Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052521.D
Acq On : 1 Mar 2022 16:22
Operator : CG/JU
Sample : N1688-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-35

Quant Time: Mar 02 01:52:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	31630	20.000	ng	0.00
21) Naphthalene-d8	11.057	136	119054	20.000	ng	#-0.01
39) Acenaphthene-d10	14.863	164	82964	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	192716	20.000	ng	0.00
76) Chrysene-d12	21.930	240	207517	20.000	ng	0.00
86) Perylene-d12	25.396	264	213429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	120067	66.159	ng	0.00
7) Phenol-d6	7.368	99	101824	36.363	ng	0.00
23) Nitrobenzene-d5	9.394	82	252408	92.143	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	176291	147.906	ng	0.00
45) 2-Fluorobiphenyl	13.489	172	552847	92.594	ng	0.00
79) Terphenyl-d14	20.209	244	1022597	87.018	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.374	77	80	Below Cal	#	8
10) Phenol	7.391	94	7828	2.814	ng	92
19) n-Nitroso-di-n-propyla...	9.394	70	35503	16.818	ng	# 71
32) Benzoic acid	10.246	122	124	6.080	ng	# 1
51) 2,6-Dinitrotoluene	14.863	165	11260	8.210	ng	# 16
57) 2,4-Dinitrotoluene	14.863	165	11260	5.768	ng	# 15
67) 4-Bromophenyl-phenylether	16.356	248	11434	4.879	ng	# 1
77) Benzidine	20.209	184	14768	3.330	ng	# 93

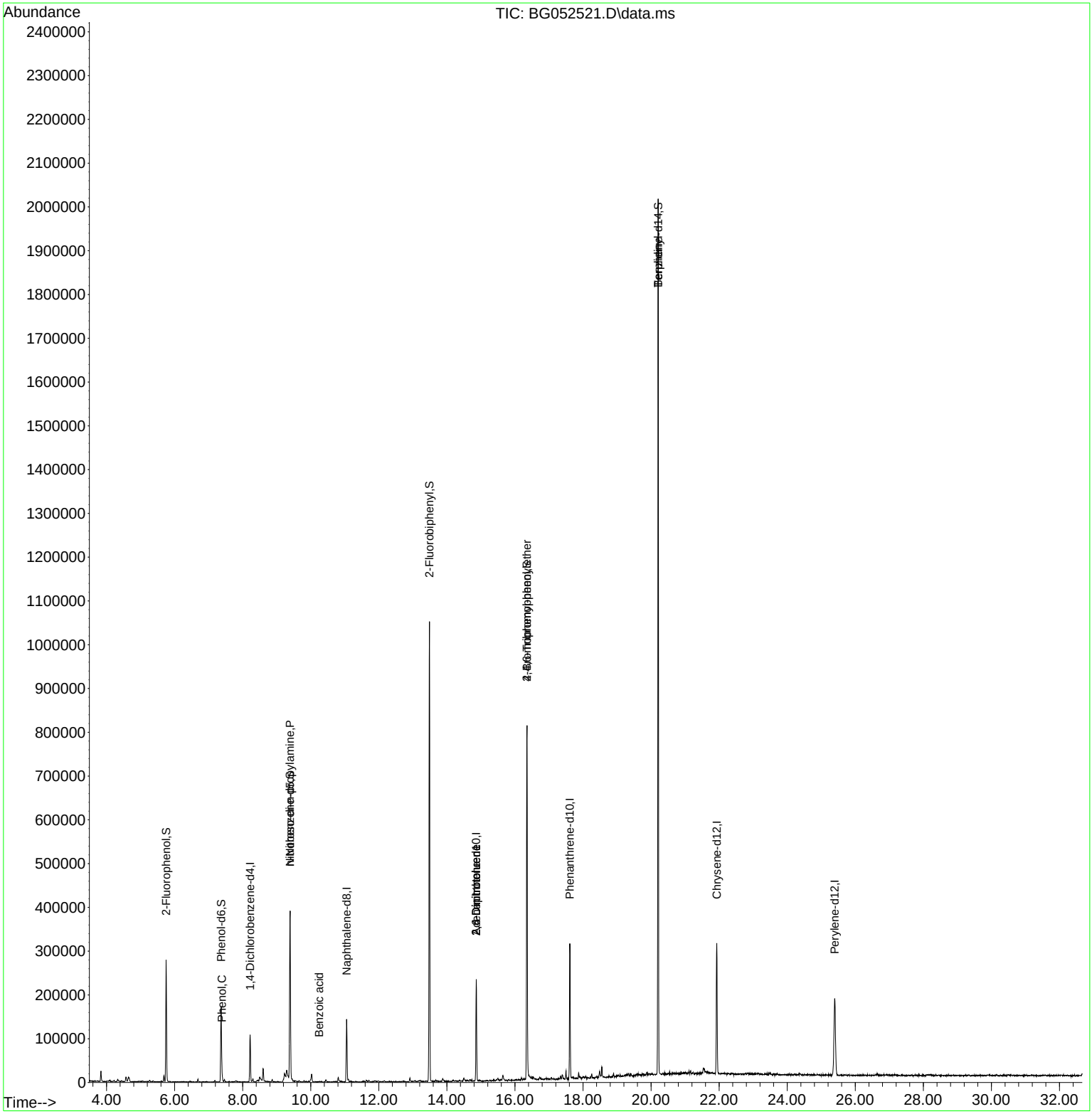
(#) = qualifier out of range (m) = manual integration (+) = signals summed

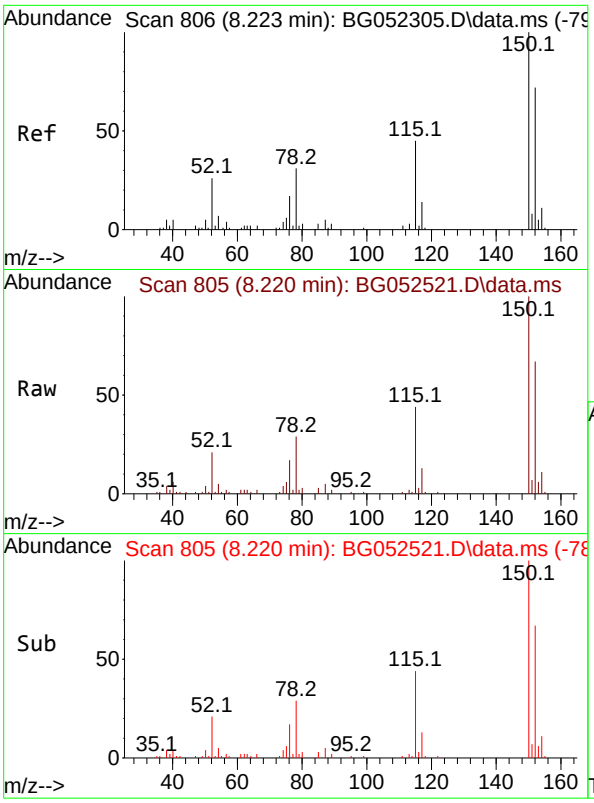
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052521.D
Acq On : 1 Mar 2022 16:22
Operator : CG/JU
Sample : N1688-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-35

Quant Time: Mar 02 01:52:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration



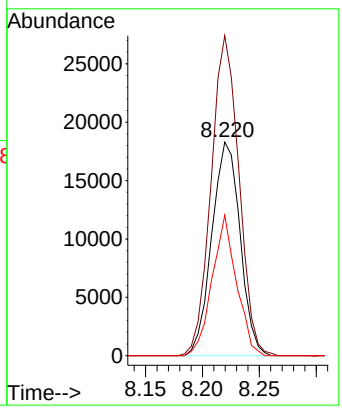


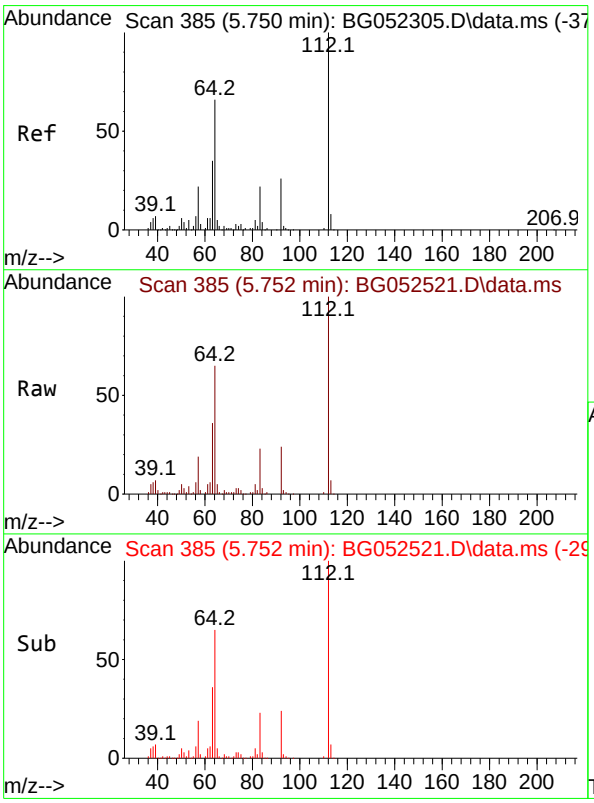
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Instrument :
BNA_G
ClientSampleId :
MW-35

Tgt Ion:152 Resp: 31630

Ion	Ratio	Lower	Upper
152	100		
150	149.8	117.8	176.8
115	65.7	50.2	75.2

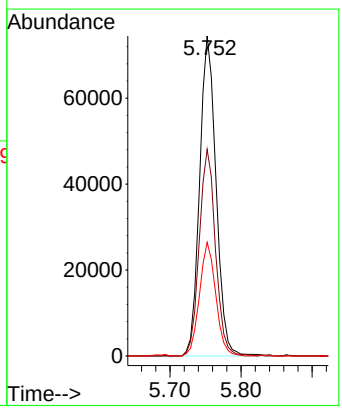


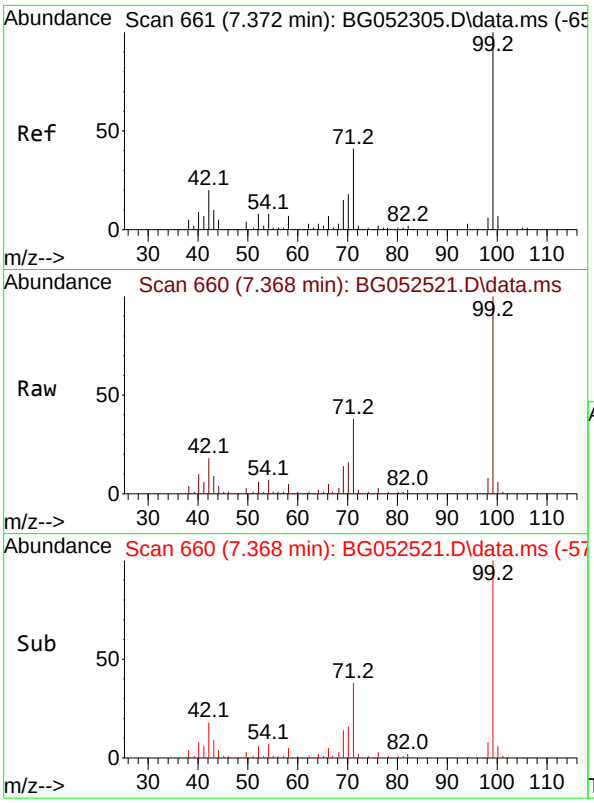


#5
2-Fluorophenol
Concen: 66.159 ng
RT: 5.752 min Scan# 385
Delta R.T. 0.002 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Tgt Ion:112 Resp: 120067

Ion	Ratio	Lower	Upper
112	100		
64	64.6	60.4	90.6
63	35.5	33.3	49.9



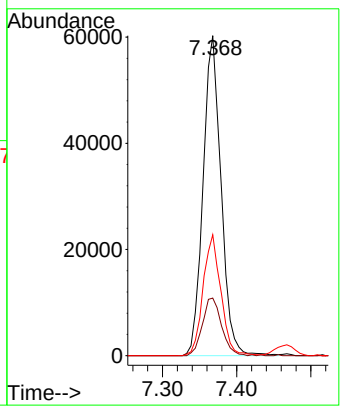


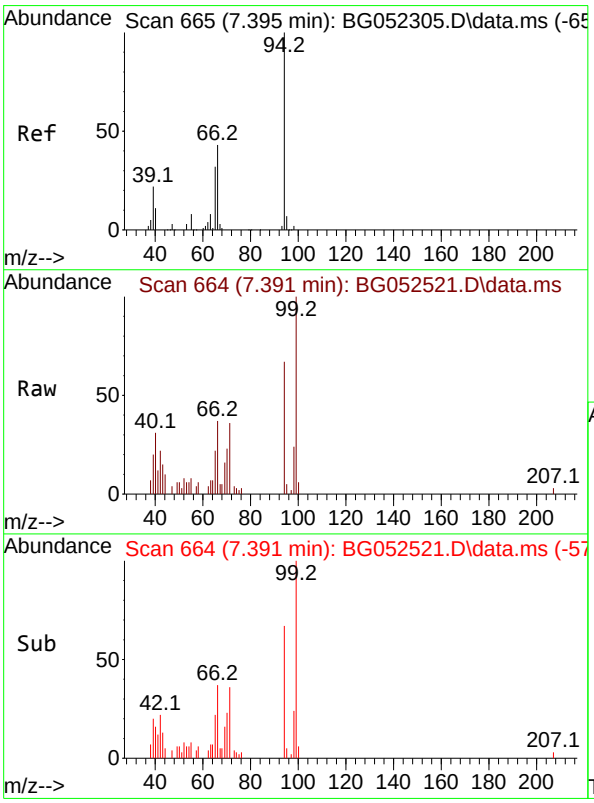
#7
Phenol-d6
Concen: 36.363 ng
RT: 7.368 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Instrument :
BNA_G
ClientSampleId :
MW-35

Tgt Ion: 99 Resp: 101824

Ion	Ratio	Lower	Upper
99	100		
42	18.0	19.1	28.7#
71	37.8	33.4	50.2

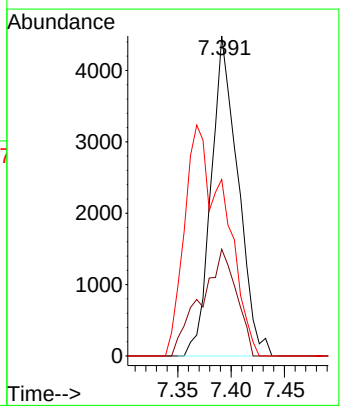


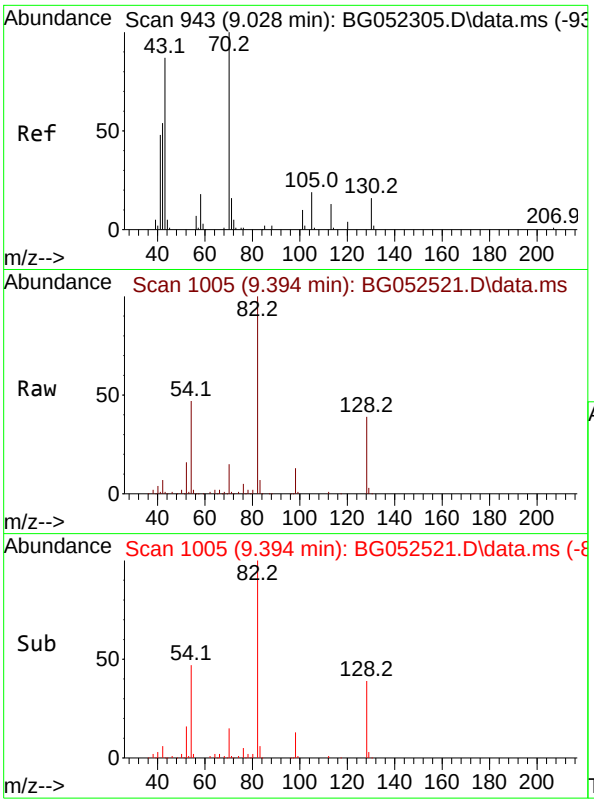


#10
Phenol
Concen: 2.814 ng
RT: 7.391 min Scan# 664
Delta R.T. -0.004 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Tgt Ion: 94 Resp: 7828

Ion	Ratio	Lower	Upper
94	100		
65	33.3	14.1	54.1
66	55.1	26.6	66.6



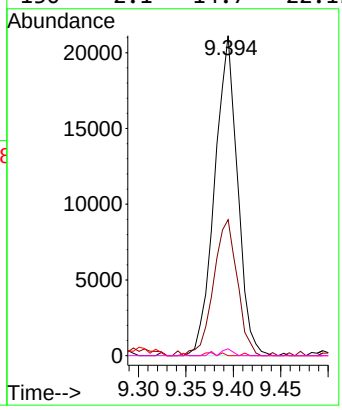


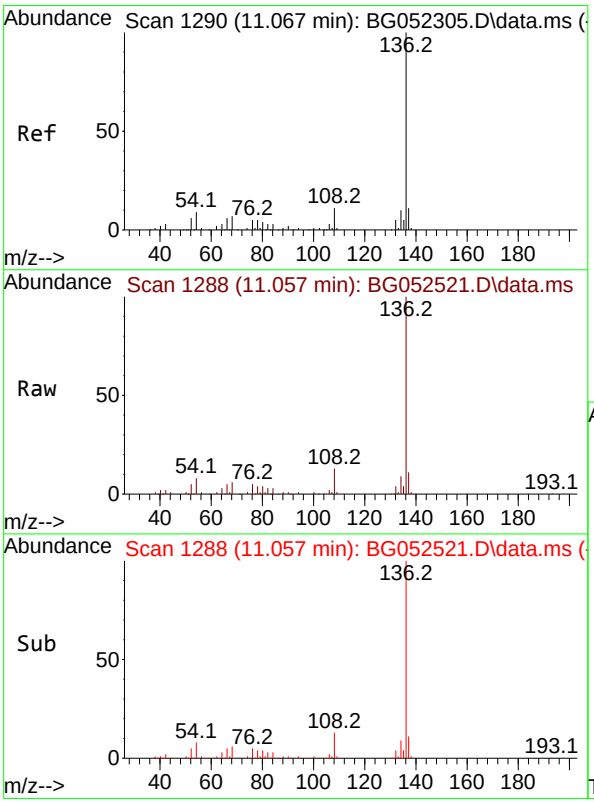
#19
n-Nitroso-di-n-propylamine
Concen: 16.818 ng
RT: 9.394 min Scan# 1
Delta R.T. 0.366 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Instrument :
BNA_G
ClientSampleId :
MW-35

Tgt Ion: 70 Resp: 35503

Ion	Ratio	Lower	Upper
70	100		
42	42.5	51.8	77.6#
101	0.0	6.6	10.0#
130	2.1	14.7	22.1#

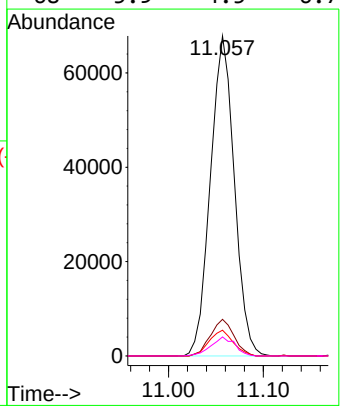


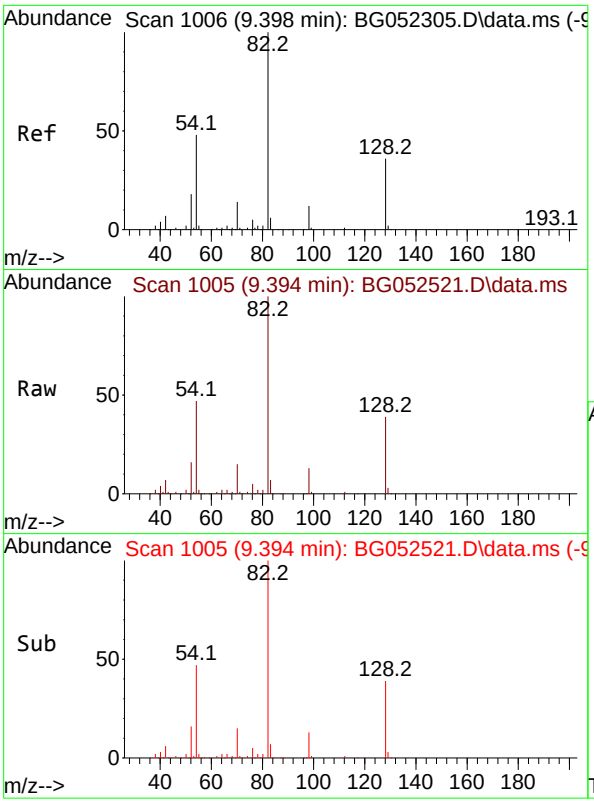


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.057 min Scan# 1288
Delta R.T. -0.010 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Tgt Ion:136 Resp: 119054

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.1	8.3	12.5#
68	5.9	4.5	6.7



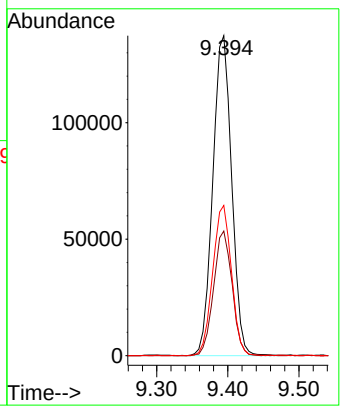


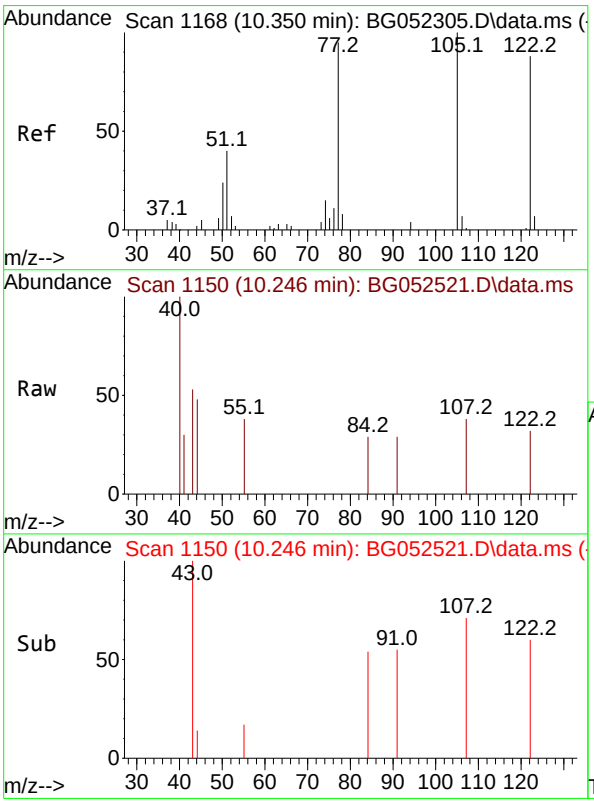
#23
Nitrobenzene-d5
Concen: 92.143 ng
RT: 9.394 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Instrument :
BNA_G
ClientSampleId :
MW-35

Tgt Ion: 82 Resp: 252408

Ion	Ratio	Lower	Upper
82	100		
128	39.0	27.0	40.4
54	47.0	41.0	61.6

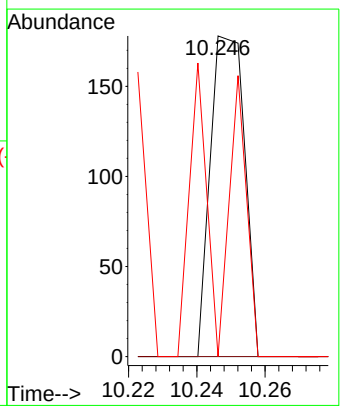


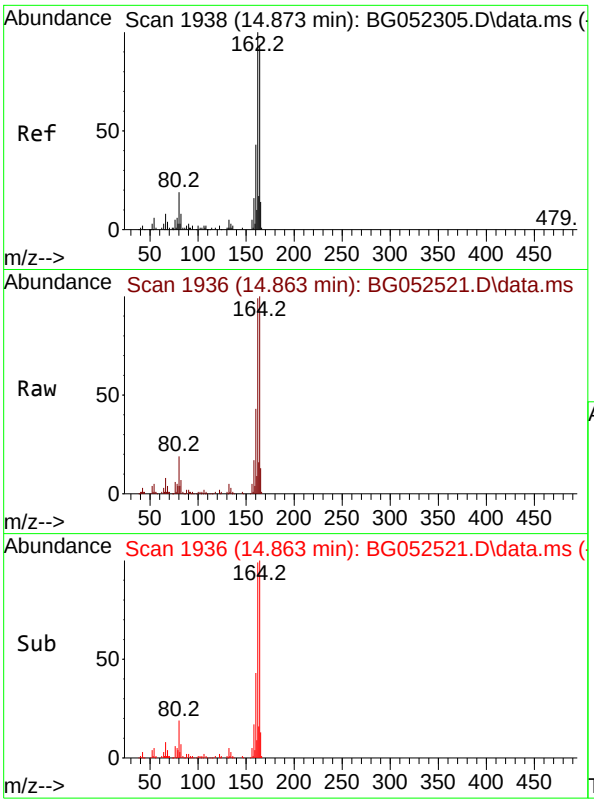


#32
Benzoic acid
Concen: 6.080 ng
RT: 10.246 min Scan# 1150
Delta R.T. -0.104 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Tgt Ion:122 Resp: 124

Ion	Ratio	Lower	Upper
122	100		
105	0.0	109.2	149.2#
77	0.0	92.8	132.8#



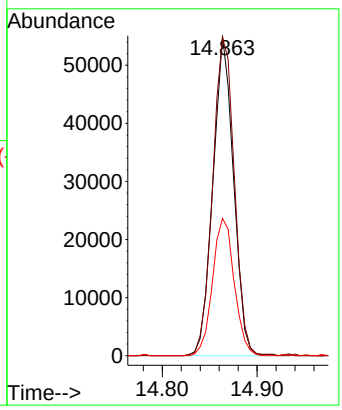


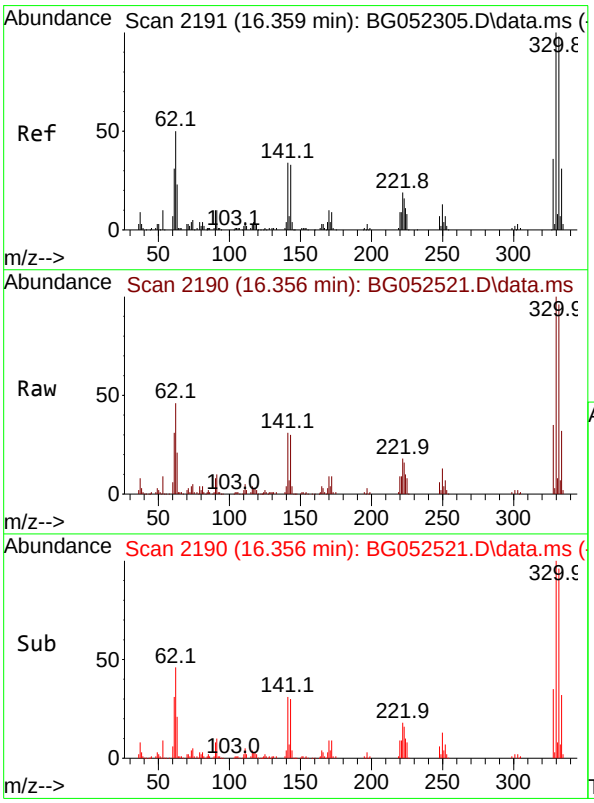
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.863 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Instrument :
BNA_G
ClientSampleId :
MW-35

Tgt Ion:164 Resp: 82964

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.2	123.2
160	42.9	36.2	54.2

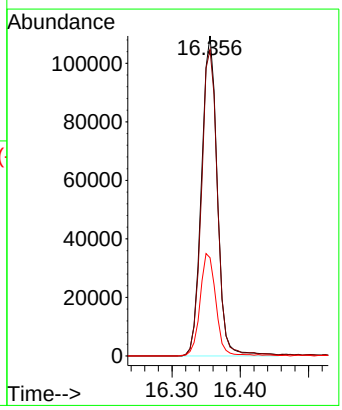


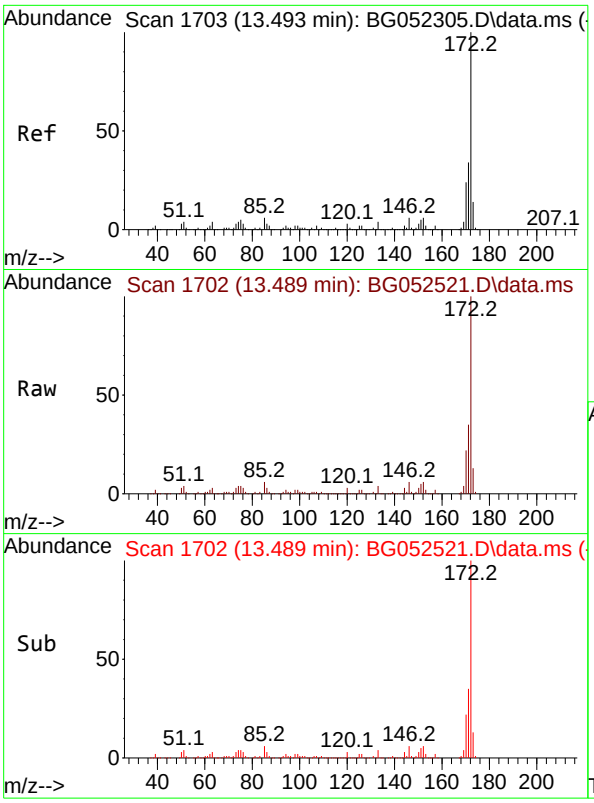


#42
2,4,6-Tribromophenol
Concen: 147.906 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Tgt Ion:330 Resp: 176291

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.6	117.8
141	31.9	28.8	43.2



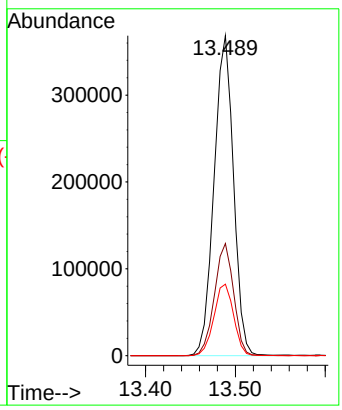


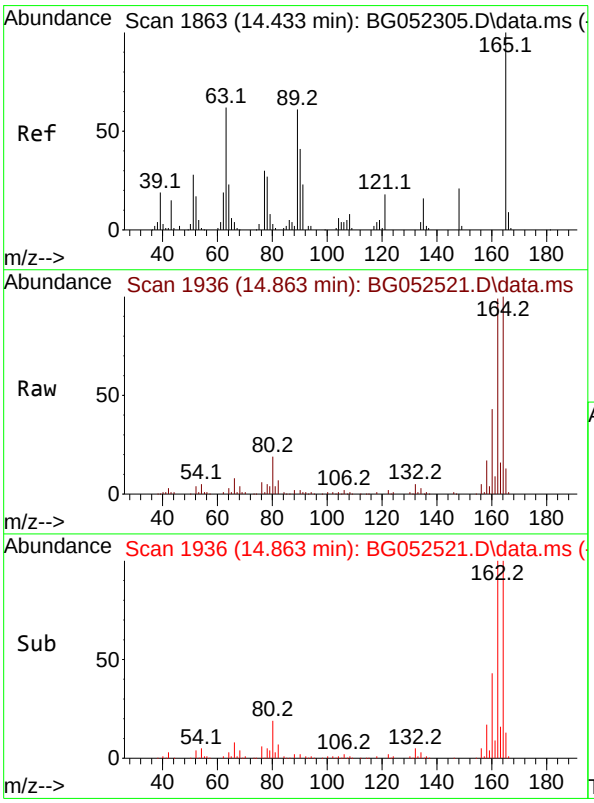
#45
2-Fluorobiphenyl
Concen: 92.594 ng
RT: 13.489 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Instrument :
BNA_G
ClientSampleId :
MW-35

Tgt Ion:172 Resp: 552847

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.4	18.3	27.5

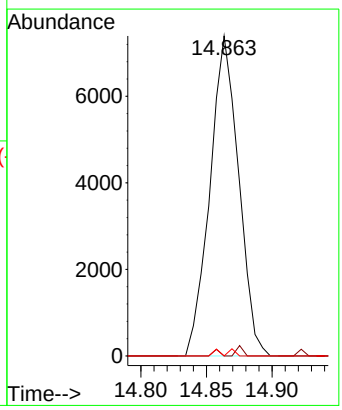


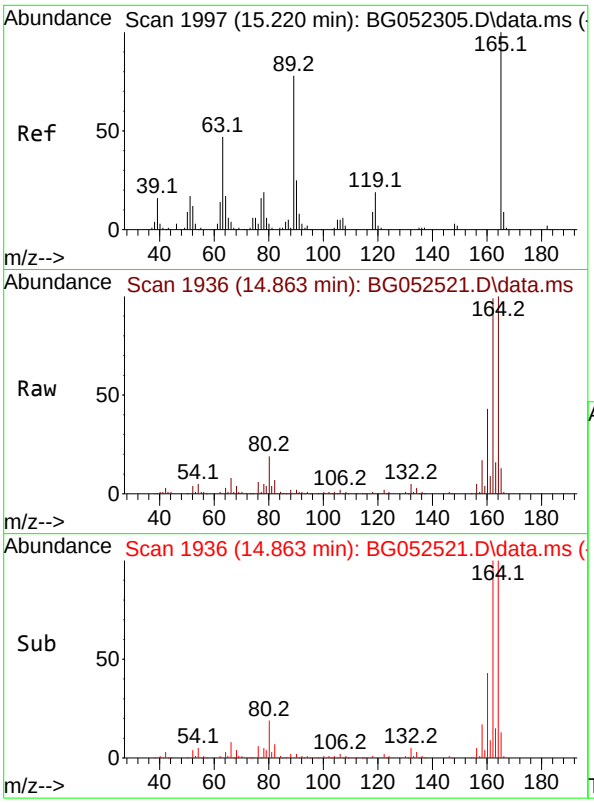


#51
2,6-Dinitrotoluene
Concen: 8.210 ng
RT: 14.863 min Scan# 1936
Delta R.T. 0.431 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Tgt Ion:165 Resp: 11260

Ion	Ratio	Lower	Upper
165	100		
63	0.0	59.0	88.4#
89	0.0	49.4	74.0#



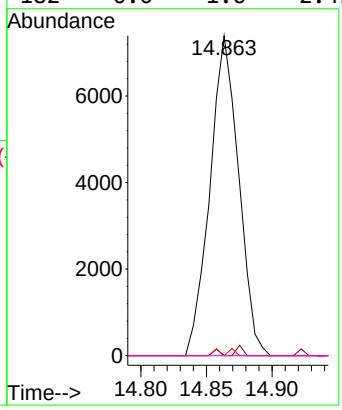


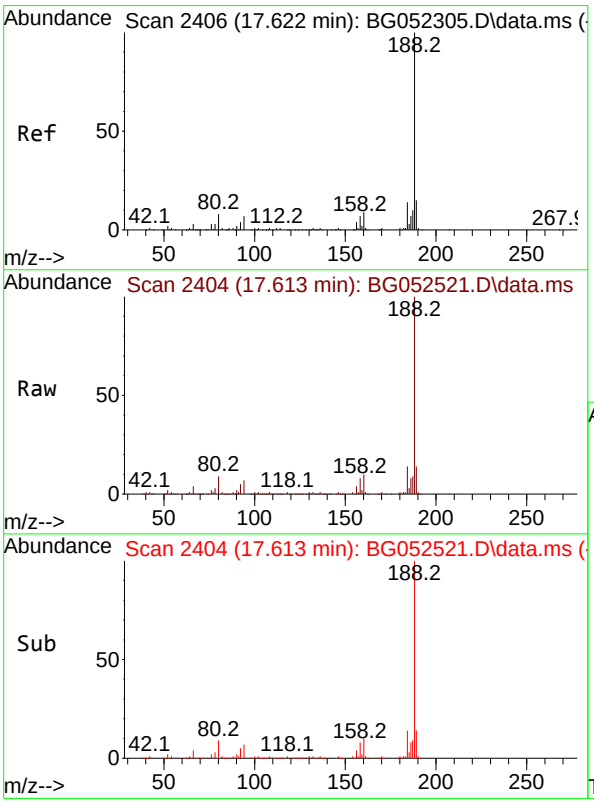
#57
2,4-Dinitrotoluene
Concen: 5.768 ng
RT: 14.863 min Scan# 1
Delta R.T. -0.356 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Instrument :
BNA_G
ClientSampleId :
MW-35

Tgt Ion:165 Resp: 11260

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	66.8#
89	0.0	67.4	101.0#
182	0.0	1.6	2.4#

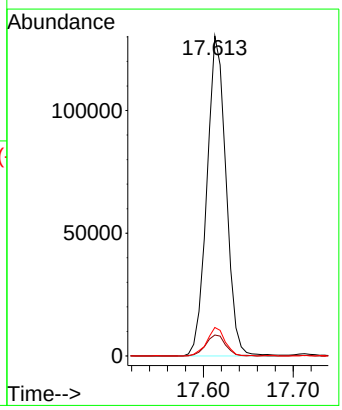


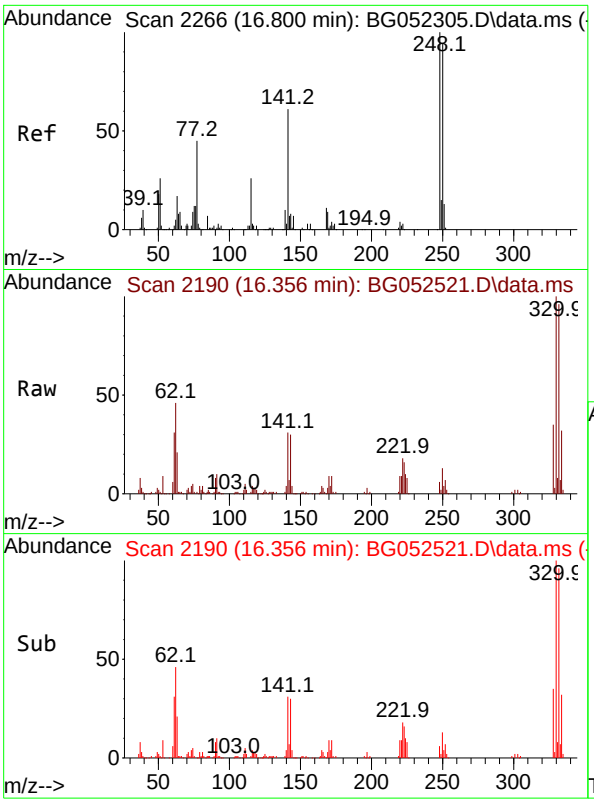


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.010 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Tgt Ion:188 Resp: 192716

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.9	8.9
80	8.9	6.6	10.0



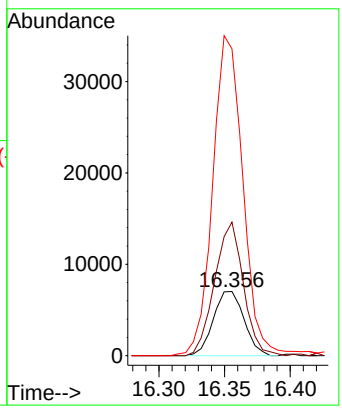


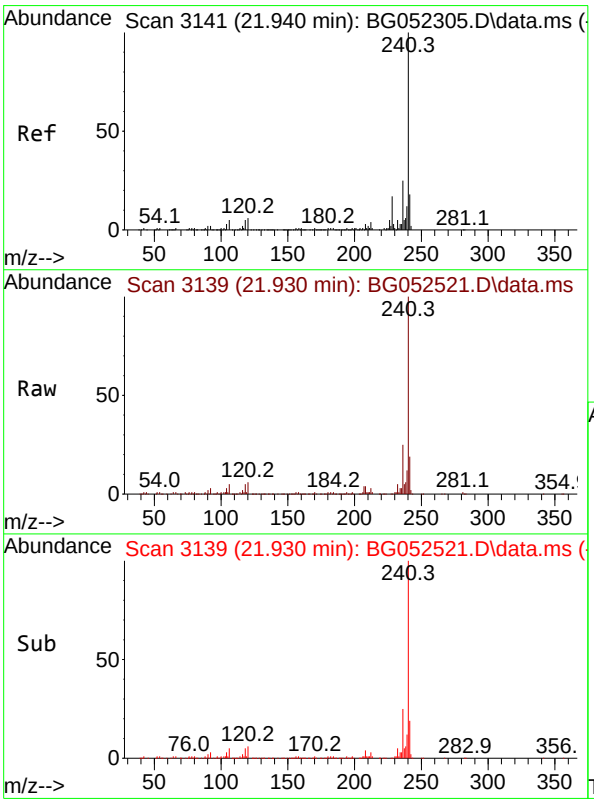
#67
4-Bromophenyl-phenylether
Concen: 4.879 ng
RT: 16.356 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Instrument :
BNA_G
ClientSampleId :
MW-35

Tgt Ion:248 Resp: 11434

Ion	Ratio	Lower	Upper
248	100		
250	208.3	79.6	119.4#
141	478.2	54.6	81.8#

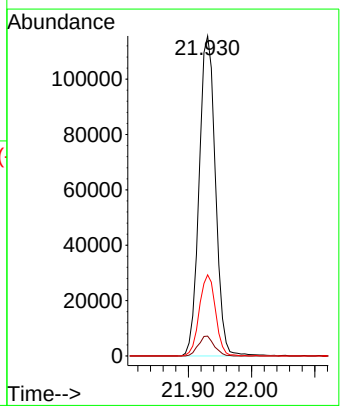


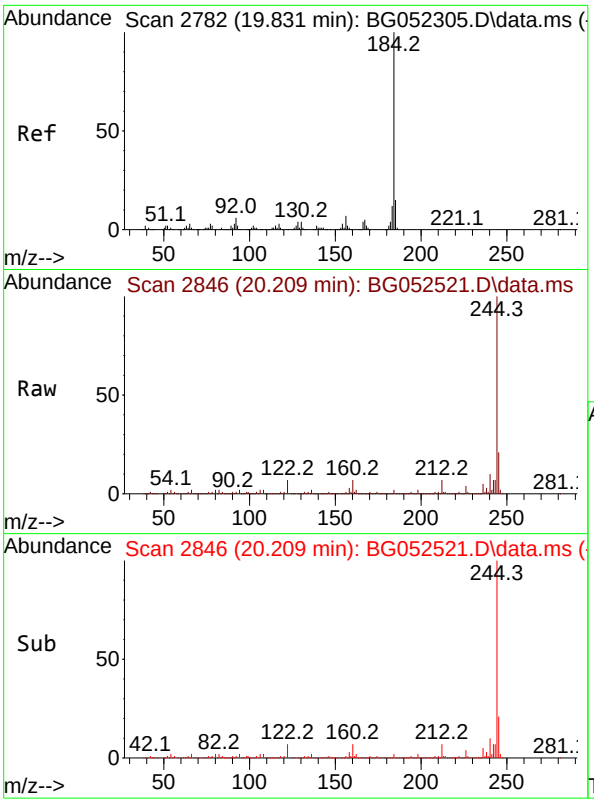


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3139
Delta R.T. -0.010 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Tgt Ion:240 Resp: 207517

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.4	6.6
236	25.4	20.8	31.2



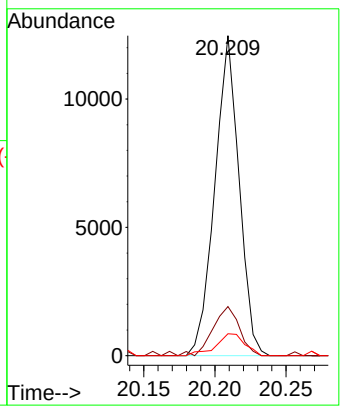


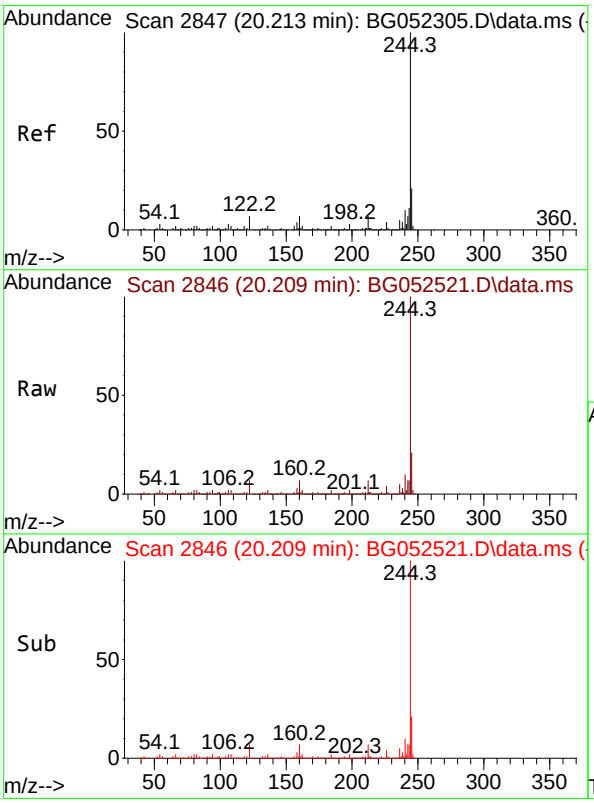
#77
Benzidine
Concen: 3.330 ng
RT: 20.209 min Scan# 2
Delta R.T. 0.378 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Instrument :
BNA_G
ClientSampleId :
MW-35

Tgt Ion:184 Resp: 14768

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.8
183	6.9	9.8	14.6#

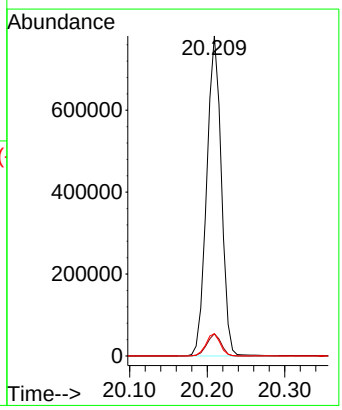


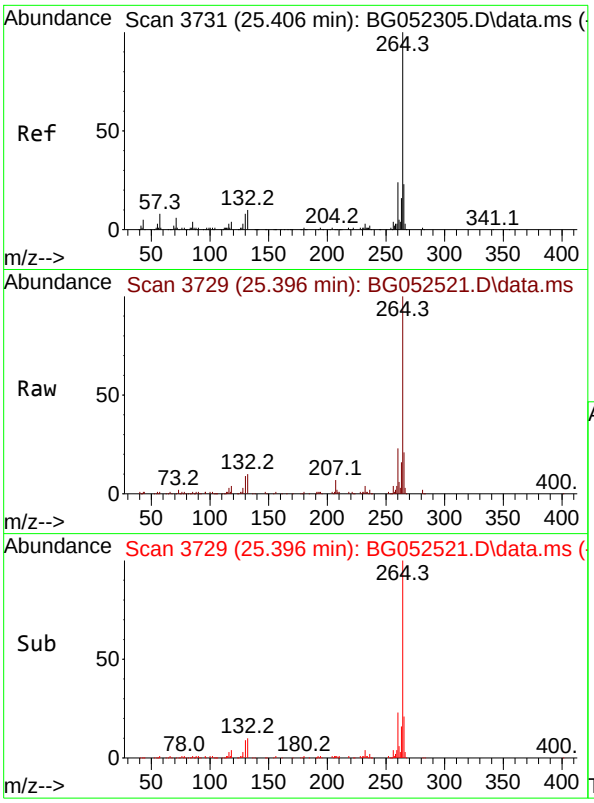


#79
Terphenyl-d14
Concen: 87.018 ng
RT: 20.209 min Scan# 2846
Delta R.T. -0.004 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Tgt Ion:244 Resp: 1022597

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	6.9	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.396 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG052521.D
Acq: 1 Mar 2022 16:22

Instrument :
BNA_G
ClientSampleId :
MW-35

Tgt Ion:264 Resp: 213429

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.4	17.8	26.6