Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010824\
Data File : BG060292.D
Acq On : 8 Jan 2024 21:55
Operator : MA/JU
Sample : PB158292BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158292BL

Quant Time: Jan 09 04:21:49 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	7.931	152	282284	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	1005976	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	768704	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2031432	20.000	ng	0.00
76) Chrysene-d12	21.574	240	2050589	20.000	ng	0.00
86) Perylene-d12	24.735	264	2237168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	2707135	157.737	ng	0.00
7) Phenol-d6	7.097	99	3342848	131.539	ng	0.00
23) Nitrobenzene-d5	9.095	82	2051934	96.317	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1490163	131.758	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	4737544	85.686	ng	0.00
79) Terphenyl-d14	19.935	244	6543071	78.042	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.095	70	249865	14.206	ng	# 83
32) Benzoic acid	10.023	122	104	10.209	ng	# 1
51) 2,6-Dinitrotoluene	14.565	165	102313	8.162	ng	# 33
54) 2,4-Dinitrophenol	14.765	184	80	8.596	ng	# 49
57) 2,4-Dinitrotoluene	14.565	165	102383	5.956	ng	# 26
67) 4-Bromophenyl-phenylether	16.057	248	94157	4.218	ng	# 1
77) Benzidine	19.935	184	143629	3.224	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010824\
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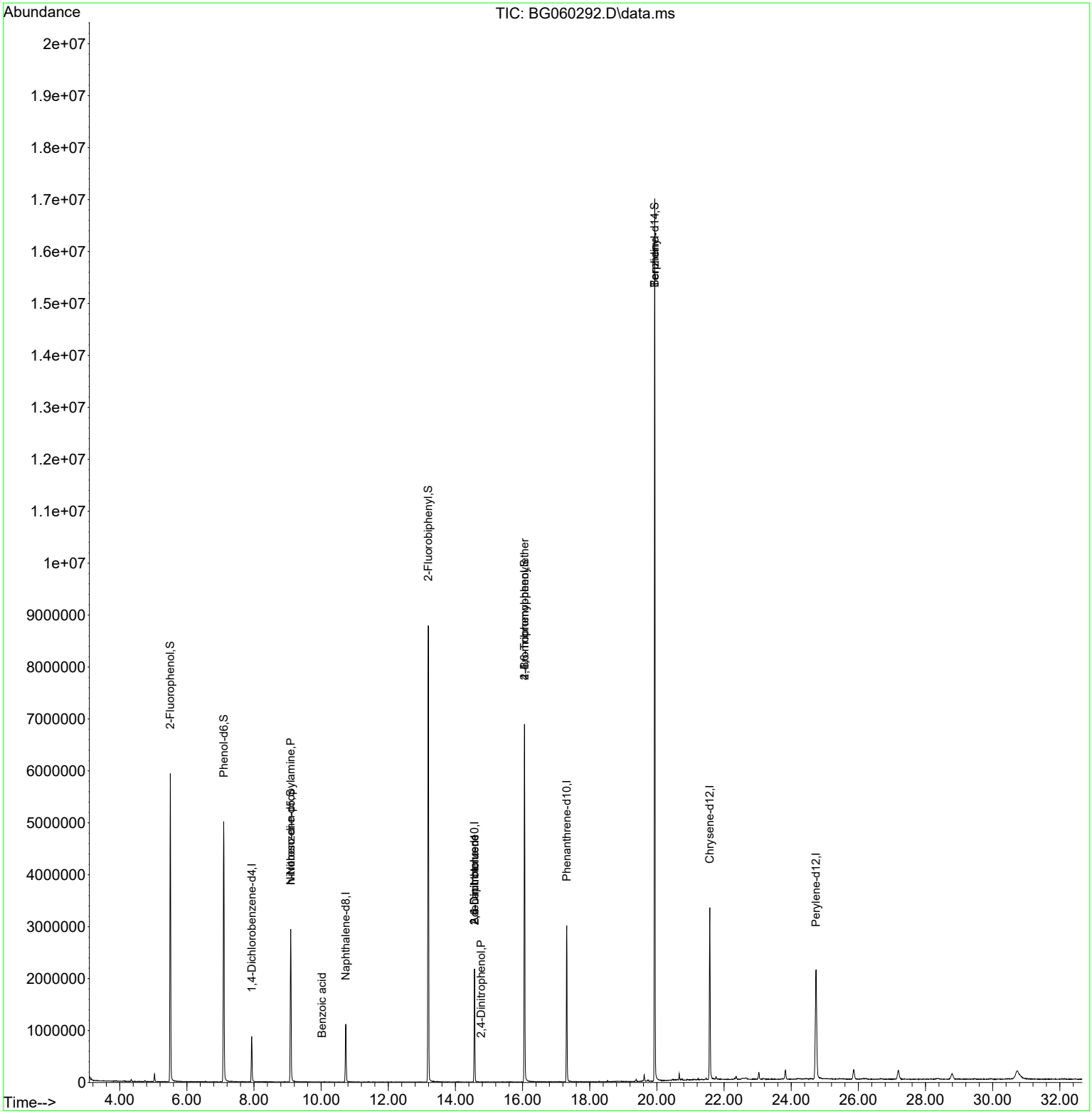
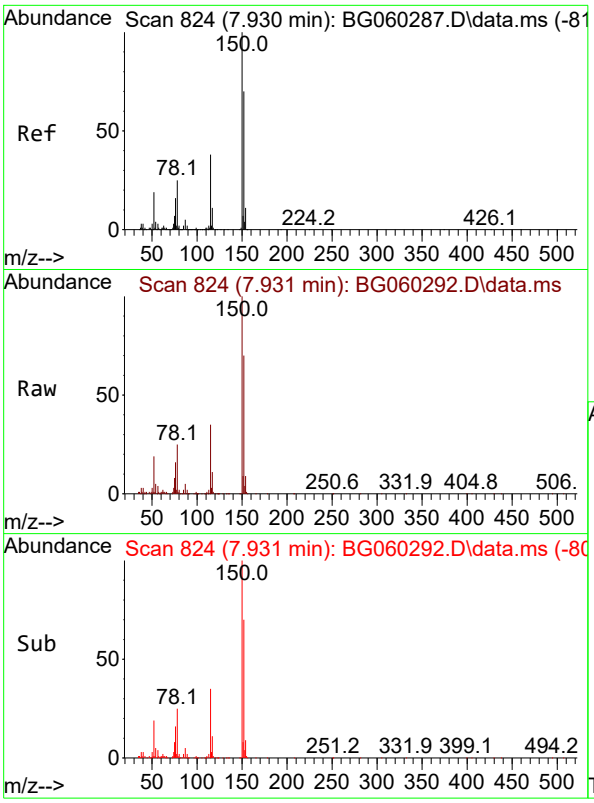


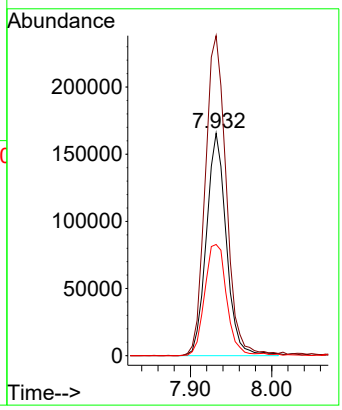


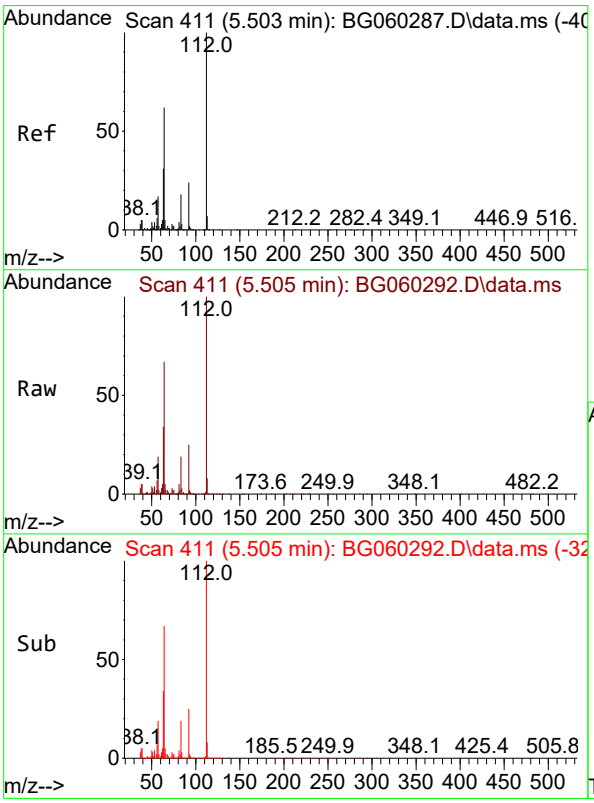
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Instrument :
BNA_G
ClientSampleId :
PB158292BL

Tgt Ion:152 Resp: 282284

Ion	Ratio	Lower	Upper
152	100		
150	143.9	114.5	171.7
115	50.0	43.0	64.6

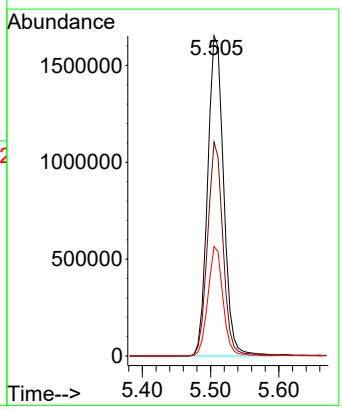


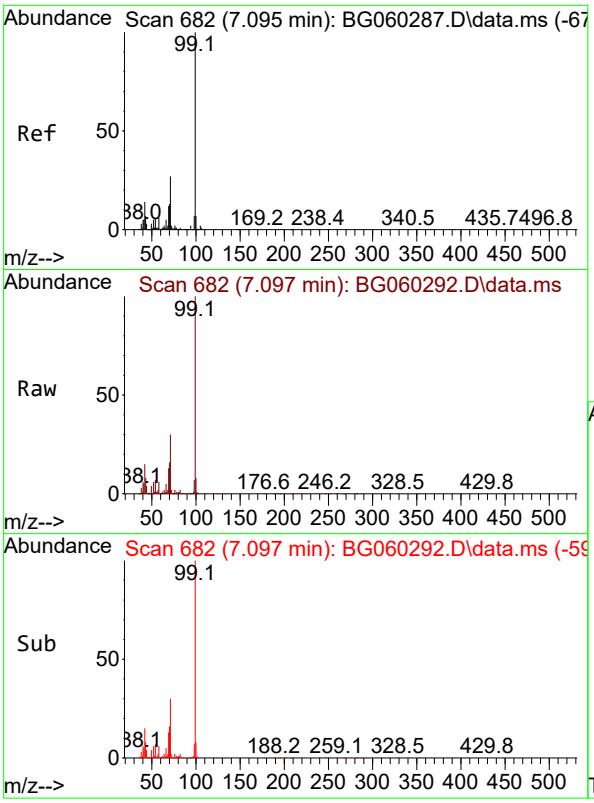


#5
2-Fluorophenol
Concen: 157.737 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion:112 Resp: 2707135

Ion	Ratio	Lower	Upper
112	100		
64	66.8	49.8	74.6
63	34.2	24.4	36.6



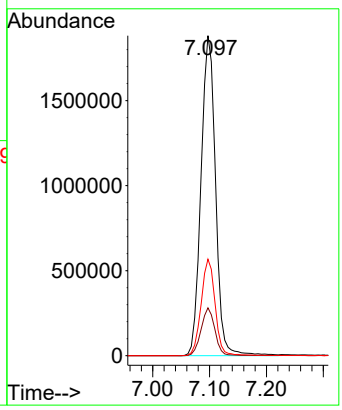


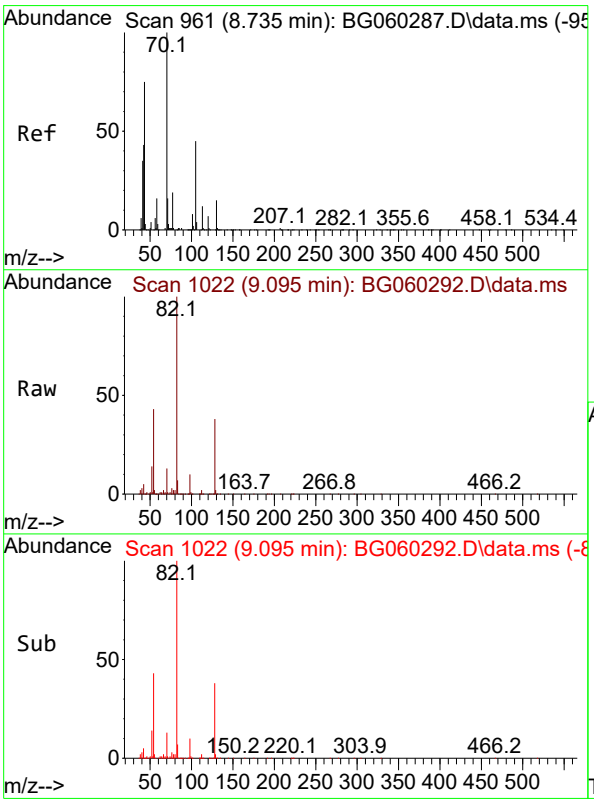
#7
Phenol-d6
Concen: 131.539 ng
RT: 7.097 min Scan# 6
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Instrument :
BNA_G
ClientSampleId :
PB158292BL

Tgt Ion: 99 Resp: 3342848

Ion	Ratio	Lower	Upper
99	100		
42	15.0	10.9	16.3
71	30.2	21.5	32.3

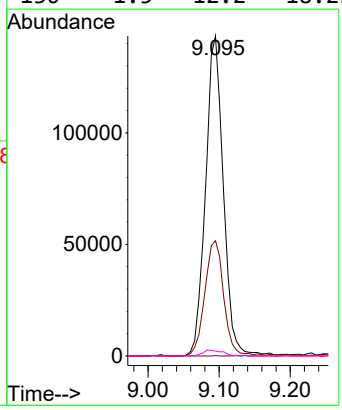


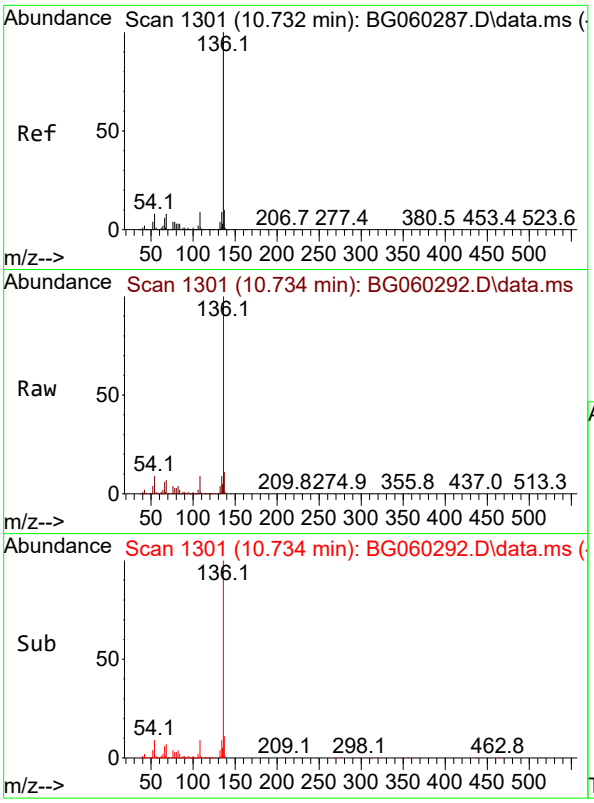


#19
n-Nitroso-di-n-propylamine
Concen: 14.206 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.360 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion: 70 Resp: 249865

Ion	Ratio	Lower	Upper
70	100		
42	36.0	34.3	51.5
101	0.2	6.2	9.2#
130	1.5	12.2	18.2#



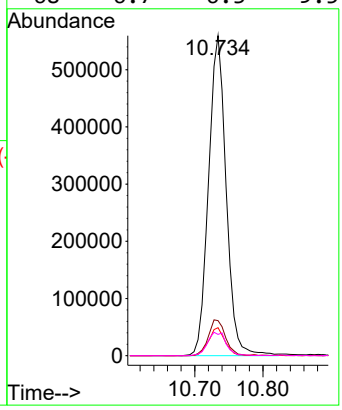


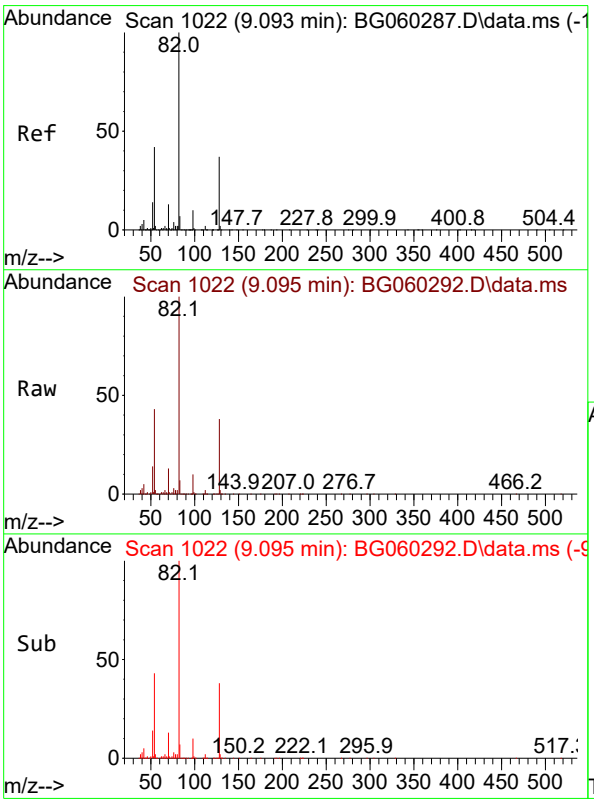
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Instrument :
BNA_G
ClientSampleId :
PB158292BL

Tgt Ion:136 Resp: 1005976

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	8.8	6.2	9.2
68	6.7	6.3	9.5

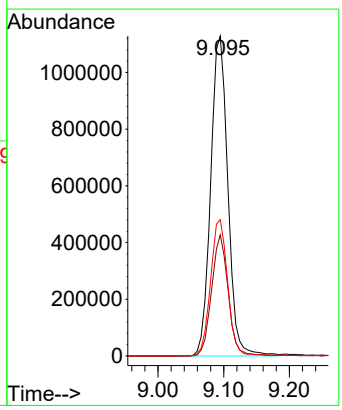


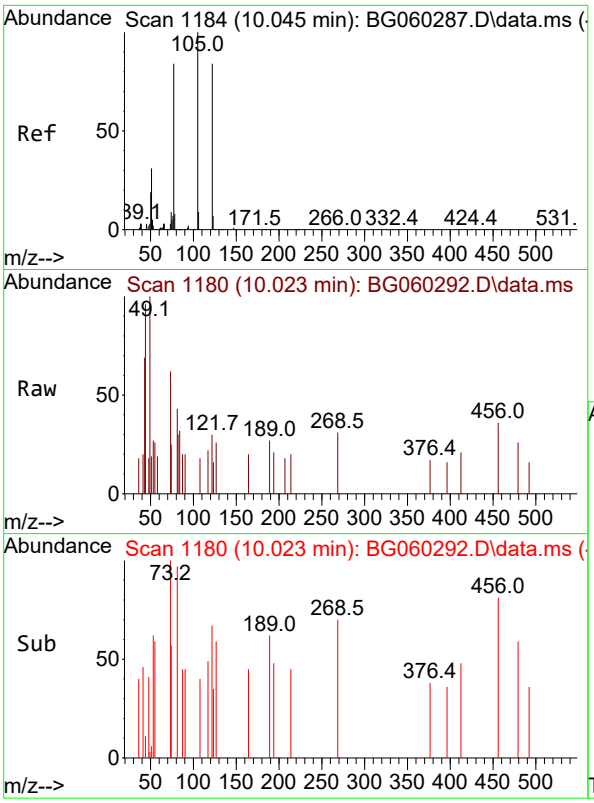


#23
Nitrobenzene-d5
Concen: 96.317 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion: 82 Resp: 2051934

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.6	44.4
54	42.6	33.6	50.4



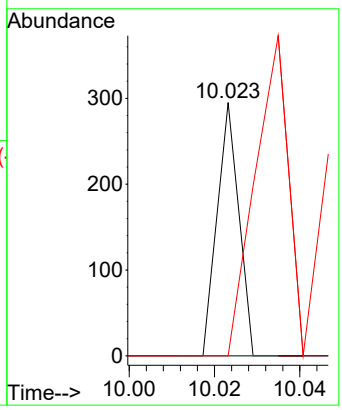


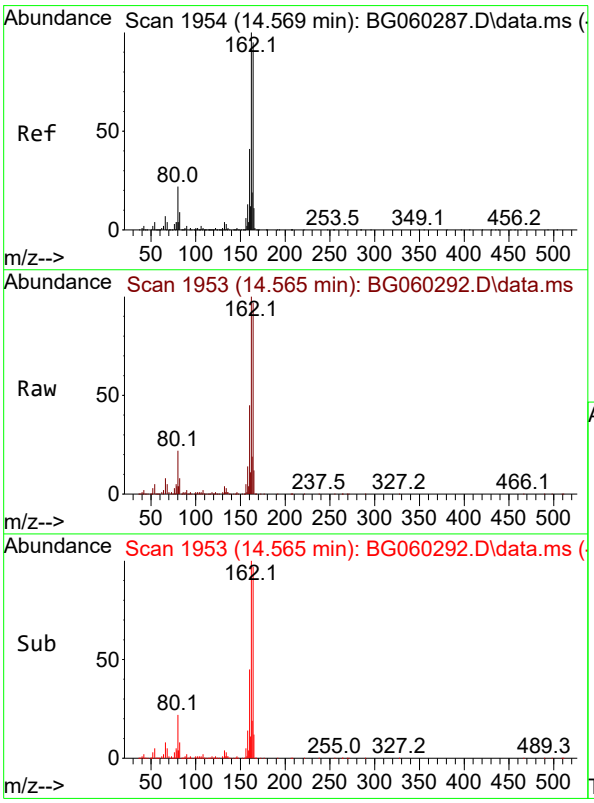
#32
Benzoic acid
Concen: 10.209 ng
RT: 10.023 min Scan# 11
Delta R.T. -0.022 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Instrument :
BNA_G
ClientSampleId :
PB158292BL

Tgt Ion:122 Resp: 104

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

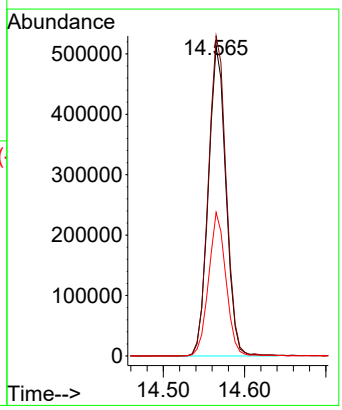


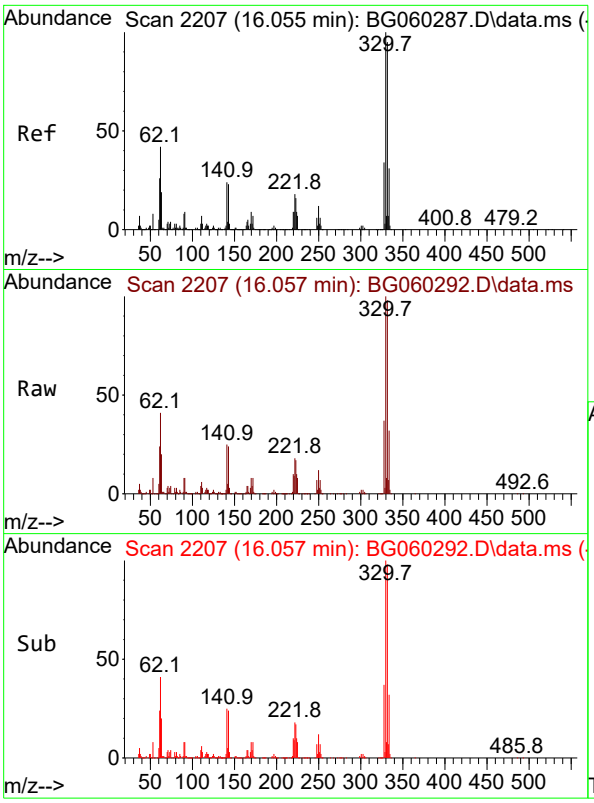


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion:164 Resp: 768704

Ion	Ratio	Lower	Upper
164	100		
162	103.4	84.4	126.6
160	46.4	34.6	52.0



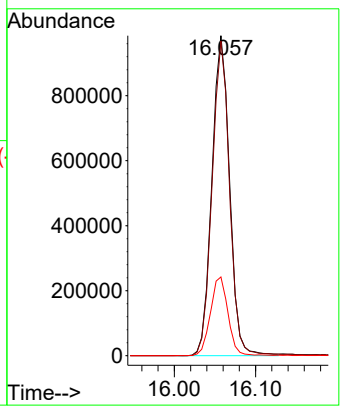


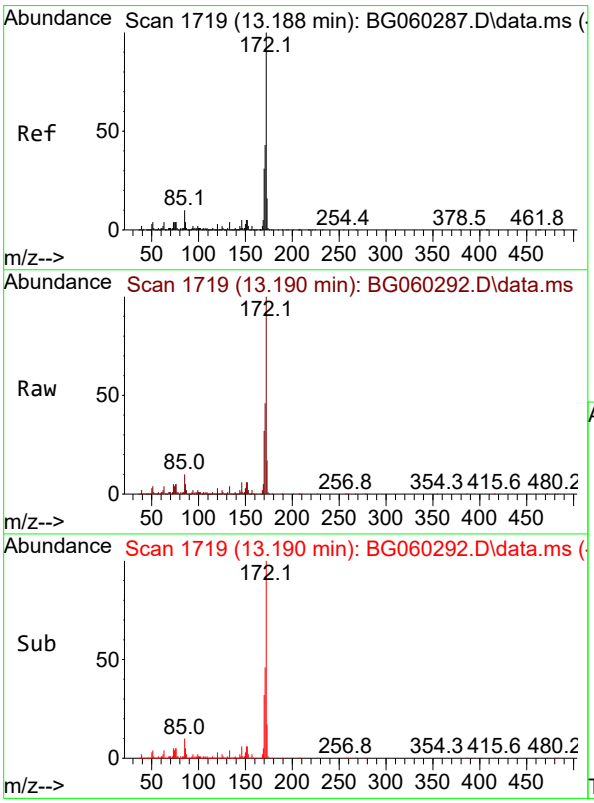
#42
2,4,6-Tribromophenol
Concen: 131.758 ng
RT: 16.057 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Instrument :
BNA_G
ClientSampleId :
PB158292BL

Tgt Ion:330 Resp: 1490163

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.7	115.1
141	24.6	18.6	28.0

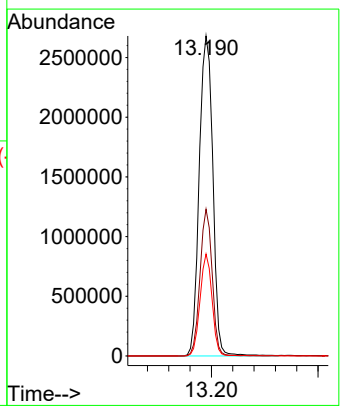


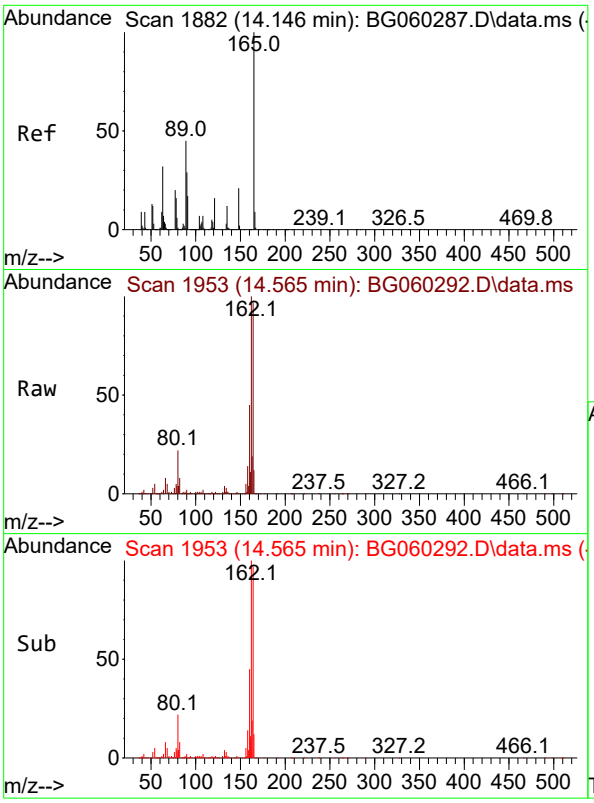


#45
2-Fluorobiphenyl
Concen: 85.686 ng
RT: 13.190 min Scan# 1719
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion:172 Resp: 4737544

Ion	Ratio	Lower	Upper
172	100		
171	45.8	34.6	51.8
170	31.8	24.4	36.6



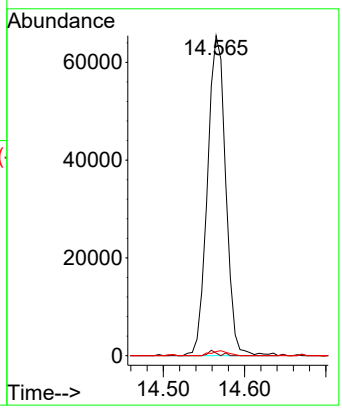


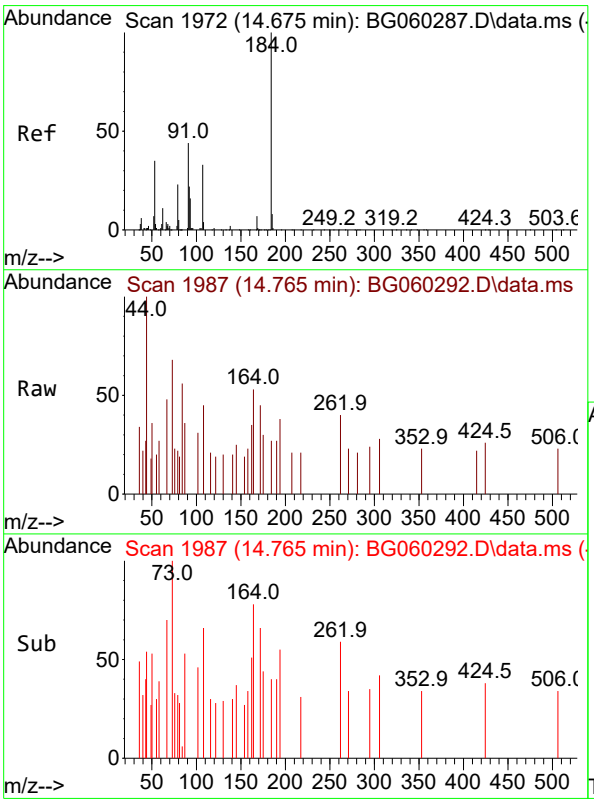
#51
2,6-Dinitrotoluene
Concen: 8.162 ng
RT: 14.565 min Scan# 1
Delta R.T. 0.419 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Instrument :
BNA_G
ClientSampleId :
PB158292BL

Tgt Ion:165 Resp: 102313

Ion	Ratio	Lower	Upper
165	100		
63	0.8	35.0	52.4#
89	1.3	36.2	54.2#

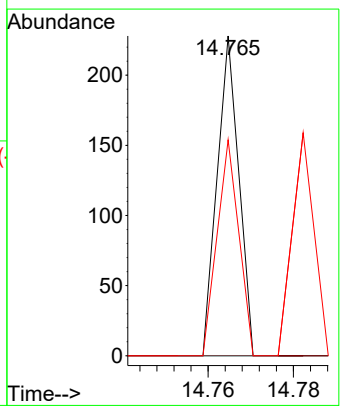


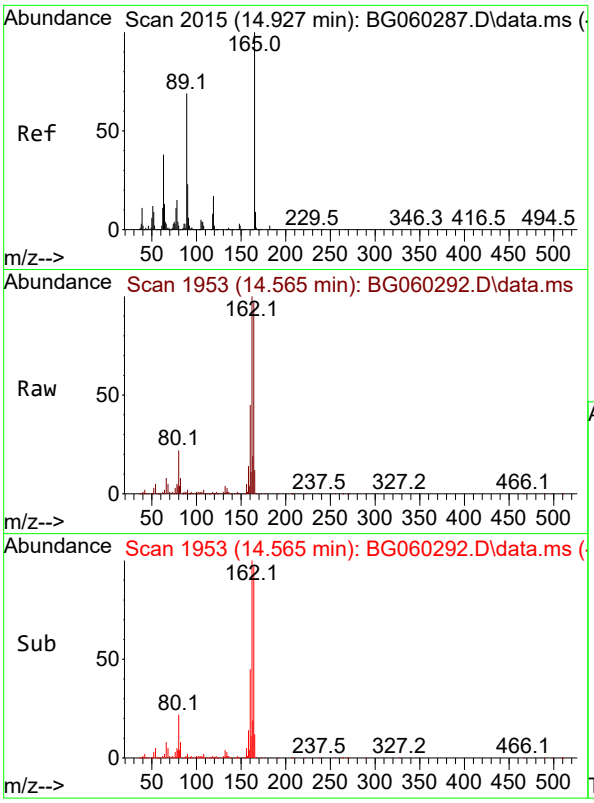


#54
2,4-Dinitrophenol
Concen: 8.596 ng
RT: 14.765 min Scan# 1987
Delta R.T. 0.090 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion:184 Resp: 80

Ion	Ratio	Lower	Upper
184	100		
63	0.0	41.0	61.4#
154	67.5	39.2	58.8#



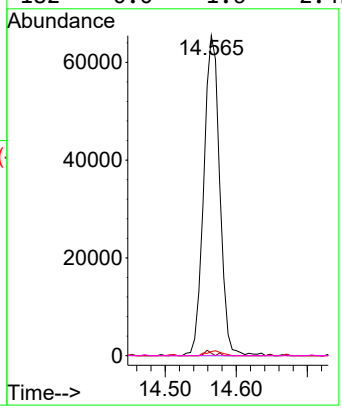


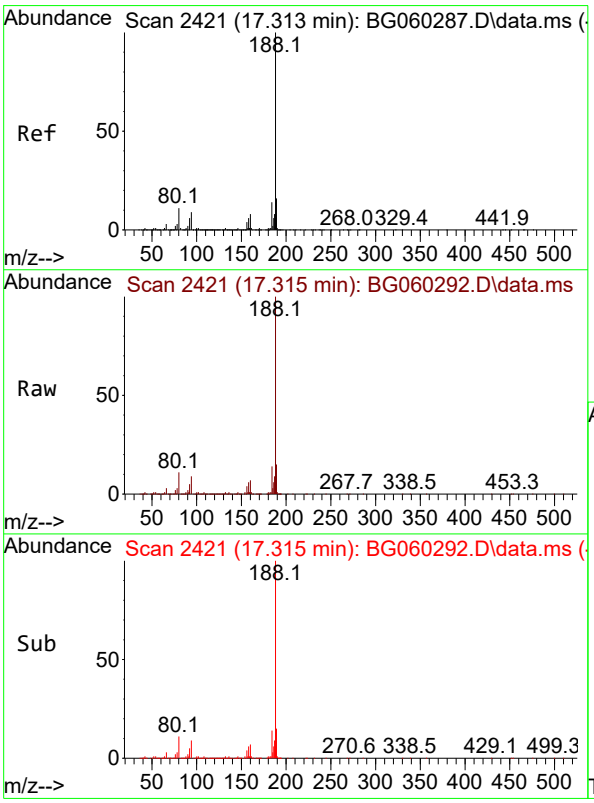
#57
2,4-Dinitrotoluene
Concen: 5.956 ng
RT: 14.565 min Scan# 1
Delta R.T. -0.362 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Instrument :
BNA_G
ClientSampleId :
PB158292BL

Tgt Ion:165 Resp: 102383

Ion	Ratio	Lower	Upper
165	100		
63	0.8	30.4	45.6#
89	1.3	55.4	83.0#
182	0.0	1.6	2.4#

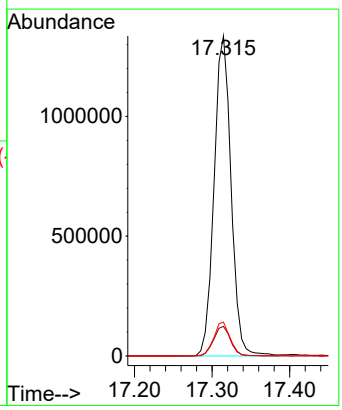


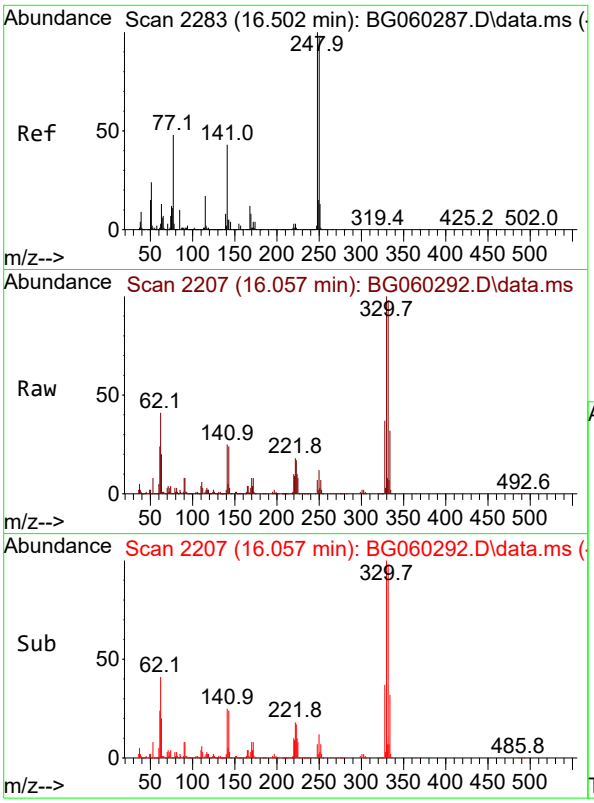


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion:188 Resp: 2031432

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	10.5	8.5	12.7



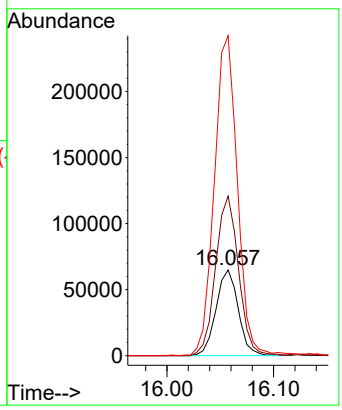


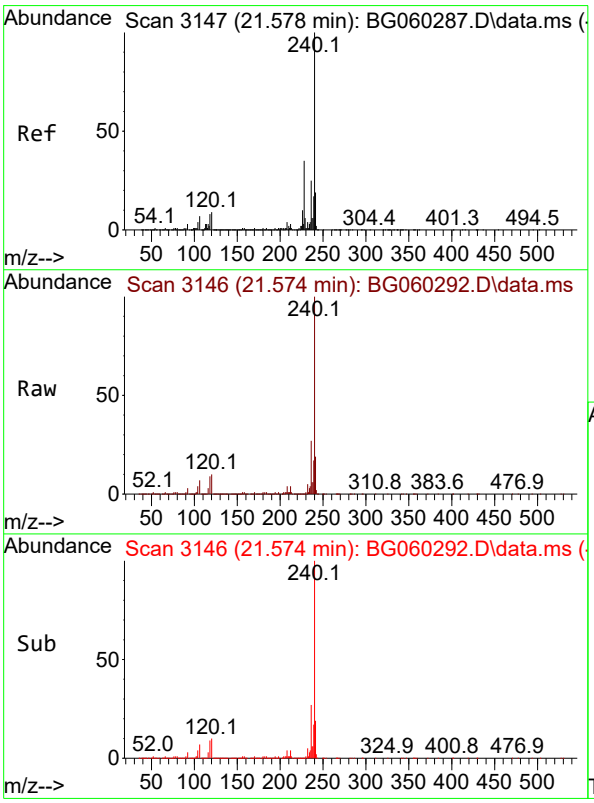
#67
4-Bromophenyl-phenylether
Concen: 4.218 ng
RT: 16.057 min Scan# 2
Delta R.T. -0.445 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Instrument :
BNA_G
ClientSampleId :
PB158292BL

Tgt Ion:248 Resp: 94157

Ion	Ratio	Lower	Upper
248	100		
250	186.2	77.6	116.4#
141	373.3	34.2	51.4#

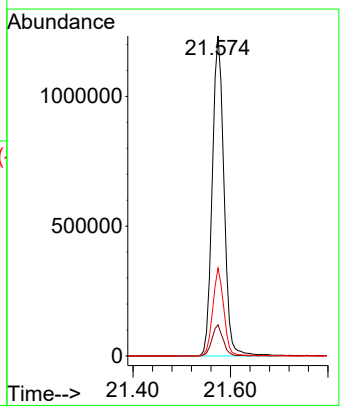


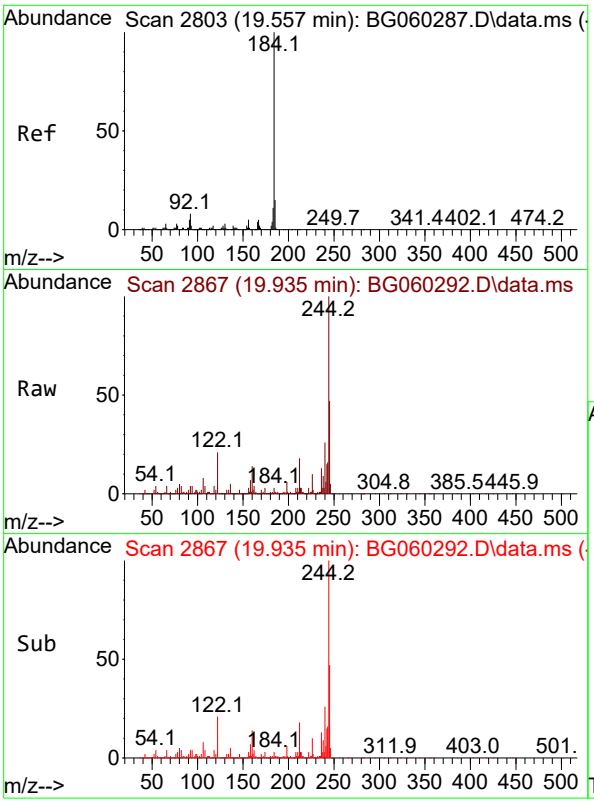


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion:240 Resp: 2050589

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.3	10.9
236	27.4	20.3	30.5



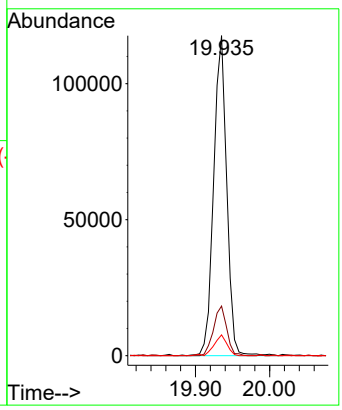


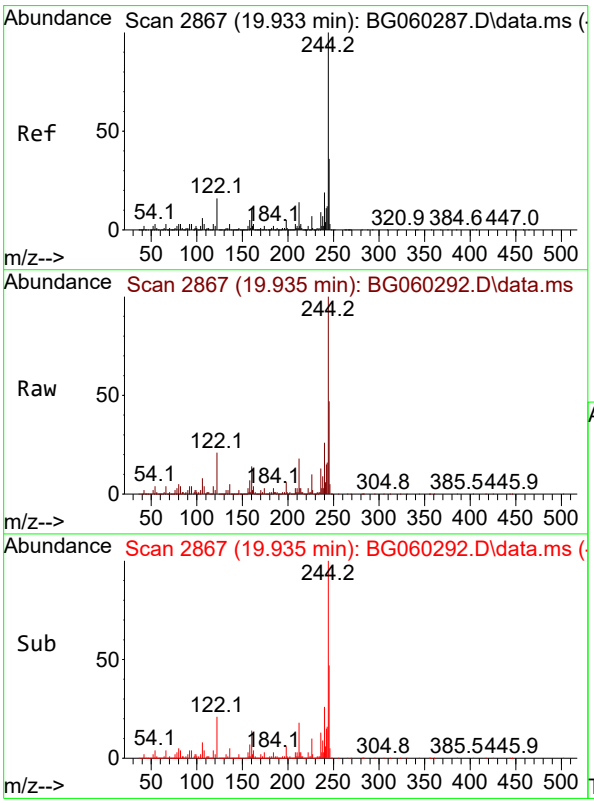
#77
Benzidine
Concen: 3.224 ng
RT: 19.935 min Scan# 2
Delta R.T. 0.378 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Instrument :
BNA_G
ClientSampleId :
PB158292BL

Tgt Ion:184 Resp: 143629

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.4
183	6.5	9.0	13.4#

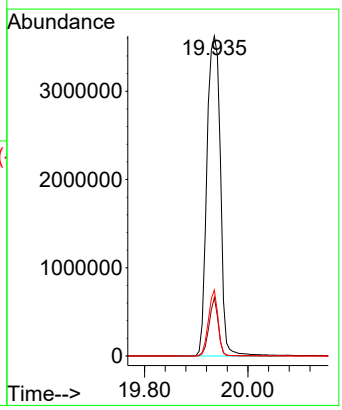


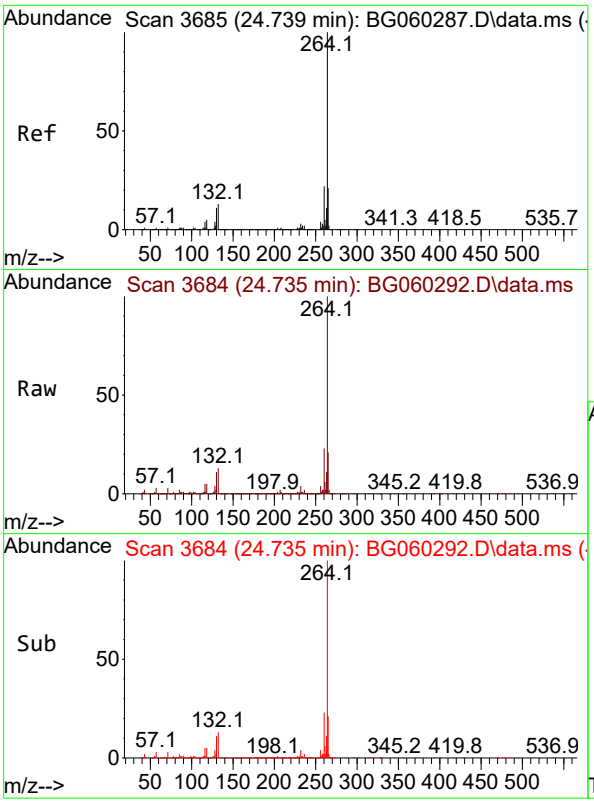


#79
Terphenyl-d14
Concen: 78.042 ng
RT: 19.935 min Scan# 2867
Delta R.T. 0.002 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Tgt Ion:244 Resp: 6543071

Ion	Ratio	Lower	Upper
244	100		
212	18.2	10.9	16.3#
122	20.6	12.6	18.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.735 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG060292.D
Acq: 8 Jan 2024 21:55

Instrument :
BNA_G
ClientSampleId :
PB158292BL

Tgt Ion:264 Resp: 2237168

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.8	26.6
265	21.3	16.8	25.2