

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058829.D
 Acq On : 23 Aug 2023 19:42
 Operator : MA/JU
 Sample : 04110-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-07(1-3)

Quant Time: Aug 24 02:46:39 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)

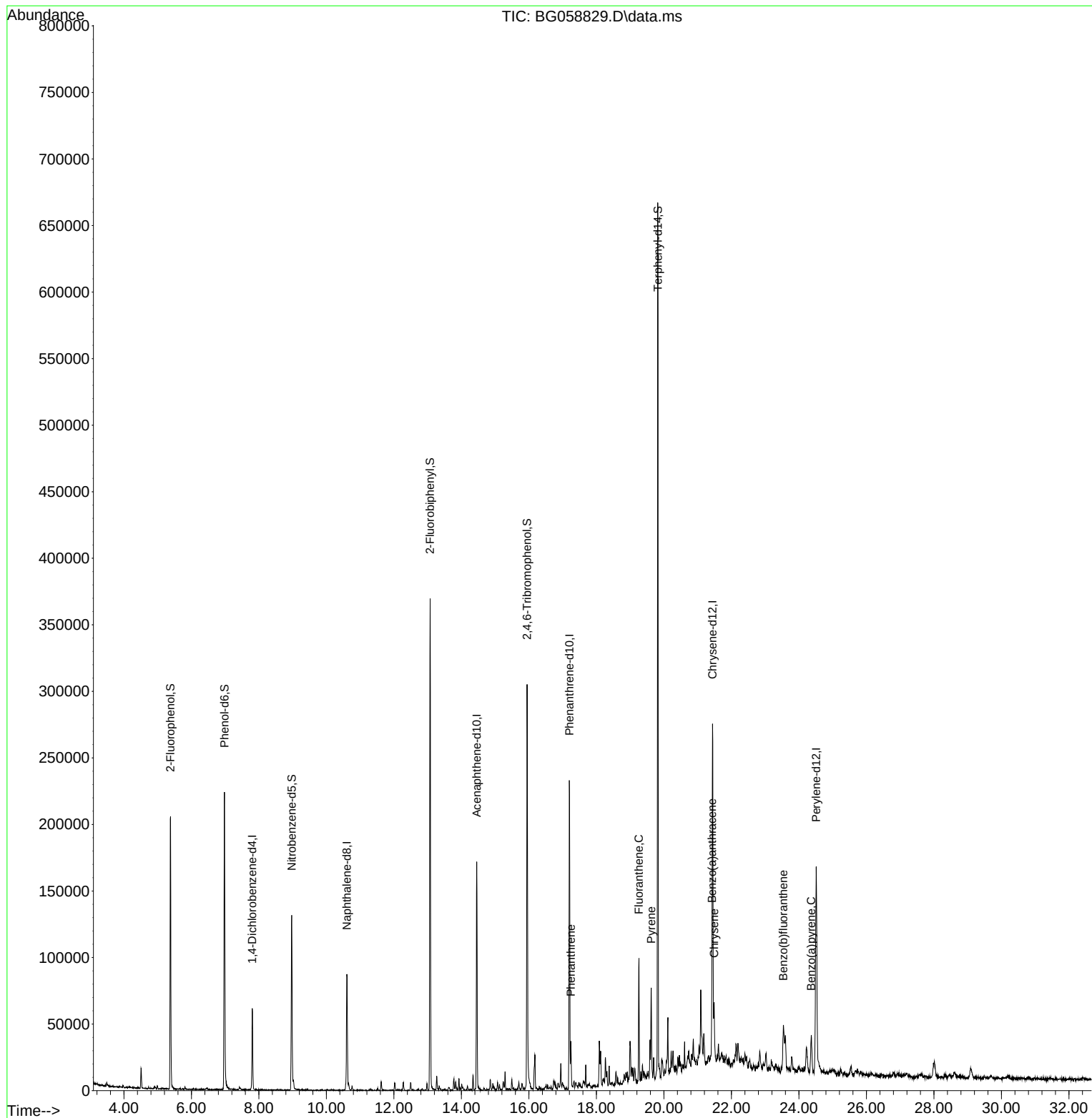
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	16849	20.000	ng	0.00
21) Naphthalene-d8	10.605	136	78602	20.000	ng	0.00
39) Acenaphthene-d10	14.454	164	64355	20.000	ng	0.00
64) Phenanthrene-d10	17.197	188	155301	20.000	ng	0.00
76) Chrysene-d12	21.439	240	133986	20.000	ng	0.00
86) Perylene-d12	24.512	264	166968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	84721	80.918	ng	0.00
7) Phenol-d6	6.980	99	129559	88.198	ng	0.00
23) Nitrobenzene-d5	8.972	82	84538	51.708	ng	0.00
42) 2,4,6-Tribromophenol	15.946	330	70716	70.080	ng	0.00
45) 2-Fluorobiphenyl	13.073	172	204442	46.205	ng	0.00
79) Terphenyl-d14	19.818	244	329669	44.180	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.244	178	22253	2.985	ng	96
75) Fluoranthene	19.260	202	52103	5.635	ng	97
78) Pyrene	19.624	202	45048	4.825	ng	98
81) Benzo(a)anthracene	21.422	228	32372	3.471	ng	# 92
83) Chrysene	21.487	228	31069	3.456	ng	# 89
88) Benzo(b)fluoranthene	23.537	252	44125	4.763	ng	# 97
90) Benzo(a)pyrene	24.366	252	29545	3.239	ng	98

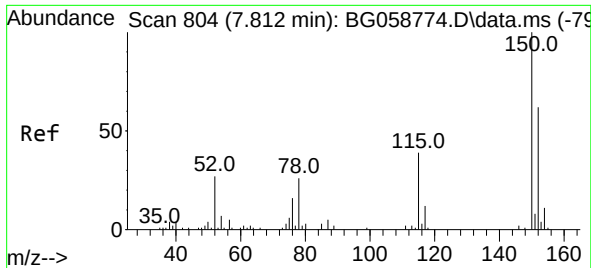
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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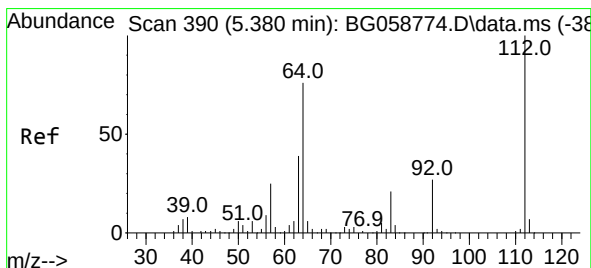
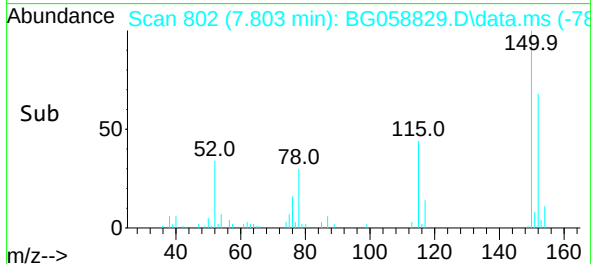
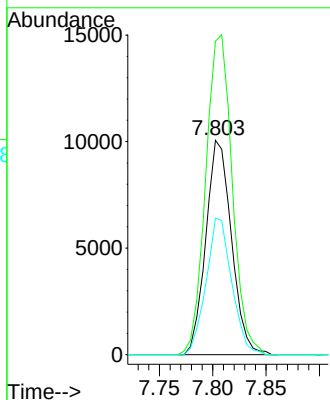
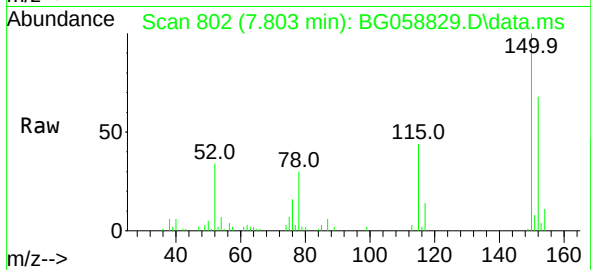




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.803 min Scan# 804
Delta R.T. -0.009 min
Lab File: BG058829.D
Acq: 23 Aug 2023 19:42

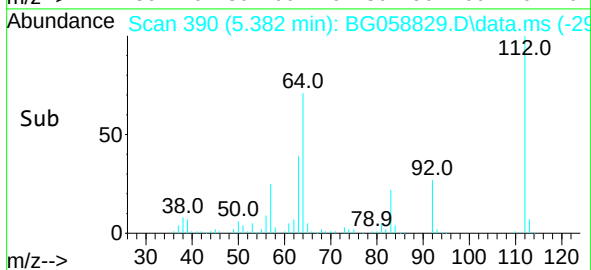
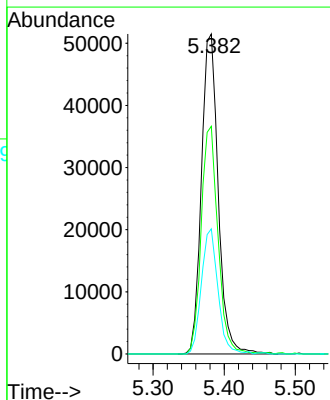
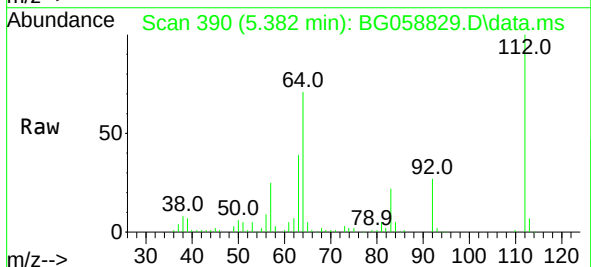
Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

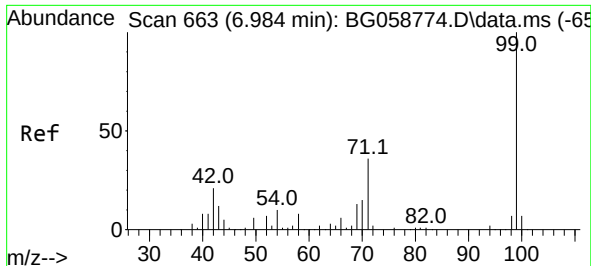
Tgt Ion:152 Resp: 16849
Ion Ratio Lower Upper
152 100
150 146.2 128.6 192.8
115 63.8 50.4 75.6



#5
2-Fluorophenol
Concen: 80.918 ng
RT: 5.382 min Scan# 390
Delta R.T. 0.002 min
Lab File: BG058829.D
Acq: 23 Aug 2023 19:42

Tgt Ion:112 Resp: 84721
Ion Ratio Lower Upper
112 100
64 71.2 60.6 90.8
63 39.1 31.0 46.4





#7

Phenol-d6

Concen: 88.198 ng

RT: 6.980 min Scan# 6

Delta R.T. -0.004 min

Lab File: BG058829.D

Acq: 23 Aug 2023 19:42

Instrument :

BNA_G

ClientSampleId :

TP-07(1-3)

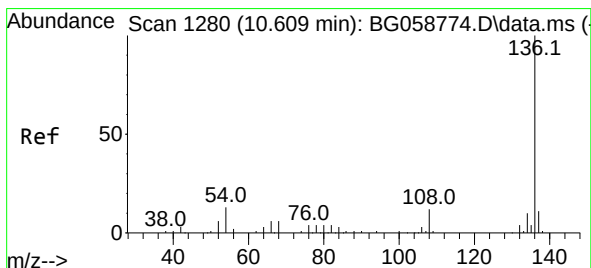
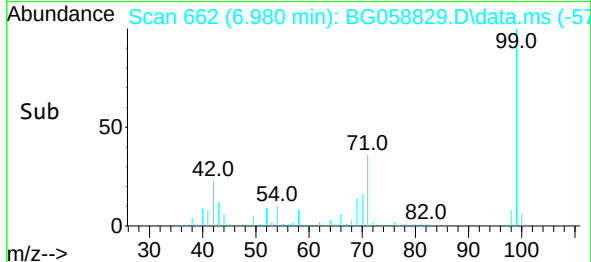
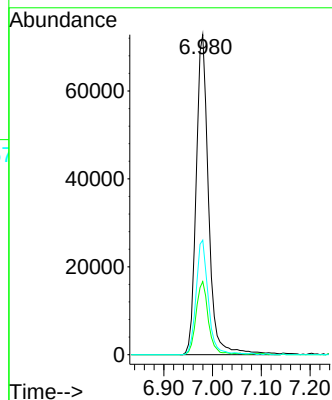
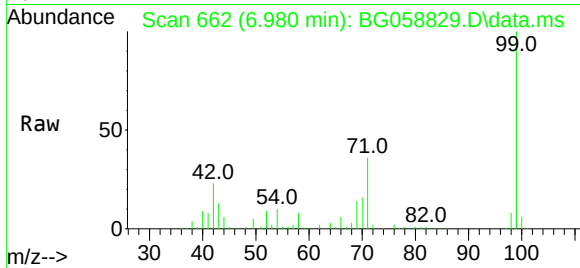
Tgt Ion: 99 Resp: 129559

Ion Ratio Lower Upper

99 100

42 22.9 16.5 24.7

71 35.8 28.4 42.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.605 min Scan# 1279

Delta R.T. -0.004 min

Lab File: BG058829.D

Acq: 23 Aug 2023 19:42

Tgt Ion: 136 Resp: 78602

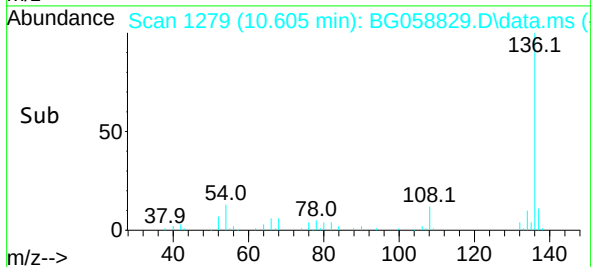
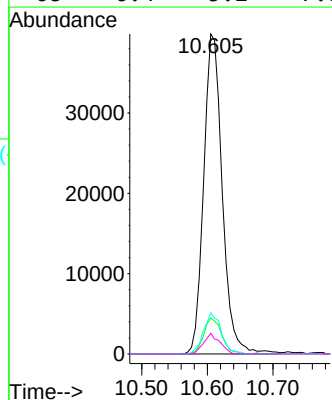
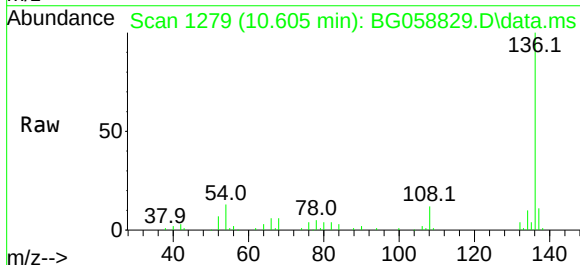
Ion Ratio Lower Upper

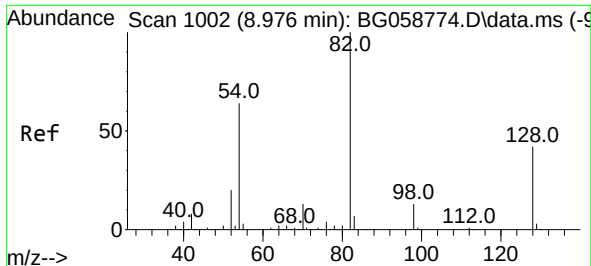
136 100

137 11.2 8.7 13.1

54 12.8 10.1 15.1

68 6.4 5.2 7.8

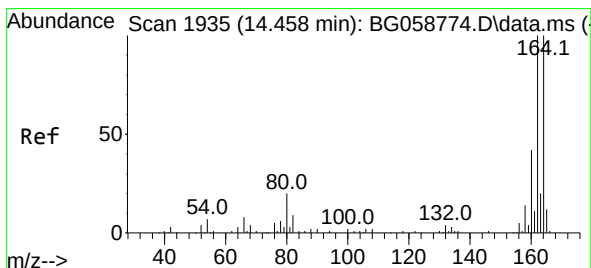
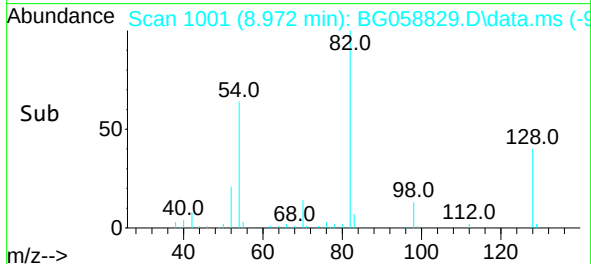
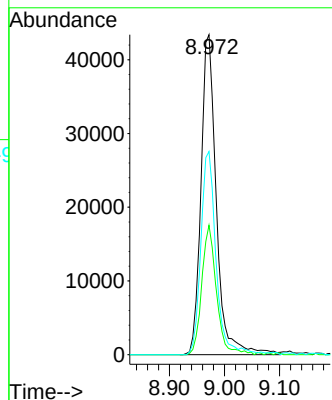
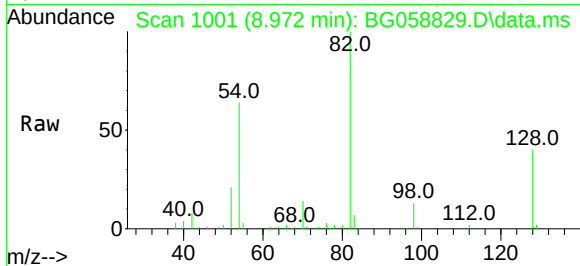




#23
 Nitrobenzene-d5
 Concen: 51.708 ng
 RT: 8.972 min Scan# 1002
 Delta R.T. -0.004 min
 Lab File: BG058829.D
 Acq: 23 Aug 2023 19:42

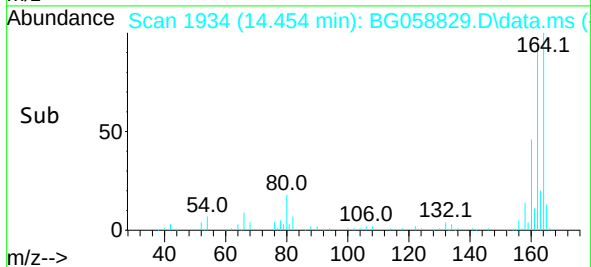
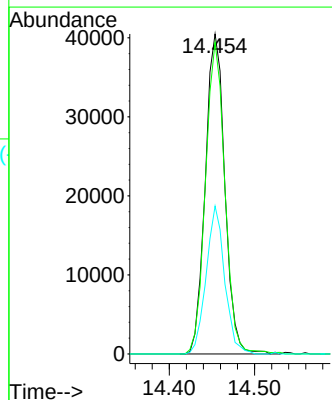
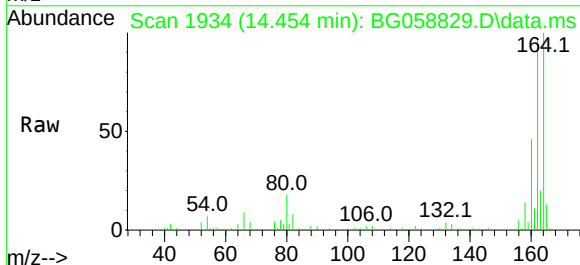
Instrument :
 BNA_G
 ClientSampleId :
 TP-07(1-3)

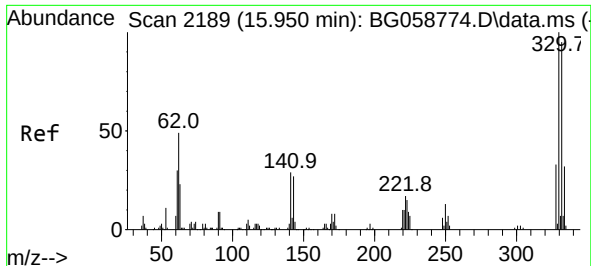
Tgt Ion: 82 Resp: 84538
 Ion Ratio Lower Upper
 82 100
 128 40.5 33.2 49.8
 54 63.5 51.2 76.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.454 min Scan# 1934
 Delta R.T. -0.004 min
 Lab File: BG058829.D
 Acq: 23 Aug 2023 19:42

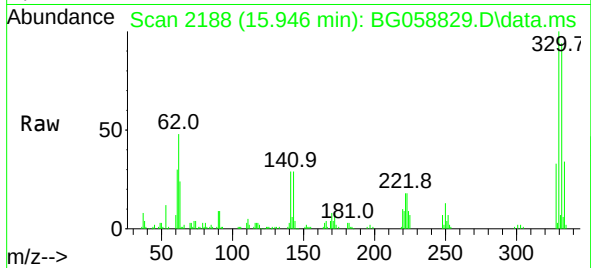
Tgt Ion:164 Resp: 64355
 Ion Ratio Lower Upper
 164 100
 162 97.4 79.6 119.4
 160 46.2 34.0 51.0



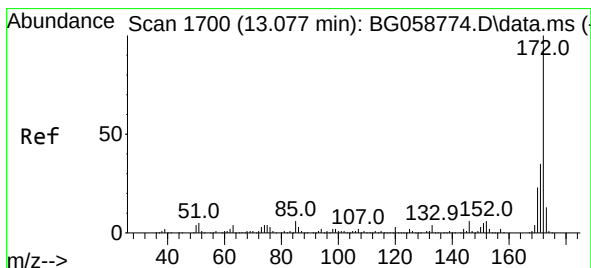
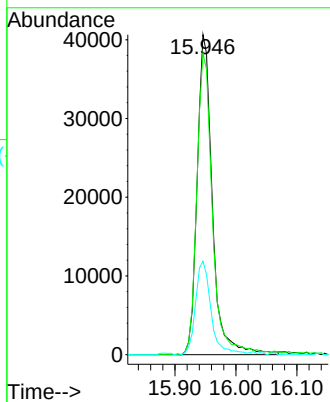
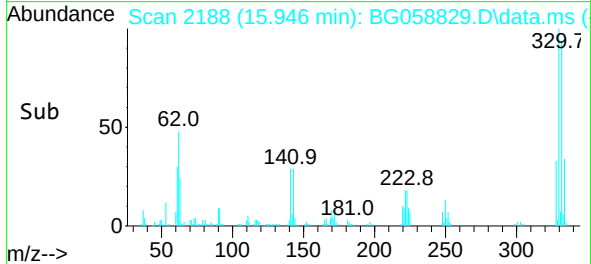


#42
2,4,6-Tribromophenol
Concen: 70.080 ng
RT: 15.946 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG058829.D
Acq: 23 Aug 2023 19:42

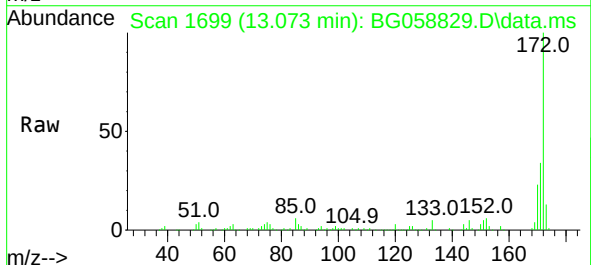
Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)



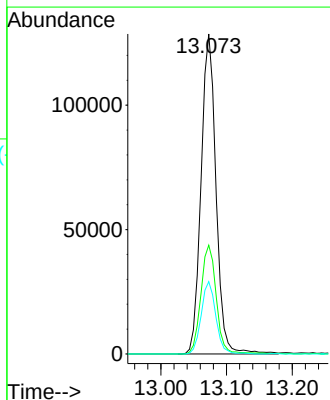
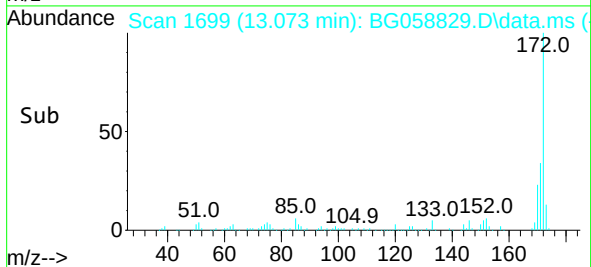
Tgt Ion:330 Resp: 70716
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 29.8 23.0 34.6

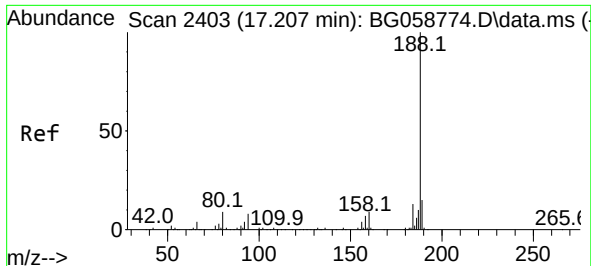


#45
2-Fluorobiphenyl
Concen: 46.205 ng
RT: 13.073 min Scan# 1699
Delta R.T. -0.004 min
Lab File: BG058829.D
Acq: 23 Aug 2023 19:42



Tgt Ion:172 Resp: 204442
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 22.6 18.6 27.8

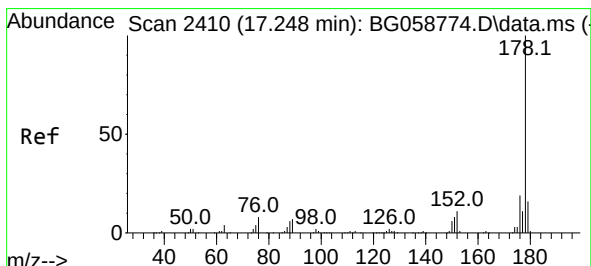
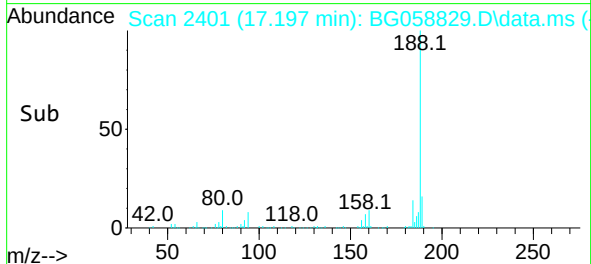
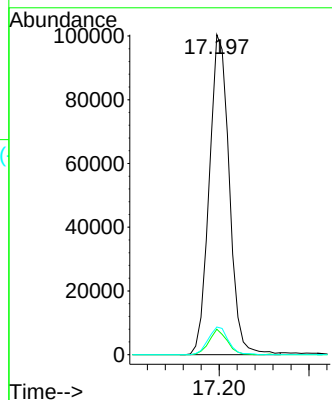
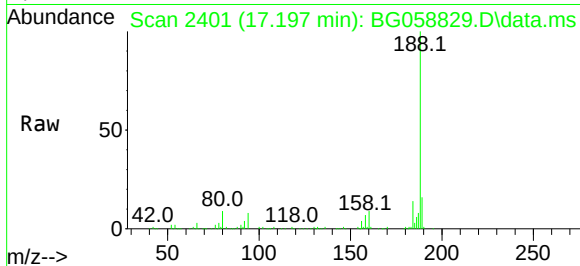




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.197 min Scan# 2403
Delta R.T. -0.010 min
Lab File: BG058829.D
Acq: 23 Aug 2023 19:42

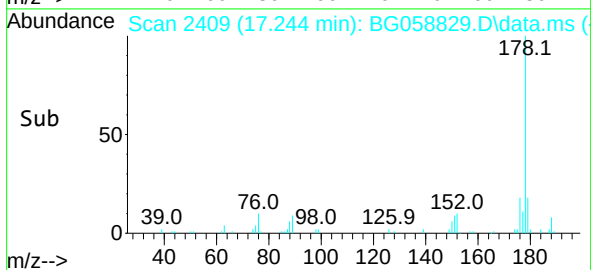
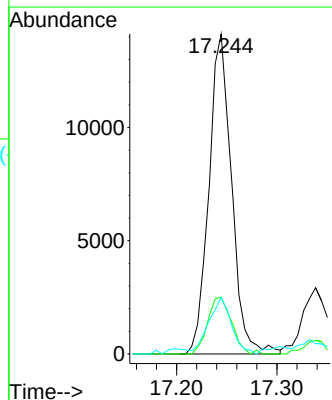
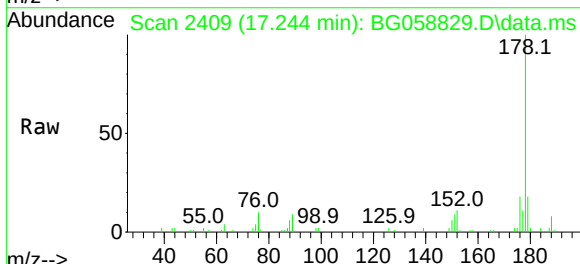
Instrument :
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ClientSampleId :
TP-07(1-3)

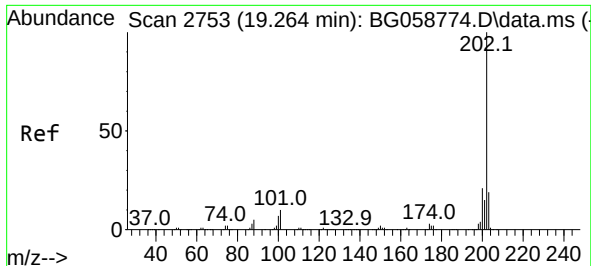
Tgt Ion:188 Resp: 155301
Ion Ratio Lower Upper
188 100
94 7.9 6.1 9.1
80 8.6 6.9 10.3



#71
Phenanthrene
Concen: 2.985 ng
RT: 17.244 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG058829.D
Acq: 23 Aug 2023 19:42

Tgt Ion:178 Resp: 22253
Ion Ratio Lower Upper
178 100
176 17.8 15.5 23.3
179 17.7 13.0 19.4

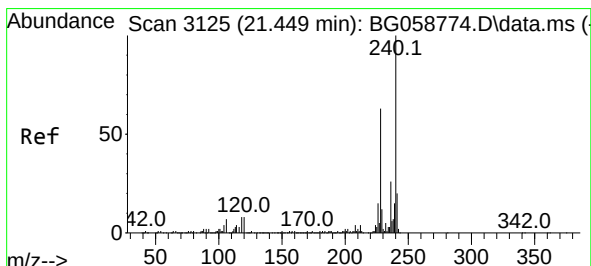
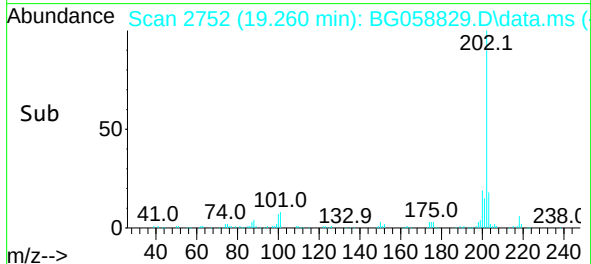
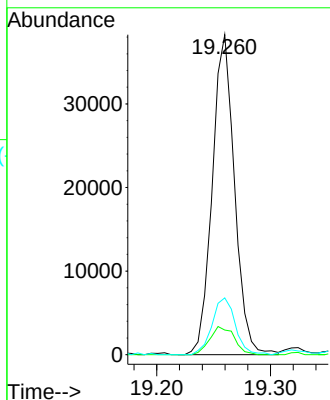
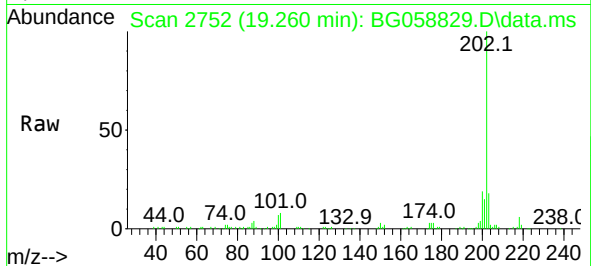




#75
Fluoranthene
Concen: 5.635 ng
RT: 19.260 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058829.D
Acq: 23 Aug 2023 19:42

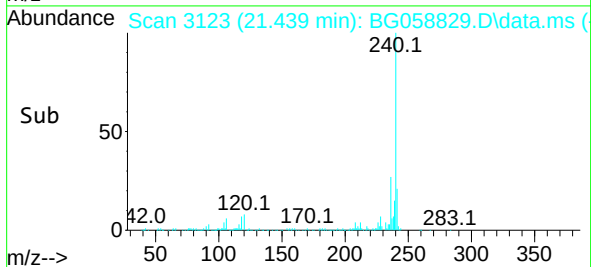
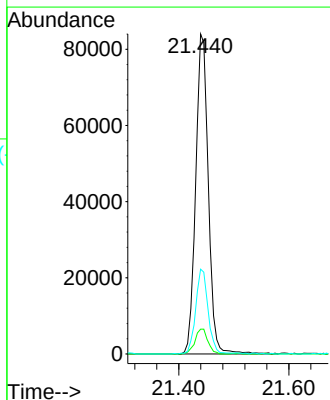
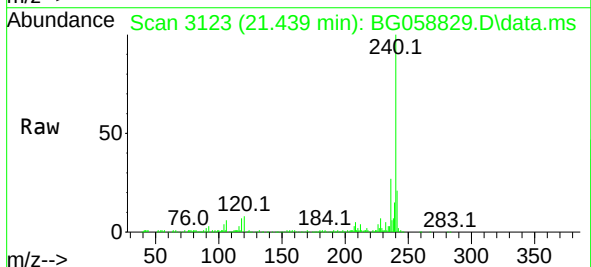
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BNA_G
ClientSampleId :
TP-07(1-3)

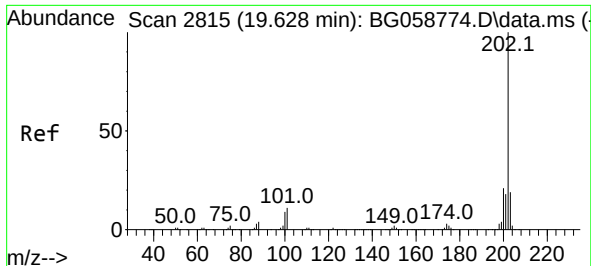
Tgt Ion:202 Resp: 52103
Ion Ratio Lower Upper
202 100
101 7.7 0.0 29.7
203 17.7 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3123
Delta R.T. -0.010 min
Lab File: BG058829.D
Acq: 23 Aug 2023 19:42

Tgt Ion:240 Resp: 133986
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.2
236 26.5 20.5 30.7

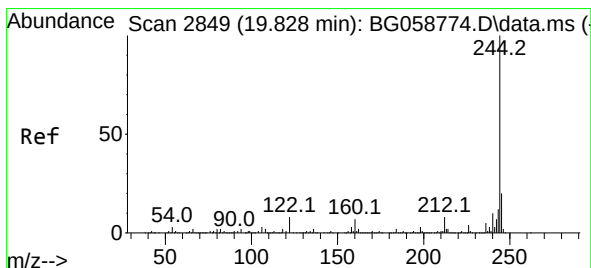
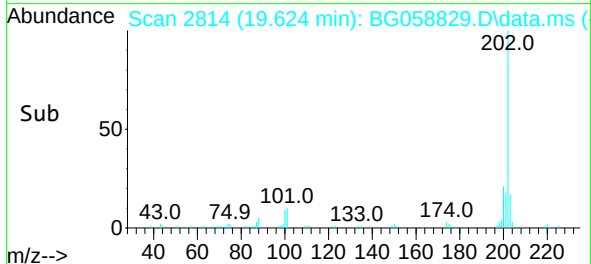
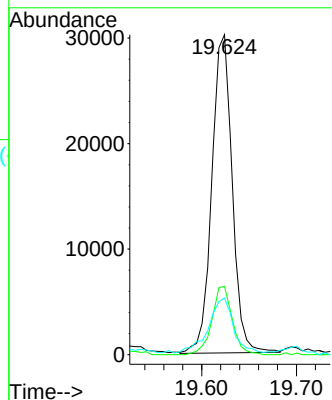
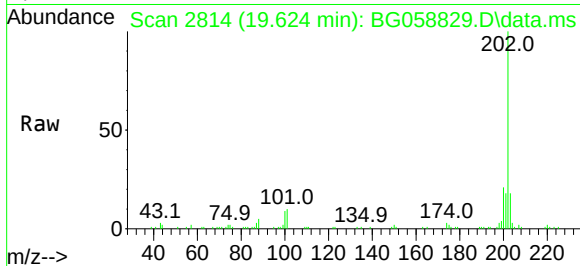




#78
 Pyrene
 Concen: 4.825 ng
 RT: 19.624 min Scan# 2814
 Delta R.T. -0.004 min
 Lab File: BG058829.D
 Acq: 23 Aug 2023 19:42

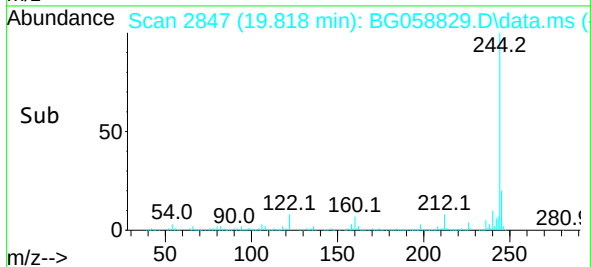
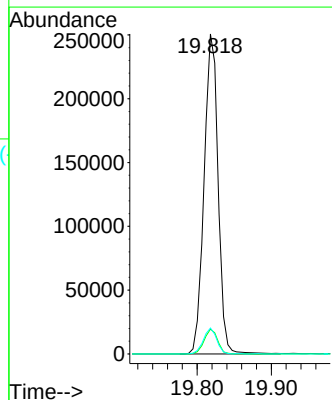
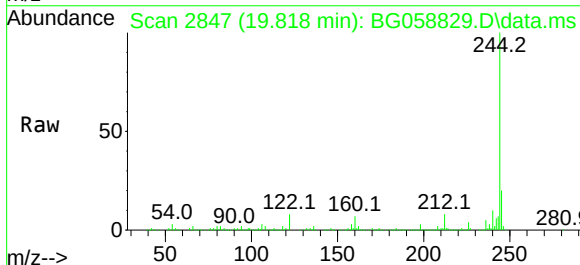
Instrument :
 BNA_G
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 TP-07(1-3)

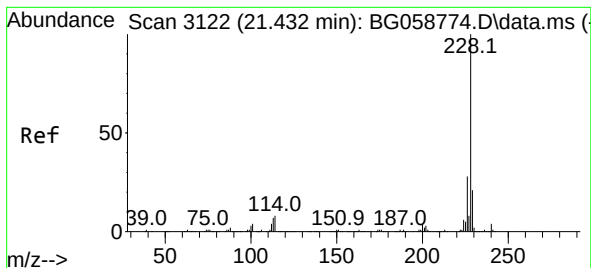
Tgt Ion:202 Resp: 45048
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.7 25.1
 203 17.7 15.3 22.9



#79
 Terphenyl-d14
 Concen: 44.180 ng
 RT: 19.818 min Scan# 2847
 Delta R.T. -0.010 min
 Lab File: BG058829.D
 Acq: 23 Aug 2023 19:42

Tgt Ion:244 Resp: 329669
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 8.1 6.3 9.5





#81

Benzo(a)anthracene

Concen: 3.471 ng

RT: 21.422 min Scan# 3120

Delta R.T. -0.010 min

Lab File: BG058829.D

Acq: 23 Aug 2023 19:42

Instrument :

BNA_G

ClientSampleId :

TP-07(1-3)

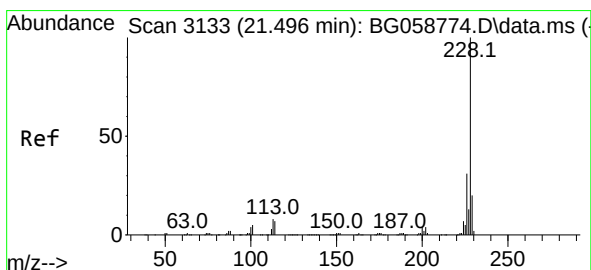
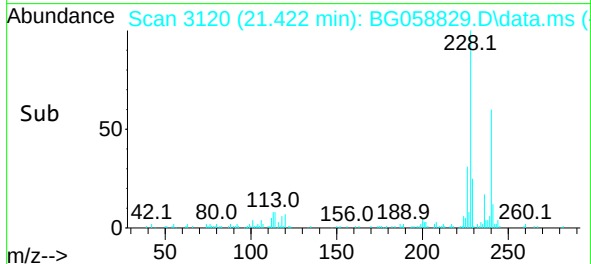
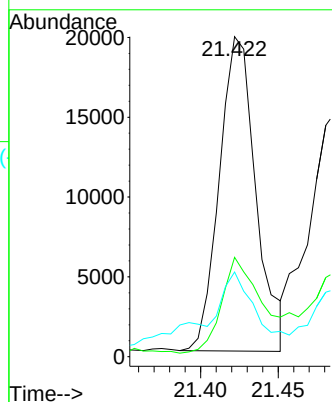
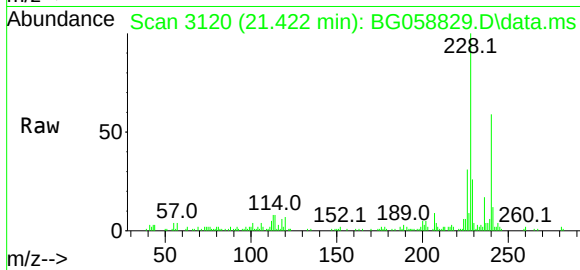
Tgt Ion:228 Resp: 32372

Ion Ratio Lower Upper

228 100

226 31.0 22.6 33.8

229 26.4 16.8 25.2#



#83

Chrysene

Concen: 3.456 ng

RT: 21.487 min Scan# 3131

Delta R.T. -0.010 min

Lab File: BG058829.D

Acq: 23 Aug 2023 19:42

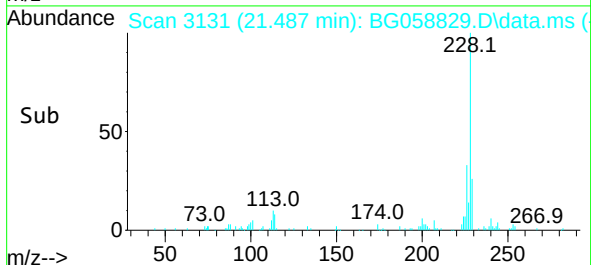
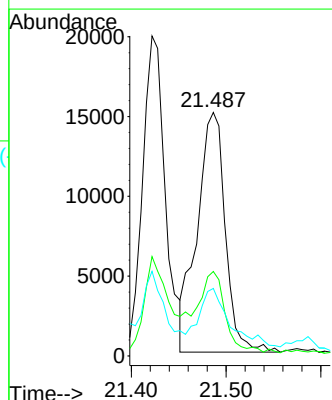
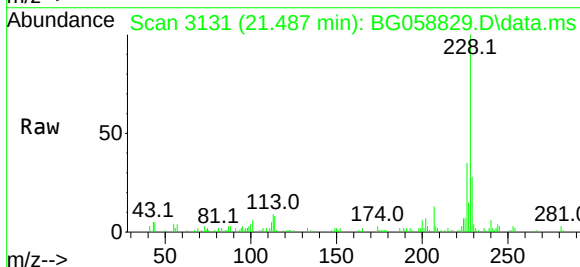
Tgt Ion:228 Resp: 31069

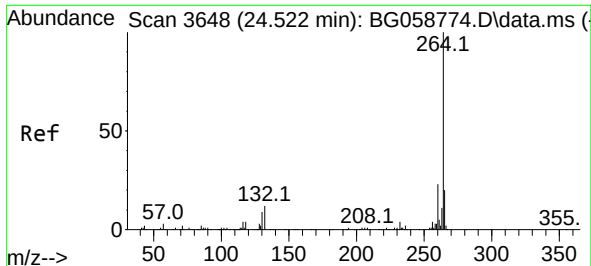
Ion Ratio Lower Upper

228 100

226 34.7 24.4 36.6

229 27.7 16.3 24.5#

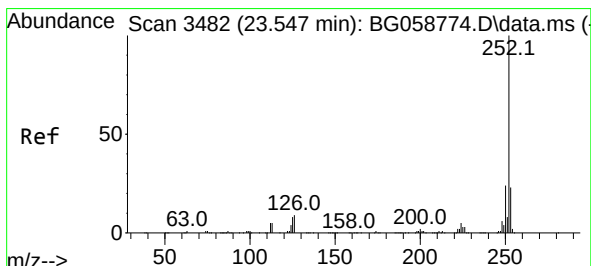
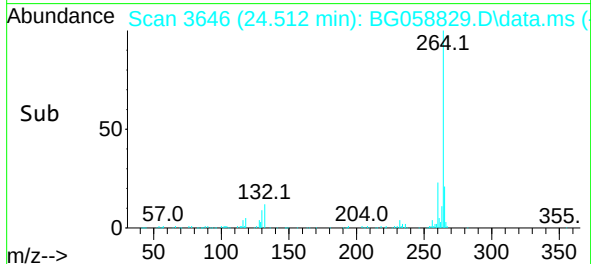
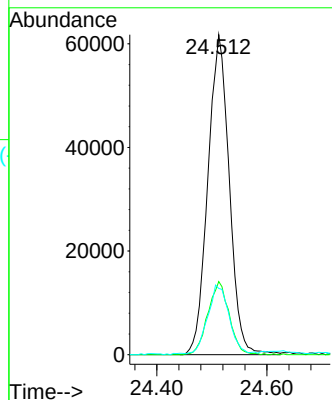
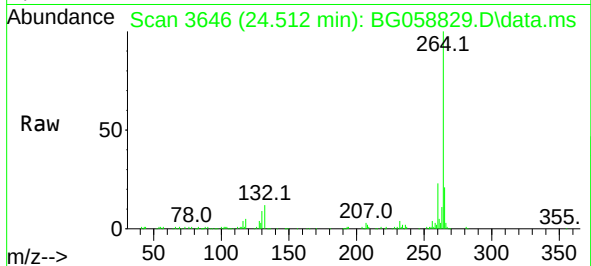




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.512 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG058829.D
Acq: 23 Aug 2023 19:42

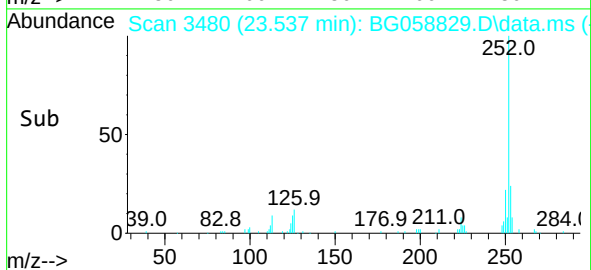
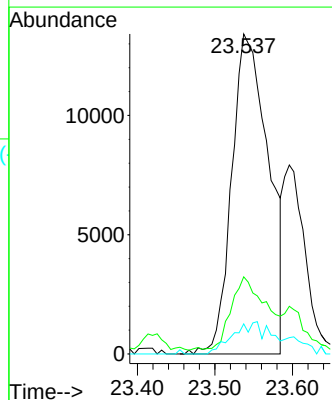
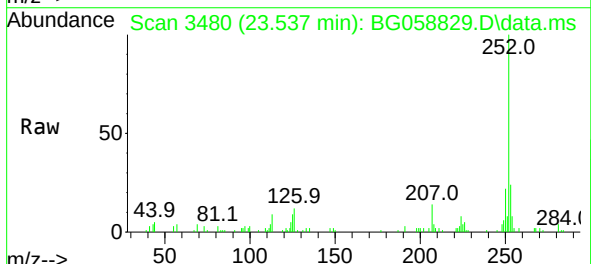
Instrument :
BNA_G
ClientSampleId :
TP-07(1-3)

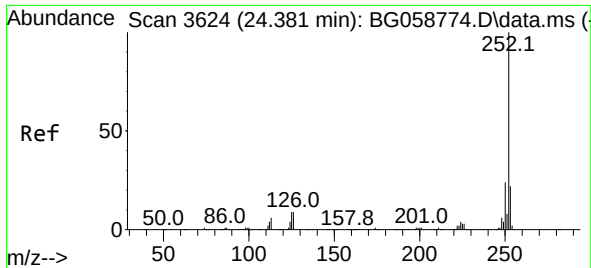
Tgt Ion:264 Resp: 166968
Ion Ratio Lower Upper
264 100
260 22.9 18.2 27.2
265 20.7 16.4 24.6



#88
Benzo(b)fluoranthene
Concen: 4.763 ng
RT: 23.537 min Scan# 3480
Delta R.T. -0.010 min
Lab File: BG058829.D
Acq: 23 Aug 2023 19:42

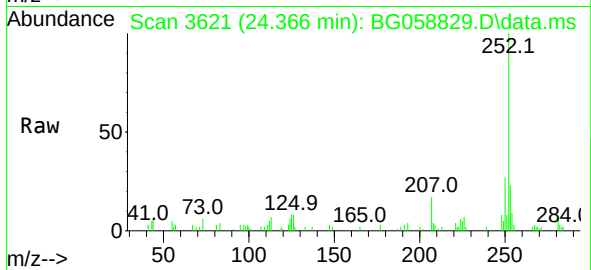
Tgt Ion:252 Resp: 44125
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 9.4 6.2 9.2#





#90
 Benzo(a)pyrene
 Concen: 3.239 ng
 RT: 24.366 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: BG058829.D
 Acq: 23 Aug 2023 19:42

Instrument :
 BNA_G
 ClientSampleId :
 TP-07(1-3)



Tgt Ion:	252	Resp:	29545
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	8.2	6.8	10.2

