Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Quant Time: Jul 01 04:05:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	18857	20.000	ng	0.00
21) Naphthalene-d8	10.872	136	76281	20.000	ng	# 0.00
39) Acenaphthene-d10	14.691	164	59984	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	157820	20.000	ng	# 0.00
76) Chrysene-d12	21.706	240	178755	20.000	ng	-0.01
86) Perylene-d12	24.961	264	183468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	108549	110.058	ng	0.00
7) Phenol-d6	7.229	99	144046	107.660	ng	0.00
23) Nitrobenzene-d5	9.221	82	98629	72.660	ng	-0.01
42) 2,4,6-Tribromophenol	16.178	330	115833	120.190	ng	0.00
45) 2-Fluorobiphenyl	13.316	172	286334	69.413	ng	0.00
79) Terphenyl-d14	20.044	244	646078	72.795	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.904	42	1432	2.830	ng	# 1
51) 2,6-Dinitrotoluene	14.691	165	7881	8.539	ng	# 16
57) 2,4-Dinitrotoluene	14.691	165	7881	6.046	ng	# 21
67) 4-Bromophenyl-phenylether	16.178	248	7268	3.687	ng	# 1
77) Benzidine	20.038	184	8326	2.249	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
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Misc :
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Instrument :
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PH1-BOT-16

Quant Time: Jul 01 04:05:15 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
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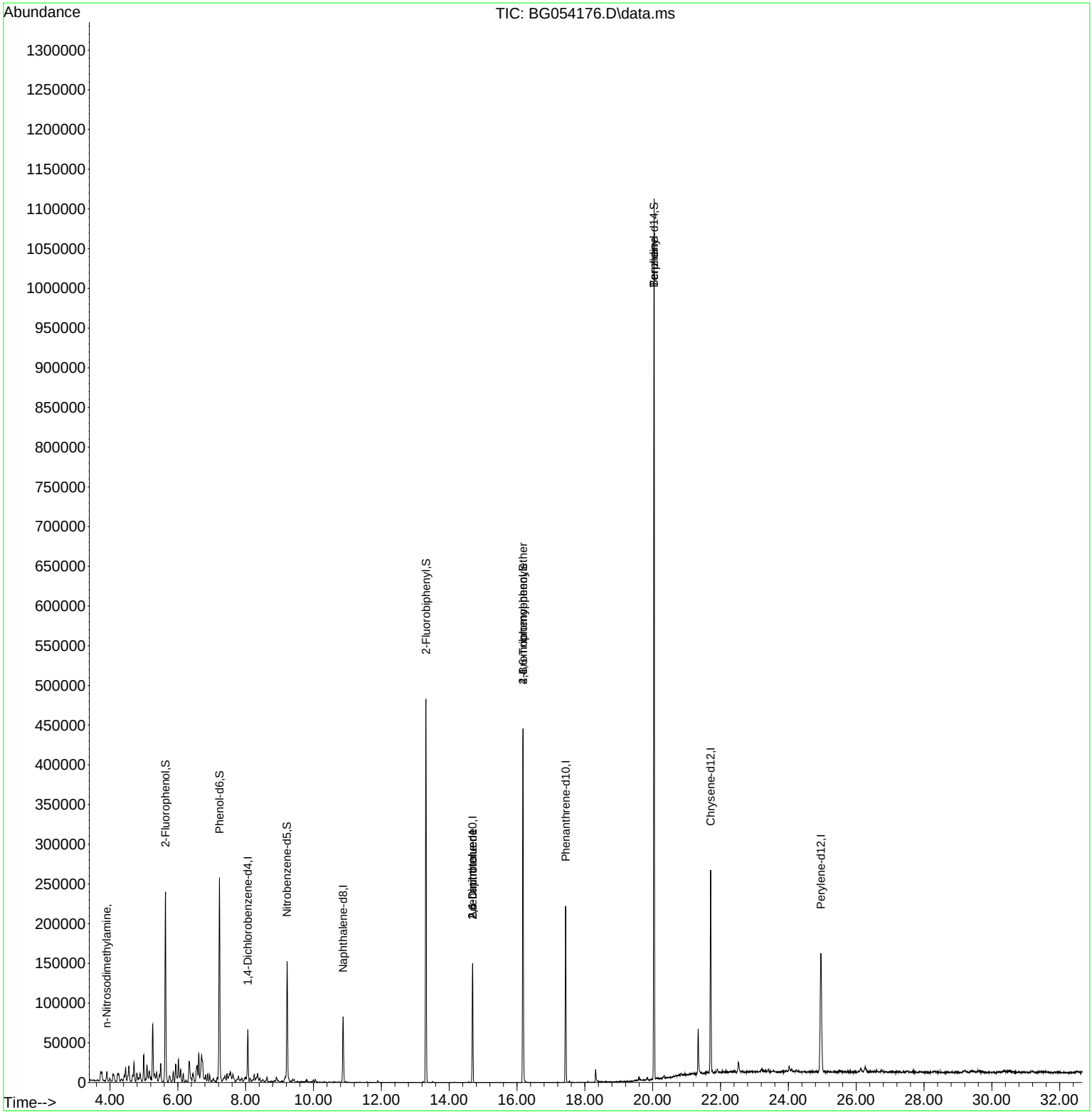
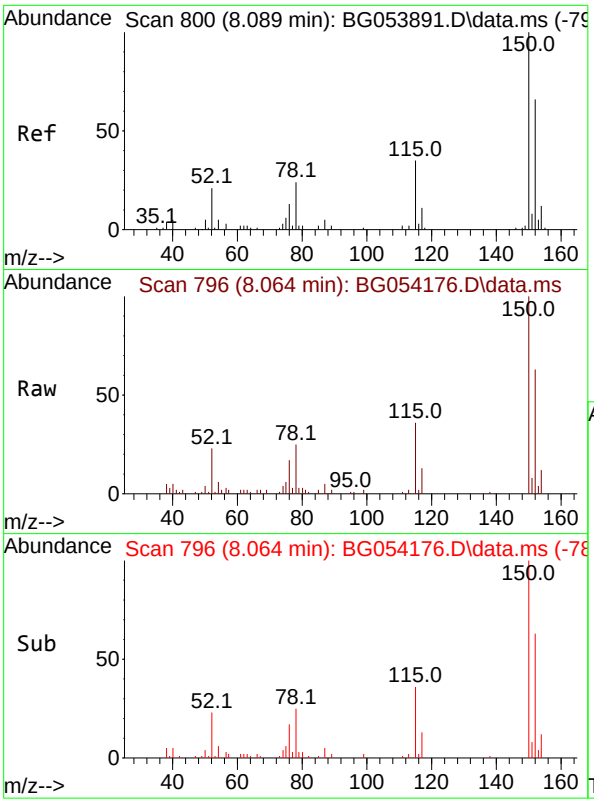


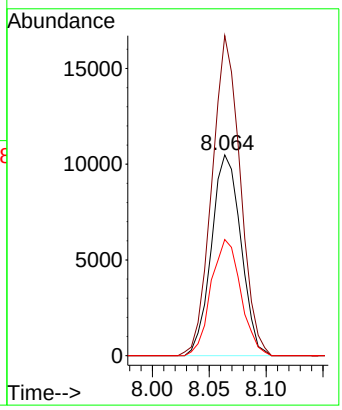


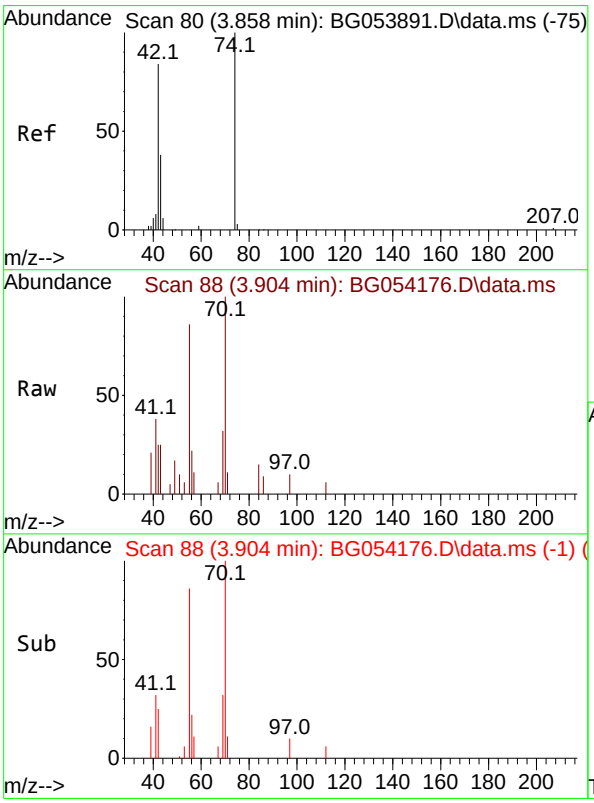
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Tgt Ion:152 Resp: 18857

Ion	Ratio	Lower	Upper
152	100		
150	159.3	131.6	197.4
115	57.9	50.9	76.3

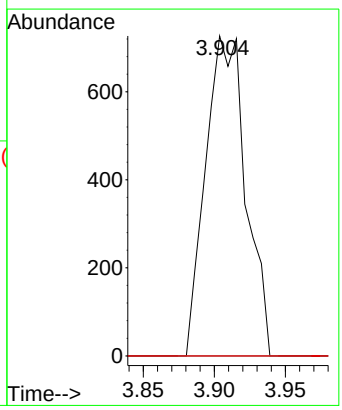


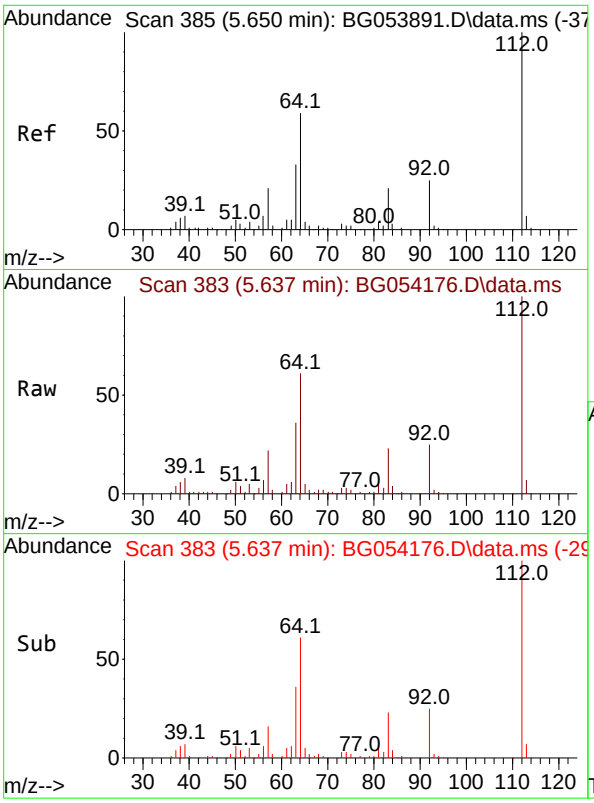


#4
n-Nitrosodimethylamine
Concen: 2.830 ng
RT: 3.904 min Scan# 88
Delta R.T. 0.064 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Tgt Ion: 42 Resp: 1432

Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.0	145.4#
44	0.0	7.0	10.4#



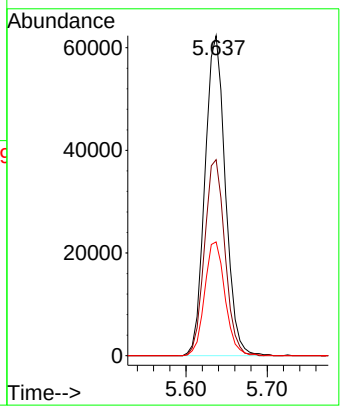


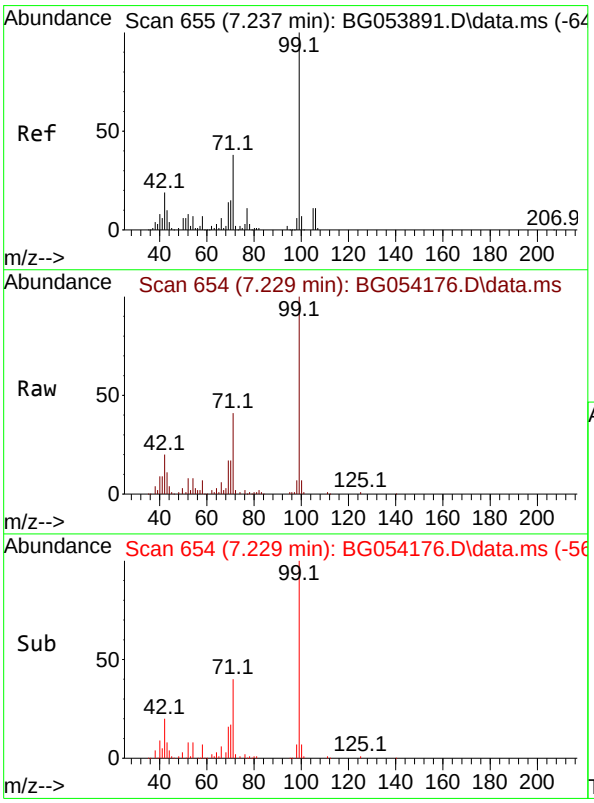
#5
2-Fluorophenol
Concen: 110.058 ng
RT: 5.637 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Tgt Ion:112 Resp: 108549

Ion	Ratio	Lower	Upper
112	100		
64	61.3	55.1	82.7
63	35.6	30.4	45.6

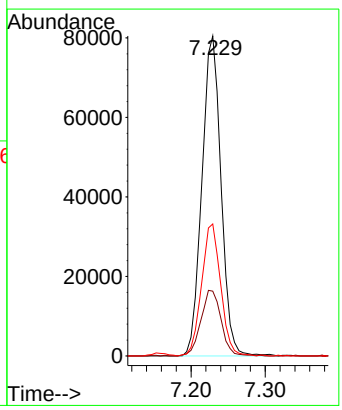


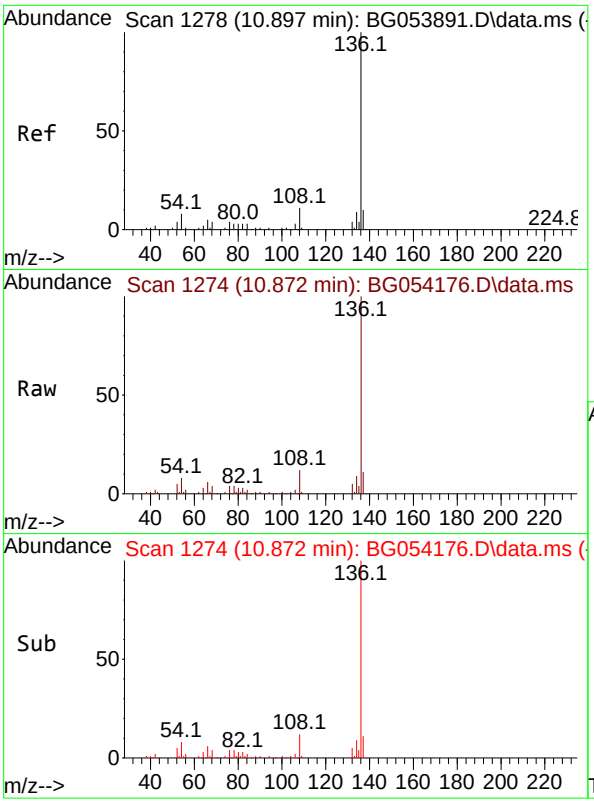


#7
Phenol-d6
Concen: 107.660 ng
RT: 7.229 min Scan# 654
Delta R.T. -0.001 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Tgt Ion: 99 Resp: 144046

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.0	25.6
71	41.3	33.8	50.8



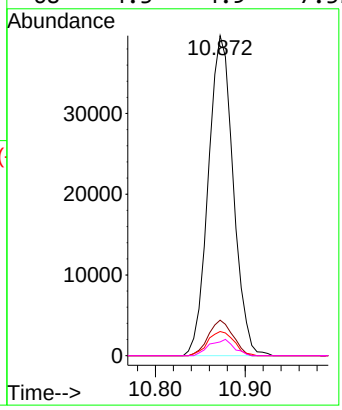


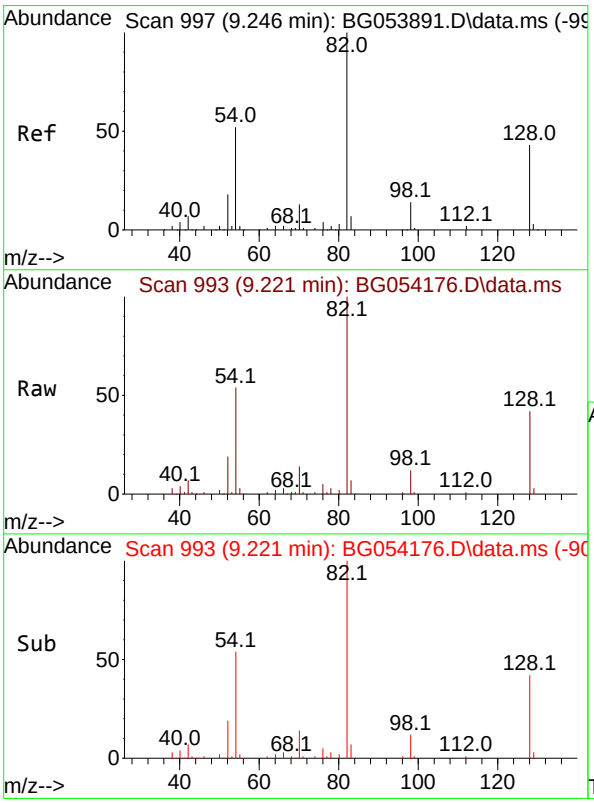
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.872 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Tgt Ion:136 Resp: 76281

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.5	7.4	11.2
68	4.3	4.9	7.3#

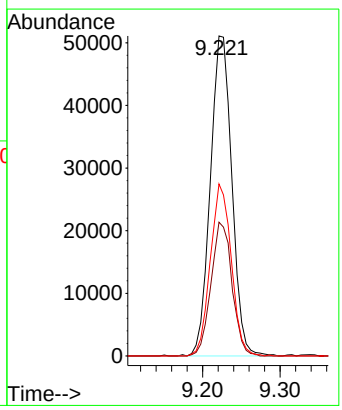


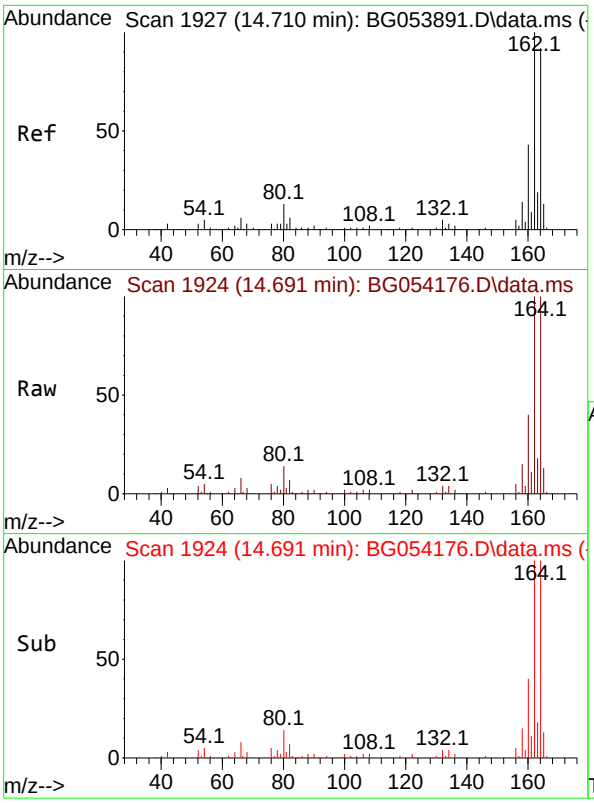


#23
Nitrobenzene-d5
Concen: 72.660 ng
RT: 9.221 min Scan# 993
Delta R.T. -0.013 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Tgt Ion: 82 Resp: 98629

Ion	Ratio	Lower	Upper
82	100		
128	41.8	27.9	41.9
54	53.7	41.2	61.8



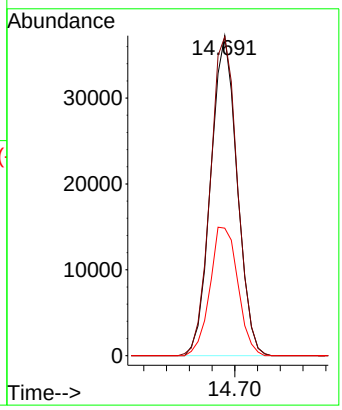


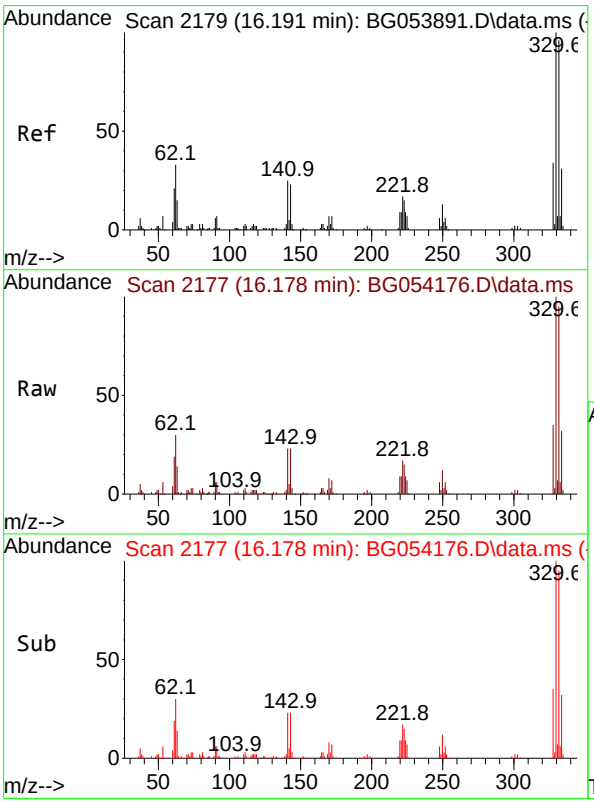
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.691 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Tgt Ion:164 Resp: 59984

Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.3	123.5
160	39.8	34.2	51.2

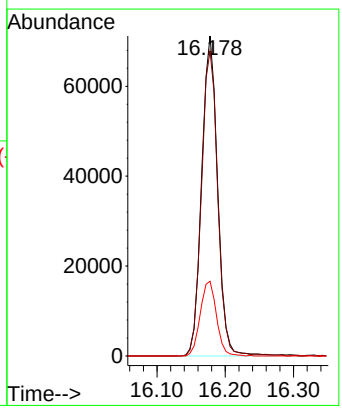


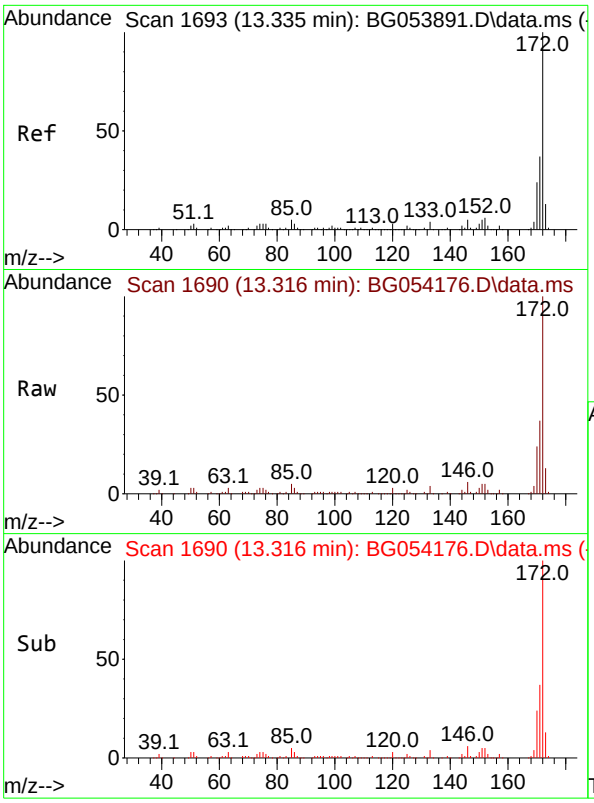


#42
2,4,6-Tribromophenol
Concen: 120.190 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.007 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Tgt Ion:330 Resp: 115833

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	23.7	27.1	40.7#



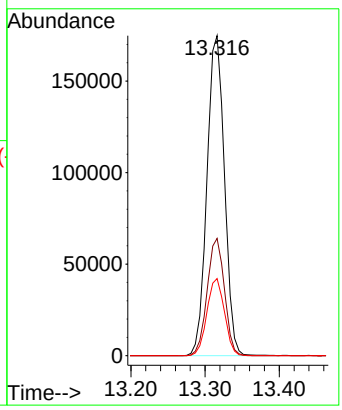


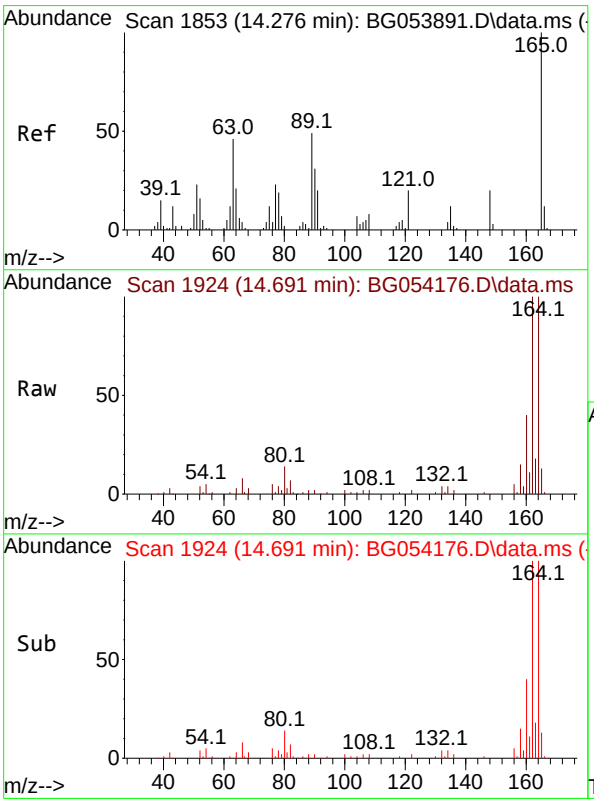
#45
2-Fluorobiphenyl
Concen: 69.413 ng
RT: 13.316 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Tgt Ion:172 Resp: 286334

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.5	42.7
170	24.1	18.9	28.3

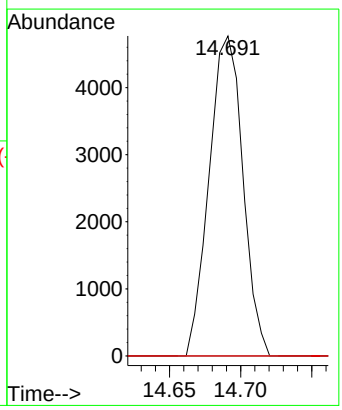


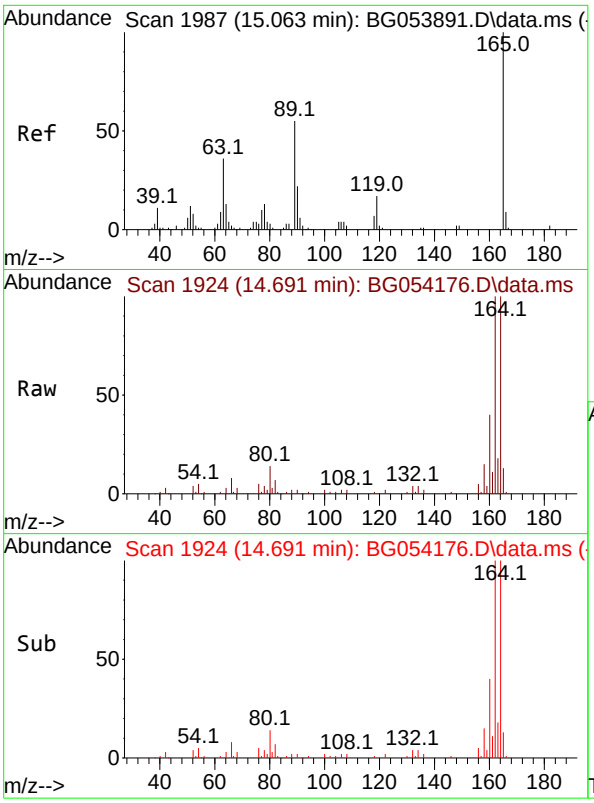


#51
2,6-Dinitrotoluene
Concen: 8.539 ng
RT: 14.691 min Scan# 1924
Delta R.T. 0.428 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Tgt Ion:165 Resp: 7881

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



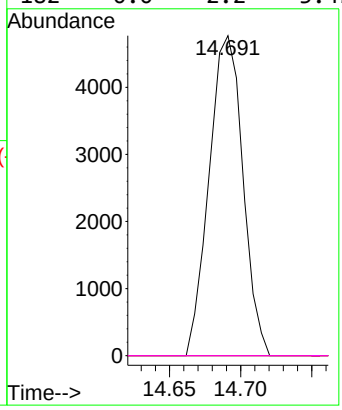


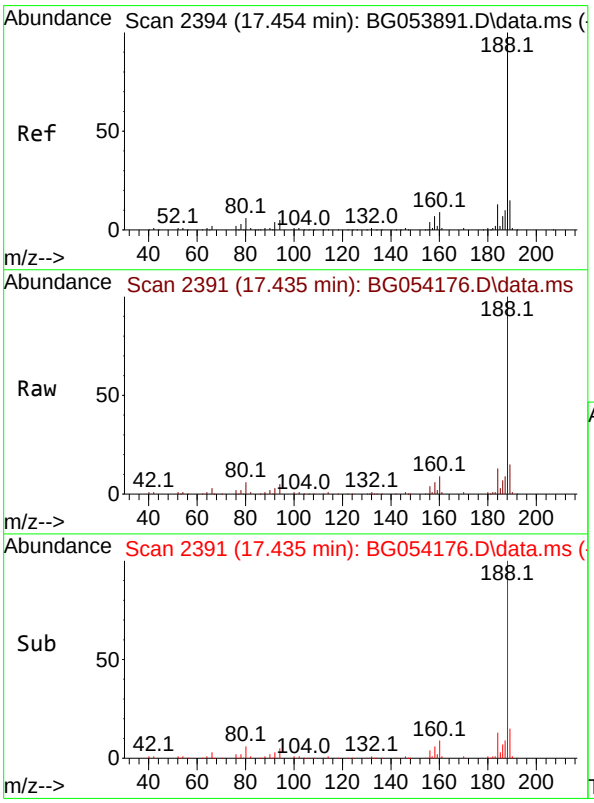
#57
2,4-Dinitrotoluene
Concen: 6.046 ng
RT: 14.691 min Scan# 1
Delta R.T. -0.359 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Tgt Ion:165 Resp: 7881

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#

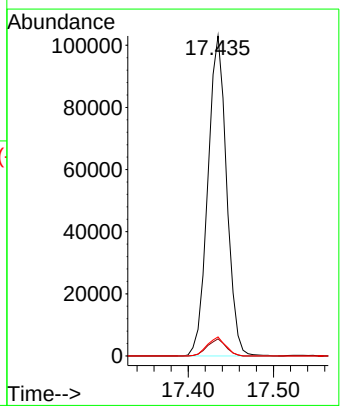


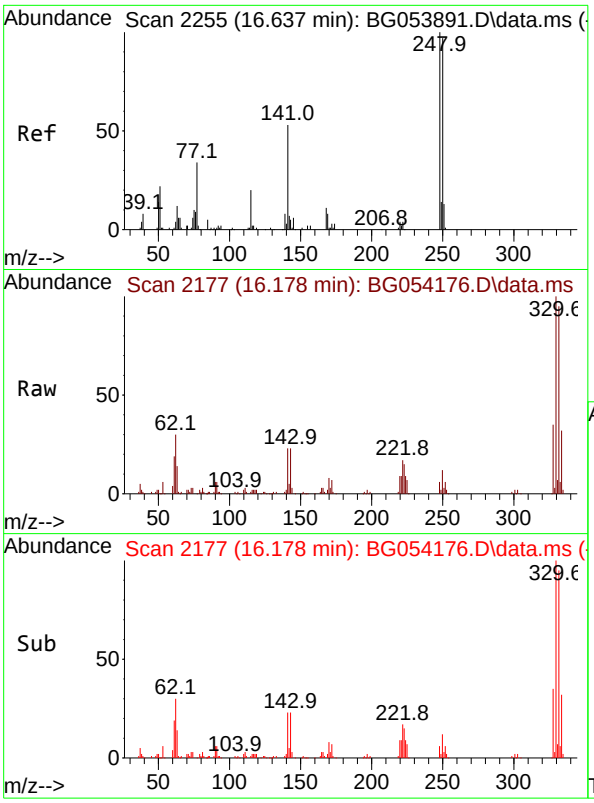


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.435 min Scan# 2391
Delta R.T. -0.007 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Tgt Ion:188 Resp: 157820

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.4	8.0
80	6.0	6.8	10.2#



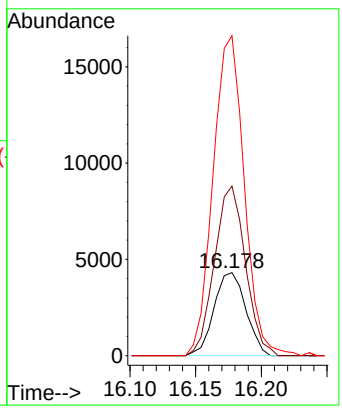


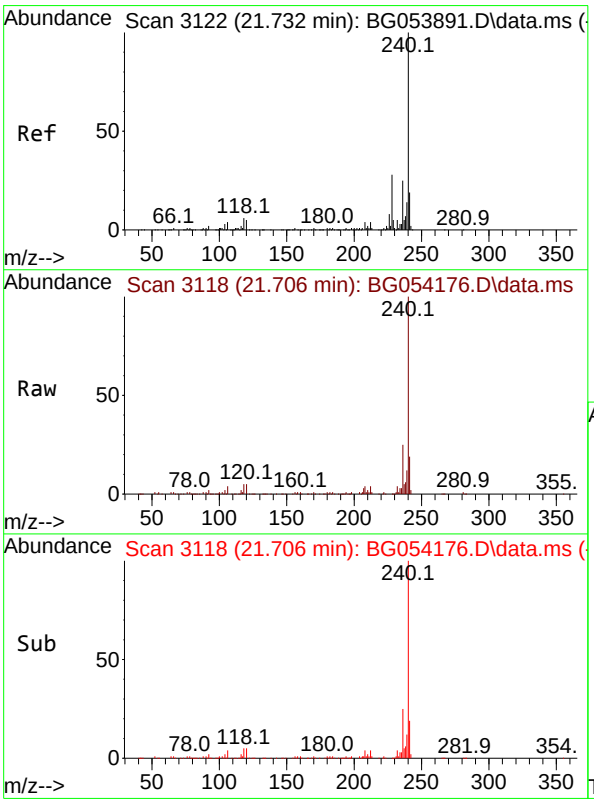
#67
4-Bromophenyl-phenylether
Concen: 3.687 ng
RT: 16.178 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Tgt Ion:248 Resp: 7268

Ion	Ratio	Lower	Upper
248	100		
250	155.2	75.2	112.8#
141	292.8	50.0	75.0#

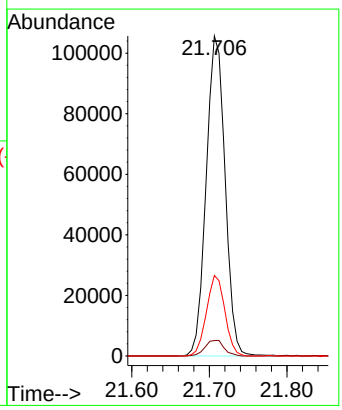


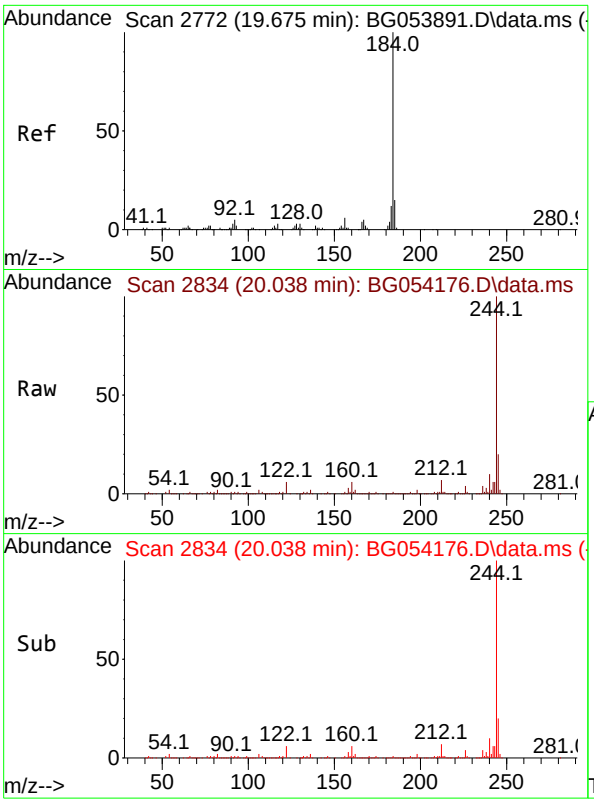


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.706 min Scan# 3118
Delta R.T. -0.013 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Tgt Ion:240 Resp: 178755

Ion	Ratio	Lower	Upper
240	100		
120	4.8	4.6	7.0
236	25.2	20.2	30.4



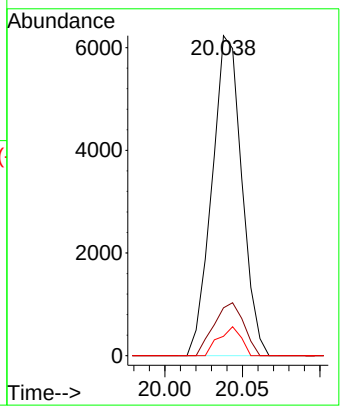


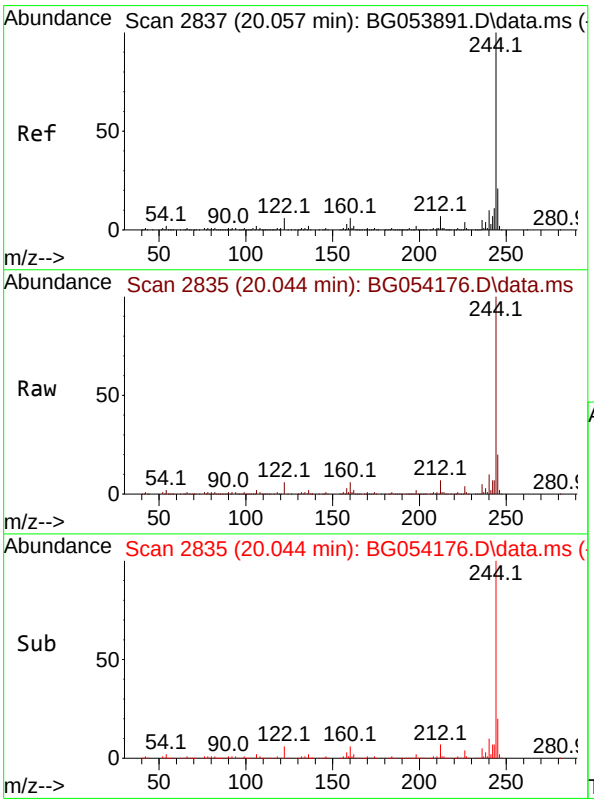
#77
Benzidine
Concen: 2.249 ng
RT: 20.038 min Scan# 2
Delta R.T. 0.375 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Tgt Ion:184 Resp: 8326

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.6
183	6.0	8.9	13.3#

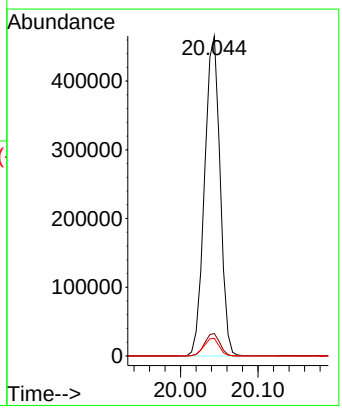


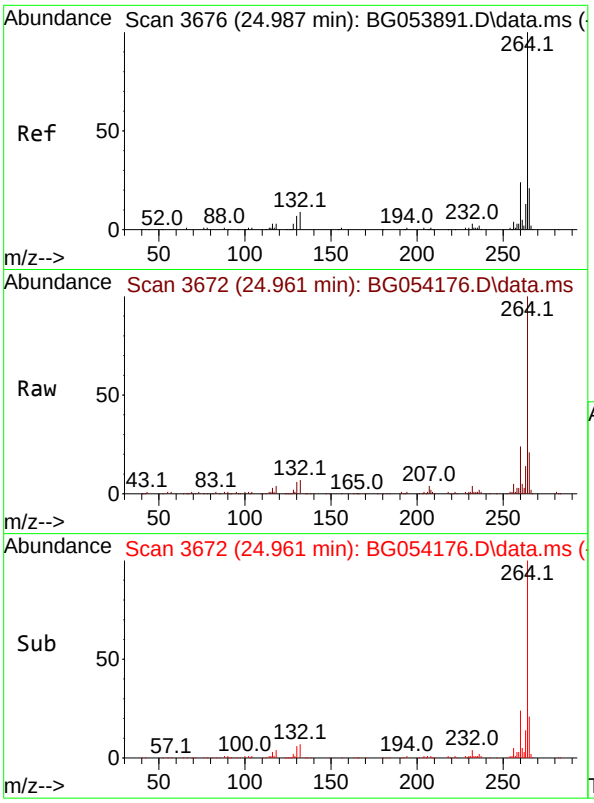


#79
Terphenyl-d14
Concen: 72.795 ng
RT: 20.044 min Scan# 2835
Delta R.T. -0.001 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Tgt Ion:244 Resp: 646078

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	5.5	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.961 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054176.D
Acq: 30 Jun 2022 19:25

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Tgt Ion:264 Resp: 183468

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	20.9	17.4	26.2