

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058912.D
 Acq On : 31 Aug 2023 2:15
 Operator : MA/JU
 Sample : 04198-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-26

Quant Time: Aug 31 04:24:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 01:27:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.759	152	14252	20.000	ng	0.00
21) Naphthalene-d8	10.556	136	61288	20.000	ng	# 0.00
39) Acenaphthene-d10	14.410	164	49335	20.000	ng	0.00
64) Phenanthrene-d10	17.160	188	123479	20.000	ng	# 0.00
76) Chrysene-d12	21.396	240	105077	20.000	ng	-0.01
86) Perylene-d12	24.434	264	121077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.327	112	146499	165.419	ng	0.00
7) Phenol-d6	6.936	99	189006	152.112	ng	0.00
23) Nitrobenzene-d5	8.922	82	134945	105.858	ng	0.00
42) 2,4,6-Tribromophenol	15.908	330	121002	156.422	ng	0.00
45) 2-Fluorobiphenyl	13.029	172	342558	100.990	ng	0.00
79) Terphenyl-d14	19.786	244	680211	116.237	ng	0.00

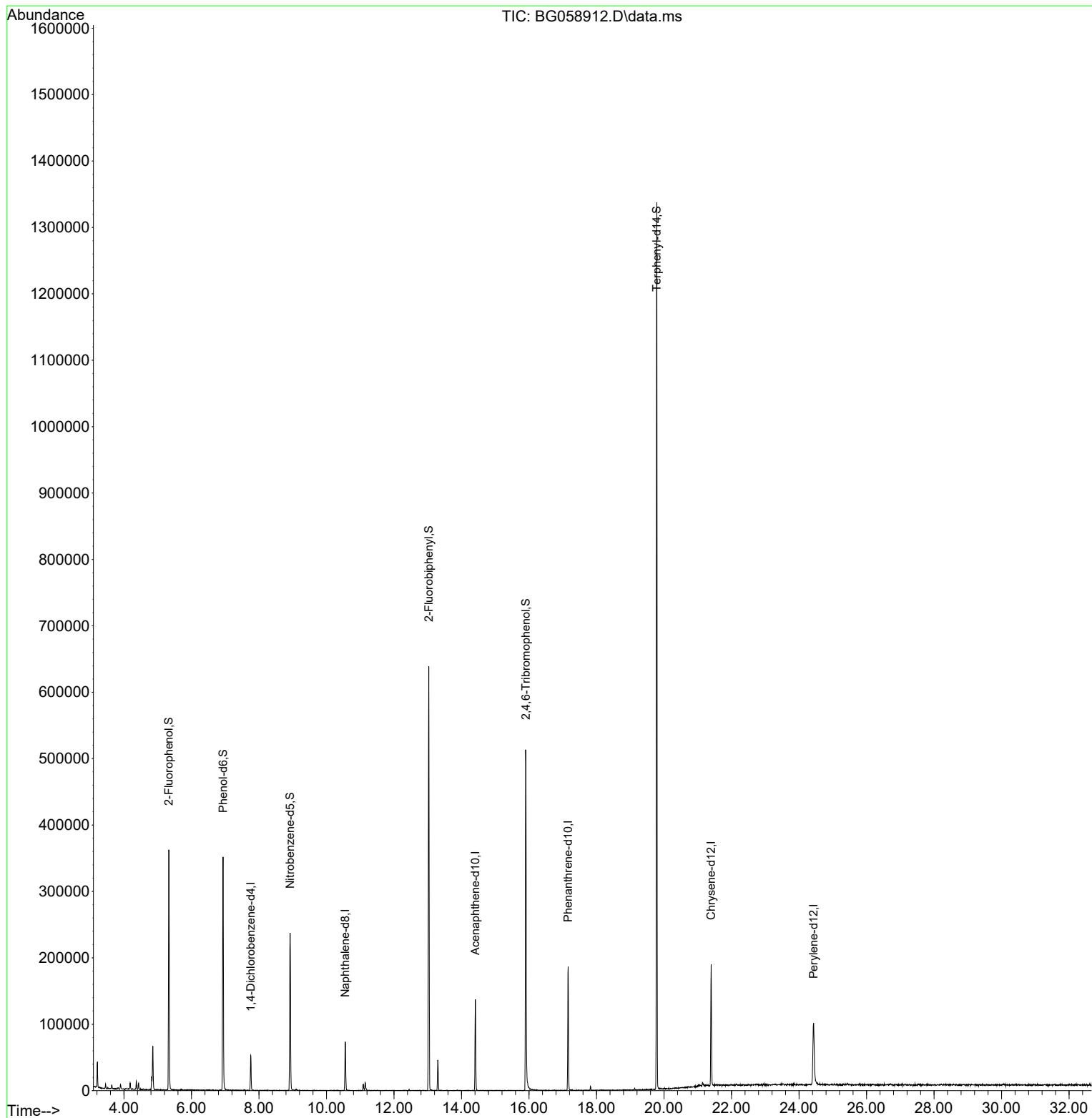
Target Compounds	Qvalue

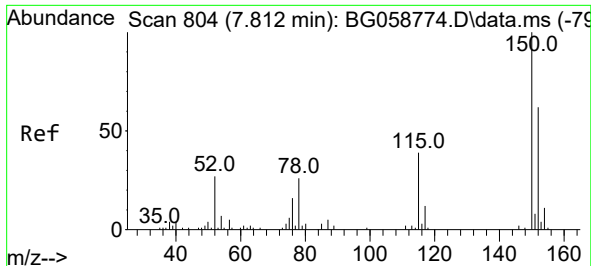
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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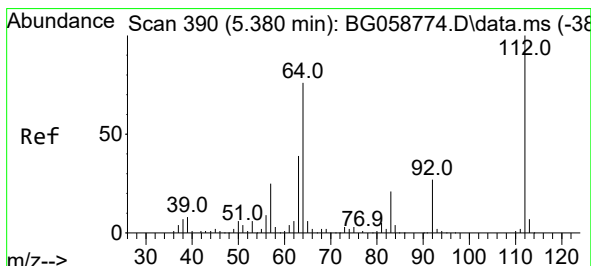
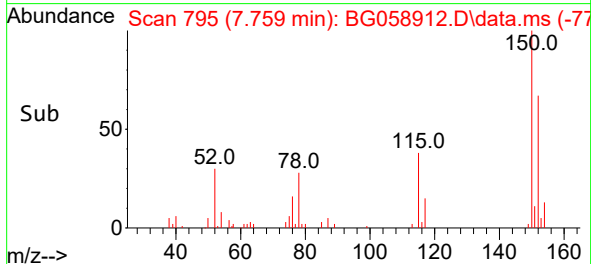
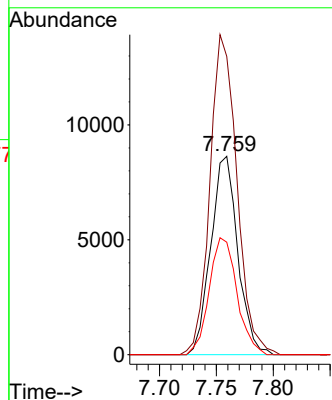
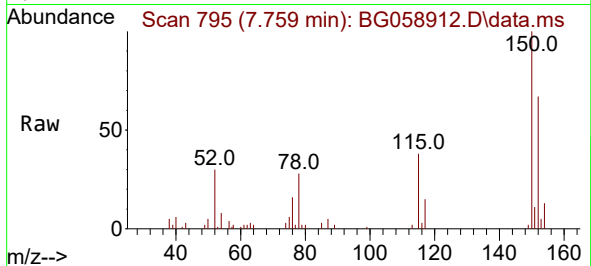




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.759 min Scan# 795
Delta R.T. 0.000 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

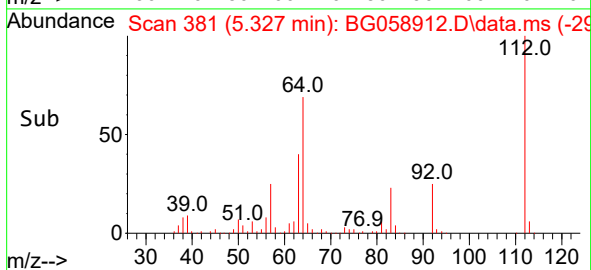
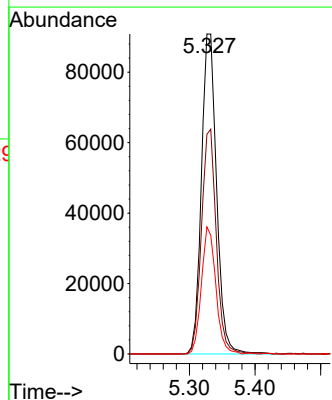
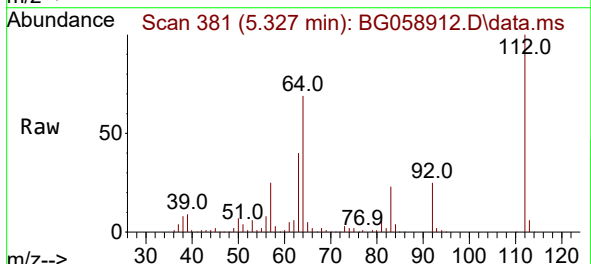
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-26

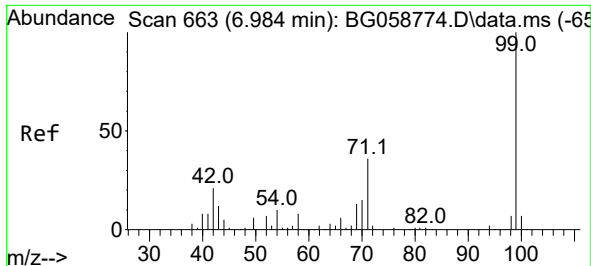
Tgt Ion:152 Resp: 14252
Ion Ratio Lower Upper
152 100
150 150.3 128.6 192.8
115 56.7 50.4 75.6



#5
2-Fluorophenol
Concen: 165.419 ng
RT: 5.327 min Scan# 381
Delta R.T. 0.000 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

Tgt Ion:112 Resp: 146499
Ion Ratio Lower Upper
112 100
64 68.7 60.6 90.8
63 39.7 31.0 46.4

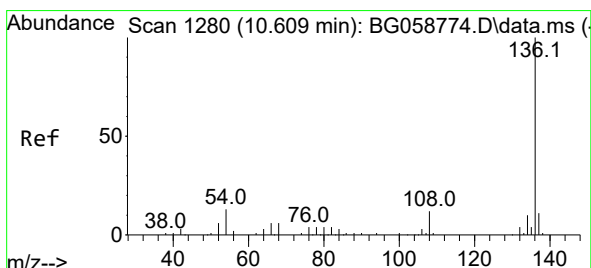
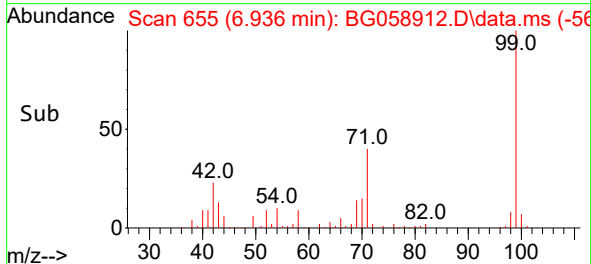
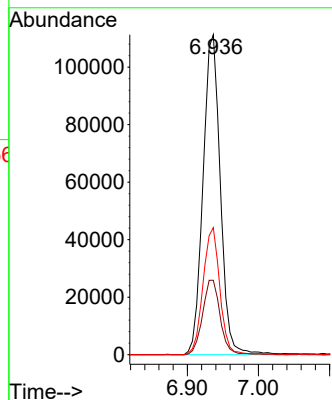
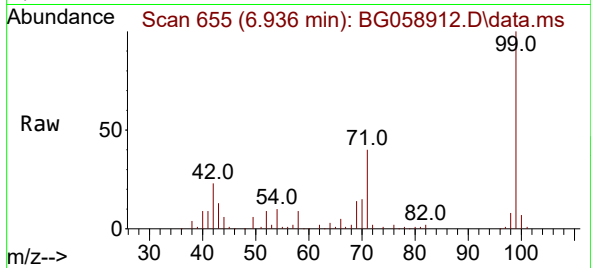




#7
Phenol-d6
Concen: 152.112 ng
RT: 6.936 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

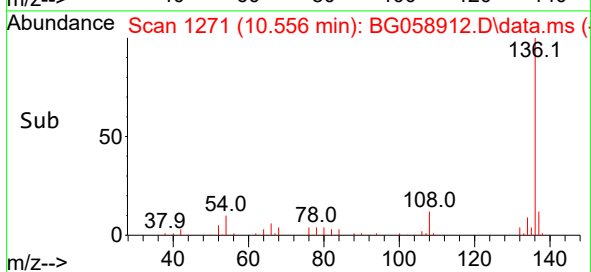
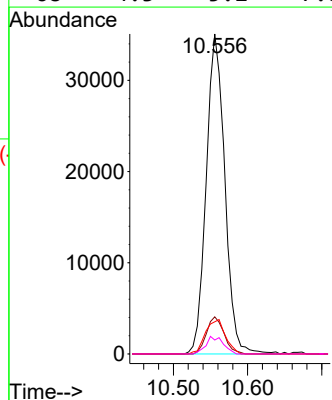
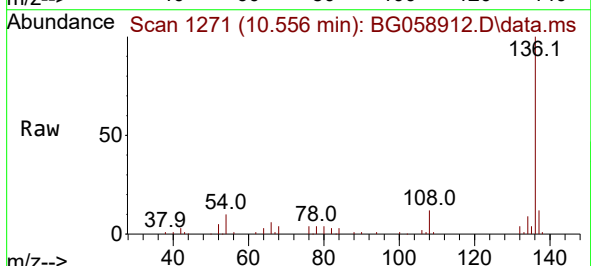
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-26

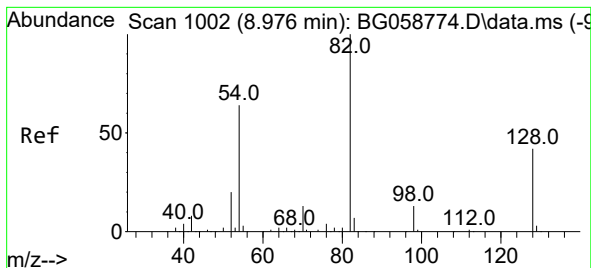
Tgt Ion: 99 Resp: 189006
Ion Ratio Lower Upper
99 100
42 23.2 16.5 24.7
71 39.7 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.556 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

Tgt Ion: 136 Resp: 61288
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 10.1 10.1 15.1#
68 4.3 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 105.858 ng

RT: 8.922 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG058912.D

Acq: 31 Aug 2023 2:15

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-26

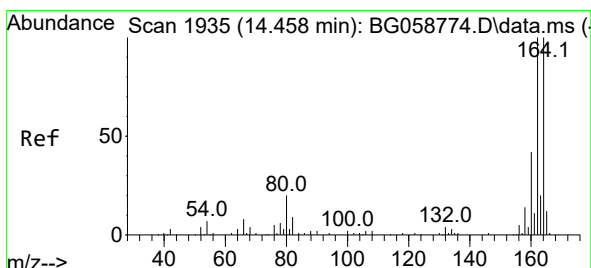
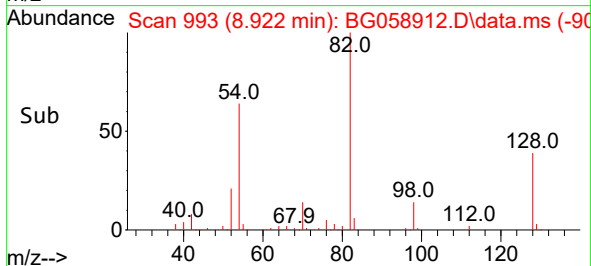
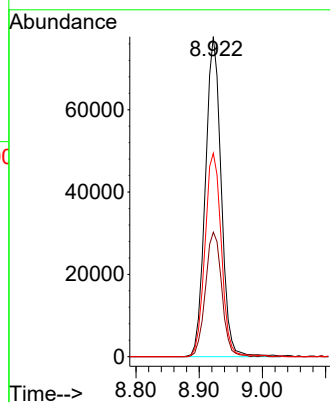
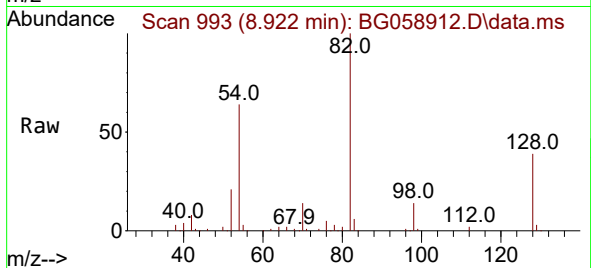
Tgt Ion: 82 Resp: 134945

Ion Ratio Lower Upper

82 100

128 38.9 33.2 49.8

54 63.6 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BG058912.D

Acq: 31 Aug 2023 2:15

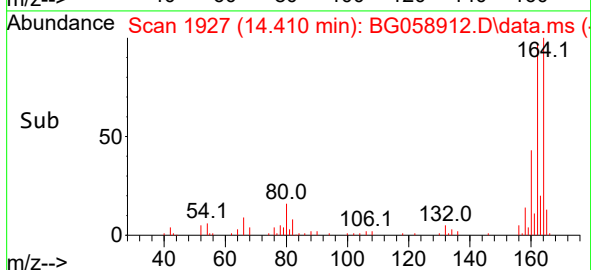
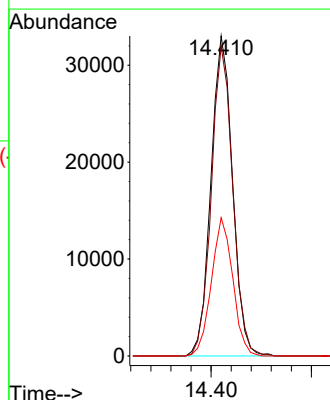
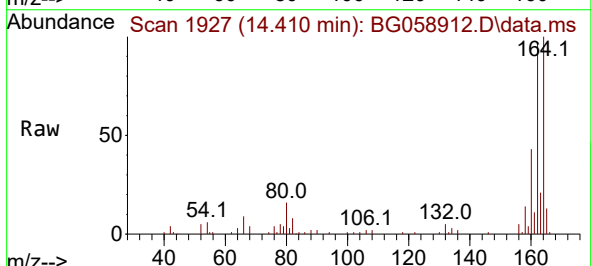
Tgt Ion: 164 Resp: 49335

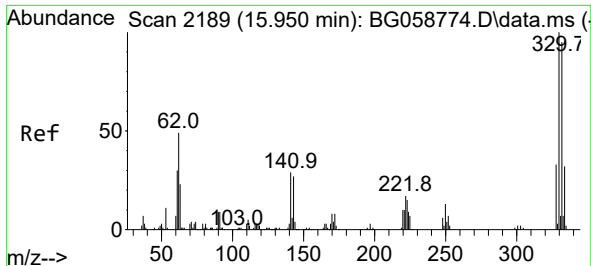
Ion Ratio Lower Upper

164 100

162 96.8 79.6 119.4

160 43.2 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 156.422 ng

RT: 15.908 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058912.D

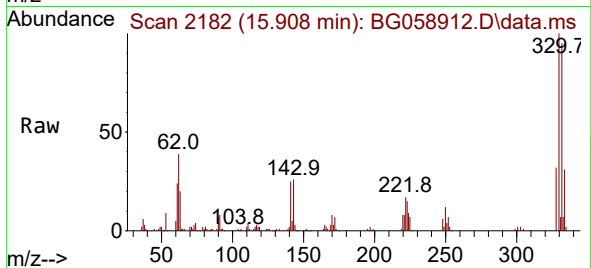
Acq: 31 Aug 2023 2:15

Instrument :

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OR-309-OK-370-COMP-26



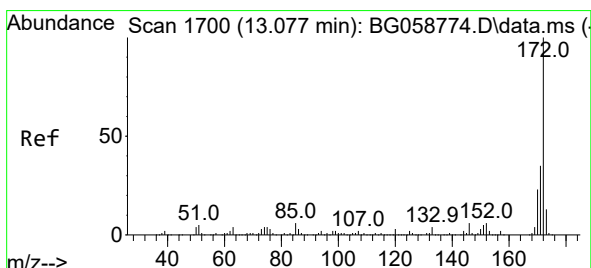
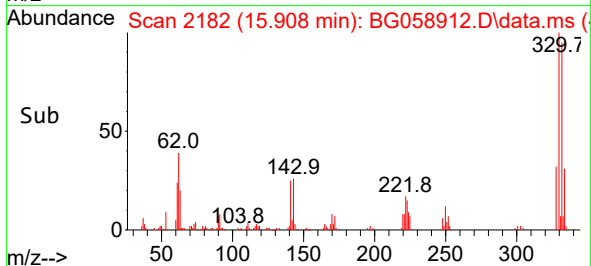
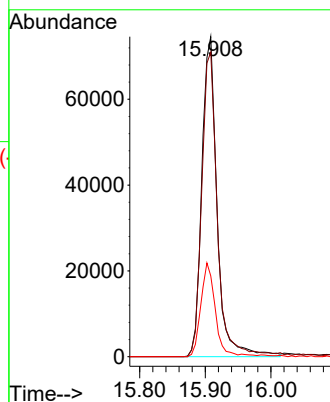
Tgt Ion:330 Resp: 121002

Ion Ratio Lower Upper

330 100

332 97.3 78.5 117.7

141 27.8 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 100.990 ng

RT: 13.029 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BG058912.D

Acq: 31 Aug 2023 2:15

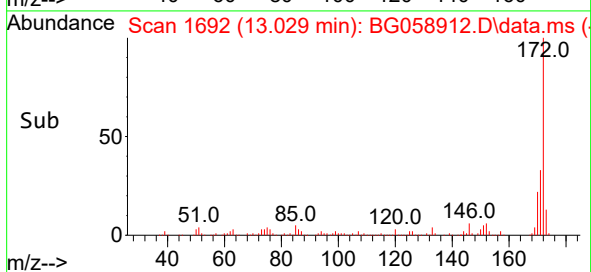
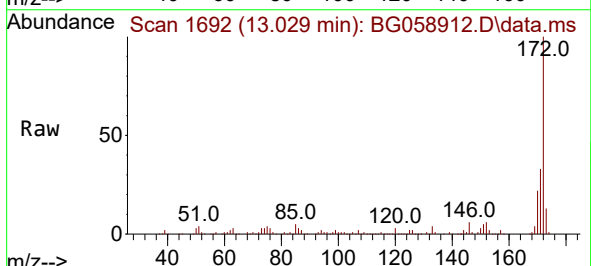
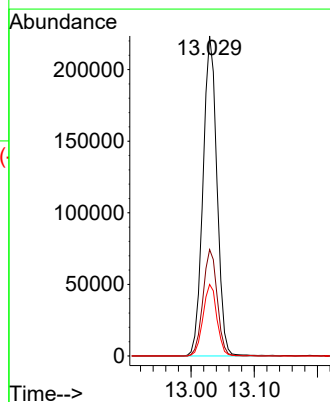
Tgt Ion:172 Resp: 342558

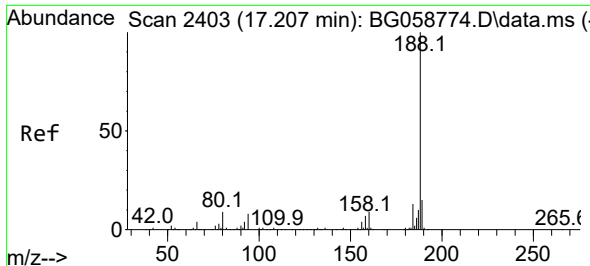
Ion Ratio Lower Upper

172 100

171 33.3 28.1 42.1

170 22.3 18.6 27.8

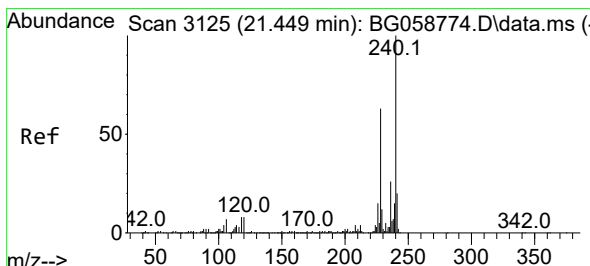
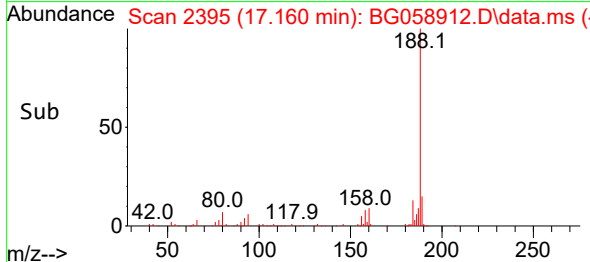
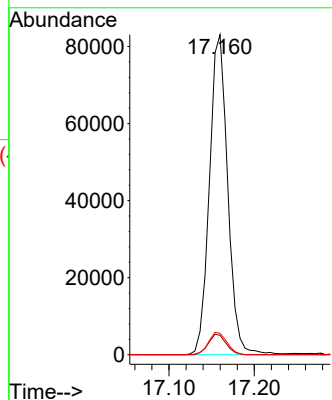
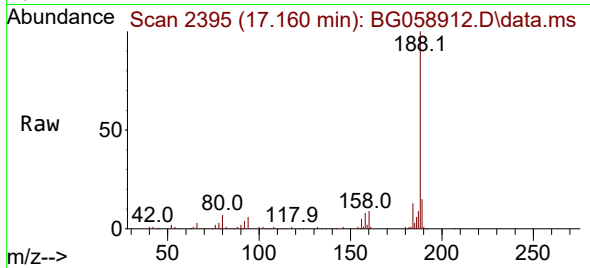




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

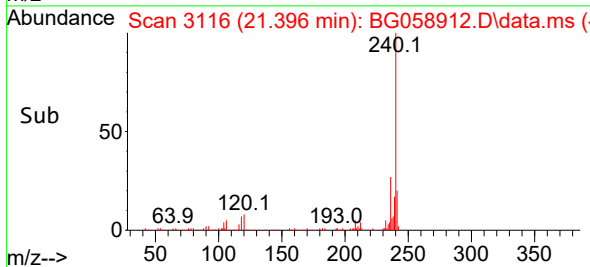
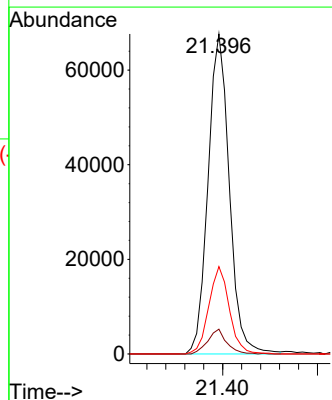
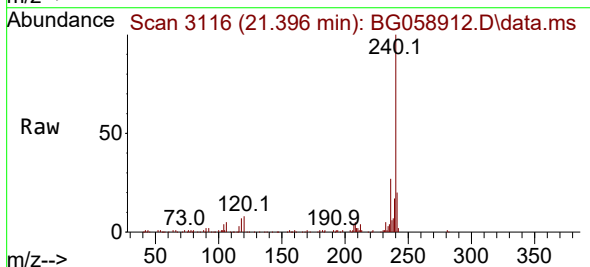
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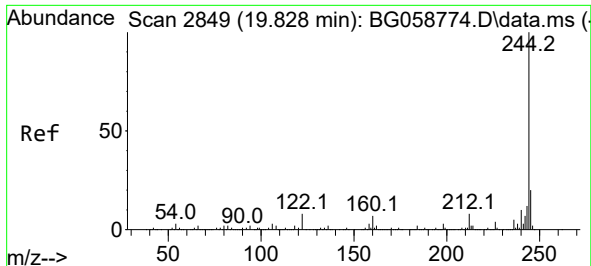
Tgt Ion:188 Resp: 123479
Ion Ratio Lower Upper
188 100
94 6.0 6.1 9.1#
80 6.6 6.9 10.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.396 min Scan# 3116
Delta R.T. -0.011 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

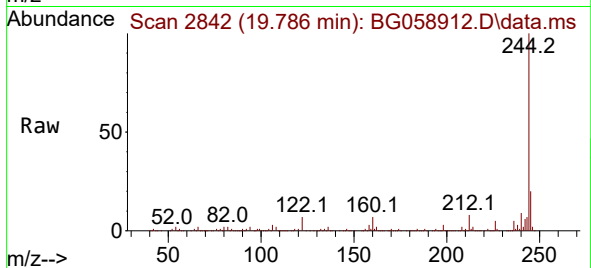
Tgt Ion:240 Resp: 105077
Ion Ratio Lower Upper
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120 7.7 6.2 9.2
236 27.3 20.5 30.7



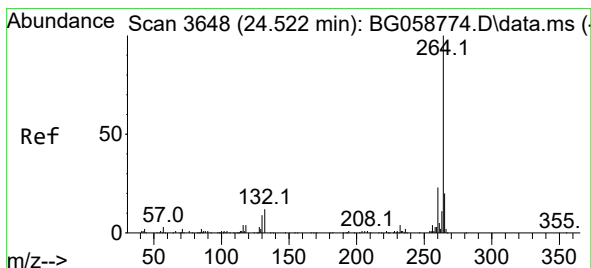
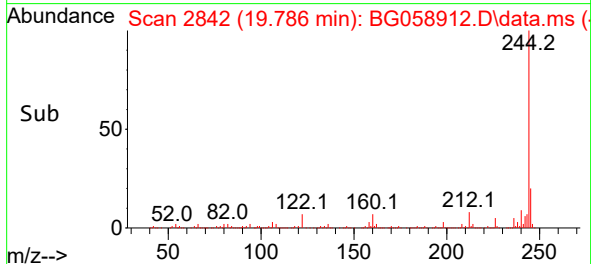
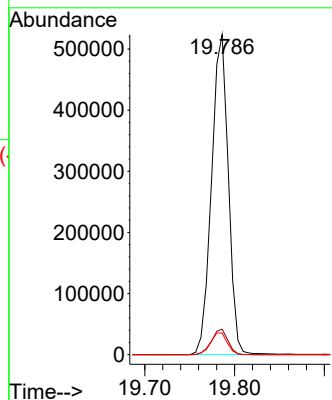


#79
 Terphenyl-d14
 Concen: 116.237 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG058912.D
 Acq: 31 Aug 2023 2:15

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-26



Tgt Ion:244 Resp: 680211
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 6.8 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.434 min Scan# 3633
 Delta R.T. -0.006 min
 Lab File: BG058912.D
 Acq: 31 Aug 2023 2:15

Tgt Ion:264 Resp: 121077
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.2 27.2
 265 20.8 16.4 24.6

