Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060260.D
Acq On : 5 Jan 2024 1:45
Operator : MA/JU
Sample : O6045-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Quant Time: Jan 05 02:29:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	170365	20.000 ng		0.00
21) Naphthalene-d8	10.737	136	694611	20.000 ng		0.00
39) Acenaphthene-d10	14.574	164	563935	20.000 ng		0.00
64) Phenanthrene-d10	17.318	188	1586890	20.000 ng		0.00
76) Chrysene-d12	21.589	240	1521988	20.000 ng		0.00
86) Perylene-d12	24.762	264	1623863	20.000 ng		0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1482754	131.364 ng		0.00
7) Phenol-d6	7.100	99	2070228	123.528 ng		0.00
23) Nitrobenzene-d5	9.098	82	1399793	93.083 ng		0.00
42) 2,4,6-Tribromophenol	16.066	330	1250420	165.644 ng		0.00
45) 2-Fluorobiphenyl	13.193	172	3474712	88.555 ng		0.00
79) Terphenyl-d14	19.944	244	5717554	72.221 ng		0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	170838	14.922 ng	#	81
32) Benzoic acid	10.026	122	477	10.325 ng	#	43
51) 2,6-Dinitrotoluene	14.574	165	74616	8.239 ng	#	30
54) 2,4-Dinitrophenol	14.738	184	79	8.250 ng	#	25
57) 2,4-Dinitrotoluene	14.574	165	74616	6.059 ng	#	27
67) 4-Bromophenyl-phenylether	16.066	248	75370	4.480 ng	#	1
77) Benzidine	19.944	184	110017	2.612 ng	#	91

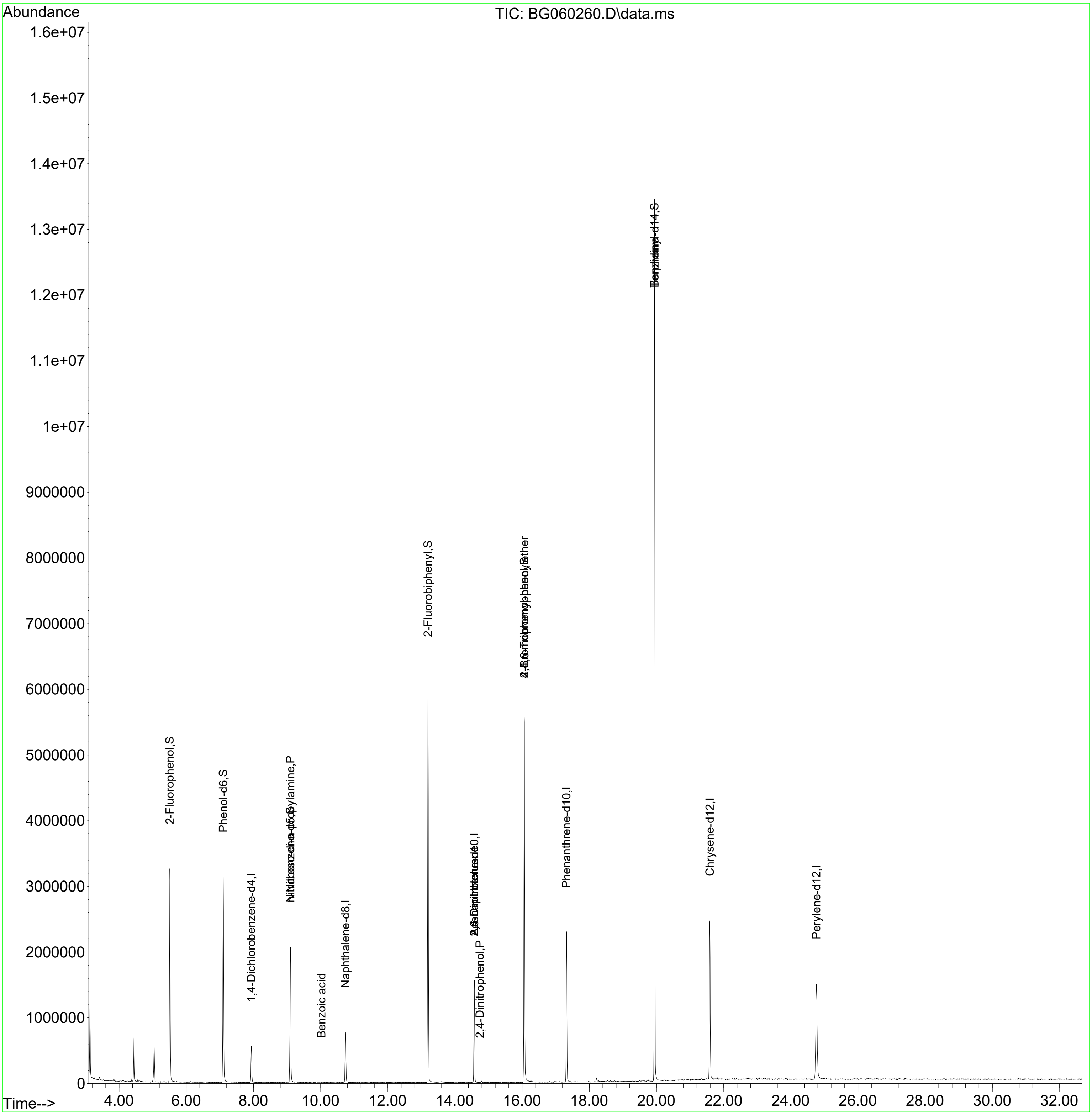
(#) = qualifier out of range (m) = manual integration (+) = signals summed

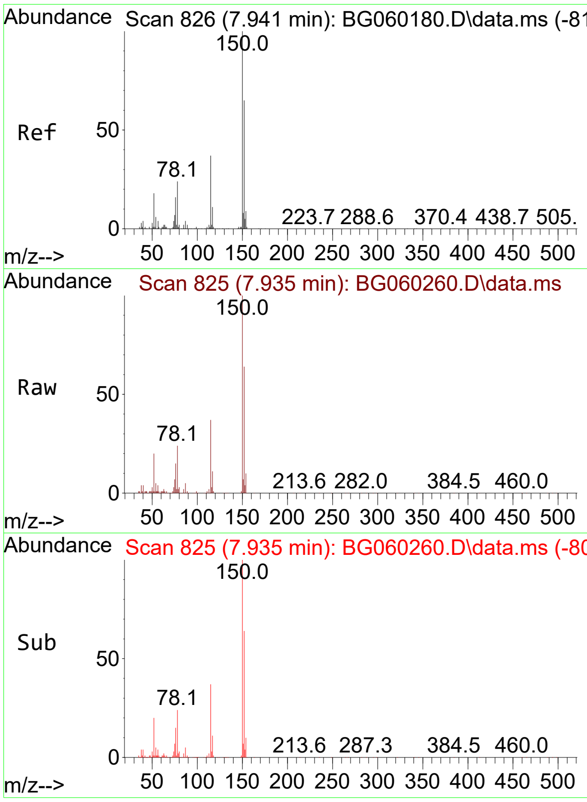
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060260.D
Acq On : 5 Jan 2024 1:45
Operator : MA/JU
Sample : O6045-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Quant Time: Jan 05 02:29:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration



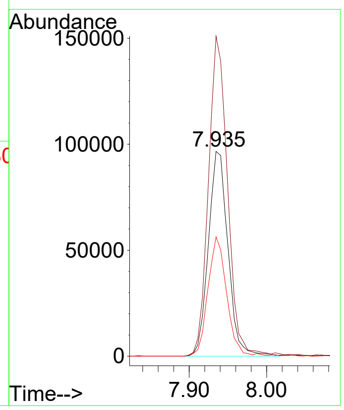


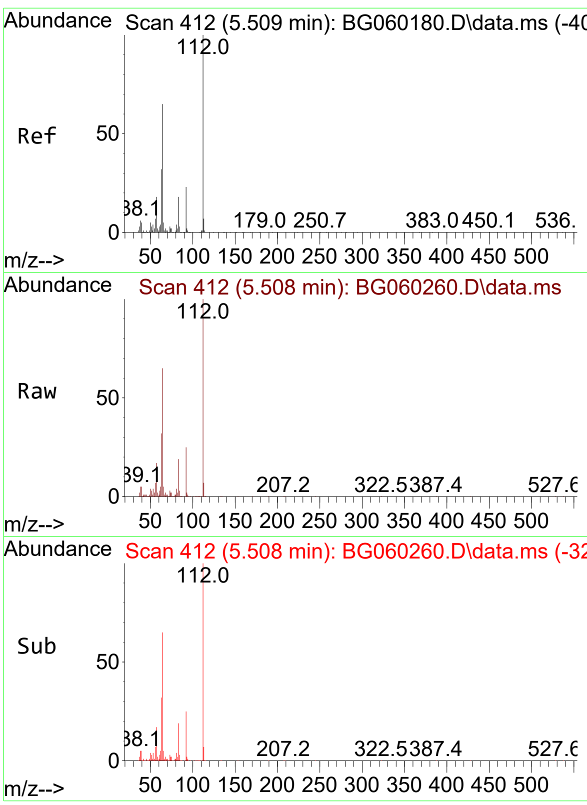
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Tgt Ion:152 Resp: 170365

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.4	185.0
115	58.3	45.4	68.0

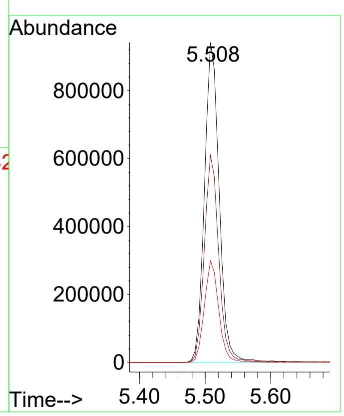


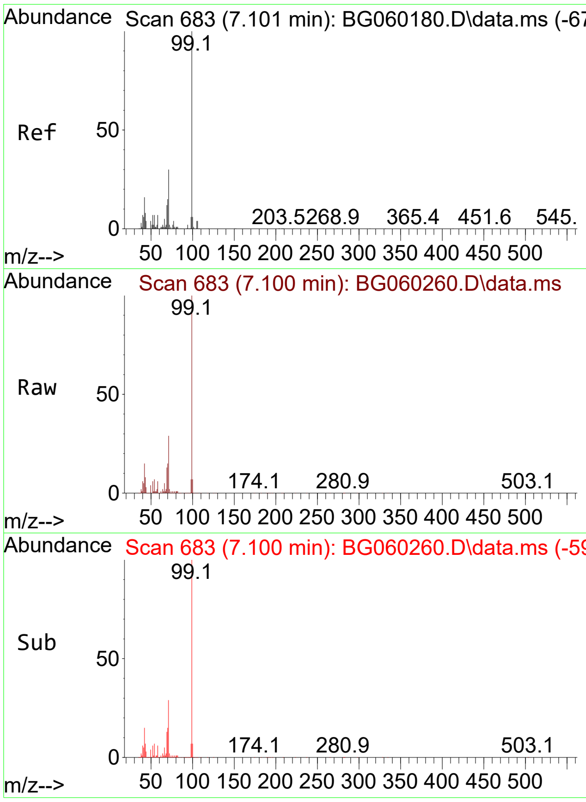


#5
2-Fluorophenol
Concen: 131.364 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Tgt Ion:112 Resp: 1482754

Ion	Ratio	Lower	Upper
112	100		
64	64.7	52.2	78.4
63	31.8	25.4	38.0



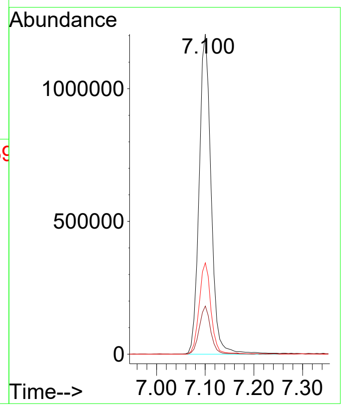


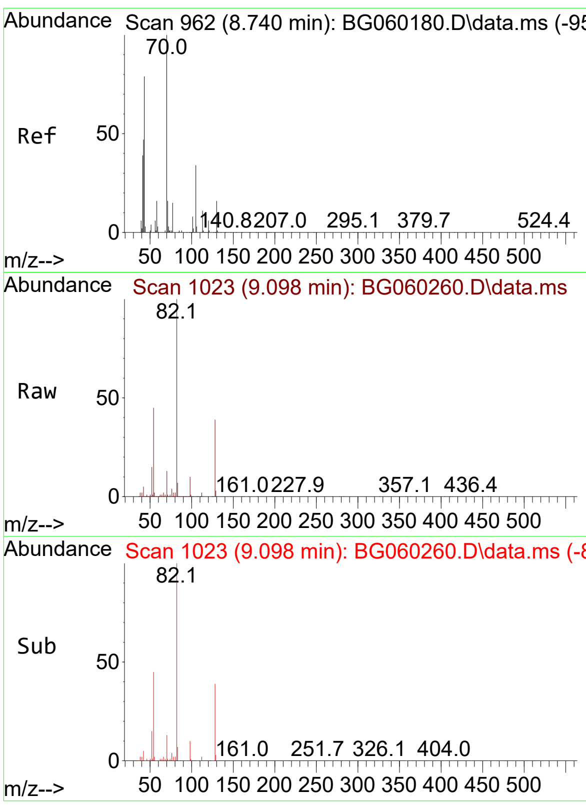
#7
Phenol-d6
Concen: 123.528 ng
RT: 7.100 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG060260.D
Acq: 5 Jan 2024   1:45

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Tgt Ion: 99 Resp: 2070228

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.5	18.7
71	28.6	24.1	36.1

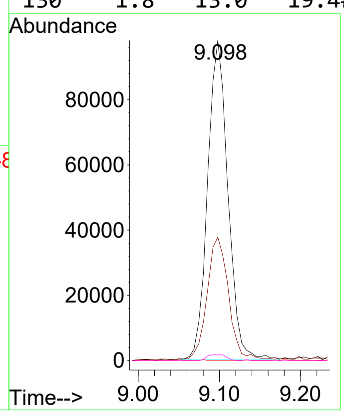


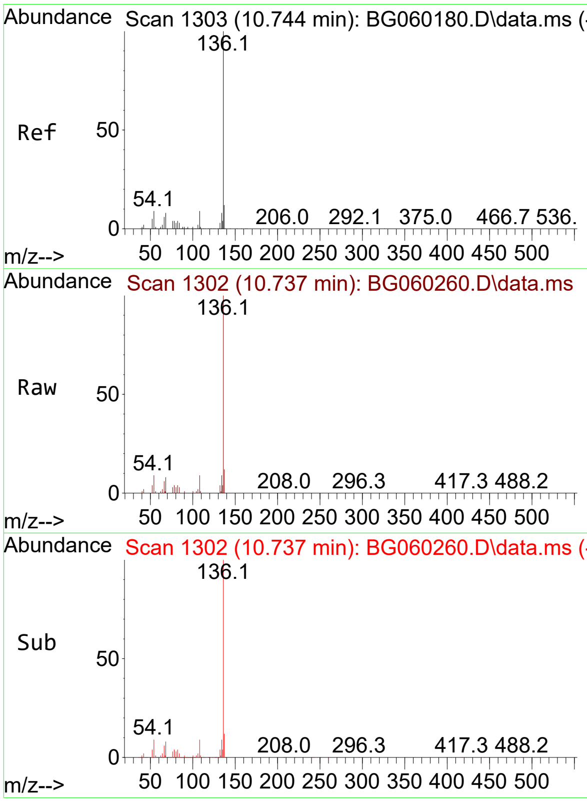


#19
n-Nitroso-di-n-propylamine
Concen: 14.922 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060260.D
Acq: 5 Jan 2024   1:45

Tgt Ion: 70 Resp: 170838

Ion	Ratio	Lower	Upper
70	100		
42	38.5	37.9	56.9
101	0.0	6.2	9.2#
130	1.8	13.0	19.4#



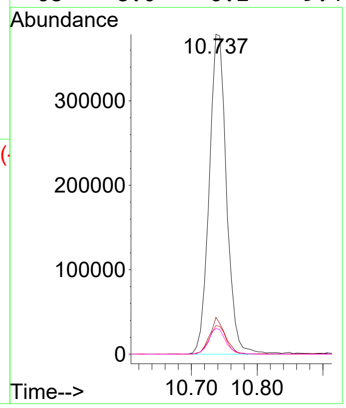


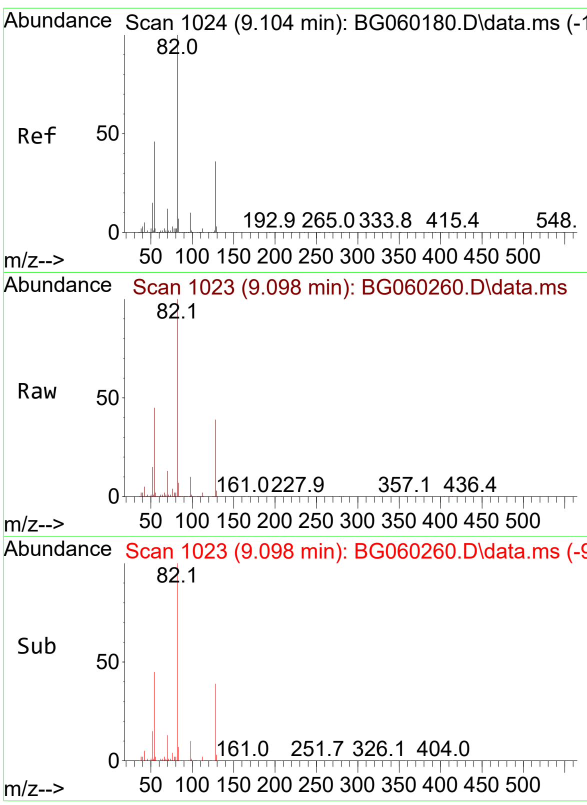
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Tgt Ion:136 Resp: 694611

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	8.9	7.4	11.2
68	8.0	6.2	9.4

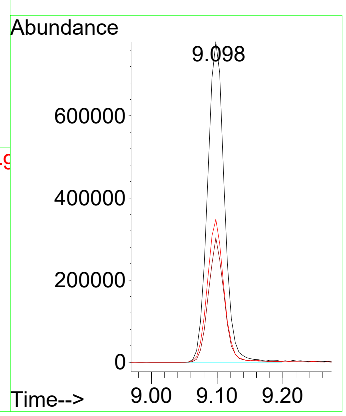


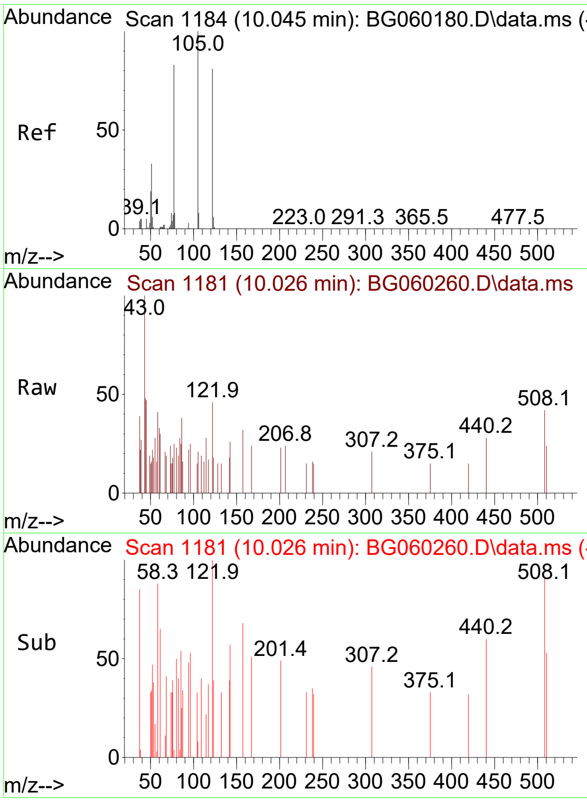


#23
Nitrobenzene-d5
Concen: 93.083 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Tgt Ion: 82 Resp: 1399793

Ion	Ratio	Lower	Upper
82	100		
128	38.8	28.7	43.1
54	44.6	36.9	55.3





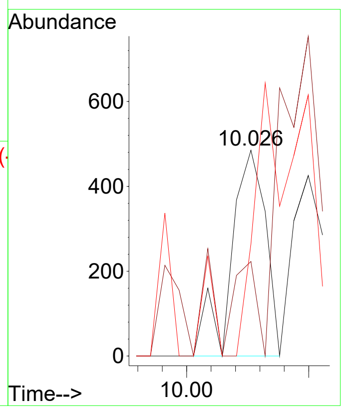
#32
Benzoic acid
Concen: 10.325 ng
RT: 10.026 min Scan# 1

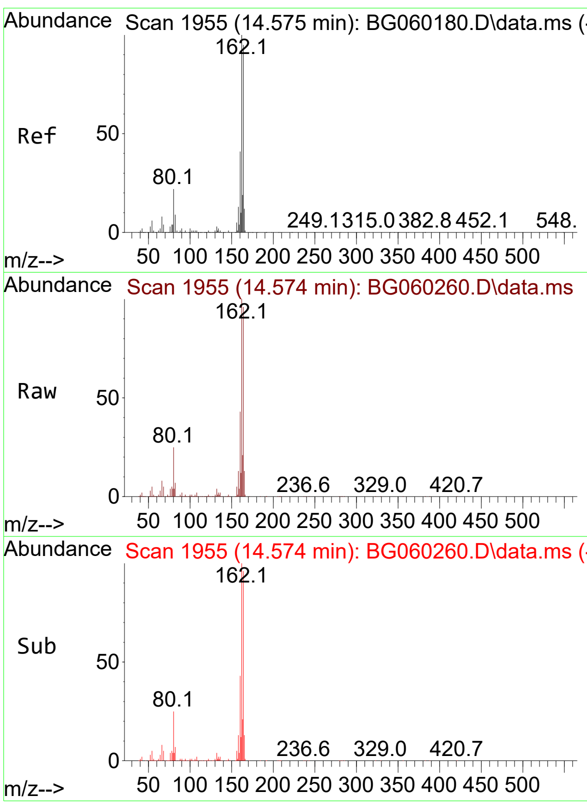
Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Delta R.T. -0.019 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Tgt Ion:122 Resp: 477

Ion	Ratio	Lower	Upper
122	100		
105	46.0	99.2	139.2#
77	54.4	81.0	121.0#

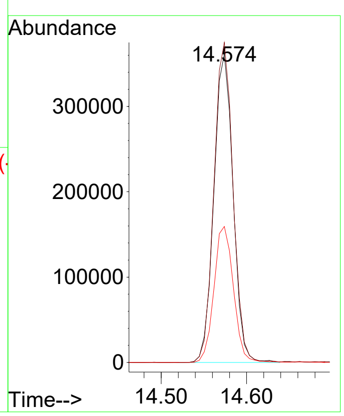


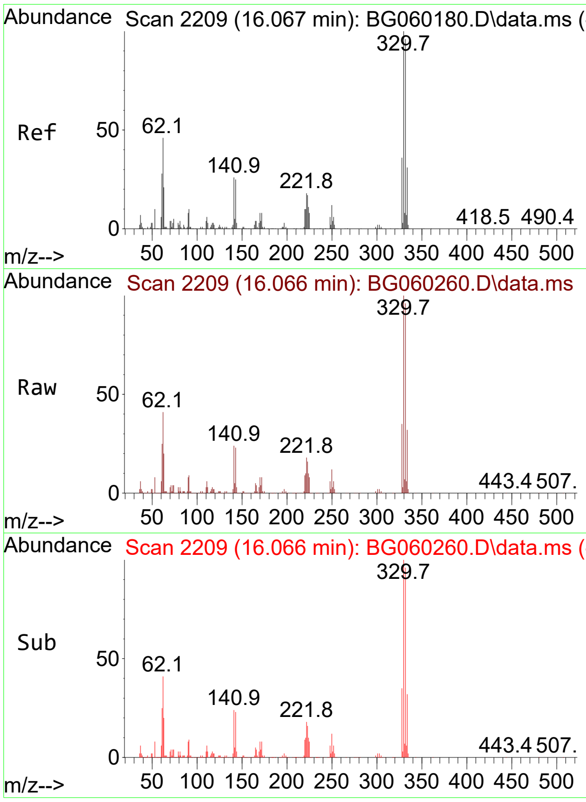


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Tgt Ion:164 Resp: 563935

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.9	125.9
160	44.1	34.2	51.4



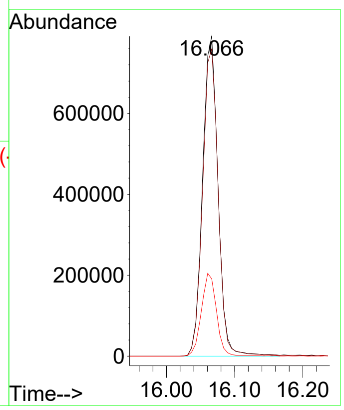


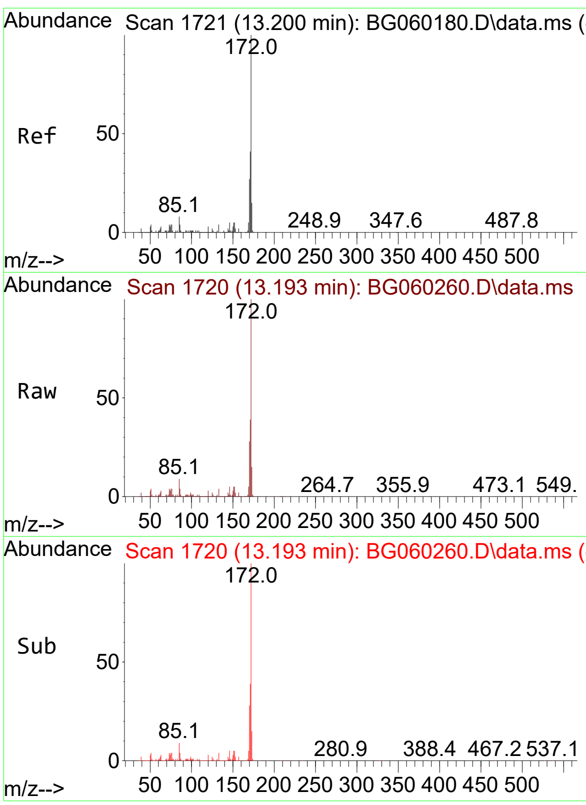
#42
2,4,6-Tribromophenol
Concen: 165.644 ng
RT: 16.066 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Tgt Ion:330 Resp: 1250420

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	25.5	21.0	31.4

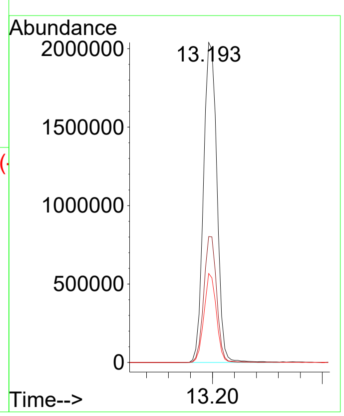


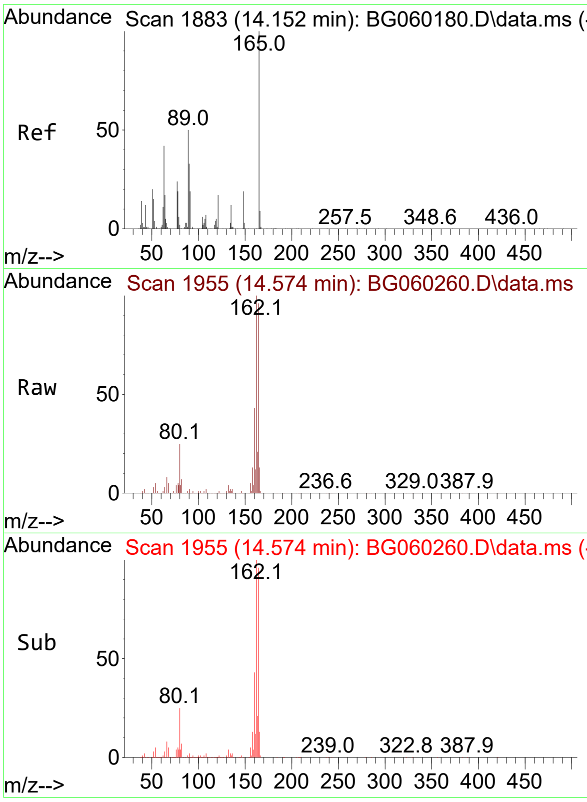


#45
2-Fluorobiphenyl
Concen: 88.555 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Tgt Ion:172 Resp: 3474712

Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.6	48.8
170	27.8	21.8	32.6



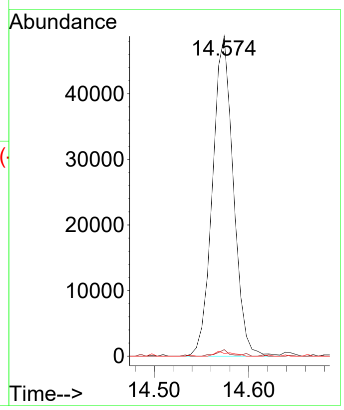


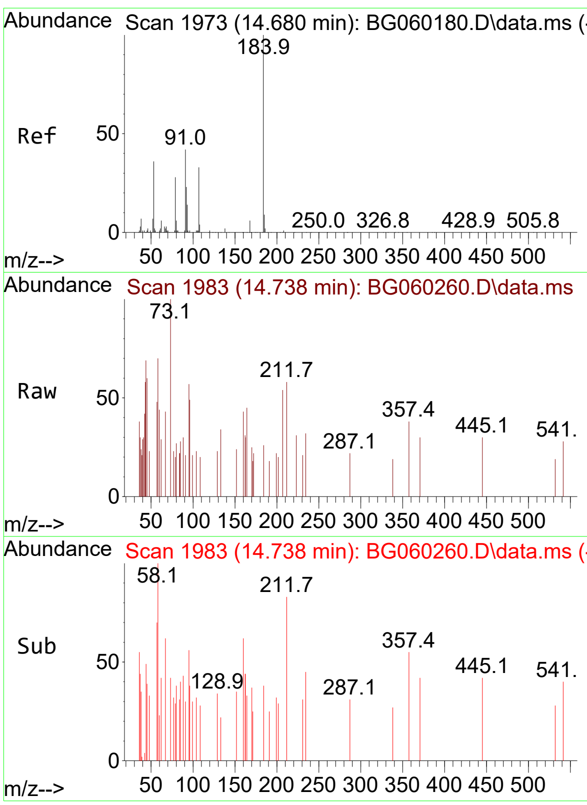
#51
2,6-Dinitrotoluene
Concen: 8.239 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.422 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Tgt Ion:165 Resp: 74616

Ion	Ratio	Lower	Upper
165	100		
63	2.1	39.3	58.9#
89	0.9	39.8	59.8#

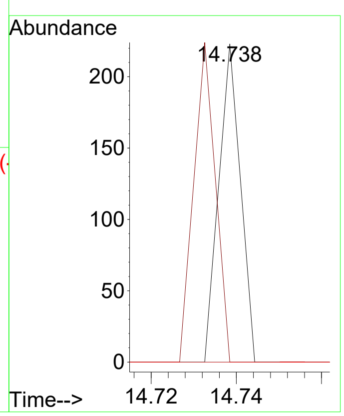


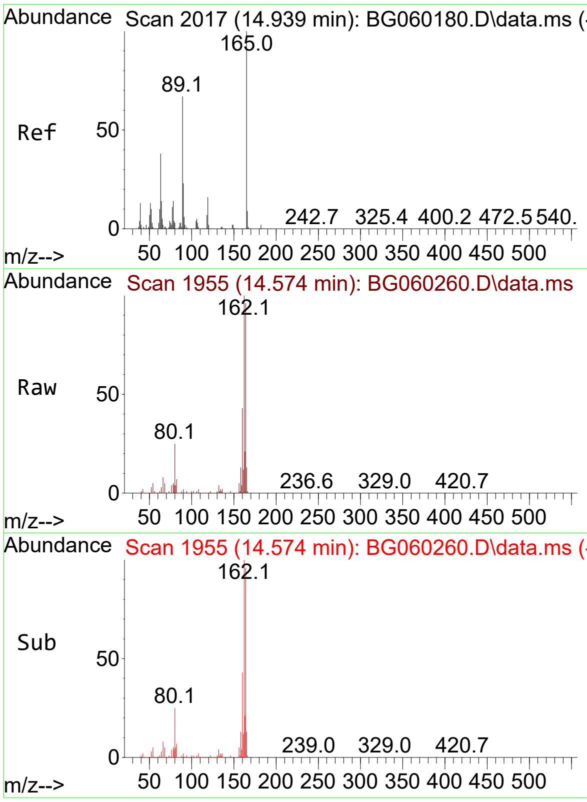


#54
2,4-Dinitrophenol
Concen: 8.250 ng
RT: 14.738 min Scan# 1983
Delta R.T. 0.058 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Tgt Ion:184 Resp: 79

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.4	68.2#
154	0.0	40.0	60.0#



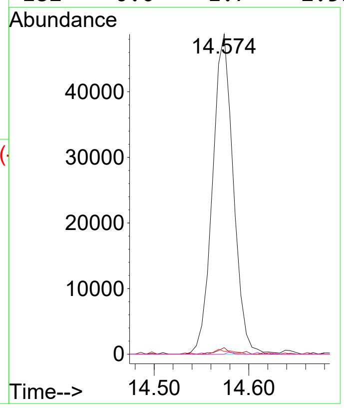


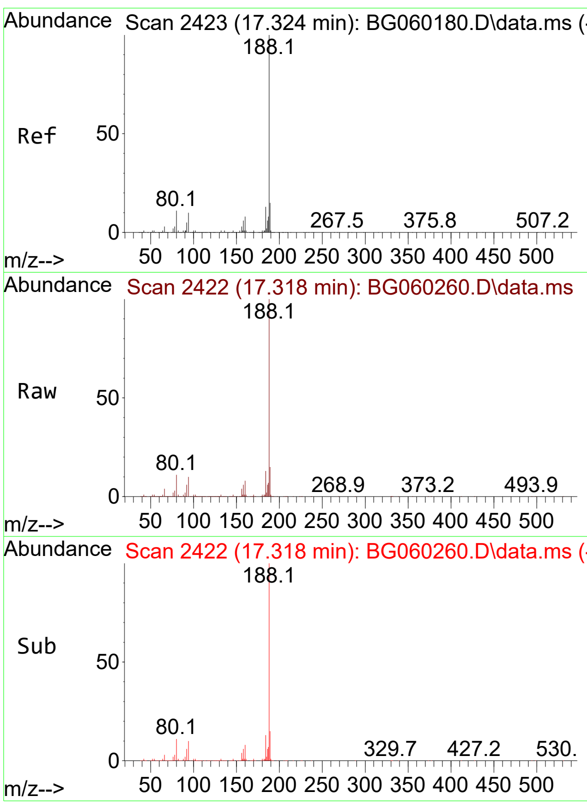
#57
2,4-Dinitrotoluene
Concen: 6.059 ng
RT: 14.574 min Scan# 1
Delta R.T. -0.365 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Tgt Ion:165 Resp: 74616

Ion	Ratio	Lower	Upper
165	100		
63	2.1	31.0	46.6#
89	0.9	53.3	79.9#
182	0.0	1.7	2.5#

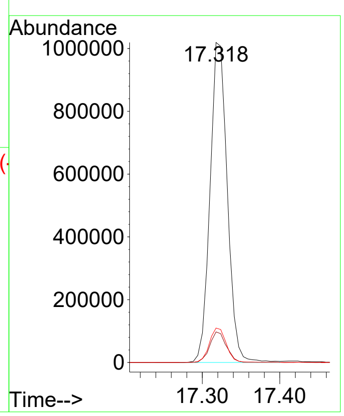


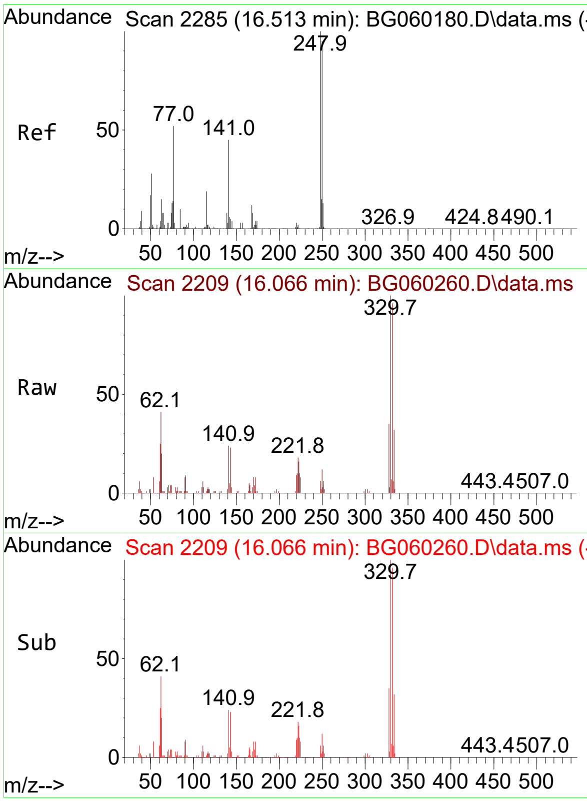


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Tgt Ion:188 Resp: 1586890

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	10.8	8.6	13.0

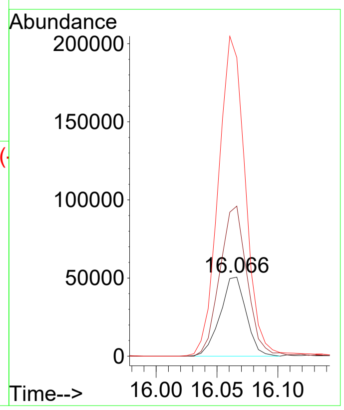


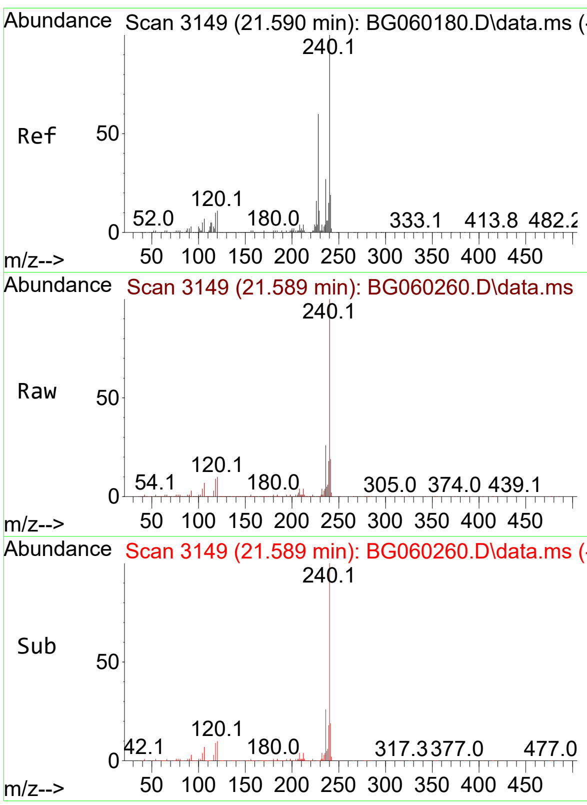



```
#67
4-Bromophenyl-phenylether
Concen:    4.480 ng
RT:  16.066 min  Scan# 2
Delta R.T.  -0.447 min
Lab File:   BG060260.D
Acq:  5 Jan 2024   1:45

Tgt Ion:248 Resp:   75370
Ion  Ratio  Lower  Upper
248  100
250  240.2   76.2  114.4#
141  378.0   36.0   54.0#
```

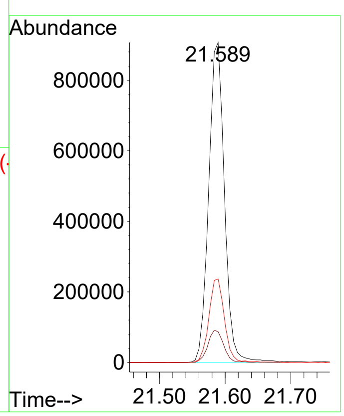
Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

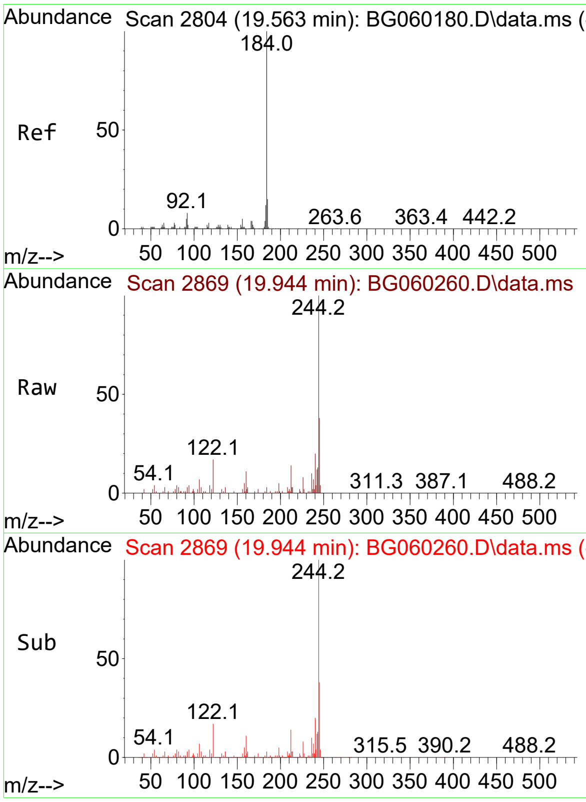





```
#76
Chrysene-d12
Concen:   20.000 ng
RT:  21.589 min  Scan# 3149
Delta R.T.  -0.001 min
Lab File:   BG060260.D
Acq:  5 Jan 2024   1:45

Tgt Ion:240 Resp: 1521988
Ion  Ratio  Lower  Upper
240  100
120    9.6    8.5   12.7
236   26.1   21.4   32.2
```



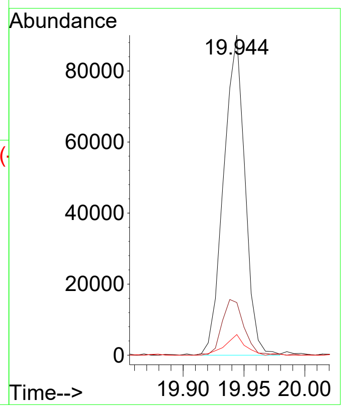


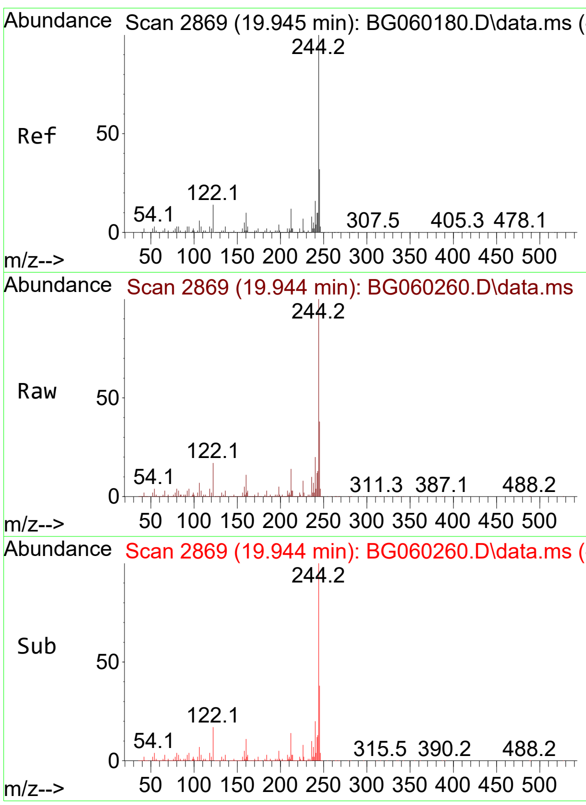
#77
Benzidine
Concen: 2.612 ng
RT: 19.944 min Scan# 2
Delta R.T. 0.381 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Tgt Ion:184 Resp: 110017

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.7	17.5
183	6.4	9.4	14.2#

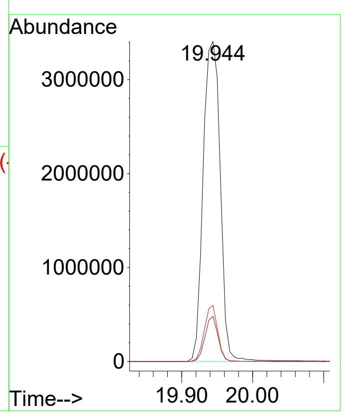


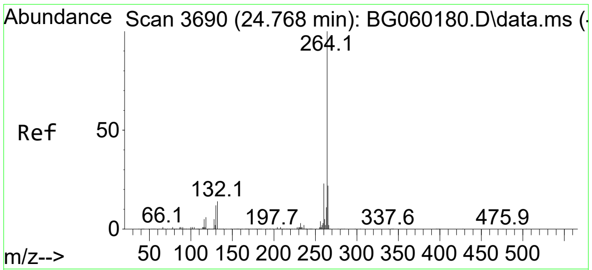


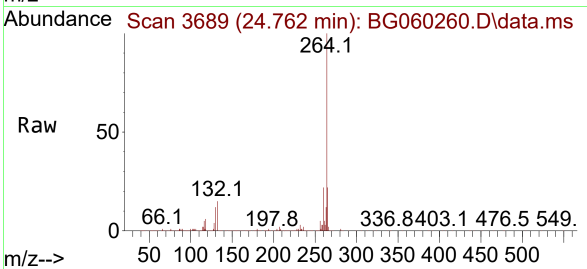
#79
Terphenyl-d14
Concen: 72.221 ng
RT: 19.944 min Scan# 2869
Delta R.T. -0.001 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

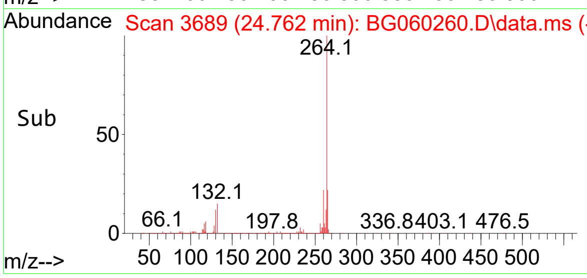
Tgt Ion:244 Resp: 5717554

Ion	Ratio	Lower	Upper
244	100		
212	14.1	9.5	14.3
122	17.5	11.4	17.2#









#86
Perylene-d12
Concen: 20.000 ng
RT: 24.762 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG060260.D
Acq: 5 Jan 2024 1:45

Instrument :
BNA_G
ClientSampleId :
MR-300-0-2

Tgt Ion:264 Resp: 1623863

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.0	27.0
265	21.9	17.4	26.0