

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058906.D
 Acq On : 30 Aug 2023 22:09
 Operator : MA/JU
 Sample : 04197-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-20

Quant Time: Aug 31 01:41:49 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	7.758	152	13094	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	56033	20.000	ng	# 0.00
39) Acenaphthene-d10	14.409	164	46134	20.000	ng	0.00
64) Phenanthrene-d10	17.159	188	119797	20.000	ng	0.00
76) Chrysene-d12	21.395	240	100333	20.000	ng	-0.01
86) Perylene-d12	24.433	264	118014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.332	112	135541	166.580	ng	0.00
7) Phenol-d6	6.936	99	179025	156.821	ng	0.00
23) Nitrobenzene-d5	8.922	82	128474	110.234	ng	0.00
42) 2,4,6-Tribromophenol	15.908	330	126738	175.204	ng	0.00
45) 2-Fluorobiphenyl	13.029	172	328603	103.598	ng	0.00
79) Terphenyl-d14	19.786	244	678540	121.434	ng	0.00

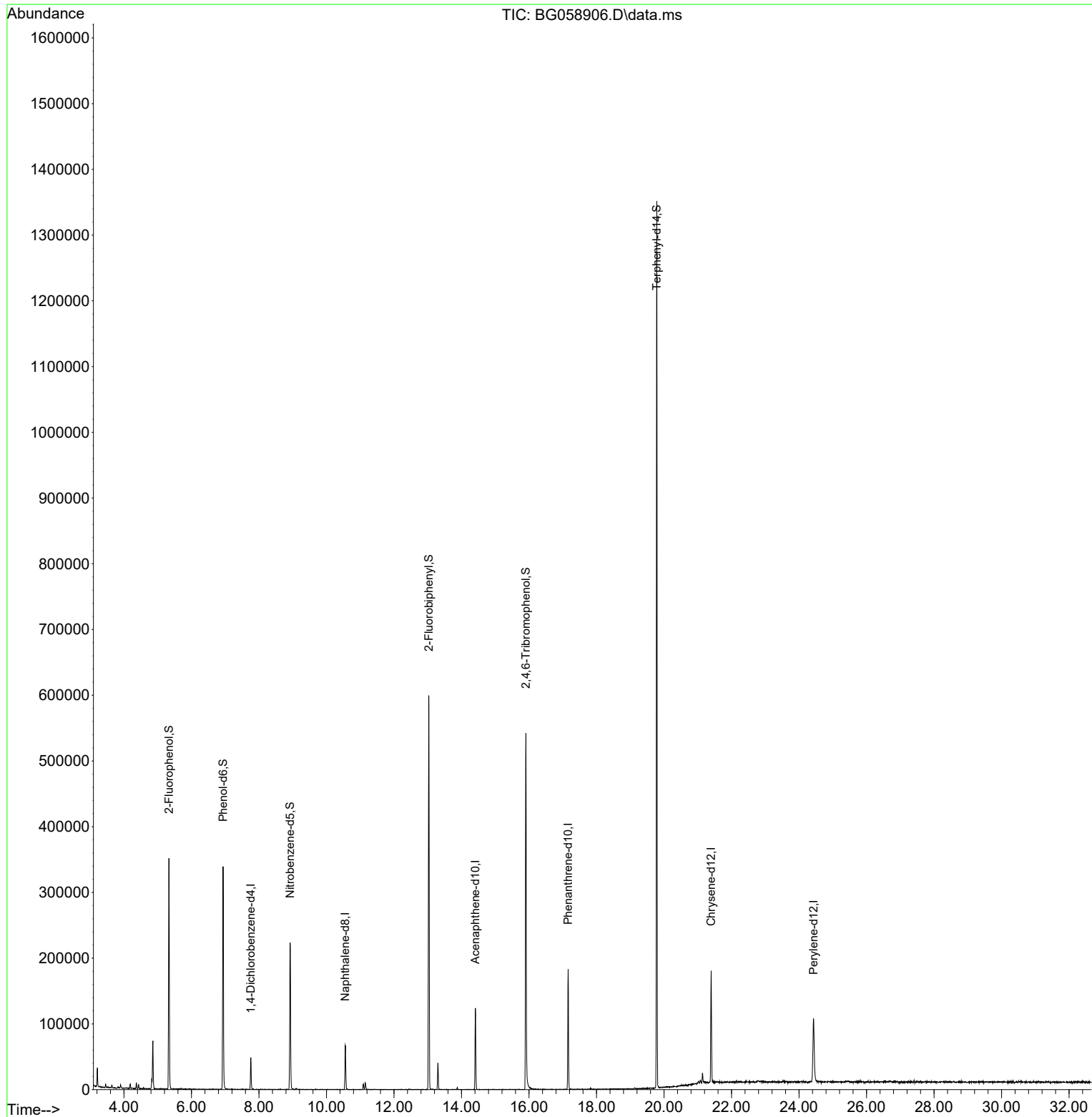
Target Compounds	Qvalue

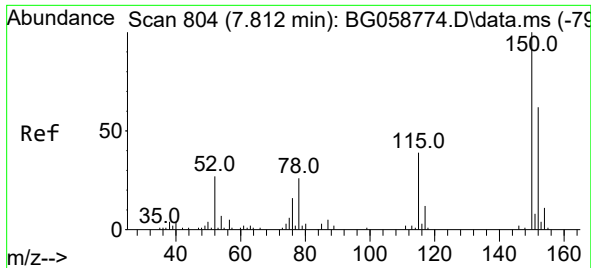
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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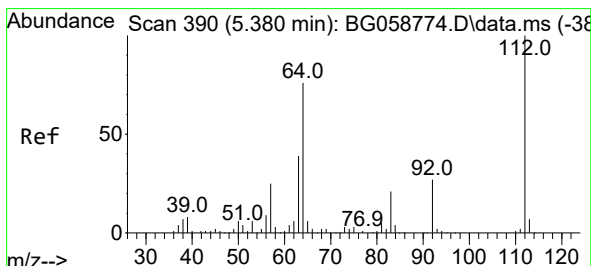
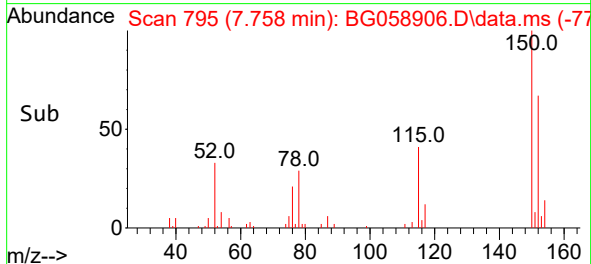
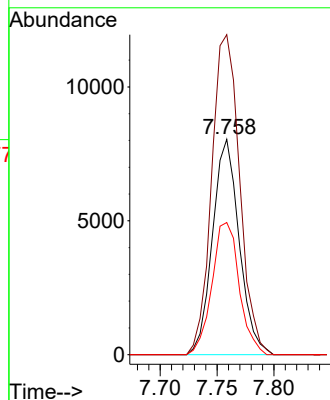
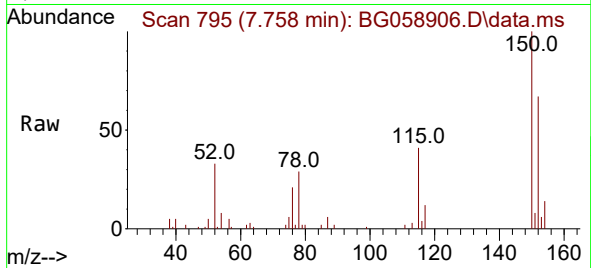




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

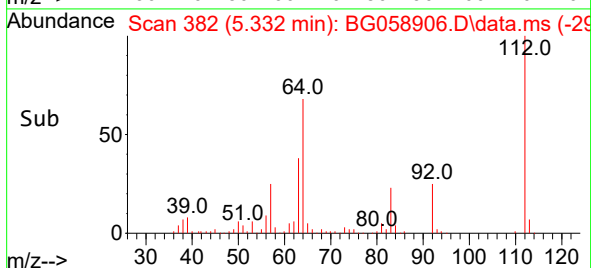
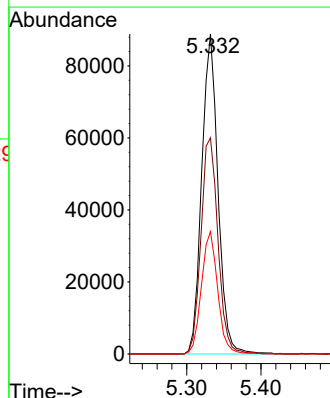
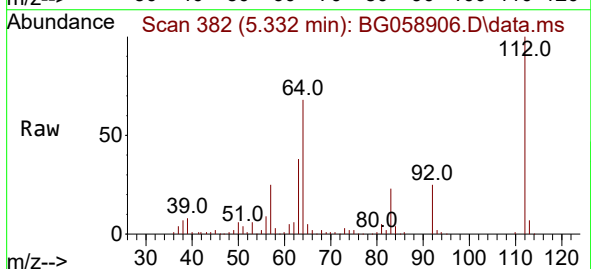
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-20

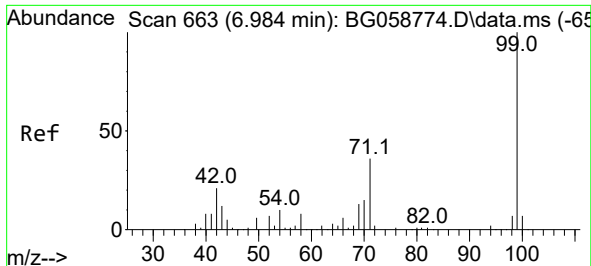
Tgt Ion:152 Resp: 13094
Ion Ratio Lower Upper
152 100
150 148.6 128.6 192.8
115 61.3 50.4 75.6



#5
2-Fluorophenol
Concen: 166.580 ng
RT: 5.332 min Scan# 382
Delta R.T. 0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

Tgt Ion:112 Resp: 135541
Ion Ratio Lower Upper
112 100
64 67.5 60.6 90.8
63 38.2 31.0 46.4

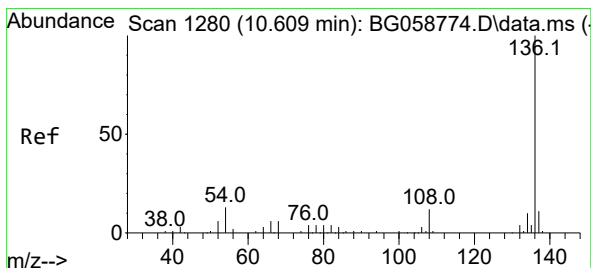
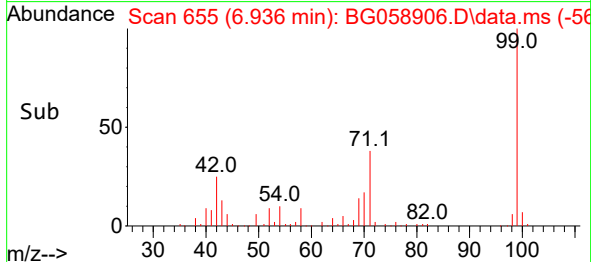
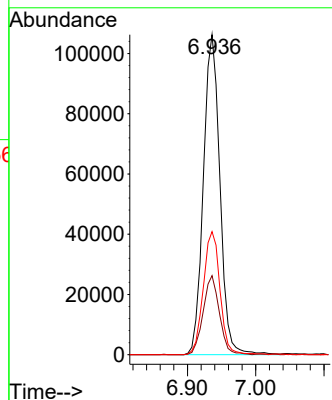
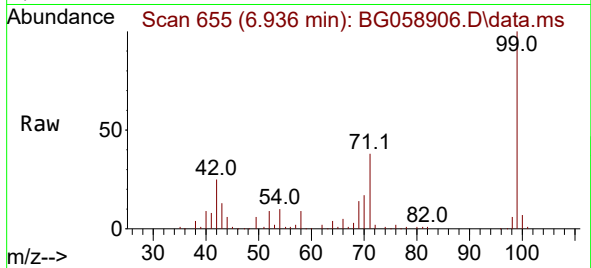




#7
Phenol-d6
Concen: 156.821 ng
RT: 6.936 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

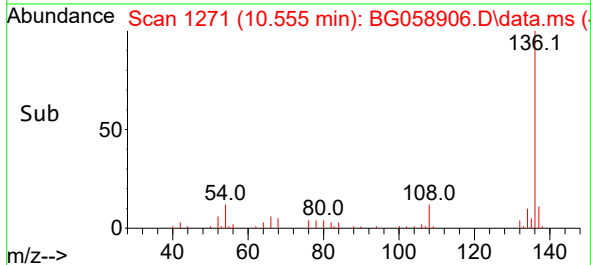
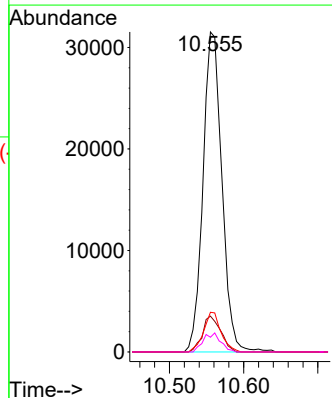
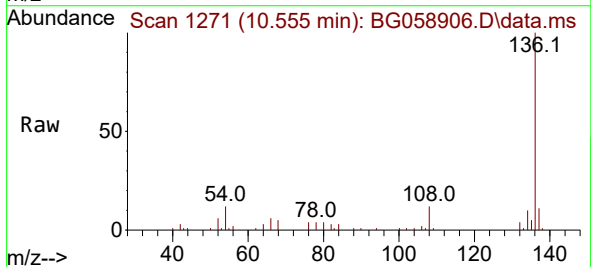
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-20

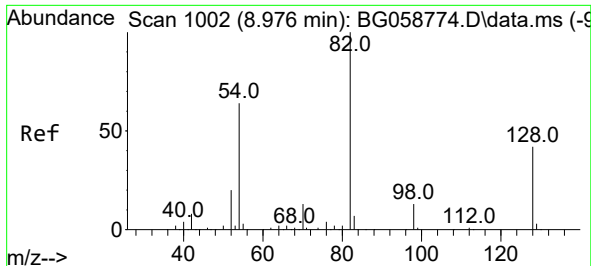
Tgt Ion: 99 Resp: 179025
Ion Ratio Lower Upper
99 100
42 24.7 16.5 24.7
71 38.5 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

Tgt Ion: 136 Resp: 56033
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 12.4 10.1 15.1
68 4.6 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 110.234 ng

RT: 8.922 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG058906.D

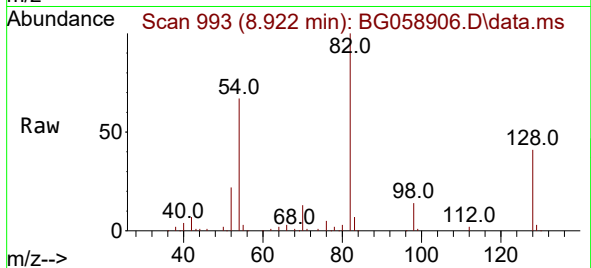
Acq: 30 Aug 2023 22:09

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-20



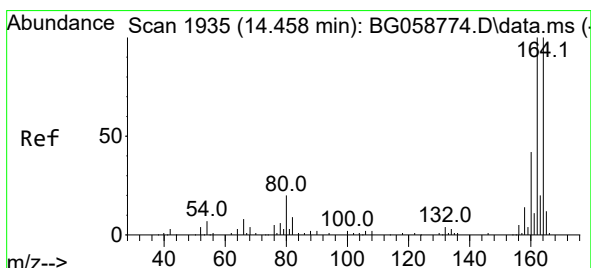
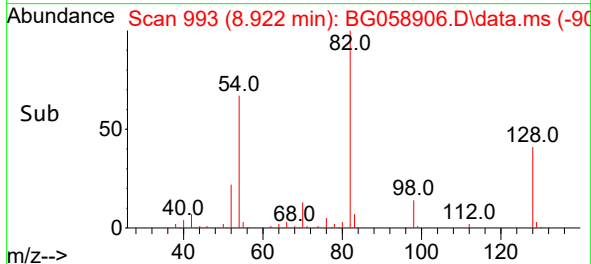
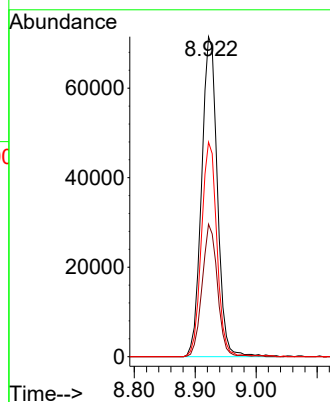
Tgt Ion: 82 Resp: 128474

Ion Ratio Lower Upper

82 100

128 41.4 33.2 49.8

54 67.0 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.409 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BG058906.D

Acq: 30 Aug 2023 22:09

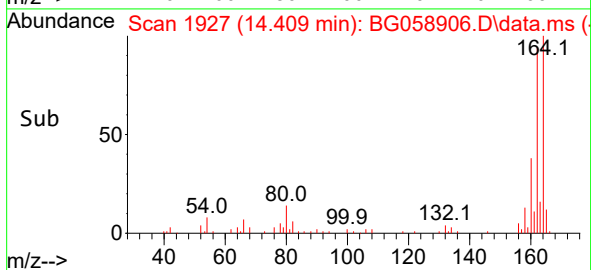
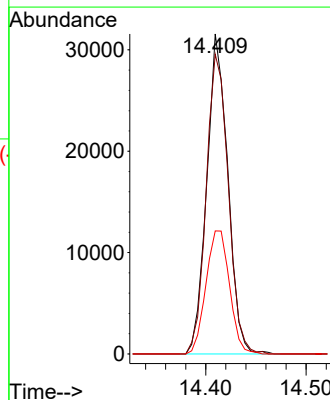
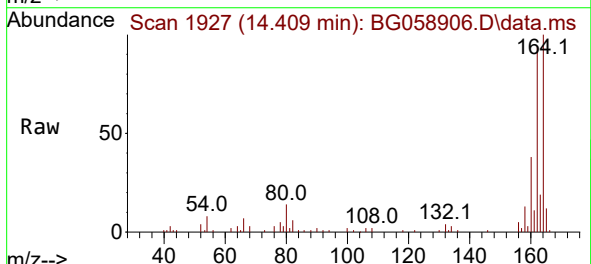
Tgt Ion:164 Resp: 46134

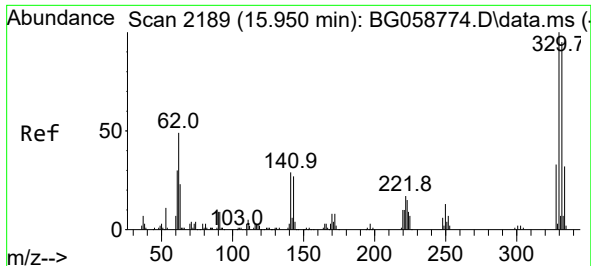
Ion Ratio Lower Upper

164 100

162 93.6 79.6 119.4

160 38.5 34.0 51.0

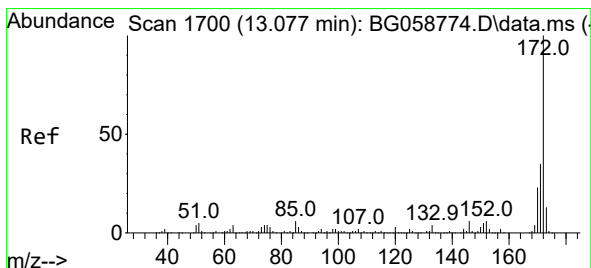
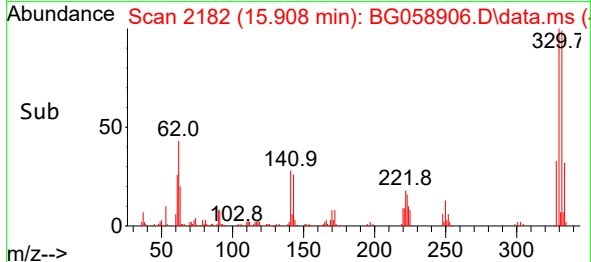
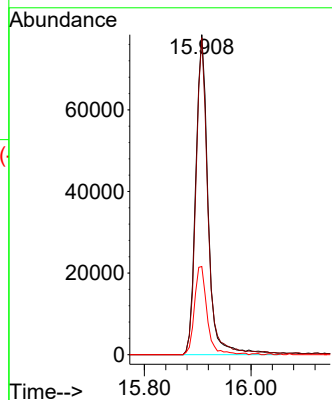
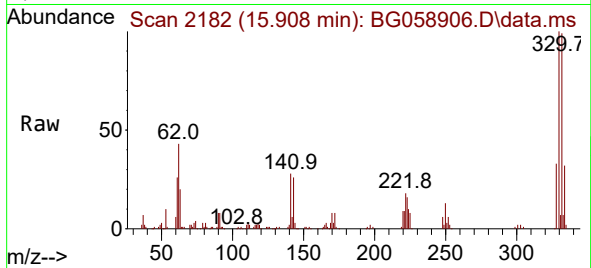




#42
2,4,6-Tribromophenol
Concen: 175.204 ng
RT: 15.908 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

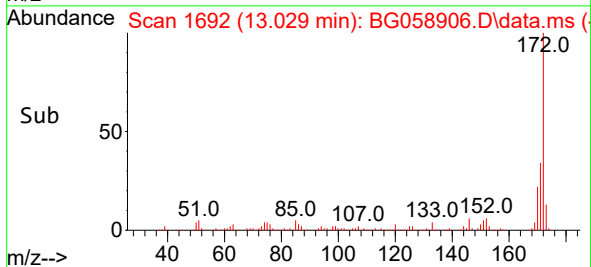
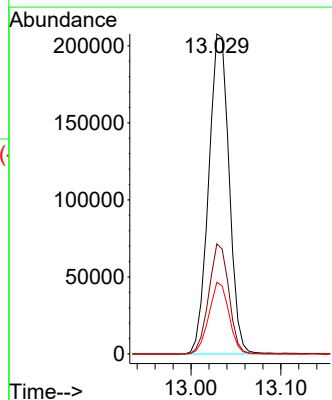
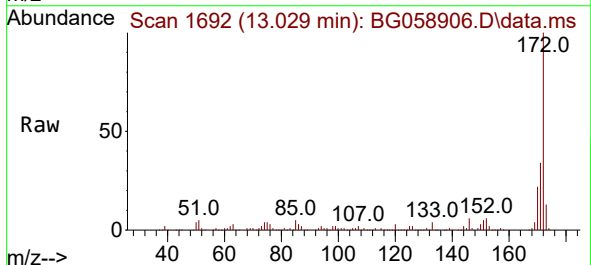
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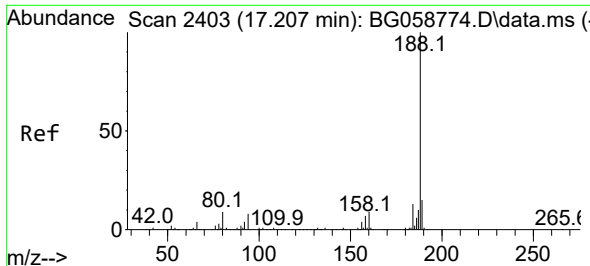
Tgt Ion:330 Resp: 126738
Ion Ratio Lower Upper
330 100
332 96.0 78.5 117.7
141 28.0 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 103.598 ng
RT: 13.029 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

Tgt Ion:172 Resp: 328603
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 22.4 18.6 27.8

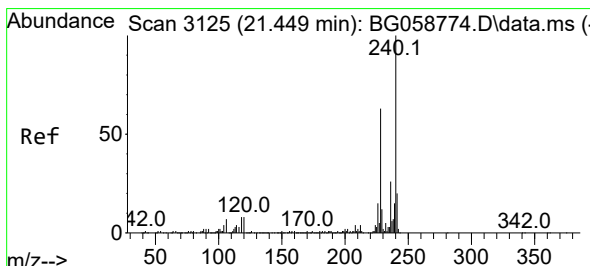
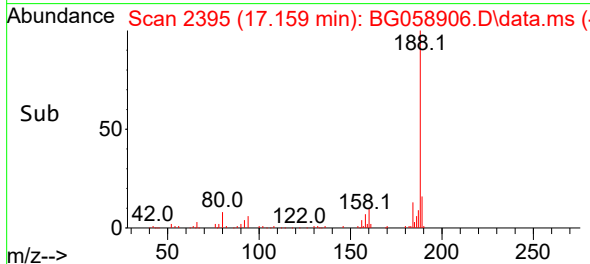
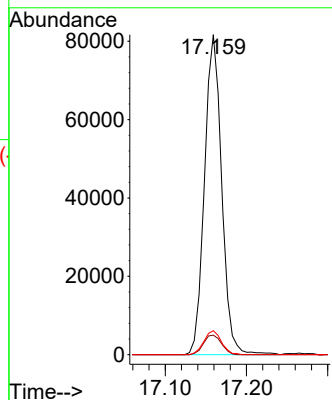
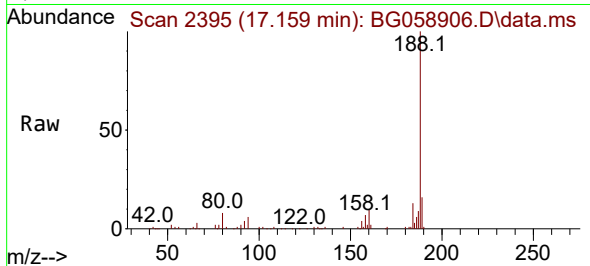




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.159 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

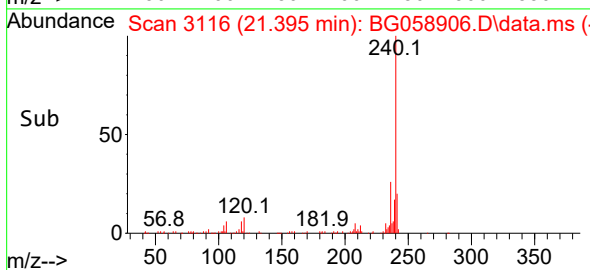
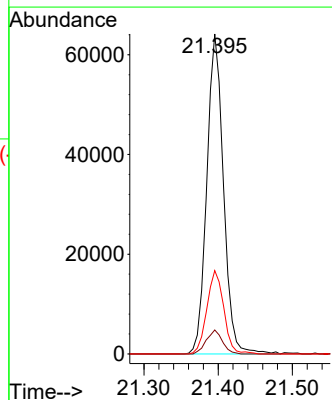
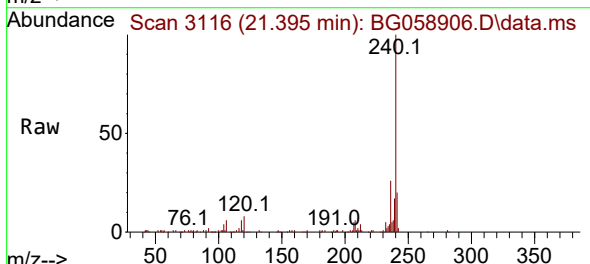
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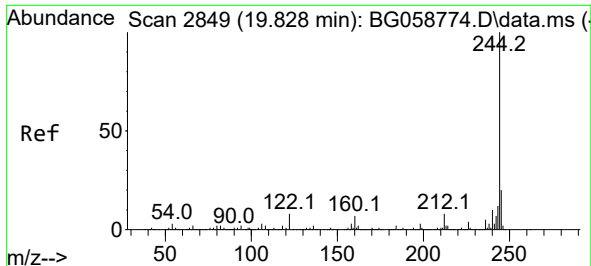
Tgt Ion:188 Resp: 119797
Ion Ratio Lower Upper
188 100
94 6.1 6.1 9.1
80 7.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.395 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

Tgt Ion:240 Resp: 100333
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.2
236 26.1 20.5 30.7

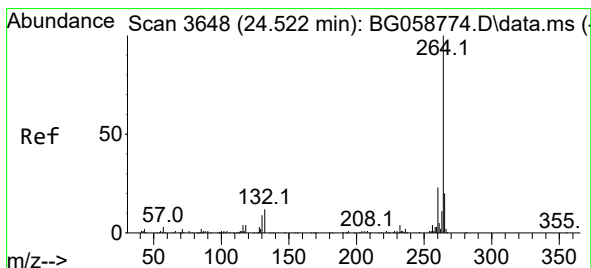
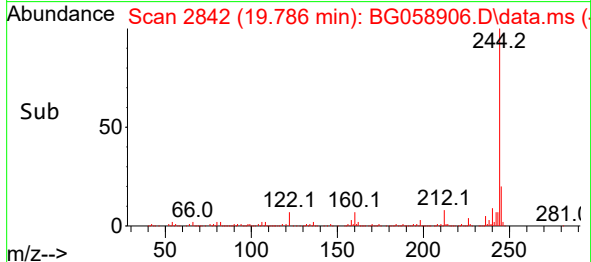
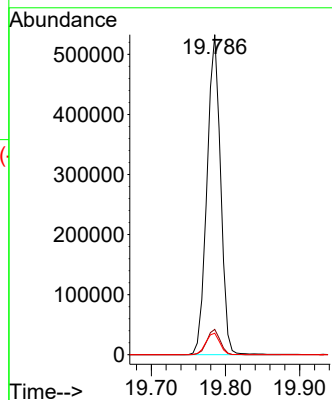
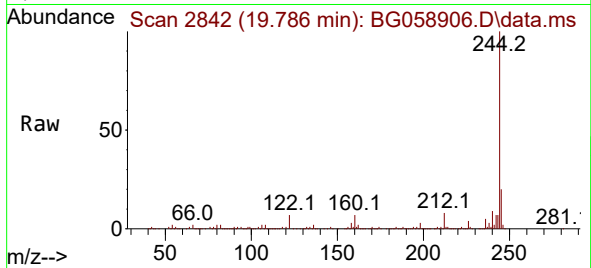




#79
 Terphenyl-d14
 Concen: 121.434 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG058906.D
 Acq: 30 Aug 2023 22:09

Instrument :
 BNA_G
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Tgt Ion:244 Resp: 678540
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 6.7 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.433 min Scan# 3633
 Delta R.T. -0.006 min
 Lab File: BG058906.D
 Acq: 30 Aug 2023 22:09

Tgt Ion:264 Resp: 118014
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.2 27.2
 265 21.6 16.4 24.6

