

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056666.D
 Acq On : 17 Feb 2023 21:54
 Operator : CG/JU
 Sample : 01582-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-BARRIER

Quant Time: Feb 18 00:09:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.431	152	16318	20.000	ng	0.00
21) Naphthalene-d8	11.275	136	62265	20.000	ng	# 0.00
39) Acenaphthene-d10	15.035	164	45082	20.000	ng	0.00
64) Phenanthrene-d10	17.767	188	114884	20.000	ng	0.00
76) Chrysene-d12	22.086	240	120456	20.000	ng	-0.02
86) Perylene-d12	25.623	264	139822	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.940	112	61033	60.856	ng	0.00
7) Phenol-d6	7.550	99	101616	68.592	ng	0.00
23) Nitrobenzene-d5	9.606	82	68694	56.488	ng	0.00
42) 2,4,6-Tribromophenol	16.510	330	31001	50.226	ng	0.00
45) 2-Fluorobiphenyl	13.666	172	199172	59.160	ng	0.00
79) Terphenyl-d14	20.335	244	426335	57.908	ng	-0.02

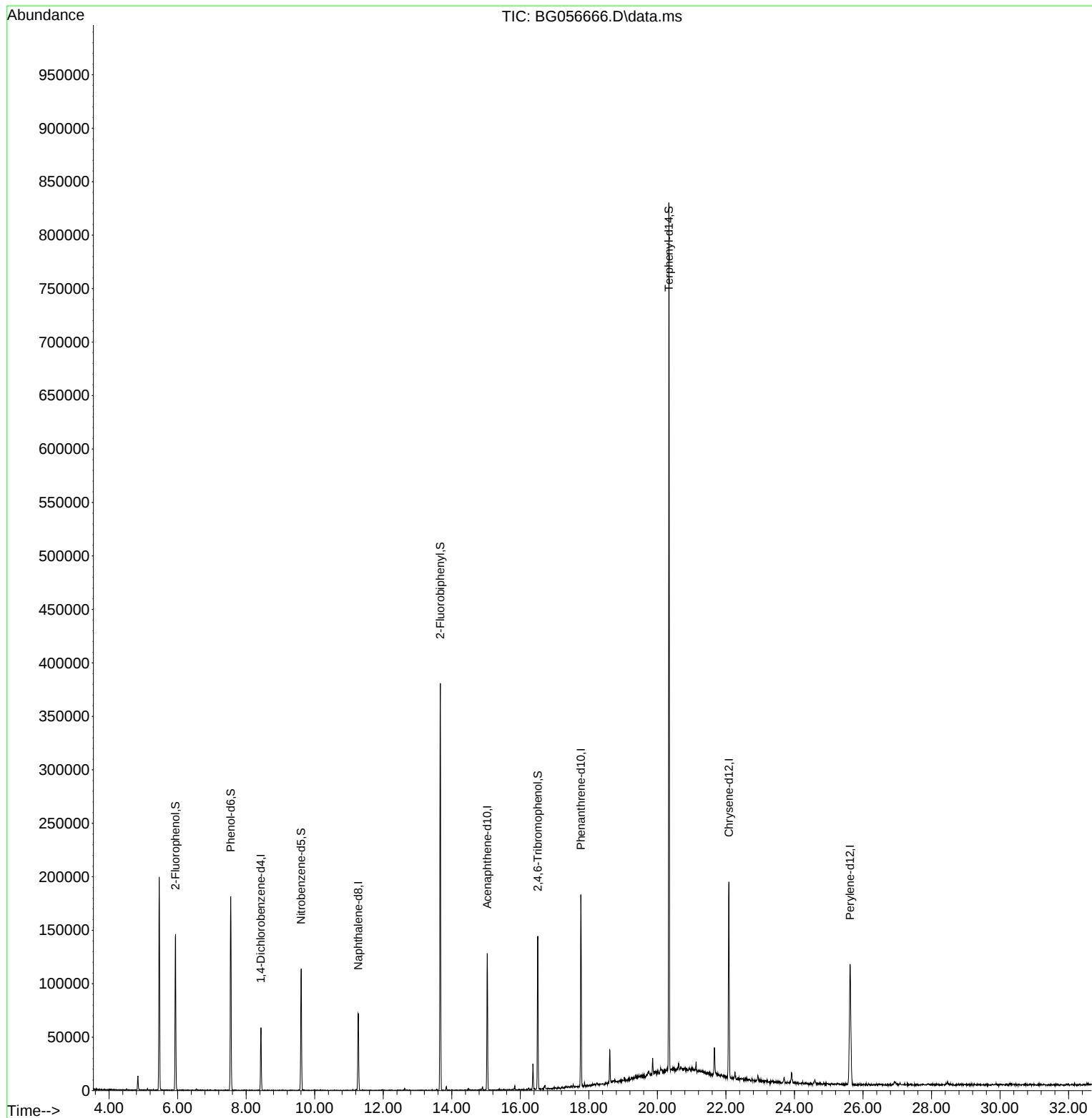
Target Compounds	Qvalue

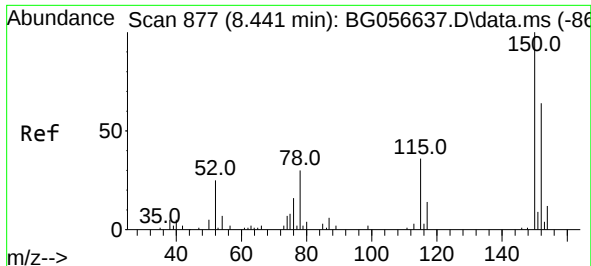
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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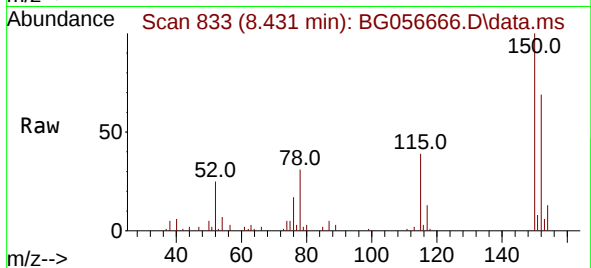
Quant Time: Feb 18 00:09:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
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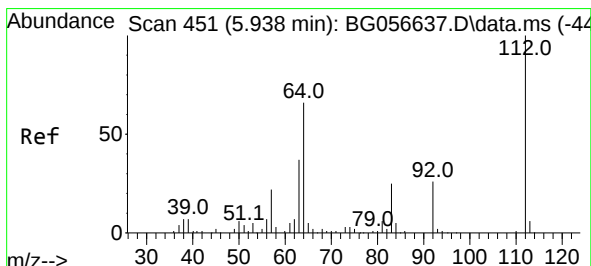
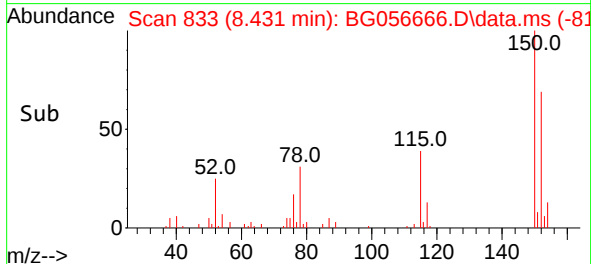
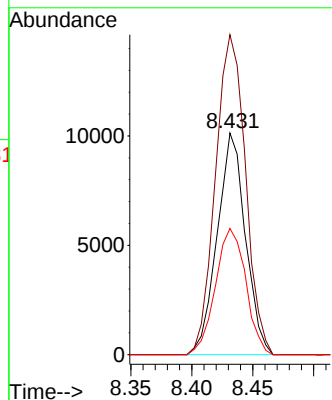


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.431 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG056666.D
Acq: 17 Feb 2023 21:54

Instrument :
BNA_G
ClientSampleId :
LEONIA-BARRIER

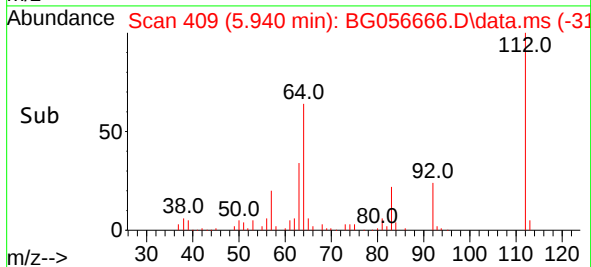
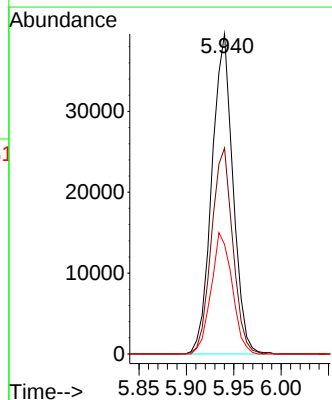
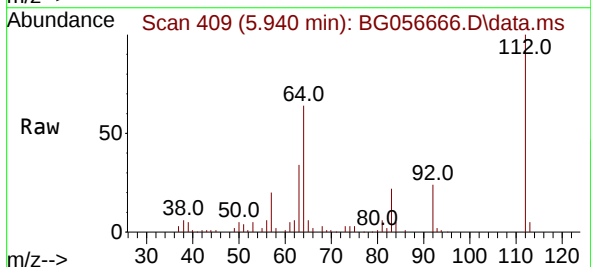


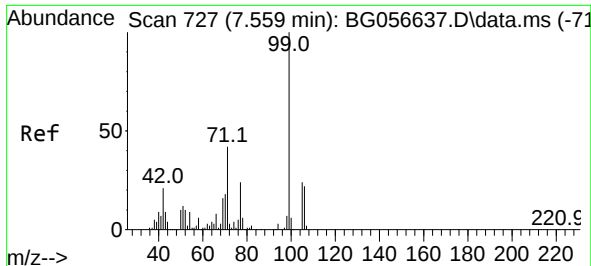
Tgt Ion:152 Resp: 16318
Ion Ratio Lower Upper
152 100
150 144.4 124.8 187.2
115 57.0 44.7 67.1



#5
2-Fluorophenol
Concen: 60.856 ng
RT: 5.940 min Scan# 409
Delta R.T. 0.002 min
Lab File: BG056666.D
Acq: 17 Feb 2023 21:54

Tgt Ion:112 Resp: 61033
Ion Ratio Lower Upper
112 100
64 64.4 52.6 78.8
63 34.3 29.8 44.6

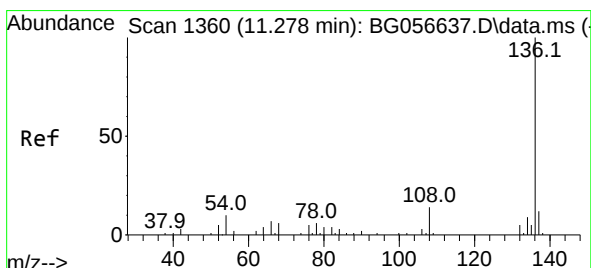
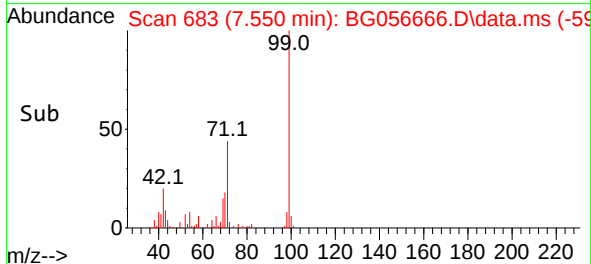
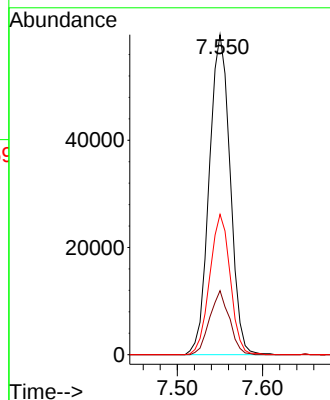
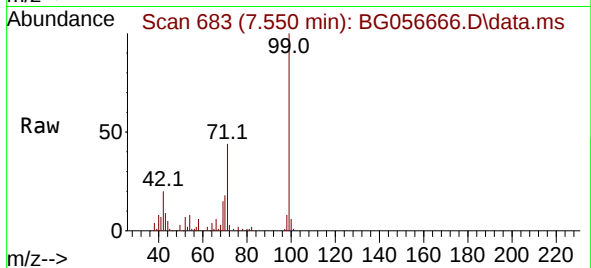




#7
Phenol-d6
Concen: 68.592 ng
RT: 7.550 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG056666.D
Acq: 17 Feb 2023 21:54

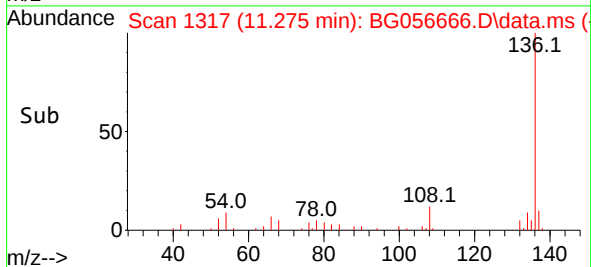
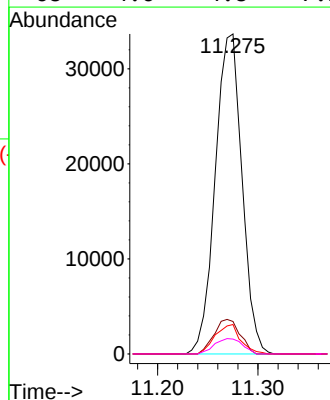
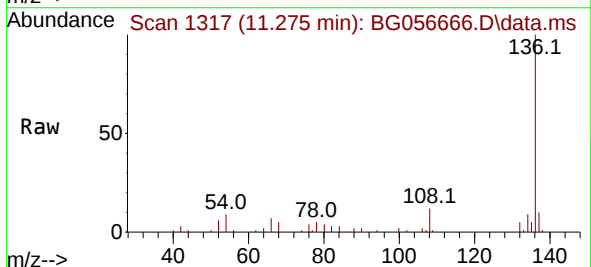
Instrument :
BNA_G
ClientSampleId :
LEONIA-BARRIER

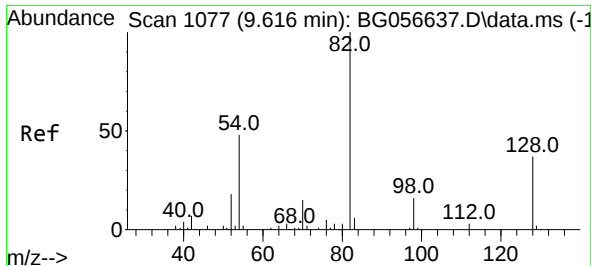
Tgt Ion: 99 Resp: 101616
Ion Ratio Lower Upper
99 100
42 20.0 16.8 25.2
71 43.8 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.275 min Scan# 1317
Delta R.T. -0.003 min
Lab File: BG056666.D
Acq: 17 Feb 2023 21:54

Tgt Ion: 136 Resp: 62265
Ion Ratio Lower Upper
136 100
137 10.2 9.7 14.5
54 9.2 7.7 11.5
68 4.6 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 56.488 ng

RT: 9.606 min Scan# 1077

Delta R.T. -0.010 min

Lab File: BG056666.D

Acq: 17 Feb 2023 21:54

Instrument :

BNA_G

ClientSampleId :

LEONIA-BARRIER

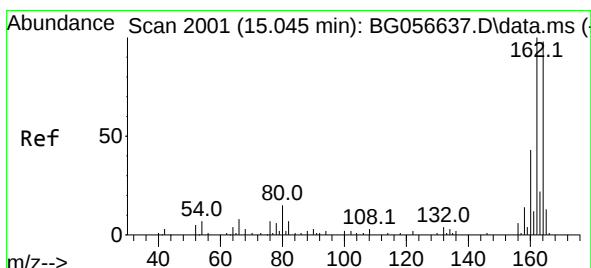
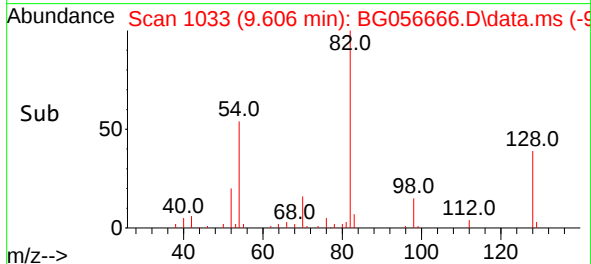
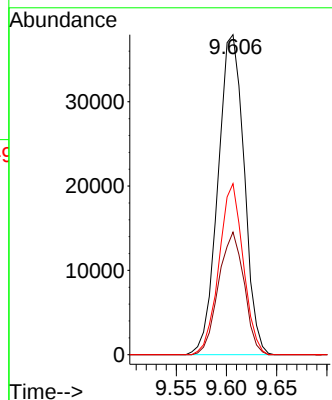
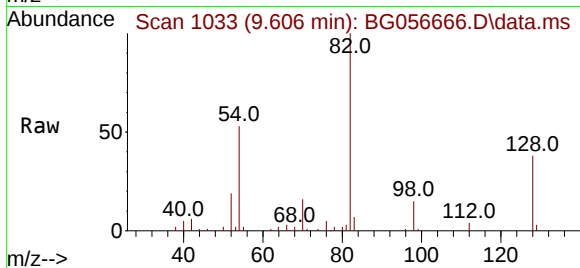
Tgt Ion: 82 Resp: 68694

Ion Ratio Lower Upper

82 100

128 38.3 29.4 44.2

54 53.4 37.8 56.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.035 min Scan# 1957

Delta R.T. -0.009 min

Lab File: BG056666.D

Acq: 17 Feb 2023 21:54

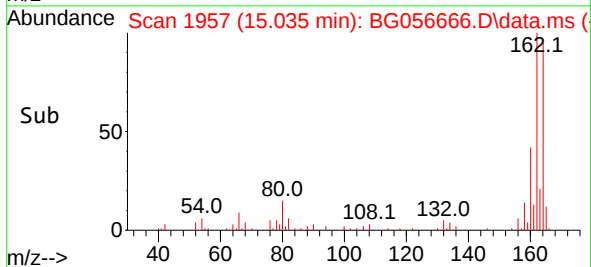
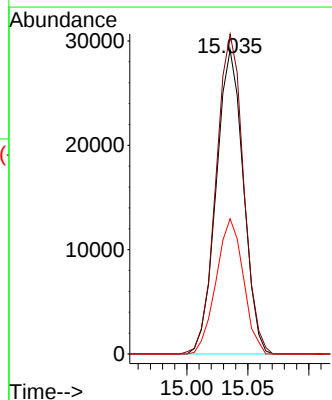
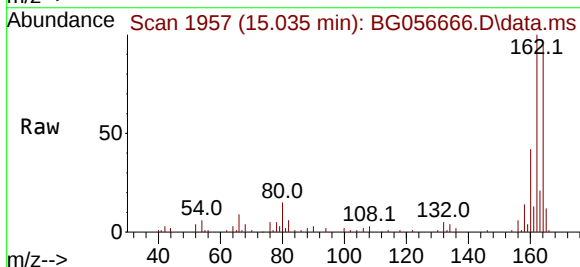
Tgt Ion:164 Resp: 45082

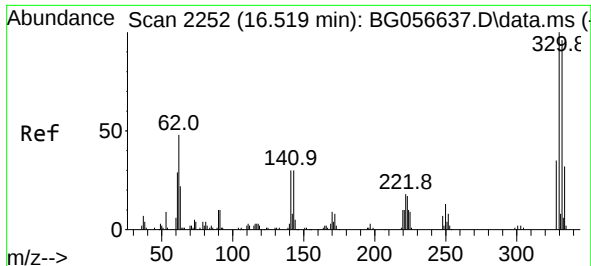
Ion Ratio Lower Upper

164 100

162 105.3 81.3 121.9

160 44.5 35.2 52.8

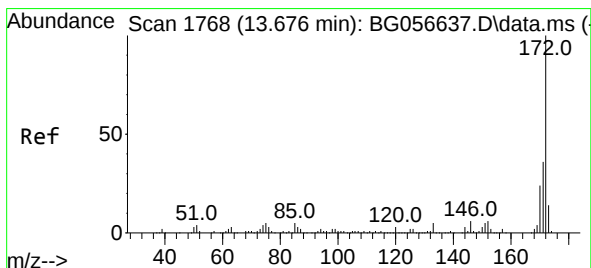
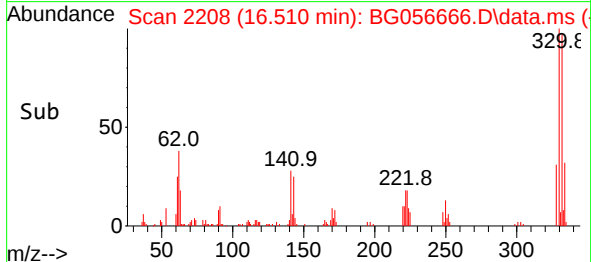
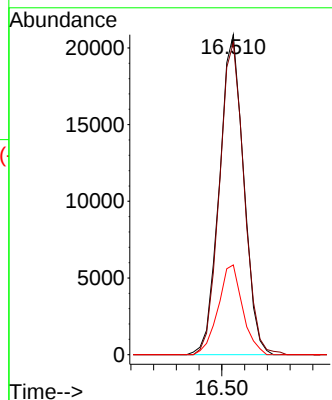
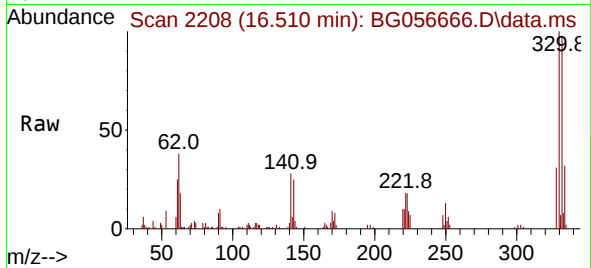




#42
2,4,6-Tribromophenol
Concen: 50.226 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG056666.D
Acq: 17 Feb 2023 21:54

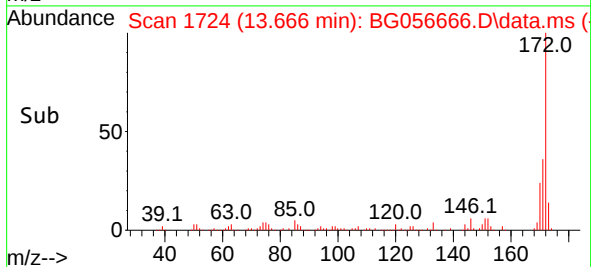
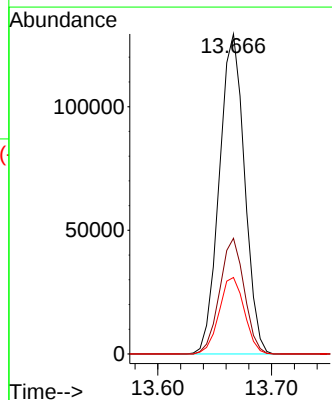
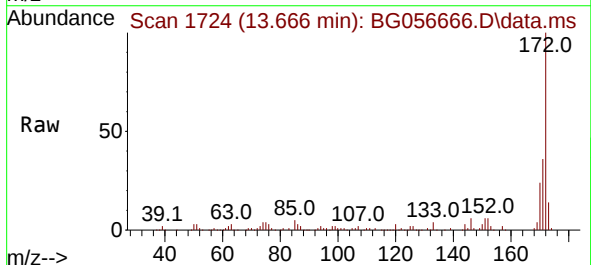
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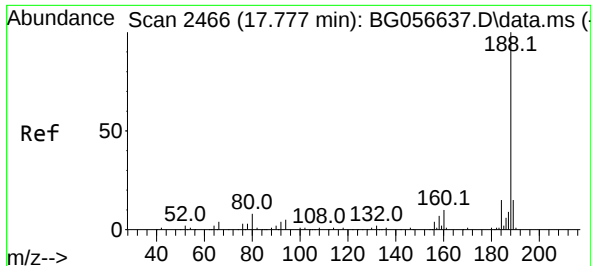
Tgt Ion:330 Resp: 31001
Ion Ratio Lower Upper
330 100
332 98.4 75.7 113.5
141 28.2 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 59.160 ng
RT: 13.666 min Scan# 1724
Delta R.T. -0.009 min
Lab File: BG056666.D
Acq: 17 Feb 2023 21:54

Tgt Ion:172 Resp: 199172
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.9 19.4 29.0

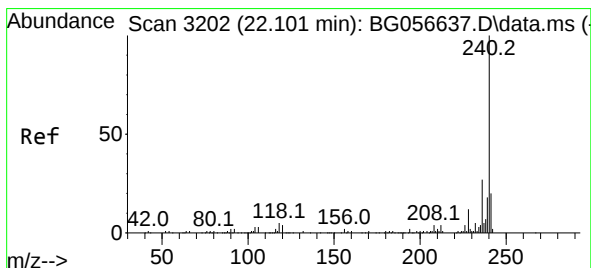
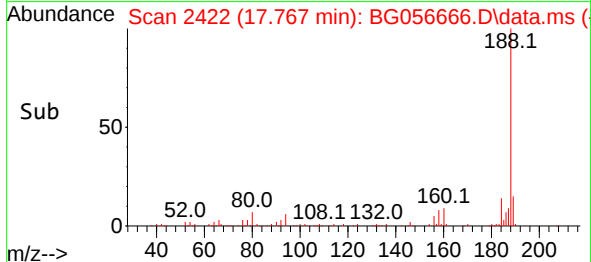
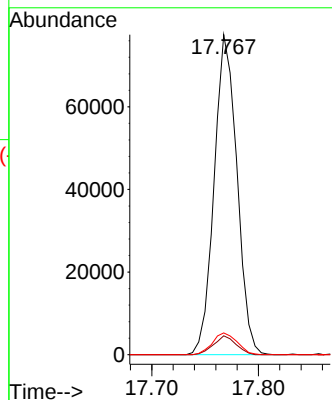
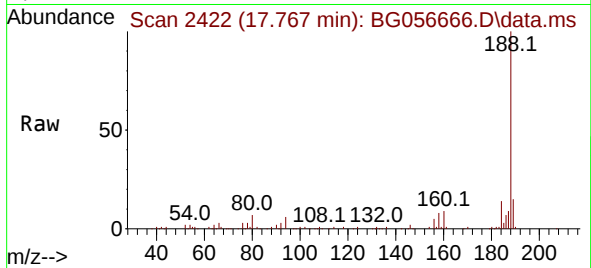




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.767 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BG056666.D
Acq: 17 Feb 2023 21:54

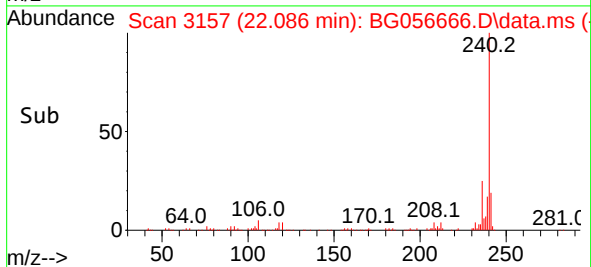
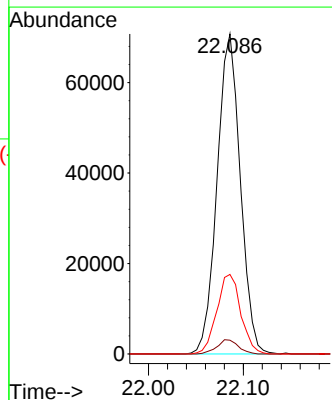
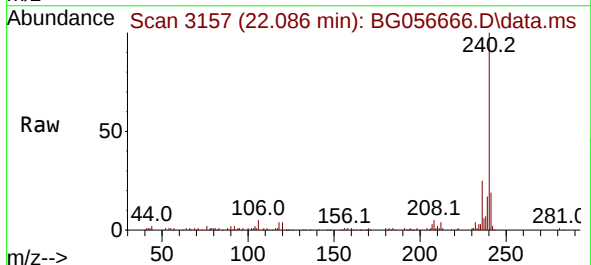
Instrument :
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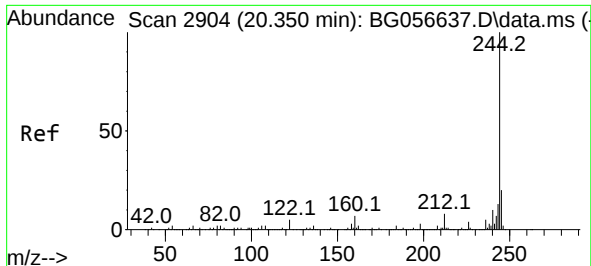
Tgt Ion:188 Resp: 114884
Ion Ratio Lower Upper
188 100
94 5.9 4.0 6.0
80 6.8 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.086 min Scan# 3157
Delta R.T. -0.015 min
Lab File: BG056666.D
Acq: 17 Feb 2023 21:54

Tgt Ion:240 Resp: 120456
Ion Ratio Lower Upper
240 100
120 4.3 3.5 5.3
236 24.9 21.5 32.3

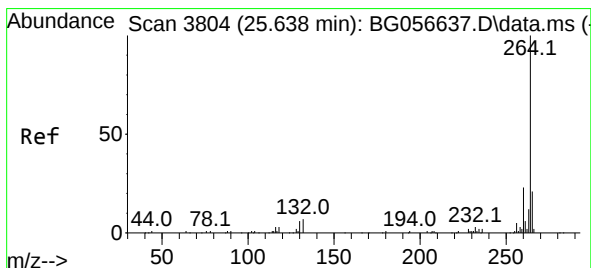
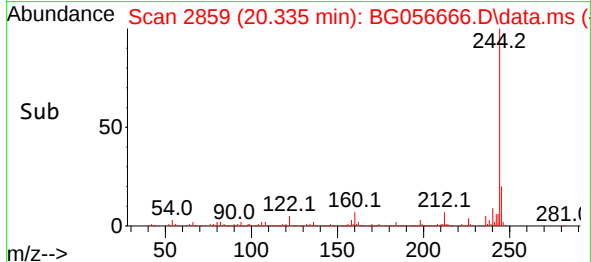
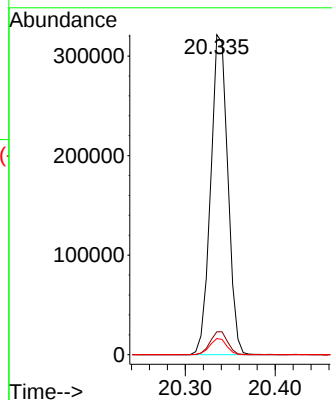
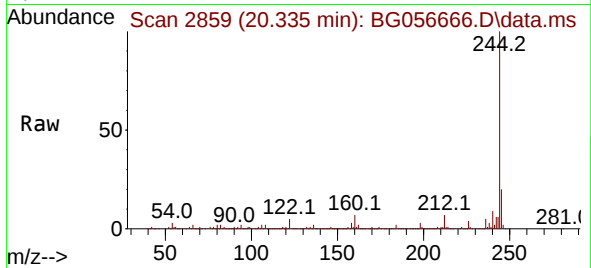




#79
 Terphenyl-d14
 Concen: 57.908 ng
 RT: 20.335 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG056666.D
 Acq: 17 Feb 2023 21:54

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 426335
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 5.1 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.623 min Scan# 3759
 Delta R.T. -0.015 min
 Lab File: BG056666.D
 Acq: 17 Feb 2023 21:54

Tgt Ion:264 Resp: 139822
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 20.6 17.0 25.4

