Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060541.D
Acq On : 1 Feb 2024 20:21
Operator : MA/JU
Sample : PB158743TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158743TB

Quant Time: Feb 02 00:42:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	113582	20.000	ng	0.00
21) Naphthalene-d8	10.724	136	434166	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	337354	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	990343	20.000	ng	0.00
76) Chrysene-d12	21.570	240	1063491	20.000	ng	0.00
86) Perylene-d12	24.731	264	1216248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	942347	136.462	ng	0.00
7) Phenol-d6	7.087	99	1343912	131.427	ng	0.00
23) Nitrobenzene-d5	9.084	82	826728	89.915	ng	0.00
42) 2,4,6-Tribromophenol	16.053	330	798413	160.858	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	2159385	88.993	ng	0.00
79) Terphenyl-d14	19.930	244	4521408	135.308	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.084	70	103890	14.680	ng	# 82
32) Benzoic acid	10.259	122	105	10.221	ng	# 24
51) 2,6-Dinitrotoluene	14.560	165	43077	7.831	ng	# 34
54) 2,4-Dinitrophenol	14.648	184	64	8.604	ng	# 27
57) 2,4-Dinitrotoluene	14.560	165	43077	5.711	ng	# 26
67) 4-Bromophenyl-phenylether	16.053	248	52409	4.816	ng	# 1
77) Benzidine	19.925	184	70008	3.030	ng	# 92

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

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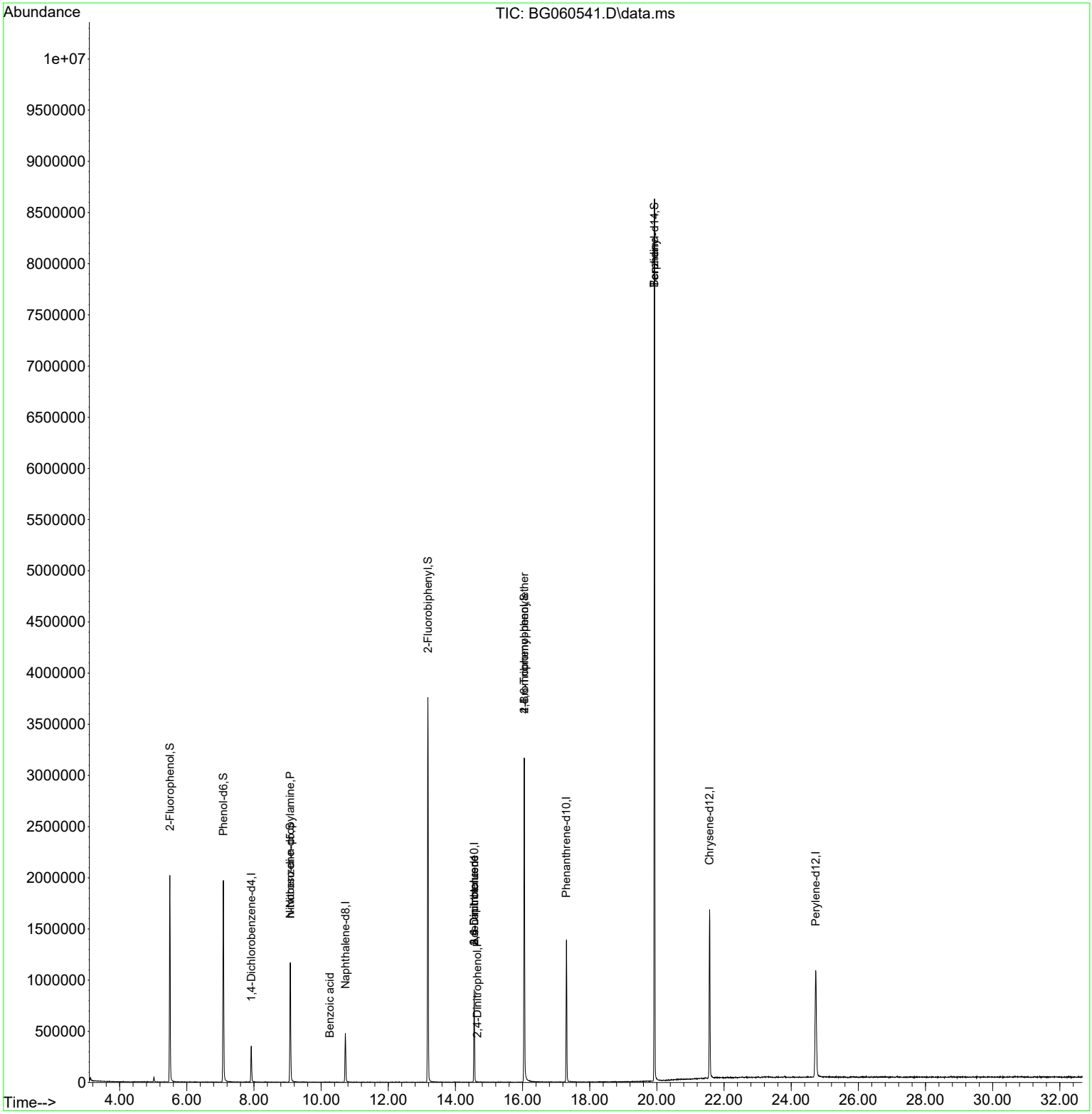
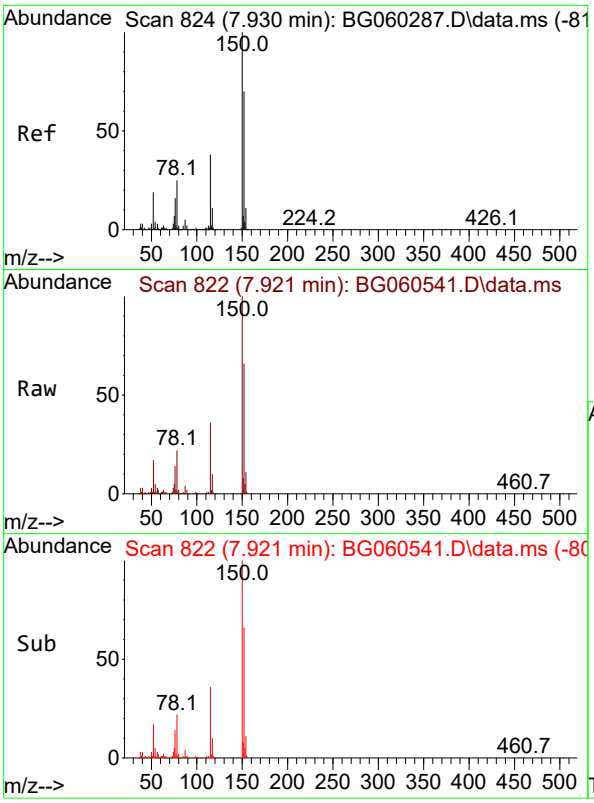


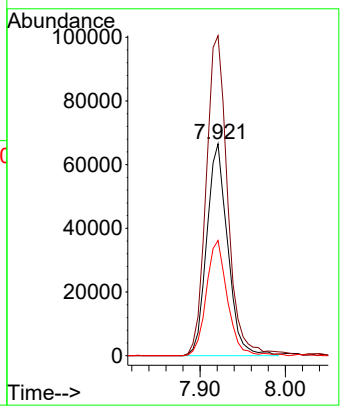


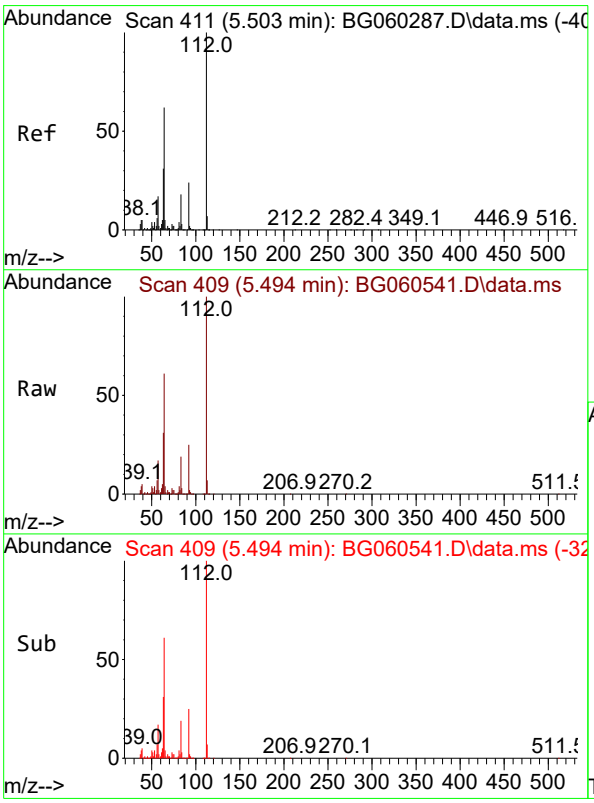
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 8
Delta R.T. -0.009 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Instrument :
BNA_G
ClientSampleId :
PB158743TB

Tgt Ion:152 Resp: 113582

Ion	Ratio	Lower	Upper
152	100		
150	151.0	114.5	171.7
115	54.3	43.0	64.6

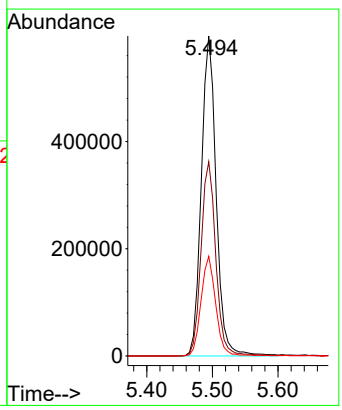


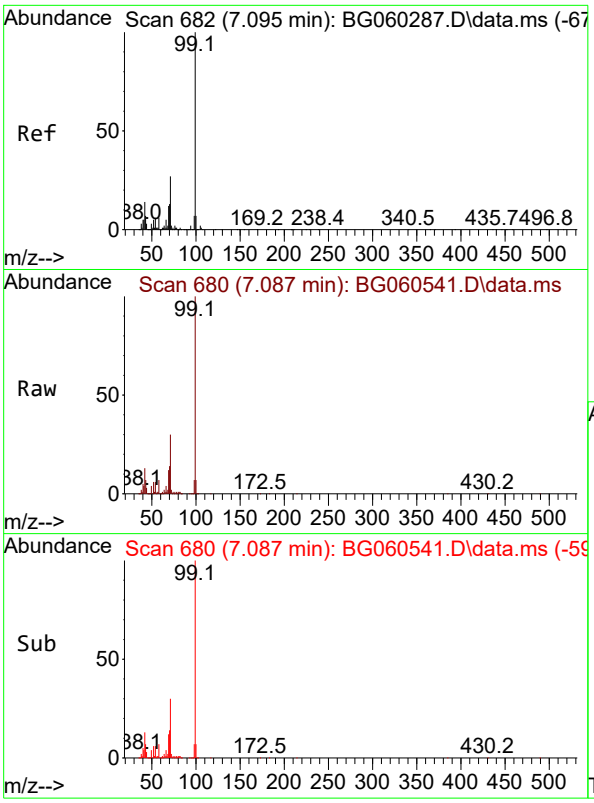


#5
2-Fluorophenol
Concen: 136.462 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.009 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Tgt Ion:112 Resp: 942347

Ion	Ratio	Lower	Upper
112	100		
64	60.7	49.8	74.6
63	31.2	24.4	36.6



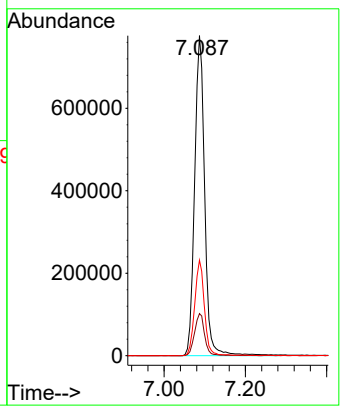


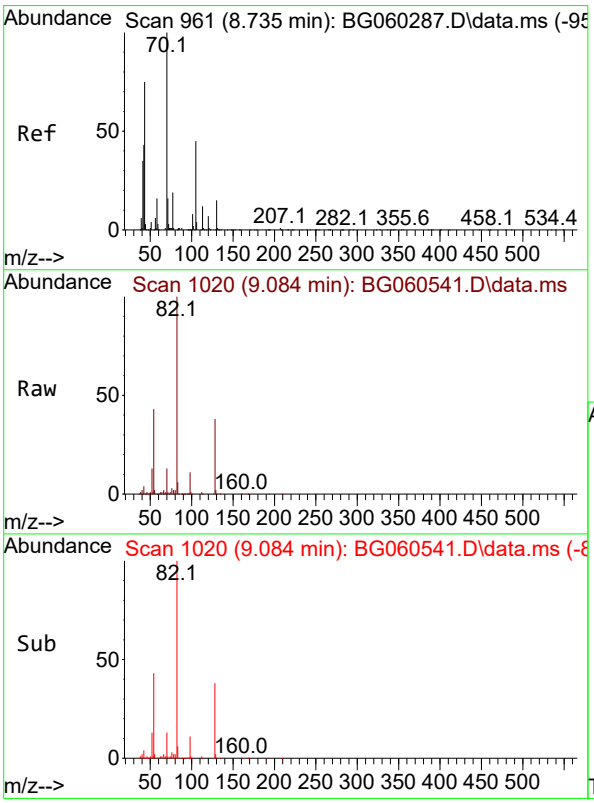
#7
Phenol-d6
Concen: 131.427 ng
RT: 7.087 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Instrument :
BNA_G
ClientSampleId :
PB158743TB

Tgt Ion: 99 Resp: 1343912

Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.9	16.3
71	29.9	21.5	32.3

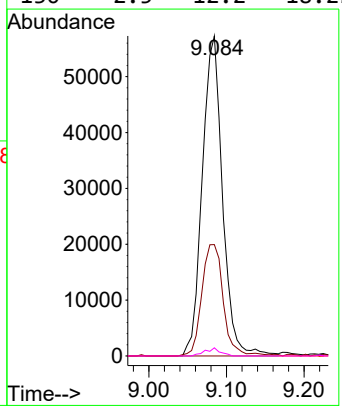


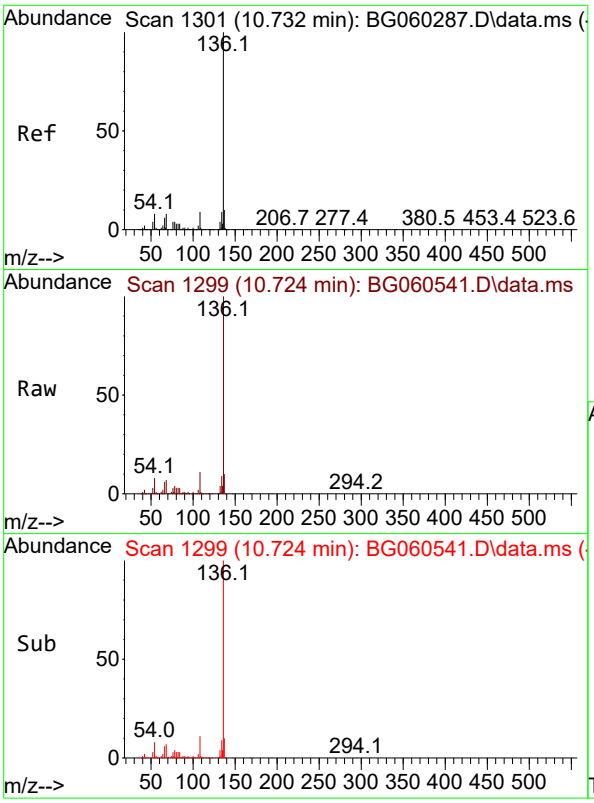


#19
n-Nitroso-di-n-propylamine
Concen: 14.680 ng
RT: 9.084 min Scan# 1020
Delta R.T. 0.350 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Tgt Ion: 70 Resp: 103890

Ion	Ratio	Lower	Upper
70	100		
42	34.8	34.3	51.5
101	0.0	6.2	9.2#
130	2.5	12.2	18.2#



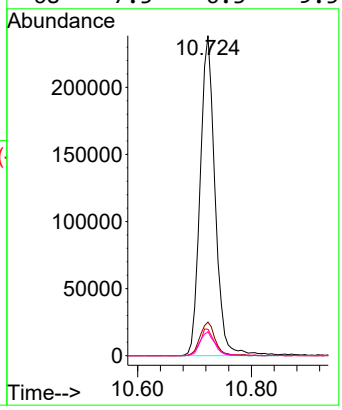


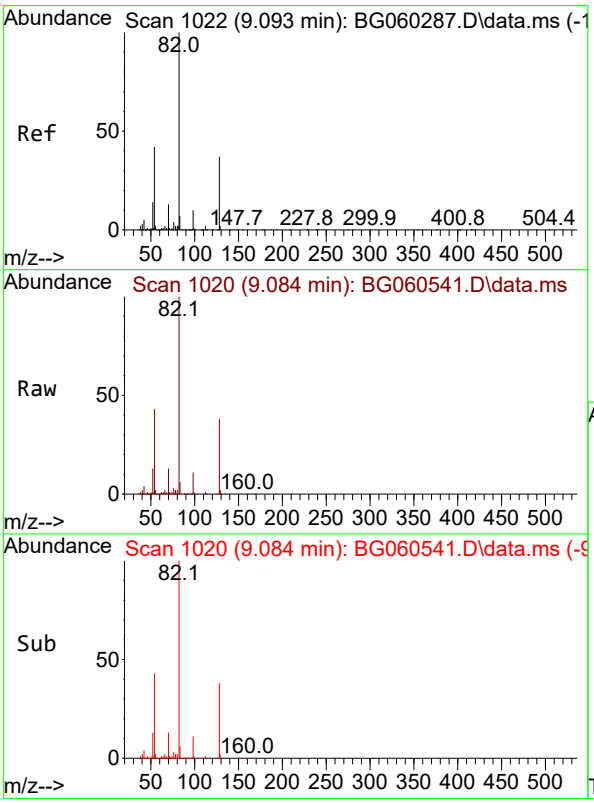
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.724 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Instrument :
BNA_G
ClientSampleId :
PB158743TB

Tgt Ion:136 Resp: 434166

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	8.3	6.2	9.2
68	7.5	6.3	9.5

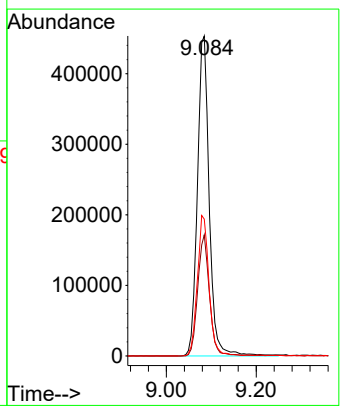


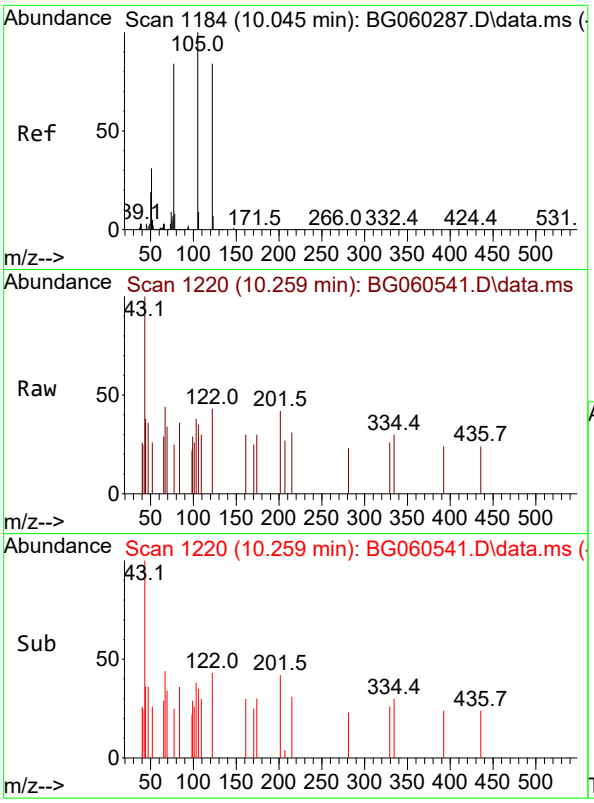


#23
Nitrobenzene-d5
Concen: 89.915 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Tgt Ion: 82 Resp: 826728

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.6	44.4
54	42.7	33.6	50.4



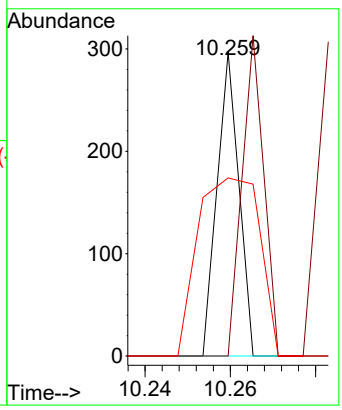


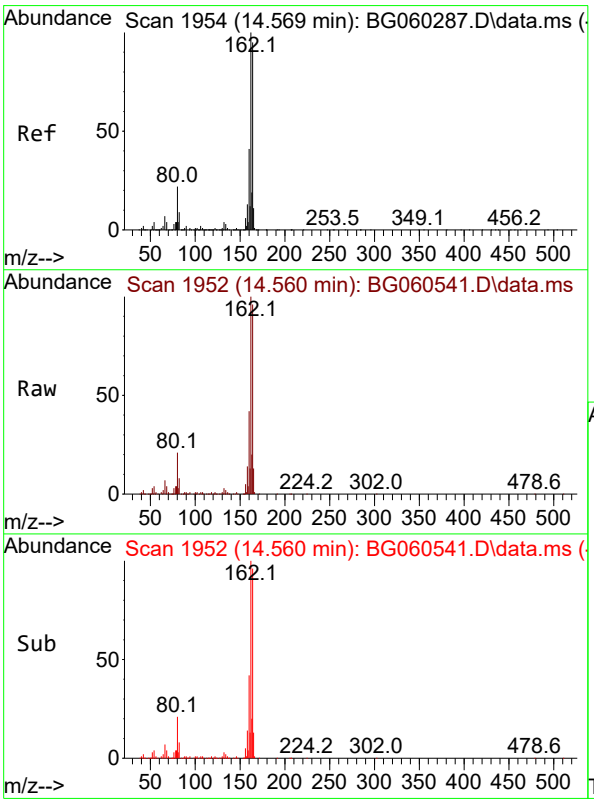
#32
Benzoic acid
Concen: 10.221 ng
RT: 10.259 min Scan# 1
Delta R.T. 0.214 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Instrument :
BNA_G
ClientSampleId :
PB158743TB

Tgt Ion:122 Resp: 105

Ion	Ratio	Lower	Upper
122	100		
105	0.0	96.0	136.0#
77	58.6	80.1	120.1#

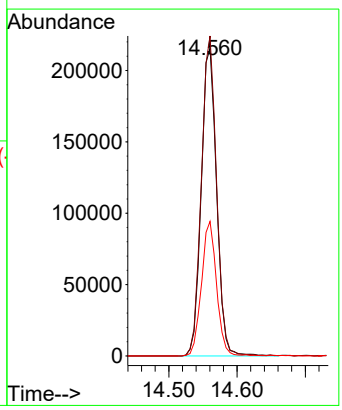


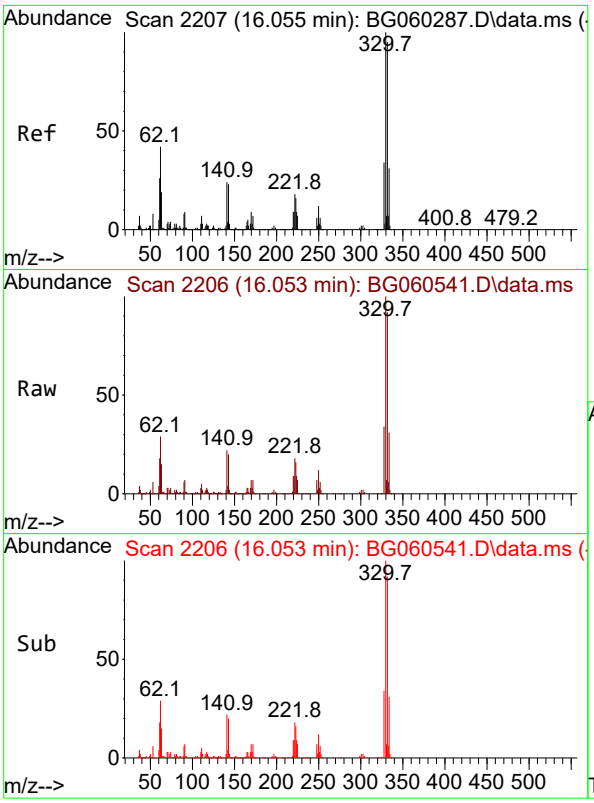


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Tgt Ion:164 Resp: 337354

Ion	Ratio	Lower	Upper
164	100		
162	104.0	84.4	126.6
160	43.7	34.6	52.0



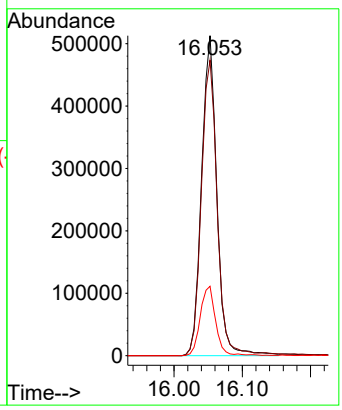


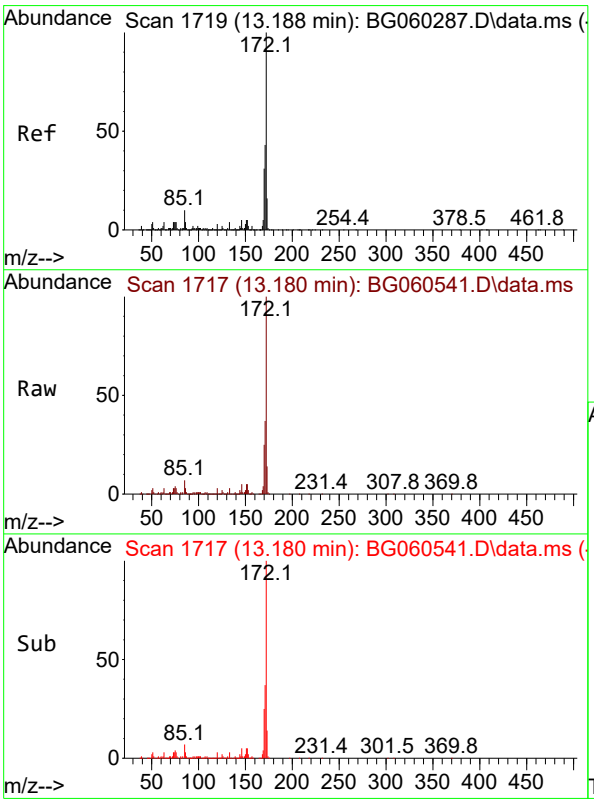
#42
2,4,6-Tribromophenol
Concen: 160.858 ng
RT: 16.053 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Instrument :
BNA_G
ClientSampleId :
PB158743TB

Tgt Ion:330 Resp: 798413

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.7	115.1
141	22.0	18.6	28.0

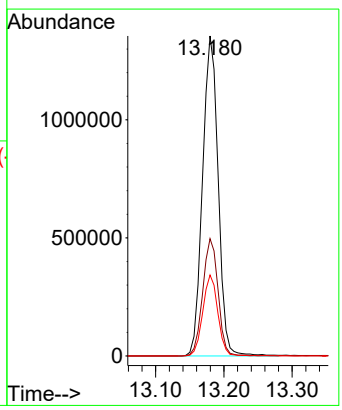


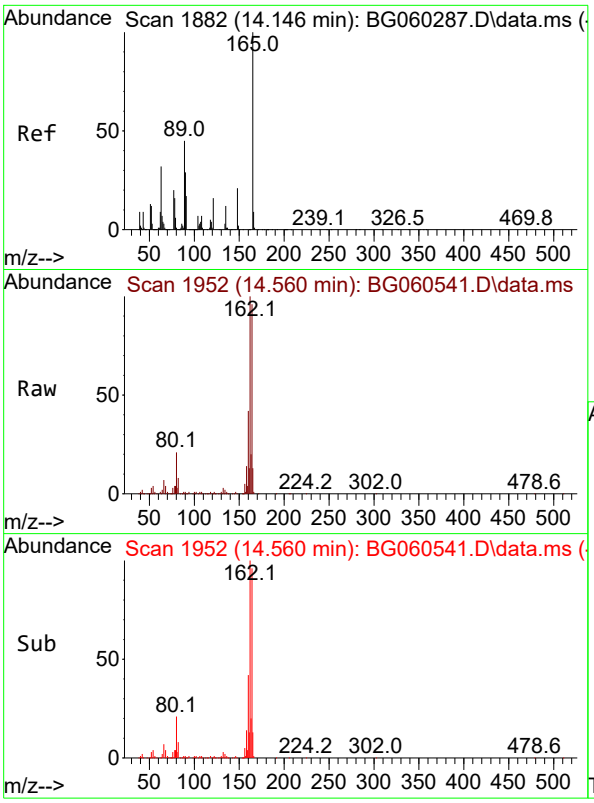


#45
2-Fluorobiphenyl
Concen: 88.993 ng
RT: 13.180 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Tgt Ion:172 Resp: 2159385

Ion	Ratio	Lower	Upper
172	100		
171	36.7	34.6	51.8
170	25.3	24.4	36.6



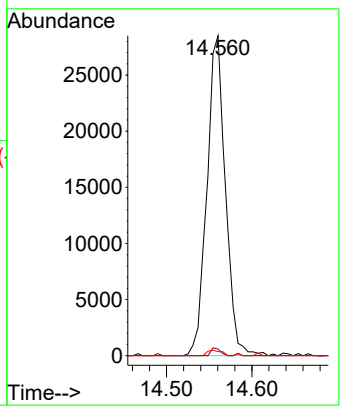


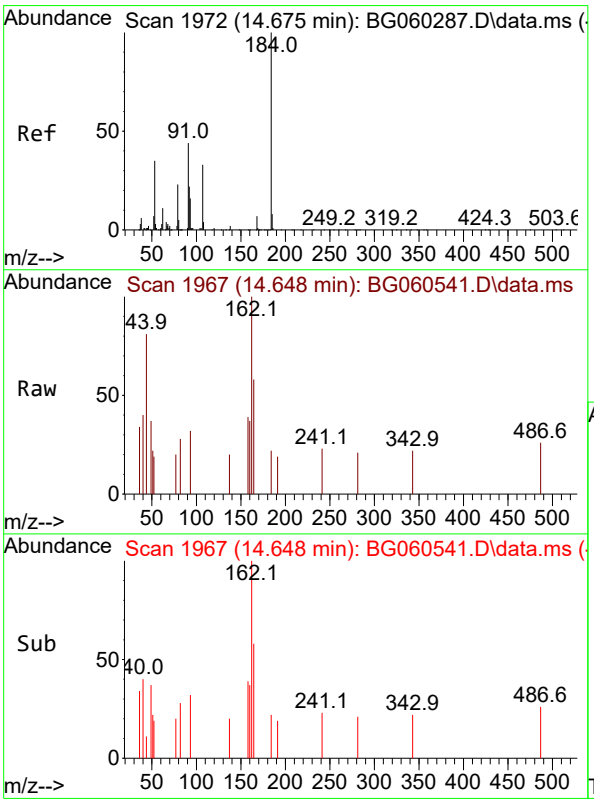
#51
2,6-Dinitrotoluene
Concen: 7.831 ng
RT: 14.560 min Scan# 1
Delta R.T. 0.414 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Instrument :
BNA_G
ClientSampleId :
PB158743TB

Tgt Ion:165 Resp: 43077

Ion	Ratio	Lower	Upper
165	100		
63	2.0	35.0	52.4#
89	1.3	36.2	54.2#

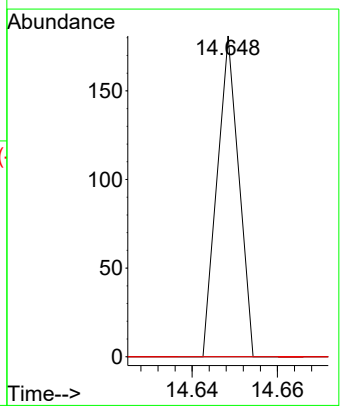


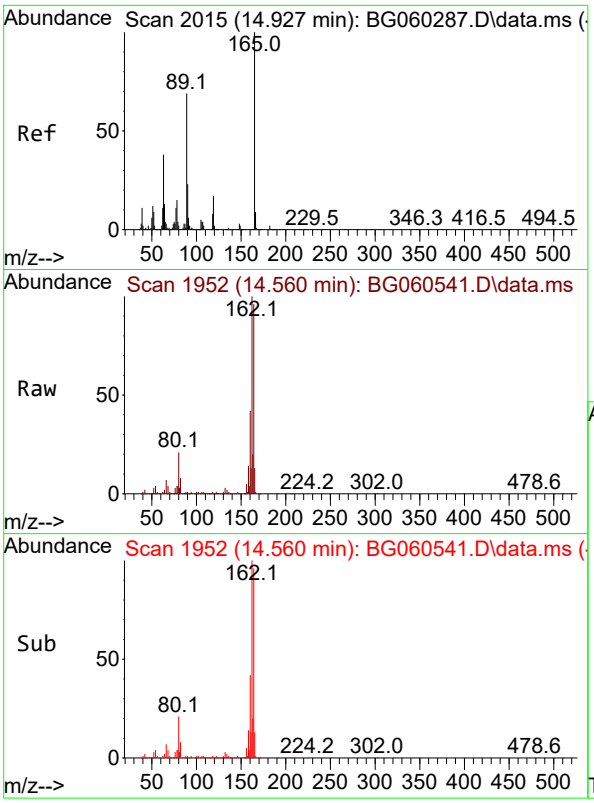


#54
2,4-Dinitrophenol
Concen: 8.604 ng
RT: 14.648 min Scan# 1967
Delta R.T. -0.027 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Tgt Ion:184 Resp: 64

Ion	Ratio	Lower	Upper
184	100		
63	0.0	41.0	61.4#
154	0.0	39.2	58.8#



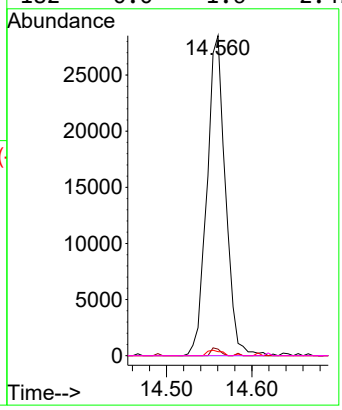


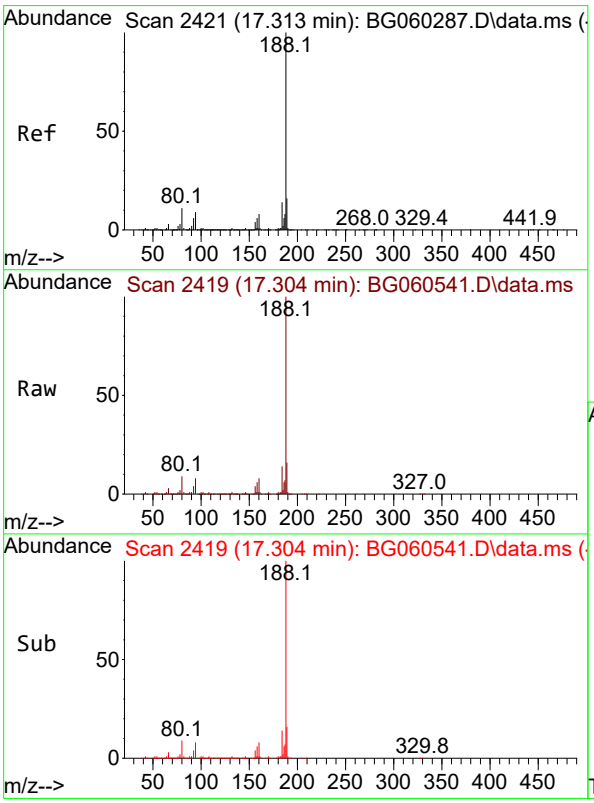
#57
2,4-Dinitrotoluene
Concen: 5.711 ng
RT: 14.560 min Scan# 1
Delta R.T. -0.367 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Instrument :
BNA_G
ClientSampleId :
PB158743TB

Tgt Ion:165 Resp: 43077

Ion	Ratio	Lower	Upper
165	100		
63	2.0	30.4	45.6#
89	1.3	55.4	83.0#
182	0.0	1.6	2.4#

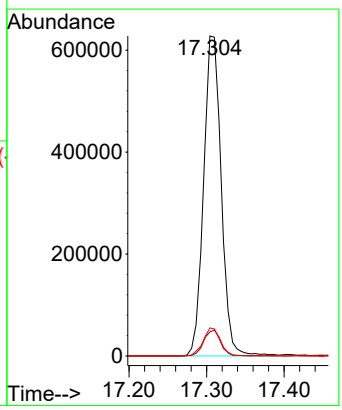


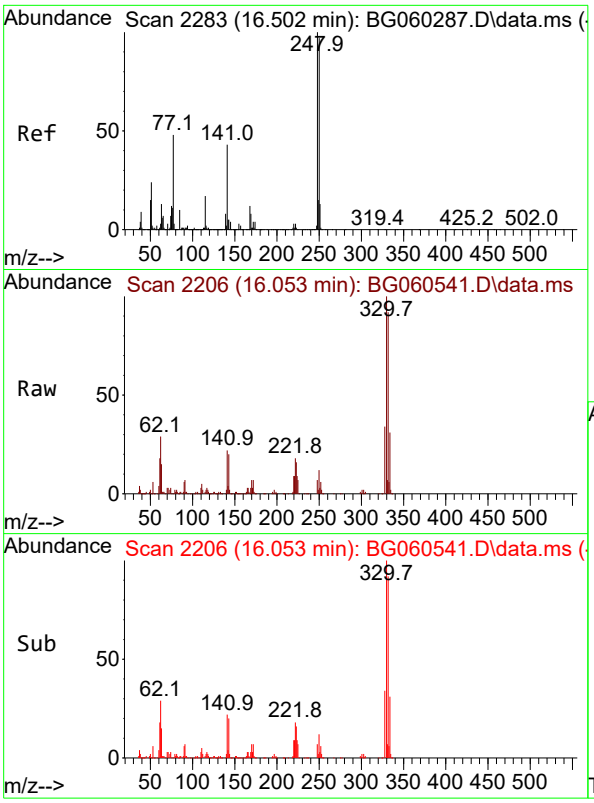


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Tgt Ion:188 Resp: 990343

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.1	10.7
80	8.7	8.5	12.7



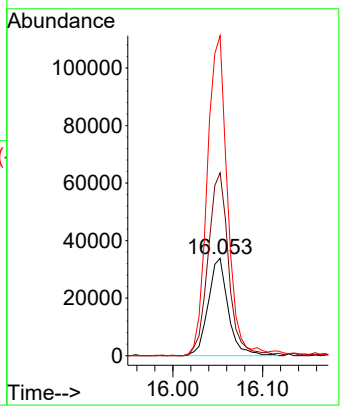


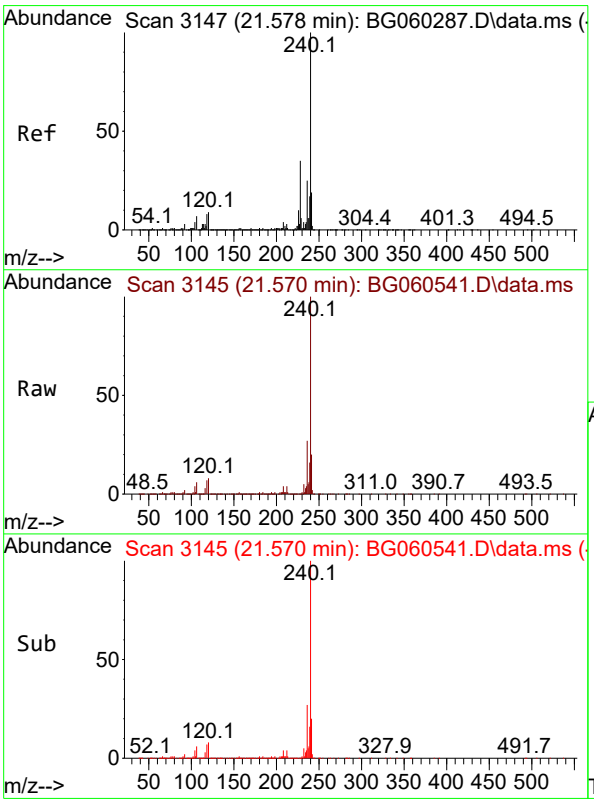
#67
4-Bromophenyl-phenylether
Concen: 4.816 ng
RT: 16.053 min Scan# 2
Delta R.T. -0.449 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Instrument :
BNA_G
ClientSampleId :
PB158743TB

Tgt Ion:248 Resp: 52409

Ion	Ratio	Lower	Upper
248	100		
250	188.1	77.6	116.4#
141	329.1	34.2	51.4#

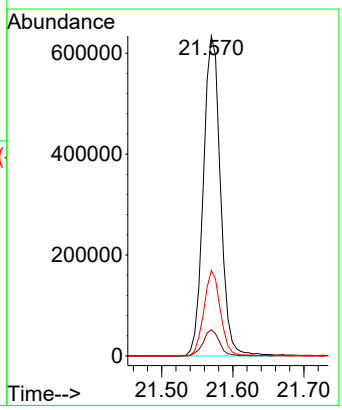


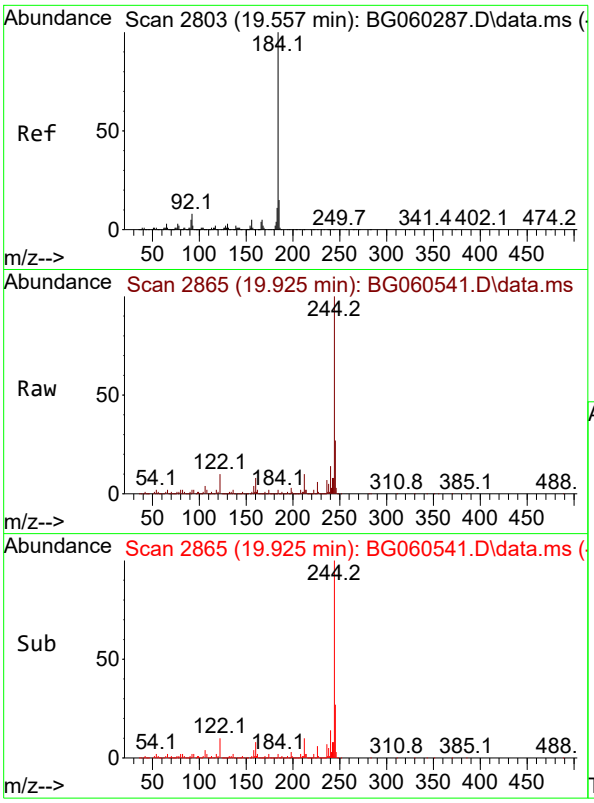


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.570 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Tgt Ion:240 Resp: 1063491

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.3	10.9
236	26.7	20.3	30.5



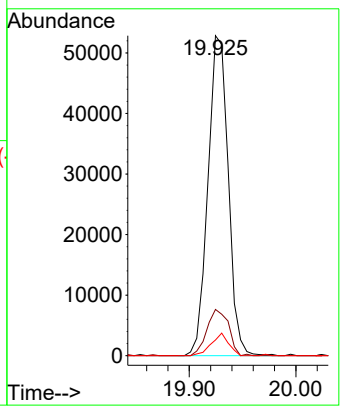


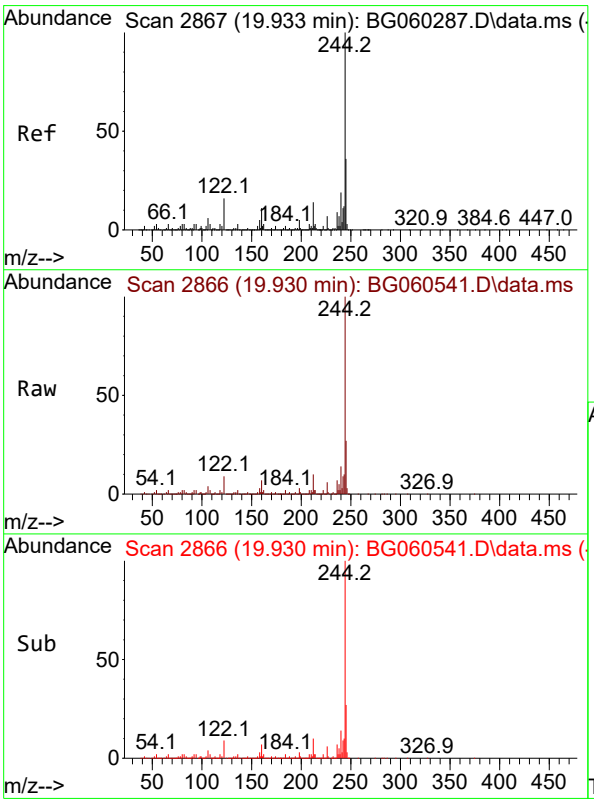
#77
Benzidine
Concen: 3.030 ng
RT: 19.925 min Scan# 2
Delta R.T. 0.367 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Instrument :
BNA_G
ClientSampleId :
PB158743TB

Tgt Ion:184 Resp: 70008

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.2	18.4
183	4.9	9.0	13.4#

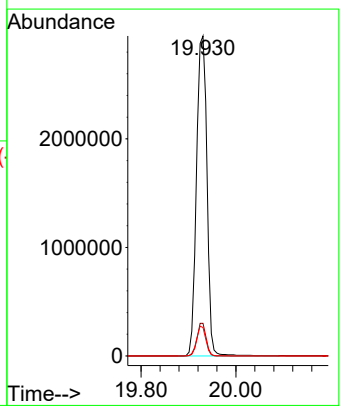


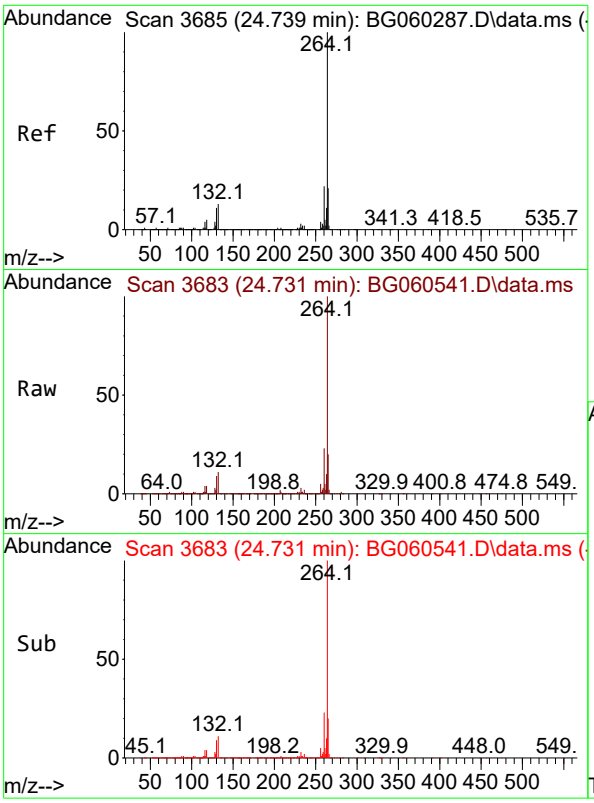


#79
Terphenyl-d14
Concen: 135.308 ng
RT: 19.930 min Scan# 2866
Delta R.T. -0.003 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Tgt Ion:244 Resp: 4521408

Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.9	16.3#
122	8.9	12.6	18.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.731 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG060541.D
Acq: 1 Feb 2024 20:21

Instrument :
BNA_G
ClientSampleId :
PB158743TB

Tgt Ion:264 Resp: 1216248

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.8	26.6
265	20.4	16.8	25.2