Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
Data File : BG053811.D
Acq On : 3 Jun 2022 13:40
Operator : CG/JU
Sample : N2984-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P021-SS001-0612-01

Quant Time: Jun 03 18:11:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	27175	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	117011	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	83037	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	186985	20.000	ng	0.00
76) Chrysene-d12	21.732	240	184894	20.000	ng	# 0.00
86) Perylene-d12	25.004	264	186462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	191192	129.198	ng	0.00
7) Phenol-d6	7.243	99	255159	127.287	ng	0.00
23) Nitrobenzene-d5	9.252	82	164396	92.261	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	132728	131.681	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	445000	80.172	ng	0.00
79) Terphenyl-d14	20.063	244	750591	80.761	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.246	70	21539	15.171	ng	# 86
24) Nitrobenzene	9.252	77	583	3.248	ng	# 48
48) 2-Nitroaniline	13.342	65	777	5.635	ng	# 1
51) 2,6-Dinitrotoluene	14.711	165	11248	13.481	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	11248	11.271	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.191	198	311	5.987	ng	# 71
67) 4-Bromophenyl-phenylether	16.191	248	8654	4.260	ng	# 1

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

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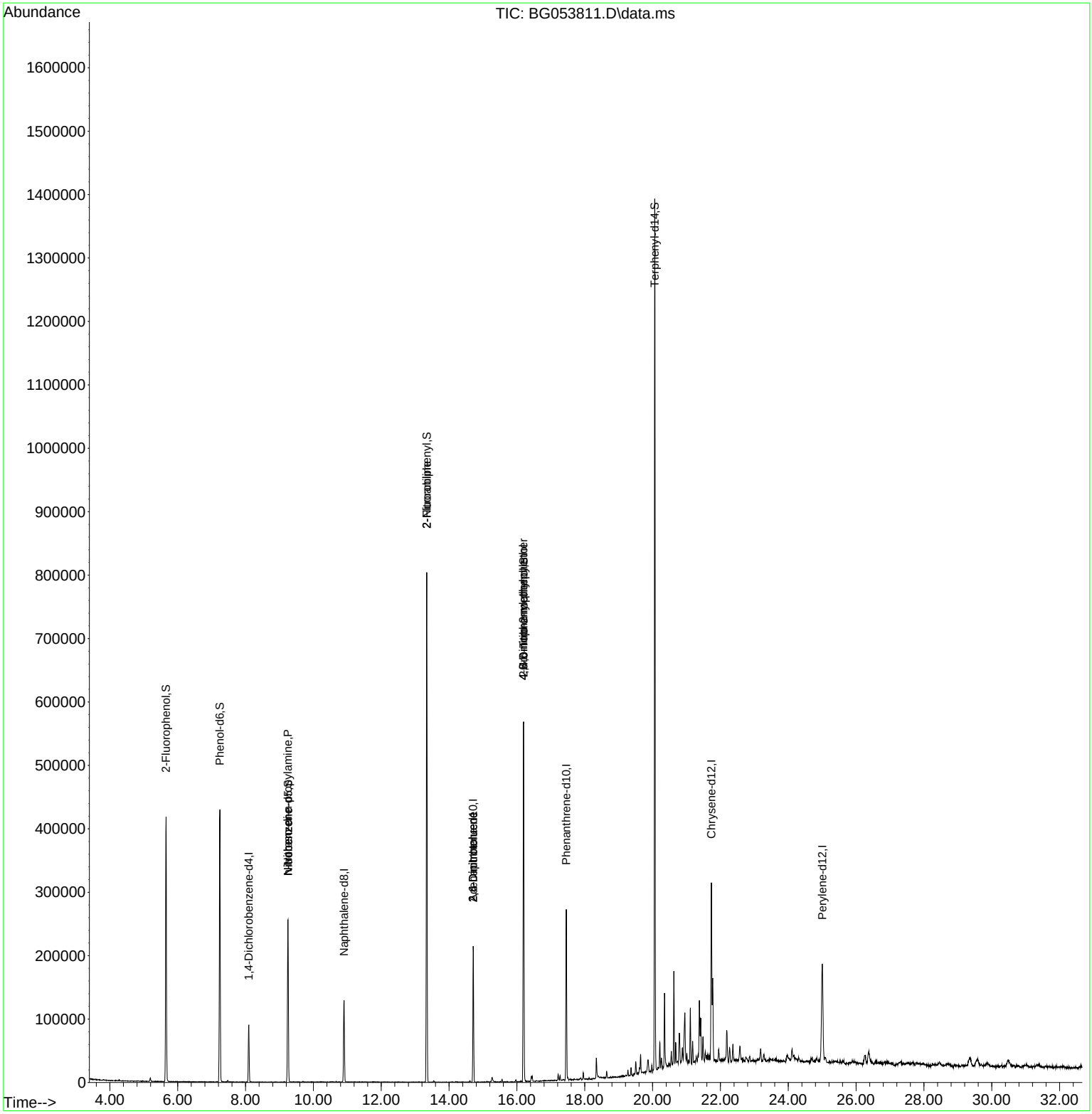
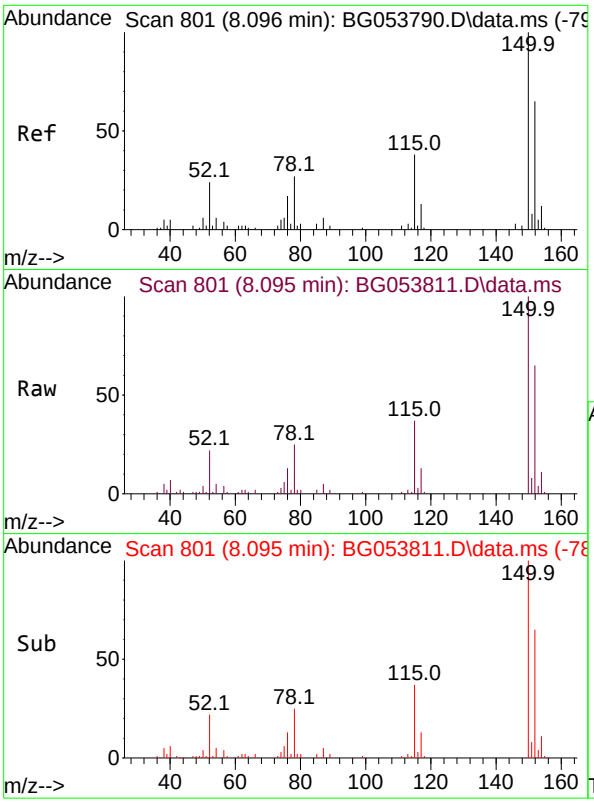


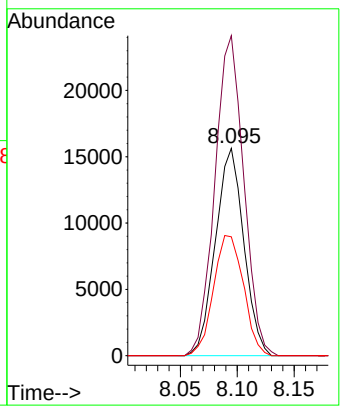


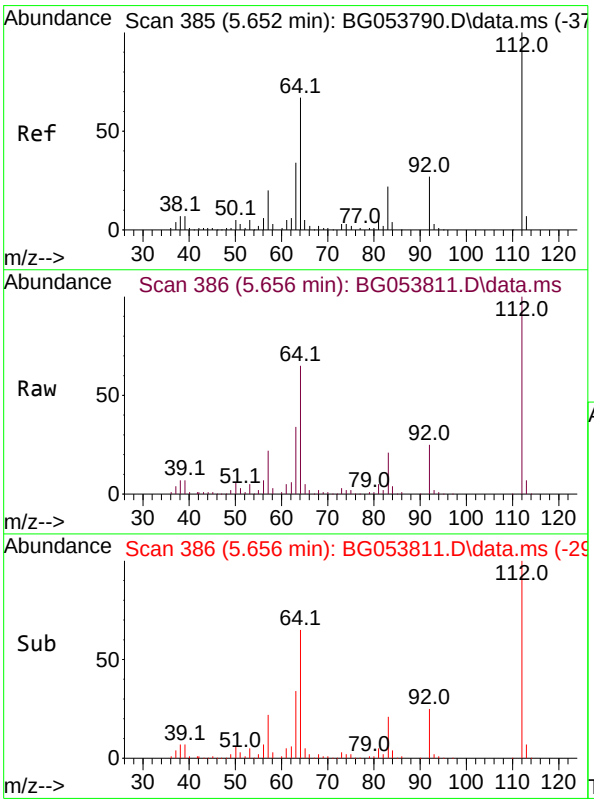
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.095 min Scan# 8(
Delta R.T. -0.001 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Instrument :
BNA_G
ClientSampleId :
P021-SS001-0612-01

Tgt Ion:152 Resp: 27175

Ion	Ratio	Lower	Upper
152	100		
150	154.3	131.6	197.4
115	57.3	50.9	76.3

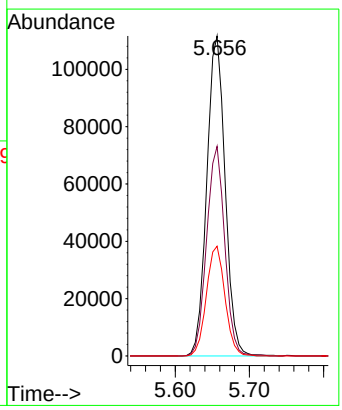


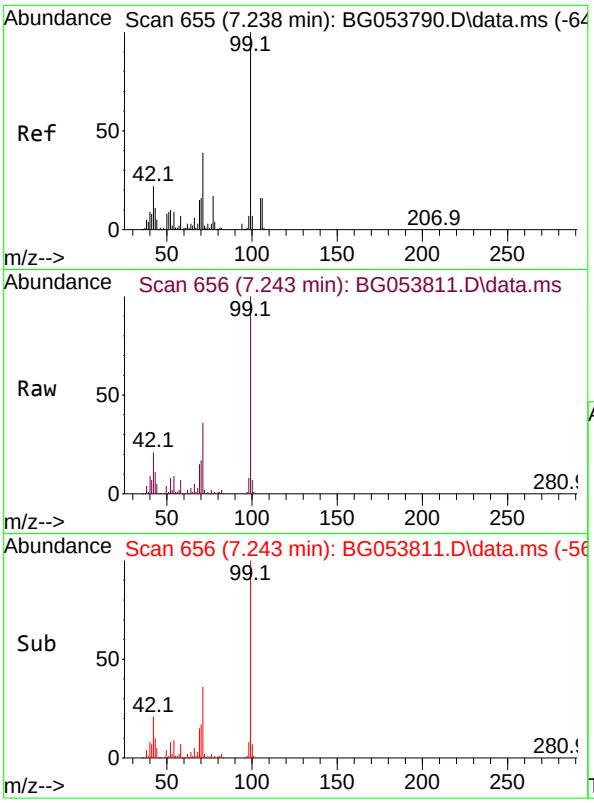


#5
2-Fluorophenol
Concen: 129.198 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Tgt Ion:112 Resp: 191192

Ion	Ratio	Lower	Upper
112	100		
64	65.5	55.1	82.7
63	34.3	30.4	45.6



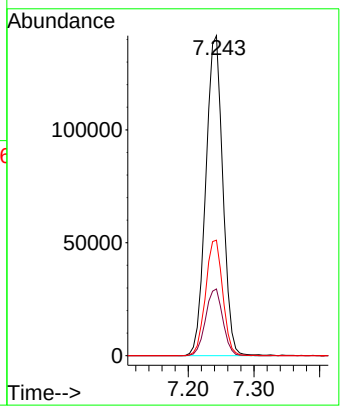


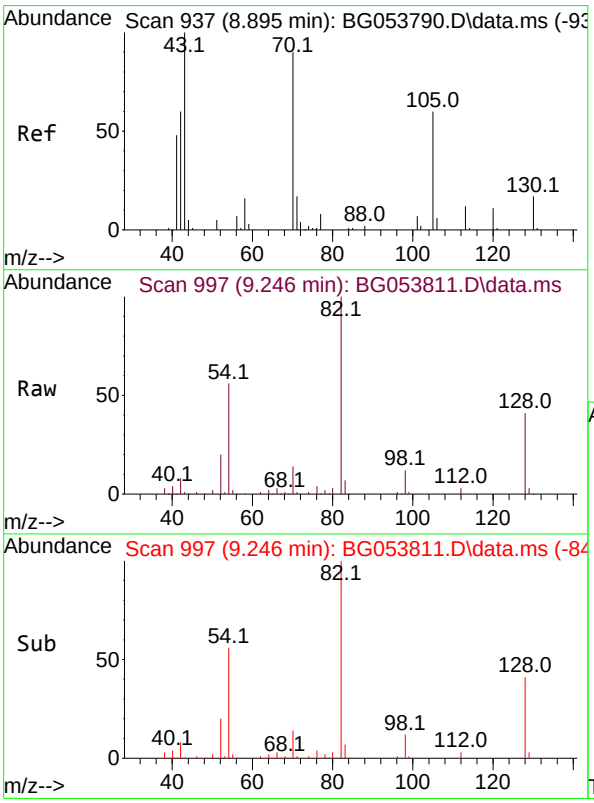
#7
Phenol-d6
Concen: 127.287 ng
RT: 7.243 min Scan# 6
Delta R.T. 0.005 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Instrument :
BNA_G
ClientSampleId :
P021-SS001-0612-01

Tgt Ion: 99 Resp: 255159

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.0	25.6
71	36.1	33.8	50.8

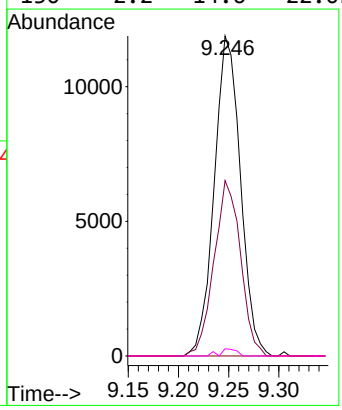


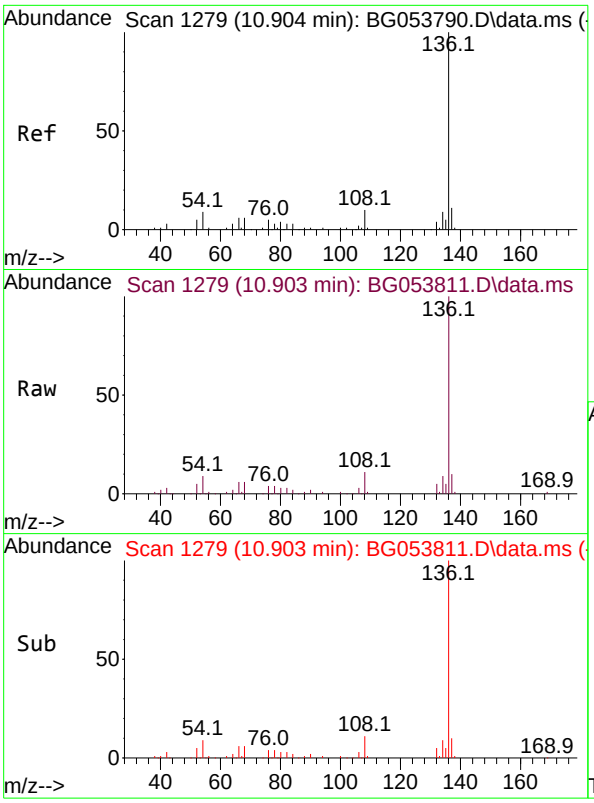


#19
n-Nitroso-di-n-propylamine
Concen: 15.171 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Tgt Ion: 70 Resp: 21539

Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.3	70.9
101	0.0	7.0	10.4#
130	2.2	14.6	22.0#



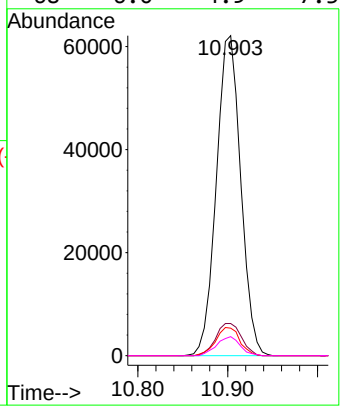


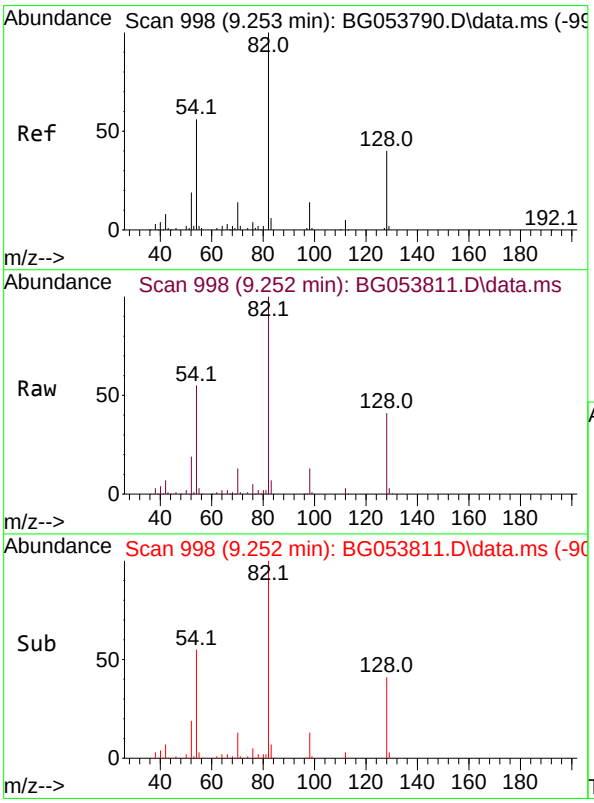
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Instrument :
BNA_G
ClientSampleId :
P021-SS001-0612-01

Tgt Ion:136 Resp: 117011

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.5	12.7
54	8.6	7.4	11.2
68	6.0	4.9	7.3

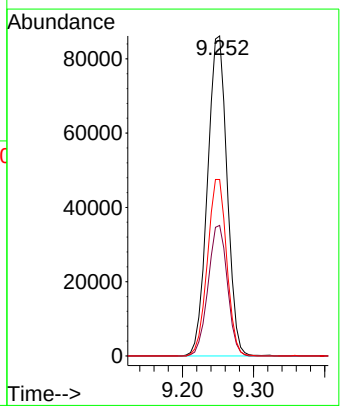


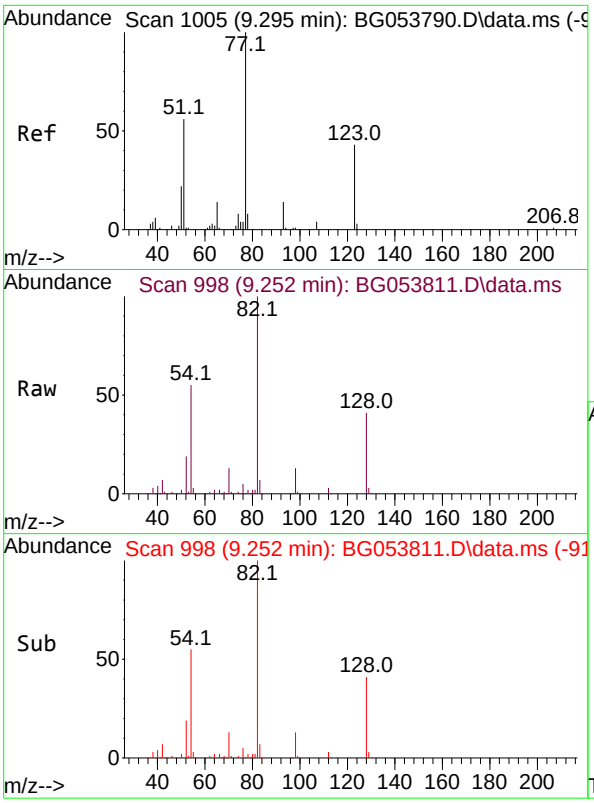


#23
Nitrobenzene-d5
Concen: 92.261 ng
RT: 9.252 min Scan# 998
Delta R.T. -0.001 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Tgt Ion: 82 Resp: 164396

Ion	Ratio	Lower	Upper
82	100		
128	40.8	27.9	41.9
54	55.2	41.2	61.8



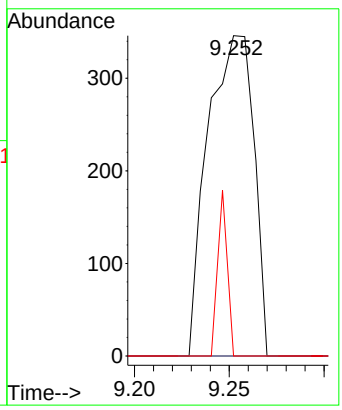


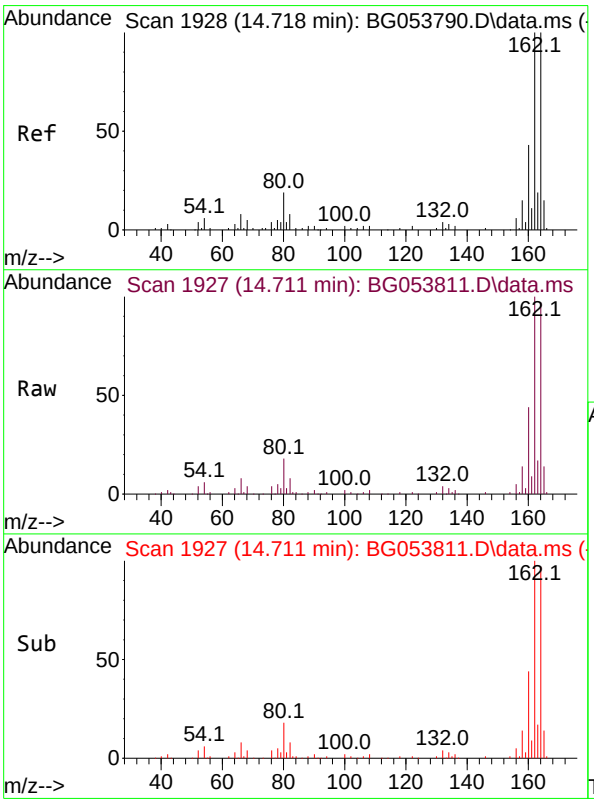
#24
Nitrobenzene
Concen: 3.248 ng
RT: 9.252 min Scan# 9
Delta R.T. -0.043 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Instrument :
BNA_G
ClientSampleId :
P021-SS001-0612-01

Tgt Ion: 77 Resp: 583

Ion	Ratio	Lower	Upper
77	100		
123	0.0	27.4	41.0#
65	0.0	11.4	17.0#

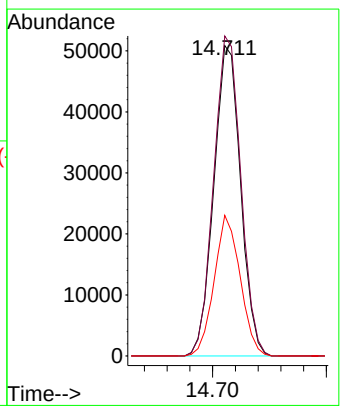


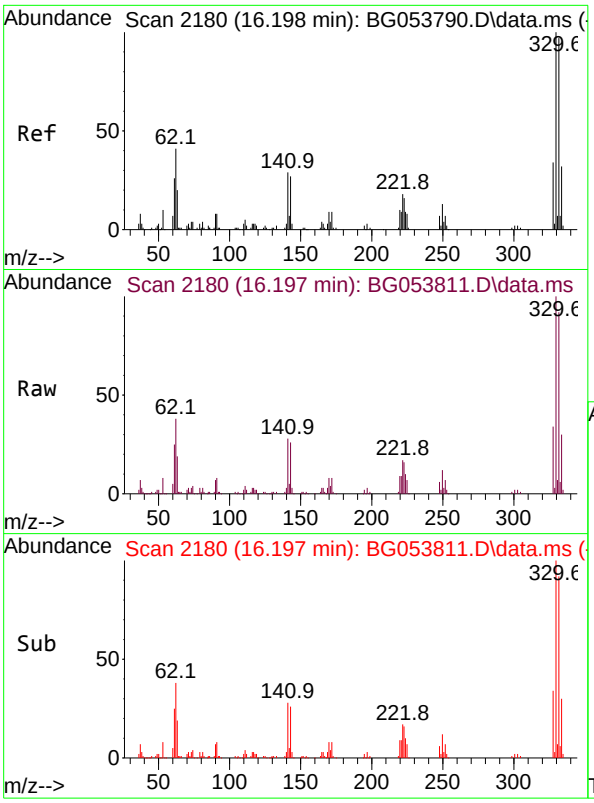


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Tgt Ion:164 Resp: 83037

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.3	123.5
160	45.3	34.2	51.2



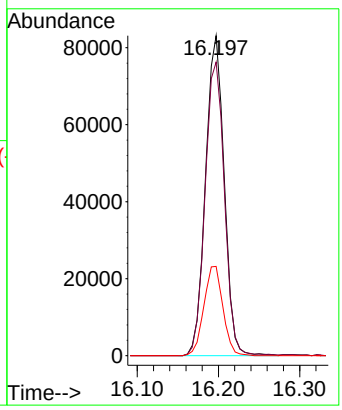


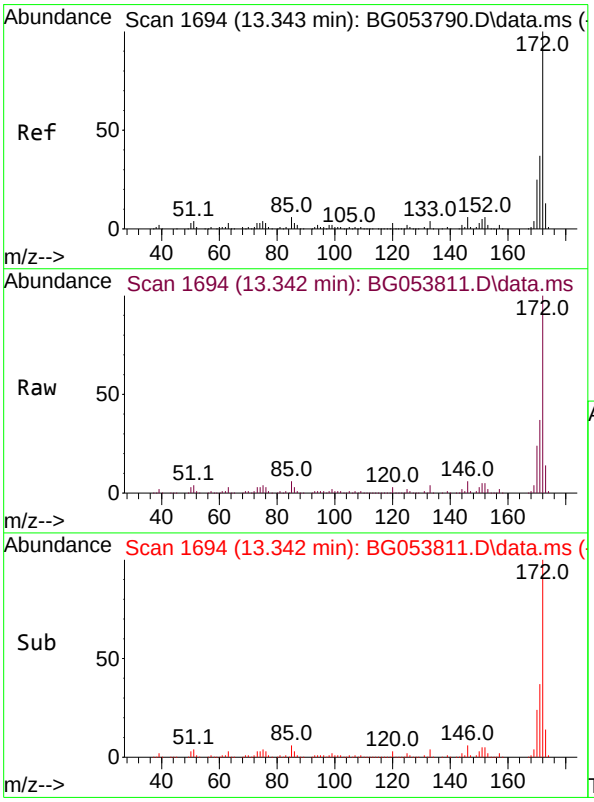
#42
2,4,6-Tribromophenol
Concen: 131.681 ng
RT: 16.197 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Instrument :
BNA_G
ClientSampleId :
P021-SS001-0612-01

Tgt Ion:330 Resp: 132728

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.0	114.0
141	28.5	27.1	40.7

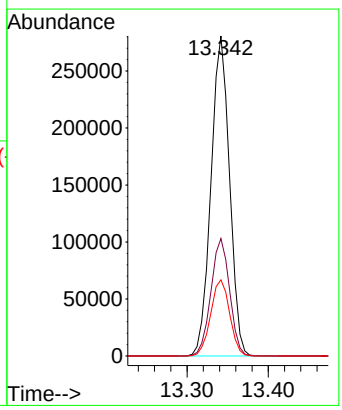


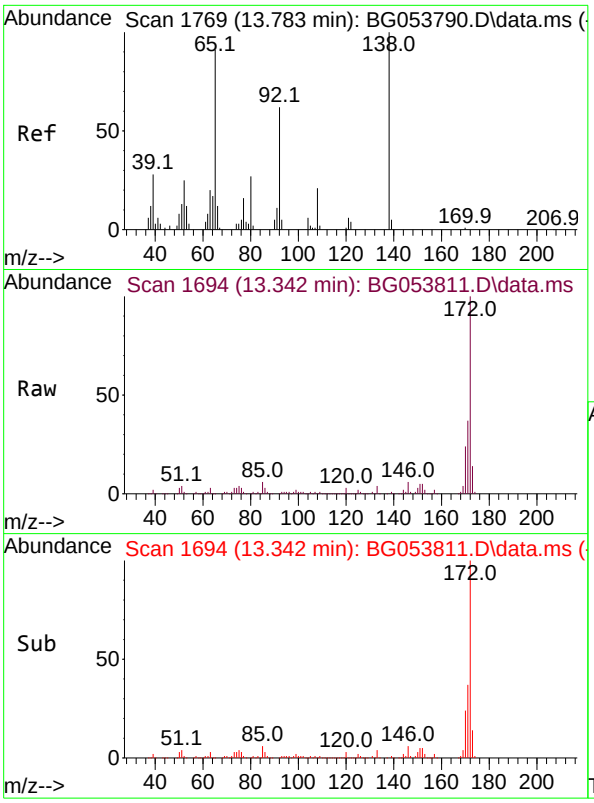


#45
2-Fluorobiphenyl
Concen: 80.172 ng
RT: 13.342 min Scan# 1694
Delta R.T. -0.001 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Tgt Ion:172 Resp: 445000

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.5	42.7
170	23.8	18.9	28.3



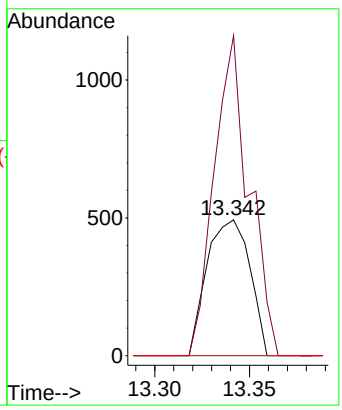


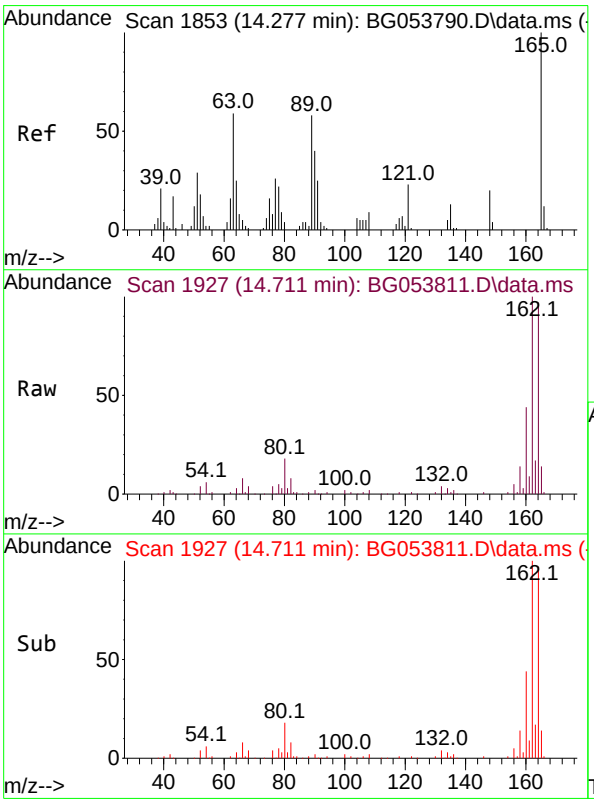
#48
2-Nitroaniline
Concen: 5.635 ng
RT: 13.342 min Scan# 1
Delta R.T. -0.441 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Instrument :
BNA_G
ClientSampleId :
P021-SS001-0612-01

Tgt Ion: 65 Resp: 777

Ion	Ratio	Lower	Upper
65	100		
92	235.5	51.5	77.3#
138	0.0	71.3	106.9#

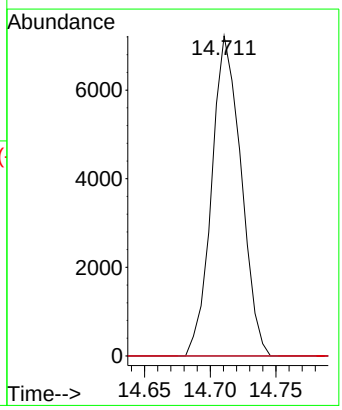


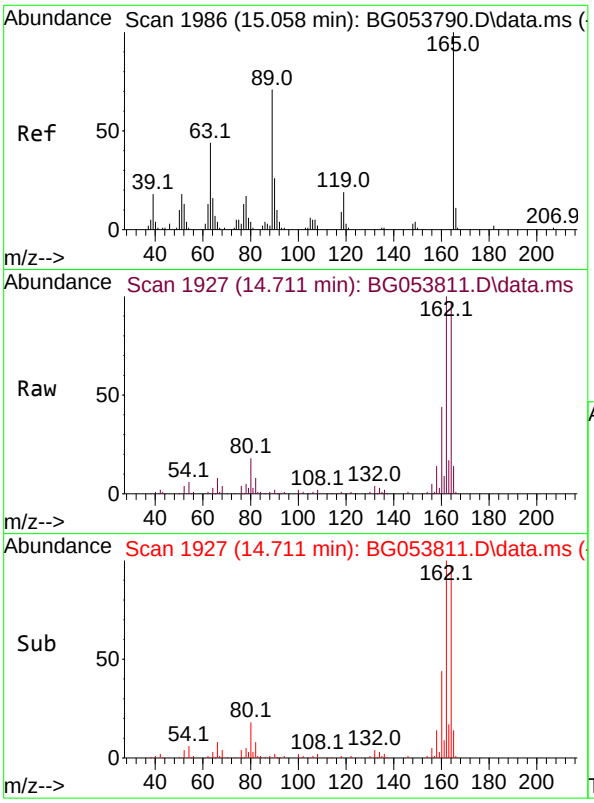


#51
2,6-Dinitrotoluene
Concen: 13.481 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.434 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Tgt Ion:165 Resp: 11248

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



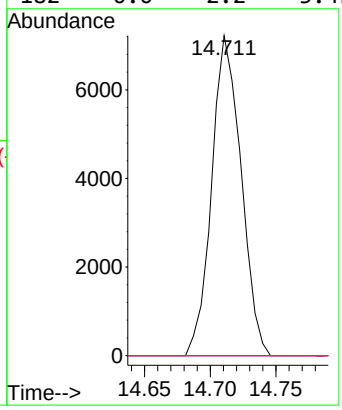


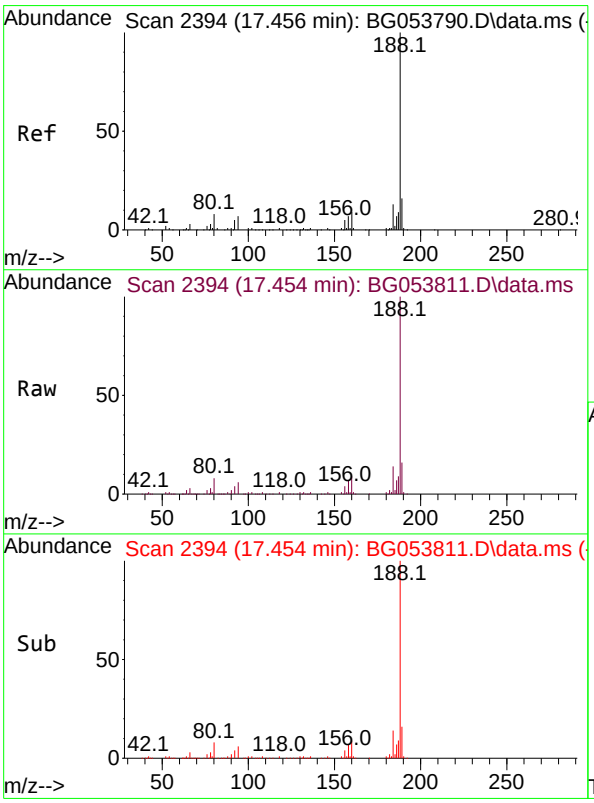
#57
2,4-Dinitrotoluene
Concen: 11.271 ng
RT: 14.711 min Scan# 1
Delta R.T. -0.347 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Instrument :
BNA_G
ClientSampleId :
P021-SS001-0612-01

Tgt Ion:165 Resp: 11248

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#

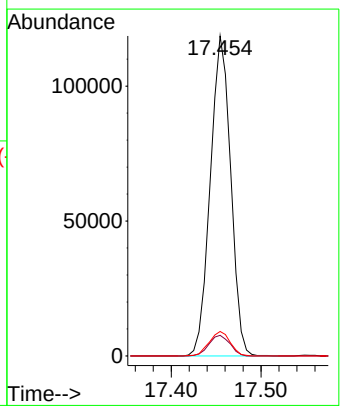


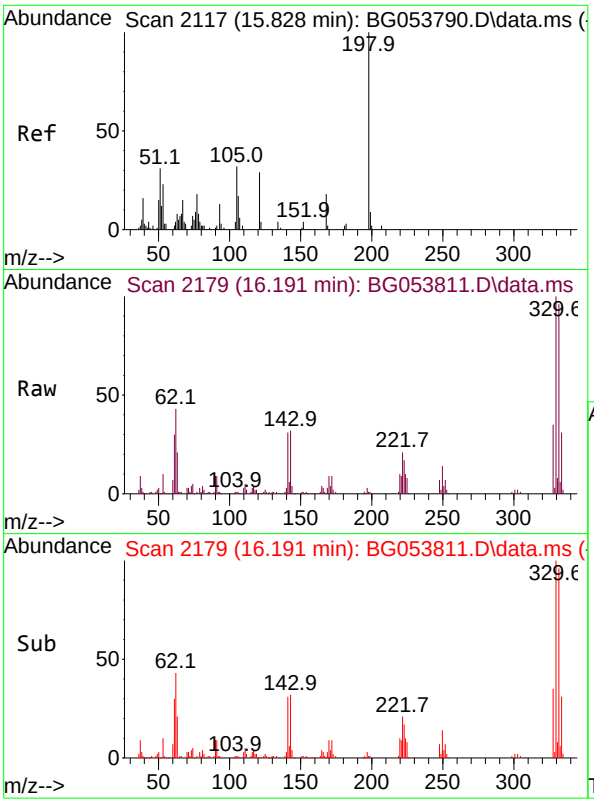


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2394
Delta R.T. -0.002 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Tgt Ion:188 Resp: 186985

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.0
80	7.7	6.8	10.2



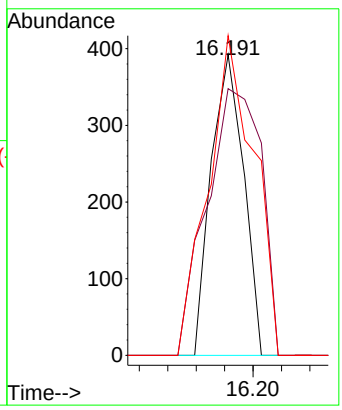


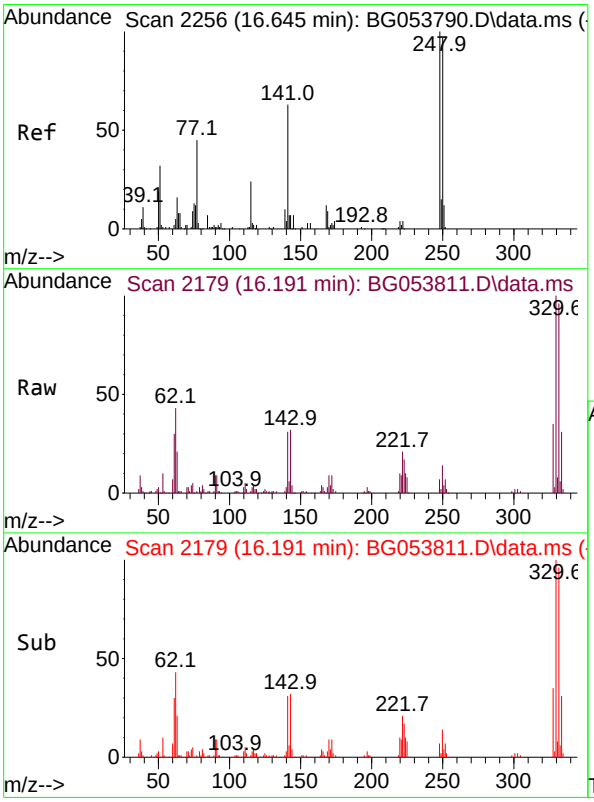
#65
4,6-Dinitro-2-methylphenol
Concen: 5.987 ng
RT: 16.191 min Scan# 21
Delta R.T. 0.363 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Instrument :
BNA_G
ClientSampleId :
P021-SS001-0612-01

Tgt Ion:198 Resp: 311

Ion	Ratio	Lower	Upper
198	100		
51	23.1	28.1	68.1#
105	27.7	20.3	60.3

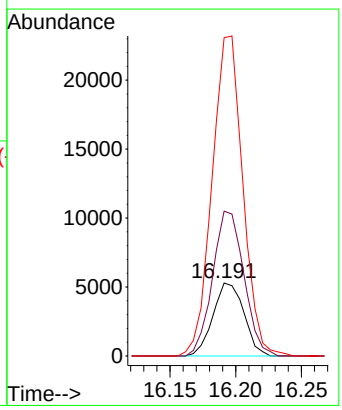


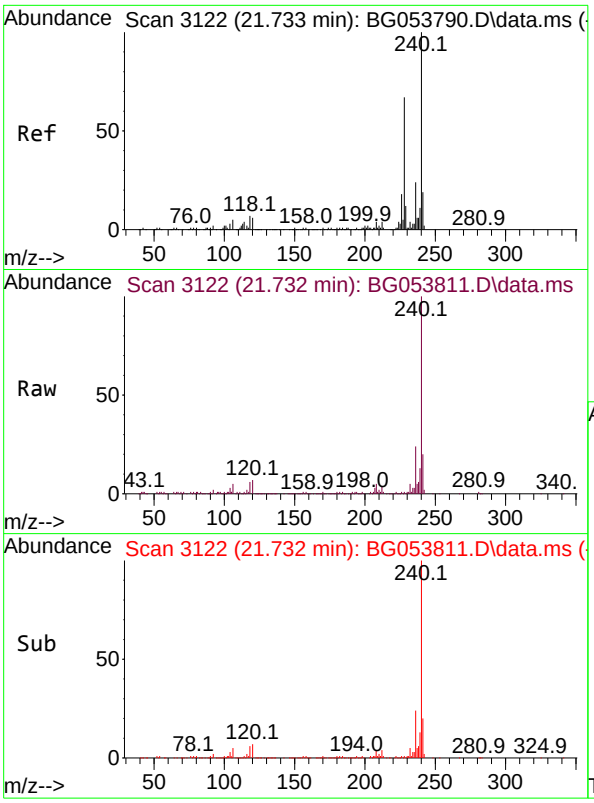


#67
4-Bromophenyl-phenylether
Concen: 4.260 ng
RT: 16.191 min Scan# 2179
Delta R.T. -0.454 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Tgt Ion:248 Resp: 8654

Ion	Ratio	Lower	Upper
248	100		
250	193.8	75.2	112.8#
141	331.9	50.0	75.0#



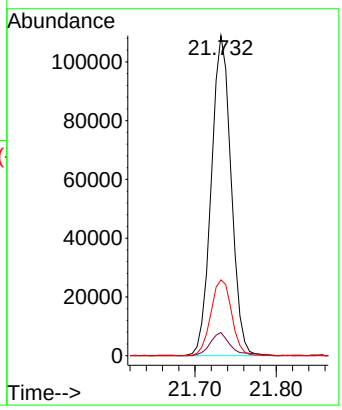


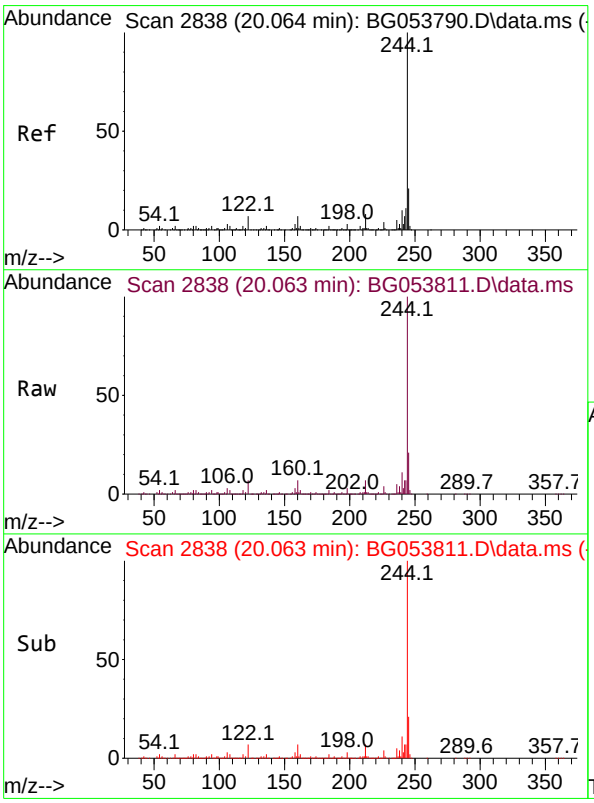
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Instrument :
BNA_G
ClientSampleId :
P021-SS001-0612-01

Tgt Ion:240 Resp: 184894

Ion	Ratio	Lower	Upper
240	100		
120	7.2	4.6	7.0#
236	23.7	20.2	30.4

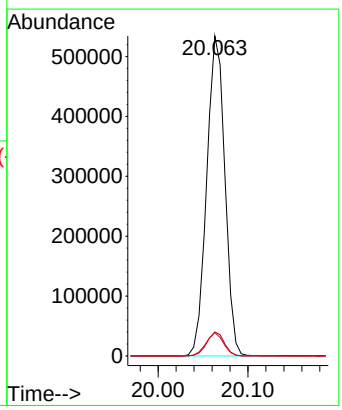


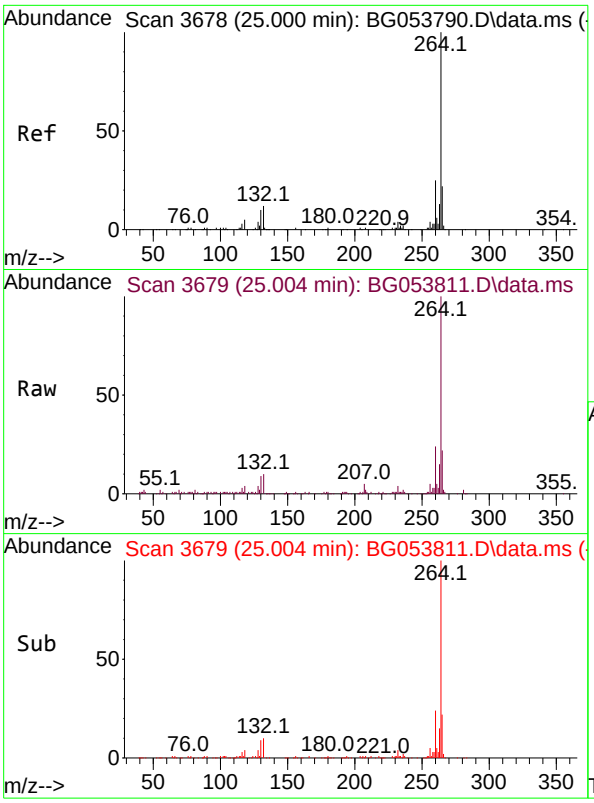


#79
Terphenyl-d14
Concen: 80.761 ng
RT: 20.063 min Scan# 2838
Delta R.T. -0.001 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Tgt Ion:244 Resp: 750591

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	7.3	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.004 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG053811.D
Acq: 3 Jun 2022 13:40

Instrument :
BNA_G
ClientSampleId :
P021-SS001-0612-01

Tgt Ion:264 Resp: 186462

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.2	17.4	26.2