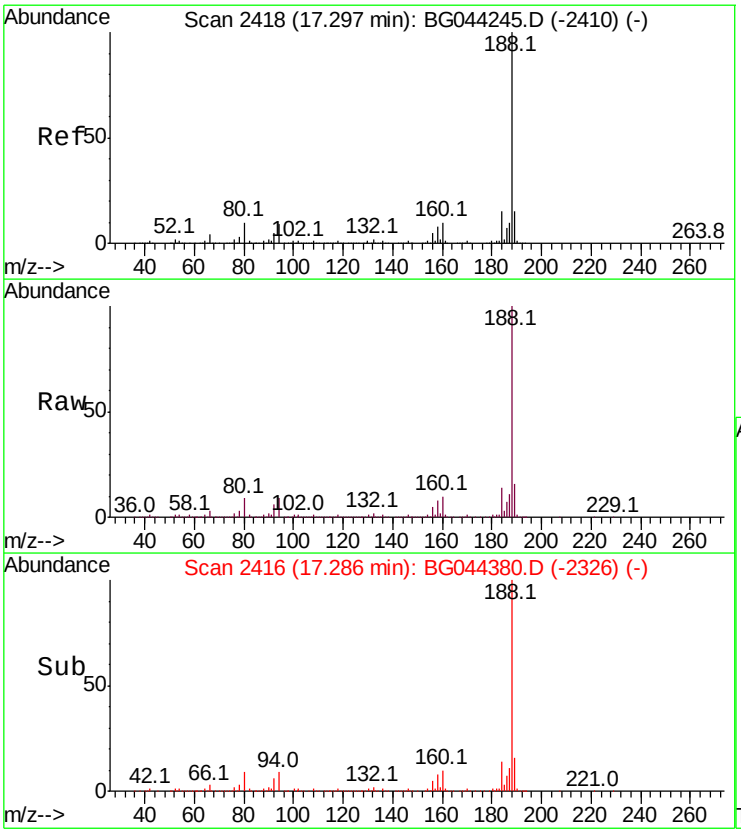
#57
2,4-Dinitrotoluene
Concen: 5.997 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.36 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion:165 Resp: 31486

Ion	Ratio	Lower	Upper
165	100		
63	2.1	30.3	45.5#
89	2.1	53.4	80.2#
182	0.0	2.1	3.1#

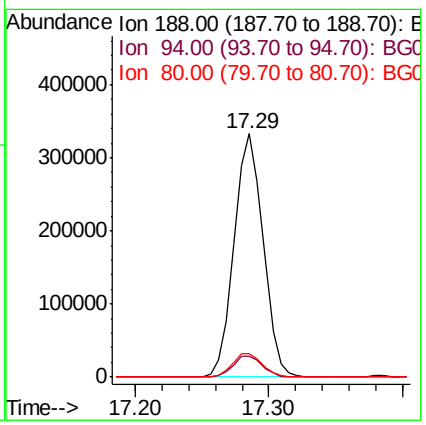


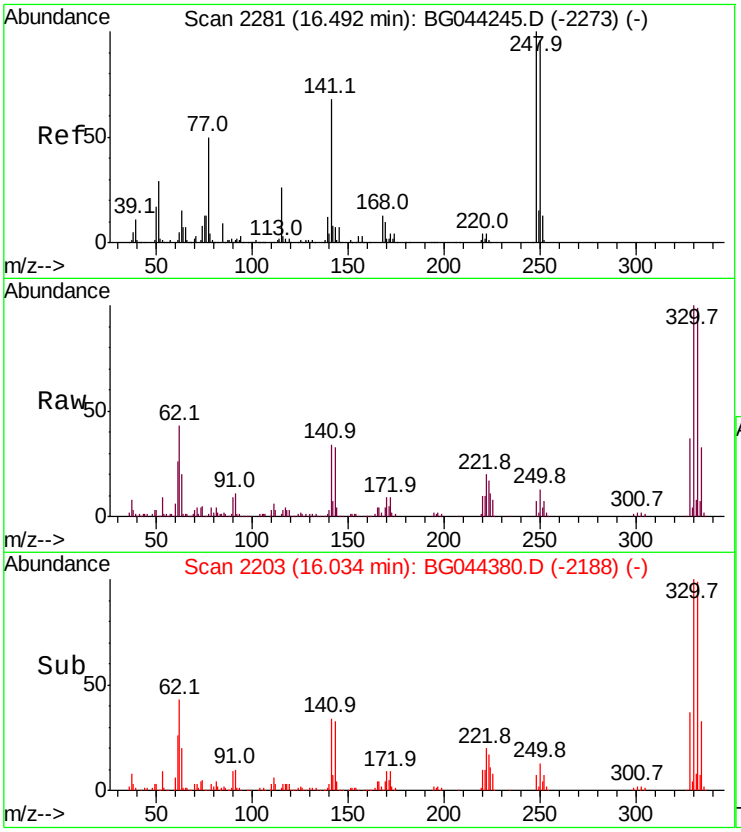


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Tgt Ion:188 Resp: 502215

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.5	7.7	11.5



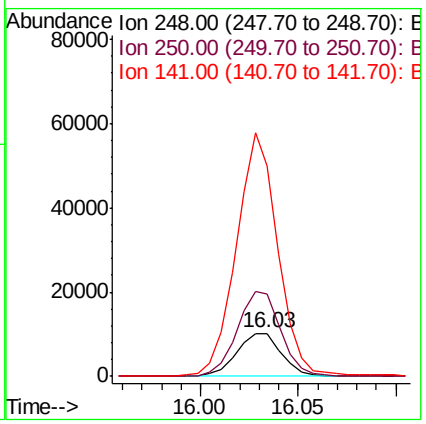


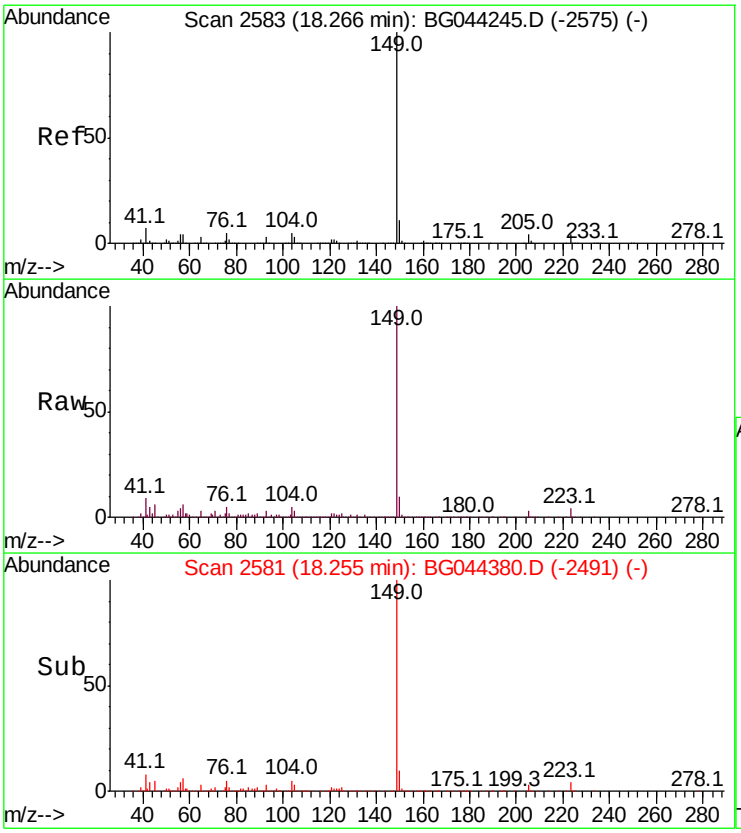
#67
4-Bromophenyl-phenylether
Concen: 2.910 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.44 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion:248 Resp: 15925

Ion	Ratio	Lower	Upper
248	100		
250	192.7	76.6	114.8#
141	494.5	54.7	82.1#

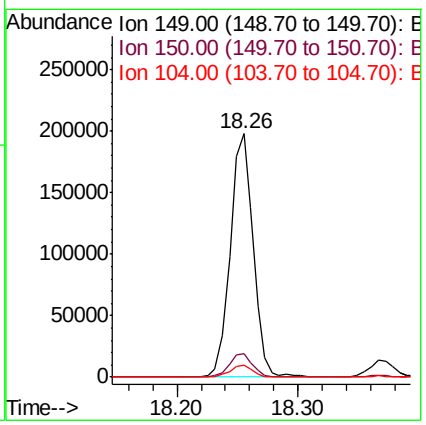


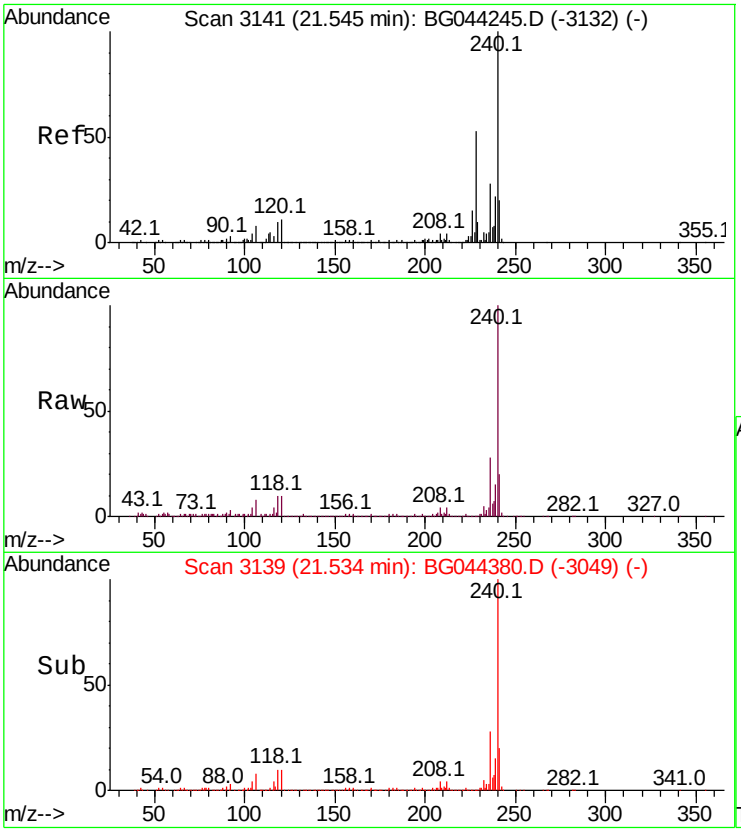


#74
Di-n-butylphthalate
Concen: 9.483 ng
RT: 18.26 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Tgt Ion:149 Resp: 259758

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.7	13.1
104	4.8	4.3	6.5



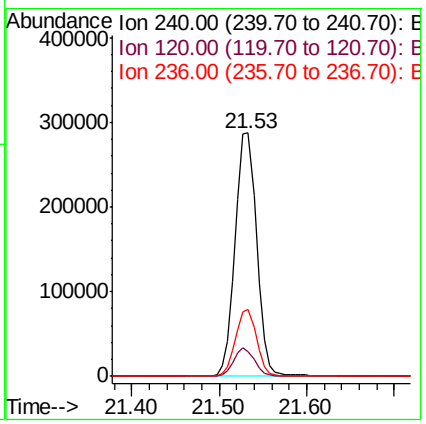


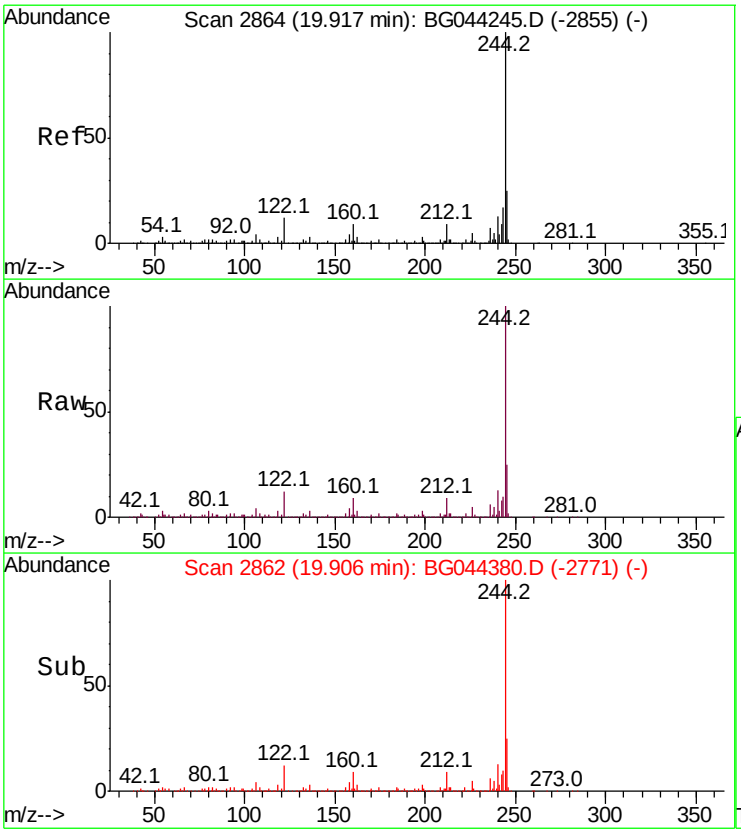
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion:240 Resp: 476237

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	27.7	22.1	33.1

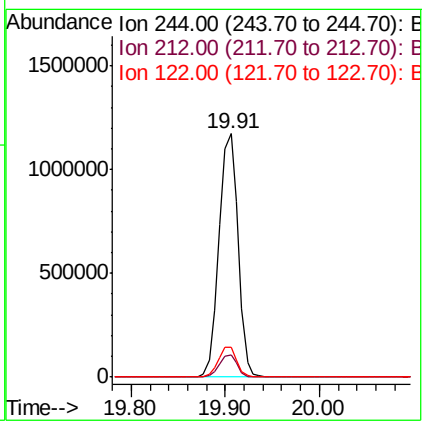


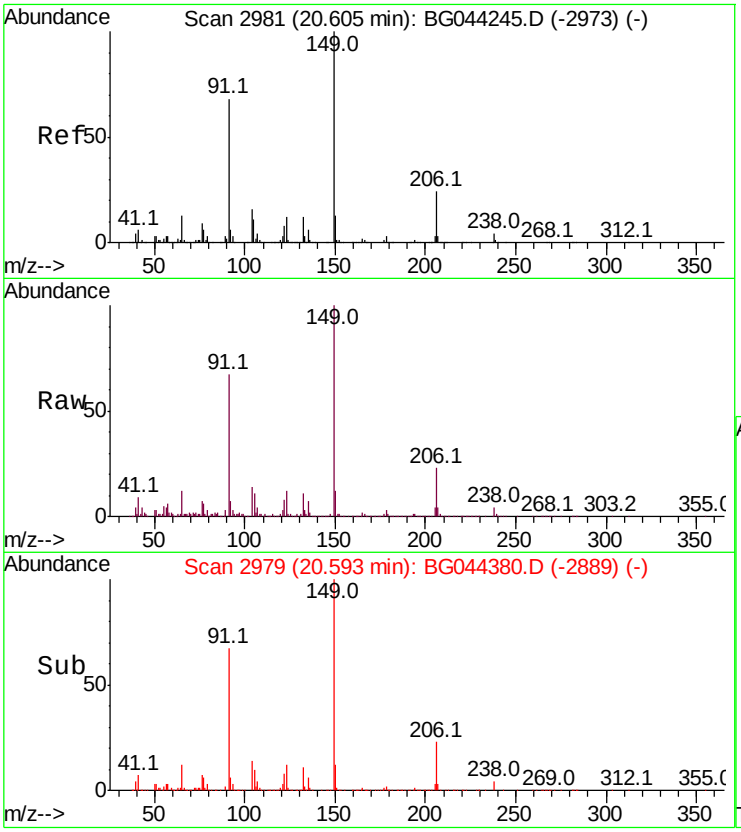


#79
Terphenyl-d14
Concen: 71.912 ng
RT: 19.91 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Tgt Ion:244 Resp: 1665014

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.2
122	12.1	9.8	14.6



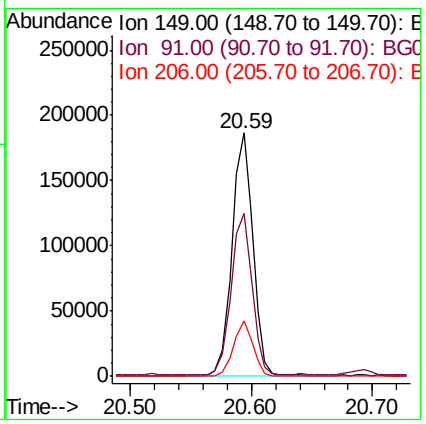


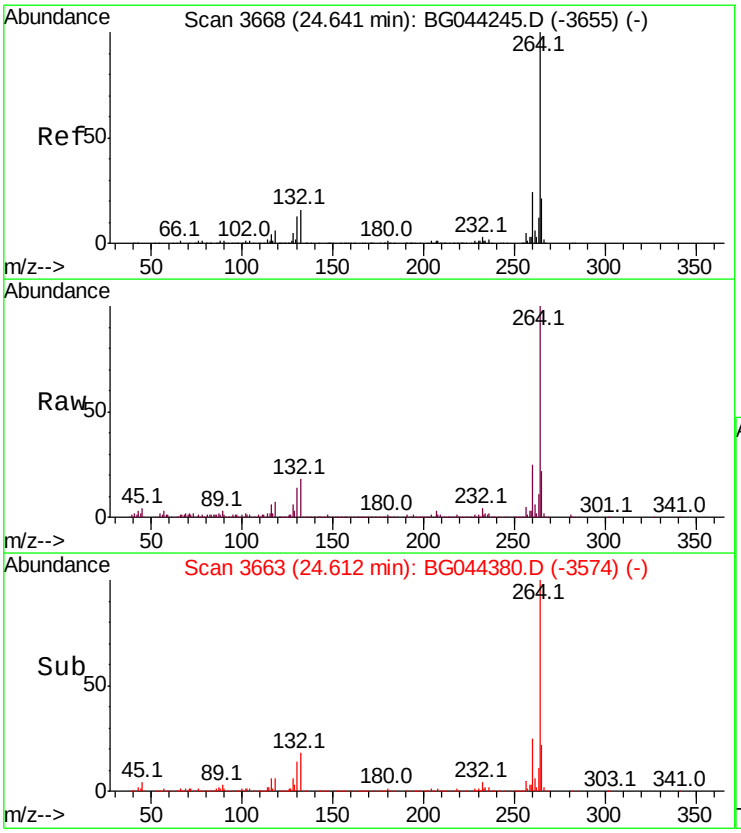
#80
Butylbenzylphthalate
Concen: 15.989 ng
RT: 20.59 min Scan# 2979
Delta R.T. -0.00 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Instrument :
BNA_G
ClientSampleId :
HP-640

Tgt Ion:149 Resp: 222845

Ion	Ratio	Lower	Upper
149	100		
91	67.1	54.5	81.7
206	22.6	19.1	28.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044380.D
Acq: 11 Feb 2020 8:27

Tgt Ion:264 Resp: 500825

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.8	16.7	25.1