

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
 Data File : BG057123.D
 Acq On : 17 Apr 2023 23:16
 Operator : CG/JU
 Sample : 02369-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-041423

Quant Time: Apr 18 01:23:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 19:00:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

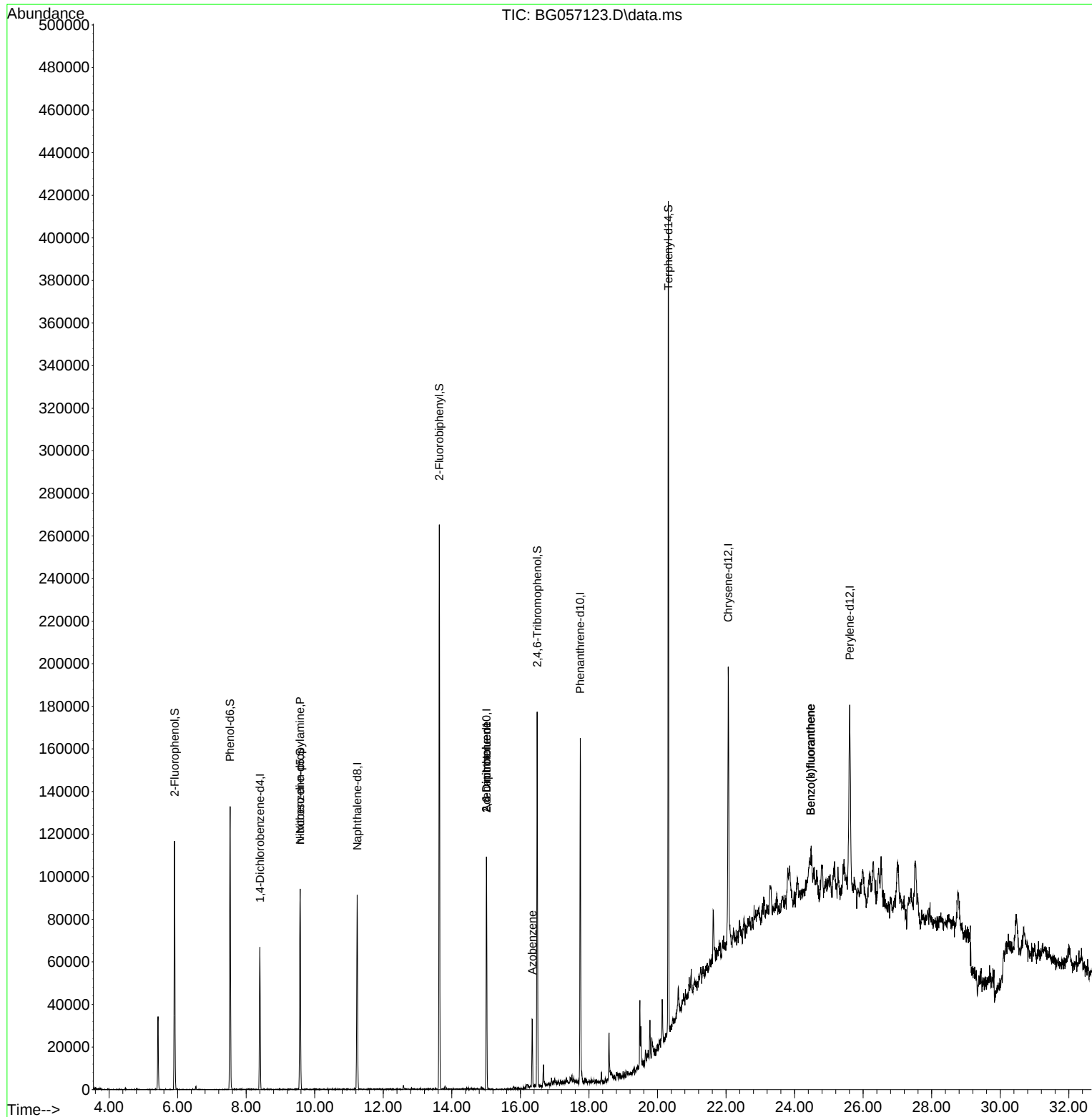
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.401	152	18864	20.000	ng	0.00
21) Naphthalene-d8	11.239	136	76518	20.000	ng	# 0.00
39) Acenaphthene-d10	15.010	164	37776	20.000	ng	0.00
64) Phenanthrene-d10	17.748	188	98093	20.000	ng	#-0.02
76) Chrysene-d12	22.065	240	79394	20.000	ng	#-0.02
86) Perylene-d12	25.608	264	85737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	48845	41.441	ng	0.00
7) Phenol-d6	7.532	99	77994	44.243	ng	0.00
23) Nitrobenzene-d5	9.576	82	61243	32.749	ng	0.00
42) 2,4,6-Tribromophenol	16.491	330	35316	58.520	ng	0.00
45) 2-Fluorobiphenyl	13.636	172	129069	46.331	ng	0.00
79) Terphenyl-d14	20.315	244	188302	40.134	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.576	70	8501	6.742	ng	# 76
51) 2,6-Dinitrotoluene	15.010	165	4854	7.548	ng	# 21
57) 2,4-Dinitrotoluene	15.010	165	4854	5.352	ng	# 22
63) Azobenzene	16.344	77	10067	3.385	ng	# 1
88) Benzo(b)fluoranthene	24.468	252	11876	2.215	ng	# 13
89) Benzo(k)fluoranthene	24.468	252	11876	2.219	ng	# 9

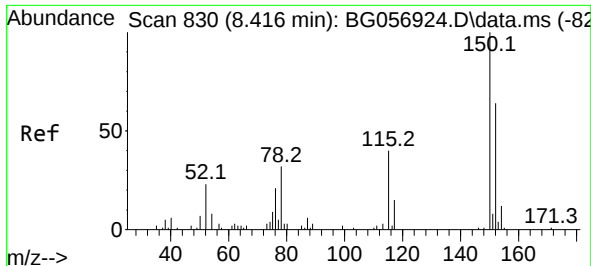
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 18 01:23:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 19:00:08 2023
Response via : Initial Calibration

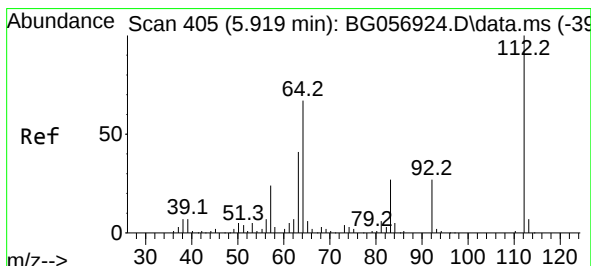
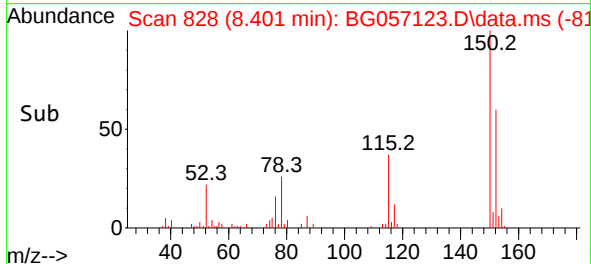
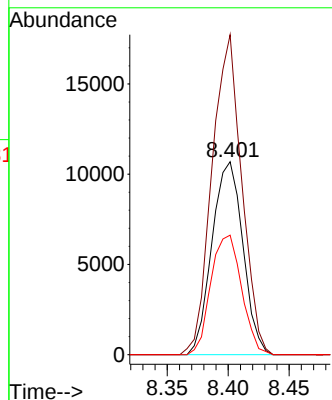
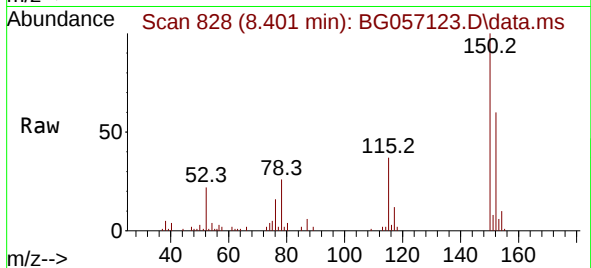




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.401 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

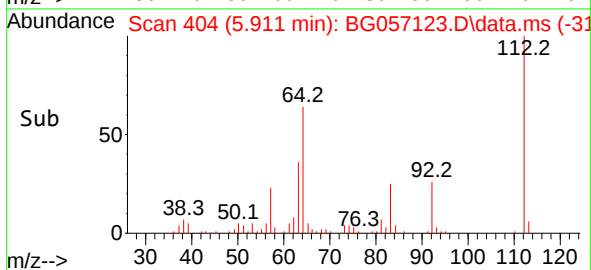
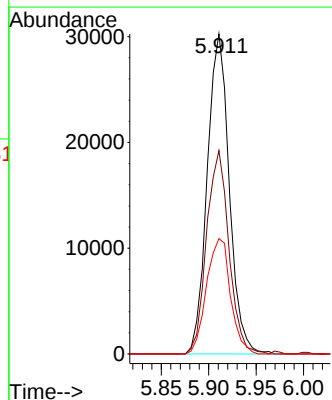
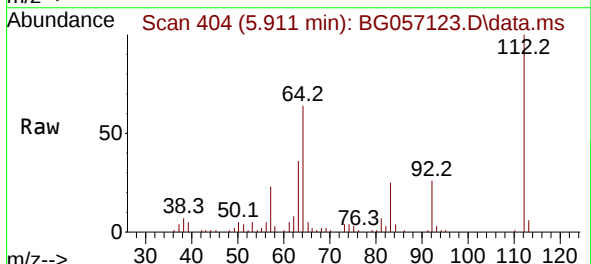
Instrument :
BNA_G
ClientSampleId :
SU-04-041423

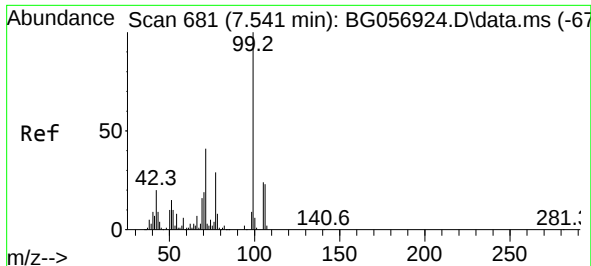
Tgt Ion:152 Resp: 18864
Ion Ratio Lower Upper
152 100
150 165.8 124.1 186.1
115 61.9 49.1 73.7



#5
2-Fluorophenol
Concen: 41.441 ng
RT: 5.911 min Scan# 404
Delta R.T. -0.004 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

Tgt Ion:112 Resp: 48845
Ion Ratio Lower Upper
112 100
64 63.6 53.2 79.8
63 36.1 32.6 48.8

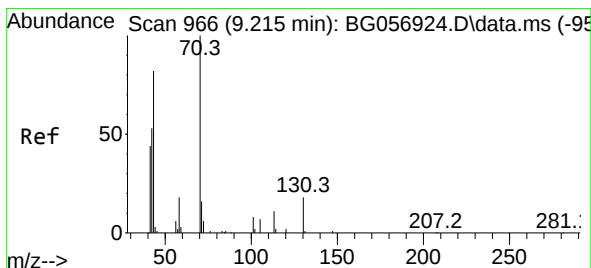
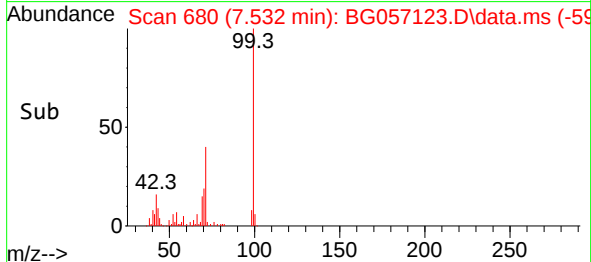
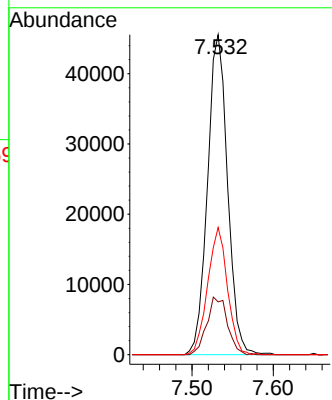
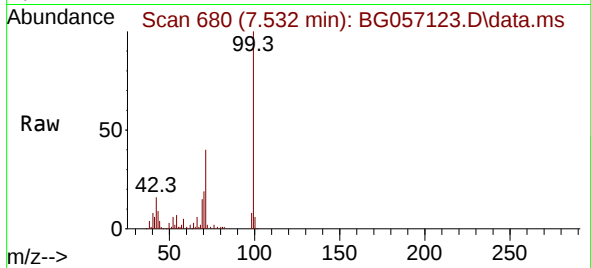




#7
Phenol-d6
Concen: 44.243 ng
RT: 7.532 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

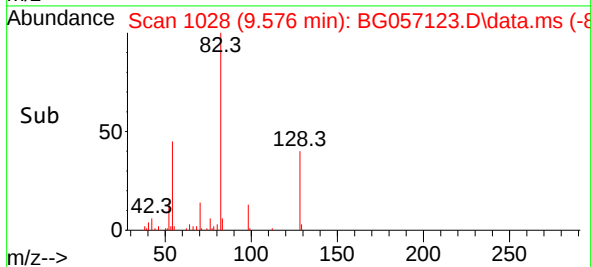
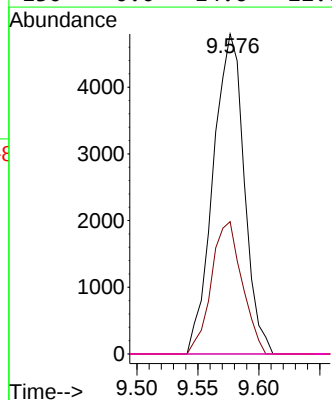
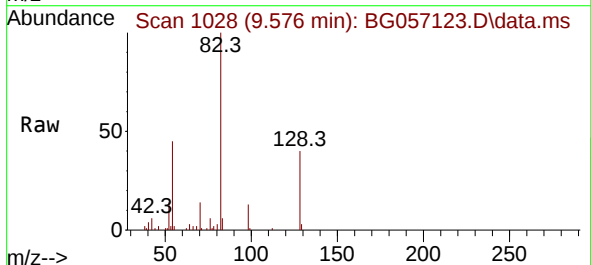
Instrument :
BNA_G
ClientSampleId :
SU-04-041423

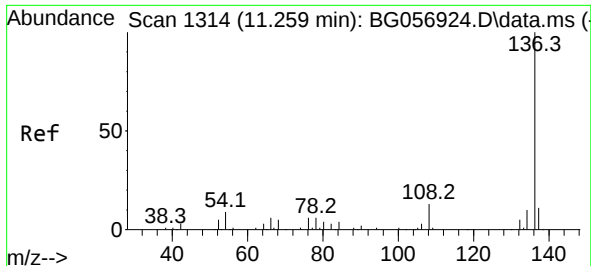
Tgt Ion: 99 Resp: 77994
Ion Ratio Lower Upper
99 100
42 16.5 15.7 23.5
71 39.7 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 6.742 ng
RT: 9.576 min Scan# 1028
Delta R.T. 0.366 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

Tgt Ion: 70 Resp: 8501
Ion Ratio Lower Upper
70 100
42 41.4 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

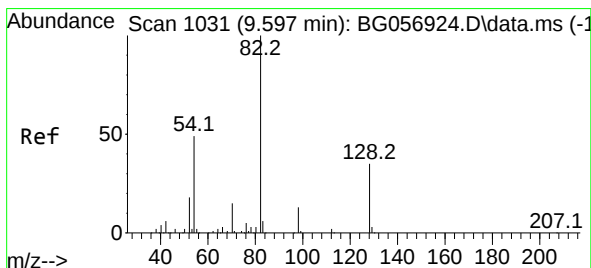
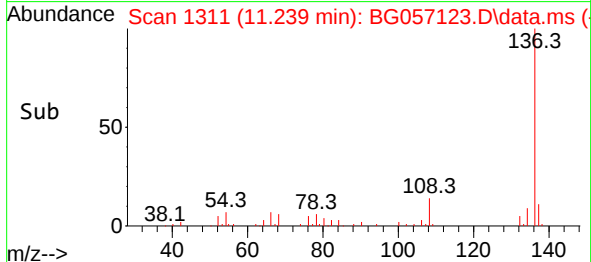
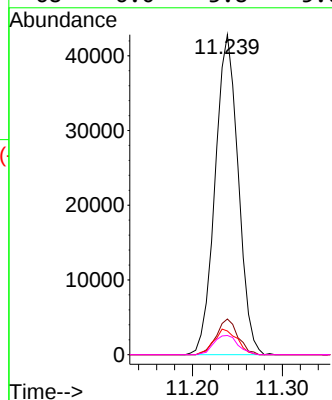
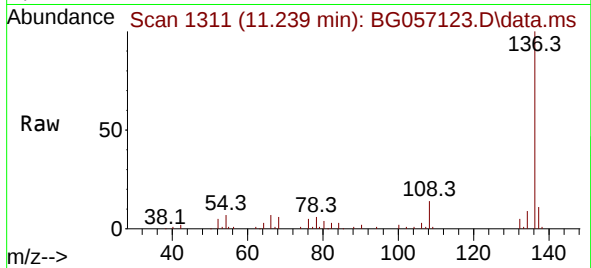




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

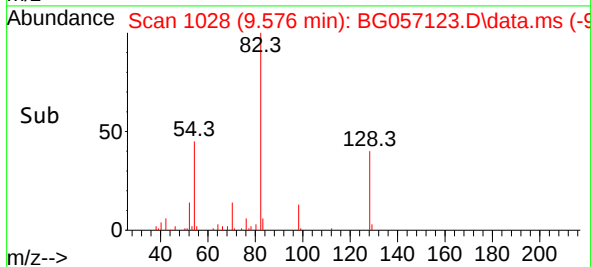
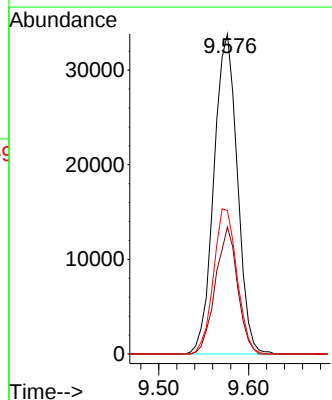
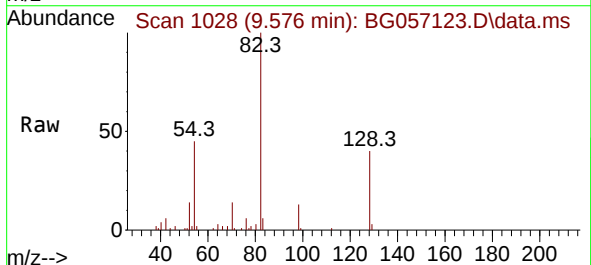
Instrument :
BNA_G
ClientSampleId :
SU-04-041423

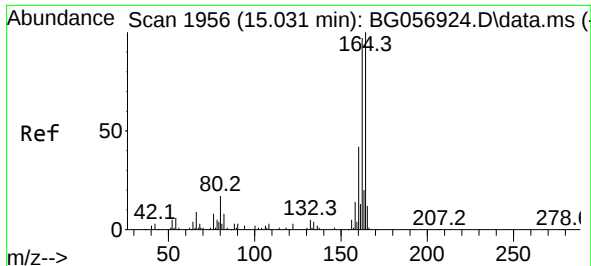
Tgt Ion:	136	Resp:	76518
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	7.4	6.9	10.3
68	6.0	3.8	5.6



#23
Nitrobenzene-d5
Concen: 32.749 ng
RT: 9.576 min Scan# 1028
Delta R.T. -0.010 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

Tgt Ion:	82	Resp:	61243
Ion Ratio	Lower	Upper	
82	100		
128	39.6	27.9	41.9
54	44.8	39.4	59.2

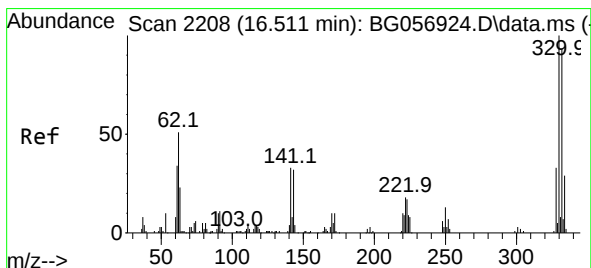
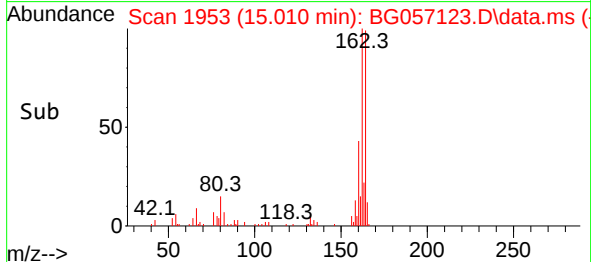
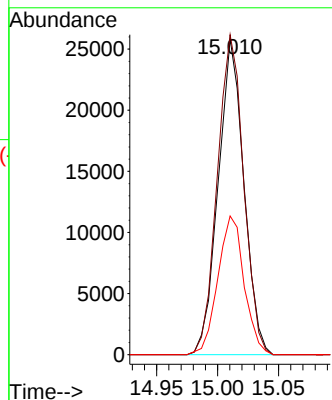
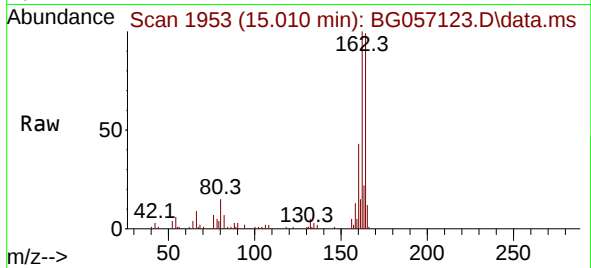




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.010 min Scan# 1953
Delta R.T. -0.010 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

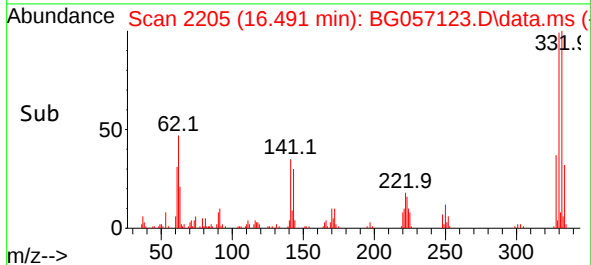
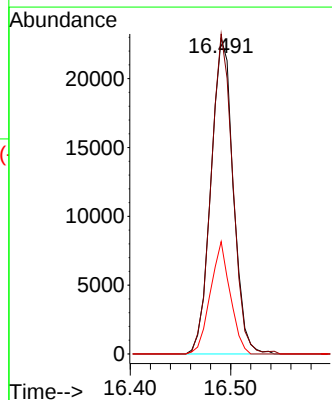
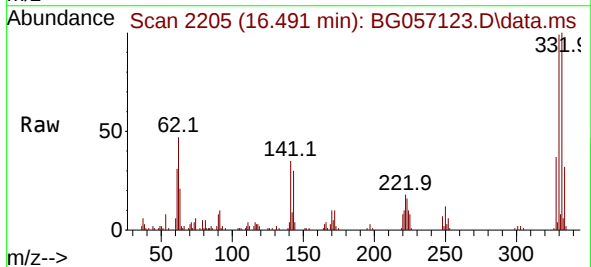
Instrument :
BNA_G
ClientSampleId :
SU-04-041423

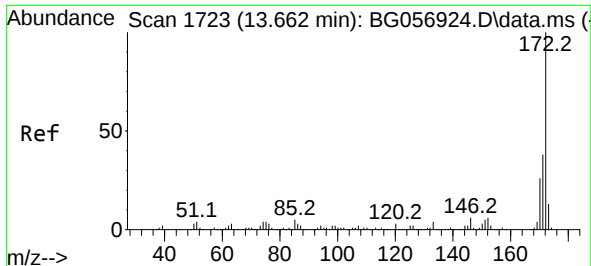
Tgt Ion:164 Resp: 37776
Ion Ratio Lower Upper
164 100
162 101.3 77.8 116.8
160 43.9 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 58.520 ng
RT: 16.491 min Scan# 2205
Delta R.T. -0.010 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

Tgt Ion:330 Resp: 35316
Ion Ratio Lower Upper
330 100
332 98.8 76.1 114.1
141 31.7 25.8 38.6

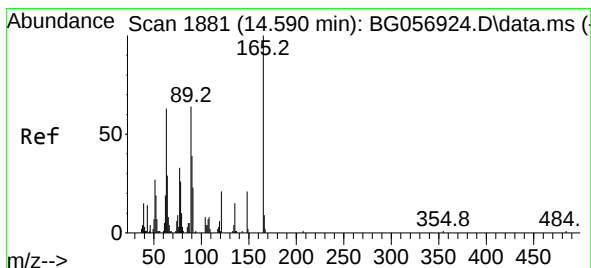
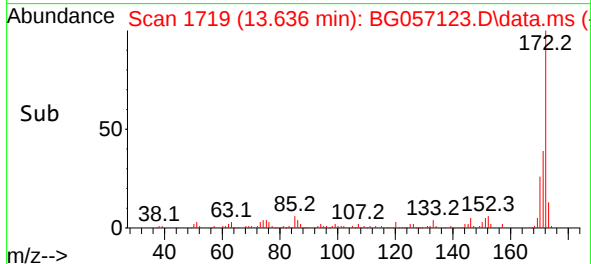
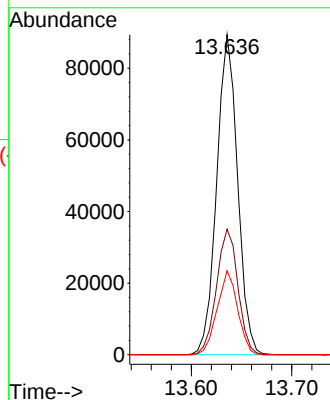
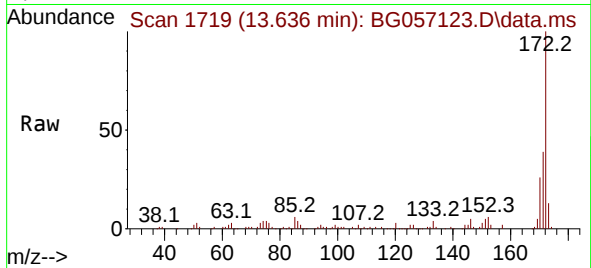




#45
2-Fluorobiphenyl
Concen: 46.331 ng
RT: 13.636 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

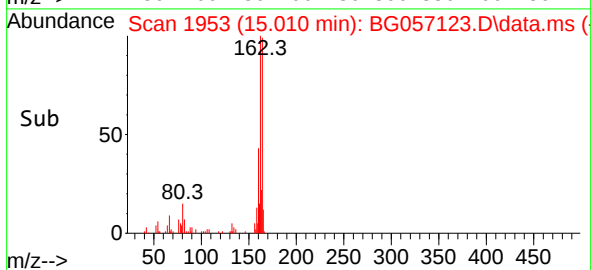
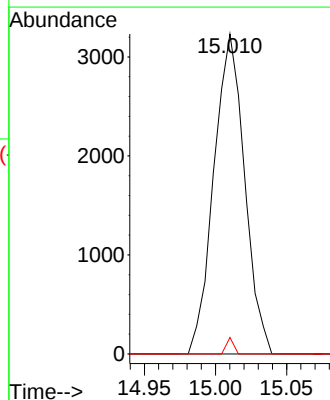
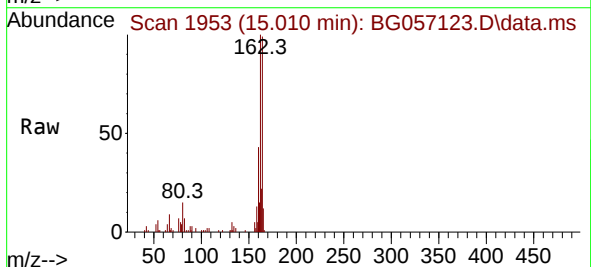
Instrument :
BNA_G
ClientSampleId :
SU-04-041423

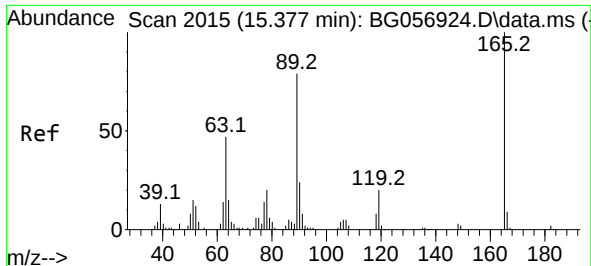
Tgt Ion:172 Resp: 129069
Ion Ratio Lower Upper
172 100
171 39.2 30.6 46.0
170 26.2 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.548 ng
RT: 15.010 min Scan# 1953
Delta R.T. 0.425 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

Tgt Ion:165 Resp: 4854
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 5.2 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.352 ng

RT: 15.010 min Scan# 1953

Delta R.T. -0.356 min

Lab File: BG057123.D

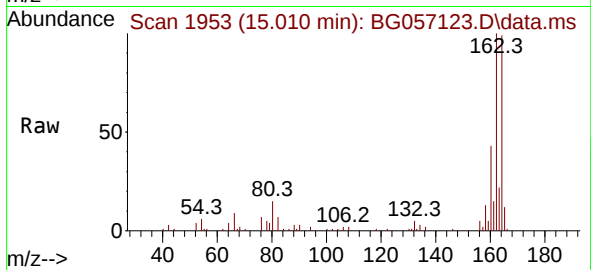
Acq: 17 Apr 2023 23:16

Instrument :

BNA_G

ClientSampleId :

SU-04-041423



Tgt Ion:165 Resp: 4854

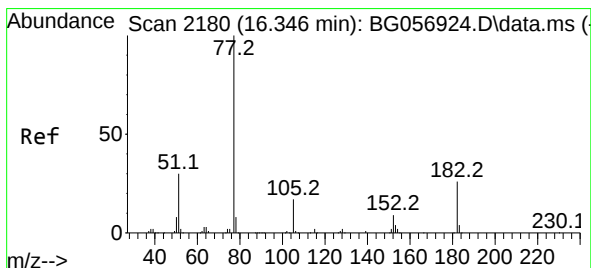
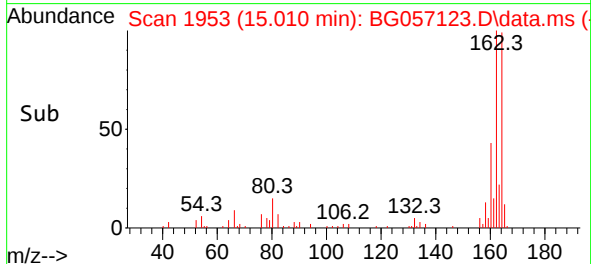
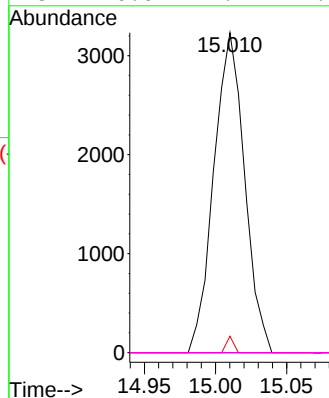
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 5.2 63.2 94.8#

182 0.0 1.7 2.5#



#63

Azobenzene

Concen: 3.385 ng

RT: 16.344 min Scan# 2180

Delta R.T. 0.008 min

Lab File: BG057123.D

Acq: 17 Apr 2023 23:16

Tgt Ion: 77 Resp: 10067

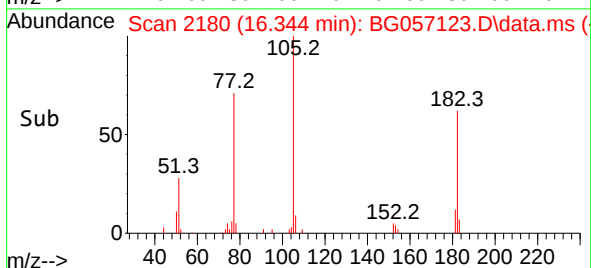
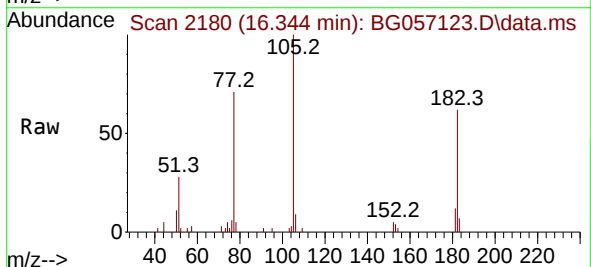
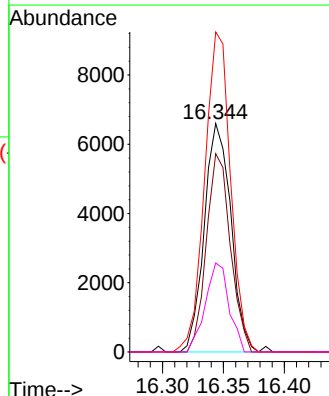
Ion Ratio Lower Upper

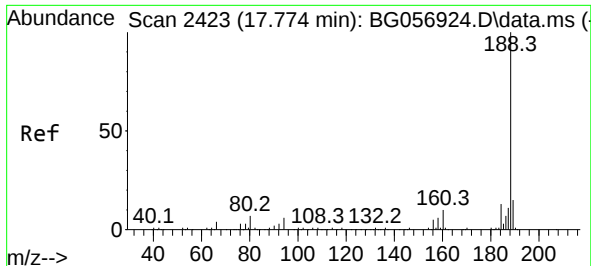
77 100

182 86.8 5.9 45.9#

105 140.1 0.0 36.8#

51 38.9 10.3 50.3

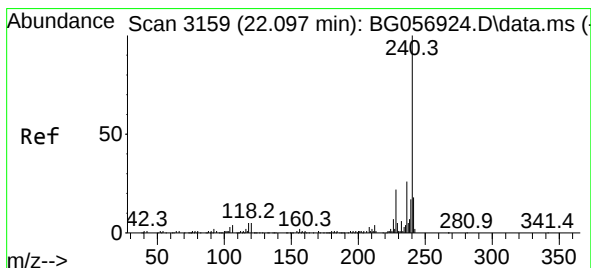
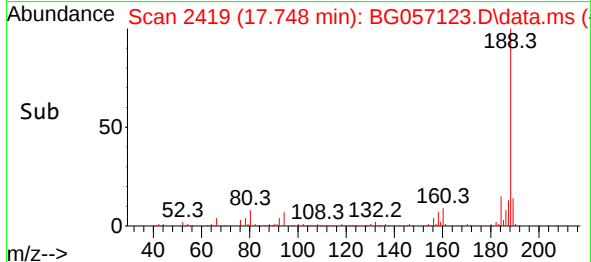
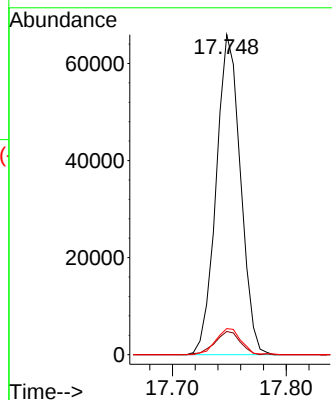
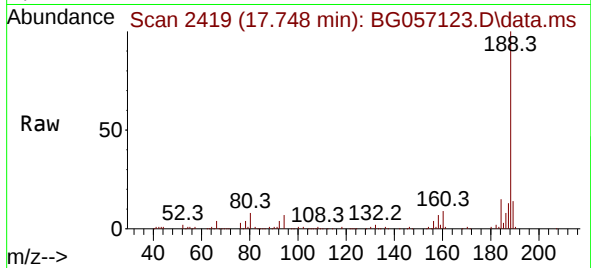




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.748 min Scan# 2419
Delta R.T. -0.016 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

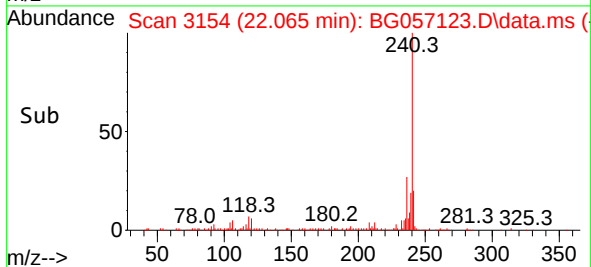
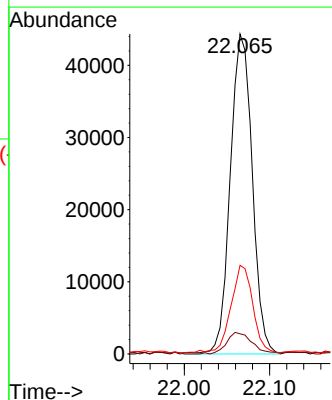
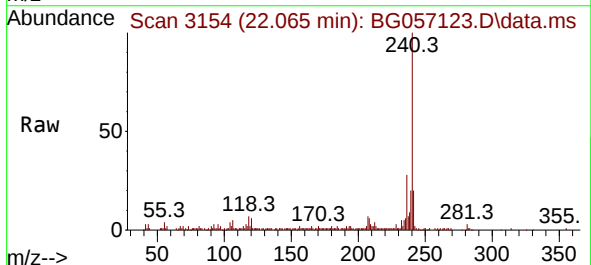
Instrument :
BNA_G
ClientSampleId :
SU-04-041423

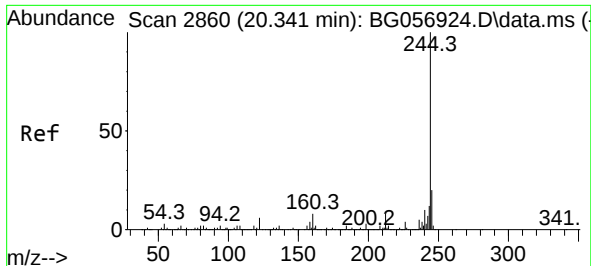
Tgt Ion:188 Resp: 98093
Ion Ratio Lower Upper
188 100
94 7.2 4.6 6.8#
80 8.1 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.065 min Scan# 3154
Delta R.T. -0.016 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

Tgt Ion:240 Resp: 79394
Ion Ratio Lower Upper
240 100
120 6.3 3.8 5.6#
236 27.7 21.0 31.6

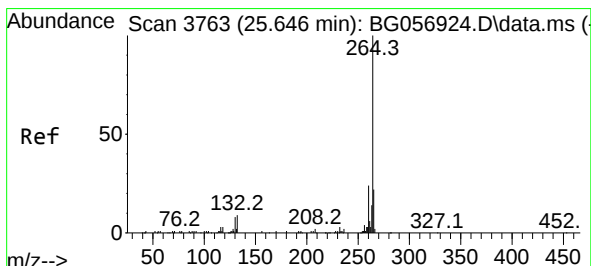
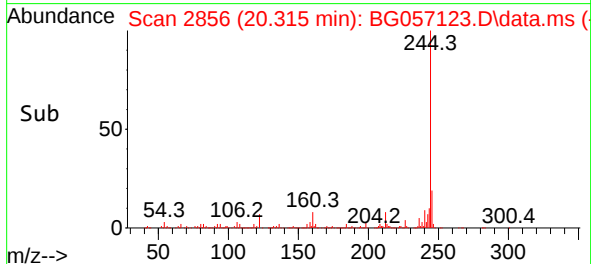
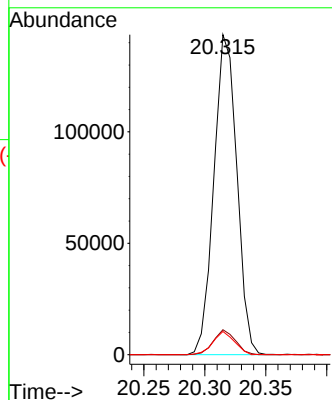
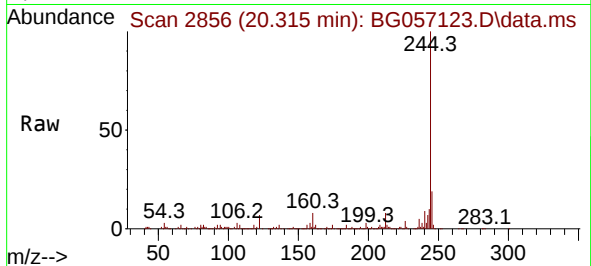




#79
 Terphenyl-d14
 Concen: 40.134 ng
 RT: 20.315 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG057123.D
 Acq: 17 Apr 2023 23:16

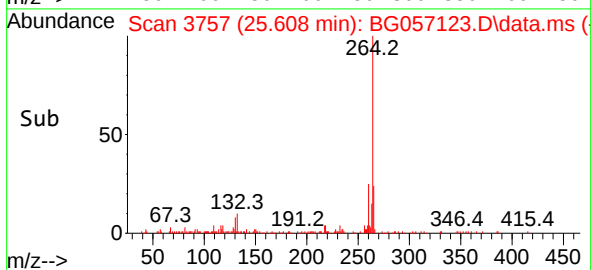
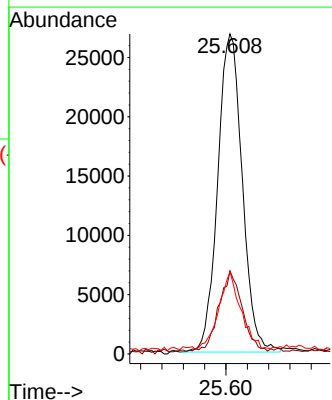
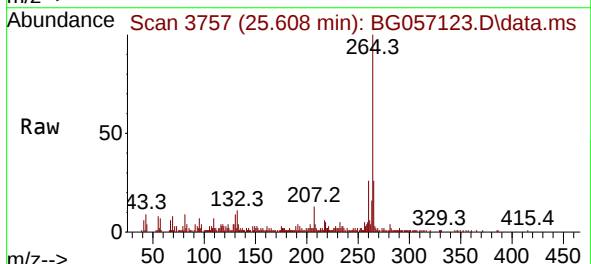
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-041423

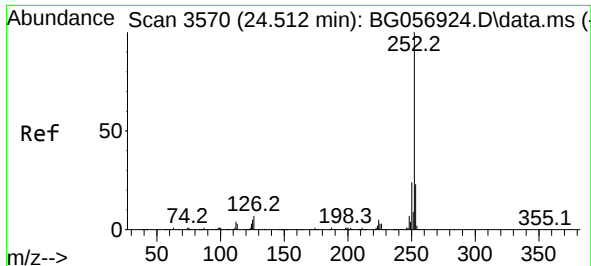
Tgt Ion:244 Resp: 188302
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 7.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.608 min Scan# 3757
 Delta R.T. -0.004 min
 Lab File: BG057123.D
 Acq: 17 Apr 2023 23:16

Tgt Ion:264 Resp: 85737
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.0 28.4
 265 25.7 17.8 26.6

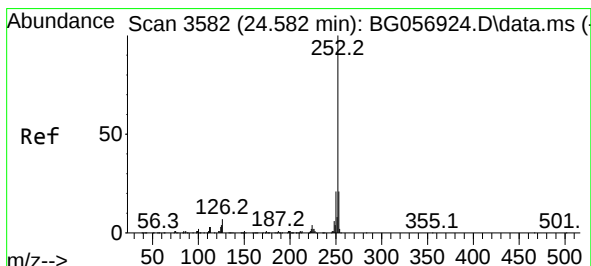
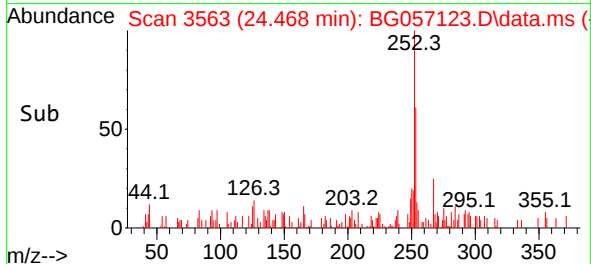
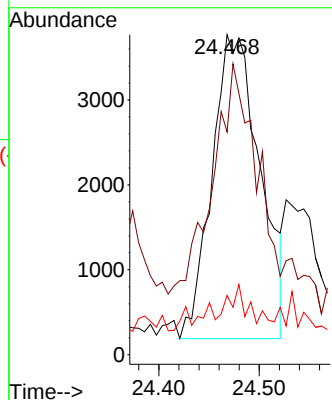
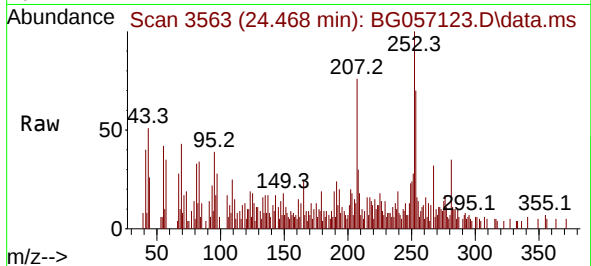




#88
Benzo(b)fluoranthene
Concen: 2.215 ng
RT: 24.468 min Scan# 3563
Delta R.T. -0.016 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

Instrument :
BNA_G
ClientSampleId :
SU-04-041423

Tgt Ion:252 Resp: 11876
Ion Ratio Lower Upper
252 100
253 69.6 18.1 27.1#
125 18.5 4.2 6.4#



#89
Benzo(k)fluoranthene
Concen: 2.219 ng
RT: 24.468 min Scan# 3563
Delta R.T. -0.092 min
Lab File: BG057123.D
Acq: 17 Apr 2023 23:16

Tgt Ion:252 Resp: 11876
Ion Ratio Lower Upper
252 100
253 69.6 17.1 25.7#
125 18.5 3.8 5.6#

