Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051053.D
Acq On : 15 Nov 2021 22:49
Operator : CG/JU
Sample : M4573-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MBR1

Quant Time: Nov 16 00:41:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	37217	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	165608	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	114579	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	248751	20.000	ng	# 0.00
76) Chrysene-d12	21.896	240	218257	20.000	ng	# 0.00
86) Perylene-d12	25.303	264	212768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	66373	26.678	ng	0.00
7) Phenol-d6	7.372	99	61884	17.623	ng	0.00
23) Nitrobenzene-d5	9.399	82	254417	68.005	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	77736	67.796	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	499189	68.838	ng	0.00
79) Terphenyl-d14	20.186	244	793480	66.522	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	4.034	88	10248	7.996	ng	# 1
4) n-Nitrosodimethylamine	3.870	42	4758	3.247	ng	# 11
16) 2,2'-oxybis(1-Chloropr...	8.523	45	29324	6.583	ng	65
19) n-Nitroso-di-n-propyla...	8.858	70	8673	3.342	ng	# 64
20) 3+4-Methylphenols	8.987	107	14825	4.375	ng	89
27) 2,4-Dimethylphenol	10.303	122	10862	4.546	ng	# 1
32) Benzoic acid	10.303	122	10862	5.898	ng	# 79
51) 2,6-Dinitrotoluene	14.851	165	15091	8.133	ng	# 12
53) 3-Nitroaniline	14.610	138	78767	36.324	ng	# 1
56) 4-Nitrophenol	14.616	139	6578	3.965	ng	# 13
57) 2,4-Dinitrotoluene	14.851	165	15091	5.732	ng	# 17
67) 4-Bromophenyl-phenylether	16.337	248	6432	2.469	ng	# 1
73) Carbazole	18.365	167	1018891	77.964	ng	# 62

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

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Misc :
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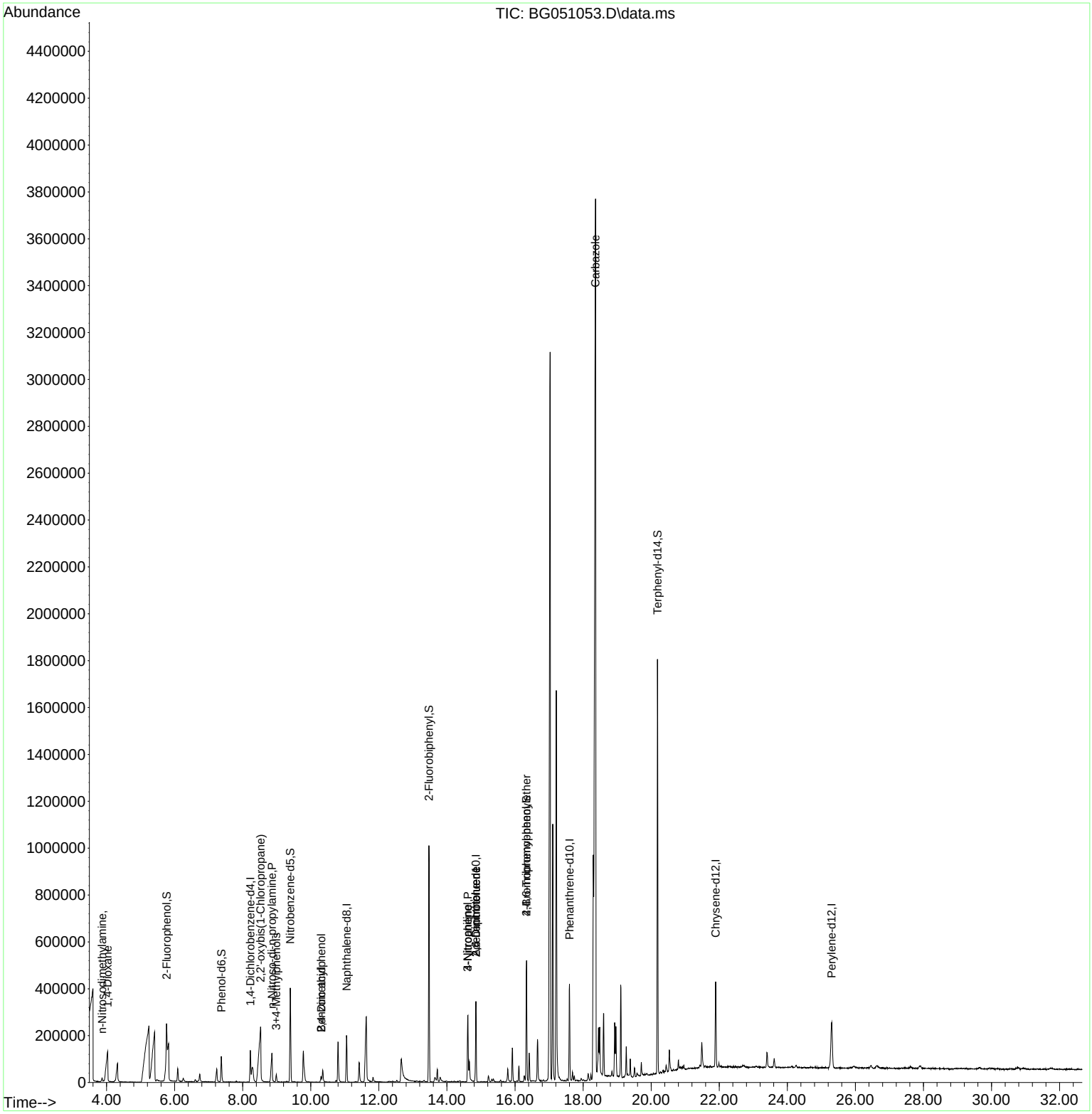
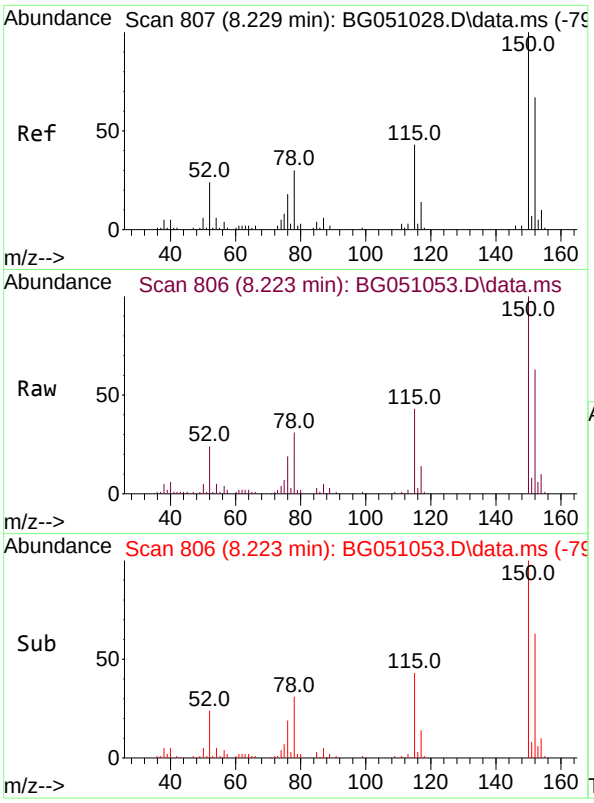


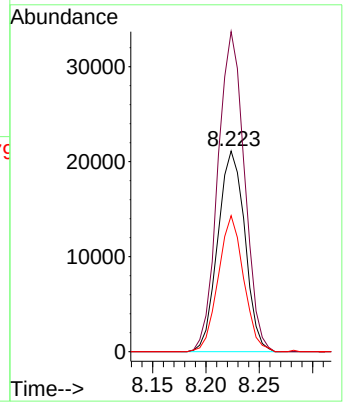


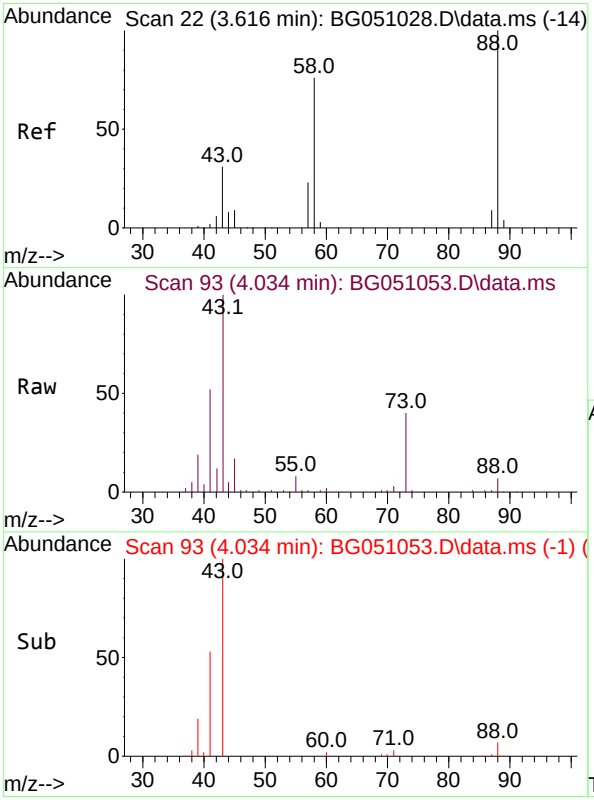
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion:152 Resp: 37217

Ion	Ratio	Lower	Upper
152	100		
150	159.5	119.4	179.0
115	67.8	60.2	90.4

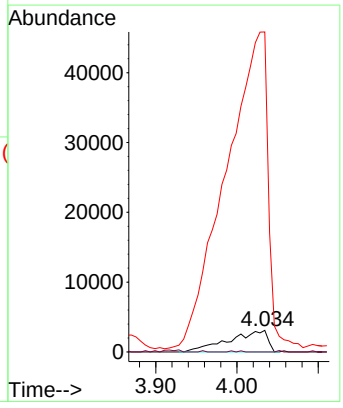


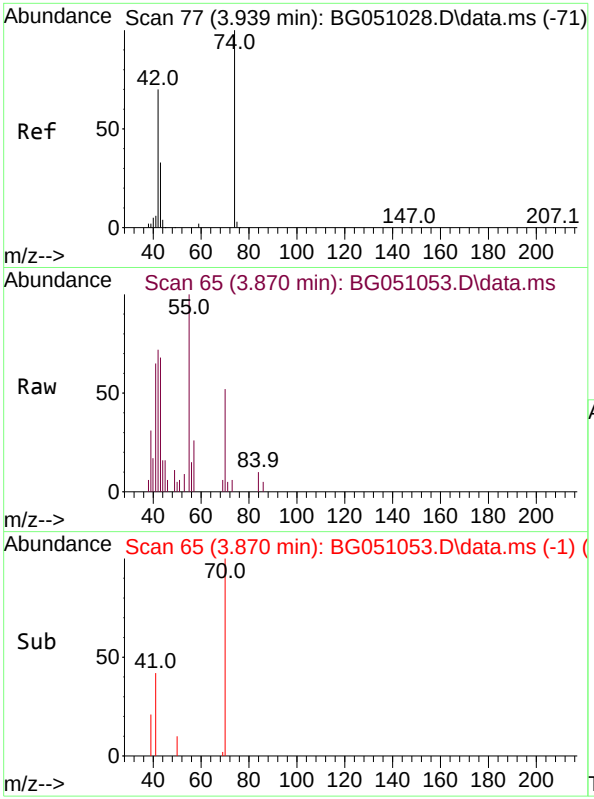


#2
1,4-Dioxane
Concen: 7.996 ng
RT: 4.034 min Scan# 93
Delta R.T. 0.418 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Tgt Ion: 88 Resp: 10248

Ion	Ratio	Lower	Upper
88	100		
58	0.7	55.7	83.5#
43	1595.9	29.3	43.9#



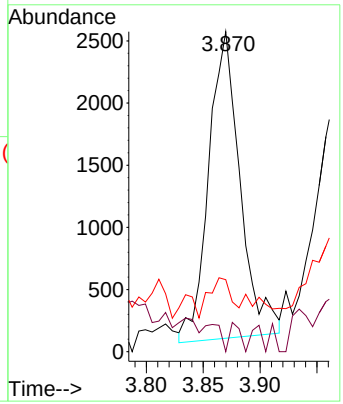


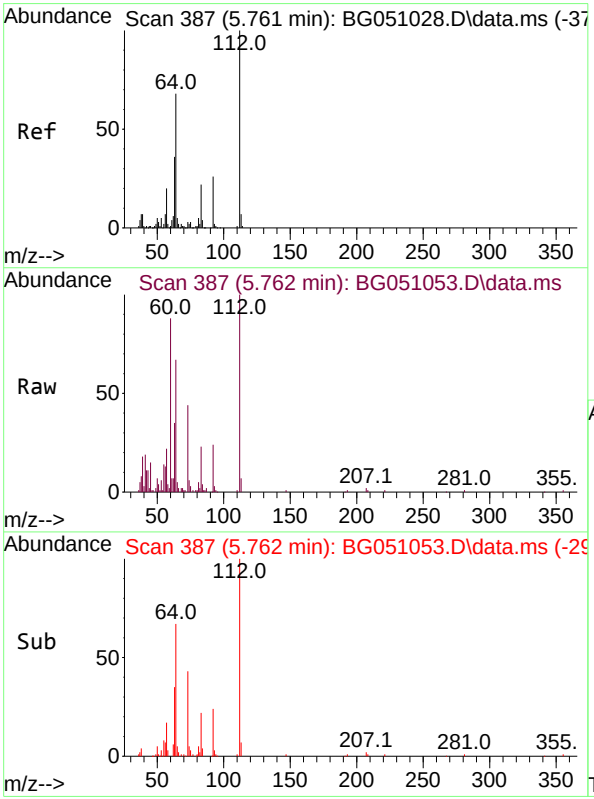
#4
n-Nitrosodimethylamine
Concen: 3.247 ng
RT: 3.870 min Scan# 6
Delta R.T. -0.070 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion: 42 Resp: 4758

Ion	Ratio	Lower	Upper
42	100		
74	0.0	64.0	96.0#
44	22.5	2.7	4.1#

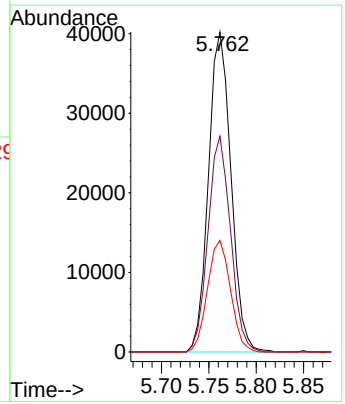


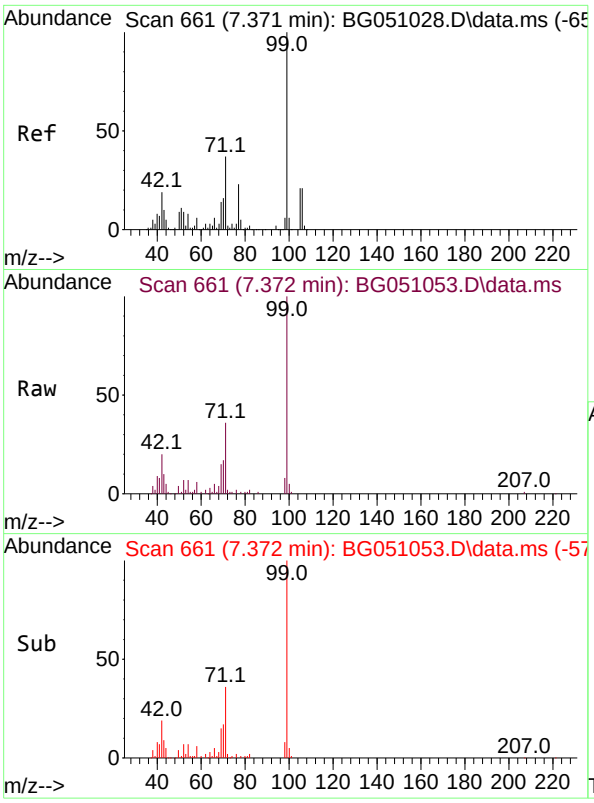


#5
2-Fluorophenol
Concen: 26.678 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Tgt Ion:112 Resp: 66373

Ion	Ratio	Lower	Upper
112	100		
64	67.5	46.7	70.1
63	34.9	35.3	52.9#



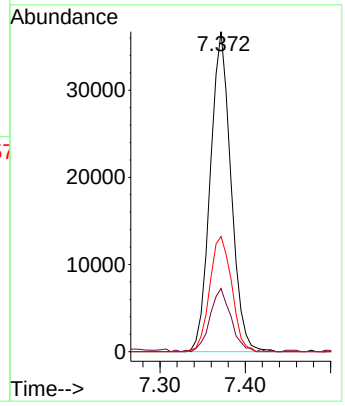


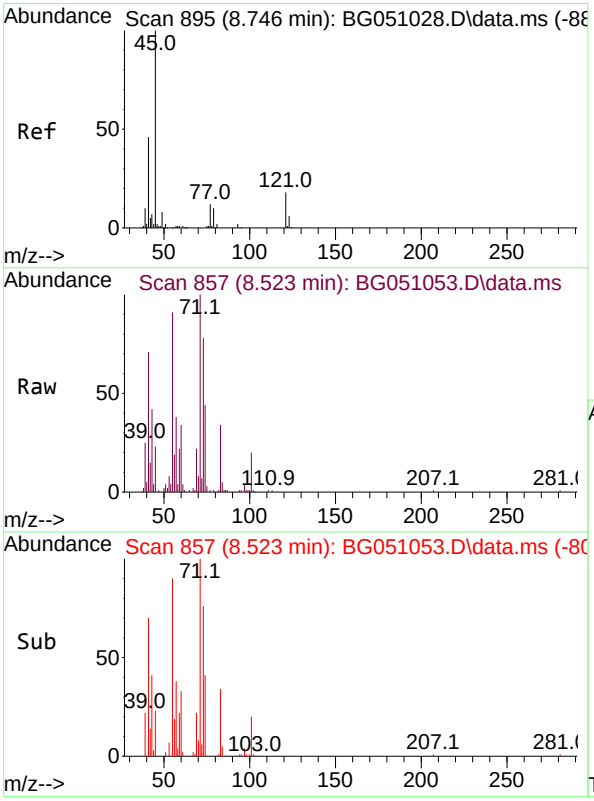
#7
Phenol-d6
Concen: 17.623 ng
RT: 7.372 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion: 99 Resp: 61884

Ion	Ratio	Lower	Upper
99	100		
42	19.7	20.5	30.7#
71	36.0	41.5	62.3#

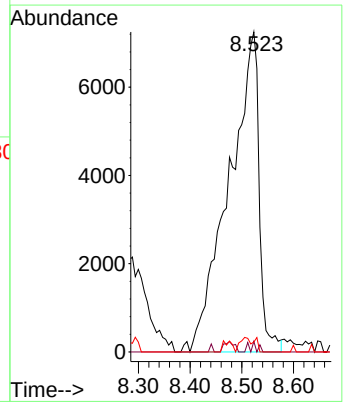


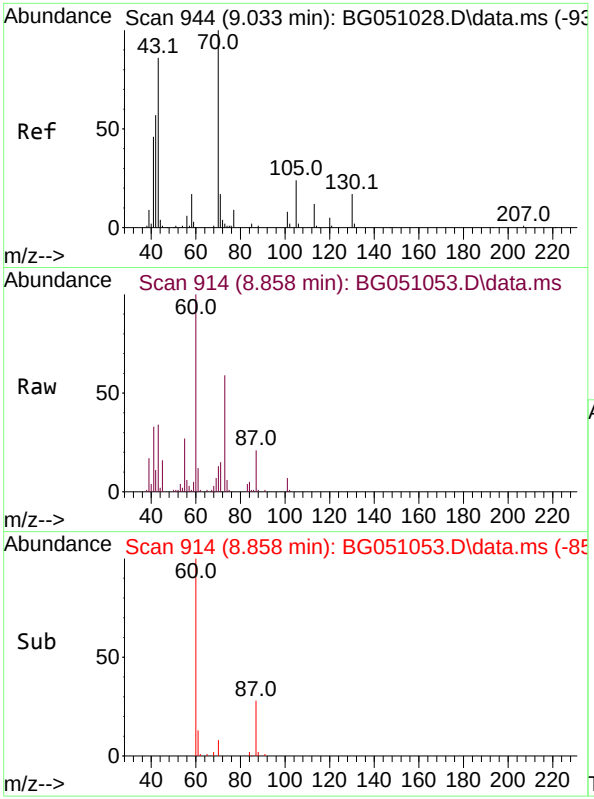


#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.583 ng
RT: 8.523 min Scan# 857
Delta R.T. -0.223 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Tgt Ion: 45 Resp: 29324

Ion	Ratio	Lower	Upper
45	100		
77	3.3	2.2	42.2
79	3.1	0.0	34.3



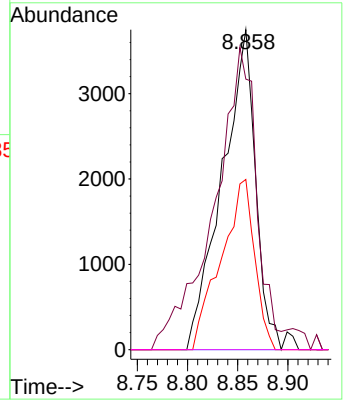


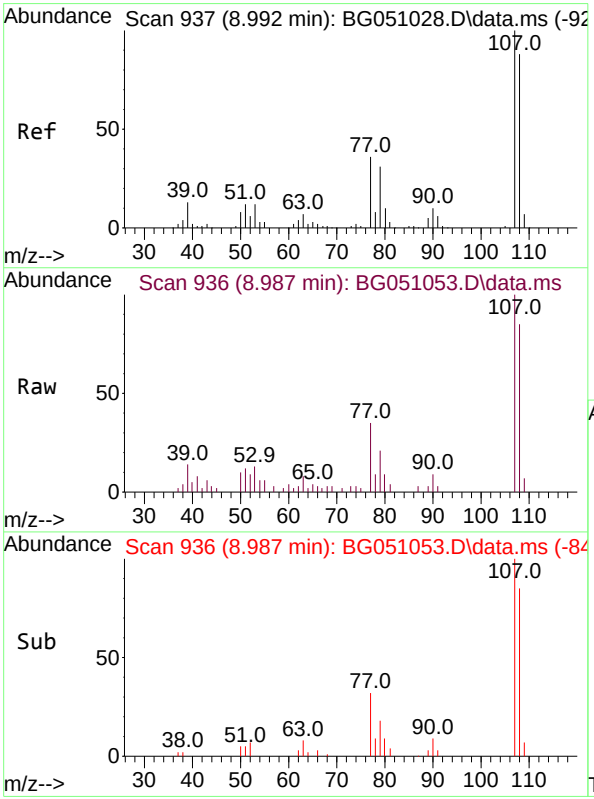
#19
n-Nitroso-di-n-propylamine
Concen: 3.342 ng
RT: 8.858 min Scan# 91
Delta R.T. -0.175 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion: 70 Resp: 8673

Ion	Ratio	Lower	Upper
70	100		
42	84.6	54.5	81.7#
101	53.2	9.0	13.6#
130	0.0	17.0	25.6#

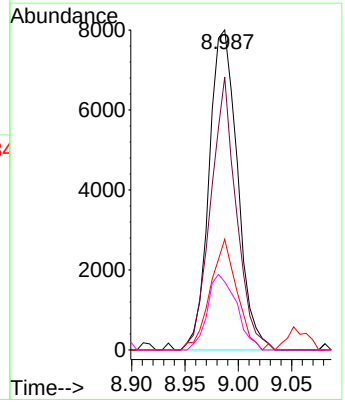


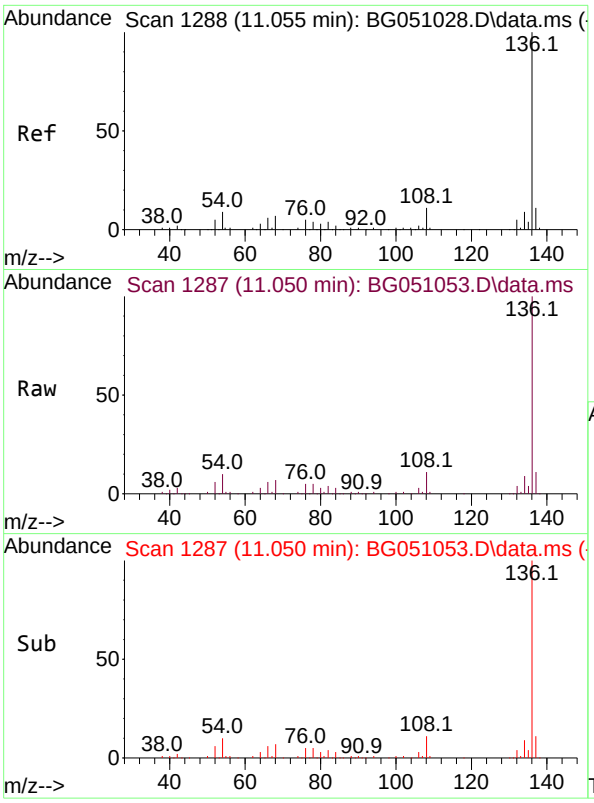


#20
3+4-Methylphenols
Concen: 4.375 ng
RT: 8.987 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Tgt Ion:107 Resp: 14825

Ion	Ratio	Lower	Upper
107	100		
108	85.3	69.3	109.3
77	34.6	25.2	65.2
79	21.3	15.1	55.1



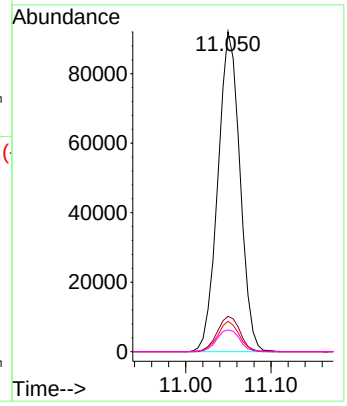


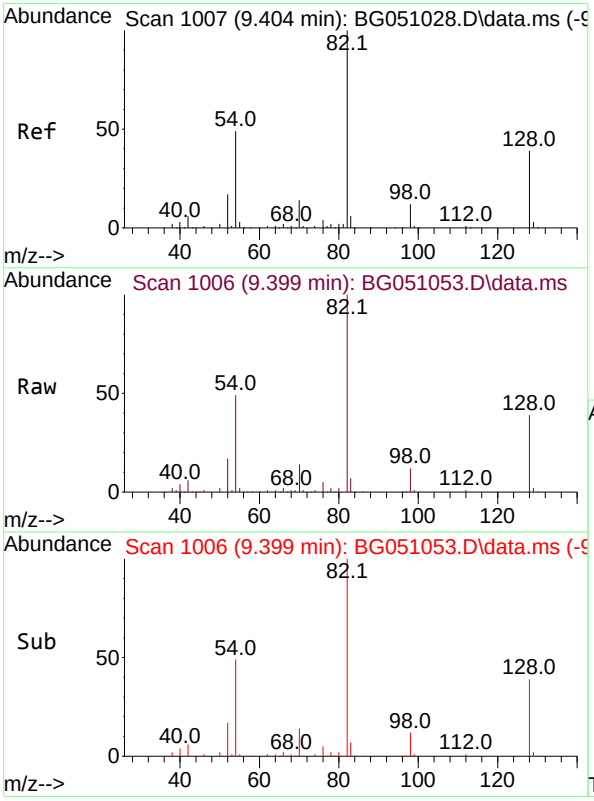
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion:136 Resp: 165608

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	9.5	5.5	8.3#
68	6.8	2.3	3.5#

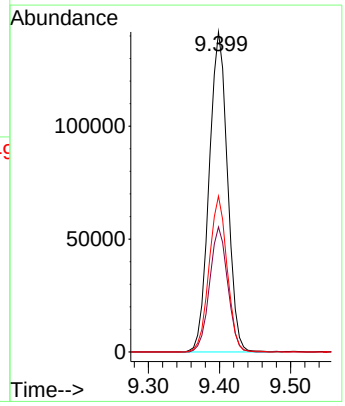


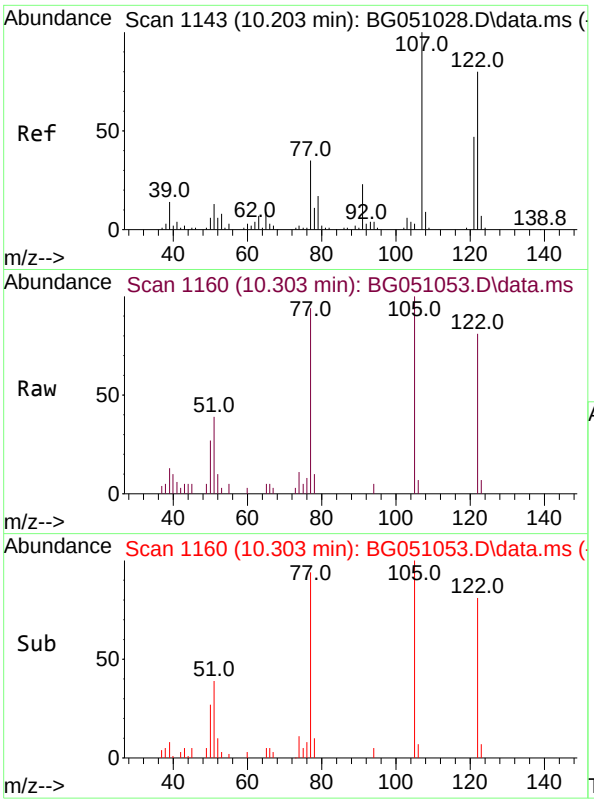


#23
Nitrobenzene-d5
Concen: 68.005 ng
RT: 9.399 min Scan# 1006
Delta R.T. -0.005 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Tgt Ion: 82 Resp: 254417

Ion	Ratio	Lower	Upper
82	100		
128	39.1	29.8	44.6
54	48.7	45.8	68.8



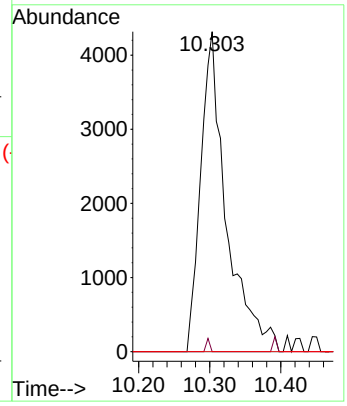


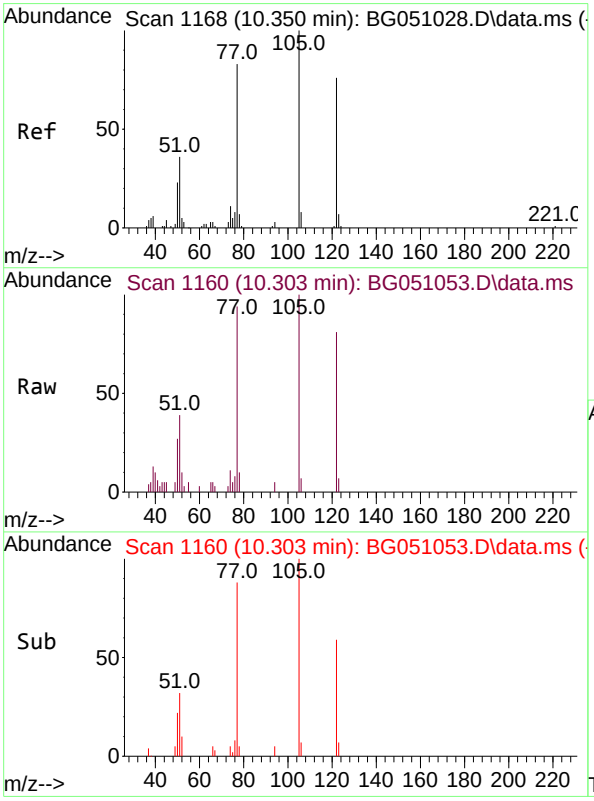
#27
2,4-Dimethylphenol
Concen: 4.546 ng
RT: 10.303 min Scan# 11
Delta R.T. 0.101 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion:122 Resp: 10862

Ion	Ratio	Lower	Upper
122	100		
107	0.0	110.1	165.1#
121	0.0	49.0	73.6#

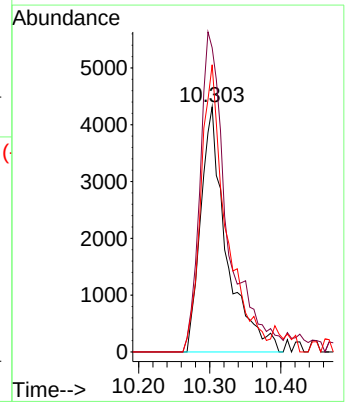


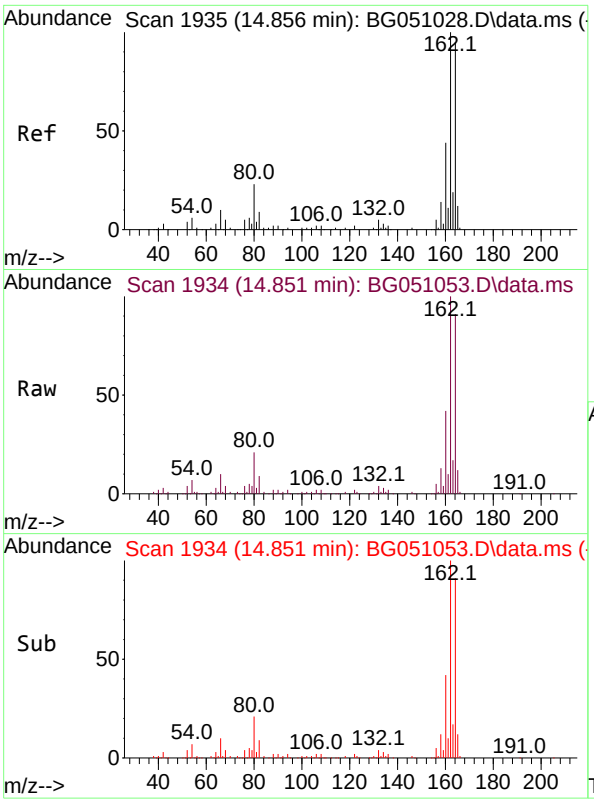


#32
Benzoic acid
Concen: 5.898 ng
RT: 10.303 min Scan# 1160
Delta R.T. -0.046 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Tgt Ion:122 Resp: 10862

Ion	Ratio	Lower	Upper
122	100		
105	124.1	92.3	132.3
77	117.1	66.5	106.5#



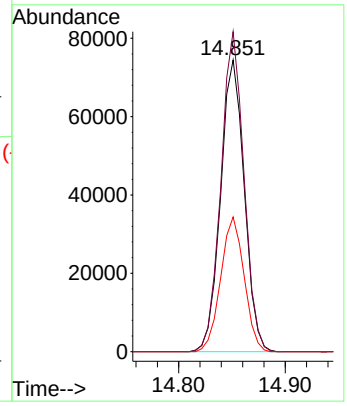


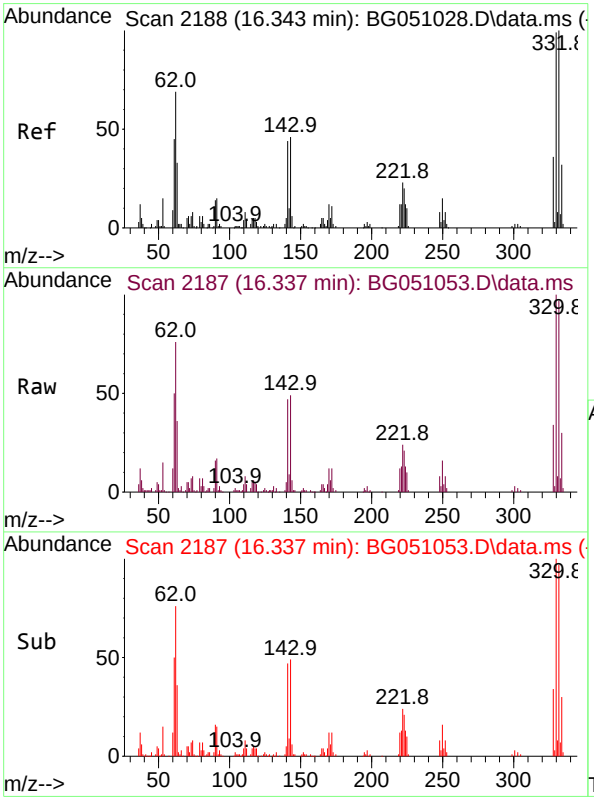
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion:164 Resp: 114579

Ion	Ratio	Lower	Upper
164	100		
162	109.7	81.4	122.0
160	46.2	34.9	52.3

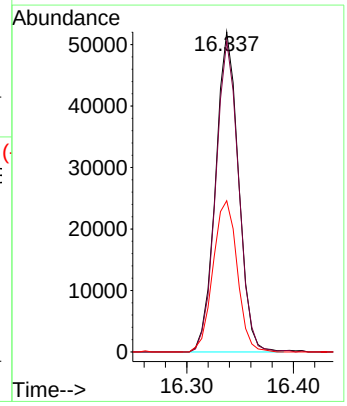


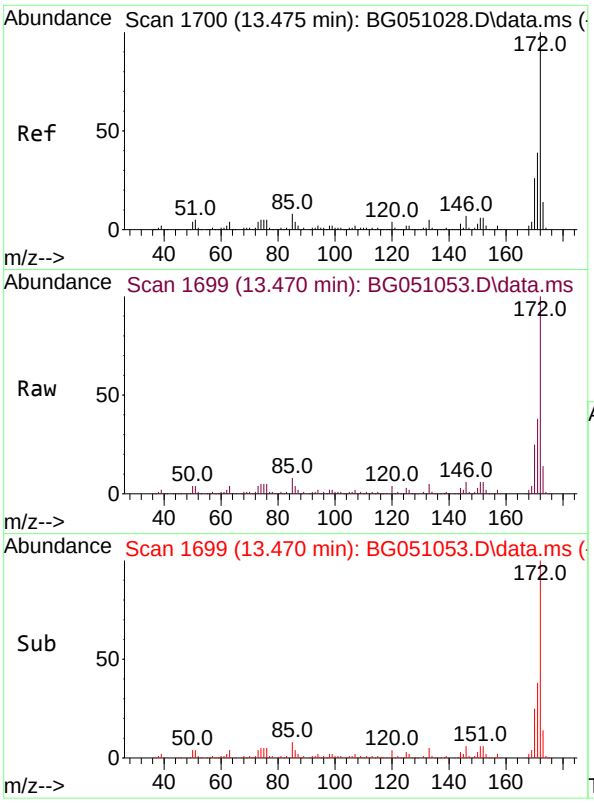


#42
2,4,6-Tribromophenol
Concen: 67.796 ng
RT: 16.337 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Tgt Ion:330 Resp: 77736

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	49.8	35.6	53.4



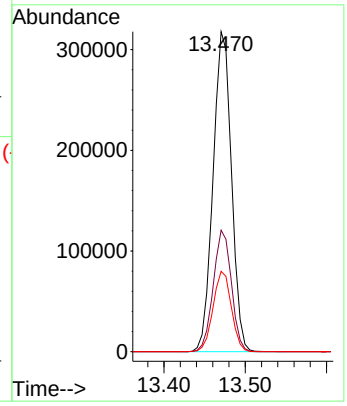


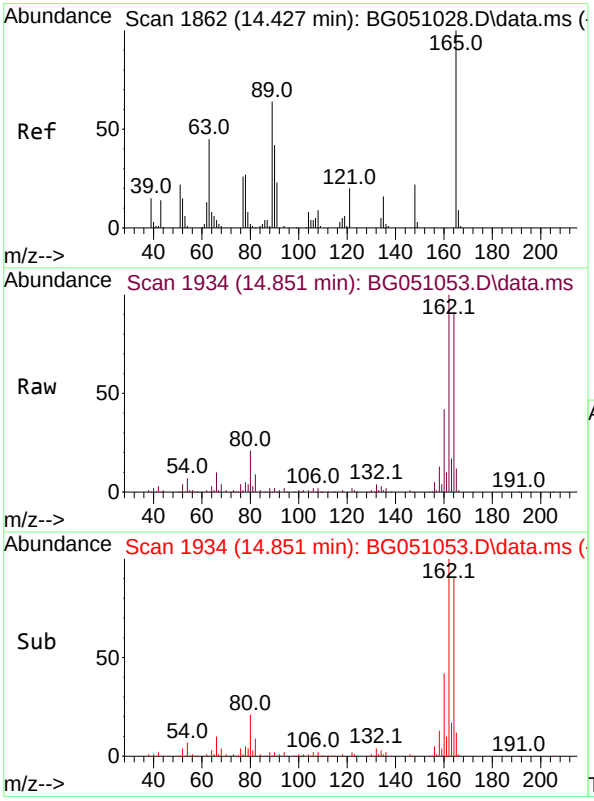
#45
2-Fluorobiphenyl
Concen: 68.838 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion:172 Resp: 499189

Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.6	43.0
170	25.1	18.6	27.8

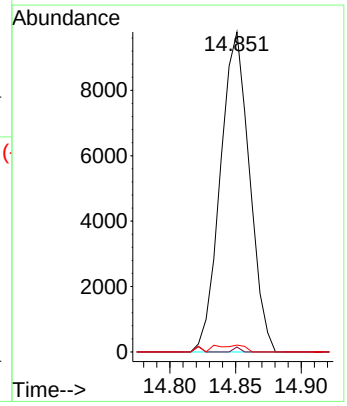


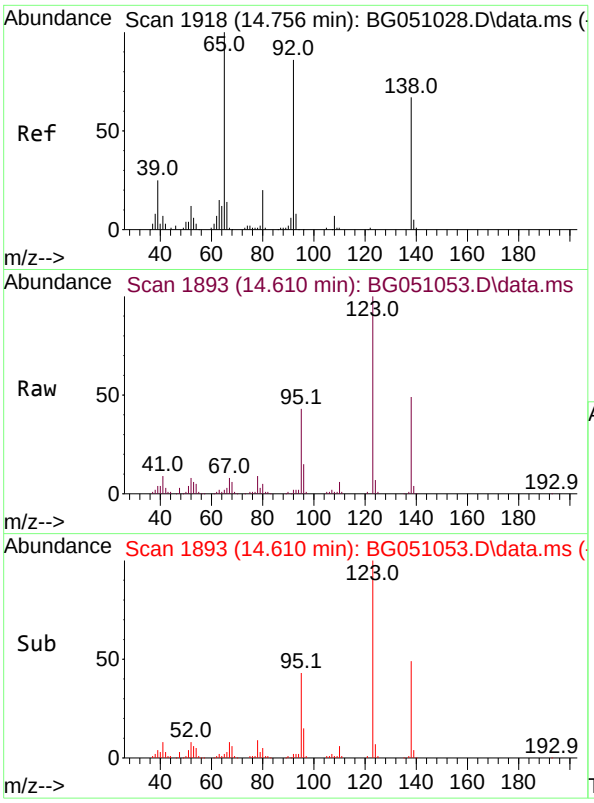


#51
2,6-Dinitrotoluene
Concen: 8.133 ng
RT: 14.851 min Scan# 1934
Delta R.T. 0.424 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Tgt Ion:165 Resp: 15091

Ion	Ratio	Lower	Upper
165	100		
63	1.6	63.3	94.9#
89	2.1	63.4	95.0#



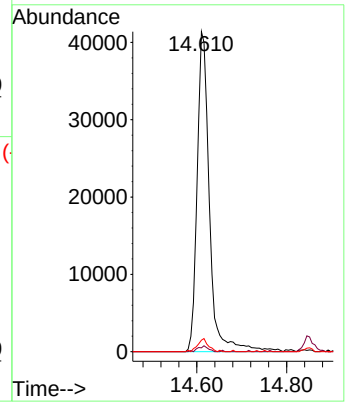


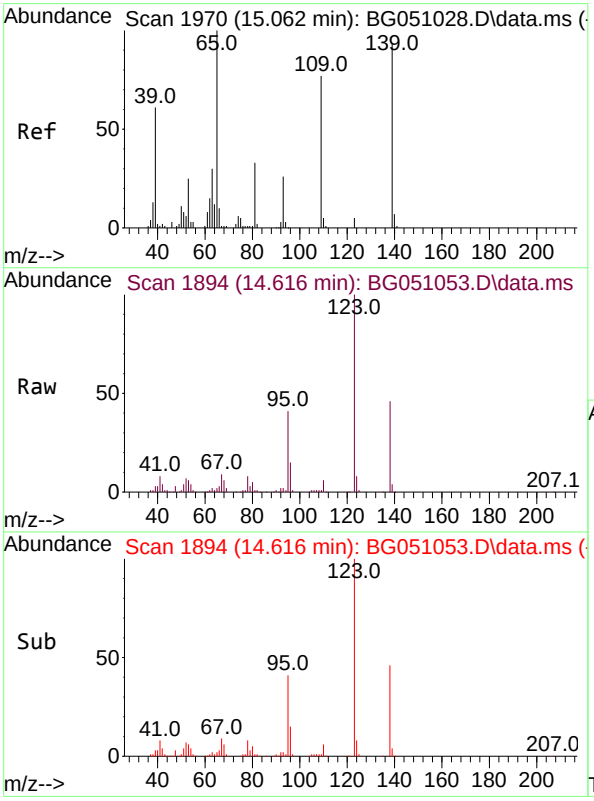
#53
3-Nitroaniline
Concen: 36.324 ng
RT: 14.610 min Scan# 1
Delta R.T. -0.146 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion:138 Resp: 78767

Ion	Ratio	Lower	Upper
138	100		
108	1.2	8.3	12.5#
92	3.6	96.4	144.6#

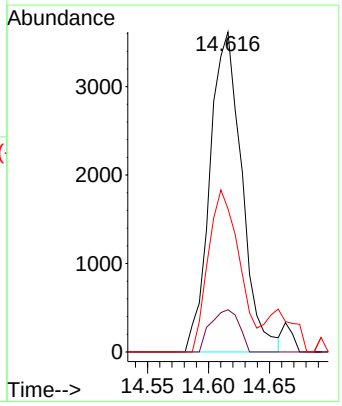


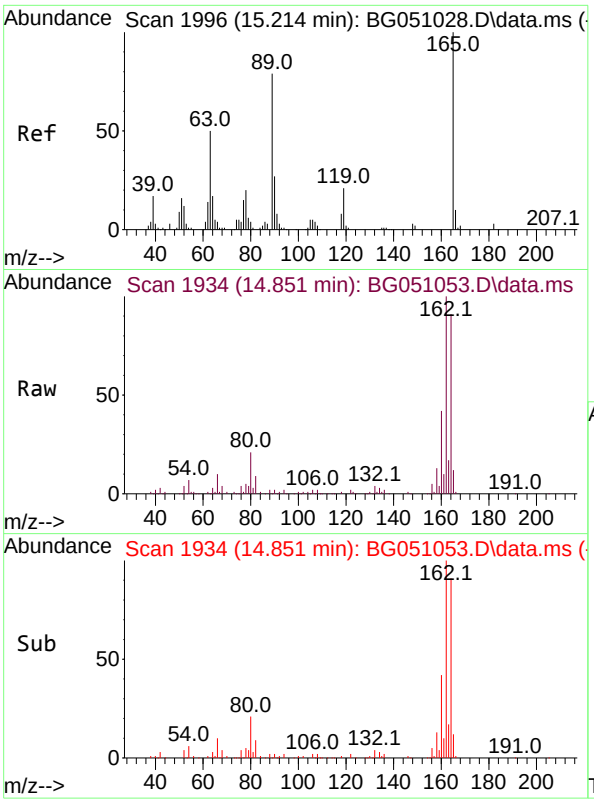


#56
4-Nitrophenol
Concen: 3.965 ng
RT: 14.616 min Scan# 1894
Delta R.T. -0.446 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Tgt Ion:139 Resp: 6578

Ion	Ratio	Lower	Upper
139	100		
109	13.2	116.3	156.3#
65	44.7	105.0	145.0#



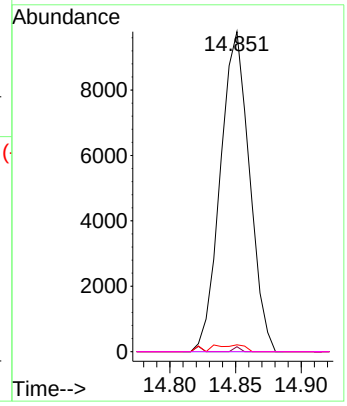


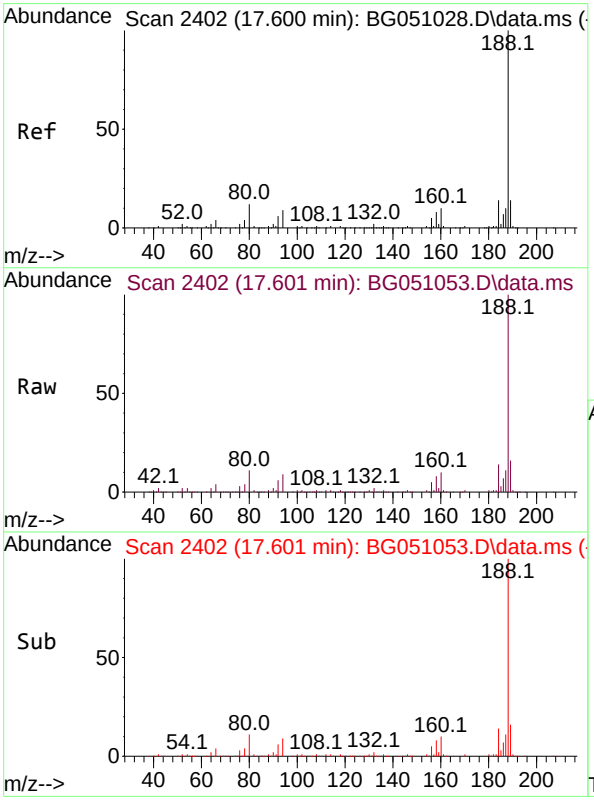
#57
2,4-Dinitrotoluene
Concen: 5.732 ng
RT: 14.851 min Scan# 1
Delta R.T. -0.363 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion:165 Resp: 15091

Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.0	72.0#
89	2.1	65.4	98.0#
182	0.0	2.0	3.0#

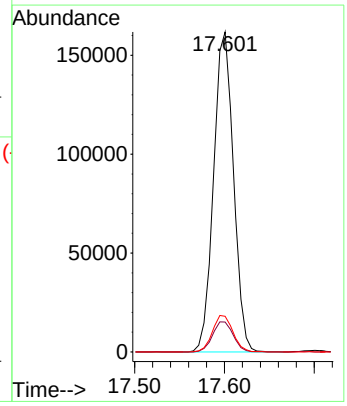


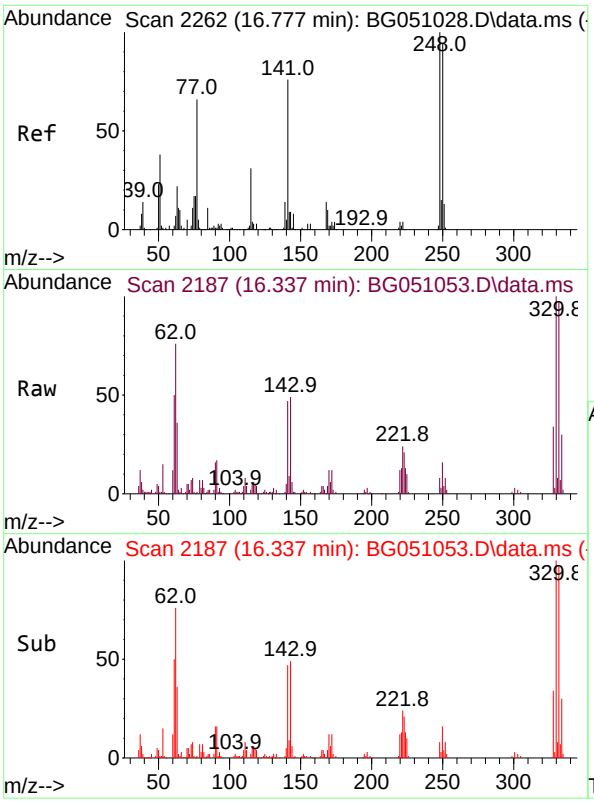


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.601 min Scan# 2402
Delta R.T. 0.001 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Tgt Ion:188 Resp: 248751

Ion	Ratio	Lower	Upper
188	100		
94	9.4	5.4	8.0#
80	11.2	3.7	5.5#



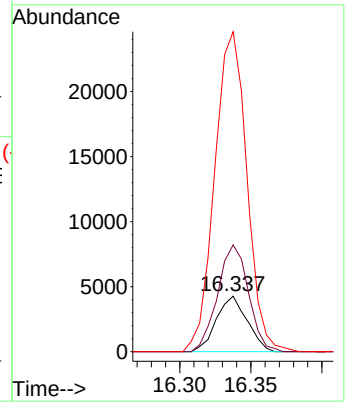


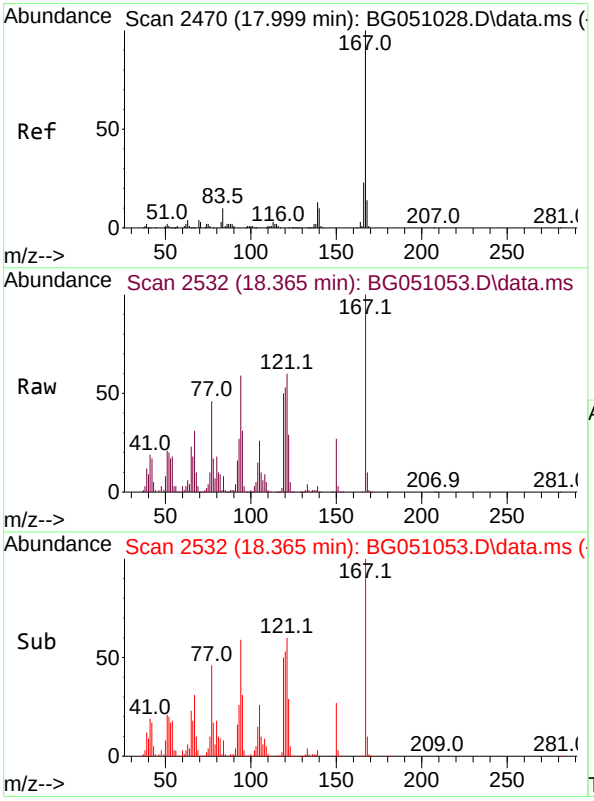
#67
4-Bromophenyl-phenylether
Concen: 2.469 ng
RT: 16.337 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion:248 Resp: 6432

Ion	Ratio	Lower	Upper
248	100		
250	192.0	76.1	114.1#
141	575.7	65.4	98.2#

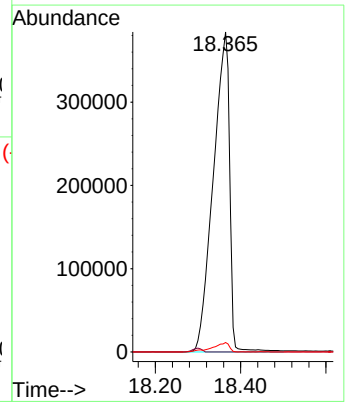


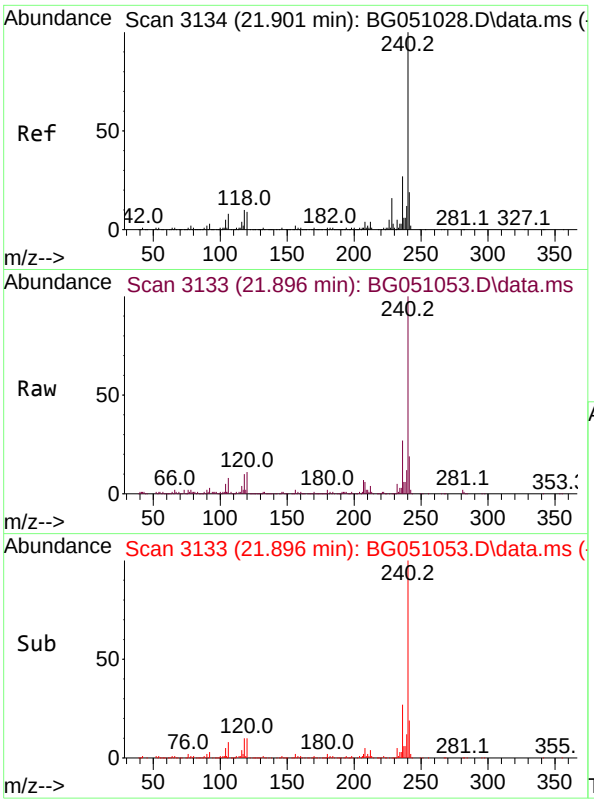


#73
Carbazole
Concen: 77.964 ng
RT: 18.365 min Scan# 2532
Delta R.T. 0.365 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Tgt Ion:167 Resp: 1018891

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.4	26.2#
139	3.0	10.7	16.1#



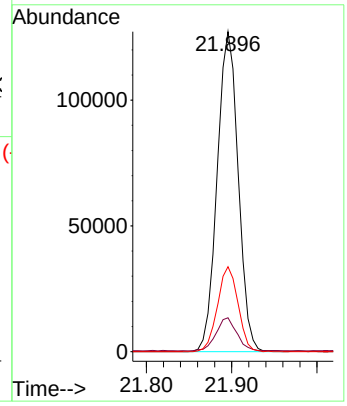


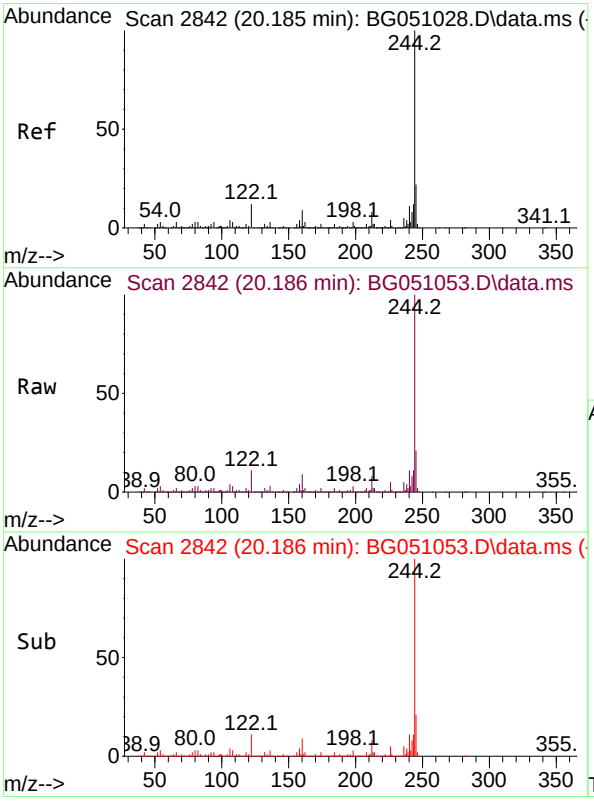
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion:240 Resp: 218257

Ion	Ratio	Lower	Upper
240	100		
120	10.6	4.2	6.2#
236	26.6	21.8	32.6

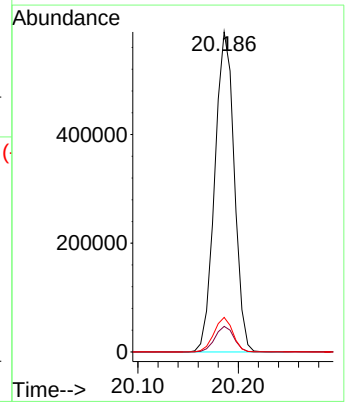


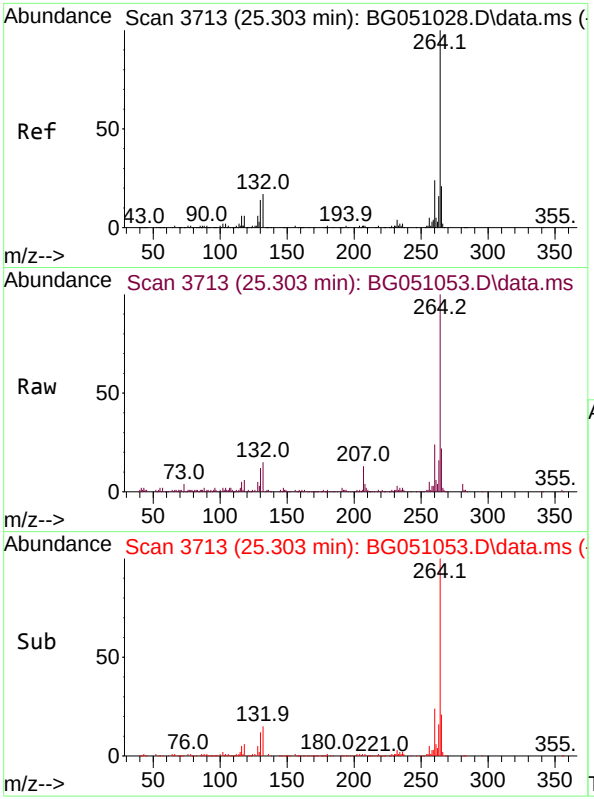


#79
Terphenyl-d14
Concen: 66.522 ng
RT: 20.186 min Scan# 2842
Delta R.T. 0.001 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Tgt Ion:244 Resp: 793480

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	10.8	5.0	7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.303 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG051053.D
Acq: 15 Nov 2021 22:49

Instrument :
BNA_G
ClientSampleId :
MBR1

Tgt Ion:264 Resp: 212768

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.7	16.9	25.3