Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
Data File : BG053572.D
Acq On : 16 May 2022 18:16
Operator : CG/JU
Sample : N2847-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Quant Time: May 17 05:21:12 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 11 06:00:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	25743	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	103886	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	84276	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	202141	20.000	ng	0.00
76) Chrysene-d12	21.740	240	201362	20.000	ng	0.00
86) Perylene-d12	25.029	264	209792	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	143690	94.729	ng	0.00
7) Phenol-d6	7.248	99	223763	97.201	ng	0.00
23) Nitrobenzene-d5	9.251	82	149860	61.407	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	120359	96.832	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	323573	56.105	ng	0.00
79) Terphenyl-d14	20.060	244	599933	55.490	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	21547	13.045	ng	# 74
51) 2,6-Dinitrotoluene	14.708	165	11084	8.495	ng	# 16
57) 2,4-Dinitrotoluene	14.708	165	11084	5.861	ng	# 21
67) 4-Bromophenyl-phenylether	16.200	248	7709	3.265	ng	# 1
75) Fluoranthene	19.508	202	45570	3.424	ng	97
77) Benzidine	20.060	184	10302	2.374	ng	# 89
78) Pyrene	19.872	202	38763	2.974	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
Data File : BG053572.D
Acq On : 16 May 2022 18:16
Operator : CG/JU
Sample : N2847-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: May 17 05:21:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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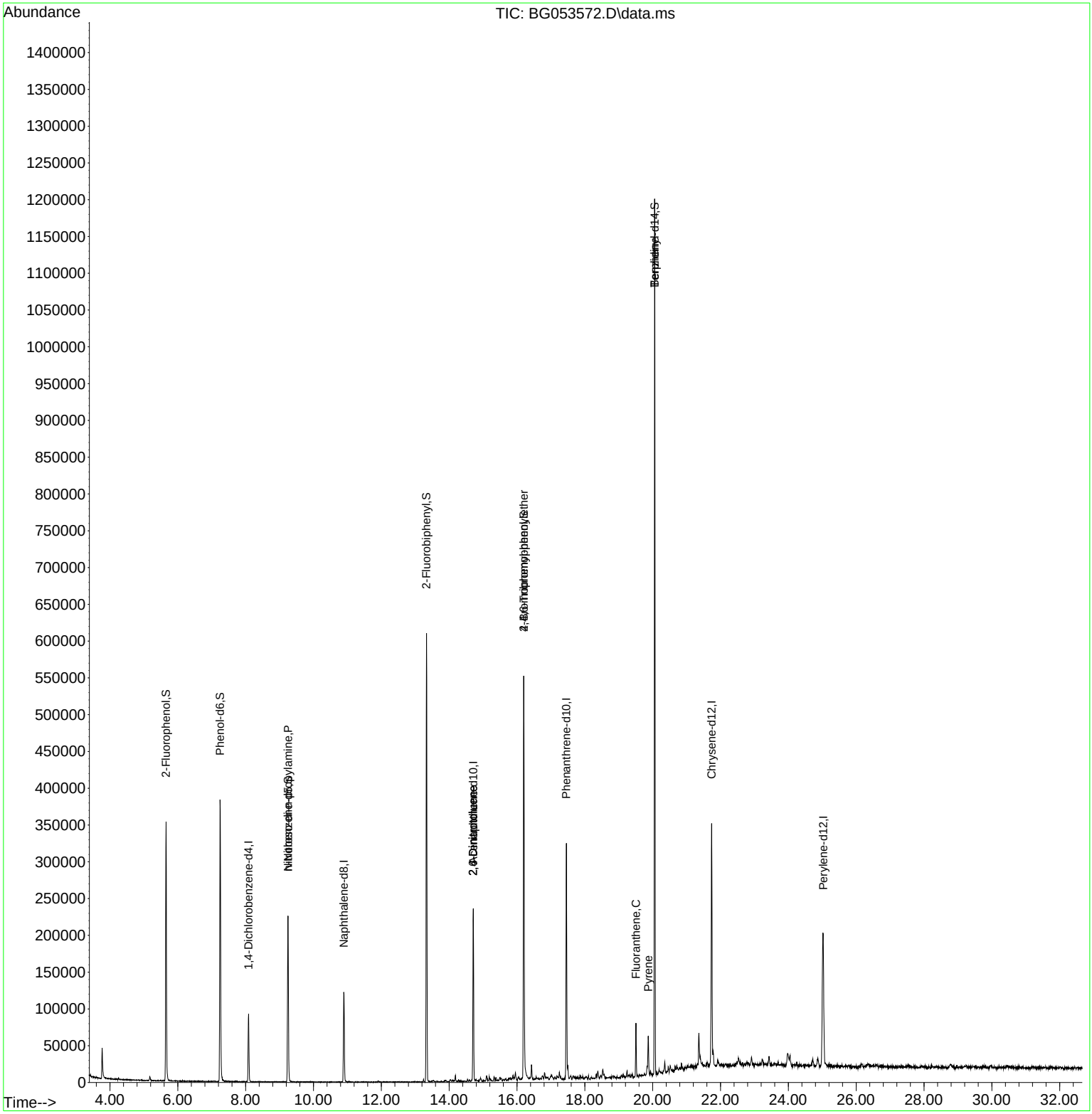
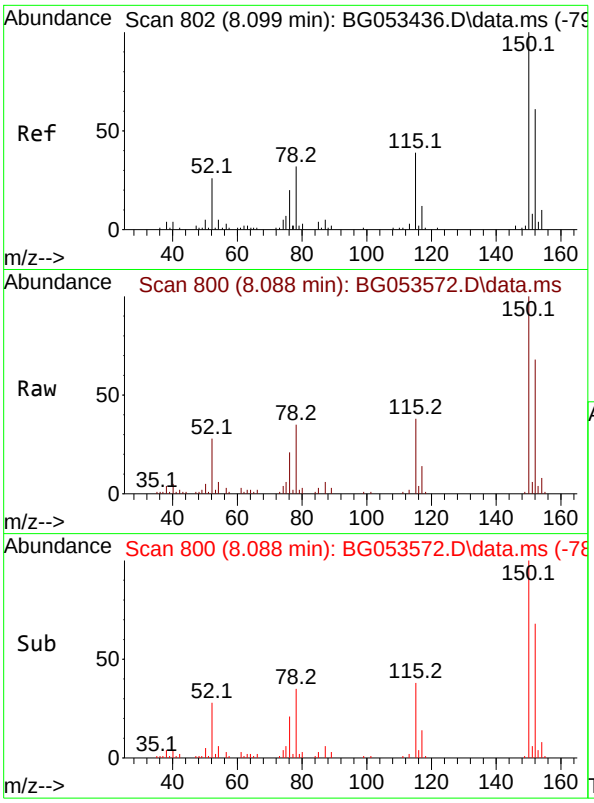


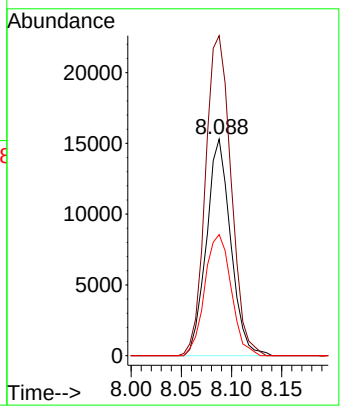


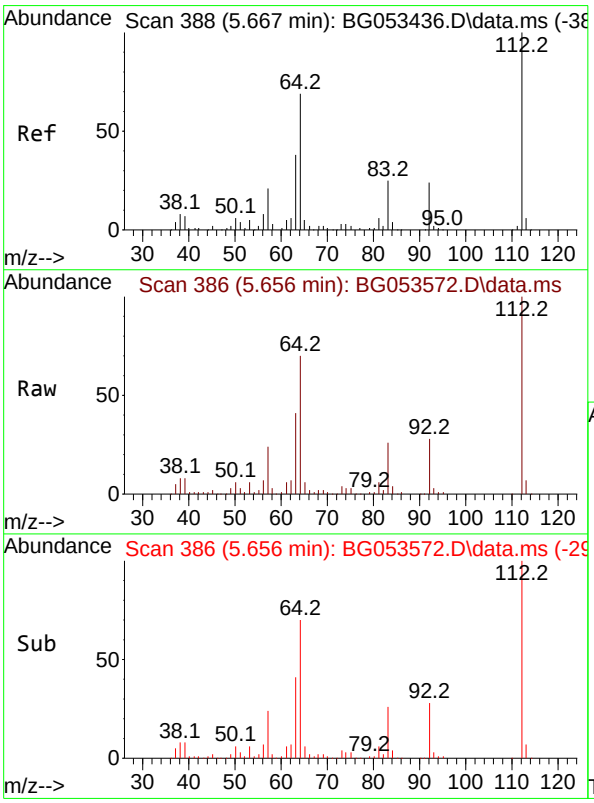
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 8(
Delta R.T. -0.001 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion:152 Resp: 25743

Ion	Ratio	Lower	Upper
152	100		
150	147.7	131.6	197.4
115	55.9	50.9	76.3

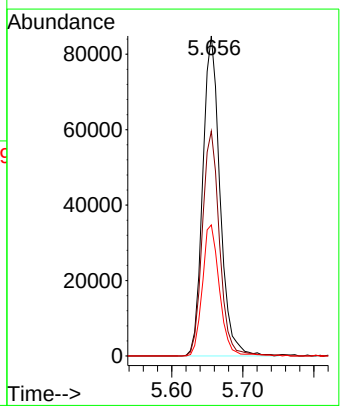


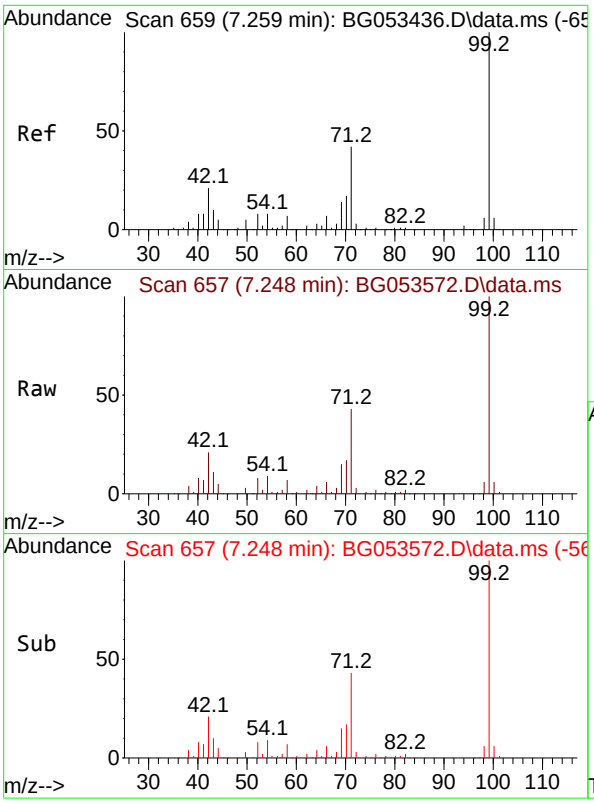


#5
2-Fluorophenol
Concen: 94.729 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion:112 Resp: 143690

Ion	Ratio	Lower	Upper
112	100		
64	70.3	55.1	82.7
63	41.0	30.4	45.6



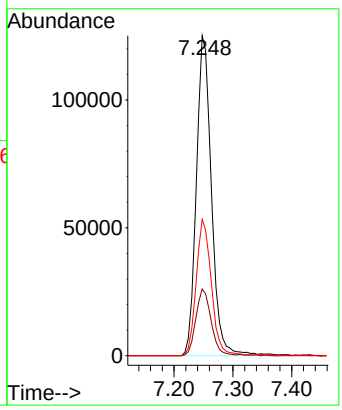


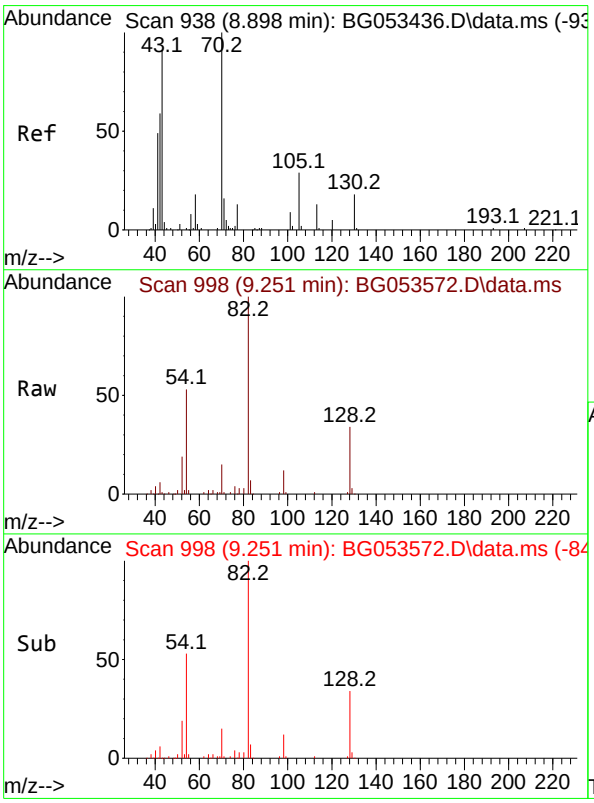
#7
Phenol-d6
Concen: 97.201 ng
RT: 7.248 min Scan# 6
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion: 99 Resp: 223763

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.0	25.6
71	42.5	33.8	50.8

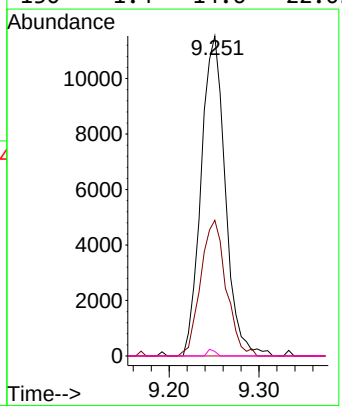


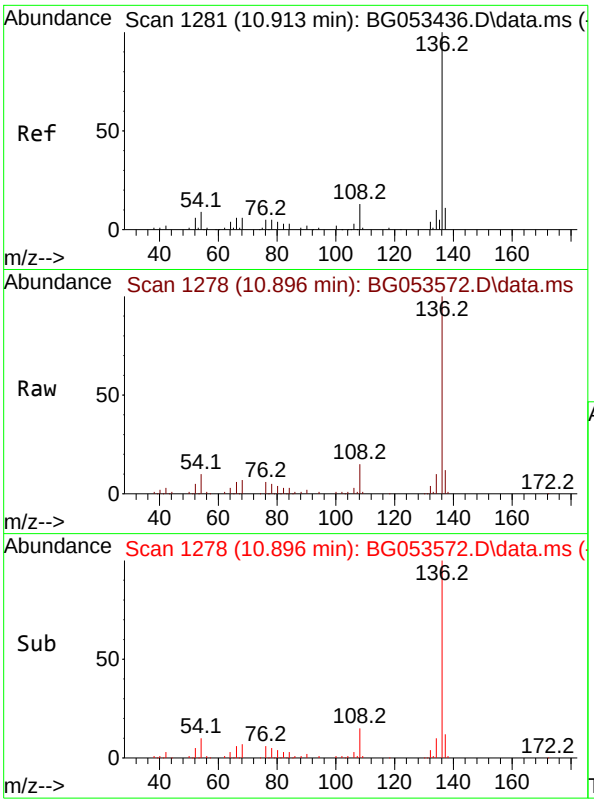


#19
n-Nitroso-di-n-propylamine
Concen: 13.045 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.362 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion: 70 Resp: 21547

Ion	Ratio	Lower	Upper
70	100		
42	42.4	47.3	70.9#
101	0.0	7.0	10.4#
130	1.4	14.6	22.0#



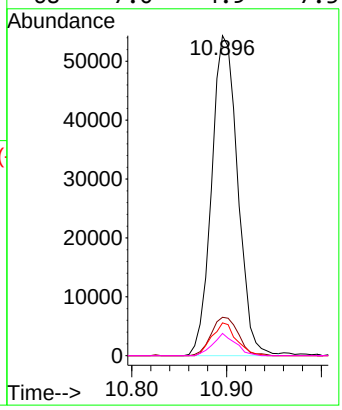


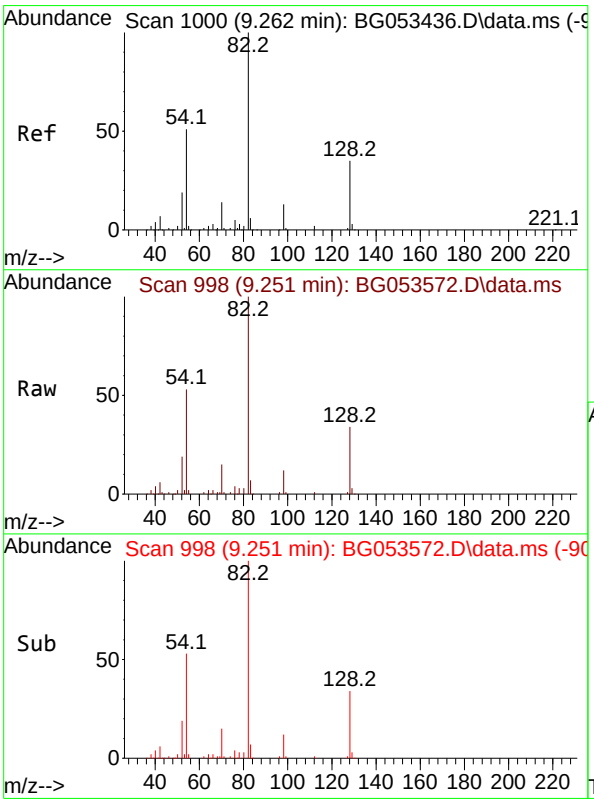
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion:136 Resp: 103886

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.5	12.7
54	10.3	7.4	11.2
68	7.0	4.9	7.3

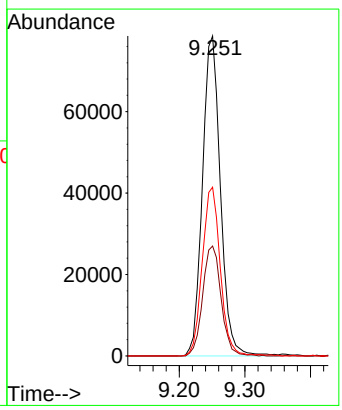


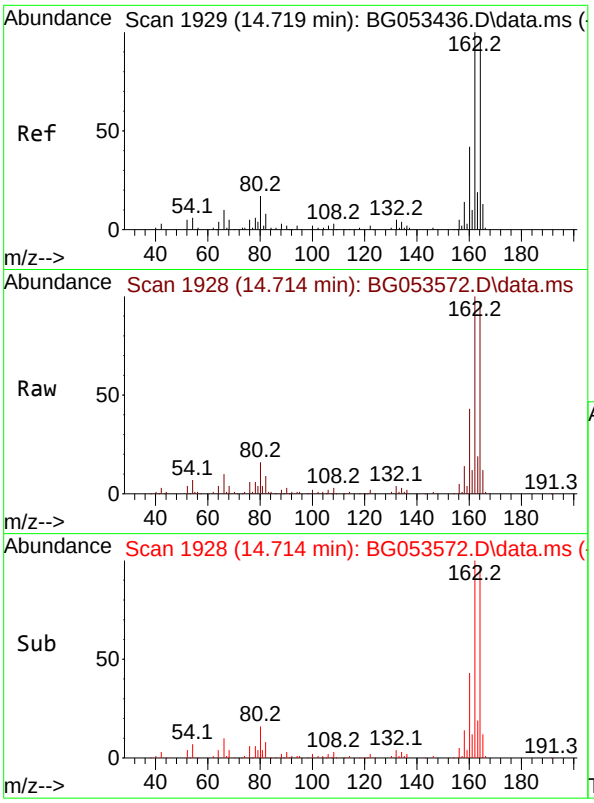


#23
Nitrobenzene-d5
Concen: 61.407 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion: 82 Resp: 149860

Ion	Ratio	Lower	Upper
82	100		
128	34.4	27.9	41.9
54	52.8	41.2	61.8



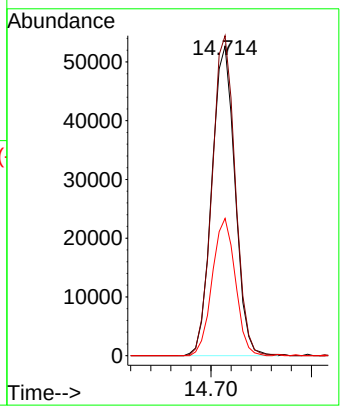


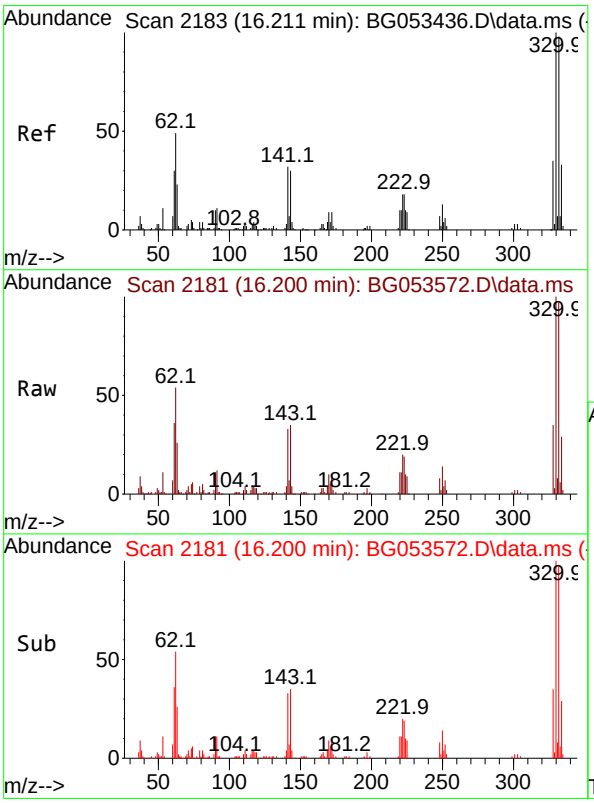
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion:164 Resp: 84276

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.3	123.5
160	44.3	34.2	51.2

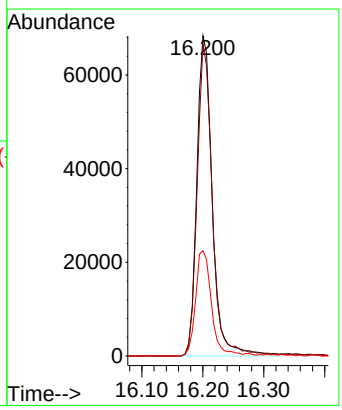


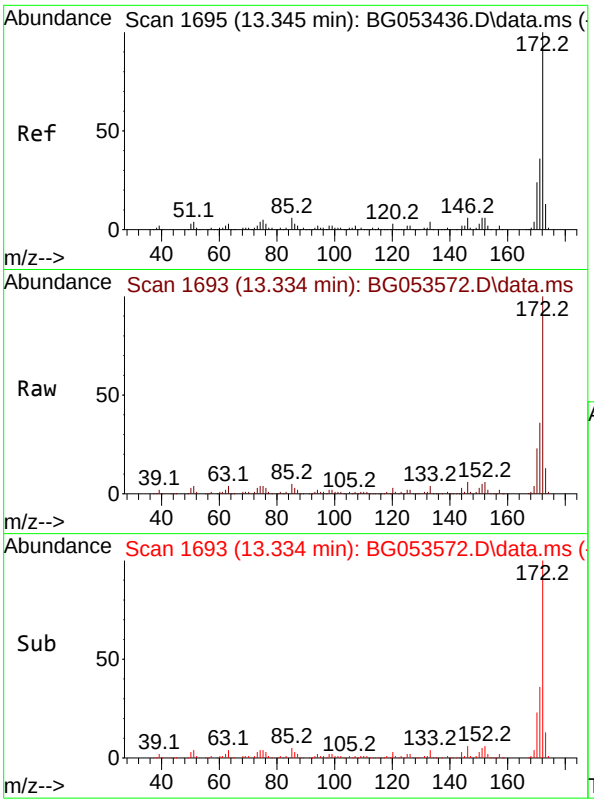


#42
2,4,6-Tribromophenol
Concen: 96.832 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion:330 Resp: 120359

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.0	114.0
141	34.0	27.1	40.7



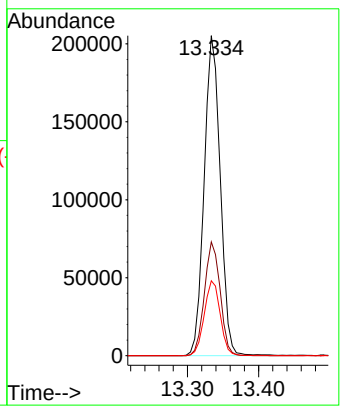


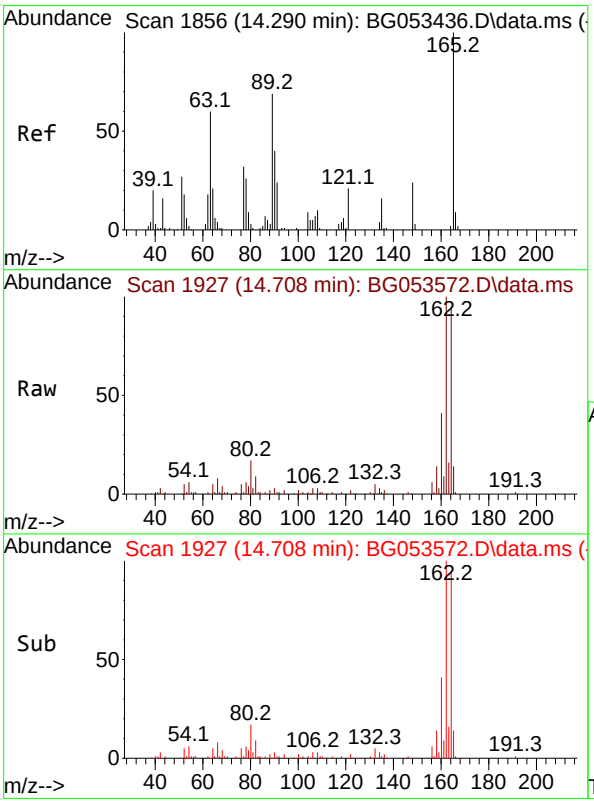
#45
2-Fluorobiphenyl
Concen: 56.105 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion:172 Resp: 323573

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.4	18.9	28.3

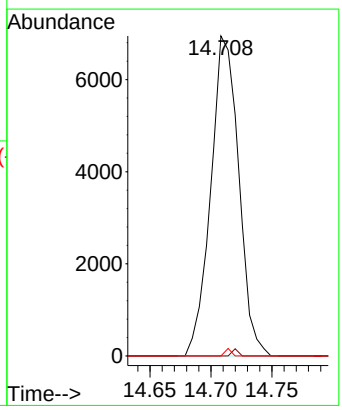


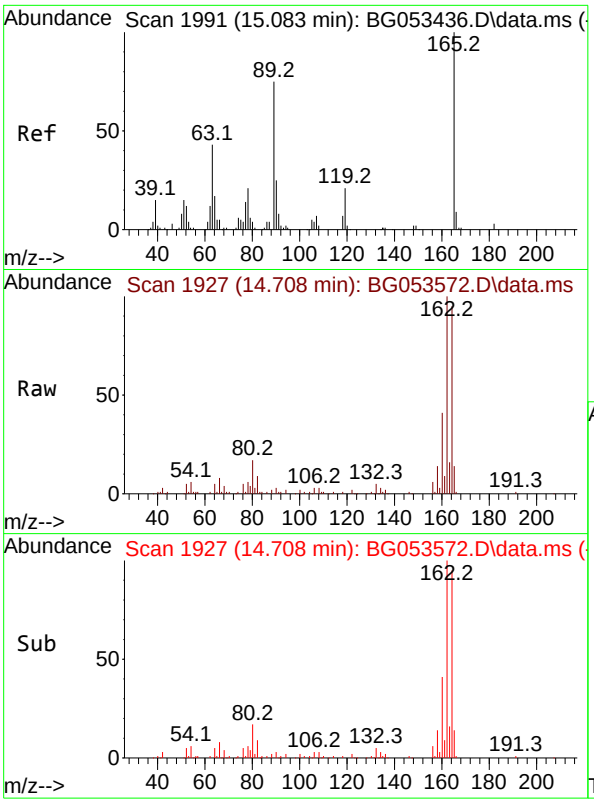


#51
2,6-Dinitrotoluene
Concen: 8.495 ng
RT: 14.708 min Scan# 1927
Delta R.T. 0.427 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion:165 Resp: 11084

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



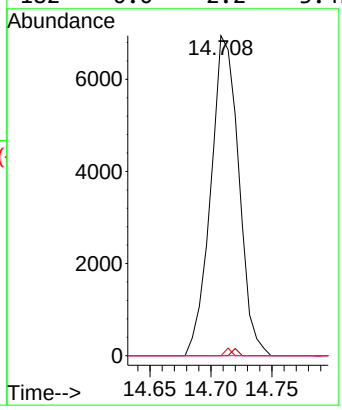


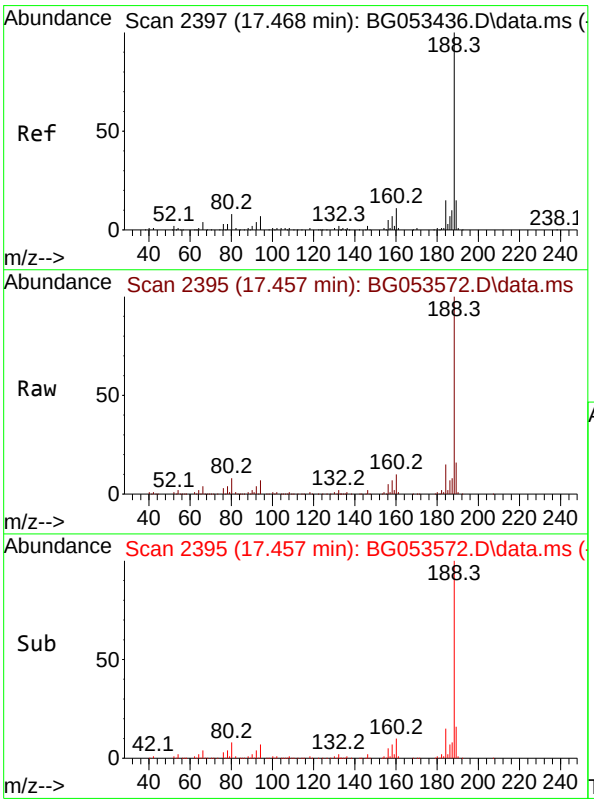
#57
2,4-Dinitrotoluene
Concen: 5.861 ng
RT: 14.708 min Scan# 1
Delta R.T. -0.366 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion:165 Resp: 11084

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#

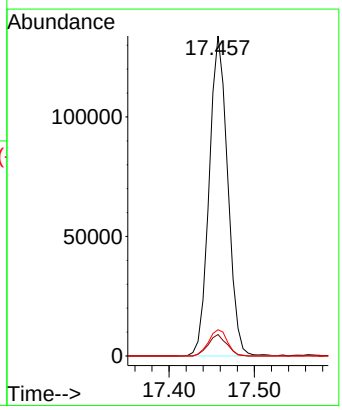


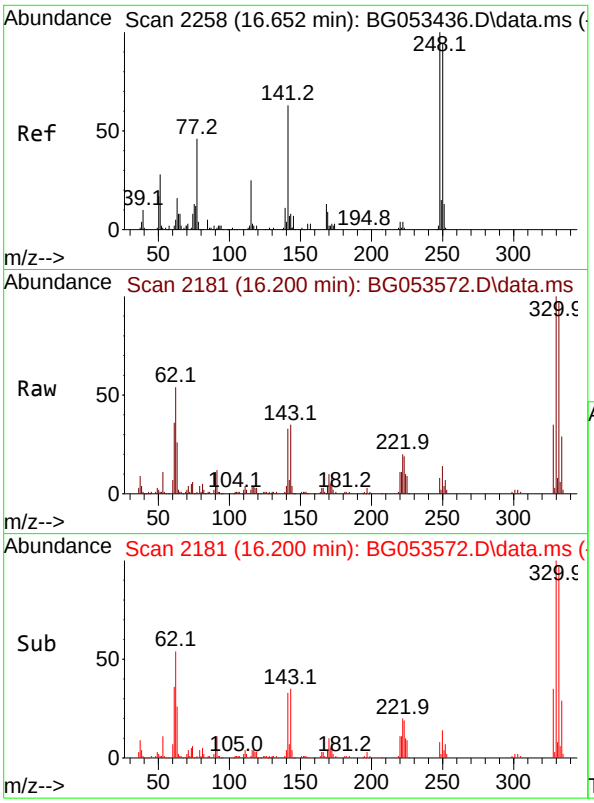


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion:188 Resp: 202141

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.4	8.0
80	8.2	6.8	10.2



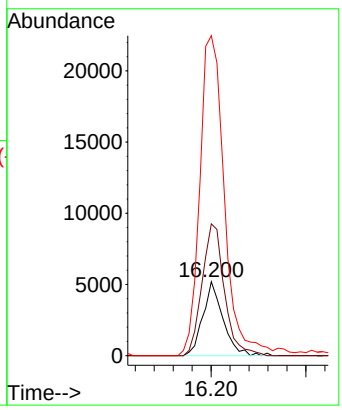


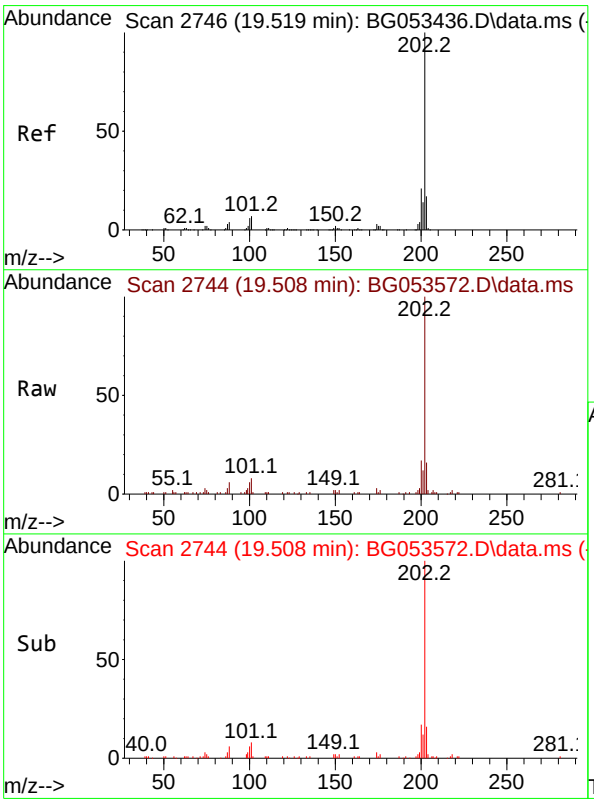
#67
4-Bromophenyl-phenylether
Concen: 3.265 ng
RT: 16.200 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion:248 Resp: 7709

Ion	Ratio	Lower	Upper
248	100		
250	178.4	75.2	112.8#
141	433.1	50.0	75.0#

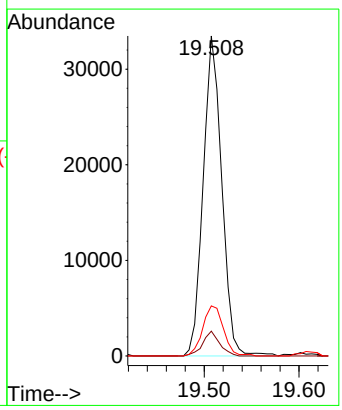


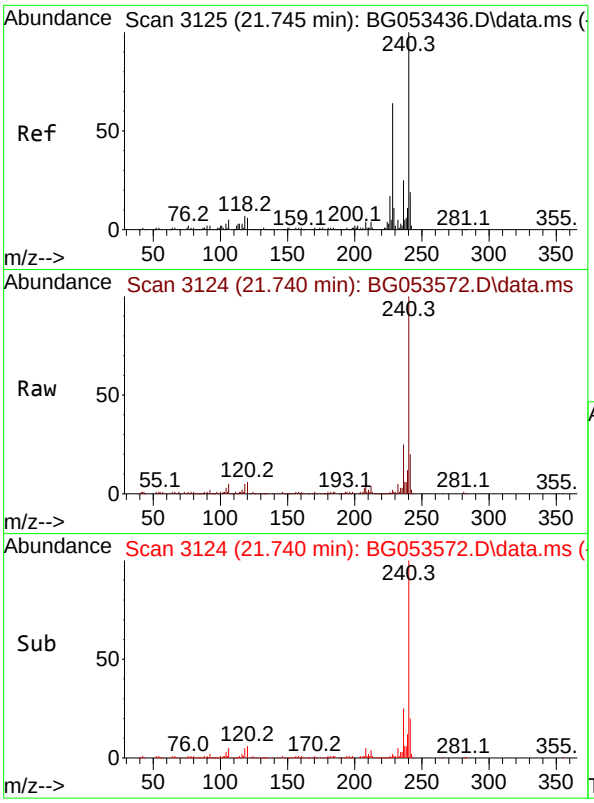


#75
Fluoranthene
Concen: 3.424 ng
RT: 19.508 min Scan# 2744
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion:202 Resp: 45570

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	26.9
203	15.6	0.0	37.2



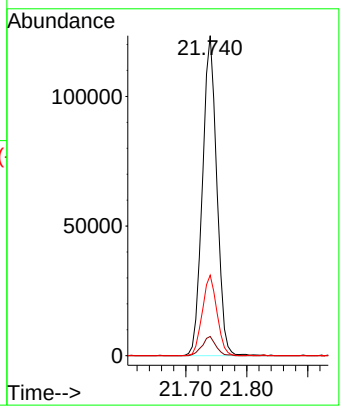


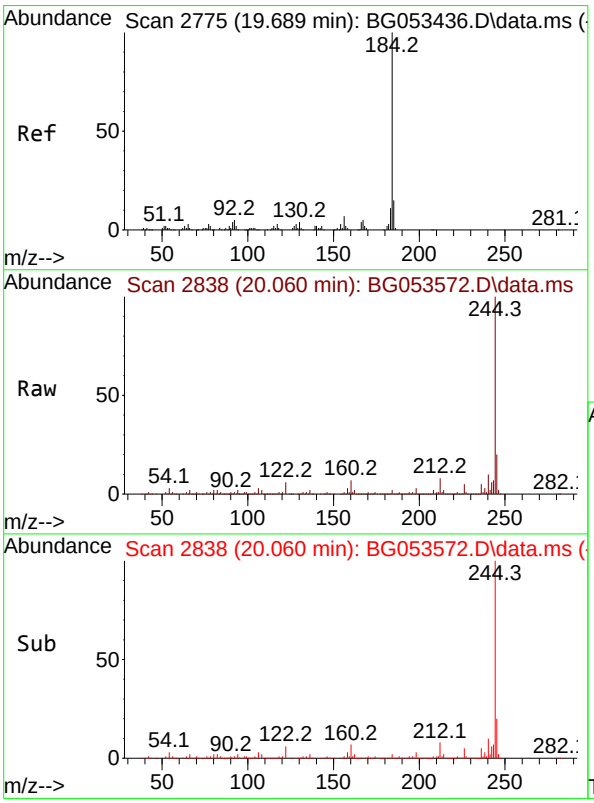
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion:240 Resp: 201362

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.6	7.0
236	25.1	20.2	30.4

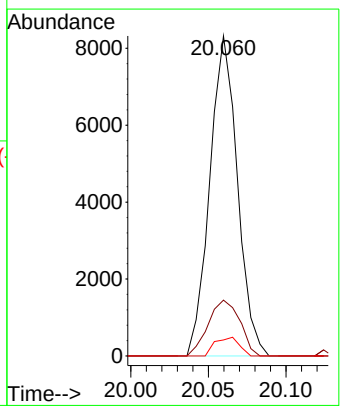


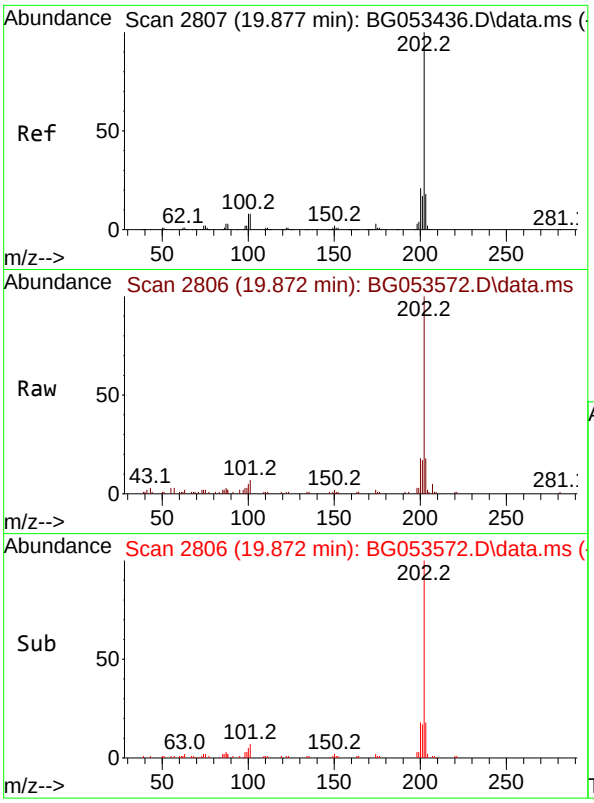


#77
Benzidine
Concen: 2.374 ng
RT: 20.060 min Scan# 2838
Delta R.T. 0.380 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion:184 Resp: 10302

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.8	17.6
183	5.0	8.9	13.3#



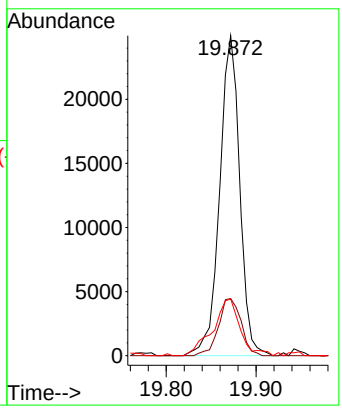


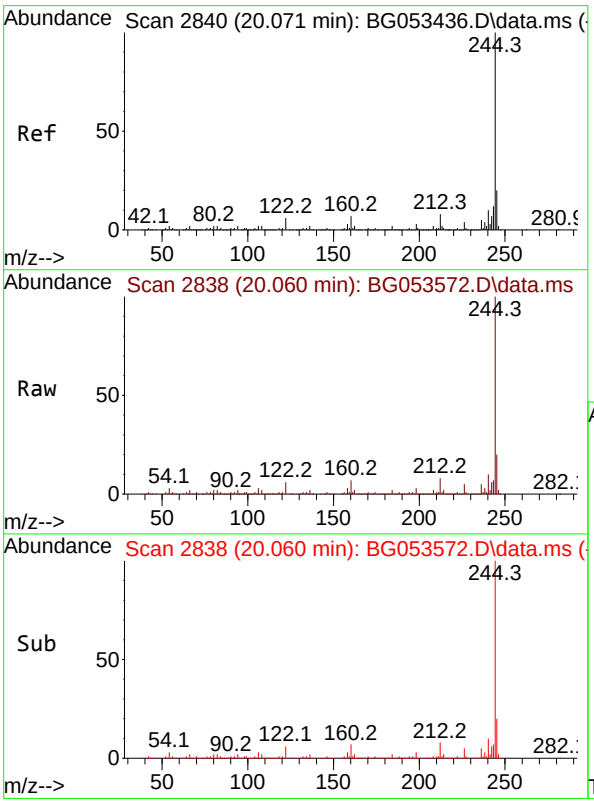
#78
Pyrene
Concen: 2.974 ng
RT: 19.872 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion:202 Resp: 38763

Ion	Ratio	Lower	Upper
202	100		
200	17.9	16.6	24.8
203	17.8	14.6	21.8

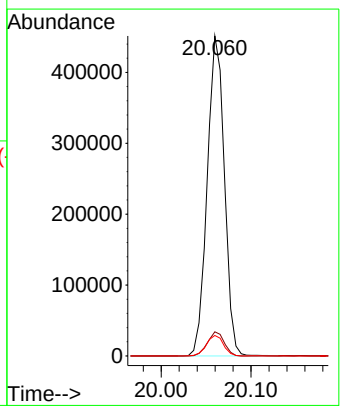


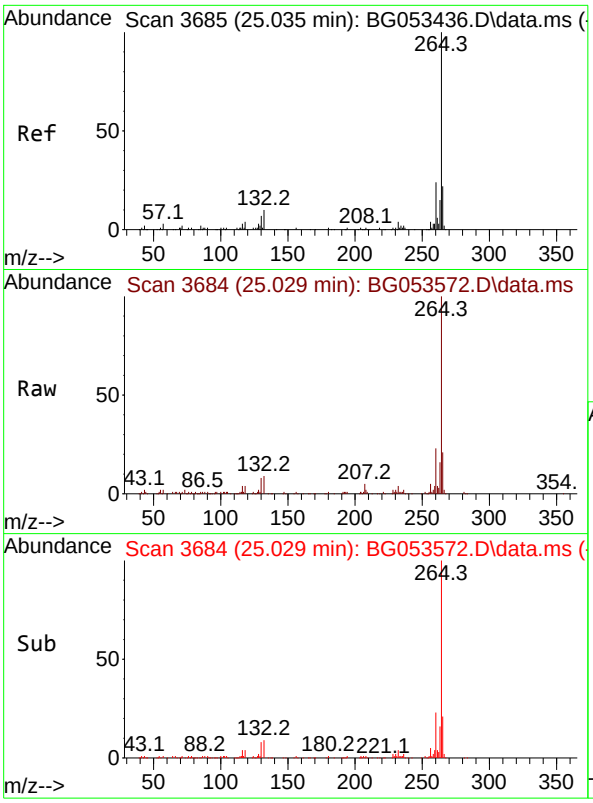


#79
Terphenyl-d14
Concen: 55.490 ng
RT: 20.060 min Scan# 2838
Delta R.T. -0.002 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Tgt Ion:244 Resp: 599933

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	6.4	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.029 min Scan# 3
Delta R.T. 0.010 min
Lab File: BG053572.D
Acq: 16 May 2022 18:16

Instrument :
BNA_G
ClientSampleId :
REDBOX-164718

Tgt Ion:264 Resp: 209792

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.2	17.4	26.2