Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
Data File : BG053471.D
Acq On : 6 May 2022 11:35
Operator : CG/JU
Sample : N2672-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
01

Quant Time: May 06 22:52:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	19791	20.000	ng	0.00
21) Naphthalene-d8	10.901	136	83367	20.000	ng	-0.01
39) Acenaphthene-d10	14.713	164	64999	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	179513	20.000	ng	-0.01
76) Chrysene-d12	21.733	240	202050	20.000	ng	#-0.01
86) Perylene-d12	25.017	264	202246	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	147611	126.581	ng	-0.01
7) Phenol-d6	7.253	99	222509	125.725	ng	0.00
23) Nitrobenzene-d5	9.250	82	154288	78.782	ng	-0.01
42) 2,4,6-Tribromophenol	16.199	330	124576	129.948	ng	-0.01
45) 2-Fluorobiphenyl	13.339	172	349533	78.581	ng	0.00
79) Terphenyl-d14	20.059	244	782806	72.158	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.250	70	20905	16.463	ng	# 81
51) 2,6-Dinitrotoluene	14.713	165	8509	8.456	ng	# 18
57) 2,4-Dinitrotoluene	14.713	165	8509	5.834	ng	# 23
67) 4-Bromophenyl-phenylether	16.205	248	8179	3.901	ng	# 1
77) Benzidine	20.059	184	13477	3.095	ng	# 87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
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Acq On : 6 May 2022 11:35
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Sample : N2672-01
Misc :
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Instrument :
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Quant Time: May 06 22:52:09 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
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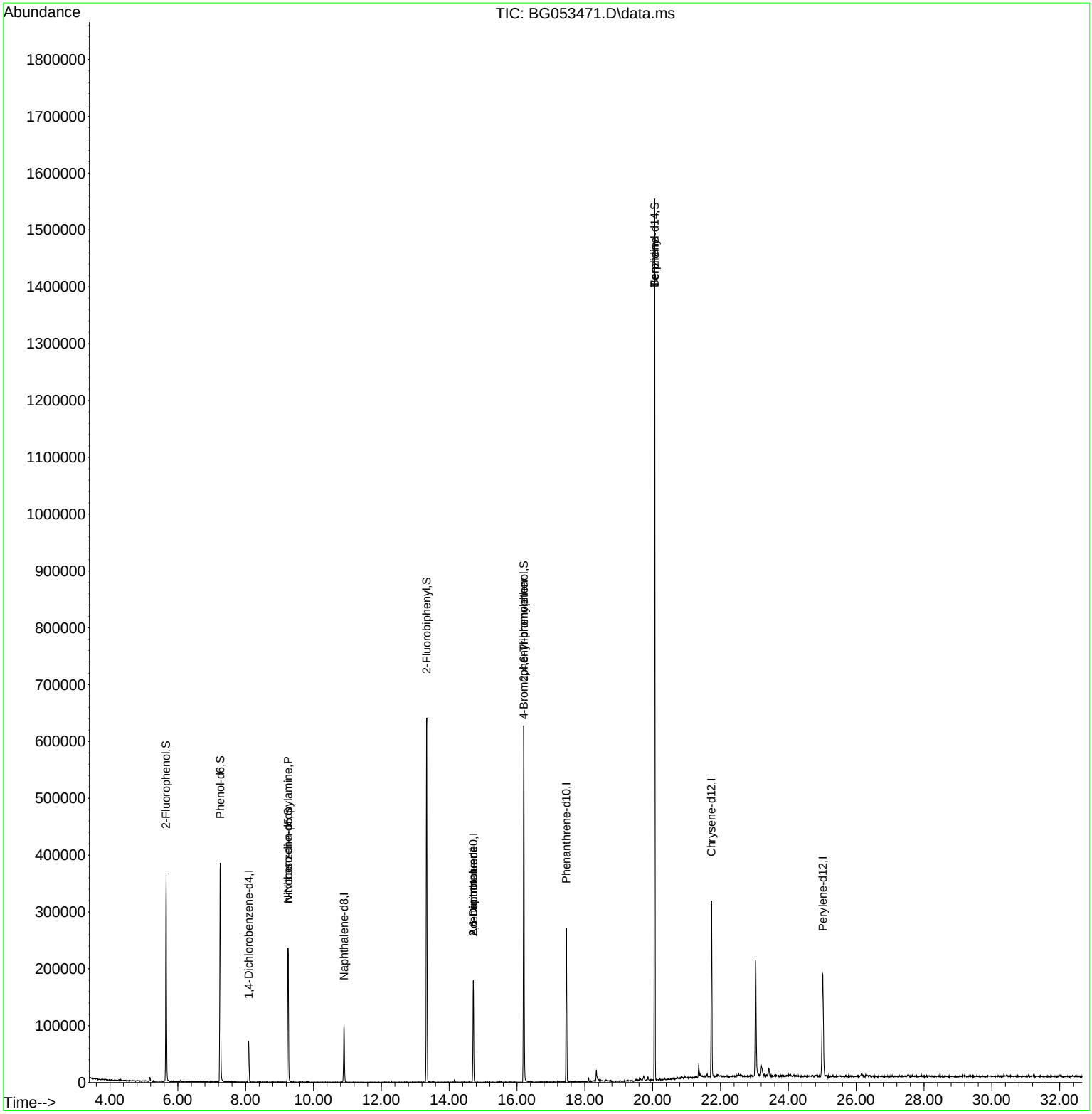
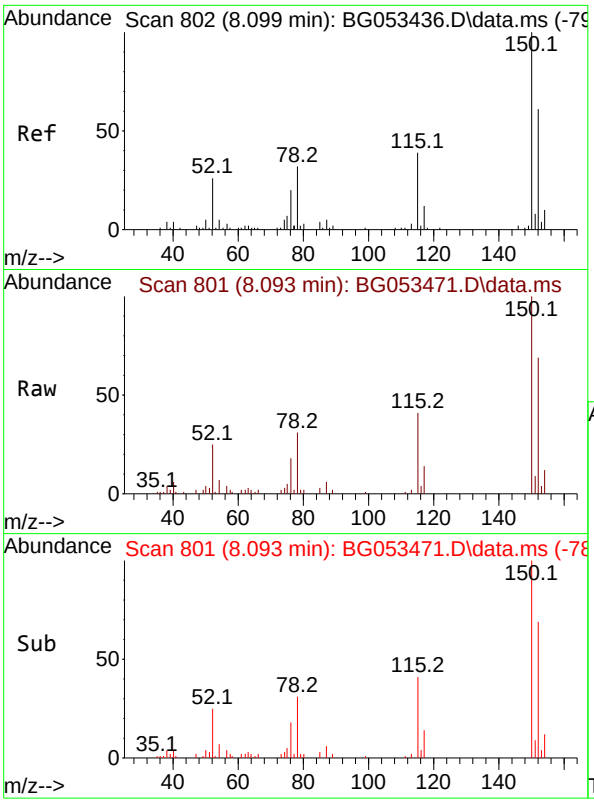


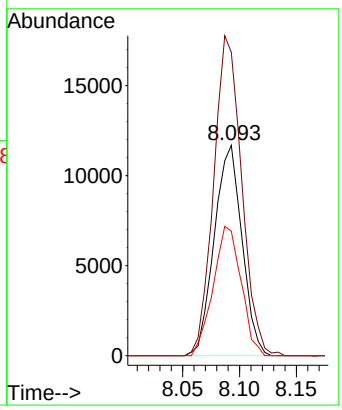


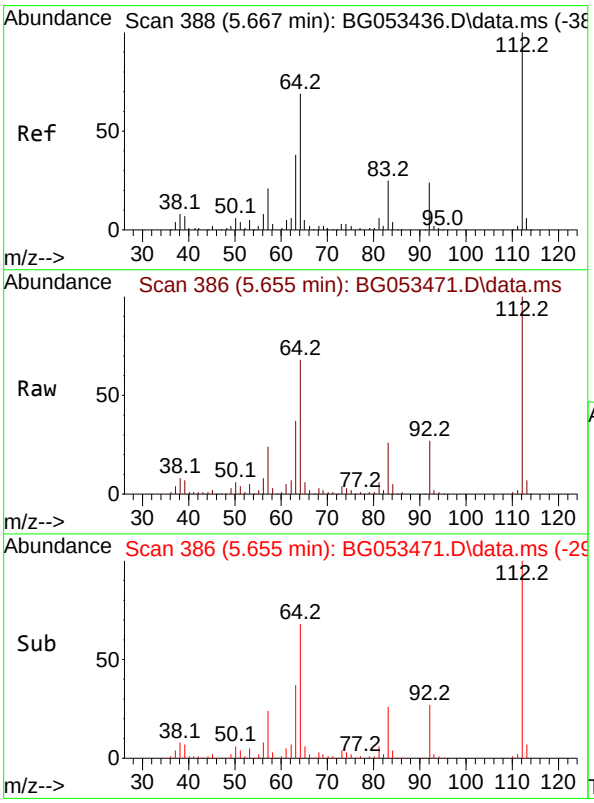
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Instrument :
BNA_G
ClientSampleId :
01

Tgt Ion:152 Resp: 19791

Ion	Ratio	Lower	Upper
152	100		
150	144.2	131.6	197.4
115	59.1	50.9	76.3

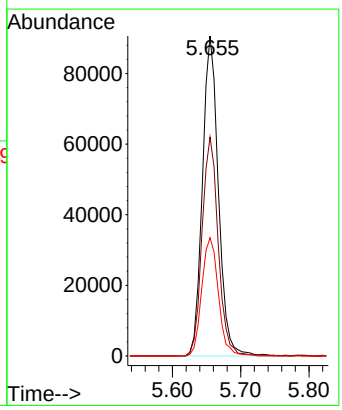


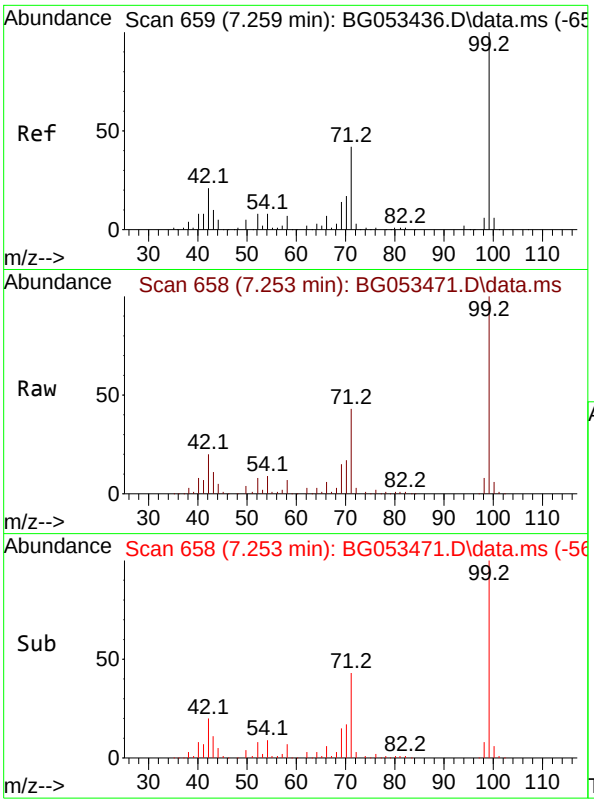


#5
2-Fluorophenol
Concen: 126.581 ng
RT: 5.655 min Scan# 386
Delta R.T. -0.012 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Tgt Ion:112 Resp: 147611

Ion	Ratio	Lower	Upper
112	100		
64	68.4	55.1	82.7
63	37.0	30.4	45.6



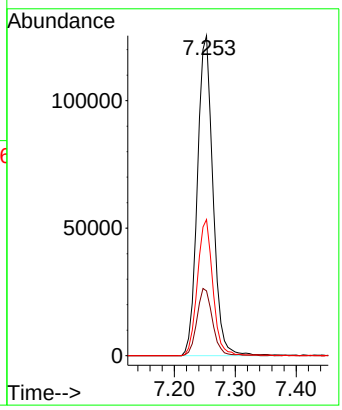


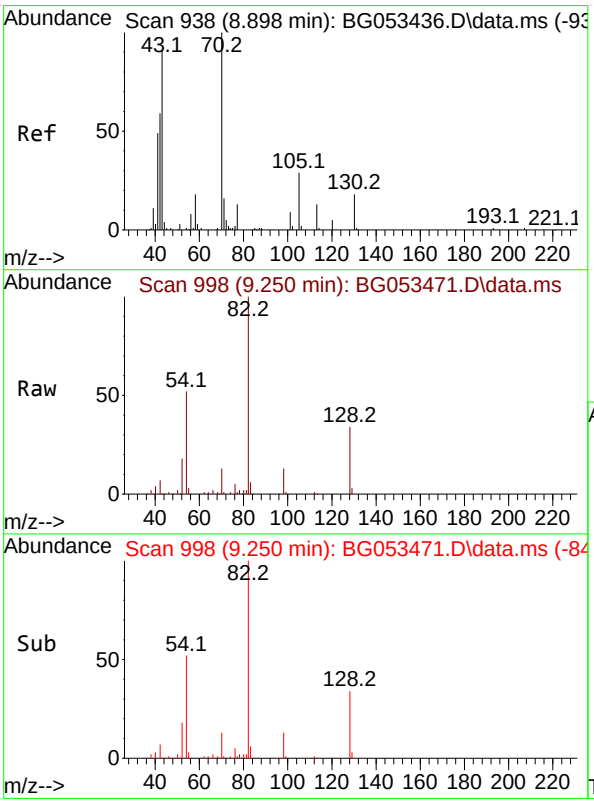
#7
Phenol-d6
Concen: 125.725 ng
RT: 7.253 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Instrument :
BNA_G
ClientSampleId :
01

Tgt Ion: 99 Resp: 222509

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.0	25.6
71	42.6	33.8	50.8

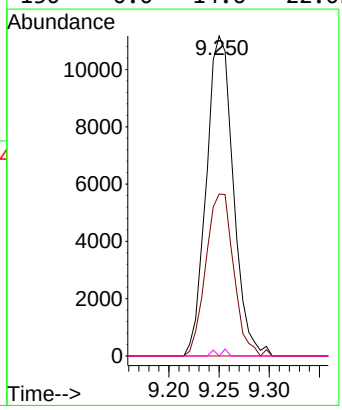


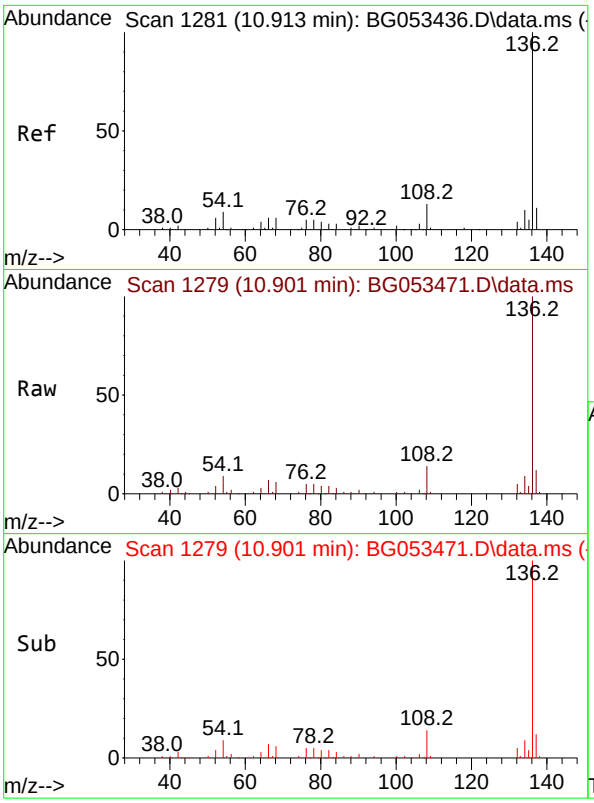


#19
n-Nitroso-di-n-propylamine
Concen: 16.463 ng
RT: 9.250 min Scan# 998
Delta R.T. 0.352 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Tgt Ion: 70 Resp: 20905

Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



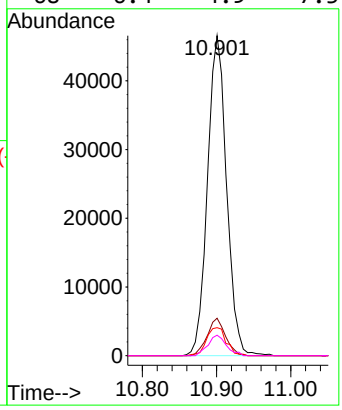


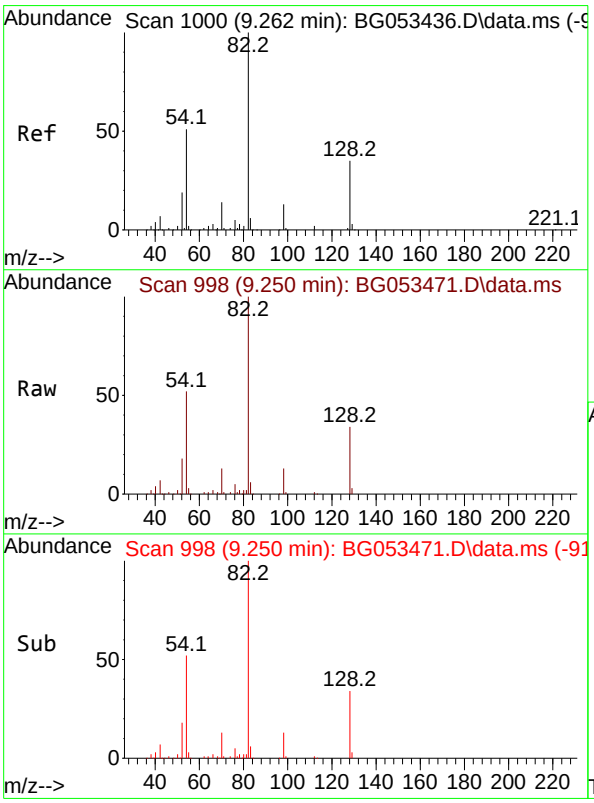
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.901 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Instrument :
BNA_G
ClientSampleId :
01

Tgt Ion:136 Resp: 83367

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	8.8	7.4	11.2
68	6.4	4.9	7.3

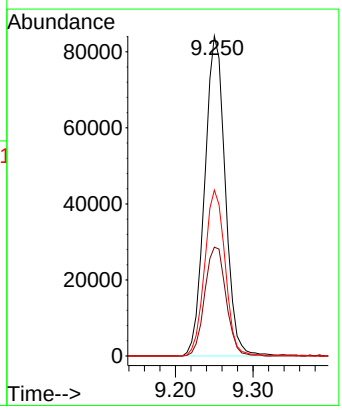


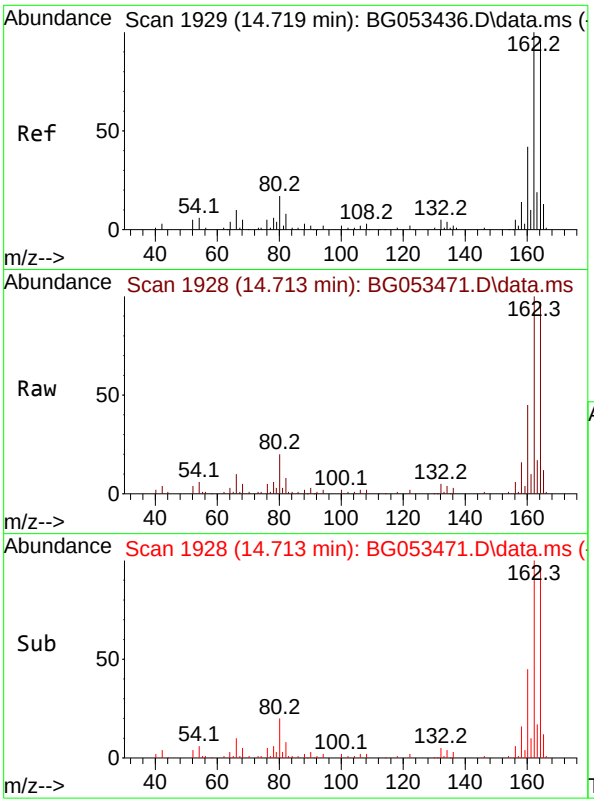


#23
Nitrobenzene-d5
Concen: 78.782 ng
RT: 9.250 min Scan# 998
Delta R.T. -0.012 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Tgt Ion: 82 Resp: 154288

Ion	Ratio	Lower	Upper
82	100		
128	34.0	27.9	41.9
54	51.9	41.2	61.8



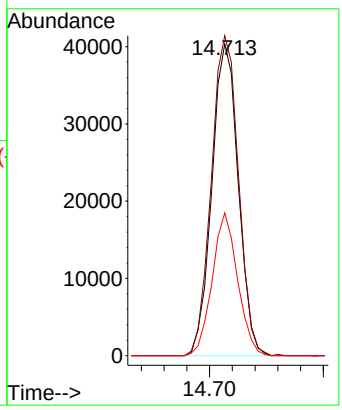


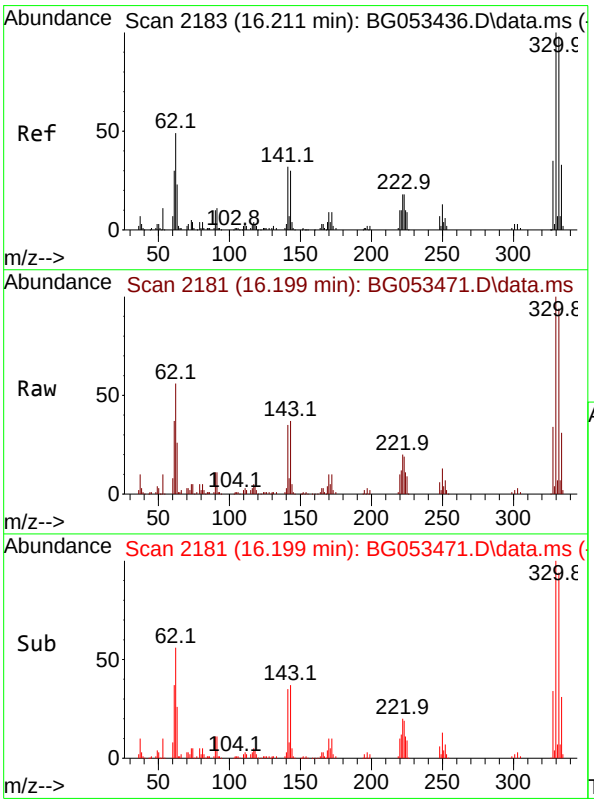
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Instrument :
BNA_G
ClientSampleId :
01

Tgt Ion:164 Resp: 64999

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.3	123.5
160	45.8	34.2	51.2

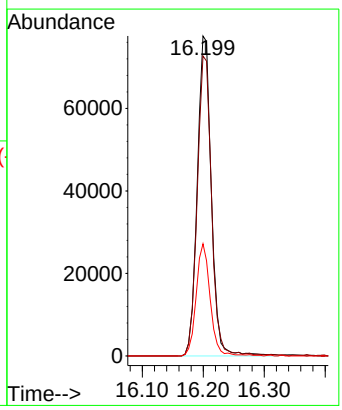


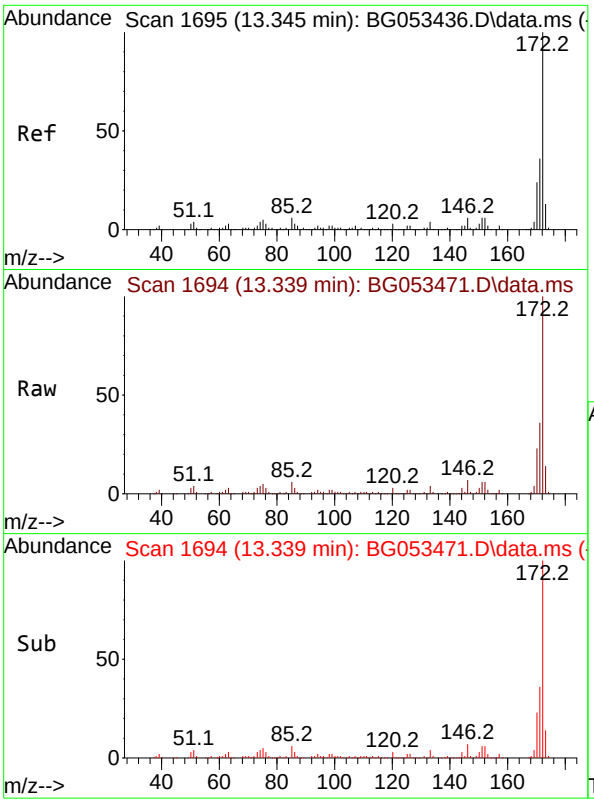


#42
2,4,6-Tribromophenol
Concen: 129.948 ng
RT: 16.199 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Tgt Ion:330 Resp: 124576

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.0	114.0
141	34.9	27.1	40.7



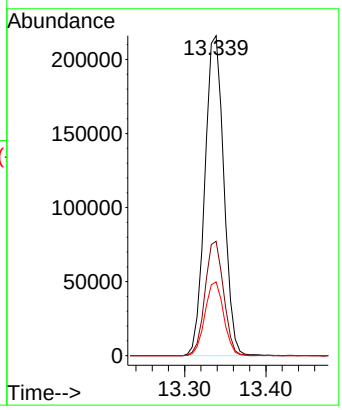


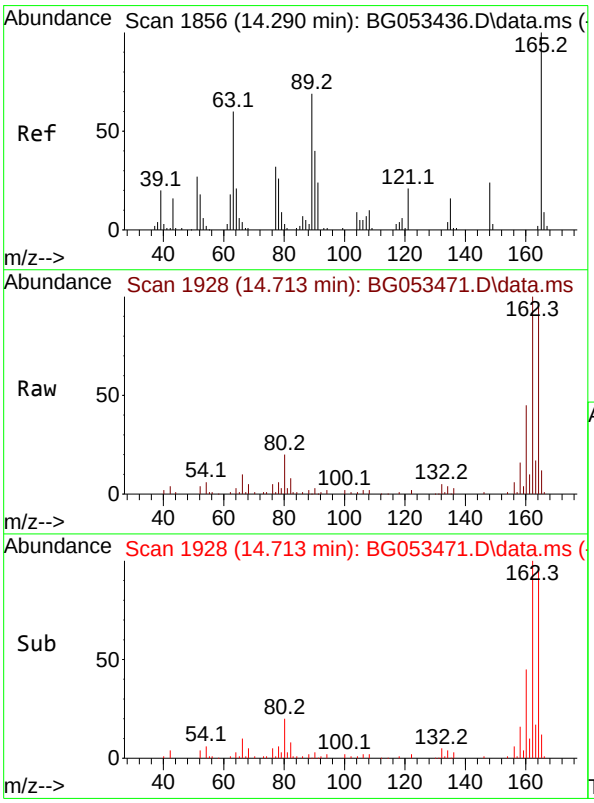
#45
2-Fluorobiphenyl
Concen: 78.581 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Instrument :
BNA_G
ClientSampleId :
01

Tgt Ion:172 Resp: 349533

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.0	18.9	28.3

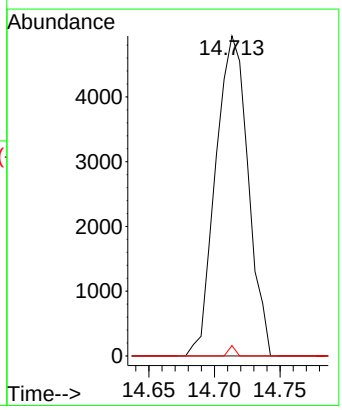


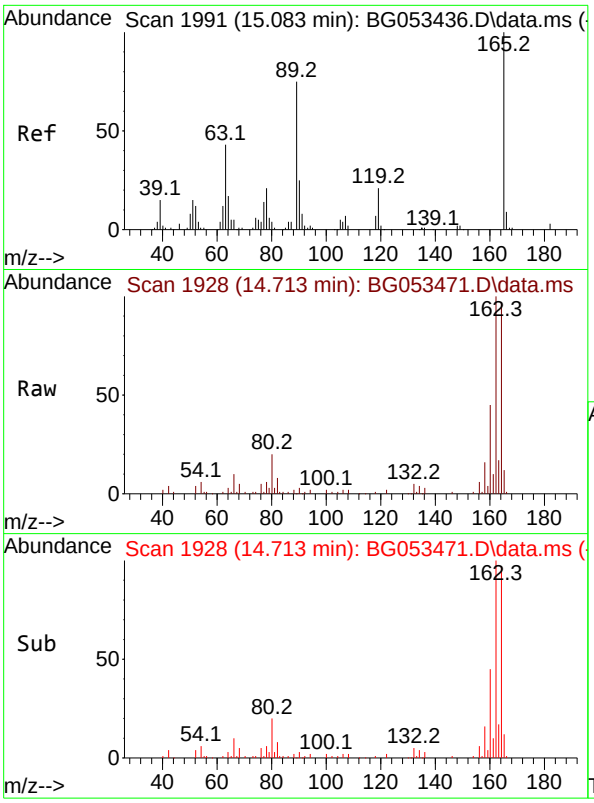


#51
2,6-Dinitrotoluene
Concen: 8.456 ng
RT: 14.713 min Scan# 1928
Delta R.T. 0.423 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Tgt Ion:165 Resp: 8509

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	3.3	54.8	82.2#



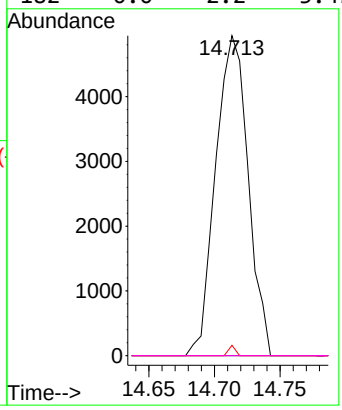


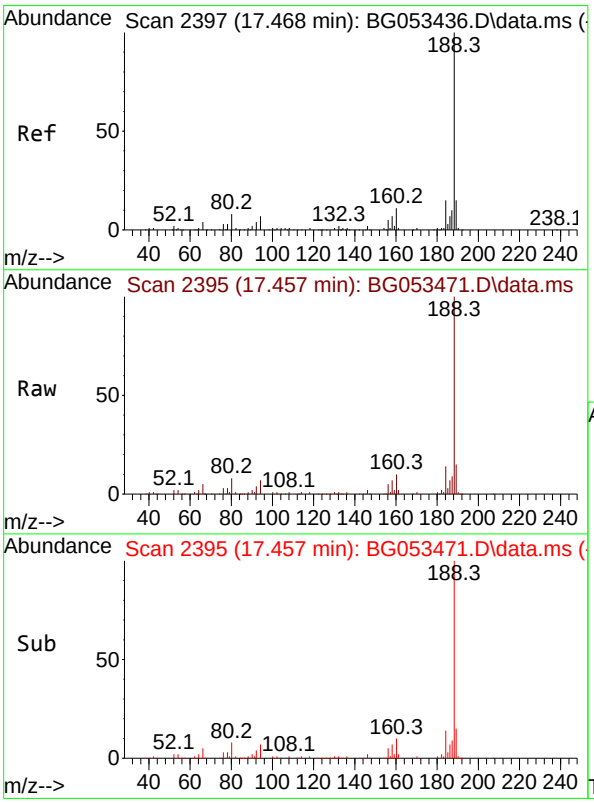
#57
2,4-Dinitrotoluene
Concen: 5.834 ng
RT: 14.713 min Scan# 1
Delta R.T. -0.370 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Instrument :
BNA_G
ClientSampleId :
01

Tgt Ion:165 Resp: 8509

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	3.3	60.3	90.5#
182	0.0	2.2	3.4#

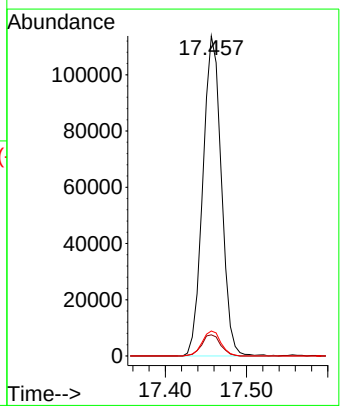


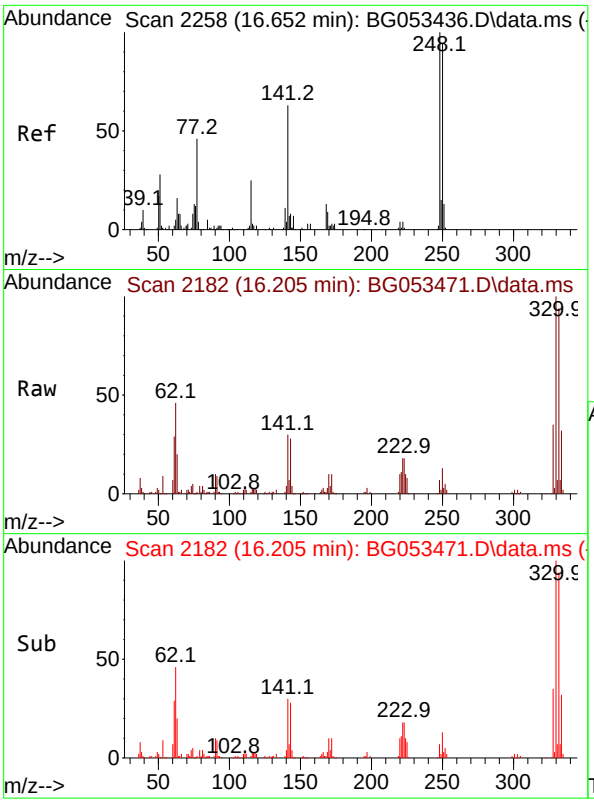


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Tgt Ion:188 Resp: 179513

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.4	8.0
80	7.8	6.8	10.2



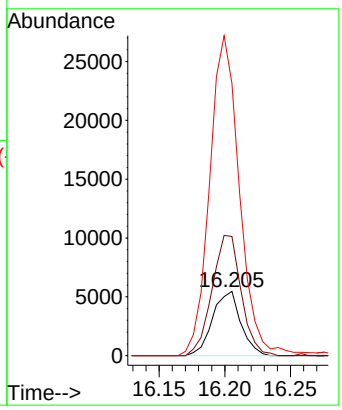


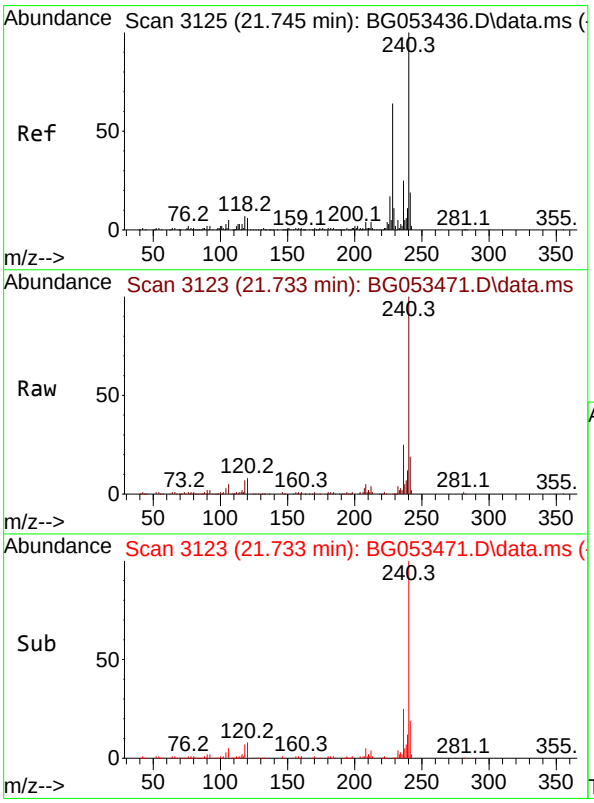
#67
4-Bromophenyl-phenylether
Concen: 3.901 ng
RT: 16.205 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Instrument :
BNA_G
ClientSampleId :
01

Tgt Ion:248 Resp: 8179

Ion	Ratio	Lower	Upper
248	100		
250	185.5	75.2	112.8#
141	423.2	50.0	75.0#

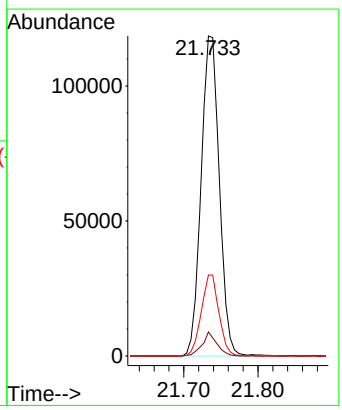


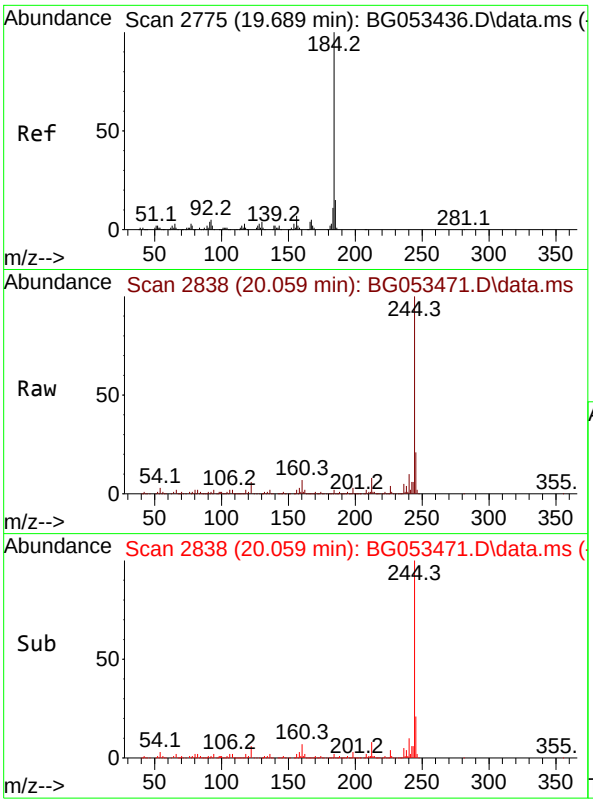


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Tgt Ion:240 Resp: 202050

Ion	Ratio	Lower	Upper
240	100		
120	7.5	4.6	7.0#
236	25.3	20.2	30.4



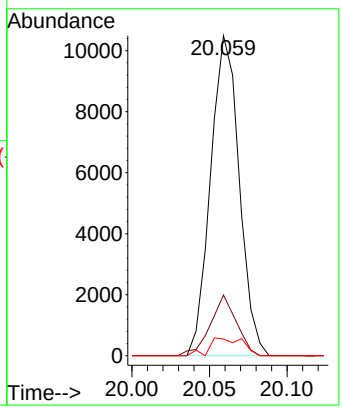


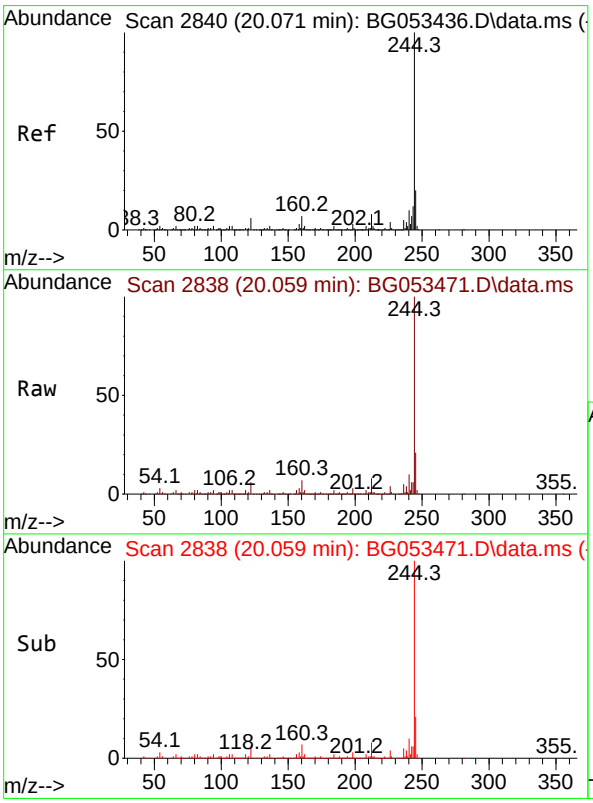
#77
Benzidine
Concen: 3.095 ng
RT: 20.059 min Scan# 2
Delta R.T. 0.370 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Instrument :
BNA_G
ClientSampleId :
01

Tgt Ion:184 Resp: 13477

Ion	Ratio	Lower	Upper
184	100		
185	19.0	11.8	17.6#
183	5.2	8.9	13.3#

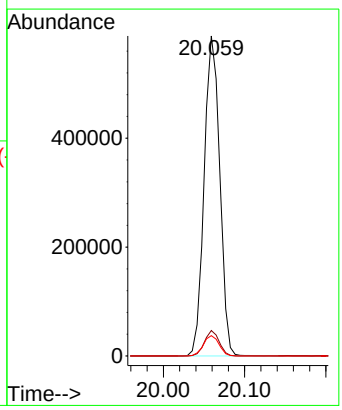


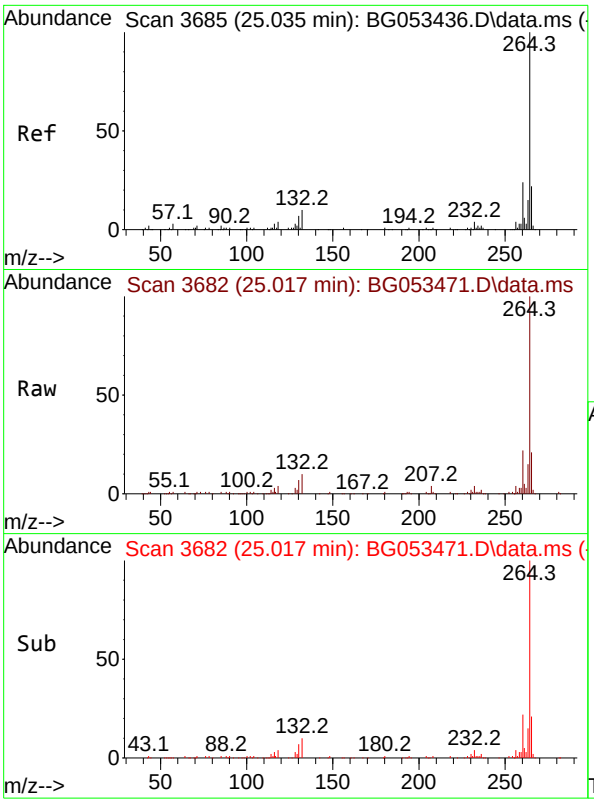


#79
Terphenyl-d14
Concen: 72.158 ng
RT: 20.059 min Scan# 2838
Delta R.T. -0.012 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Tgt Ion:244 Resp: 782806

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	6.4	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.017 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG053471.D
Acq: 6 May 2022 11:35

Instrument :
BNA_G
ClientSampleId :
01

Tgt Ion:264 Resp: 202246

Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.0	28.6
265	20.9	17.4	26.2