

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058901.D
 Acq On : 30 Aug 2023 18:42
 Operator : MA/JU
 Sample : 04196-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-01

Quant Time: Aug 31 01:40:31 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	7.761	152	15070	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	64223	20.000	ng	0.00
39) Acenaphthene-d10	14.412	164	52043	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	123719	20.000	ng	# 0.00
76) Chrysene-d12	21.398	240	99897	20.000	ng	0.00
86) Perylene-d12	24.435	264	122986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	133698	142.770	ng	0.00
7) Phenol-d6	6.938	99	178354	135.748	ng	0.00
23) Nitrobenzene-d5	8.924	82	126273	94.529	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	126377	154.869	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	325833	91.061	ng	0.00
79) Terphenyl-d14	19.788	244	572205	102.851	ng	0.00

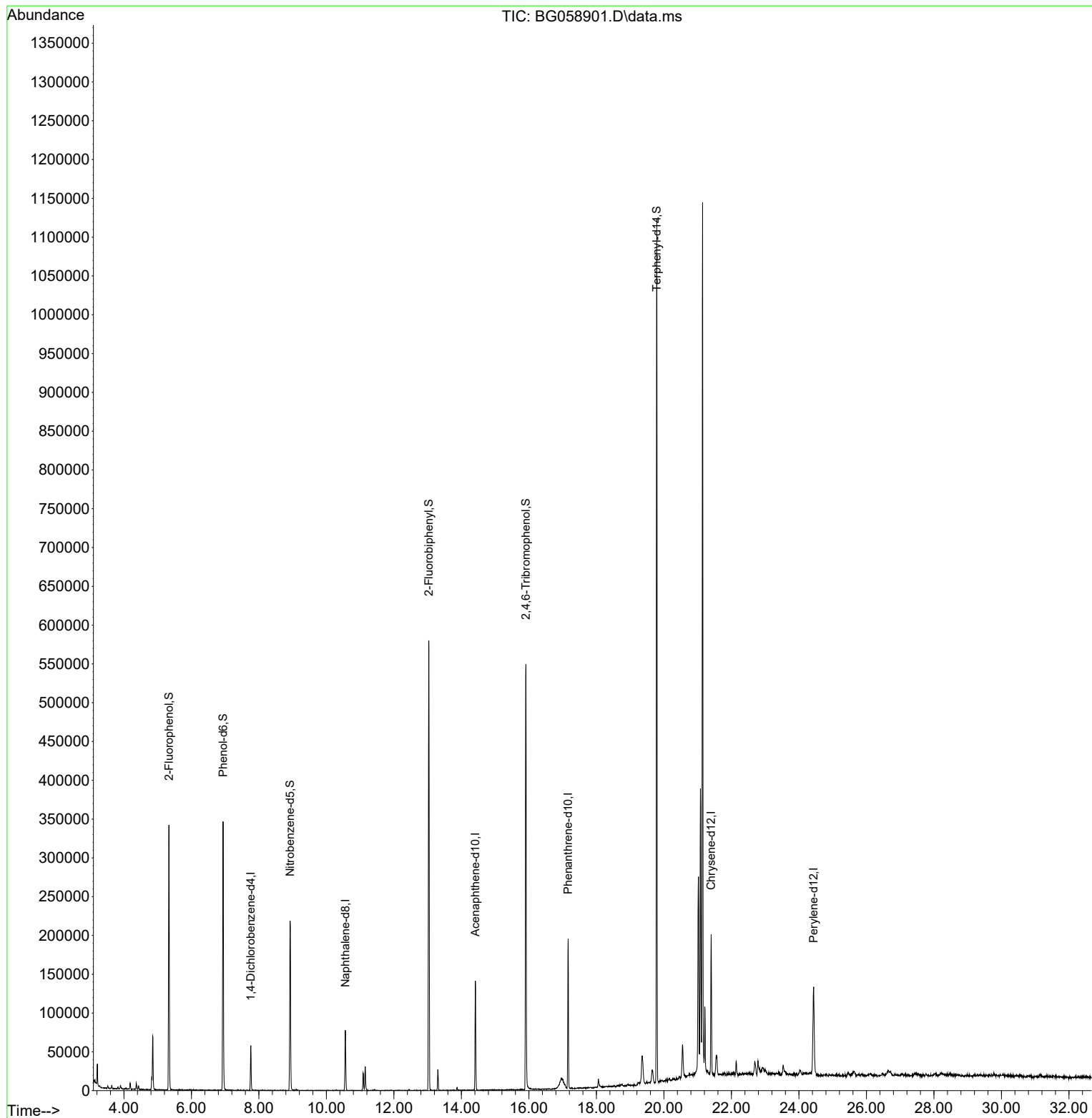
Target Compounds	Qvalue

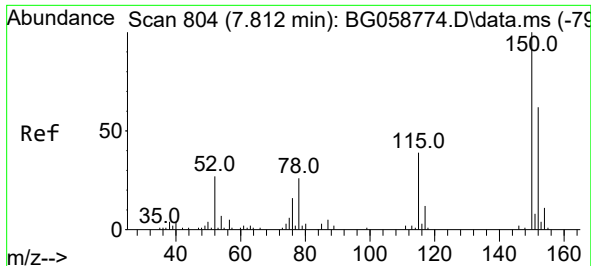
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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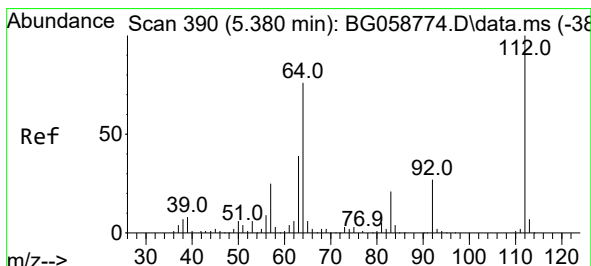
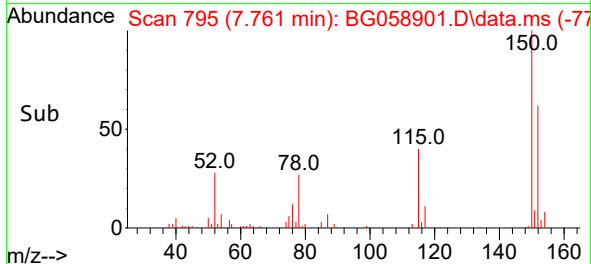
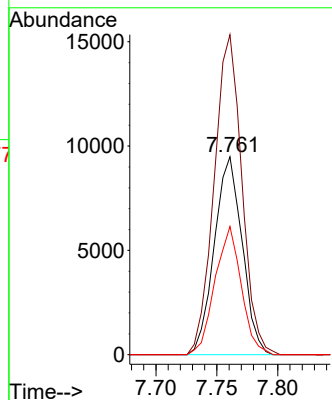
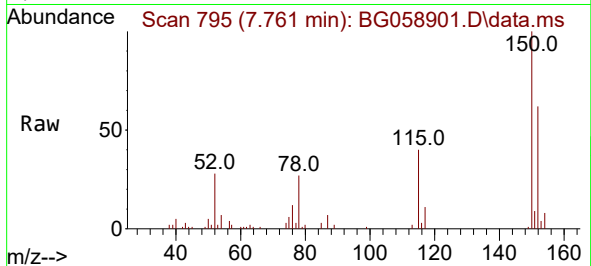




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.761 min Scan# 795
Delta R.T. 0.002 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

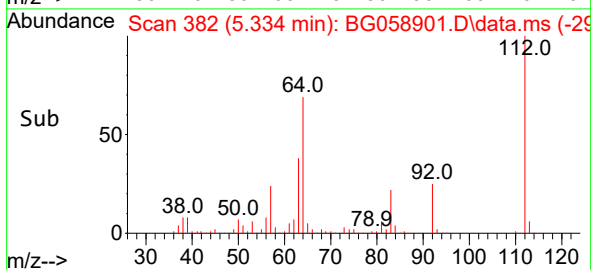
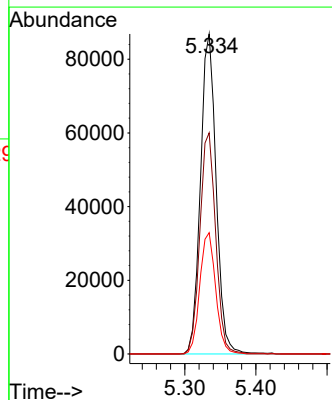
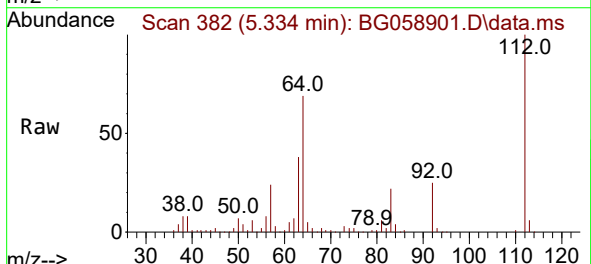
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01

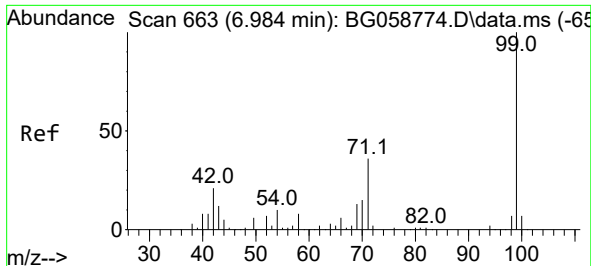
Tgt Ion:152 Resp: 15070
Ion Ratio Lower Upper
152 100
150 161.7 128.6 192.8
115 64.8 50.4 75.6



#5
2-Fluorophenol
Concen: 142.770 ng
RT: 5.334 min Scan# 382
Delta R.T. 0.008 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

Tgt Ion:112 Resp: 133698
Ion Ratio Lower Upper
112 100
64 69.1 60.6 90.8
63 37.9 31.0 46.4

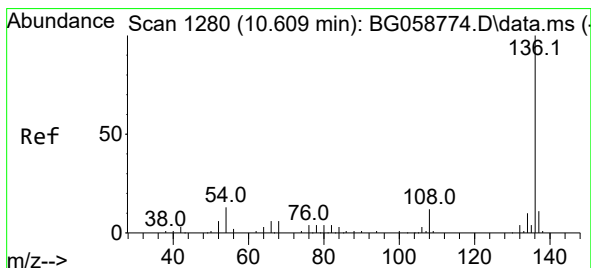
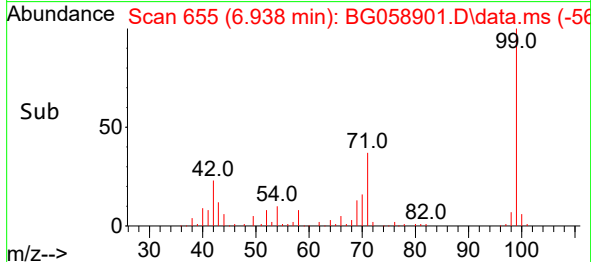
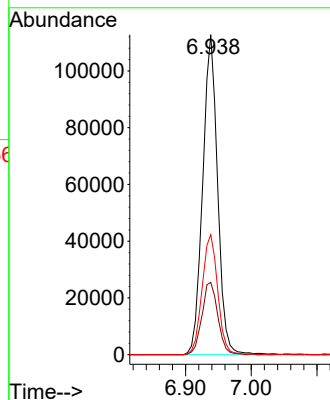
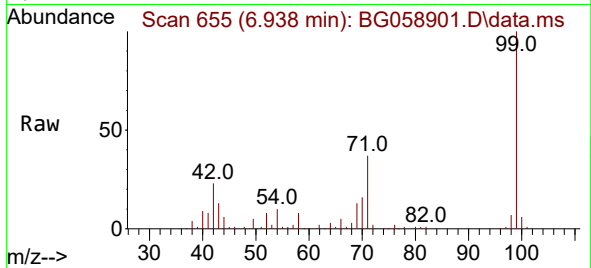




#7
Phenol-d6
Concen: 135.748 ng
RT: 6.938 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

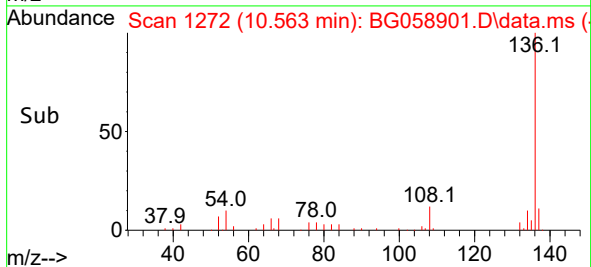
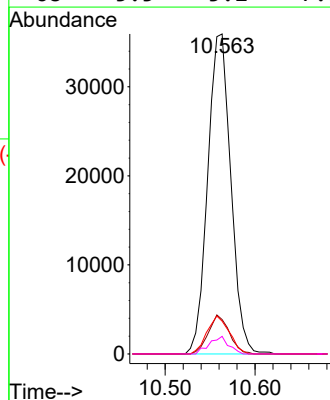
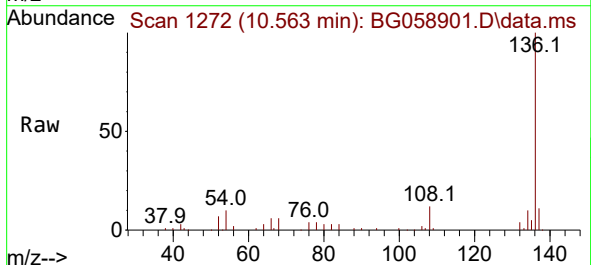
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01

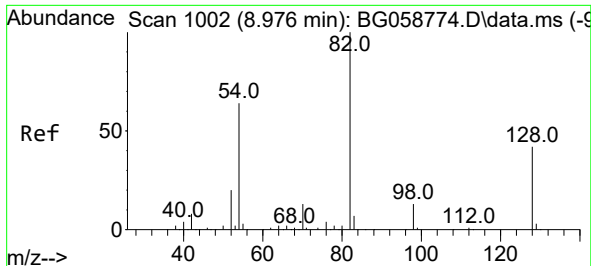
Tgt Ion: 99 Resp: 178354
Ion Ratio Lower Upper
99 100
42 22.6 16.5 24.7
71 37.5 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1272
Delta R.T. 0.002 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

Tgt Ion: 136 Resp: 64223
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 10.3 10.1 15.1
68 5.5 5.2 7.8

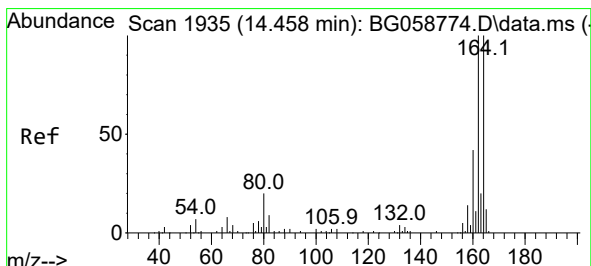
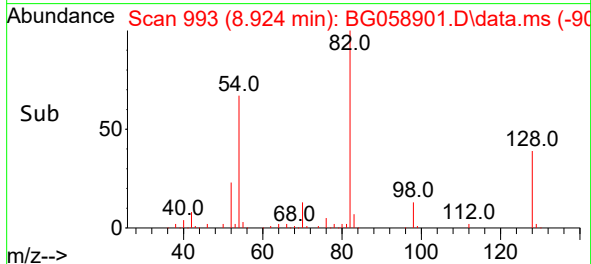
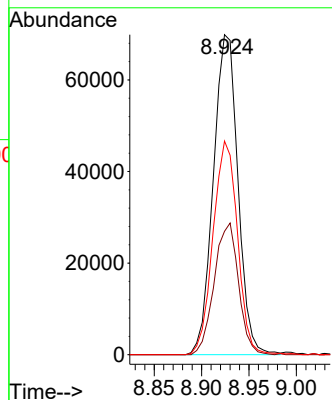
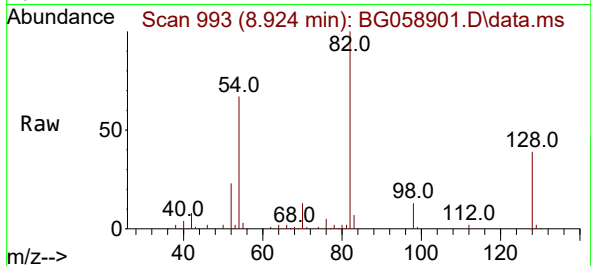




#23
Nitrobenzene-d5
Concen: 94.529 ng
RT: 8.924 min Scan# 911
Delta R.T. -0.004 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

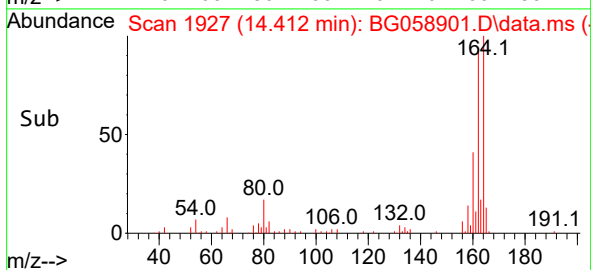
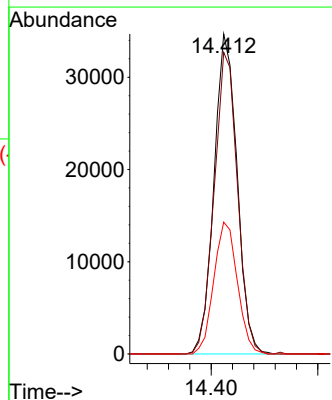
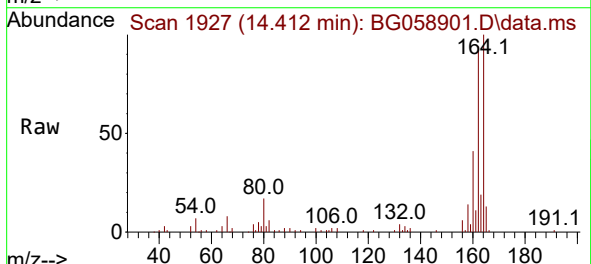
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01

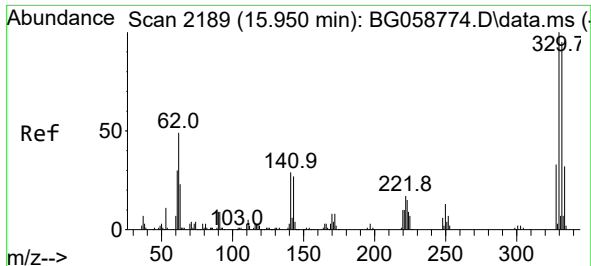
Tgt Ion: 82 Resp: 126273
Ion Ratio Lower Upper
82 100
128 38.5 33.2 49.8
54 66.7 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.412 min Scan# 1927
Delta R.T. -0.004 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

Tgt Ion: 164 Resp: 52043
Ion Ratio Lower Upper
164 100
162 94.3 79.6 119.4
160 41.2 34.0 51.0

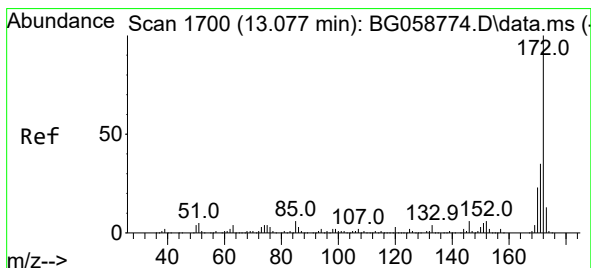
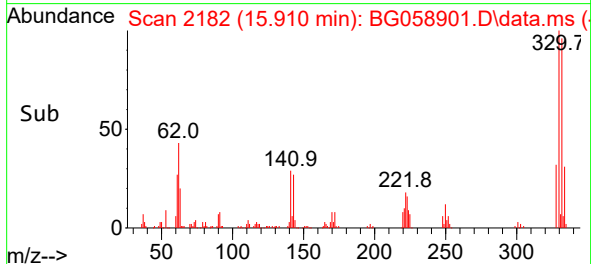
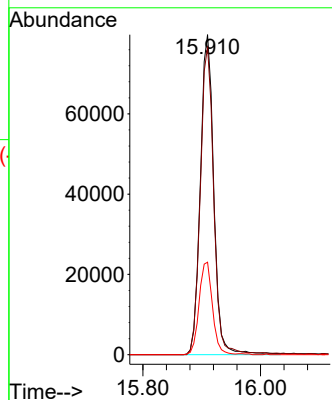
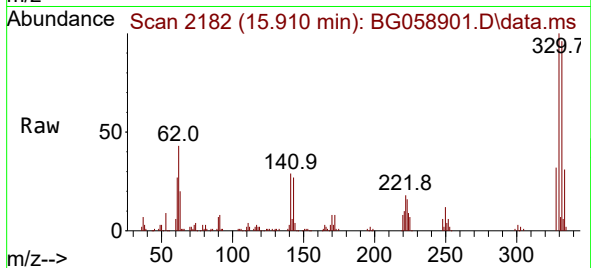




#42
2,4,6-Tribromophenol
Concen: 154.869 ng
RT: 15.910 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

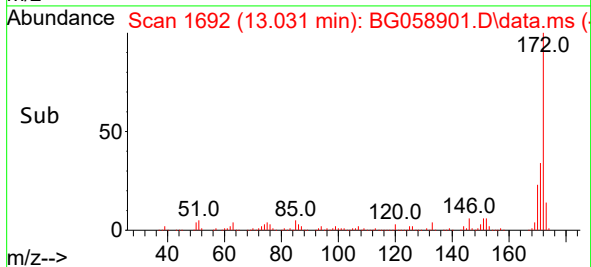
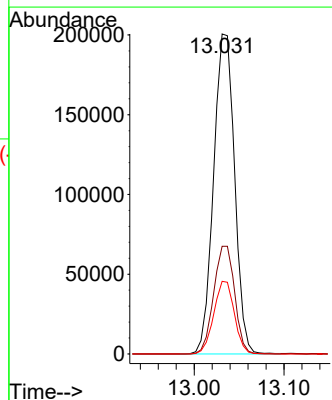
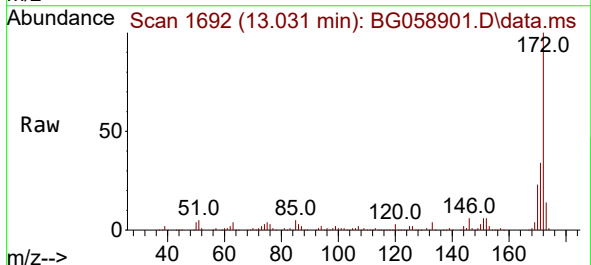
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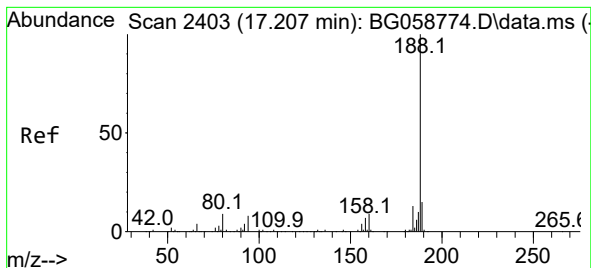
Tgt Ion:330 Resp: 126377
Ion Ratio Lower Upper
330 100
332 96.1 78.5 117.7
141 28.8 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 91.061 ng
RT: 13.031 min Scan# 1692
Delta R.T. -0.004 min
Lab File: BG058901.D
Acq: 30 Aug 2023 18:42

Tgt Ion:172 Resp: 325833
Ion Ratio Lower Upper
172 100
171 33.7 28.1 42.1
170 22.7 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.162 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG058901.D

Acq: 30 Aug 2023 18:42

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01

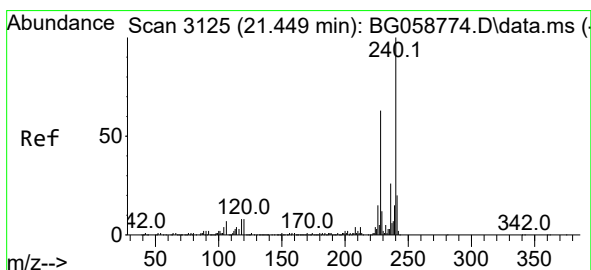
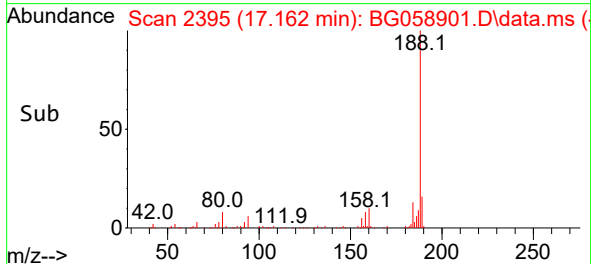
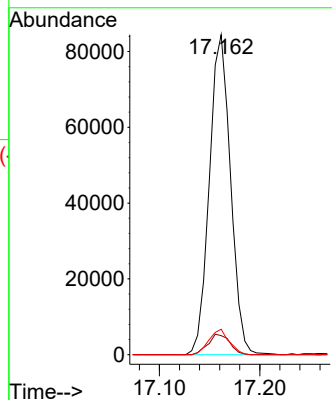
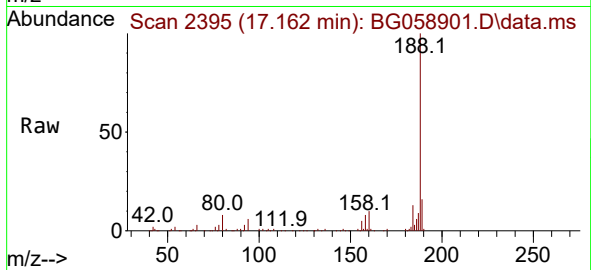
Tgt Ion:188 Resp: 123719

Ion Ratio Lower Upper

188 100

94 6.0 6.1 9.1#

80 7.9 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3116

Delta R.T. -0.010 min

Lab File: BG058901.D

Acq: 30 Aug 2023 18:42

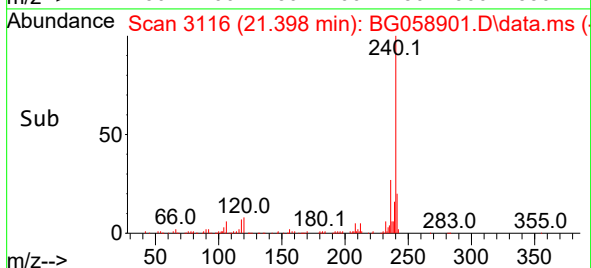
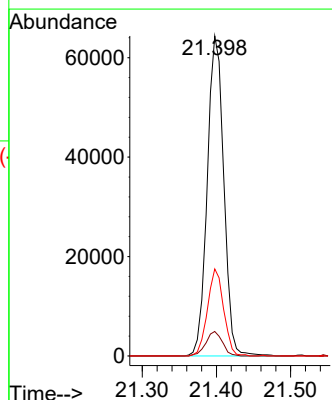
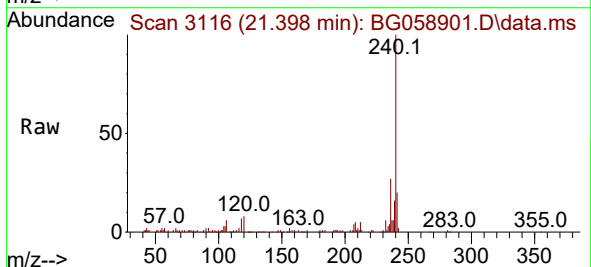
Tgt Ion:240 Resp: 99897

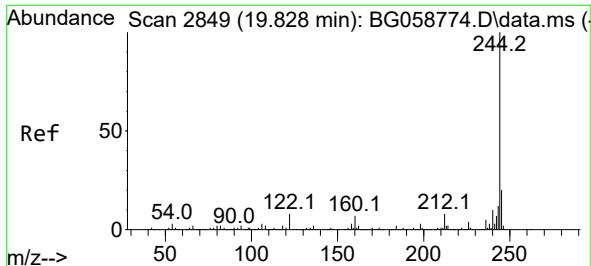
Ion Ratio Lower Upper

240 100

120 7.6 6.2 9.2

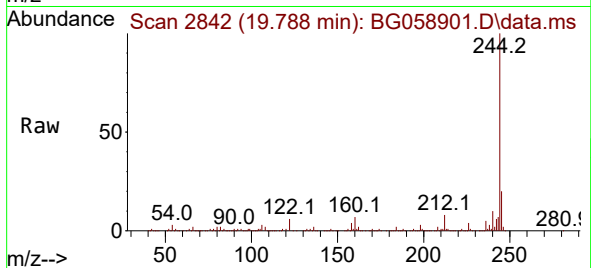
236 27.2 20.5 30.7



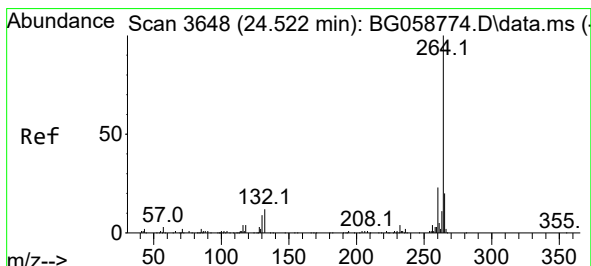
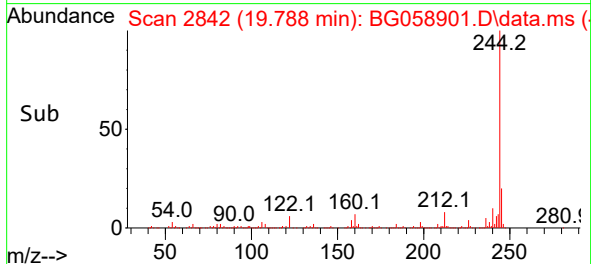
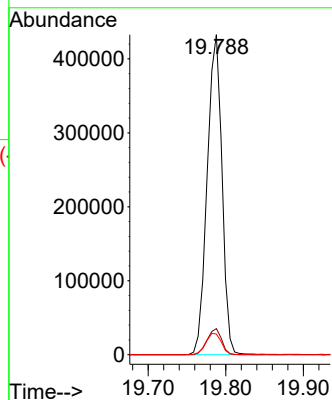


#79
 Terphenyl-d14
 Concen: 102.851 ng
 RT: 19.788 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG058901.D
 Acq: 30 Aug 2023 18:42

Instrument :
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Tgt Ion:244 Resp: 572205
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 6.4 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.435 min Scan# 3633
 Delta R.T. -0.004 min
 Lab File: BG058901.D
 Acq: 30 Aug 2023 18:42

Tgt Ion:264 Resp: 122986
 Ion Ratio Lower Upper
 264 100
 260 20.6 18.2 27.2
 265 20.9 16.4 24.6

