Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100319\
Data File : BG043026.D
Acq On : 4 Oct 2019 5:38
Operator : JU
Sample : K5128-03RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3A

Quant Time: Oct 04 06:36:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	72605	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	280539	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	204318	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	479239	20.00	ng	0.00
76) Chrysene-d12	21.69	240	520654	20.00	ng	-0.02
87) Perylene-d12	24.92	264	598647	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	395489	97.21	ng	0.00
7) Phenol-d6	7.24	99	574090	97.99	ng	0.00
23) Nitrobenzene-d5	9.23	82	348863	60.44	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	332337	94.59	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	912051	64.71	ng	-0.01
79) Terphenyl-d14	20.04	244	1651102	67.57	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	49203	12.790	ng	# 70
32) Benzoic acid	10.16	122	55	2.820	ng	# 1
50) Dimethylphthalate	14.13	163	33237	2.171	ng	# 97
51) 2,6-Dinitrotoluene	14.68	165	27062	8.301	ng	# 23
57) 2,4-Dinitrotoluene	14.68	165	27062	5.668	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	22565	3.752	ng	# 1

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

Quantitation Report (Not Reviewed)

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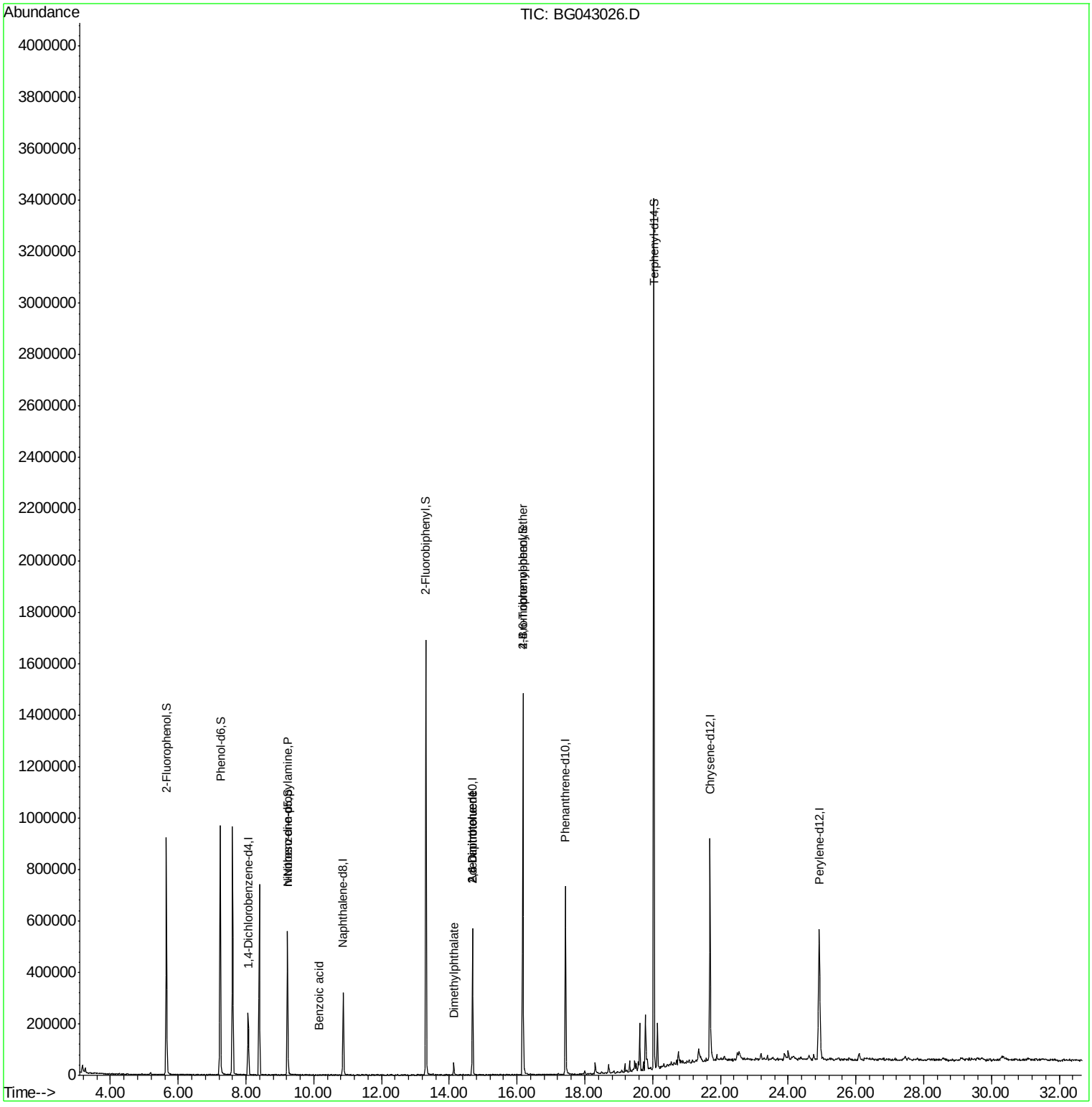
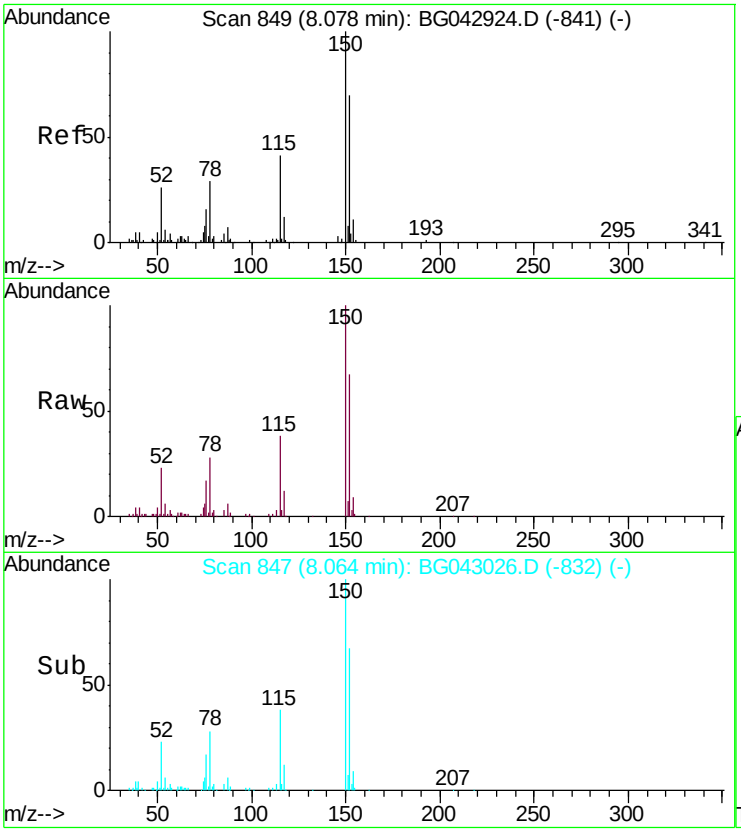


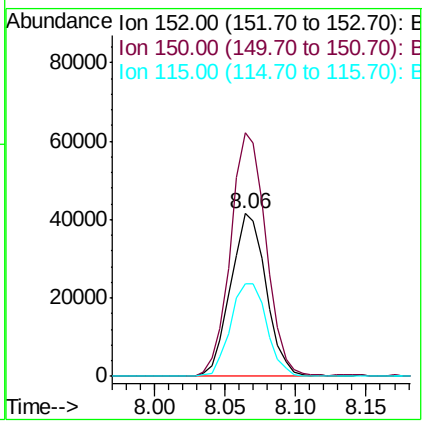


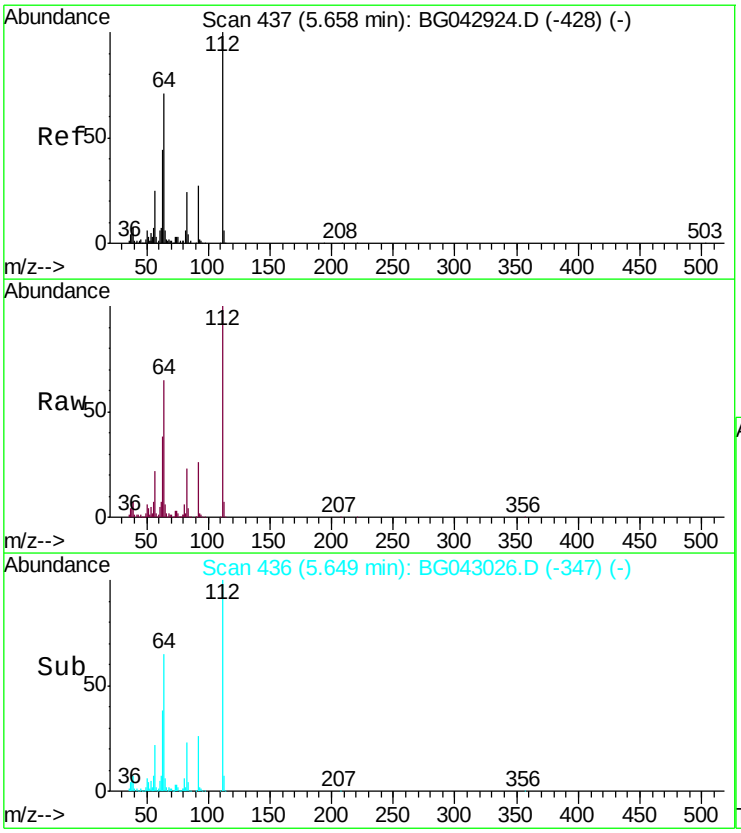
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Instrument :
BNA_G
ClientSampleId :
SB-3A

Tgt Ion:152 Resp: 72605

Ion	Ratio	Lower	Upper
152	100		
150	149.9	115.0	172.4
115	57.4	47.0	70.6

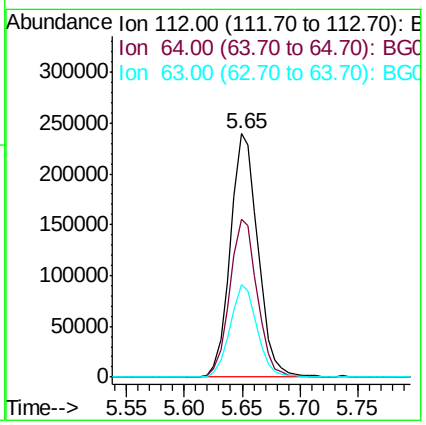


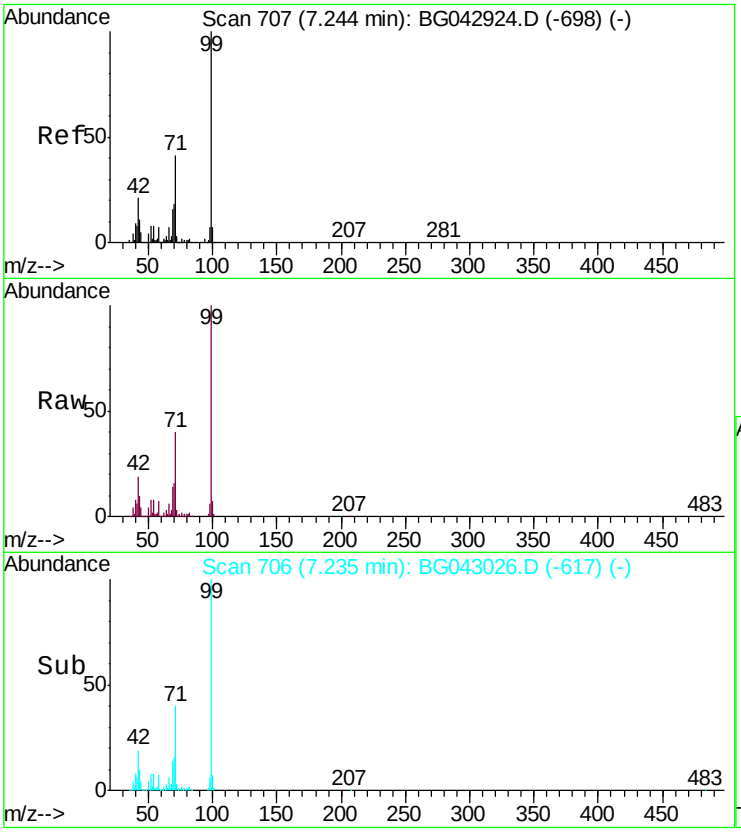


#5
2-Fluorophenol
Concen: 97.211 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Tgt Ion:112 Resp: 395489

Ion	Ratio	Lower	Upper
112	100		
64	64.9	56.6	84.8
63	38.3	35.1	52.7



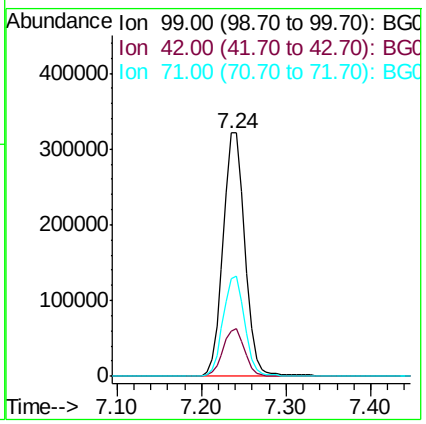


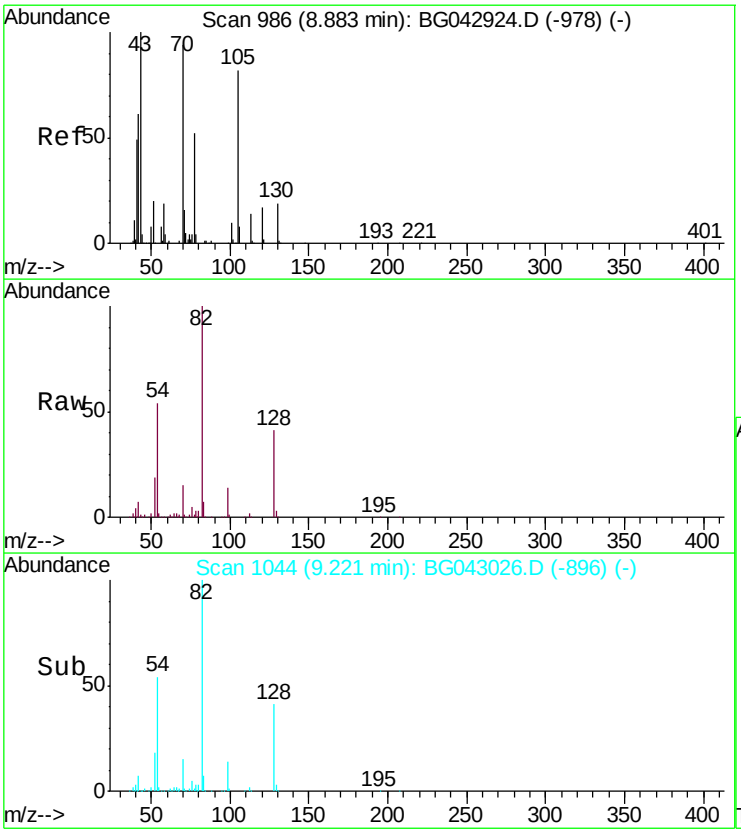
#7
Phenol-d6
Concen: 97.989 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Instrument :
BNA_G
ClientSampleId :
SB-3A

Tgt Ion: 99 Resp: 574090

Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.2	25.8
71	40.0	33.1	49.7

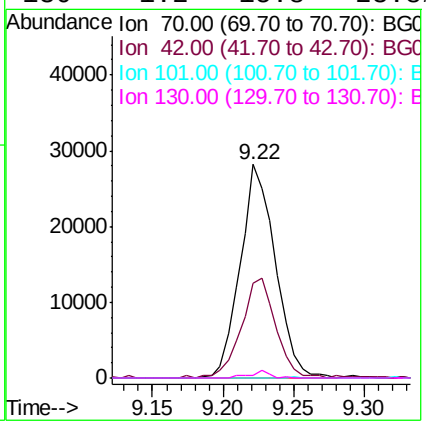


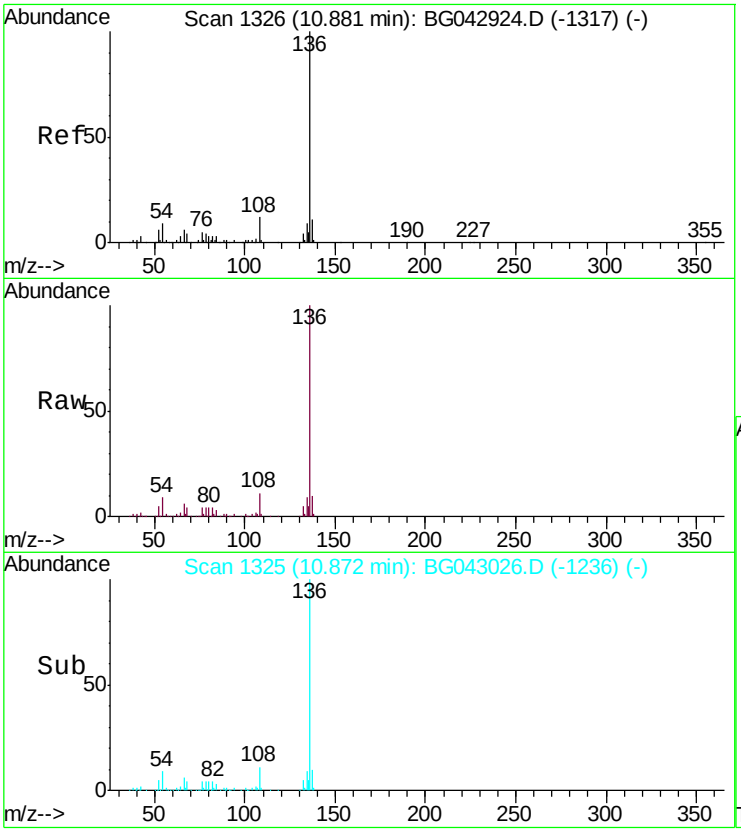


#19
n-Nitroso-di-n-propylamine
Concen: 12.790 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.34 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Tgt Ion: 70 Resp: 49203

Ion	Ratio	Lower	Upper
70	100		
42	44.4	52.6	79.0#
101	0.0	8.7	13.1#
130	1.2	15.8	23.8#



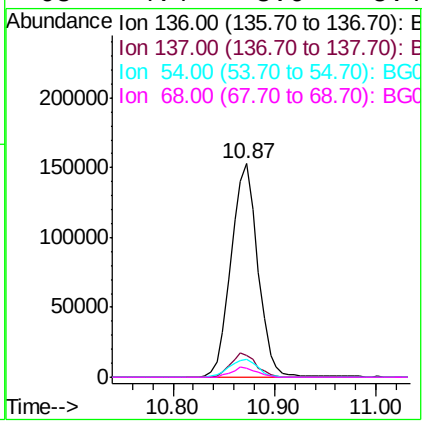


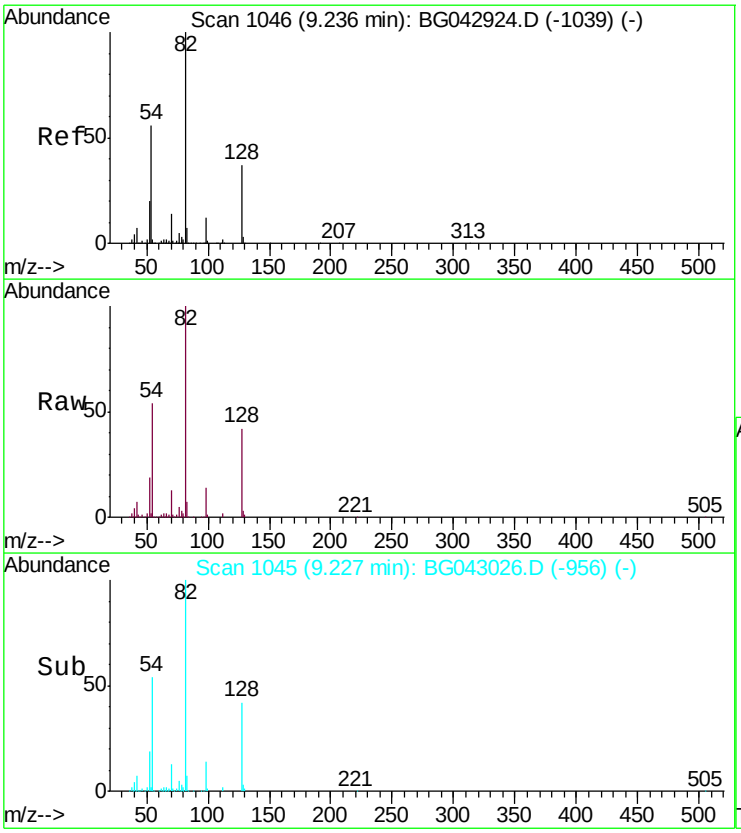
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Instrument :
BNA_G
ClientSampleId :
SB-3A

Tgt Ion:136 Resp: 280539

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	8.6	7.4	11.2
68	4.4	3.6	5.4

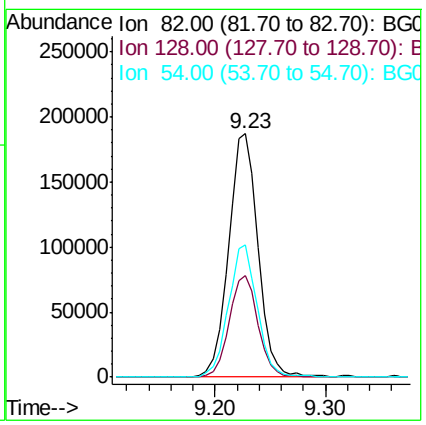


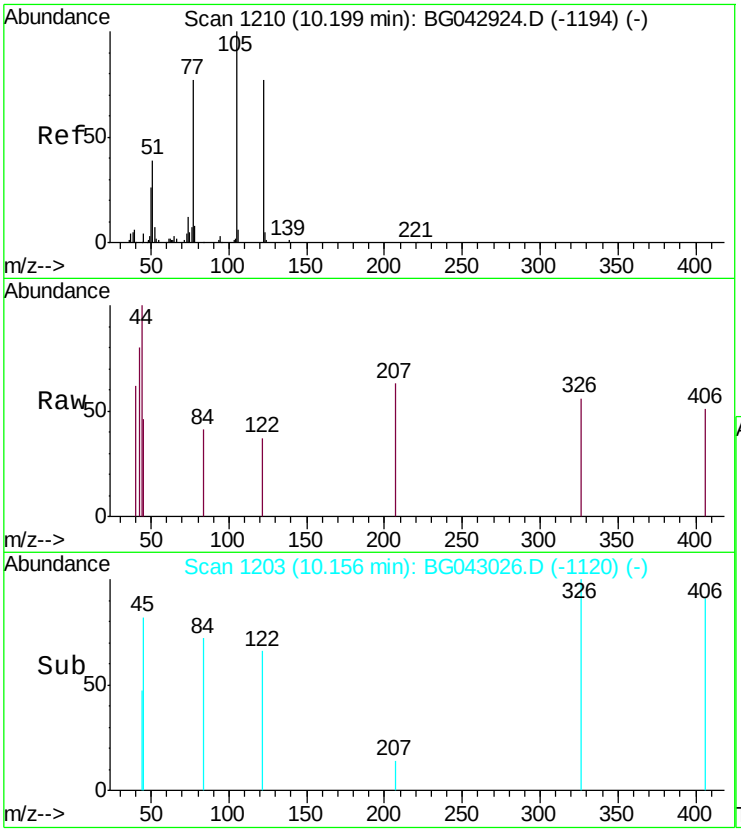


#23
Nitrobenzene-d5
Concen: 60.443 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Tgt Ion: 82 Resp: 348863

Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.5	44.3
54	54.5	44.6	67.0



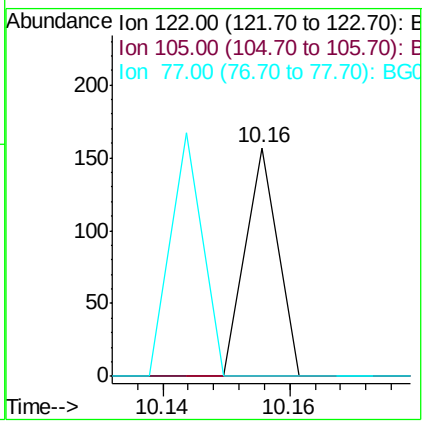


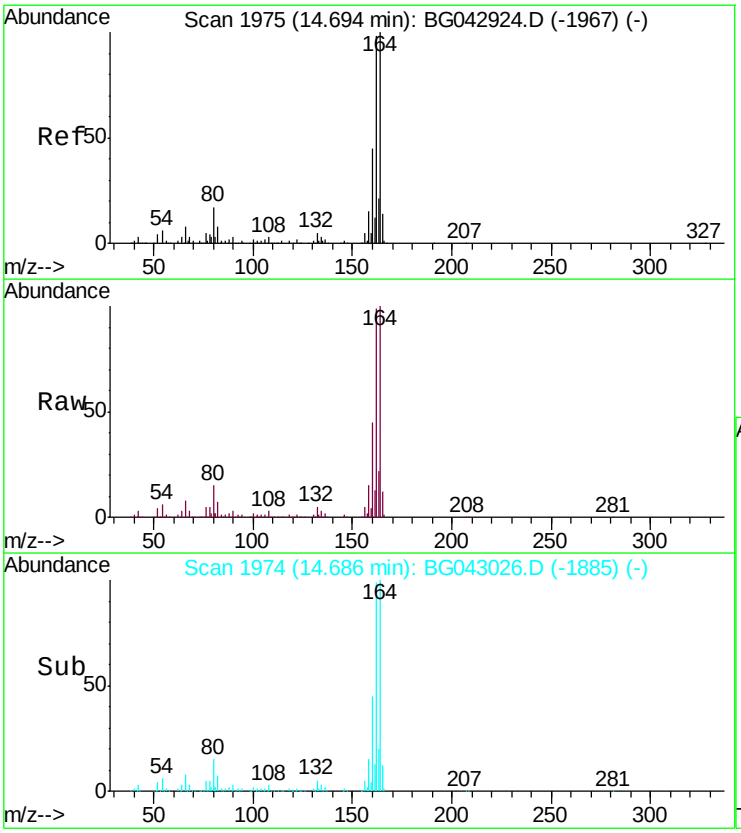
#32
Benzoic acid
Concen: 2.820 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Instrument :
BNA_G
ClientSampleId :
SB-3A

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#

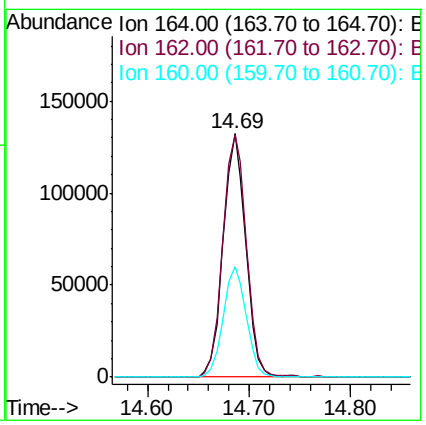


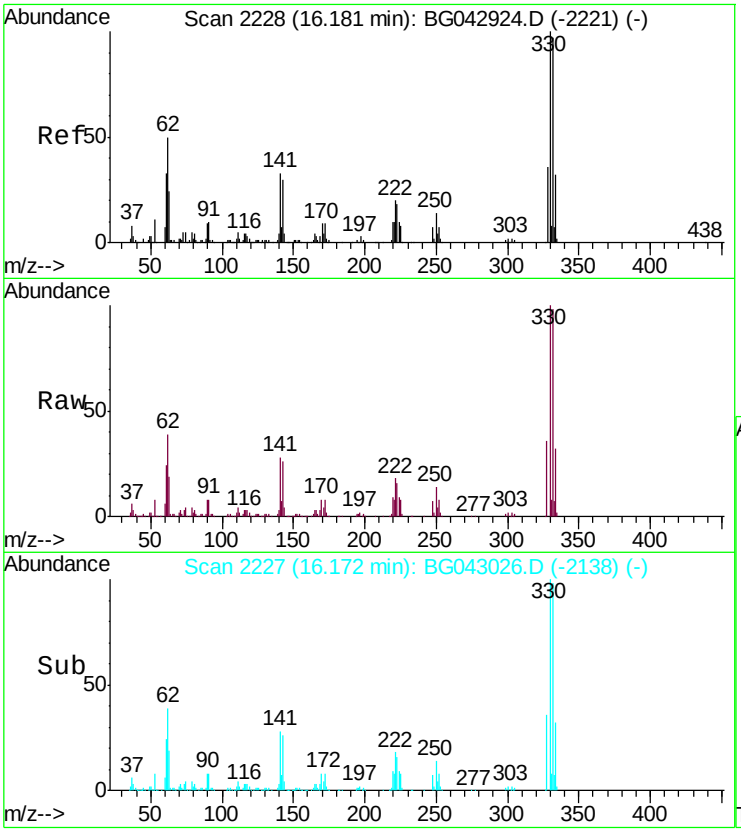


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Tgt Ion:164 Resp: 204318

Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.5	117.7
160	45.3	35.9	53.9



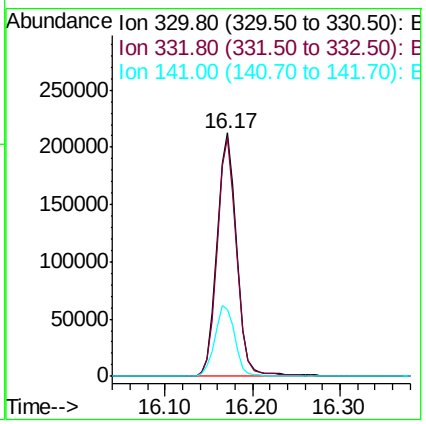


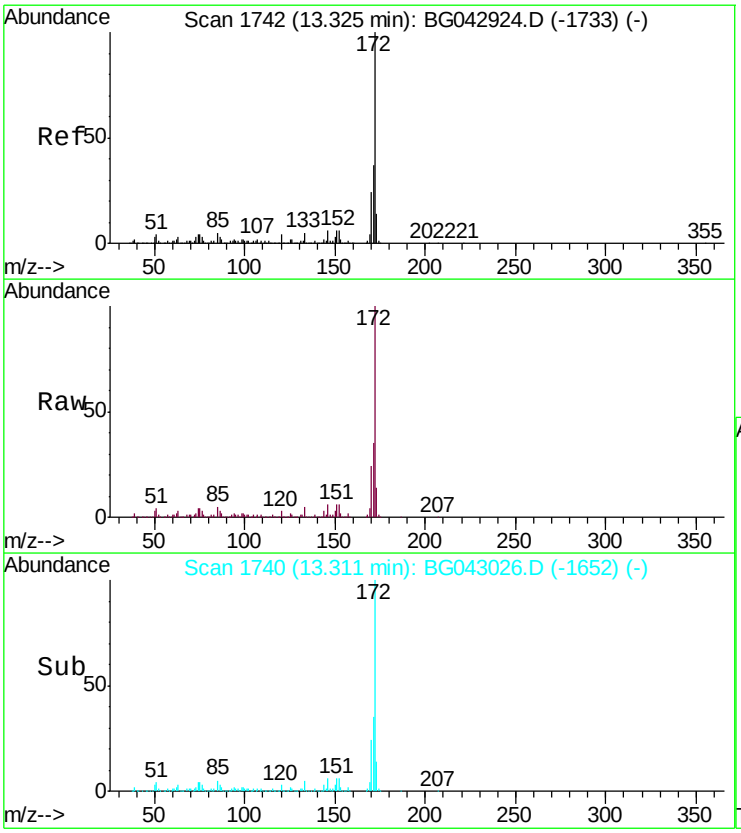
#42
2,4,6-Tribromophenol
Concen: 94.592 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Instrument :
BNA_G
ClientSampleId :
SB-3A

Tgt Ion:330 Resp: 332337

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	29.4	26.0	39.0

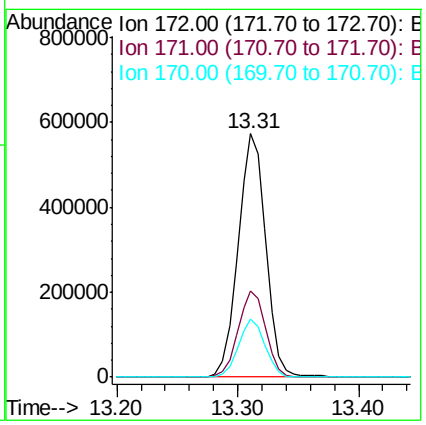


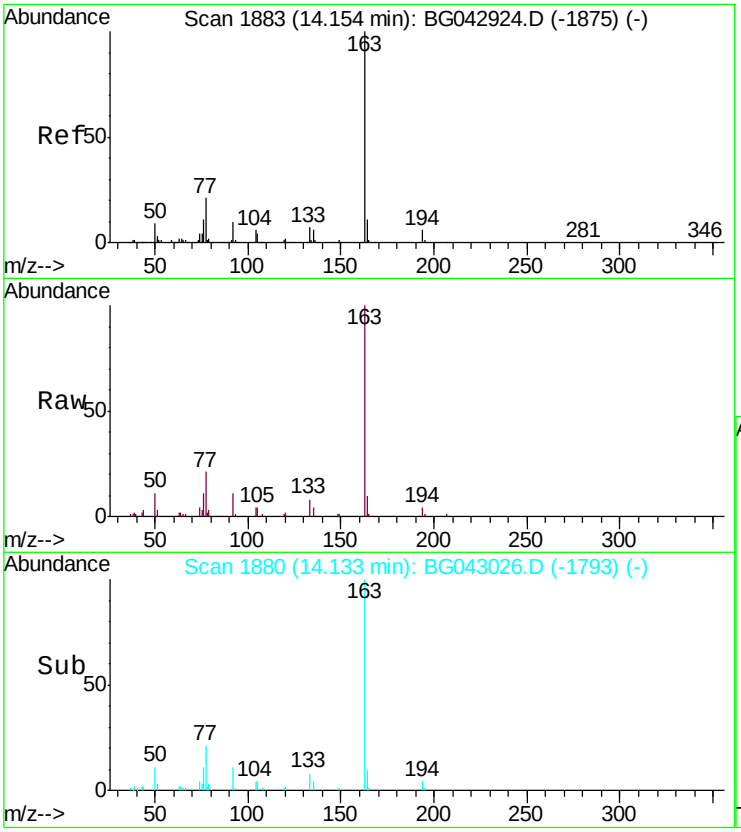


#45
2-Fluorobiphenyl
Concen: 64.713 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Tgt Ion:172 Resp: 912051

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.8	19.6	29.4



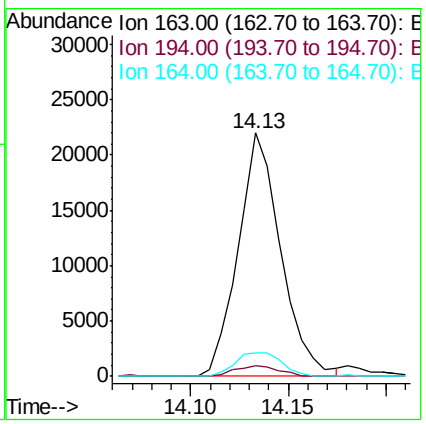


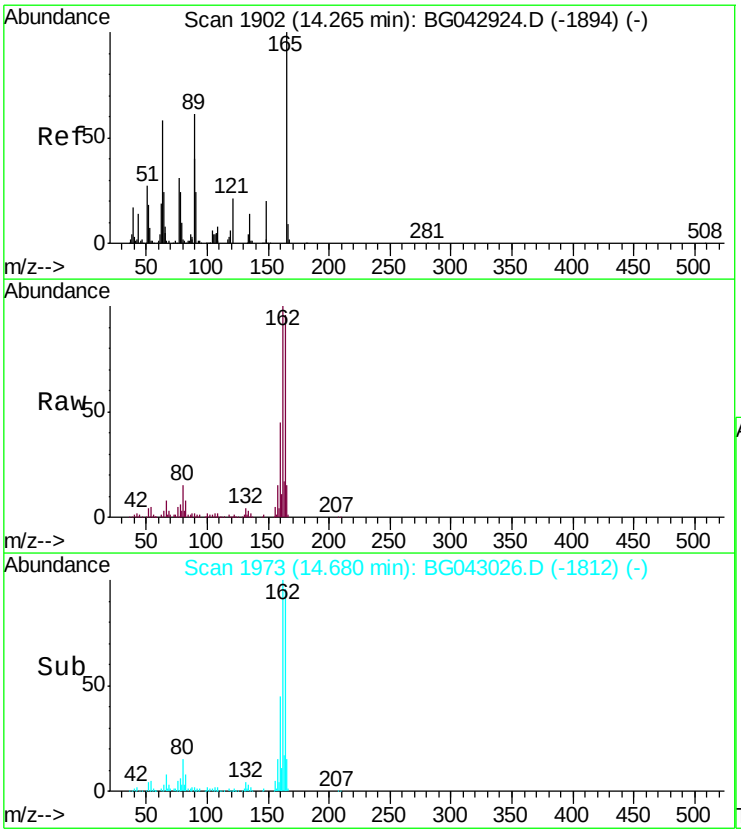
#50
Dimethylphthalate
Concen: 2.171 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Instrument :
BNA_G
ClientSampleId :
SB-3A

Tgt Ion:163 Resp: 33237

Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.4	6.6#
164	9.6	8.6	12.8

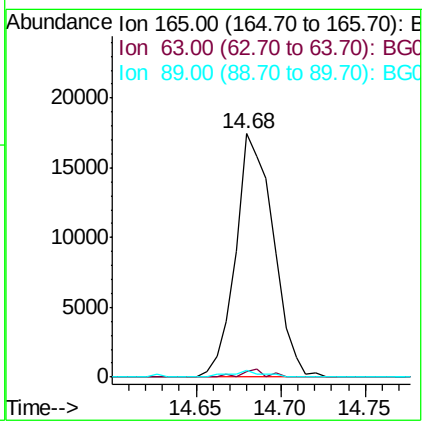


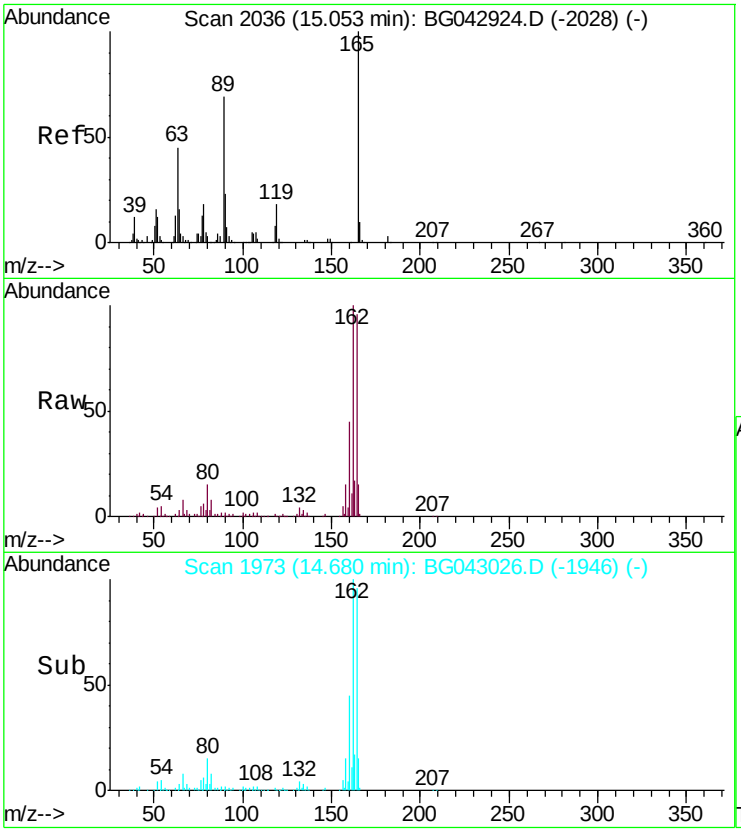


#51
2,6-Dinitrotoluene
Concen: 8.301 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.41 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Tgt Ion:165 Resp: 27062

Ion	Ratio	Lower	Upper
165	100		
63	2.2	50.3	75.5#
89	2.7	48.9	73.3#



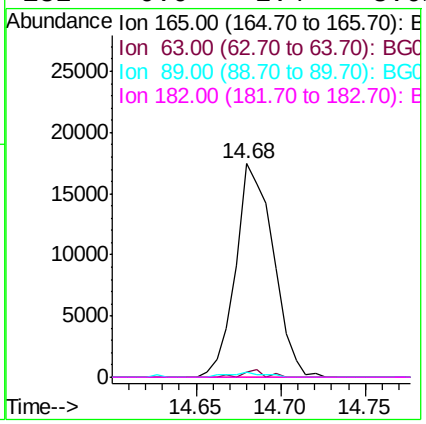


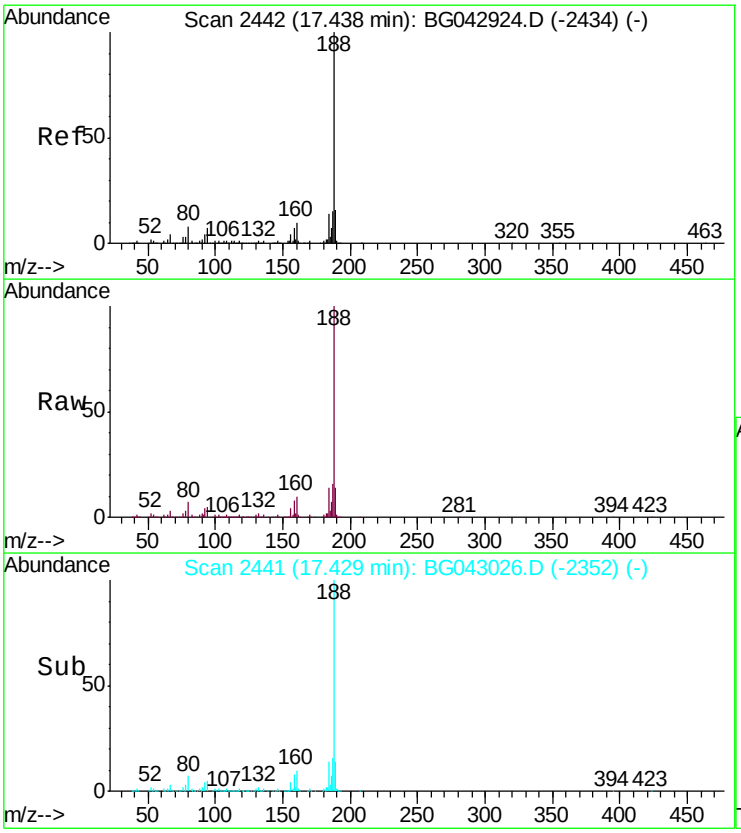
#57
2,4-Dinitrotoluene
Concen: 5.668 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.37 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Instrument :
BNA_G
ClientSampleId :
SB-3A

Tgt Ion:165 Resp: 27062

Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.5	54.7#
89	2.7	55.5	83.3#
182	0.0	2.4	3.6#

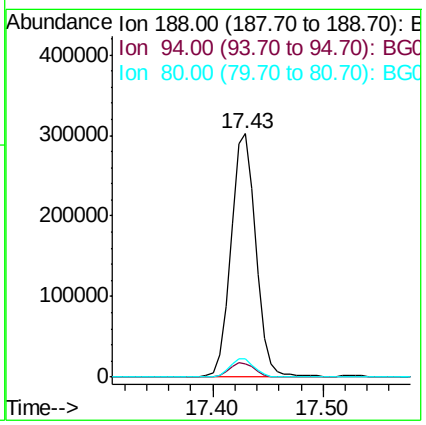


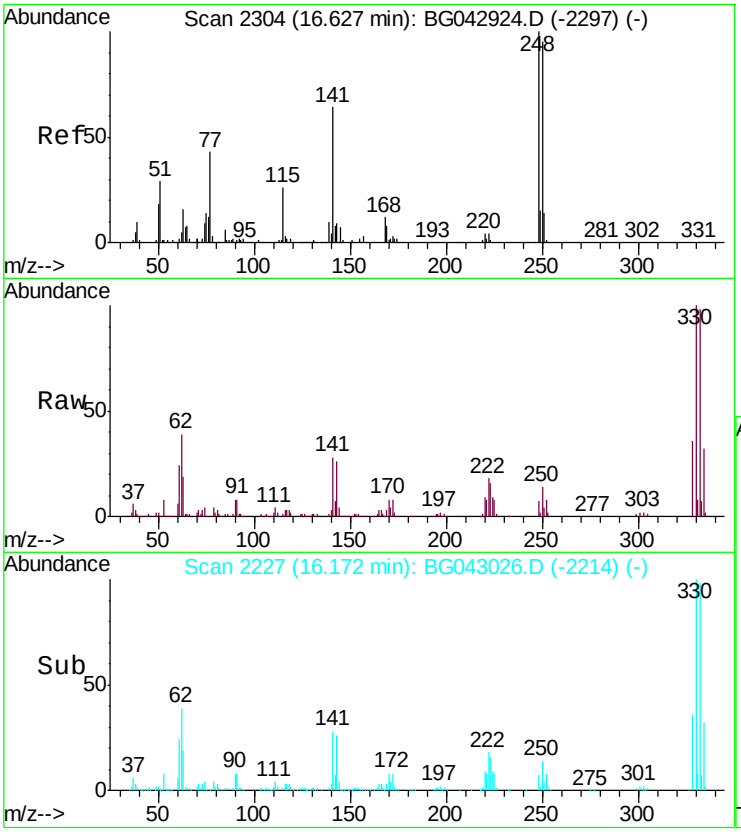


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Tgt Ion:188 Resp: 479239

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.7	8.5#
80	7.4	6.5	9.7



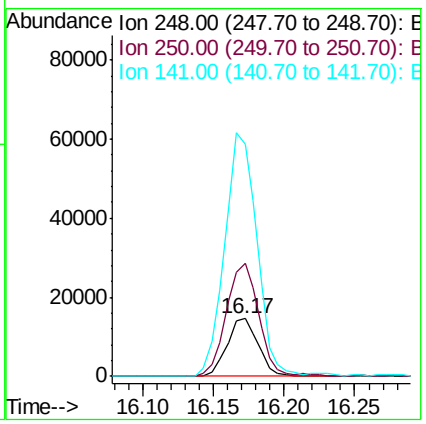


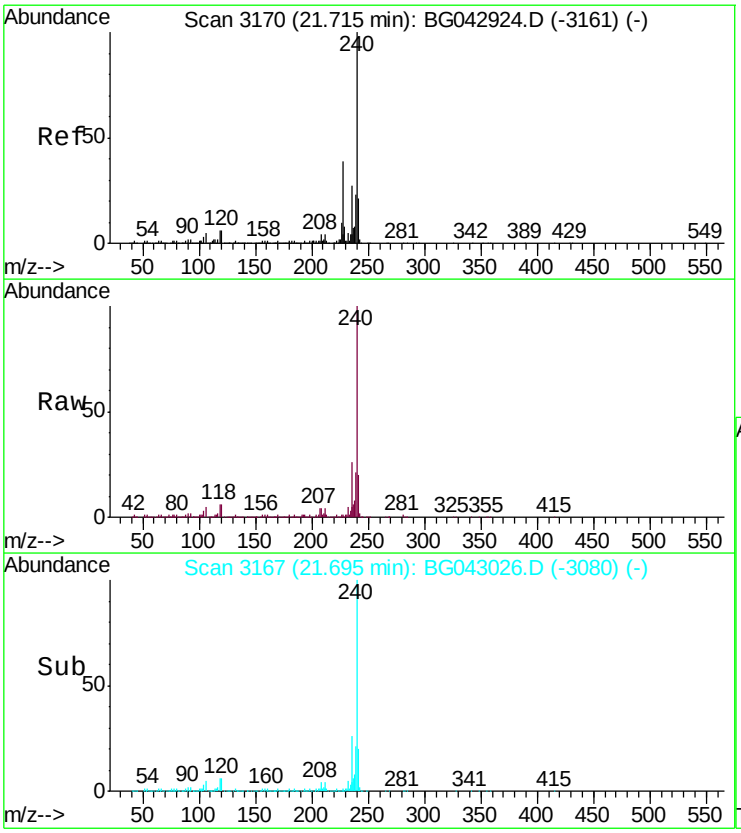
#67
4-Bromophenyl-phenylether
Concen: 3.752 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Instrument :
BNA_G
ClientSampleId :
SB-3A

Tgt Ion:248 Resp: 22565

Ion	Ratio	Lower	Upper
248	100		
250	197.3	75.8	113.8#
141	404.1	51.1	76.7#

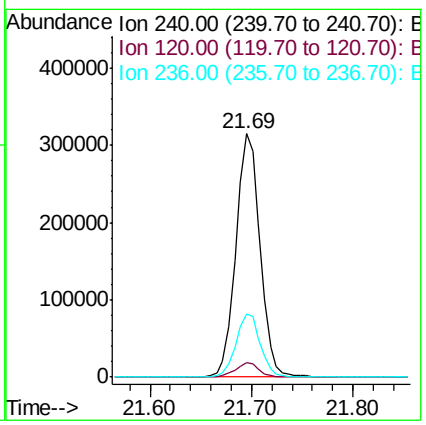


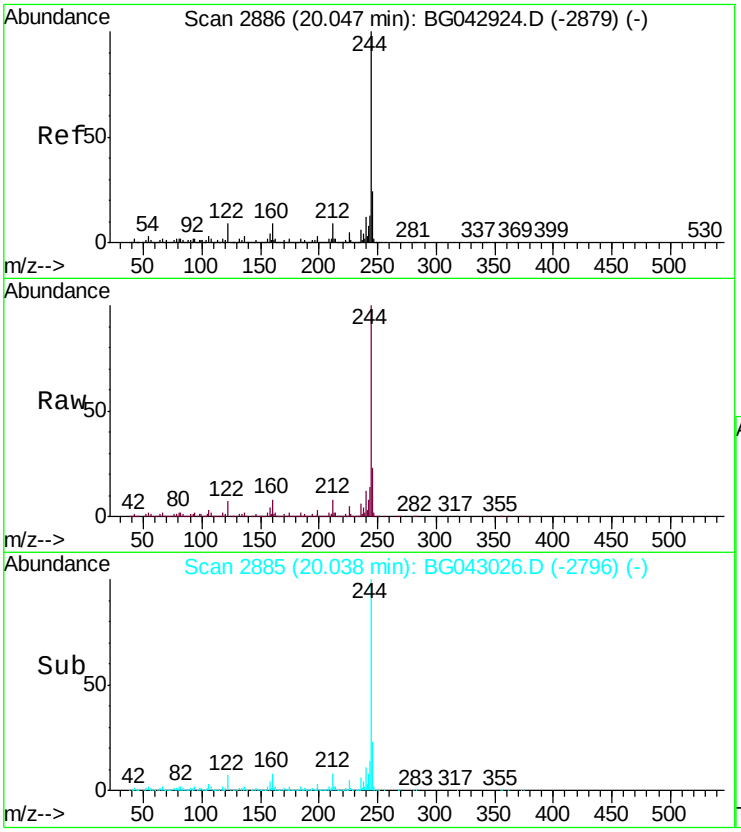


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Tgt Ion:240 Resp: 520654

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.8	7.2
236	26.0	21.4	32.0



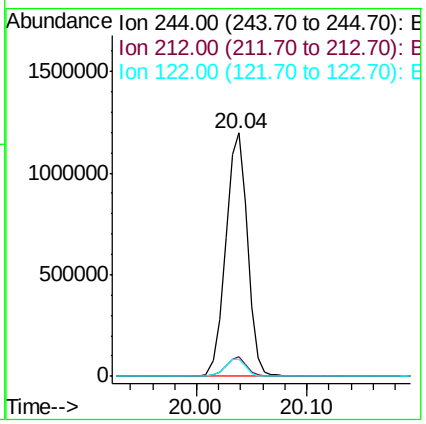


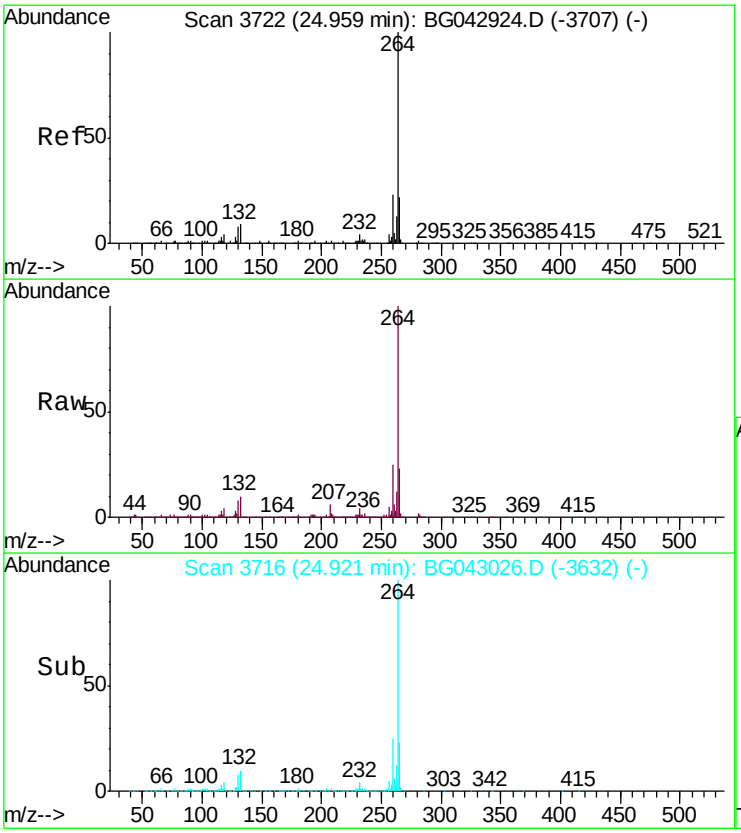
#79
Terphenyl-d14
Concen: 67.575 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Instrument :
BNA_G
ClientSampleId :
SB-3A

Tgt Ion:244 Resp: 1651102

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.4	11.0
122	7.3	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.04 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Tgt Ion:264 Resp: 598647

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.7	28.1
265	23.2	17.7	26.5