

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058820.D
 Acq On : 23 Aug 2023 13:32
 Operator : MA/JU
 Sample : 04075-02DL2 250X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB04-Z23-24DL2

Quant Time: Aug 23 14:03:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

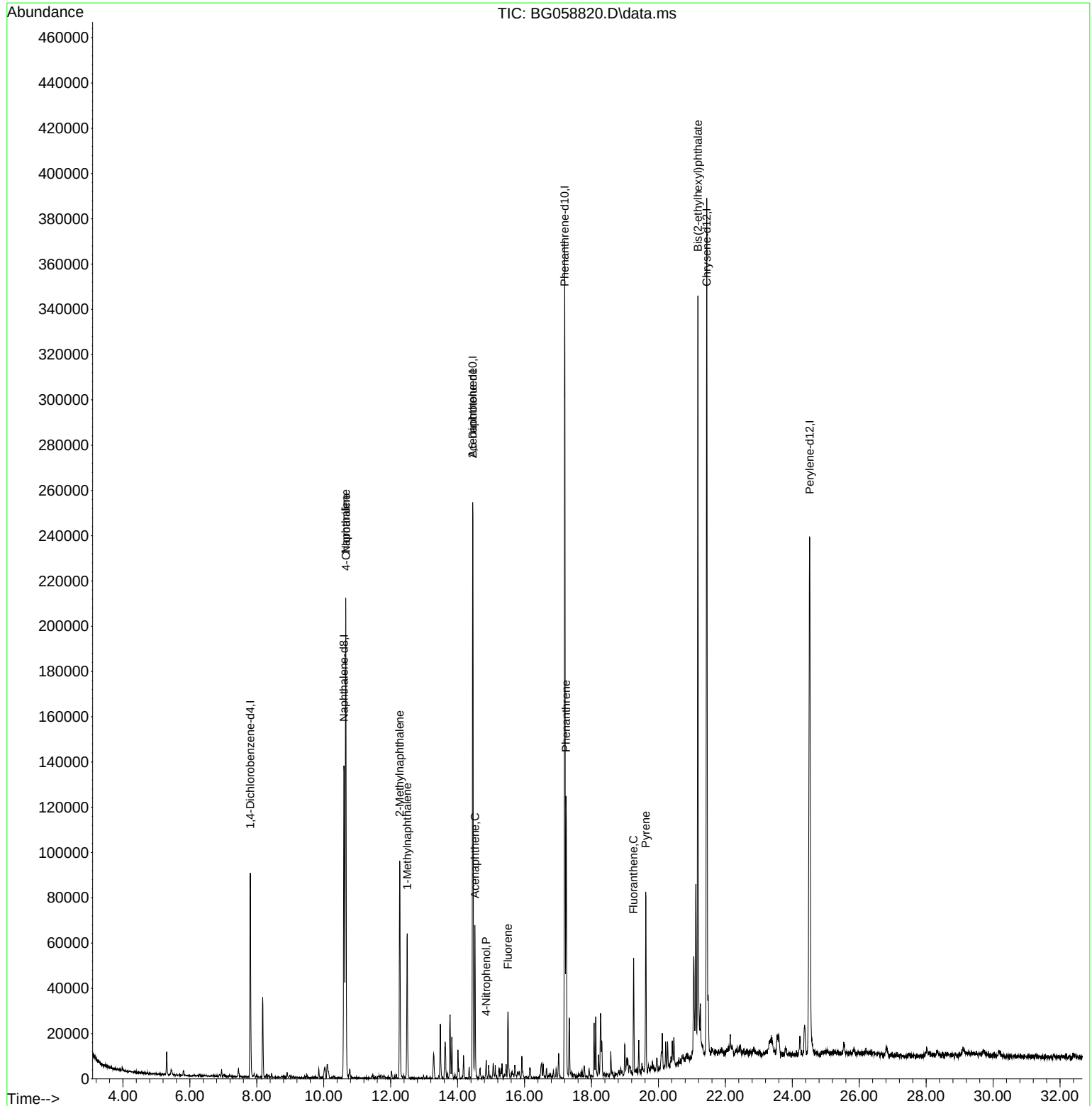
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	26041	20.000	ng	0.00
21) Naphthalene-d8	10.603	136	120189	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	96165	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	240194	20.000	ng	0.00
76) Chrysene-d12	21.443	240	210062	20.000	ng	0.00
86) Perylene-d12	24.522	264	260351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.397	112	61	0.038	ng	0.02
7) Phenol-d6	7.013	99	94	0.041	ng	0.03
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.077	172	1020	0.154	ng	0.00
79) Terphenyl-d14	19.822	244	2347	0.201	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.656	128	176773	28.012	ng	99
33) 4-Chloroaniline	10.662	127	22890	8.601	ng	# 33
37) 2-Methylnaphthalene	12.272	142	49860	11.001	ng	100
38) 1-Methylnaphthalene	12.495	142	30454	7.078	ng	97
51) 2,6-Dinitrotoluene	14.451	165	13123	8.389	ng	# 24
52) Acenaphthene	14.522	154	23896	4.776	ng	93
56) 4-Nitrophenol	14.857	139	723	5.083	ng	# 1
58) Fluorene	15.509	166	16182	2.356	ng	94
71) Phenanthrene	17.242	178	80108	6.947	ng	99
75) Fluoranthene	19.258	202	33326	2.331	ng	97
78) Pyrene	19.622	202	54439	3.719	ng	97
84) Bis(2-ethylhexyl)phtha...	21.179	149	145322	16.692	ng	# 53

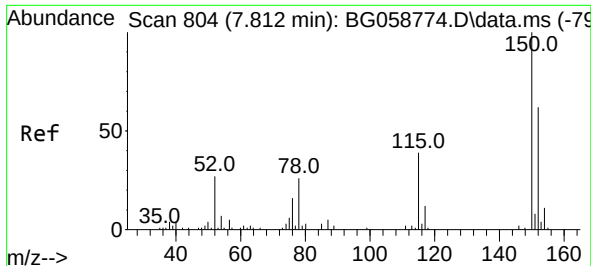
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
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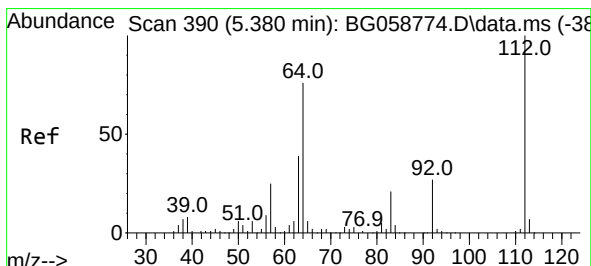
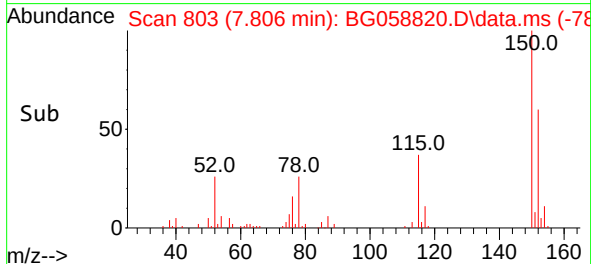
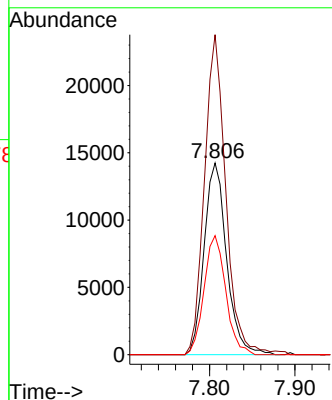
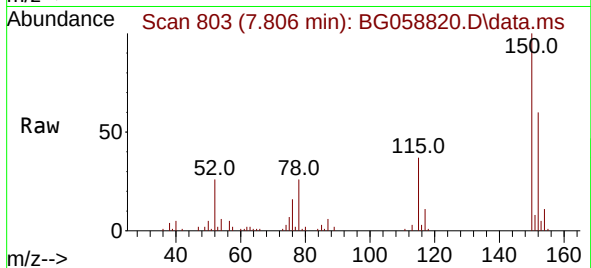




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

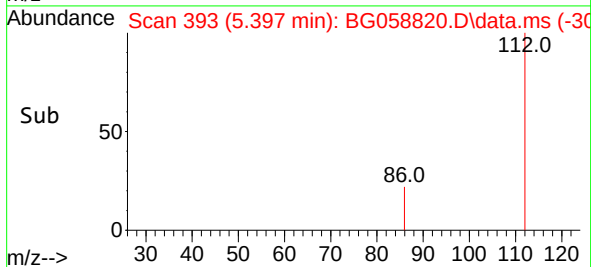
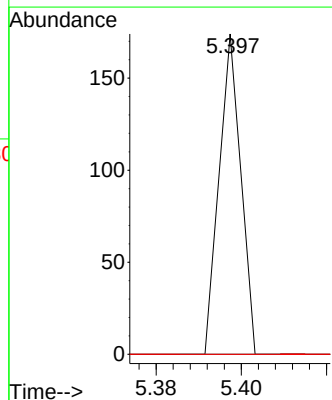
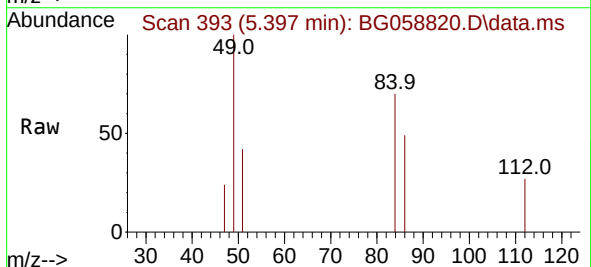
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB04-Z23-24DL2

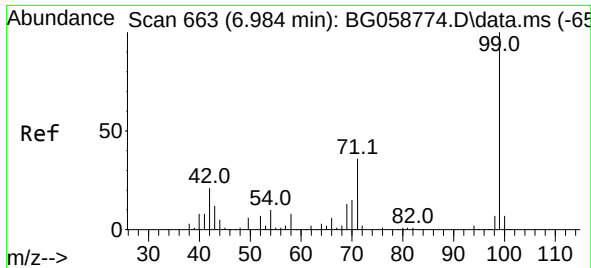
Tgt Ion:152 Resp: 26041
Ion Ratio Lower Upper
152 100
150 166.9 128.6 192.8
115 62.1 50.4 75.6



#5
2-Fluorophenol
Concen: 0.038 ng
RT: 5.397 min Scan# 393
Delta R.T. 0.017 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

Tgt Ion:112 Resp: 61
Ion Ratio Lower Upper
112 100
64 0.0 60.6 90.8#
63 0.0 31.0 46.4#

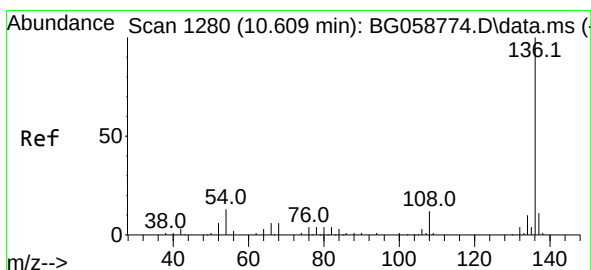
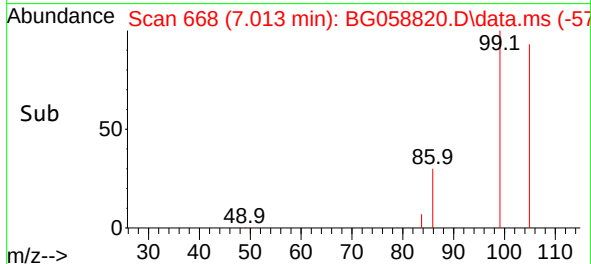
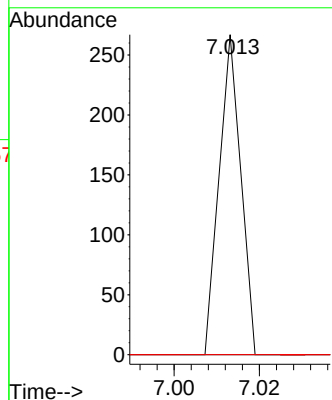
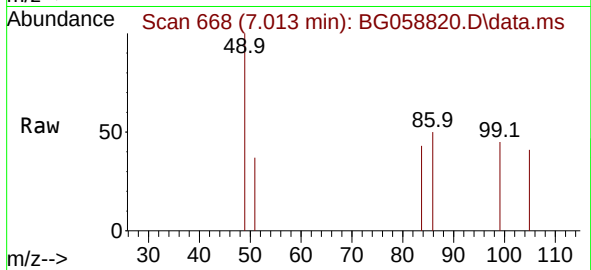




#7
Phenol-d6
Concen: 0.041 ng
RT: 7.013 min Scan# 60
Delta R.T. 0.029 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

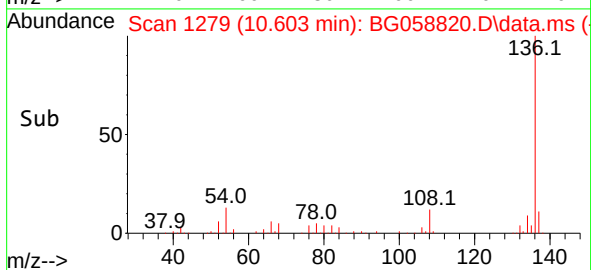
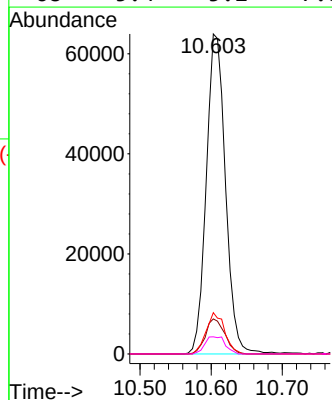
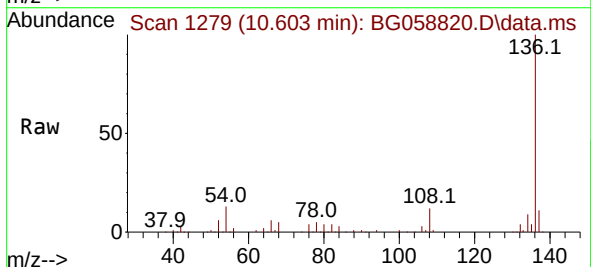
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB04-Z23-24DL2

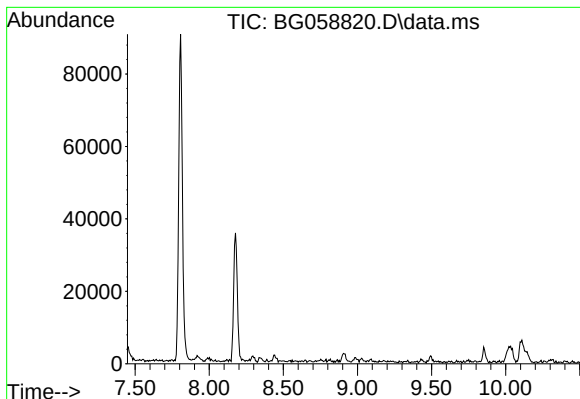
Tgt Ion: 99 Resp: 94
Ion Ratio Lower Upper
99 100
42 0.0 16.5 24.7#
71 0.0 28.4 42.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

Tgt Ion: 136 Resp: 120189
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 12.9 10.1 15.1
68 5.4 5.2 7.8

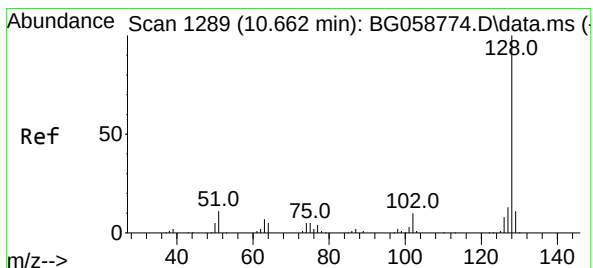
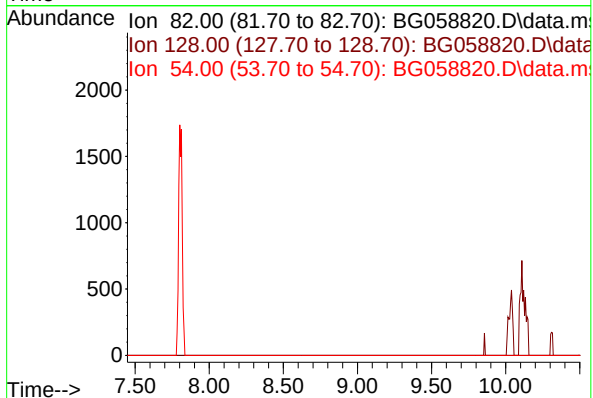




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 8.98 min
 Lab File: BG058820.D
 Acq: 23 Aug 2023 13:32

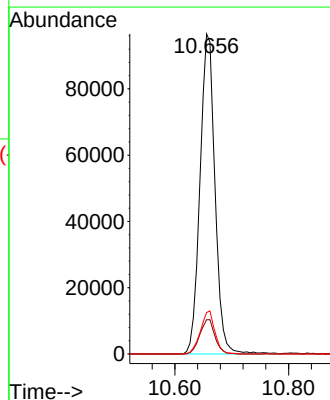
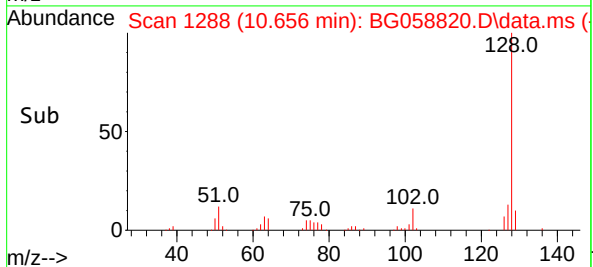
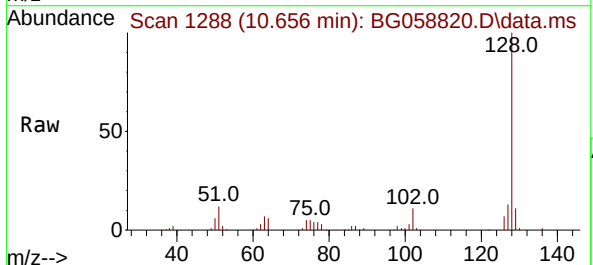
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB04-Z23-24DL2

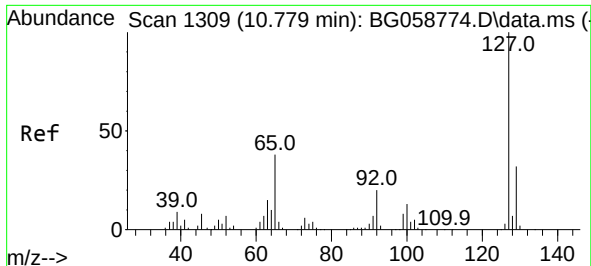
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 41.5
 54 64.0



#31
 Naphthalene
 Concen: 28.012 ng
 RT: 10.656 min Scan# 1288
 Delta R.T. -0.006 min
 Lab File: BG058820.D
 Acq: 23 Aug 2023 13:32

Tgt Ion:128 Resp: 176773
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.9 13.3
 127 13.0 10.6 15.8

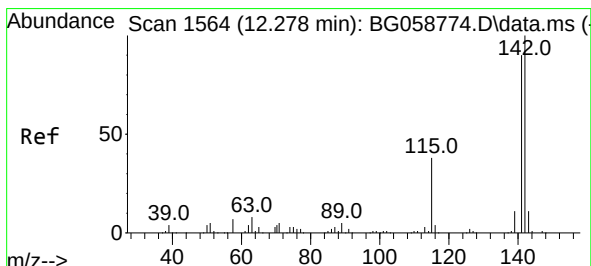
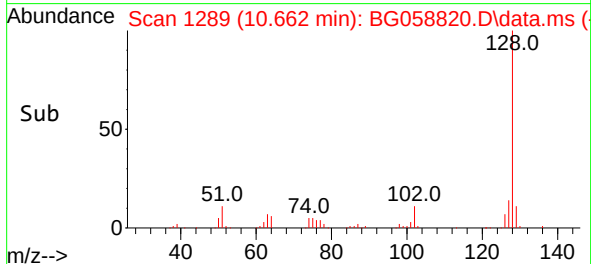
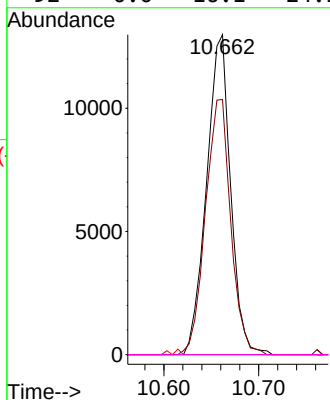
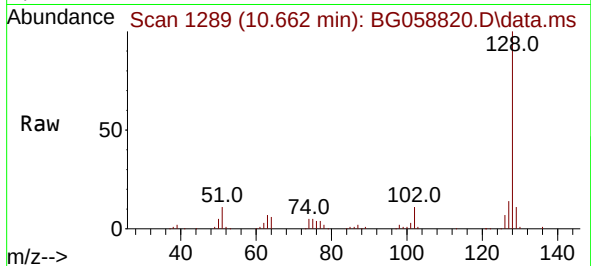




#33
4-Chloroaniline
Concen: 8.601 ng
RT: 10.662 min Scan# 11
Delta R.T. -0.118 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

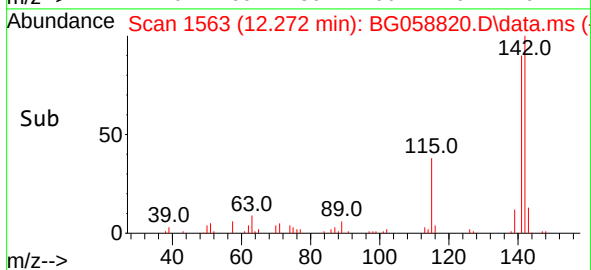
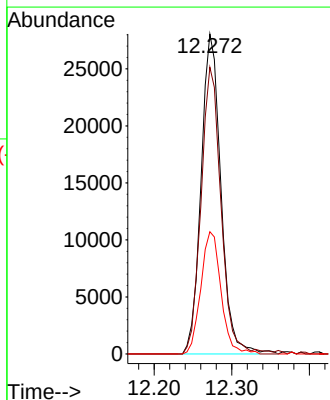
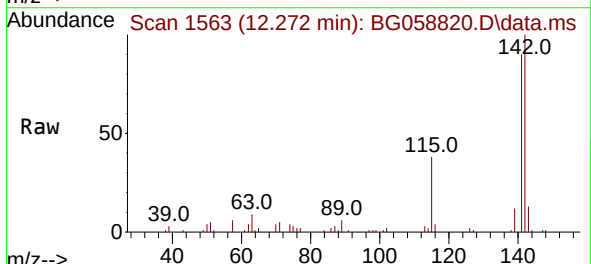
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB04-Z23-24DL2

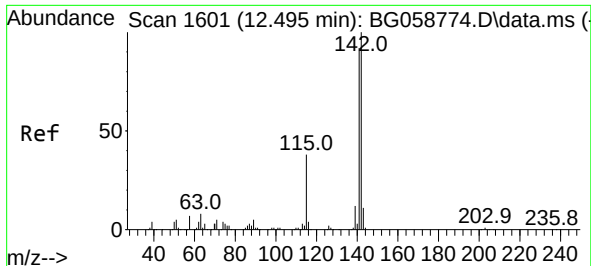
Tgt Ion:	127	Resp:	22890
Ion	Ratio	Lower	Upper
127	100		
129	79.7	25.2	37.8#
65	0.0	30.5	45.7#
92	0.0	16.1	24.1#



#37
2-Methylnaphthalene
Concen: 11.001 ng
RT: 12.272 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

Tgt Ion:	142	Resp:	49860
Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.8	107.8
115	38.2	30.6	45.8

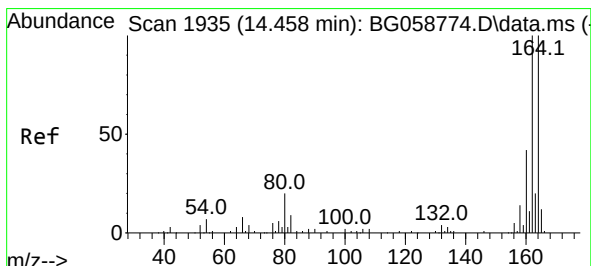
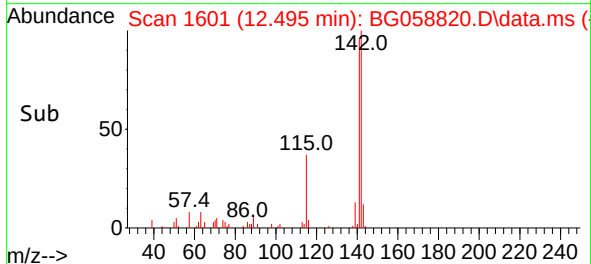
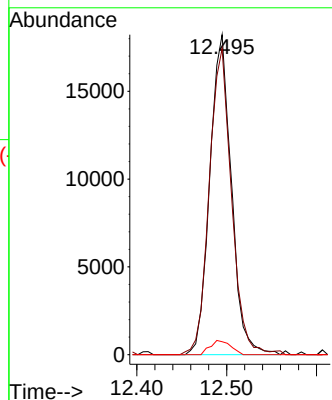
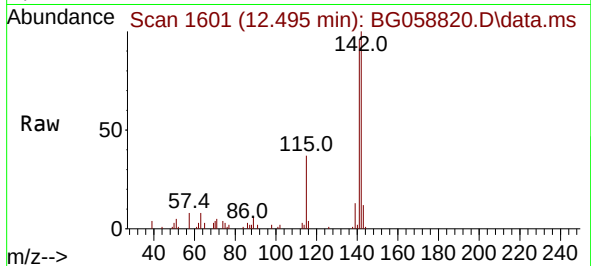




#38
1-Methylnaphthalene
Concen: 7.078 ng
RT: 12.495 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

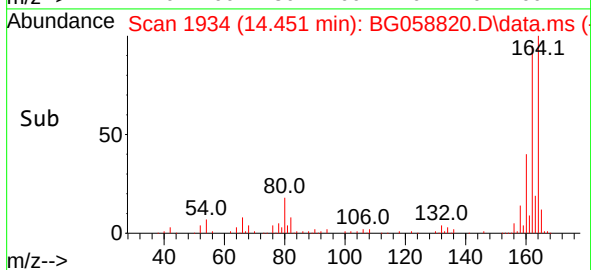
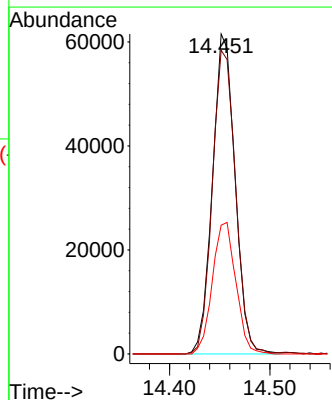
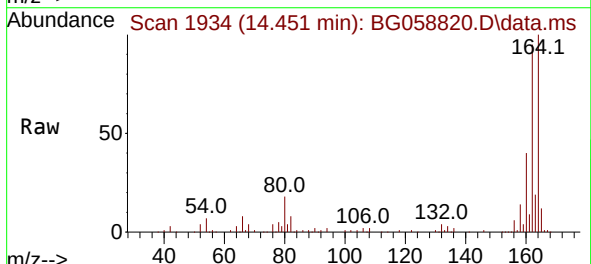
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB04-Z23-24DL2

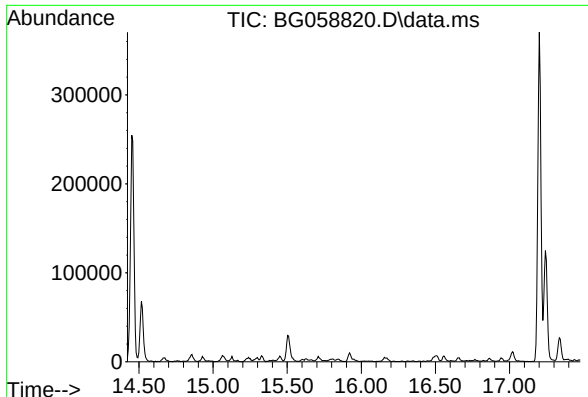
Tgt Ion:142 Resp: 30454
Ion Ratio Lower Upper
142 100
141 95.7 73.9 110.9
116 4.0 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

Tgt Ion:164 Resp: 96165
Ion Ratio Lower Upper
164 100
162 94.9 79.6 119.4
160 40.2 34.0 51.0



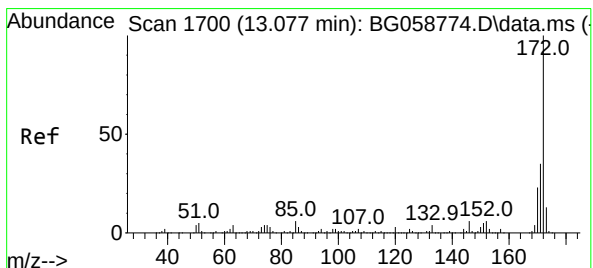
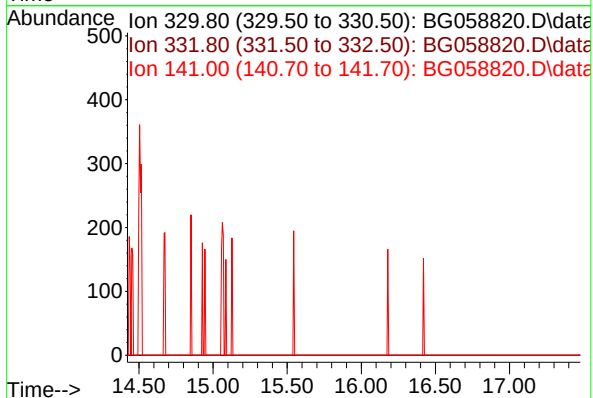


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.95 min
 Lab File: BG058820.D
 Acq: 23 Aug 2023 13:32

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB04-Z23-24DL2

Tgt Ion: 330

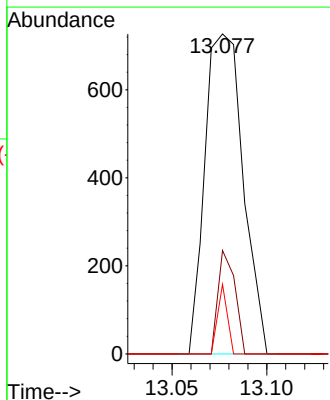
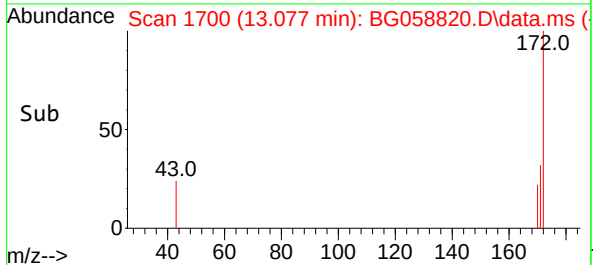
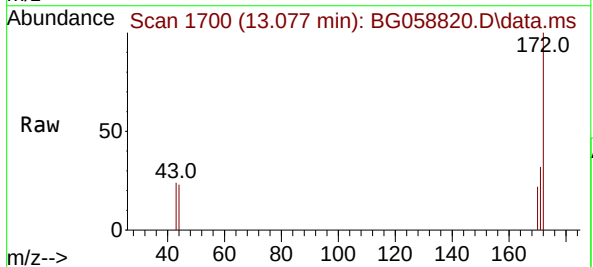
Sig	Exp Ratio
330	100
332	98.1
141	28.8

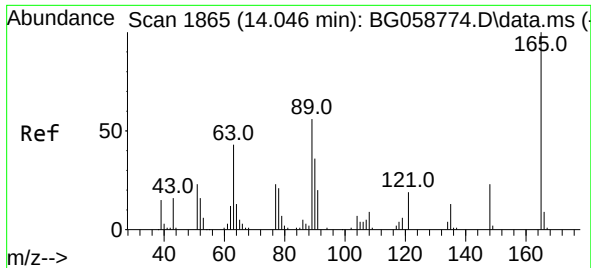


#45
 2-Fluorobiphenyl
 Concen: 0.154 ng
 RT: 13.077 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: BG058820.D
 Acq: 23 Aug 2023 13:32

Tgt Ion: 172 Resp: 1020

Ion	Ratio	Lower	Upper
172	100		
171	32.3	28.1	42.1
170	21.7	18.6	27.8

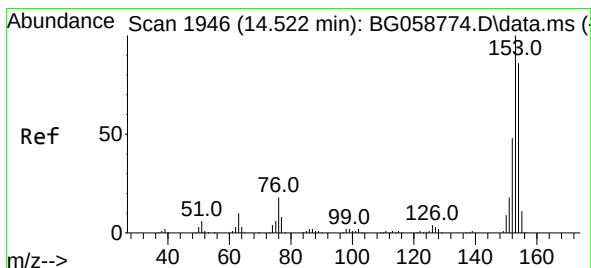
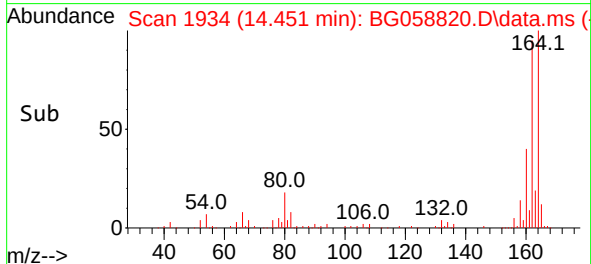
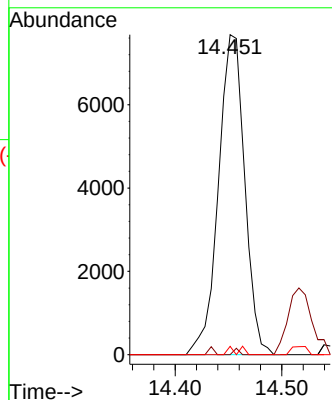
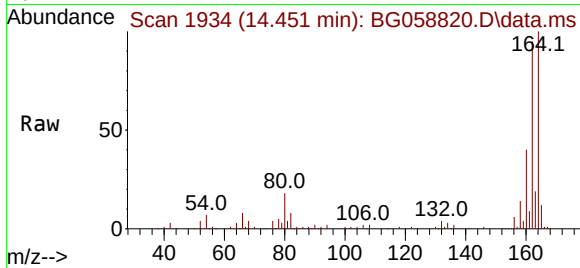




#51
2,6-Dinitrotoluene
Concen: 8.389 ng
RT: 14.451 min Scan# 1934
Delta R.T. 0.405 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

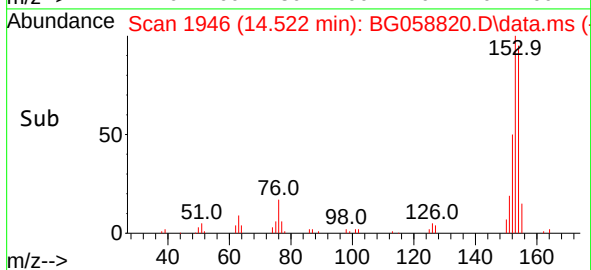
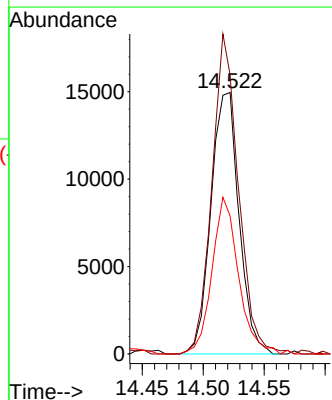
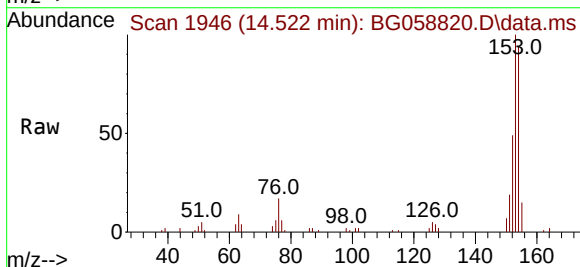
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB04-Z23-24DL2

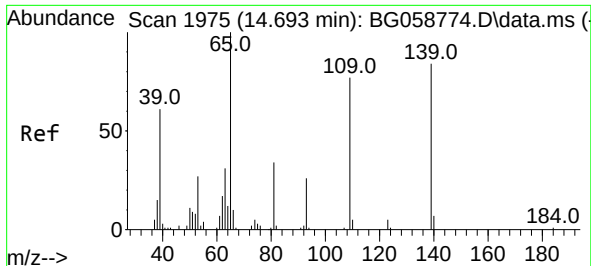
Tgt Ion:165 Resp: 13123
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 2.6 45.0 67.4#



#52
Acenaphthene
Concen: 4.776 ng
RT: 14.522 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

Tgt Ion:154 Resp: 23896
Ion Ratio Lower Upper
154 100
153 106.6 92.7 139.1
152 52.7 44.2 66.2

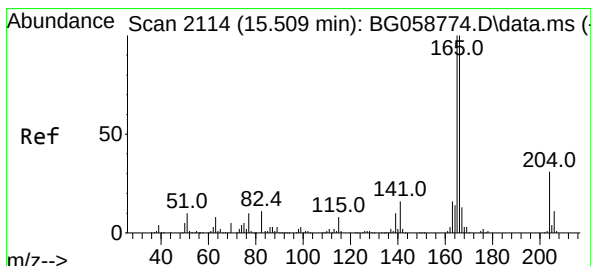
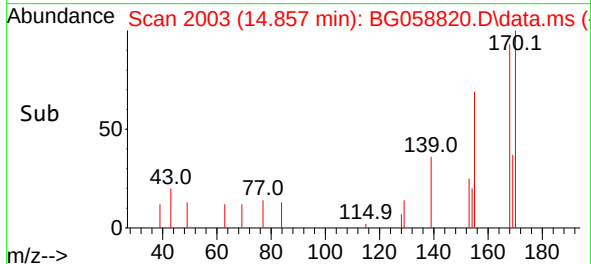
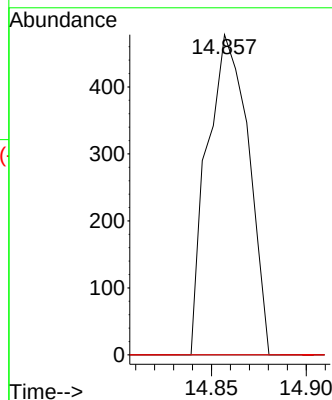
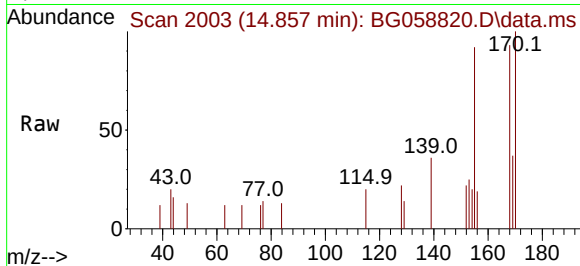




#56
4-Nitrophenol
Concen: 5.083 ng
RT: 14.857 min Scan# 20
Delta R.T. 0.164 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

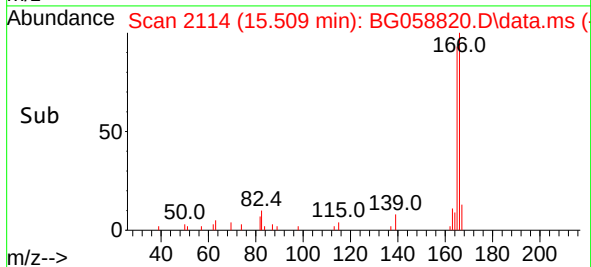
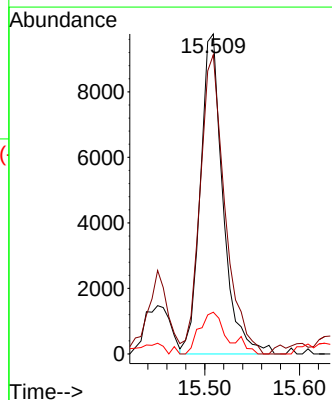
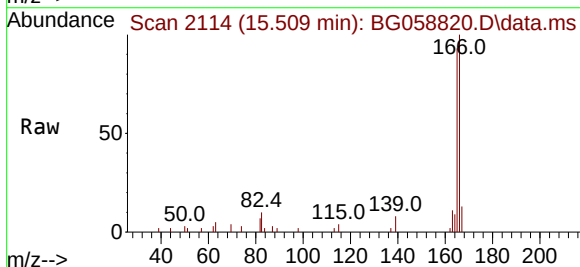
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB04-Z23-24DL2

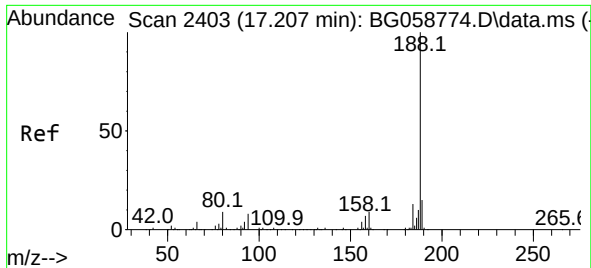
Tgt Ion:139 Resp: 723
Ion Ratio Lower Upper
139 100
109 0.0 71.9 111.9#
65 0.0 100.7 140.7#



#58
Fluorene
Concen: 2.356 ng
RT: 15.509 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

Tgt Ion:166 Resp: 16182
Ion Ratio Lower Upper
166 100
165 93.5 79.9 119.9
167 13.0 10.7 16.1

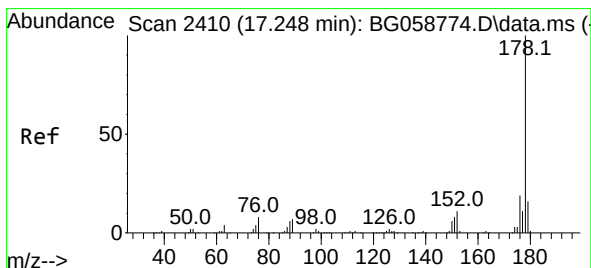
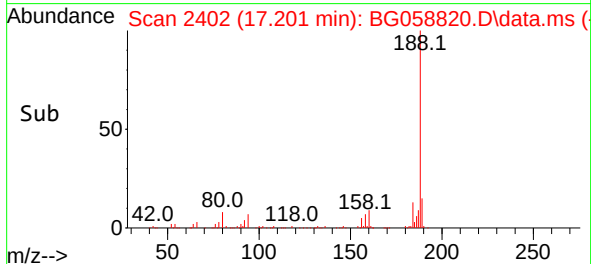
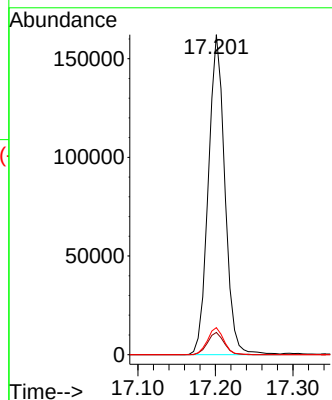
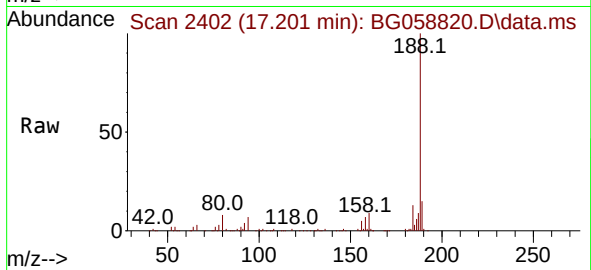




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

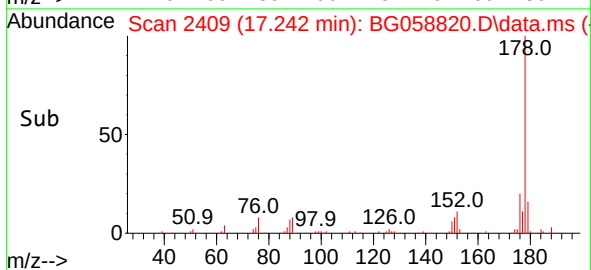
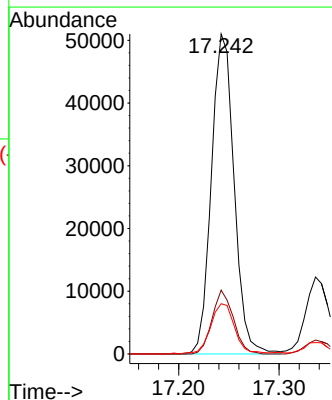
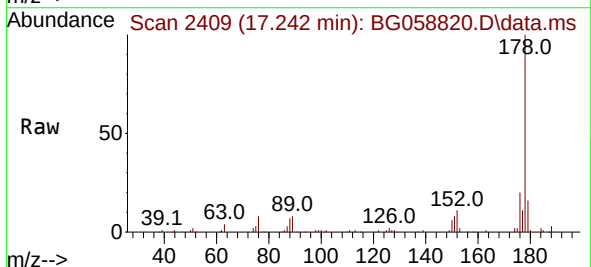
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB04-Z23-24DL2

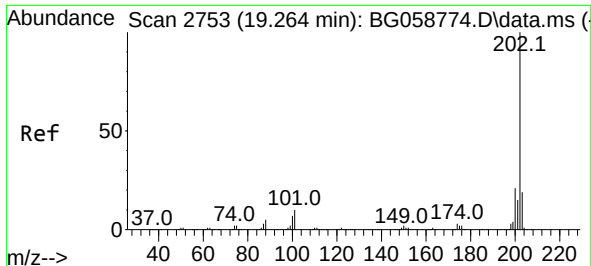
Tgt Ion:188 Resp: 240194
Ion Ratio Lower Upper
188 100
94 6.9 6.1 9.1
80 8.5 6.9 10.3



#71
Phenanthrene
Concen: 6.947 ng
RT: 17.242 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

Tgt Ion:178 Resp: 80108
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.7 13.0 19.4

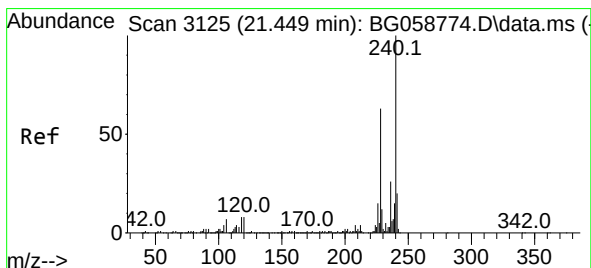
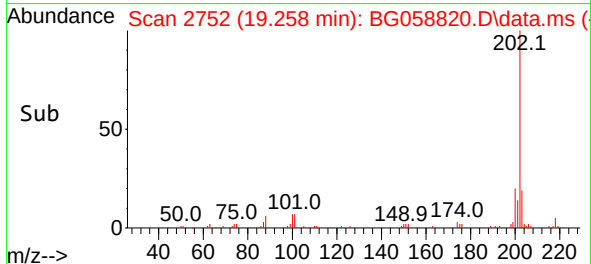
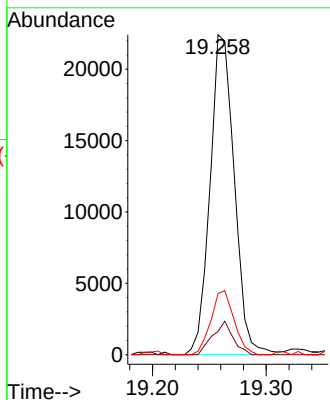
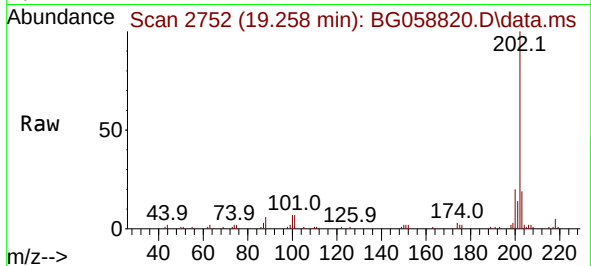




#75
Fluoranthene
Concen: 2.331 ng
RT: 19.258 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

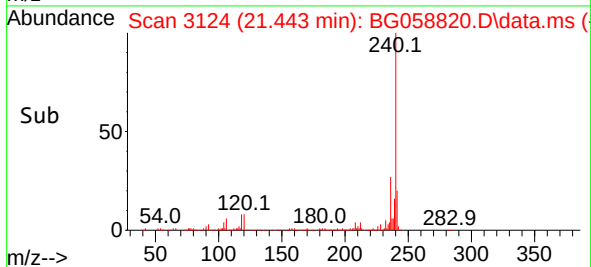
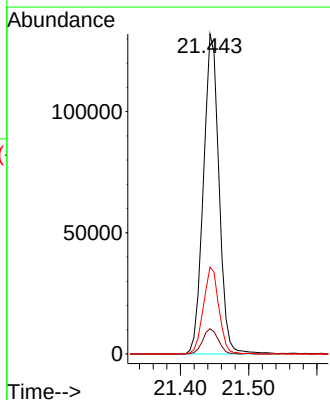
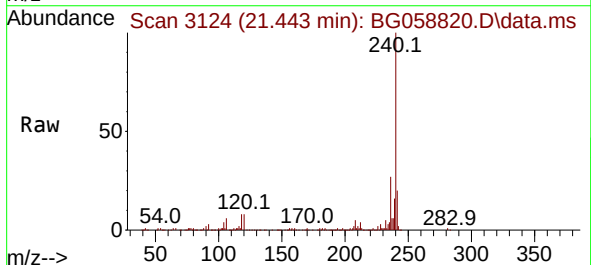
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB04-Z23-24DL2

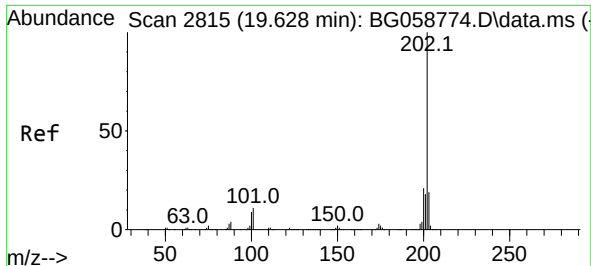
Tgt Ion:202 Resp: 33326
Ion Ratio Lower Upper
202 100
101 7.2 0.0 29.7
203 19.1 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG058820.D
Acq: 23 Aug 2023 13:32

Tgt Ion:240 Resp: 210062
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.2
236 27.1 20.5 30.7

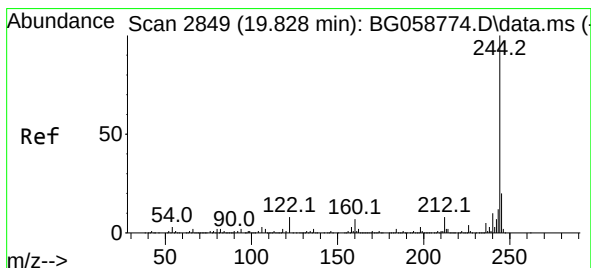
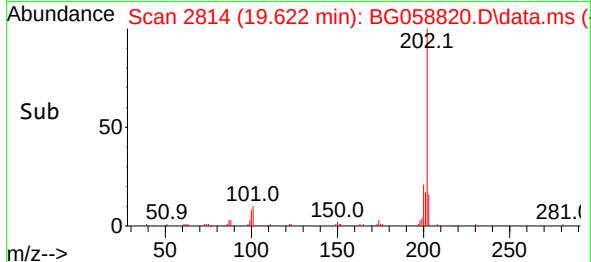
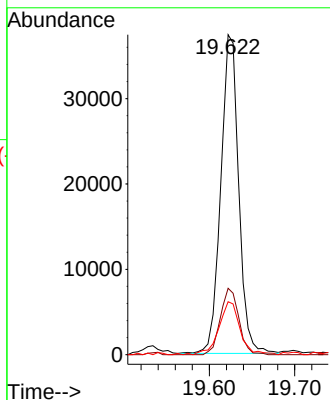
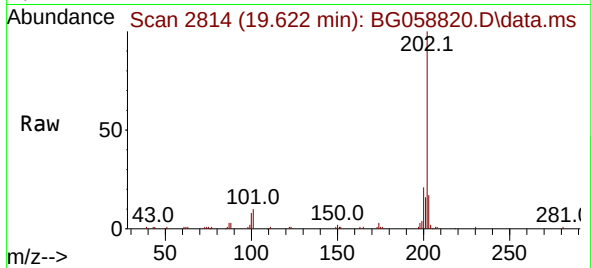




#78
 Pyrene
 Concen: 3.719 ng
 RT: 19.622 min Scan# 2815
 Delta R.T. -0.006 min
 Lab File: BG058820.D
 Acq: 23 Aug 2023 13:32

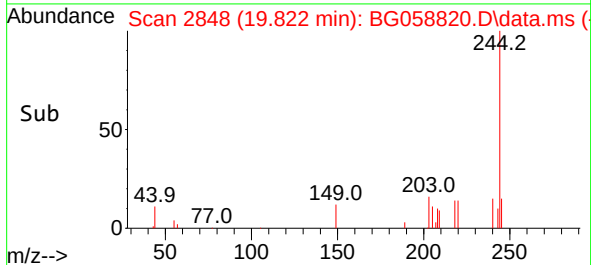
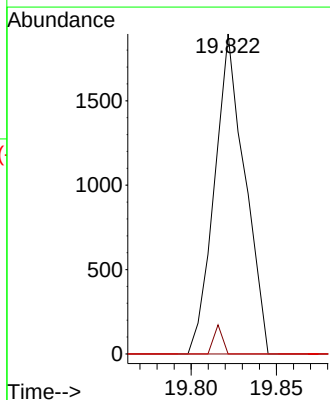
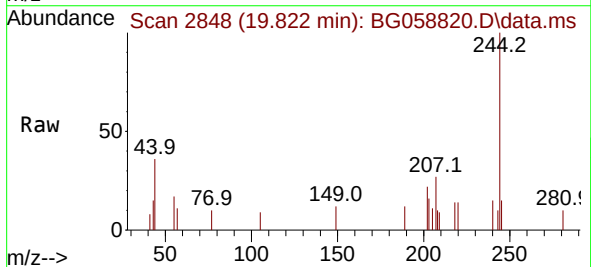
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB04-Z23-24DL2

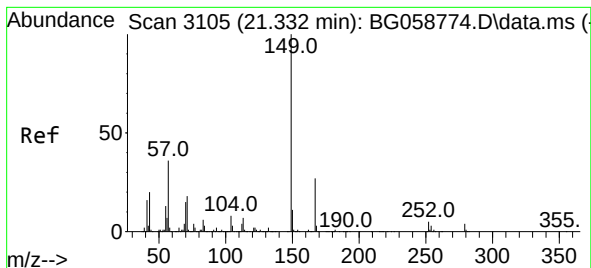
Tgt Ion:	202	Resp:	54439
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.7	25.1
203	16.6	15.3	22.9



#79
 Terphenyl-d14
 Concen: 0.201 ng
 RT: 19.822 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BG058820.D
 Acq: 23 Aug 2023 13:32

Tgt Ion:	244	Resp:	2347
Ion Ratio	Lower	Upper	
244	100		
212	0.0	6.2	9.2#
122	0.0	6.3	9.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 16.692 ng

RT: 21.179 min Scan# 30

Delta R.T. -0.153 min

Lab File: BG058820.D

Acq: 23 Aug 2023 13:32

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB04-Z23-24DL2

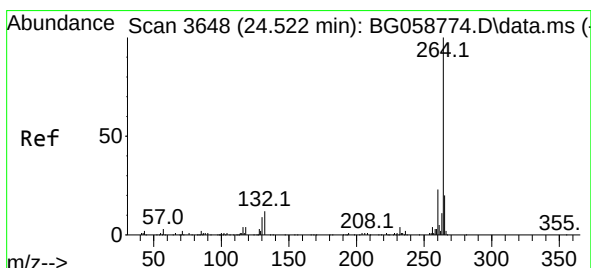
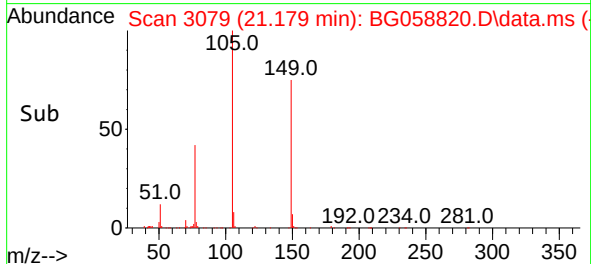
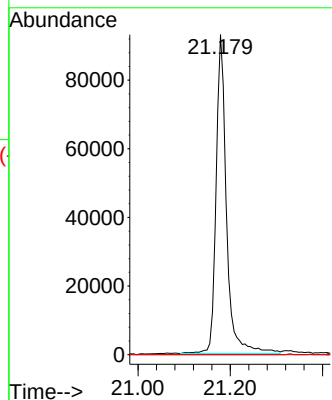
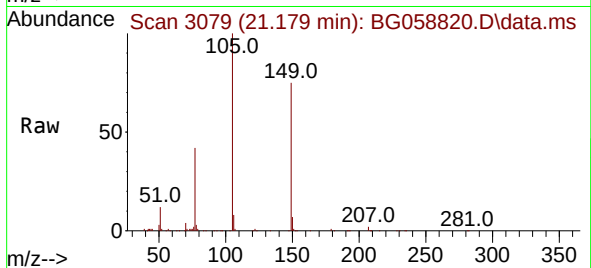
Tgt Ion:149 Resp: 145322

Ion Ratio Lower Upper

149 100

167 0.0 21.7 32.5#

279 0.0 3.2 4.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.522 min Scan# 3648

Delta R.T. -0.000 min

Lab File: BG058820.D

Acq: 23 Aug 2023 13:32

Tgt Ion:264 Resp: 260351

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 22.2 16.4 24.6

