

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
 Data File : BG058894.D
 Acq On : 29 Aug 2023 19:29
 Operator : MA/JU
 Sample : 04183-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-02-082523

Quant Time: Aug 29 21:28:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 14:27:28 2023
 Response via : Initial Calibration

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

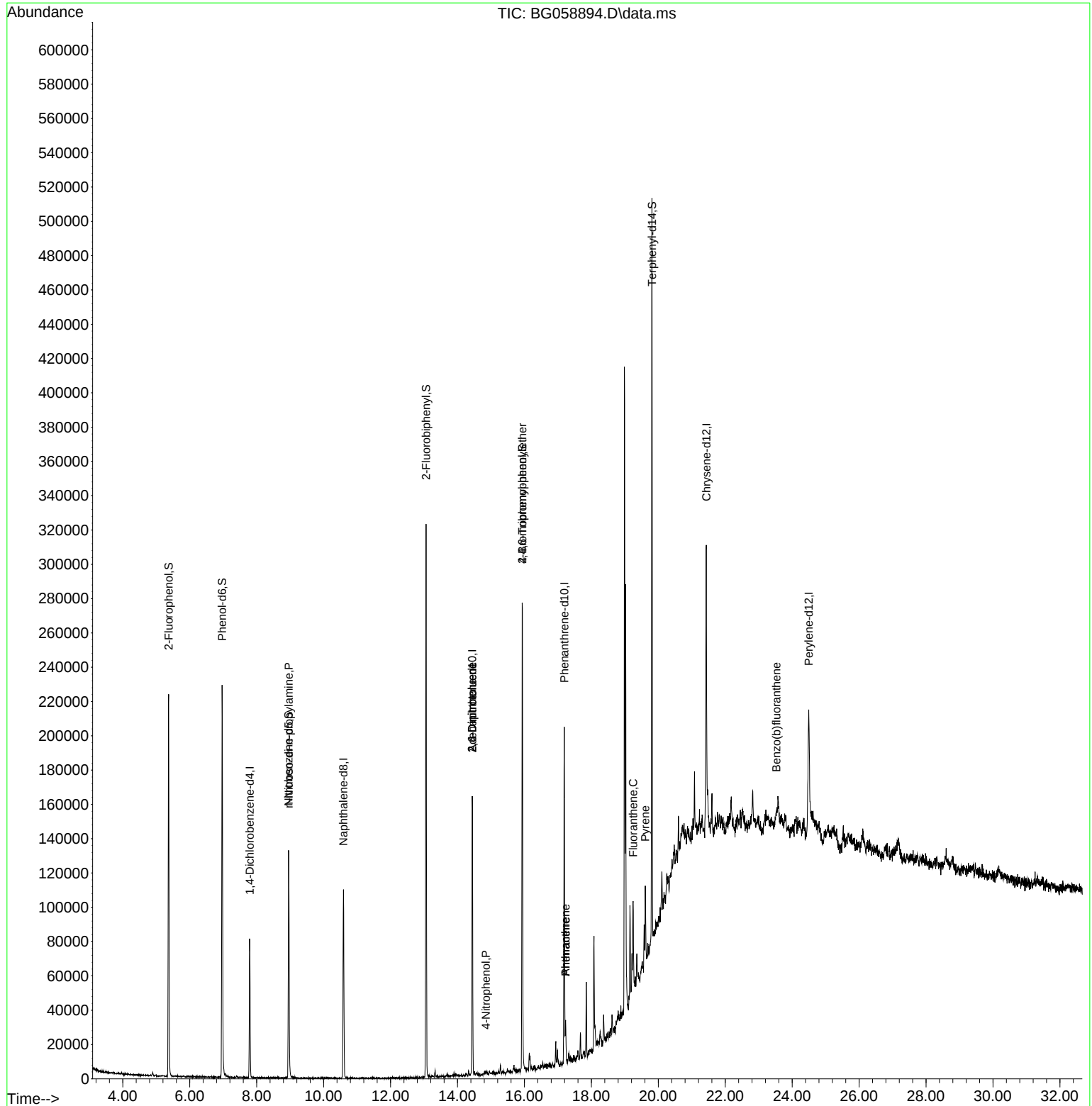
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	22330	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	92897	20.000	ng	# 0.00
39) Acenaphthene-d10	14.440	164	60673	20.000	ng	0.00
64) Phenanthrene-d10	17.190	188	124712	20.000	ng	0.00
76) Chrysene-d12	21.432	240	97738	20.000	ng	0.00
86) Perylene-d12	24.493	264	93328	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.368	112	93556	67.423	ng	0.01
7) Phenol-d6	6.966	99	128218	65.860	ng	0.00
23) Nitrobenzene-d5	8.952	82	80735	41.783	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	62124	65.302	ng	0.00
45) 2-Fluorobiphenyl	13.059	172	174750	41.891	ng	0.00
79) Terphenyl-d14	19.810	244	213192	39.167	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.958	70	10571	8.400	ng	# 69
51) 2,6-Dinitrotoluene	14.440	165	7699	7.801	ng	# 22
56) 4-Nitrophenol	14.845	139	62	4.543	ng	# 10
57) 2,4-Dinitrotoluene	14.440	165	7699	5.593	ng	# 19
67) 4-Bromophenyl-phenylether	15.938	248	3773	2.757	ng	# 1
71) Phenanthrene	17.231	178	14360	2.399	ng	96
72) Anthracene	17.231	178	14360	2.391	ng	96
75) Fluoranthene	19.246	202	25625	3.451	ng	98
78) Pyrene	19.610	202	25366	3.725	ng	98
88) Benzo(b)fluoranthene	23.524	252	10996	2.123	ng	# 54

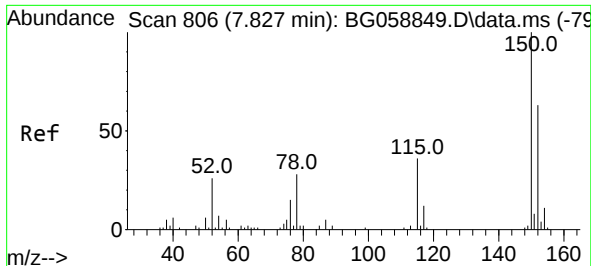
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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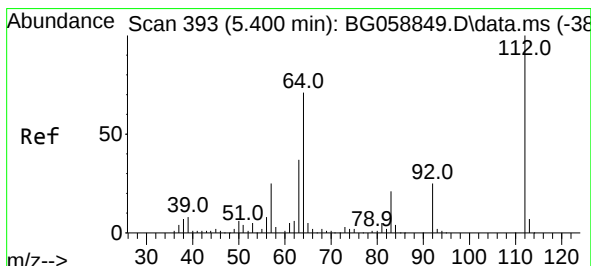
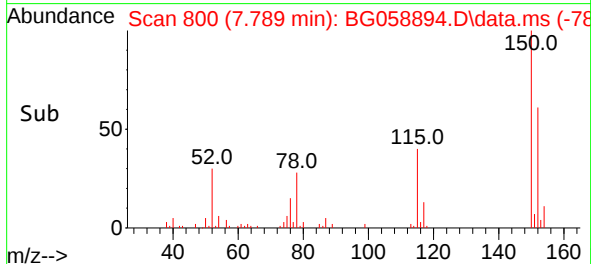
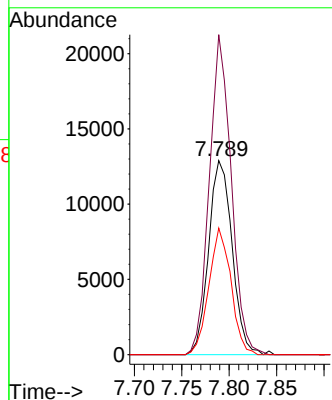
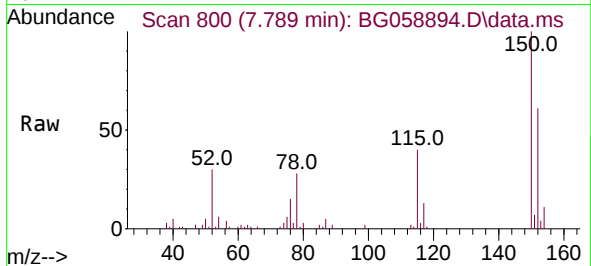




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.789 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

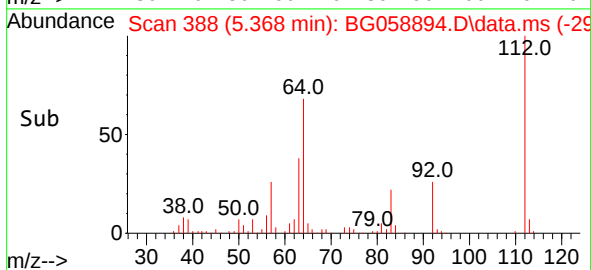
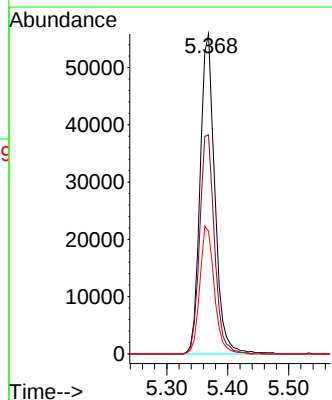
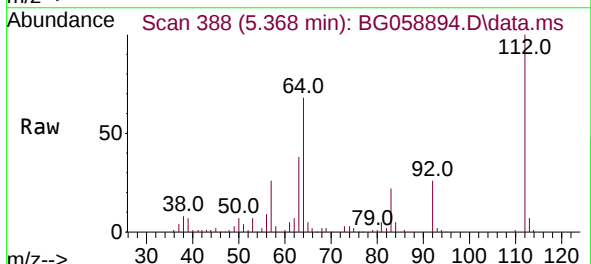
Instrument :
BNA_G
ClientSampleId :
HR-02-082523

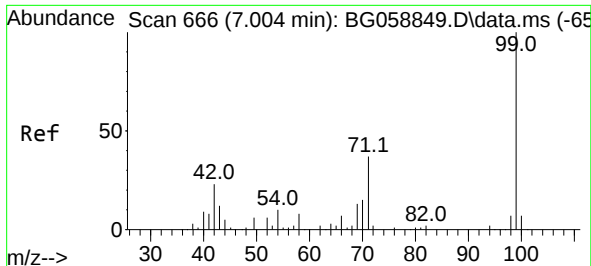
Tgt Ion:152 Resp: 22330
Ion Ratio Lower Upper
152 100
150 164.9 128.6 192.8
115 65.2 50.4 75.6



#5
2-Fluorophenol
Concen: 67.423 ng
RT: 5.368 min Scan# 388
Delta R.T. 0.012 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

Tgt Ion:112 Resp: 93556
Ion Ratio Lower Upper
112 100
64 68.4 60.6 90.8
63 38.4 31.0 46.4

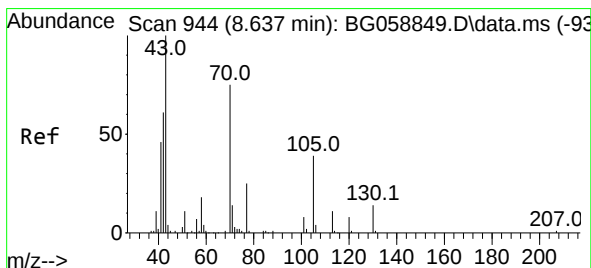
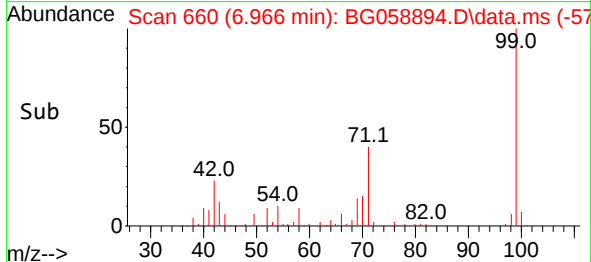
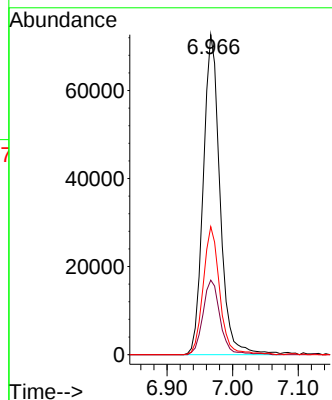
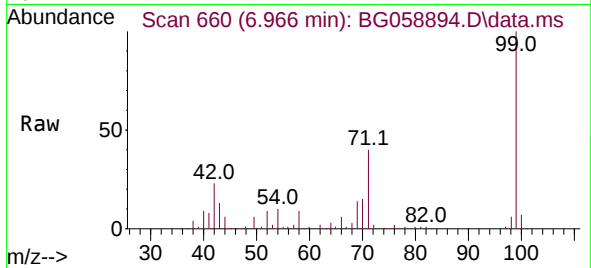




#7
Phenol-d6
Concen: 65.860 ng
RT: 6.966 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

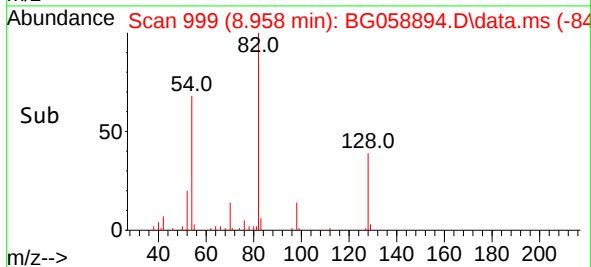
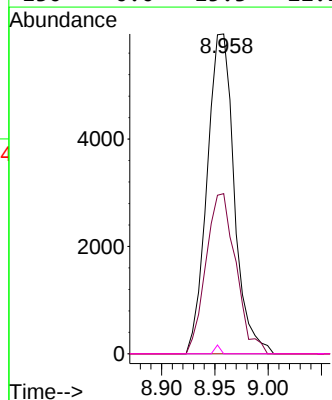
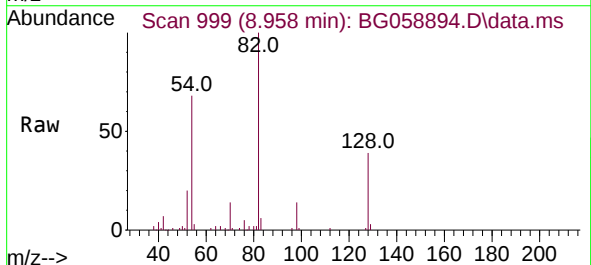
Instrument :
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ClientSampleId :
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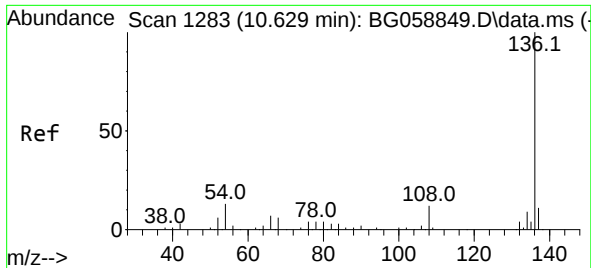
Tgt Ion: 99 Resp: 128218
Ion Ratio Lower Upper
99 100
42 23.3 16.5 24.7
71 40.0 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 8.400 ng
RT: 8.958 min Scan# 999
Delta R.T. 0.359 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

Tgt Ion: 70 Resp: 10571
Ion Ratio Lower Upper
70 100
42 50.1 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#

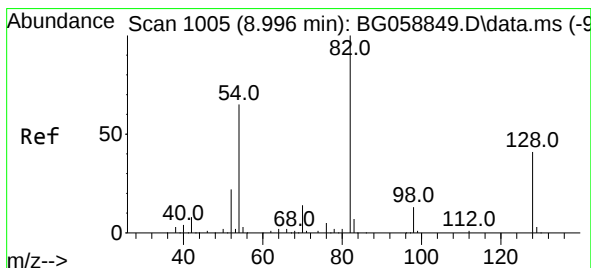
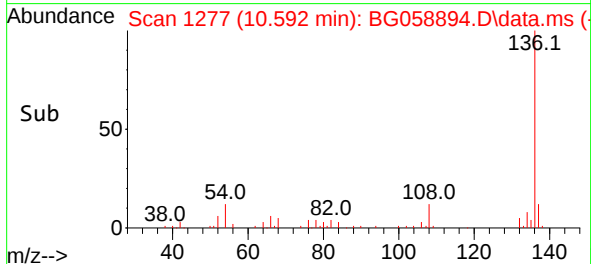
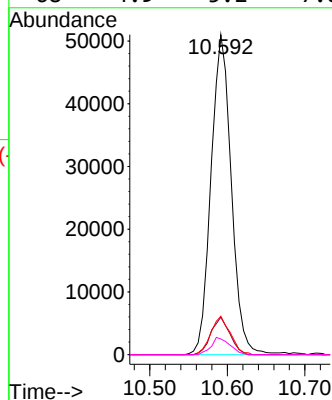
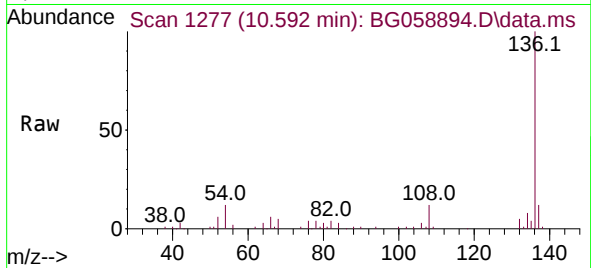




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

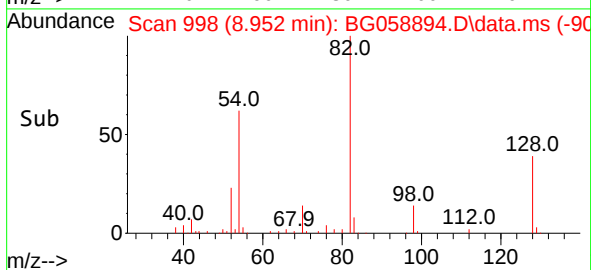
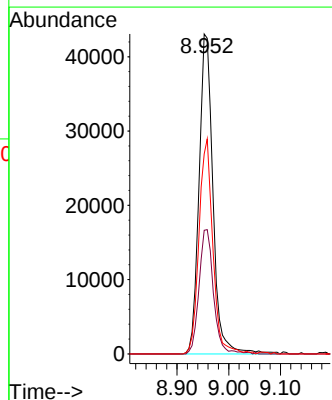
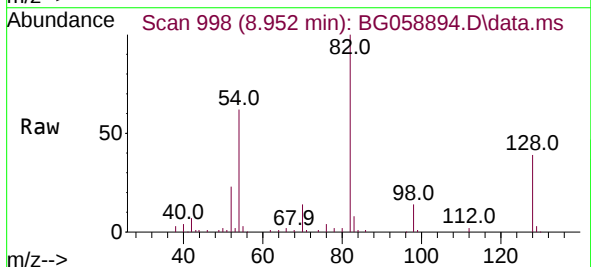
Instrument :
BNA_G
ClientSampleId :
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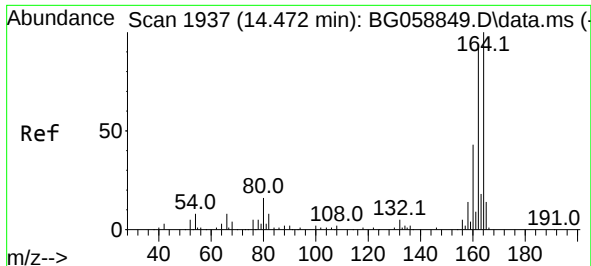
Tgt Ion:	136	Resp:	92897
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.7	13.1
54	12.0	10.1	15.1
68	4.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 41.783 ng
RT: 8.952 min Scan# 998
Delta R.T. -0.006 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

Tgt Ion:	82	Resp:	80735
Ion Ratio	Lower	Upper	
82	100		
128	38.6	33.2	49.8
54	62.5	51.2	76.8

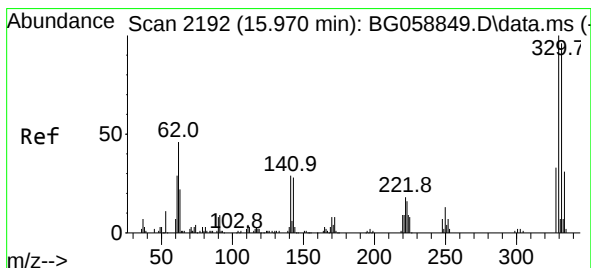
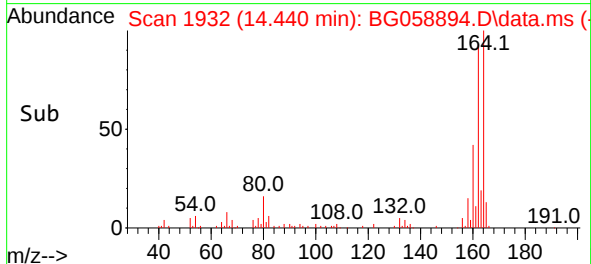
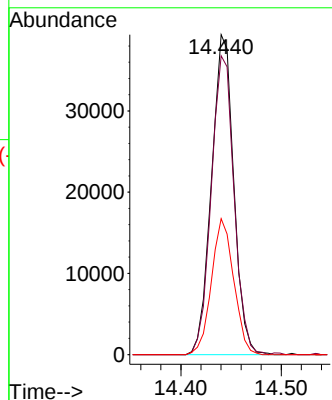
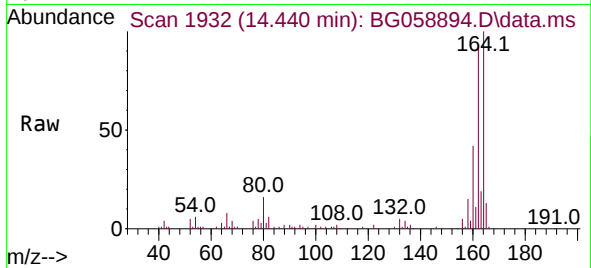




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

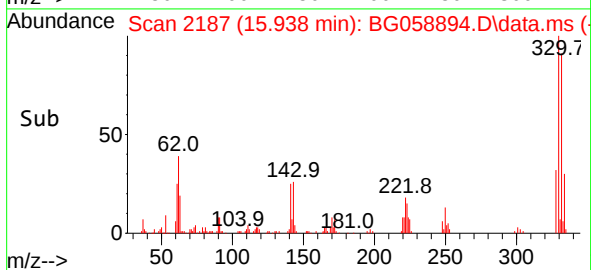
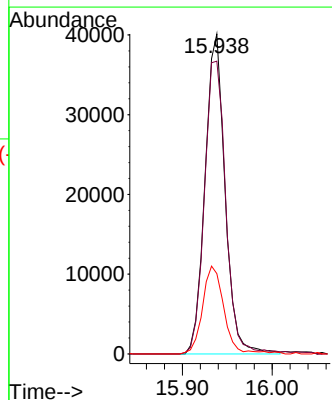
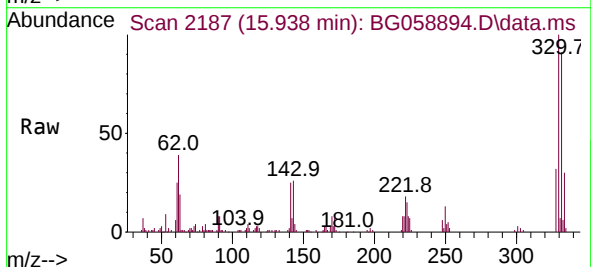
Instrument :
BNA_G
ClientSampleId :
HR-02-082523

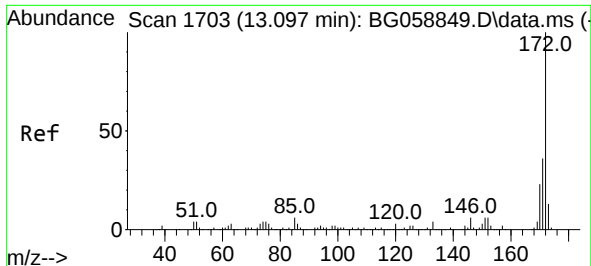
Tgt Ion:164 Resp: 60673
Ion Ratio Lower Upper
164 100
162 93.4 79.6 119.4
160 42.5 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 65.302 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

Tgt Ion:330 Resp: 62124
Ion Ratio Lower Upper
330 100
332 98.4 78.5 117.7
141 29.3 23.0 34.6

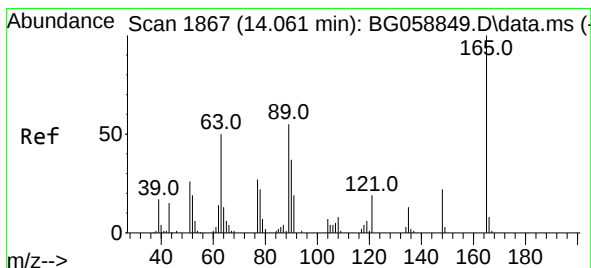
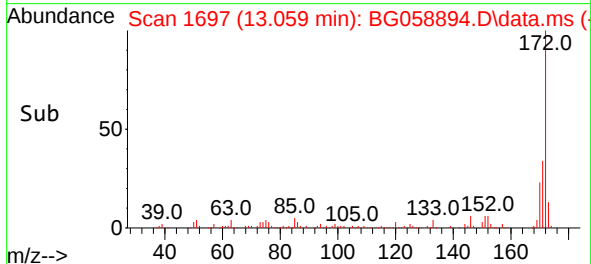
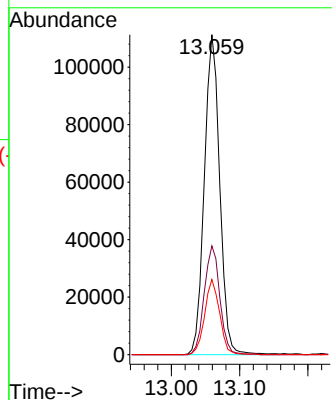
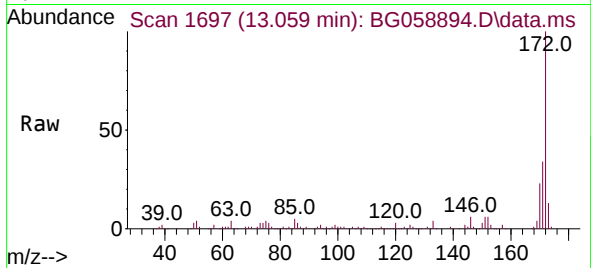




#45
2-Fluorobiphenyl
Concen: 41.891 ng
RT: 13.059 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

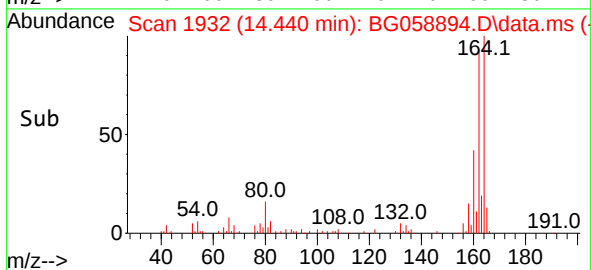
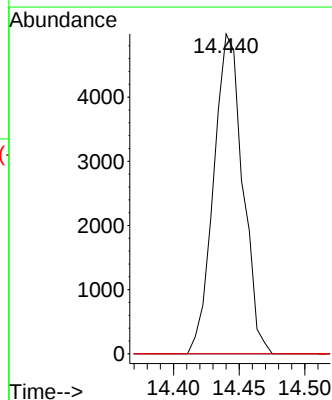
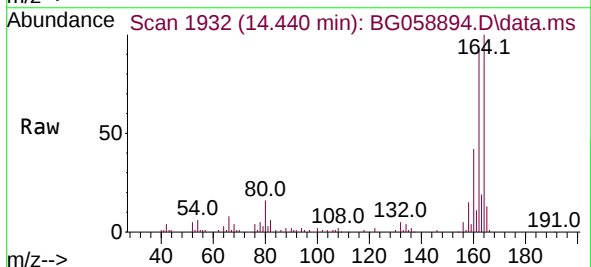
Instrument :
BNA_G
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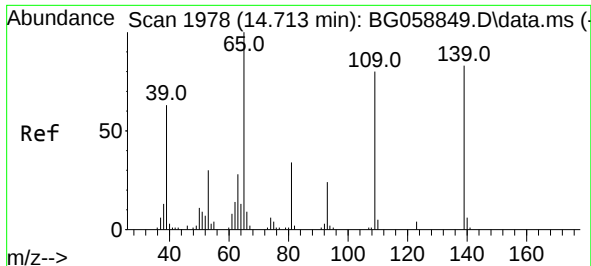
Tgt Ion:172 Resp: 174750
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.801 ng
RT: 14.440 min Scan# 1932
Delta R.T. 0.411 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

Tgt Ion:165 Resp: 7699
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

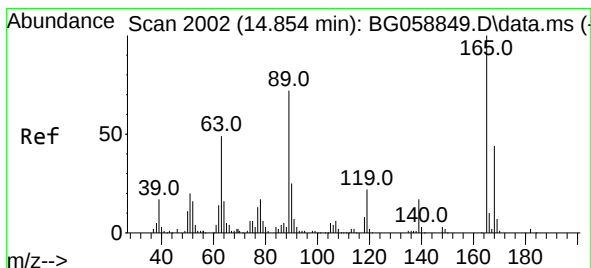
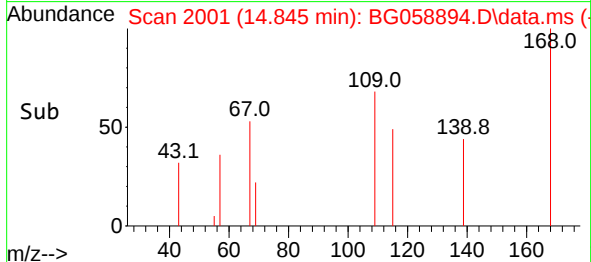
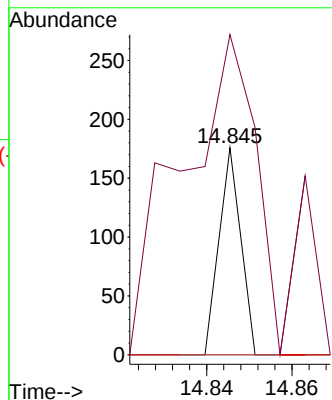
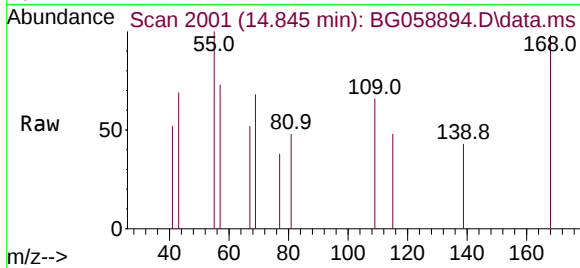




#56
4-Nitrophenol
Concen: 4.543 ng
RT: 14.845 min Scan# 20
Delta R.T. 0.165 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

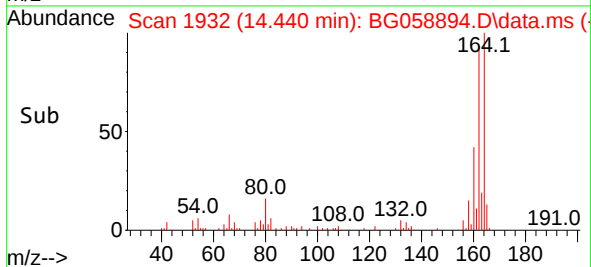
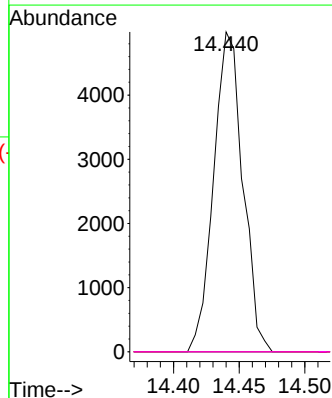
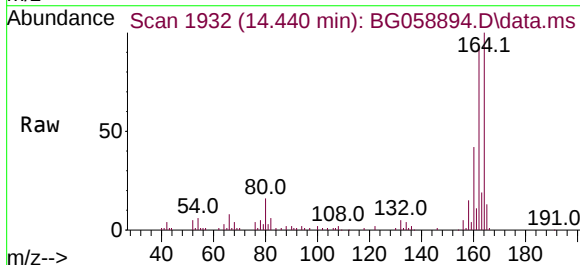
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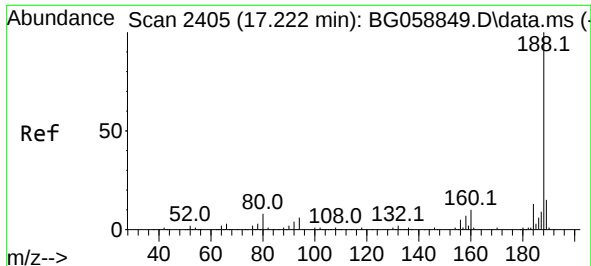
Tgt Ion:139 Resp: 62
Ion Ratio Lower Upper
139 100
109 154.5 71.9 111.9#
65 0.0 100.7 140.7#



#57
2,4-Dinitrotoluene
Concen: 5.593 ng
RT: 14.440 min Scan# 1932
Delta R.T. -0.382 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

Tgt Ion:165 Resp: 7699
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#

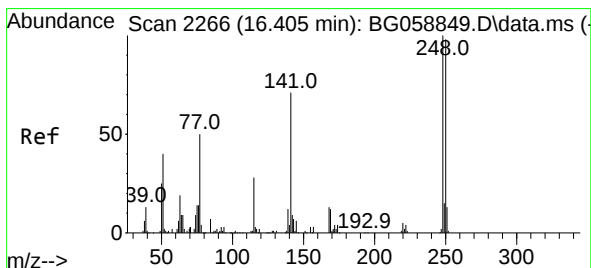
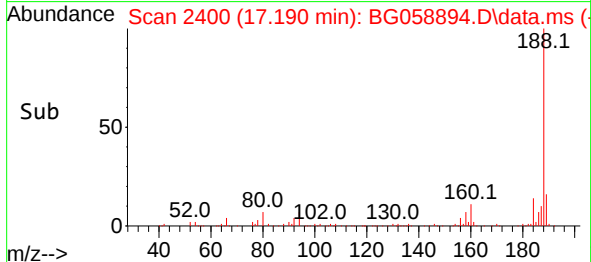
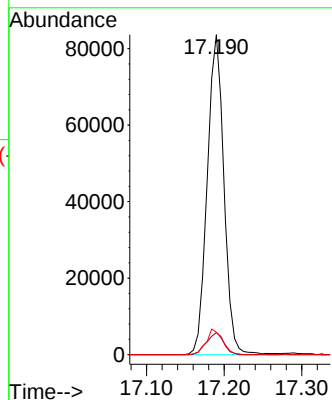
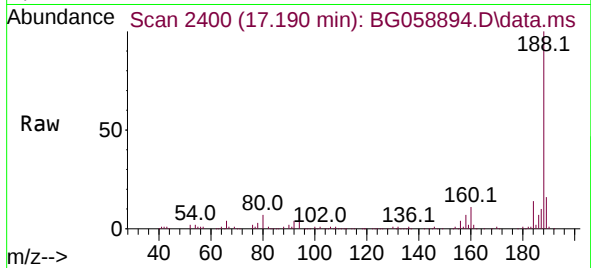




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

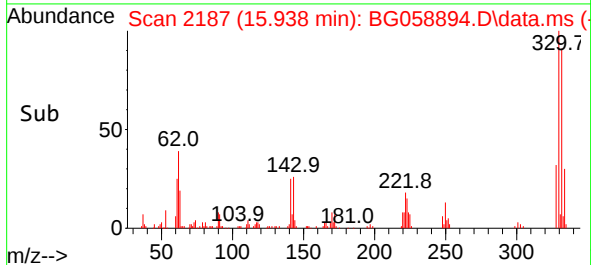
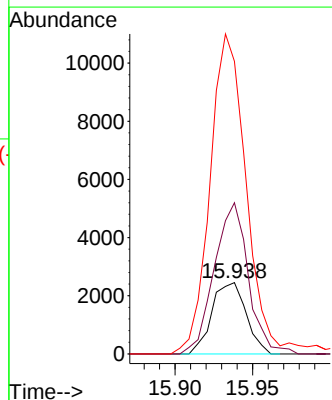
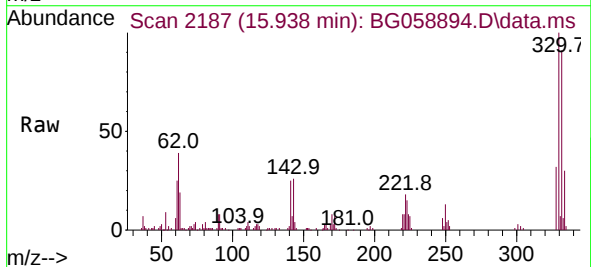
Instrument :
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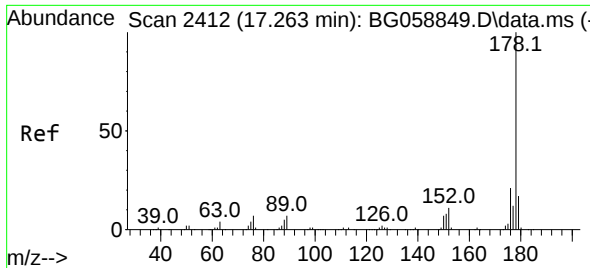
Tgt Ion:188 Resp: 124712
Ion Ratio Lower Upper
188 100
94 6.9 6.1 9.1
80 7.0 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 2.757 ng
RT: 15.938 min Scan# 2187
Delta R.T. -0.435 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

Tgt Ion:248 Resp: 3773
Ion Ratio Lower Upper
248 100
250 212.1 77.7 116.5#
141 410.7 53.6 80.4#

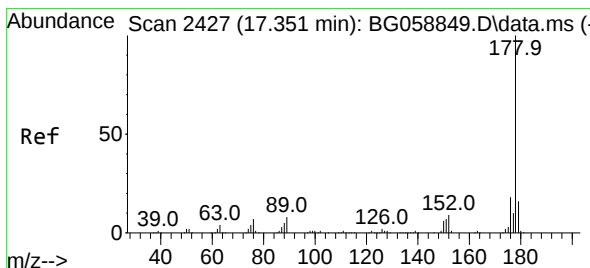
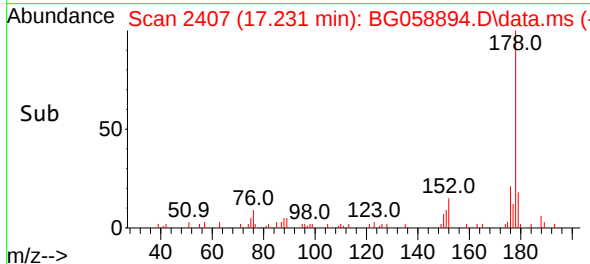
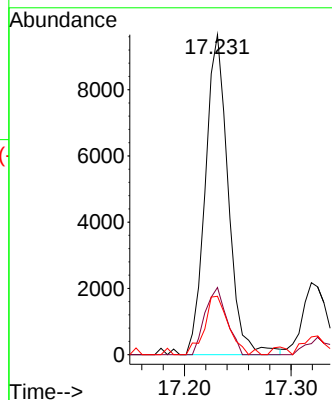
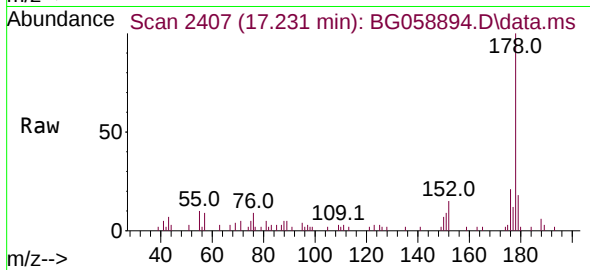




#71
Phenanthrene
Concen: 2.399 ng
RT: 17.231 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

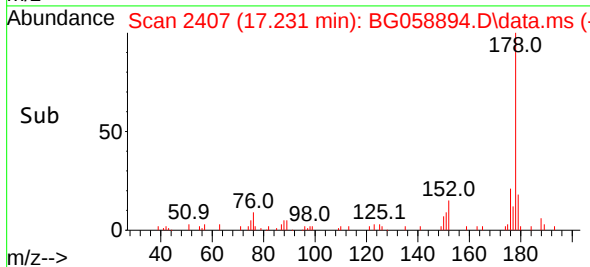
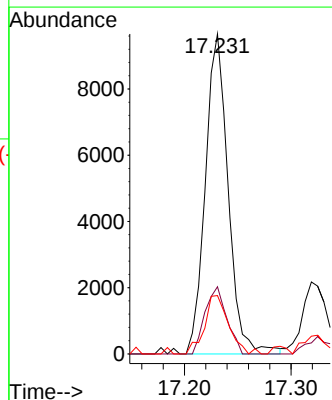
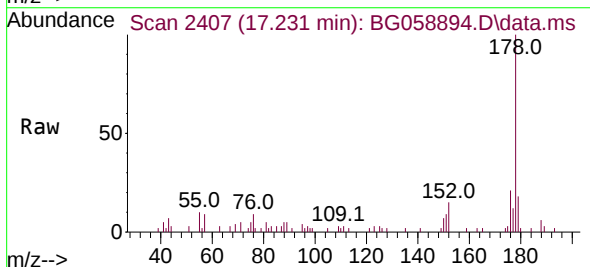
Instrument :
BNA_G
ClientSampleId :
HR-02-082523

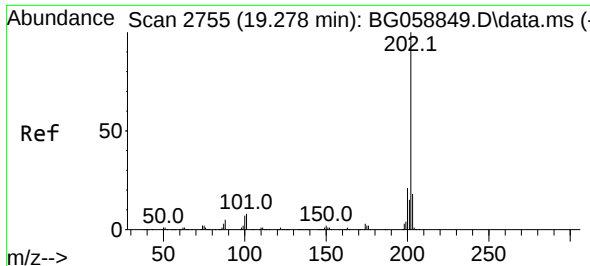
Tgt Ion:178 Resp: 14360
Ion Ratio Lower Upper
178 100
176 21.0 15.5 23.3
179 18.2 13.0 19.4



#72
Anthracene
Concen: 2.391 ng
RT: 17.231 min Scan# 2407
Delta R.T. -0.088 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

Tgt Ion:178 Resp: 14360
Ion Ratio Lower Upper
178 100
176 21.0 15.4 23.2
179 18.2 12.9 19.3

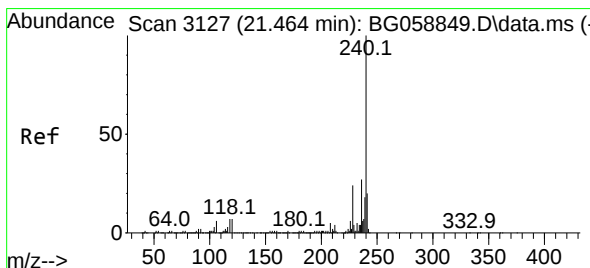
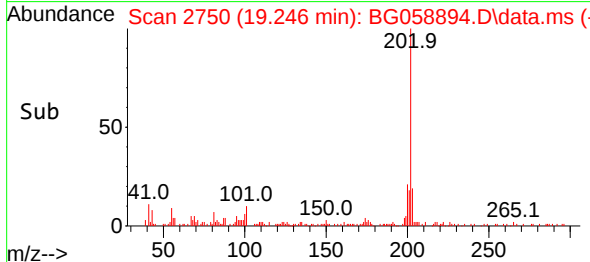
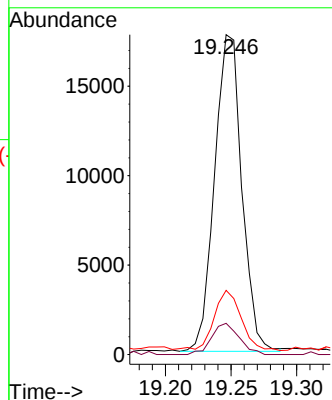
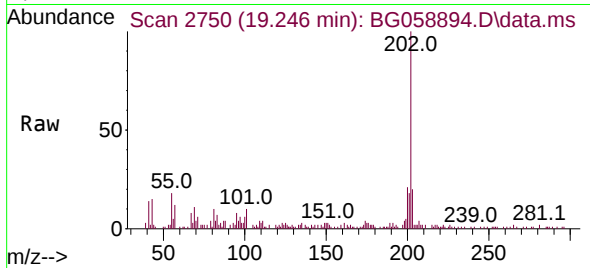




#75
Fluoranthene
Concen: 3.451 ng
RT: 19.246 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

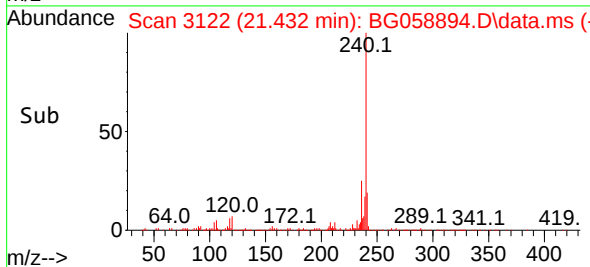
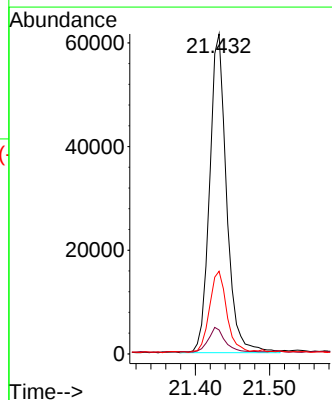
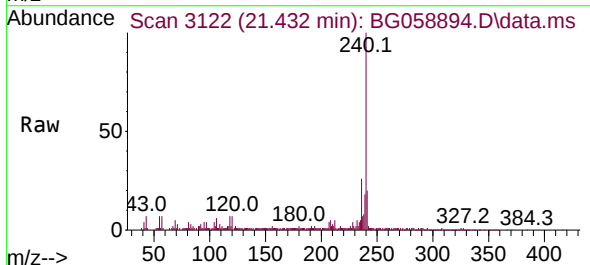
Instrument :
BNA_G
ClientSampleId :
HR-02-082523

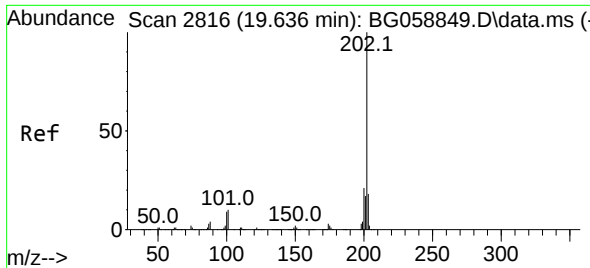
Tgt Ion:	202	Resp:	25625
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.7
203	20.1	0.0	38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.432 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

Tgt Ion:	240	Resp:	97738
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.2	9.2
236	25.8	20.5	30.7

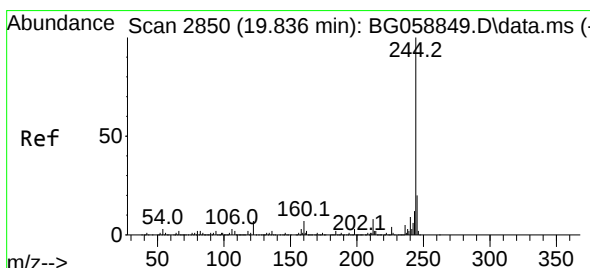
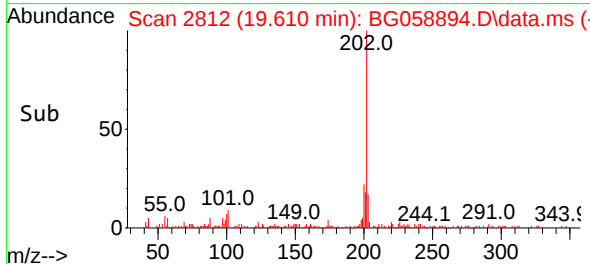
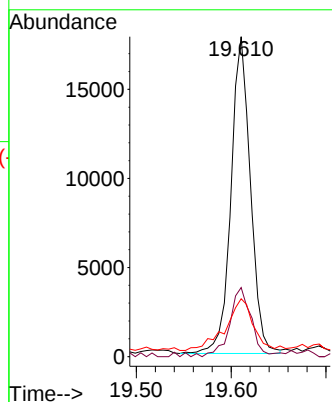
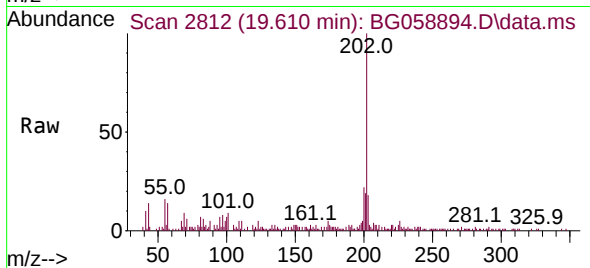




#78
Pyrene
Concen: 3.725 ng
RT: 19.610 min Scan# 2816
Delta R.T. 0.006 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

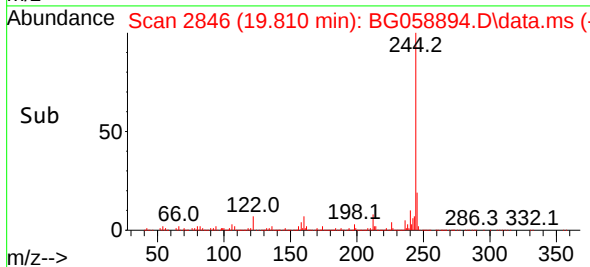
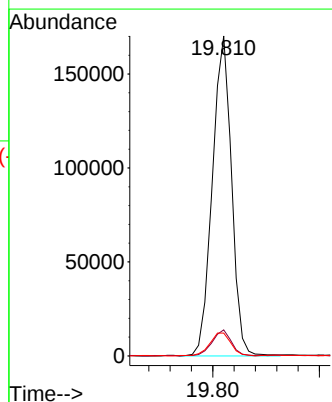
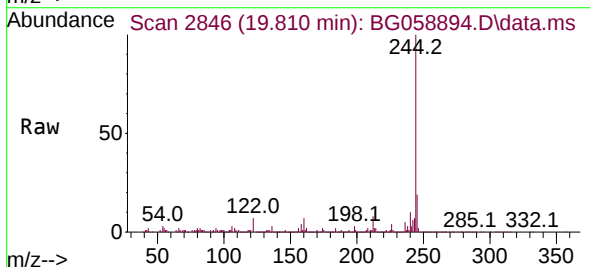
Instrument :
BNA_G
ClientSampleId :
HR-02-082523

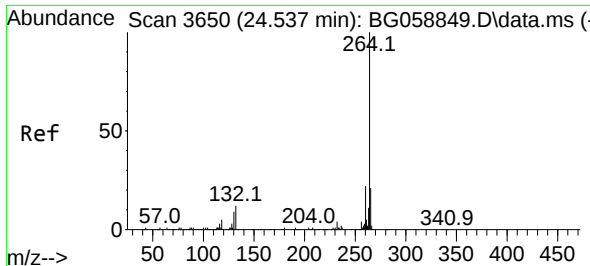
Tgt Ion:	202	Resp:	25366
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.7	25.1
203	18.1	15.3	22.9



#79
Terphenyl-d14
Concen: 39.167 ng
RT: 19.810 min Scan# 2846
Delta R.T. 0.006 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

Tgt Ion:	244	Resp:	213192
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.2	9.2
122	7.1	6.3	9.5

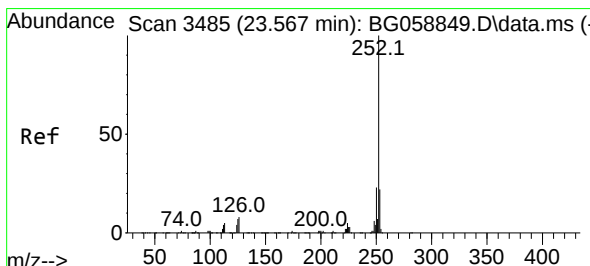
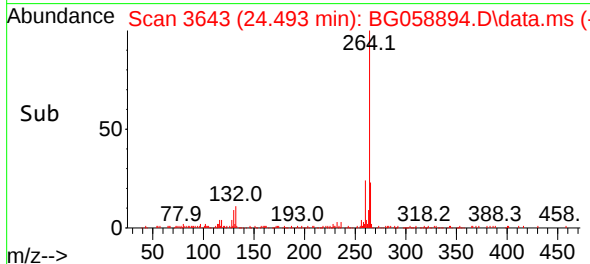
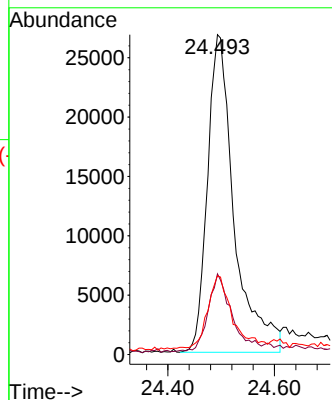
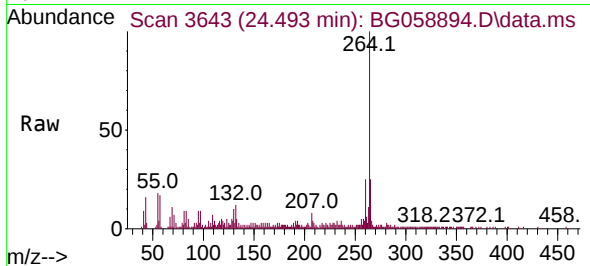




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.493 min Scan# 3643
Delta R.T. 0.024 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

Instrument :
BNA_G
ClientSampleId :
HR-02-082523

Tgt Ion:264 Resp: 93328
Ion Ratio Lower Upper
264 100
260 25.2 18.2 27.2
265 24.6 16.4 24.6#



#88
Benzo(b)fluoranthene
Concen: 2.123 ng
RT: 23.524 min Scan# 3478
Delta R.T. 0.018 min
Lab File: BG058894.D
Acq: 29 Aug 2023 19:29

Tgt Ion:252 Resp: 10996
Ion Ratio Lower Upper
252 100
253 42.5 18.4 27.6#
125 30.2 6.2 9.2#

