

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058805.D
 Acq On : 22 Aug 2023 12:18
 Operator : MA/JU
 Sample : 04093-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB04-Z94-95

Quant Time: Aug 22 12:50:46 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	19397	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	78532	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	55461	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	147639	20.000	ng	0.00
76) Chrysene-d12	21.443	240	168117	20.000	ng	0.00
86) Perylene-d12	24.516	264	201584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	81113	67.295	ng	0.00
7) Phenol-d6	6.978	99	106121	62.752	ng	0.00
23) Nitrobenzene-d5	8.970	82	61978	37.943	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	53138	61.105	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	152232	39.923	ng	0.00
79) Terphenyl-d14	19.822	244	362227	38.688	ng	0.00

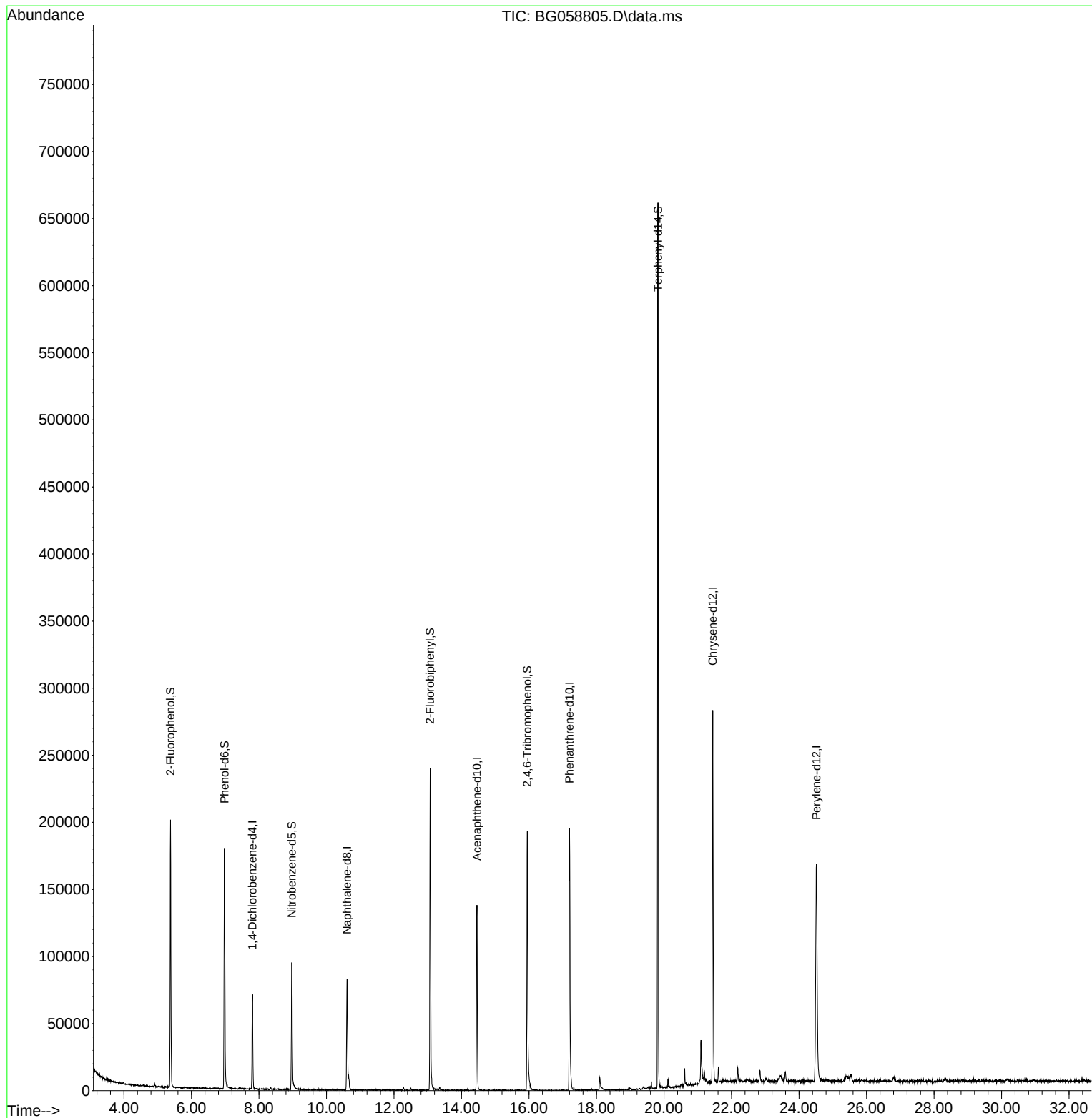
Target Compounds	Qvalue

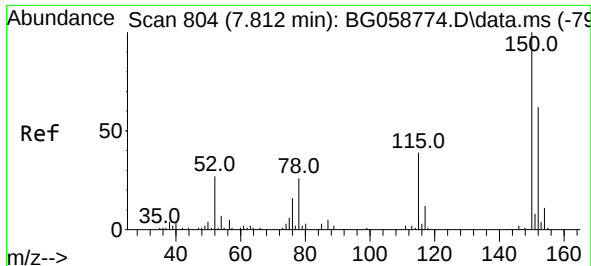
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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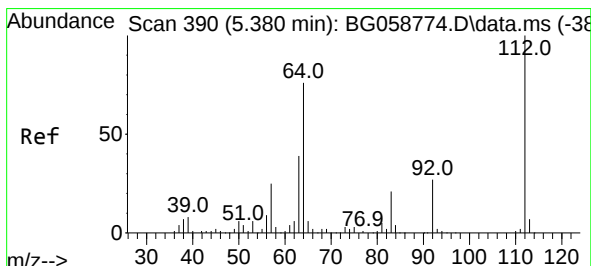
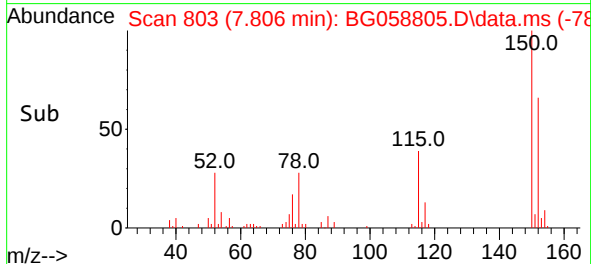
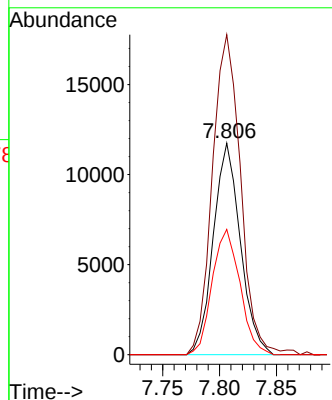
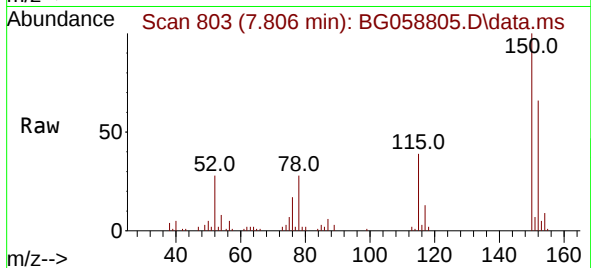




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

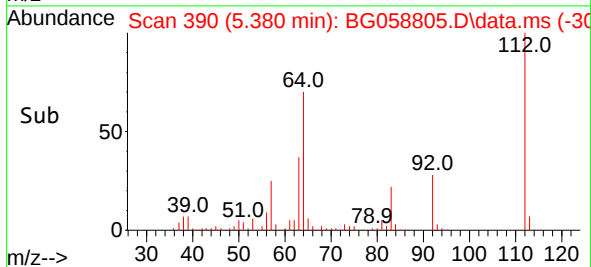
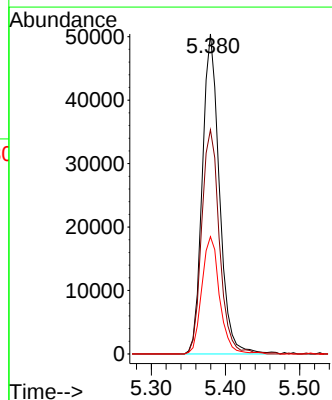
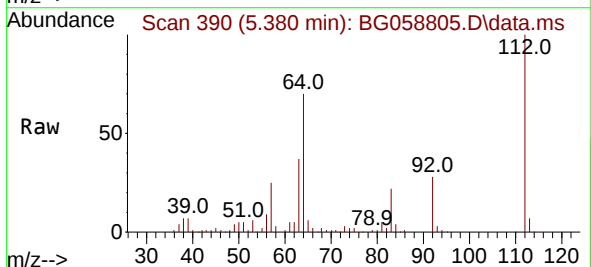
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB04-Z94-95

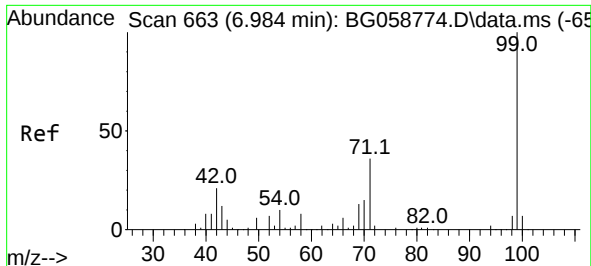
Tgt Ion:152 Resp: 19397
Ion Ratio Lower Upper
152 100
150 151.3 128.6 192.8
115 59.2 50.4 75.6



#5
2-Fluorophenol
Concen: 67.295 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.000 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

Tgt Ion:112 Resp: 81113
Ion Ratio Lower Upper
112 100
64 70.1 60.6 90.8
63 36.6 31.0 46.4

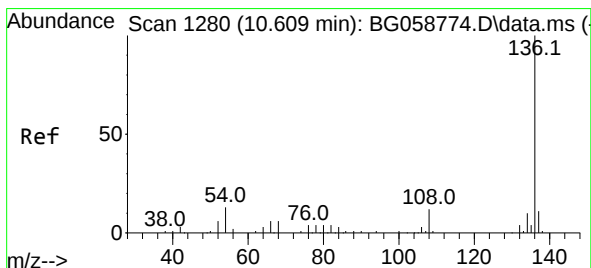
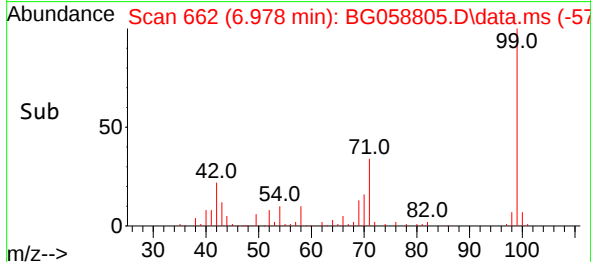
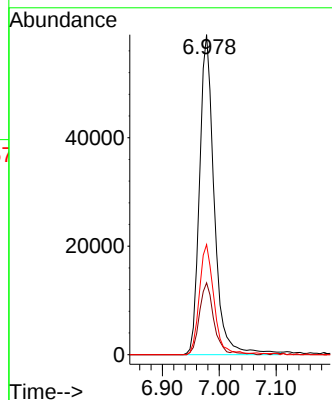
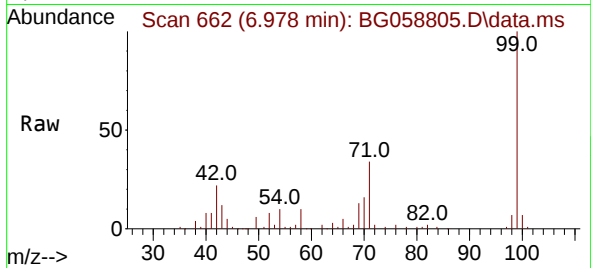




#7
Phenol-d6
Concen: 62.752 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

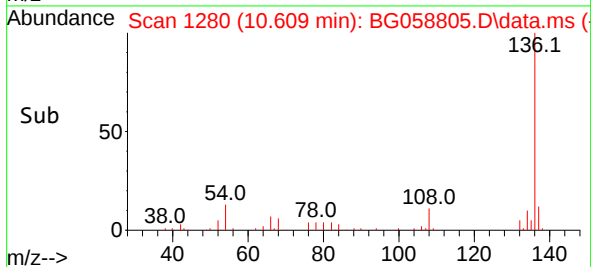
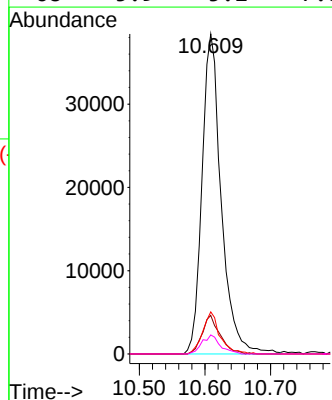
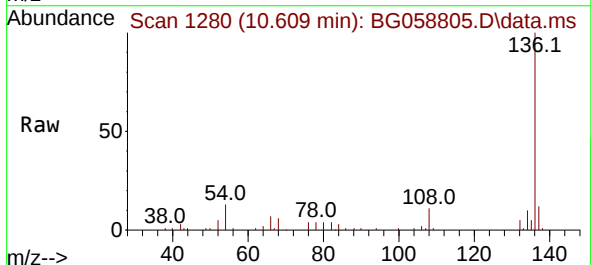
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB04-Z94-95

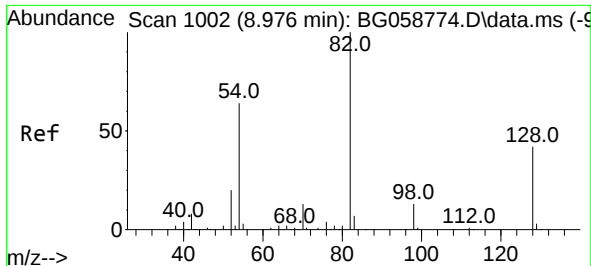
Tgt Ion: 99 Resp: 106121
Ion Ratio Lower Upper
99 100
42 22.4 16.5 24.7
71 34.4 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

Tgt Ion: 136 Resp: 78532
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 13.1 10.1 15.1
68 5.9 5.2 7.8

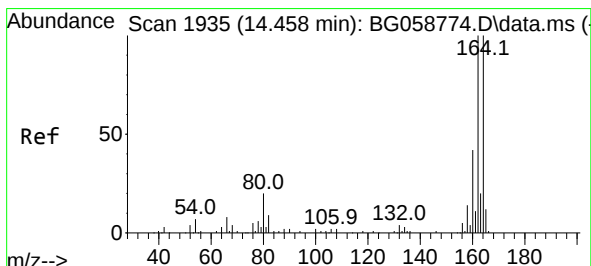
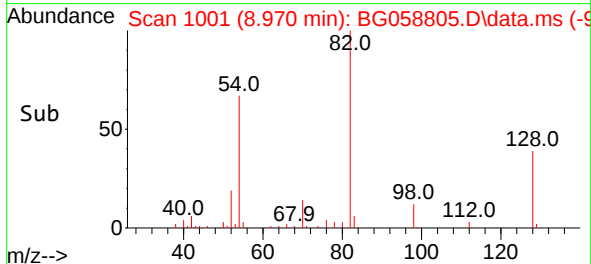
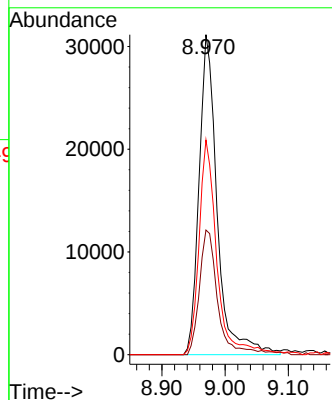
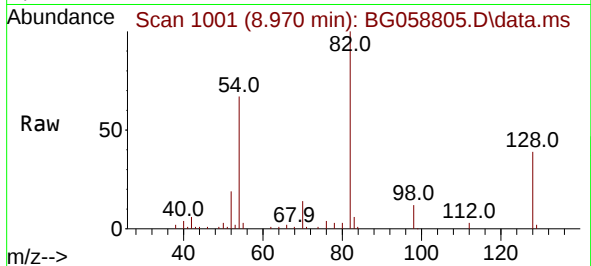




#23
Nitrobenzene-d5
Concen: 37.943 ng
RT: 8.970 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

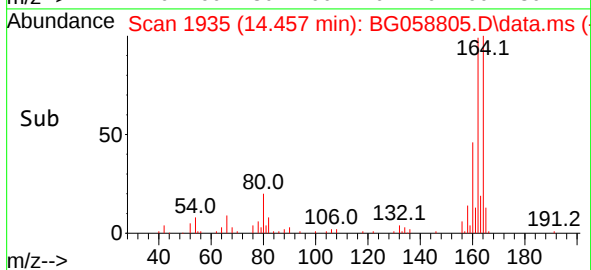
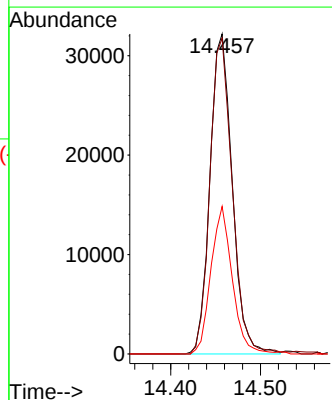
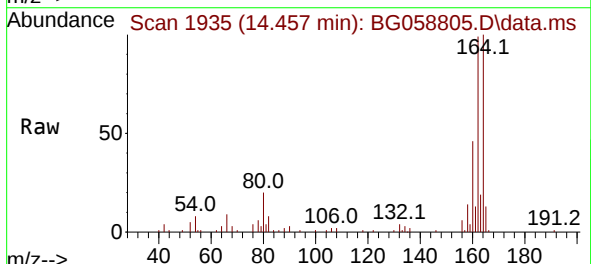
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB04-Z94-95

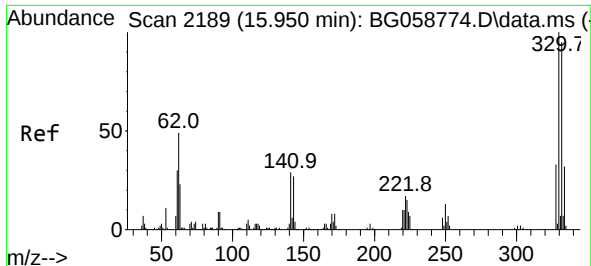
Tgt Ion: 82 Resp: 61978
Ion Ratio Lower Upper
82 100
128 39.0 33.2 49.8
54 67.1 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

Tgt Ion:164 Resp: 55461
Ion Ratio Lower Upper
164 100
162 98.7 79.6 119.4
160 46.1 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 61.105 ng

RT: 15.950 min Scan# 2189

Delta R.T. -0.000 min

Lab File: BG058805.D

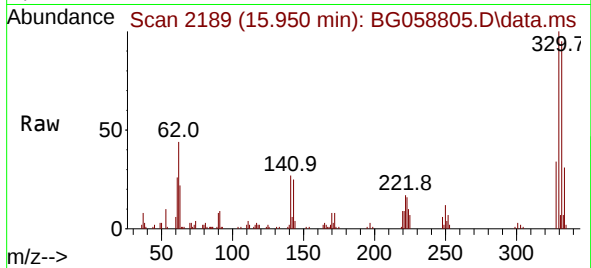
Acq: 22 Aug 2023 12:18

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB04-Z94-95



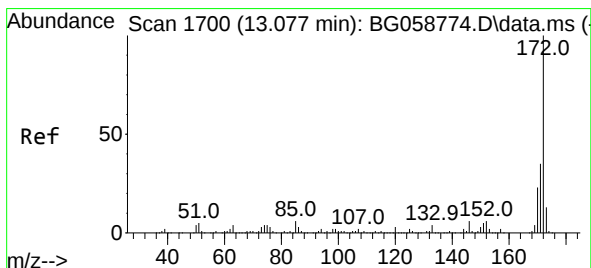
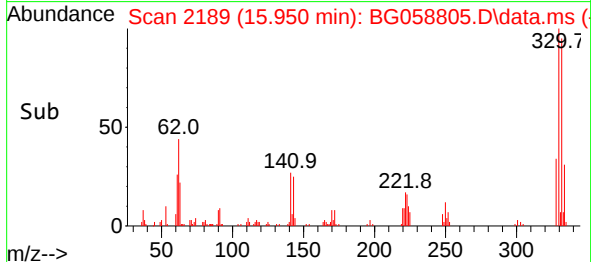
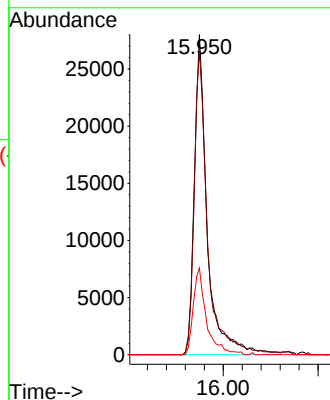
Tgt Ion:330 Resp: 53138

Ion Ratio Lower Upper

330 100

332 97.9 78.5 117.7

141 27.5 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 39.923 ng

RT: 13.071 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BG058805.D

Acq: 22 Aug 2023 12:18

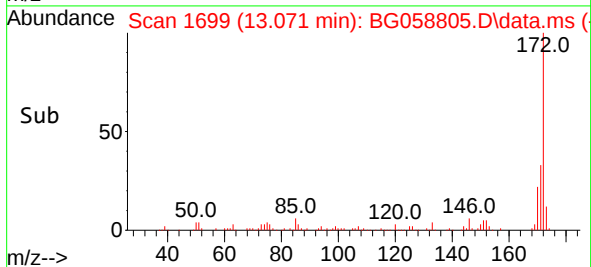
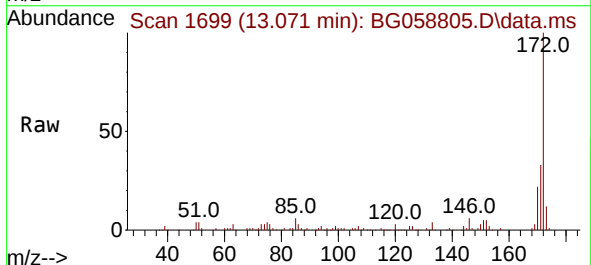
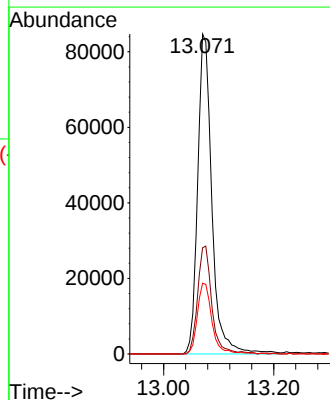
Tgt Ion:172 Resp: 152232

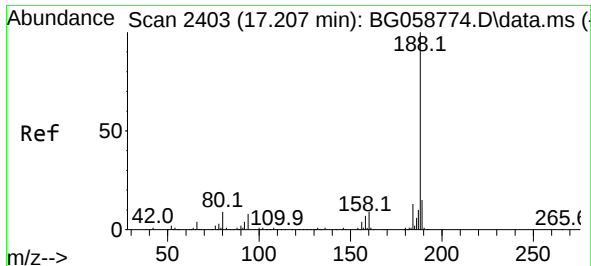
Ion Ratio Lower Upper

172 100

171 33.2 28.1 42.1

170 22.1 18.6 27.8

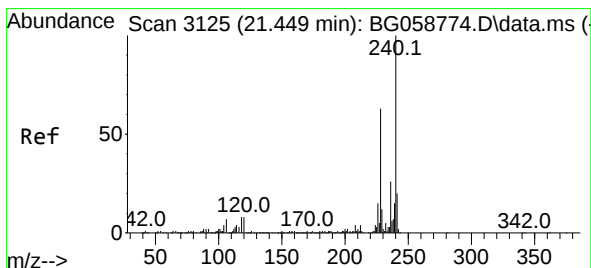
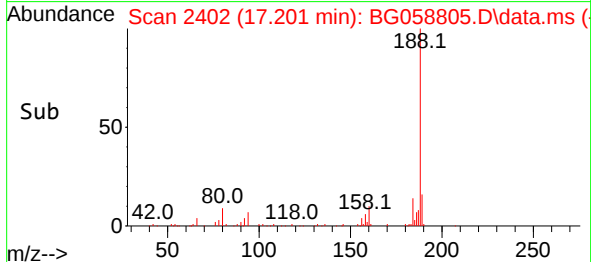
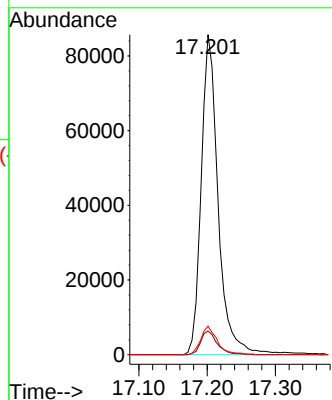
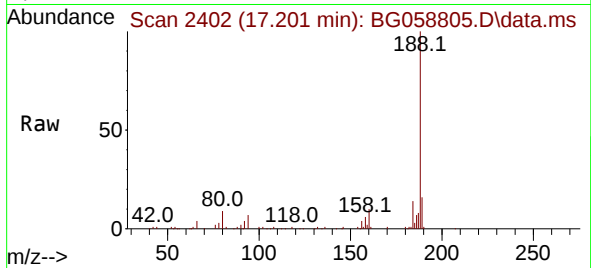




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

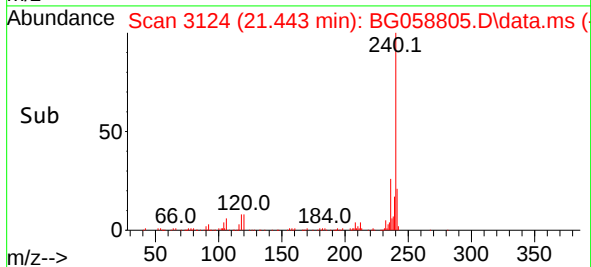
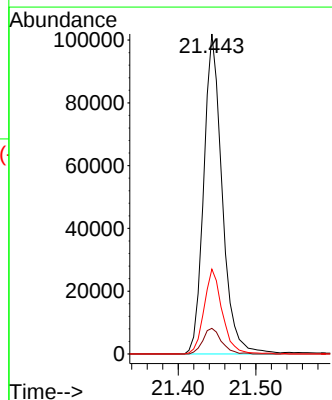
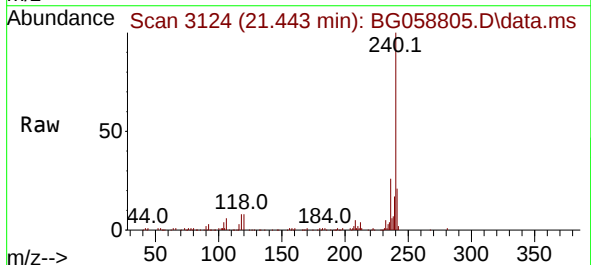
Instrument :
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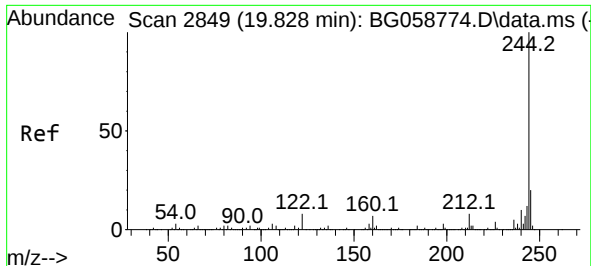
Tgt Ion:188 Resp: 147639
Ion Ratio Lower Upper
188 100
94 7.4 6.1 9.1
80 8.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

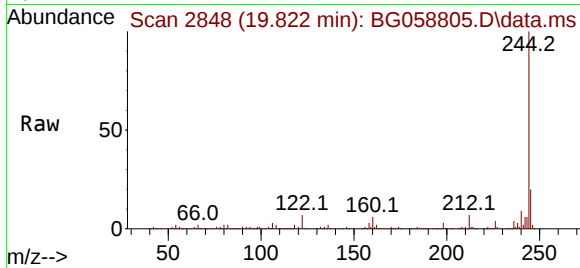
Tgt Ion:240 Resp: 168117
Ion Ratio Lower Upper
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120 8.0 6.2 9.2
236 26.5 20.5 30.7



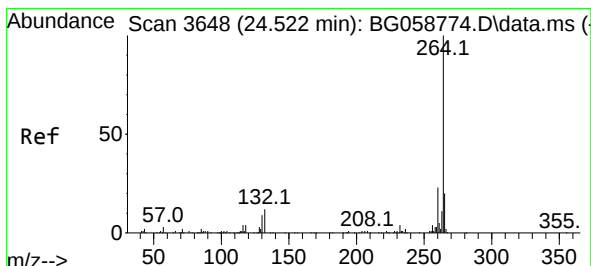
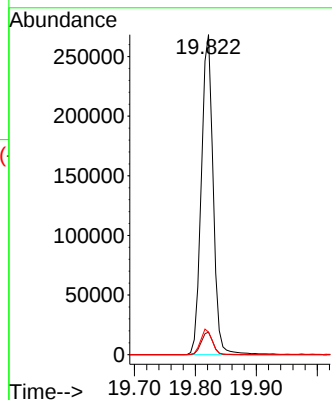
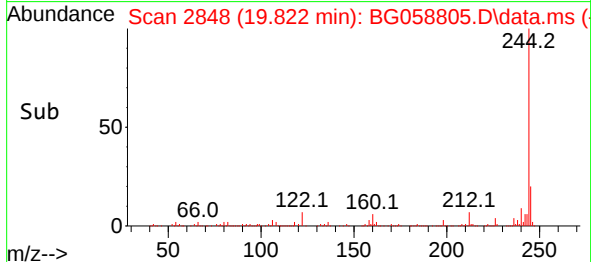


#79
 Terphenyl-d14
 Concen: 38.688 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG058805.D
 Acq: 22 Aug 2023 12:18

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB04-Z94-95



Tgt Ion:244 Resp: 362227
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 7.1 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. -0.006 min
 Lab File: BG058805.D
 Acq: 22 Aug 2023 12:18

Tgt Ion:264 Resp: 201584
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 21.7 16.4 24.6

