Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
Data File : BG053701.D
Acq On : 25 May 2022 19:49
Operator : CG/JU
Sample : N2893-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P004-SS002-1218-01

Quant Time: May 26 02:52:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 15:11:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	20179	20.000	ng	0.00
21) Naphthalene-d8	10.800	136	80336	20.000	ng	0.00
39) Acenaphthene-d10	14.625	164	63878	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	169041	20.000	ng	0.00
76) Chrysene-d12	21.633	240	172877	20.000	ng	0.00
86) Perylene-d12	24.840	264	175550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	121593	102.265	ng	0.00
7) Phenol-d6	7.158	99	183226	101.539	ng	0.00
23) Nitrobenzene-d5	9.150	82	125238	66.361	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	108117	114.758	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	285332	65.273	ng	0.00
79) Terphenyl-d14	19.976	244	618776	66.663	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.150	70	17564	13.566	ng	# 75
51) 2,6-Dinitrotoluene	14.625	165	8233	8.325	ng	# 16
57) 2,4-Dinitrotoluene	14.625	165	8233	5.743	ng	# 21
67) 4-Bromophenyl-phenylether	16.117	248	6997	3.544	ng	# 1
77) Benzidine	19.976	184	9674	2.596	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
Data File : BG053701.D
Acq On : 25 May 2022 19:49
Operator : CG/JU
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Misc :
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Instrument :
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P004-SS002-1218-01

Quant Time: May 26 02:52:39 2022
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QLast Update : Wed May 25 15:11:41 2022
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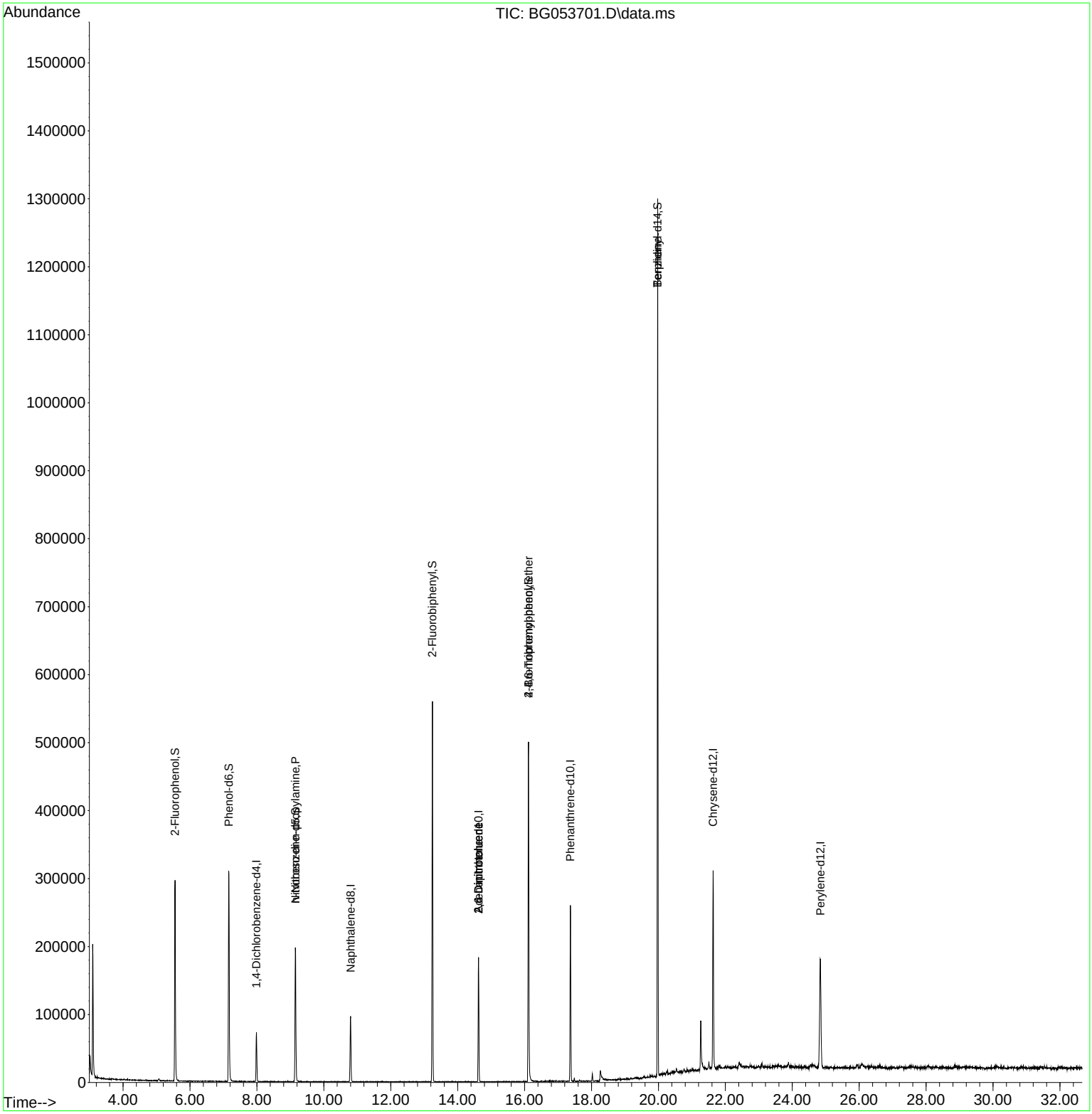
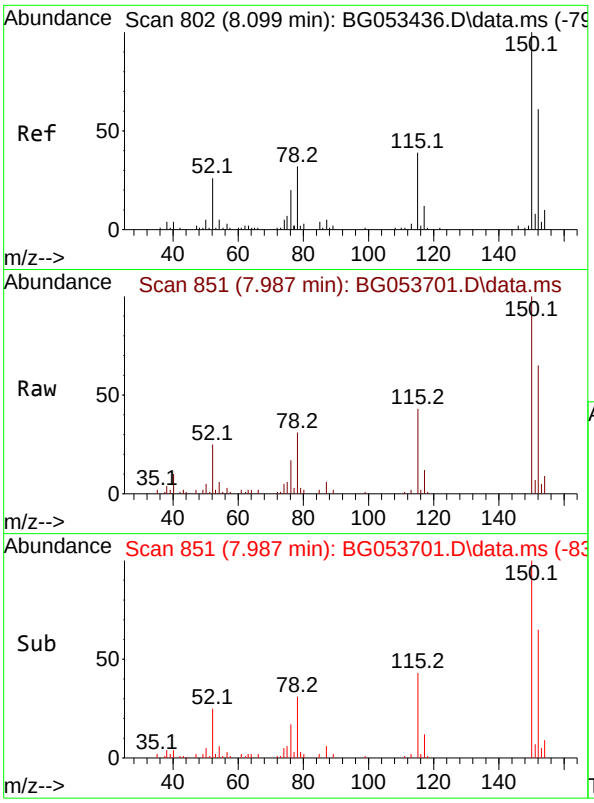


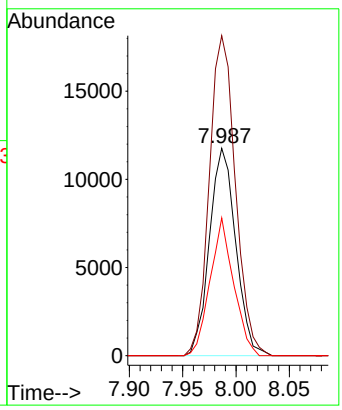


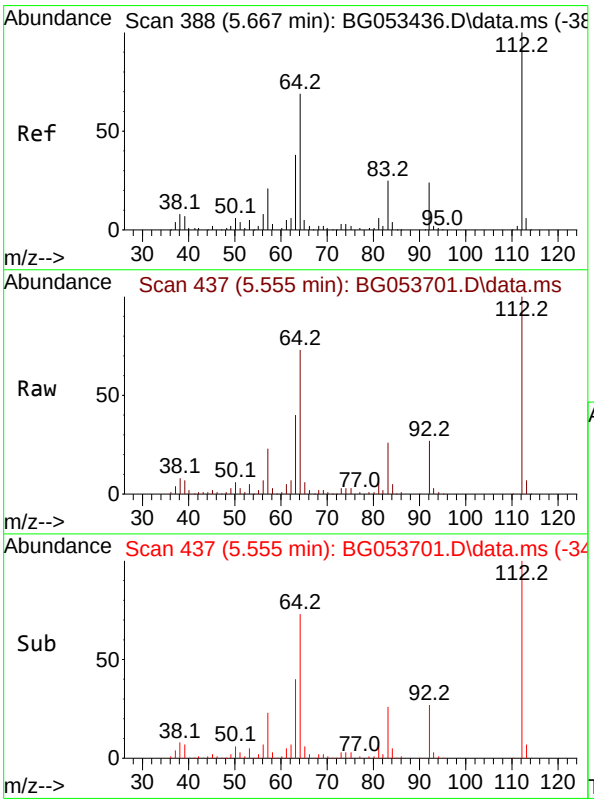
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Instrument :
BNA_G
ClientSampleId :
P004-SS002-1218-01

Tgt Ion:152 Resp: 20179

Ion	Ratio	Lower	Upper
152	100		
150	154.3	131.6	197.4
115	66.4	50.9	76.3

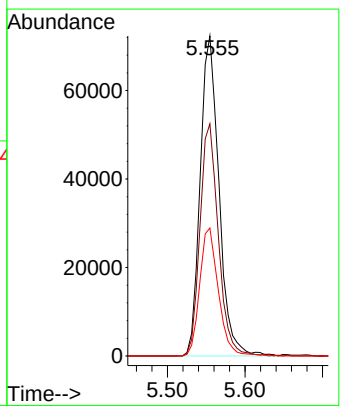


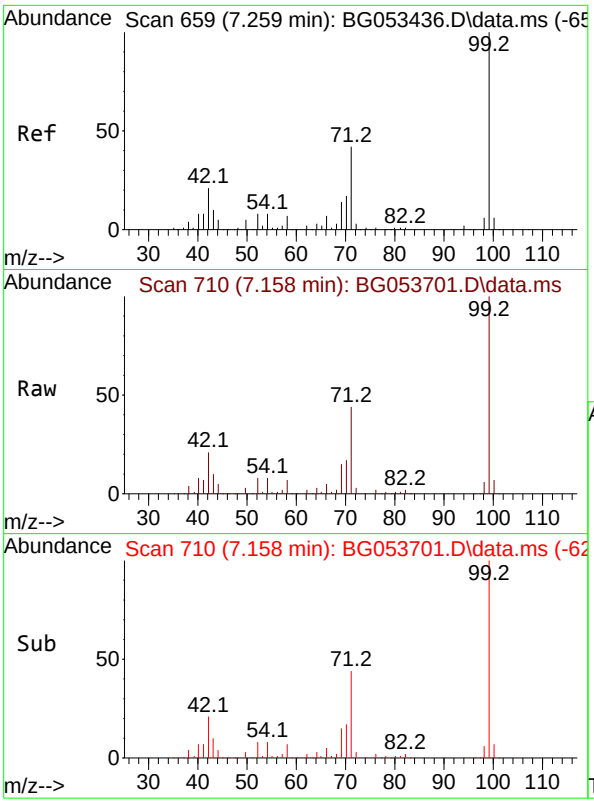


#5
2-Fluorophenol
Concen: 102.265 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.000 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Tgt Ion:112 Resp: 121593

Ion	Ratio	Lower	Upper
112	100		
64	72.6	55.1	82.7
63	40.0	30.4	45.6



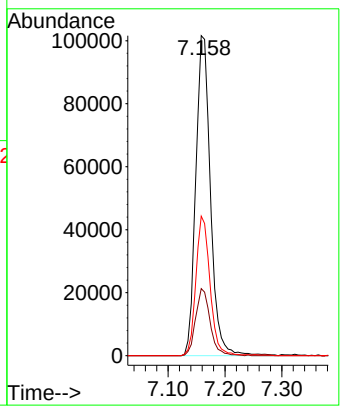


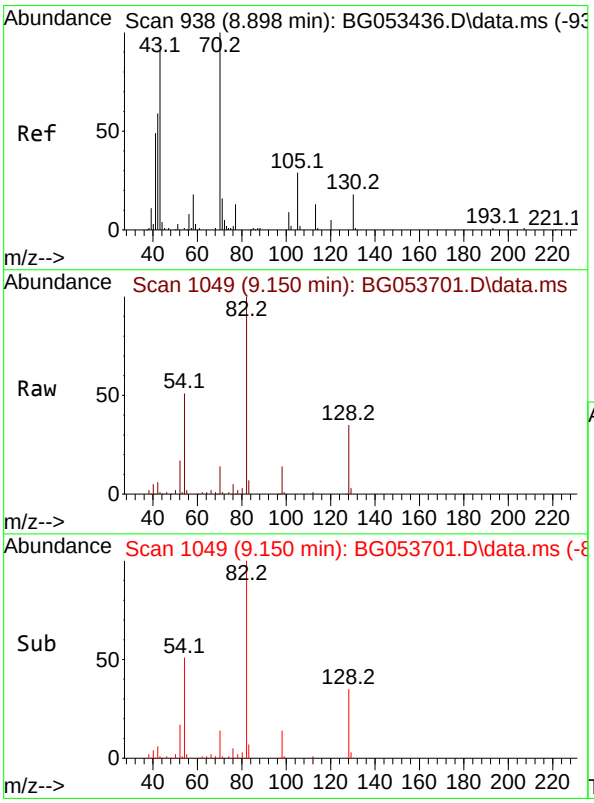
#7
Phenol-d6
Concen: 101.539 ng
RT: 7.158 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Instrument :
BNA_G
ClientSampleId :
P004-SS002-1218-01

Tgt Ion: 99 Resp: 183226

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	43.6	33.8	50.8

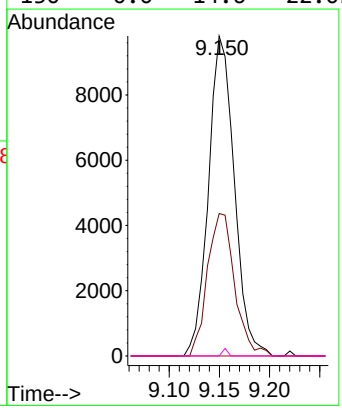


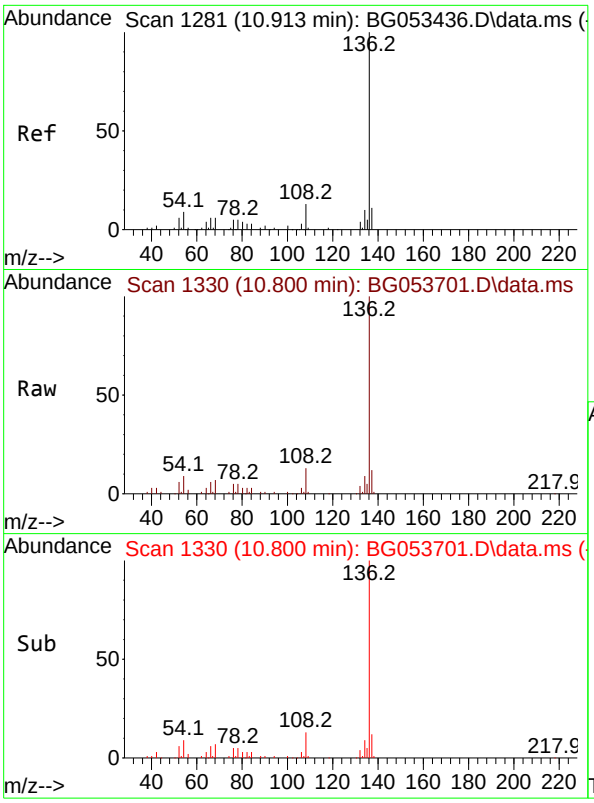


#19
n-Nitroso-di-n-propylamine
Concen: 13.566 ng
RT: 9.150 min Scan# 1049
Delta R.T. 0.353 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Tgt Ion: 70 Resp: 17564

Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.3	70.9#
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



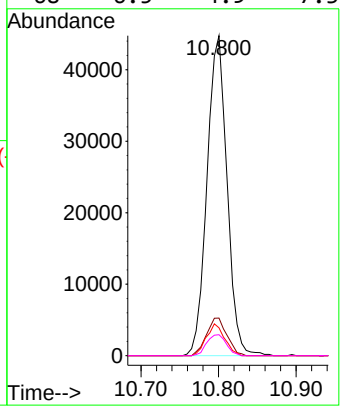


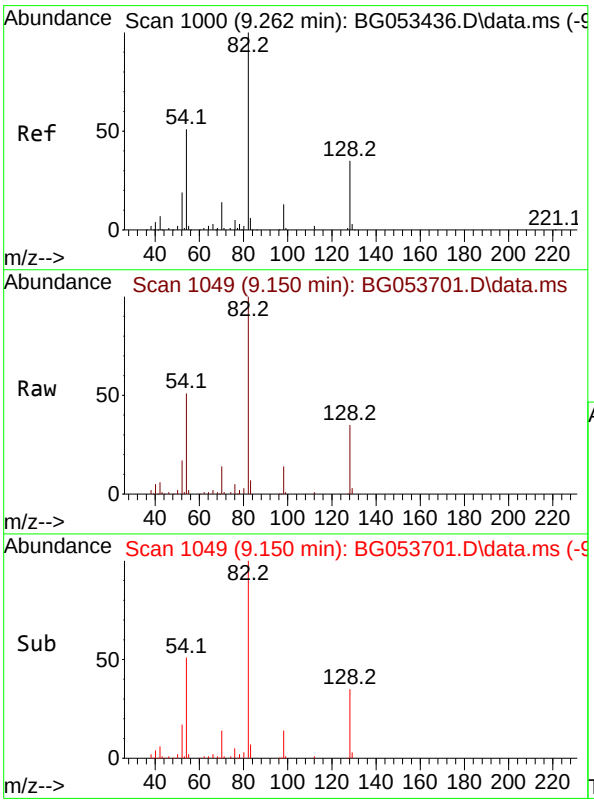
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Instrument :
BNA_G
ClientSampleId :
P004-SS002-1218-01

Tgt Ion:136 Resp: 80336

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	8.7	7.4	11.2
68	6.5	4.9	7.3

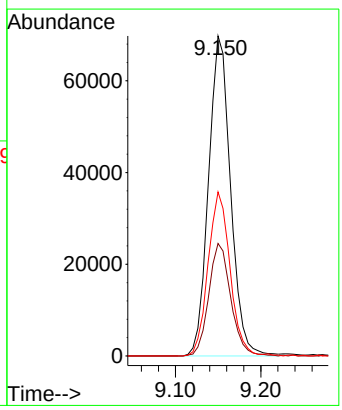


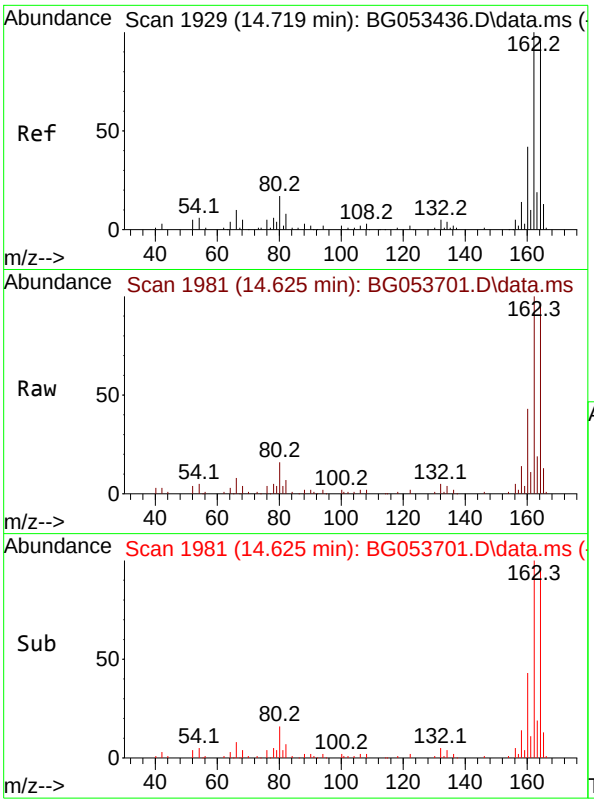


#23
Nitrobenzene-d5
Concen: 66.361 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.005 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Tgt Ion: 82 Resp: 125238

Ion	Ratio	Lower	Upper
82	100		
128	35.2	27.9	41.9
54	51.2	41.2	61.8



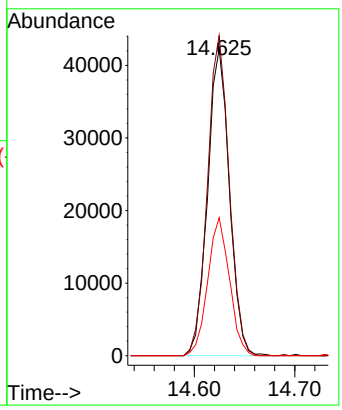


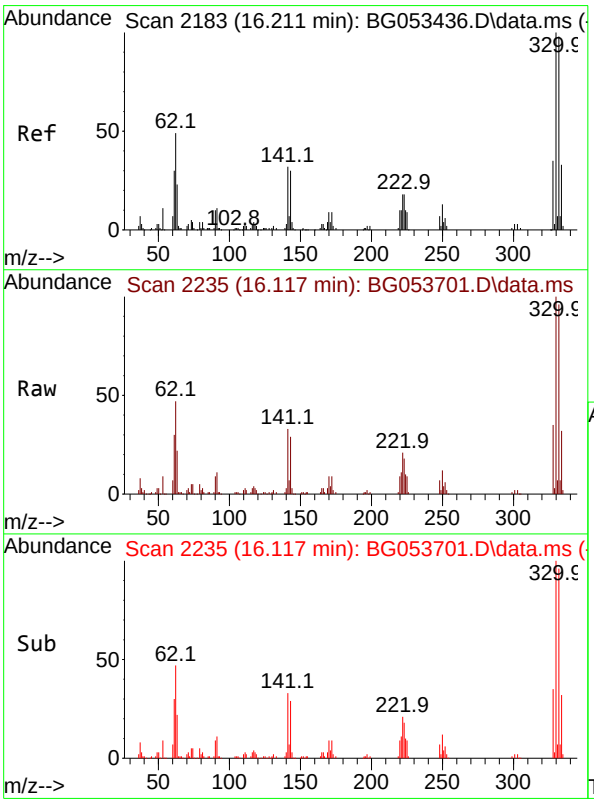
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Instrument :
BNA_G
ClientSampleId :
P004-SS002-1218-01

Tgt Ion:164 Resp: 63878

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.3	123.5
160	45.0	34.2	51.2

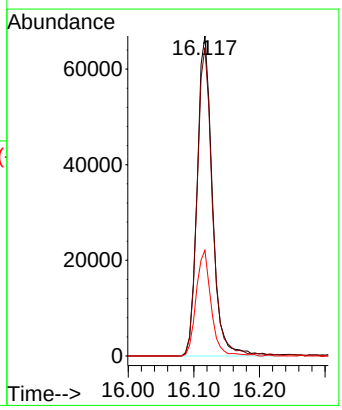


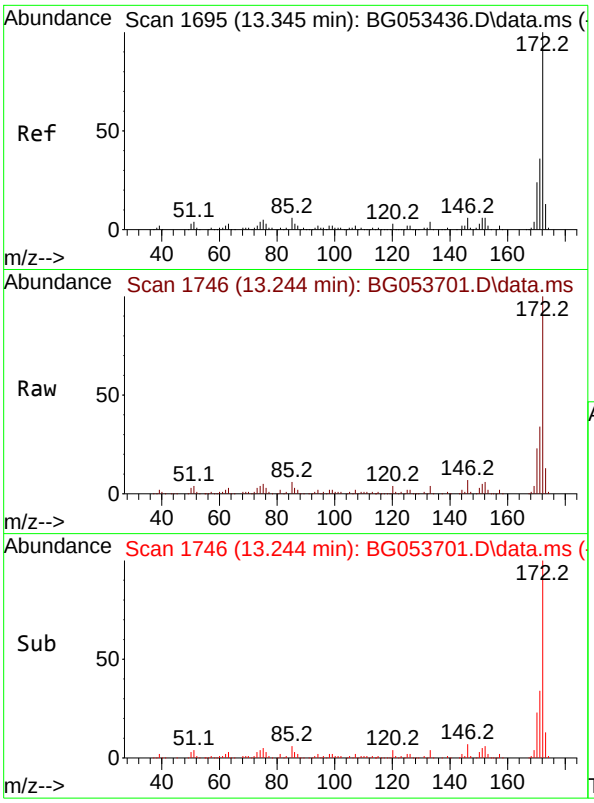


#42
2,4,6-Tribromophenol
Concen: 114.758 ng
RT: 16.117 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Tgt Ion:330 Resp: 108117

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.0	114.0
141	32.5	27.1	40.7



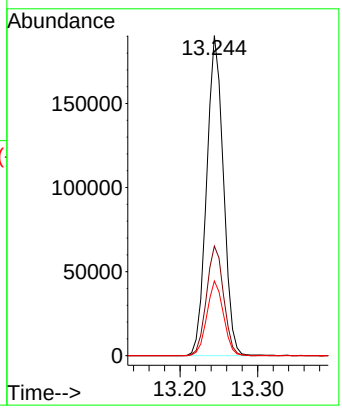


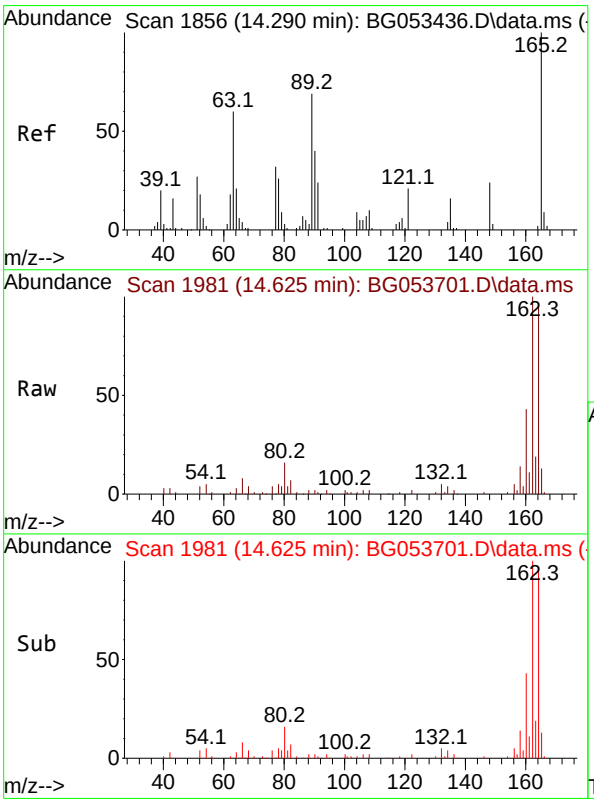
#45
2-Fluorobiphenyl
Concen: 65.273 ng
RT: 13.244 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Instrument :
BNA_G
ClientSampleId :
P004-SS002-1218-01

Tgt Ion:172 Resp: 285332

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.5	42.7
170	23.4	18.9	28.3

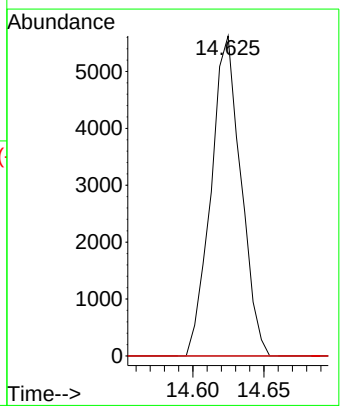


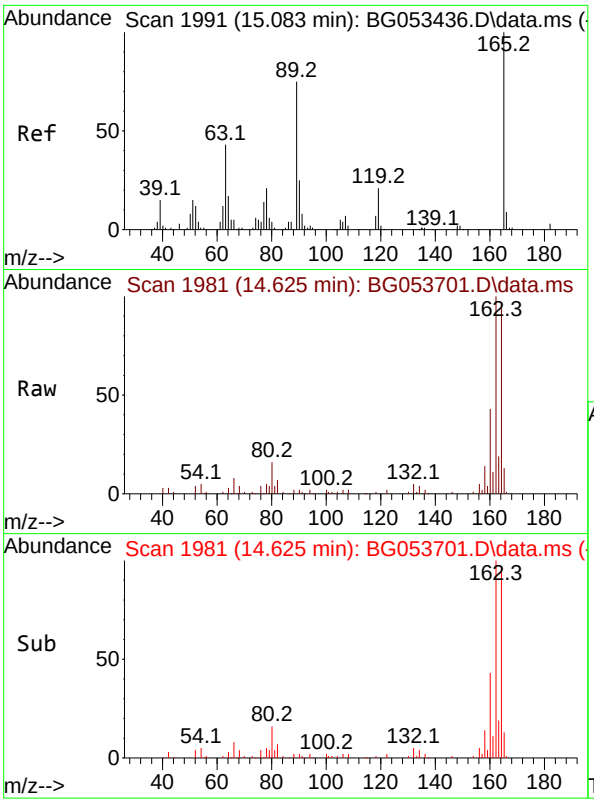


#51
2,6-Dinitrotoluene
Concen: 8.325 ng
RT: 14.625 min Scan# 1981
Delta R.T. 0.423 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Tgt Ion:165 Resp: 8233

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#



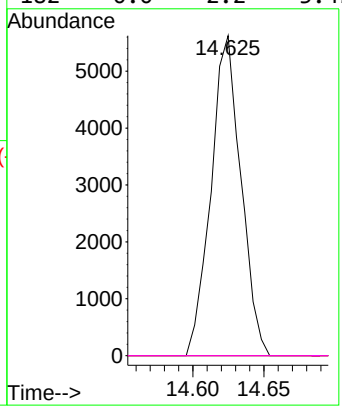


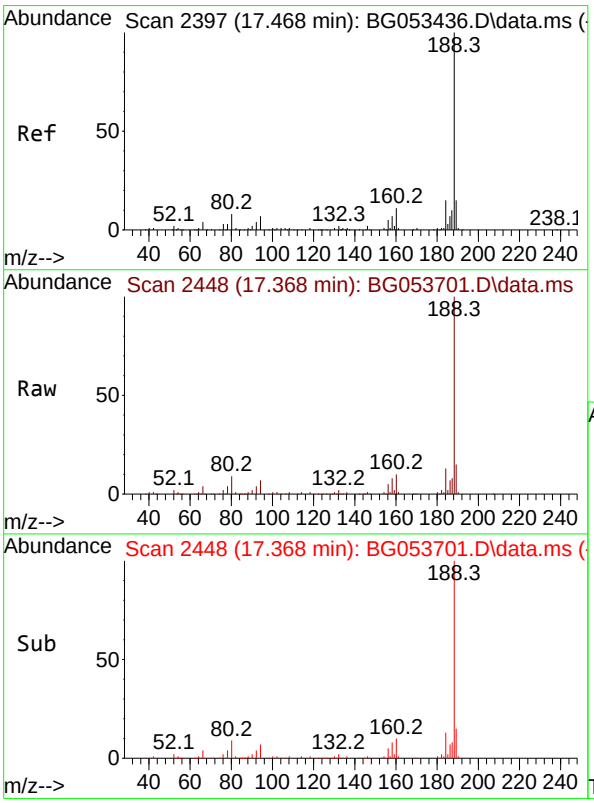
#57
2,4-Dinitrotoluene
Concen: 5.743 ng
RT: 14.625 min Scan# 1
Delta R.T. -0.370 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Instrument :
BNA_G
ClientSampleId :
P004-SS002-1218-01

Tgt Ion:165 Resp: 8233

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#

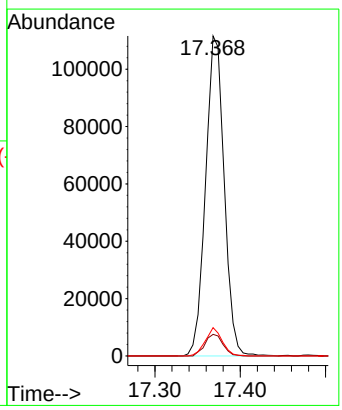


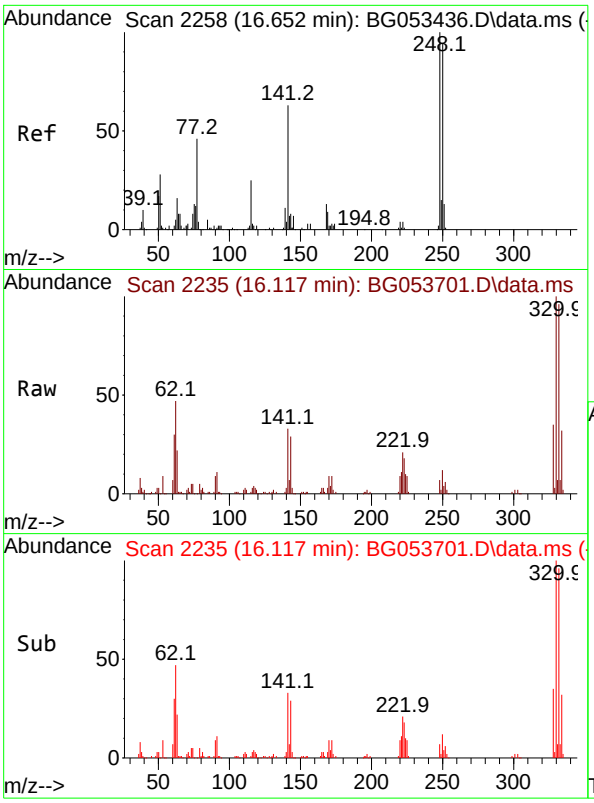


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Tgt Ion:188 Resp: 169041

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.4	8.0
80	8.9	6.8	10.2



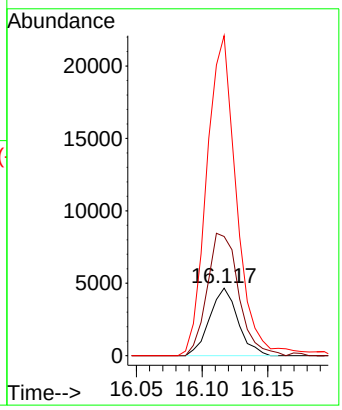


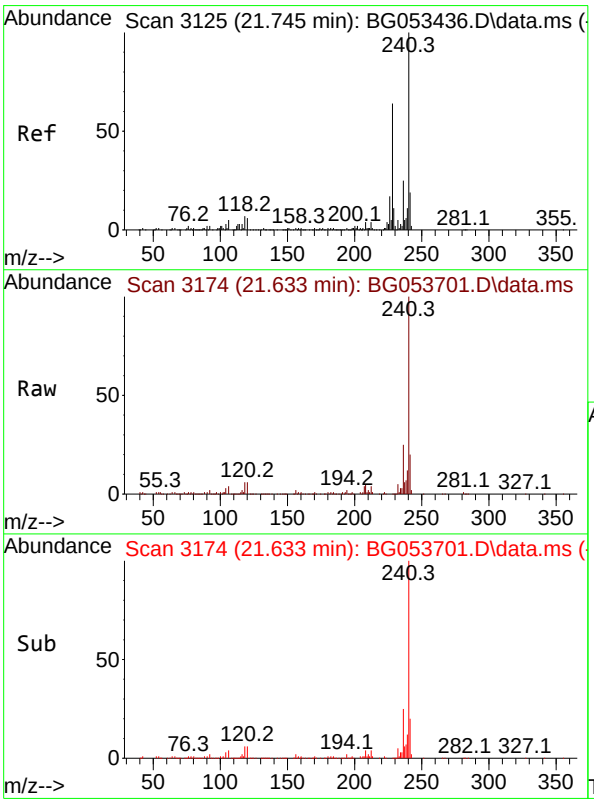
#67
4-Bromophenyl-phenylether
Concen: 3.544 ng
RT: 16.117 min Scan# 2
Delta R.T. -0.434 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Instrument :
BNA_G
ClientSampleId :
P004-SS002-1218-01

Tgt Ion:248 Resp: 6997

Ion	Ratio	Lower	Upper
248	100		
250	176.3	75.2	112.8#
141	473.4	50.0	75.0#

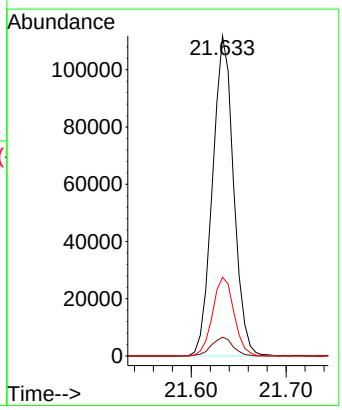


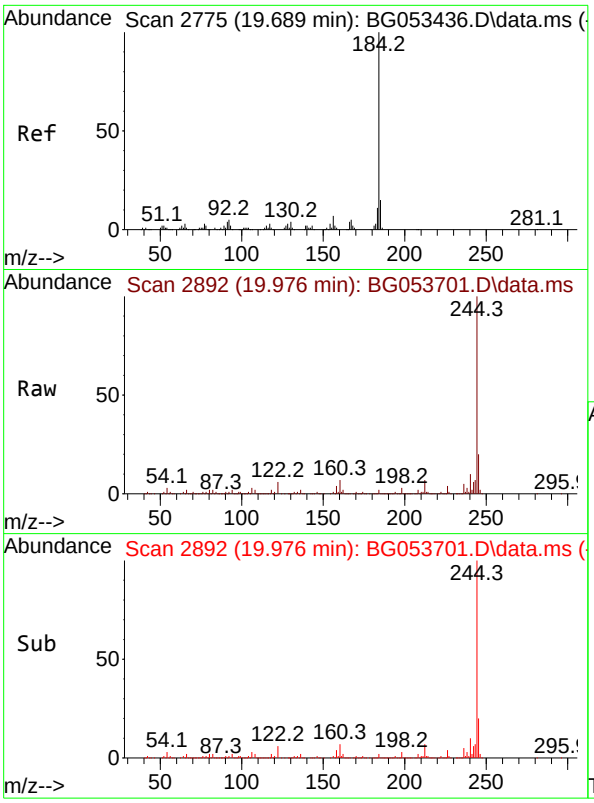


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Tgt Ion:240 Resp: 172877

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.6	7.0
236	24.6	20.2	30.4



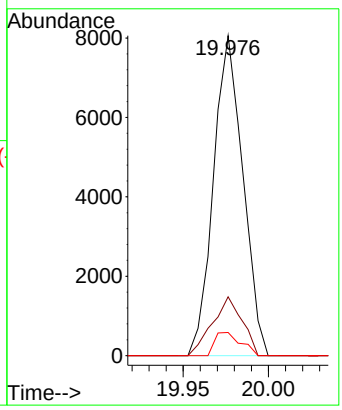


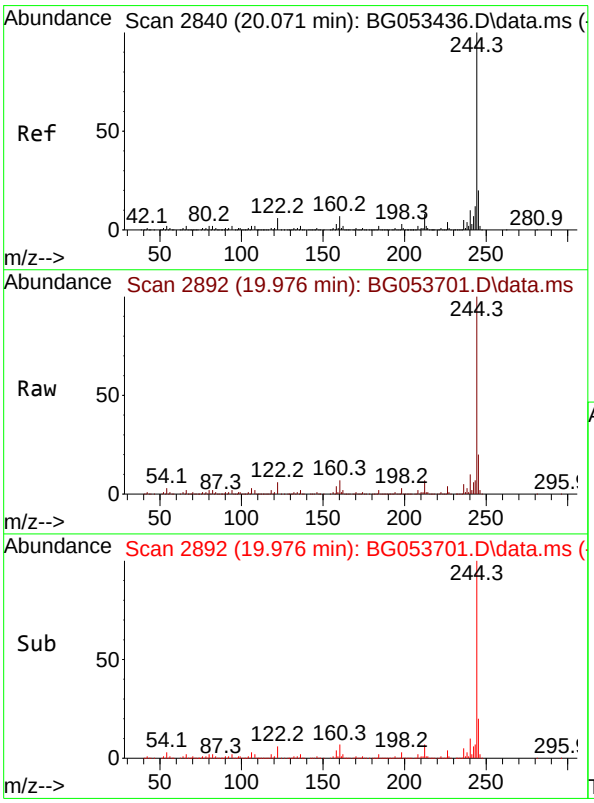
#77
Benzidine
Concen: 2.596 ng
RT: 19.976 min Scan# 2
Delta R.T. 0.376 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Instrument :
BNA_G
ClientSampleId :
P004-SS002-1218-01

Tgt Ion:184 Resp: 9674

Ion	Ratio	Lower	Upper
184	100		
185	18.4	11.8	17.6#
183	7.3	8.9	13.3#

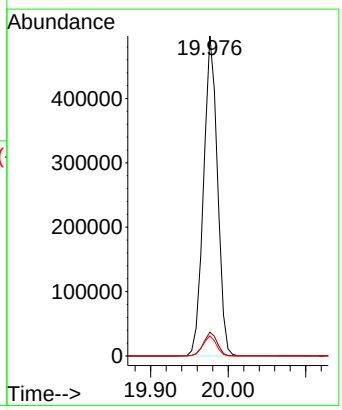


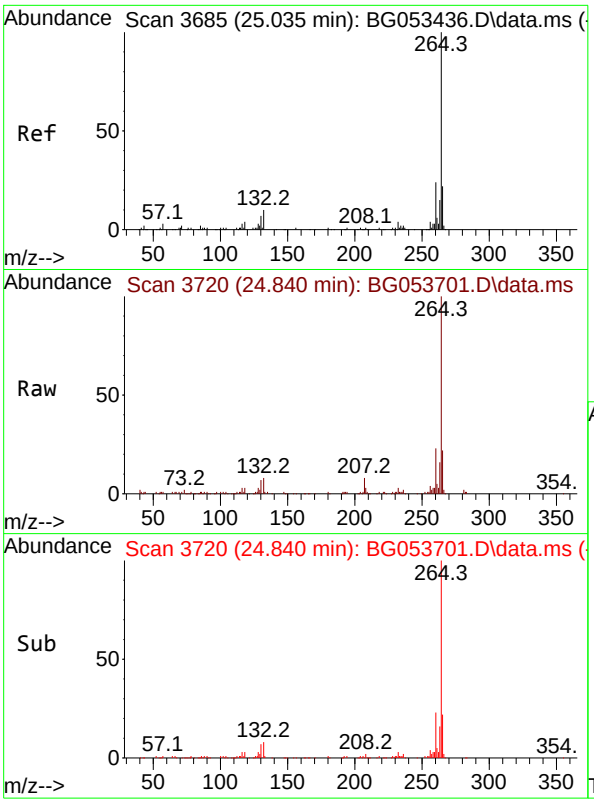


#79
Terphenyl-d14
Concen: 66.663 ng
RT: 19.976 min Scan# 2892
Delta R.T. 0.000 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Tgt Ion:244 Resp: 618776

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	6.3	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.840 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG053701.D
Acq: 25 May 2022 19:49

Instrument :
BNA_G
ClientSampleId :
P004-SS002-1218-01

Tgt Ion:264 Resp: 175550

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.6
265	21.6	17.4	26.2