

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060390.D
 Acq On : 22 Jan 2024 18:27
 Operator : MA/JU
 Sample : P1207-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EC68-NORTH

Quant Time: Jan 23 00:38:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	192836	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	851739	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	666057	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	1664062	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1497906	20.000	ng	0.00
86) Perylene-d12	24.741	264	1723108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1415628	120.745	ng	0.00
7) Phenol-d6	7.091	99	2083602	120.019	ng	0.00
23) Nitrobenzene-d5	9.089	82	1302741	72.223	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1253765	127.940	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	3495790	72.971	ng	0.00
79) Terphenyl-d14	19.935	244	5300897	92.078	ng	0.00

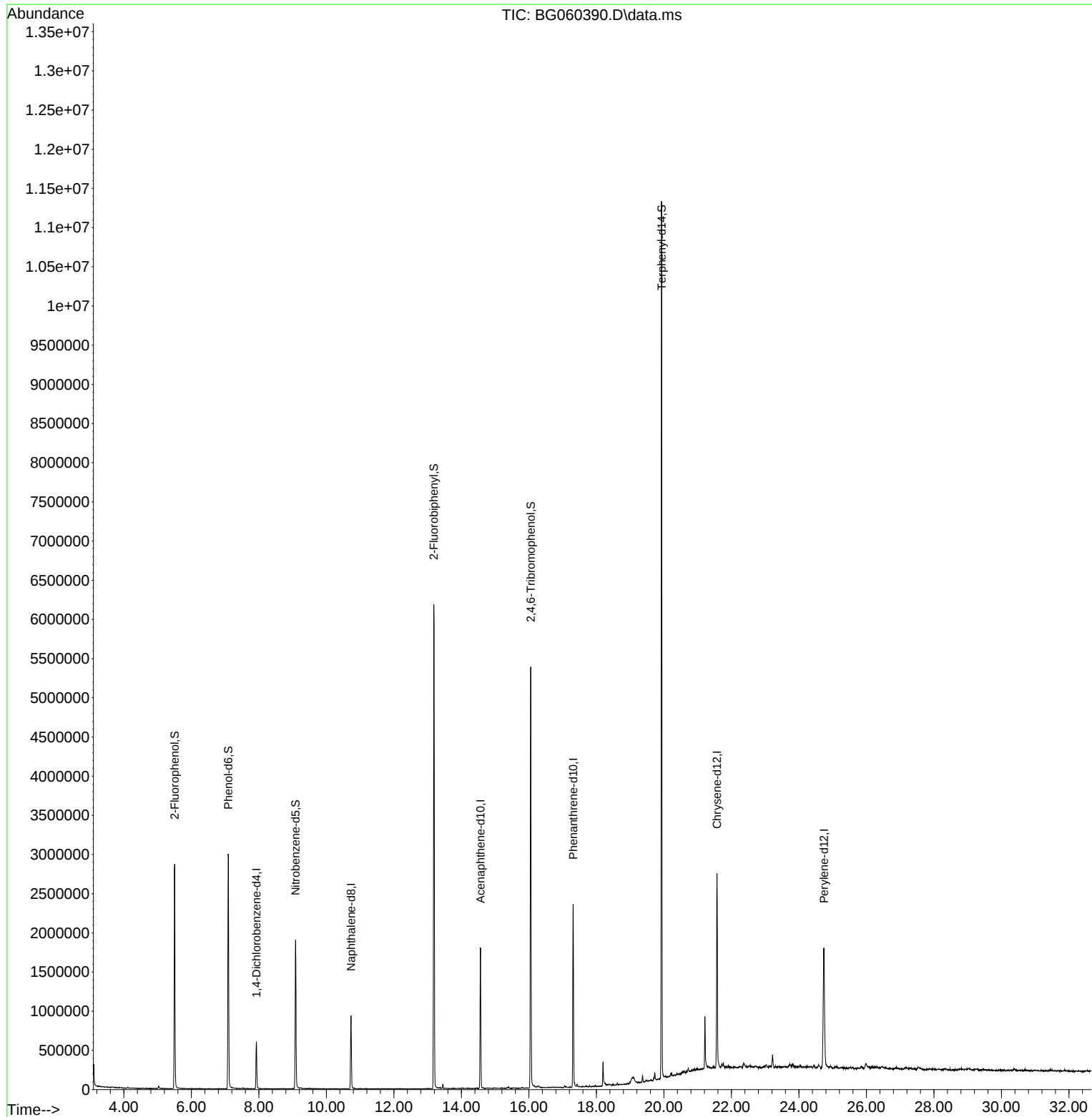
Target Compounds	Qvalue

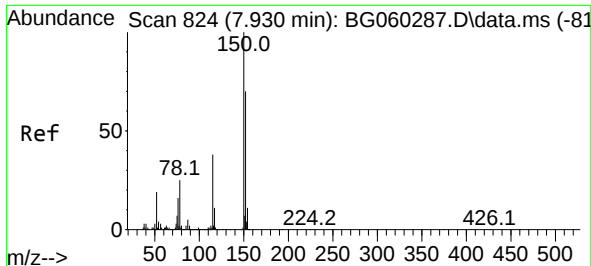
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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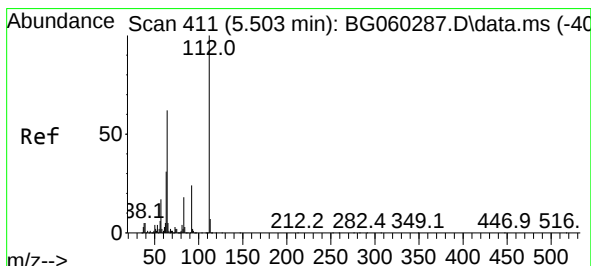
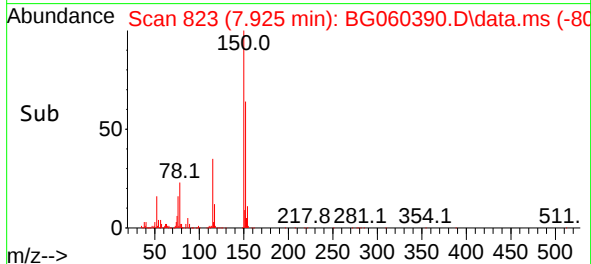
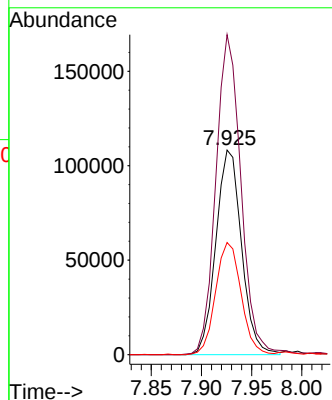
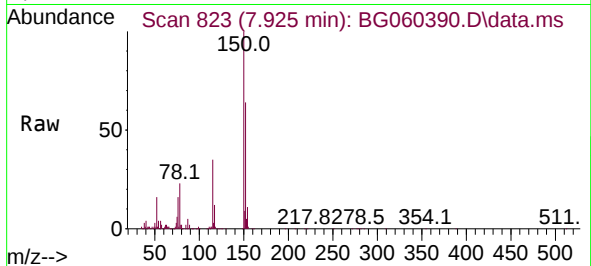




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

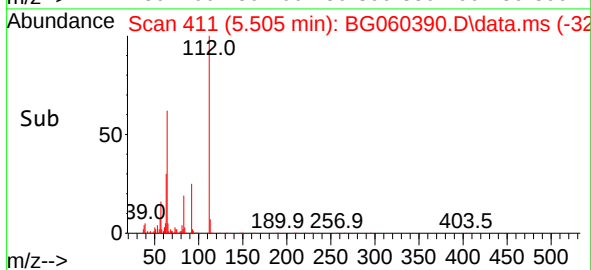
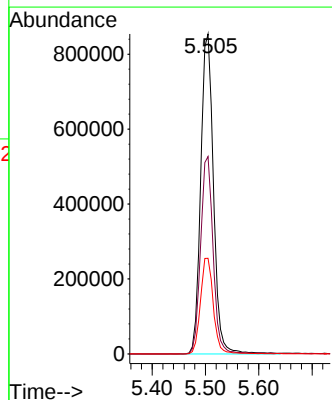
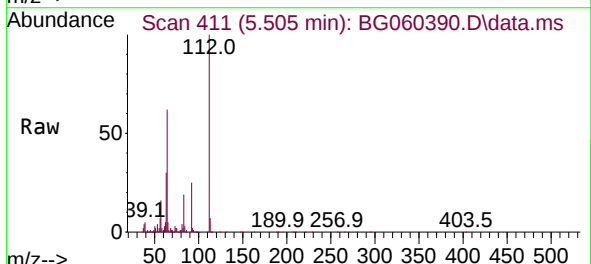
Instrument :
BNA_G
ClientSampleId :
EC68-NORTH

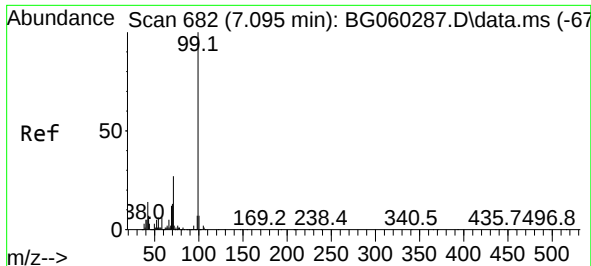
Tgt Ion:152 Resp: 192836
Ion Ratio Lower Upper
152 100
150 156.4 114.5 171.7
115 54.8 43.0 64.6



#5
2-Fluorophenol
Concen: 120.745 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

Tgt Ion:112 Resp: 1415628
Ion Ratio Lower Upper
112 100
64 61.7 49.8 74.6
63 29.9 24.4 36.6



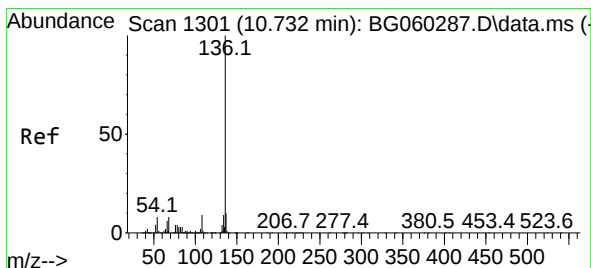
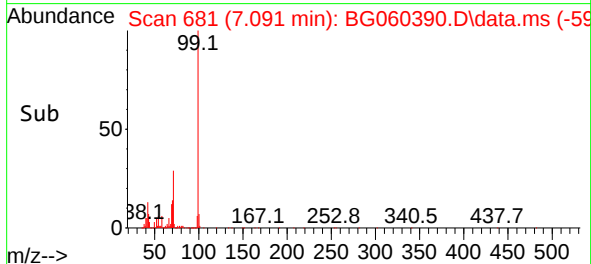
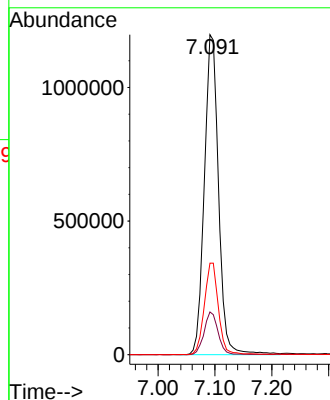
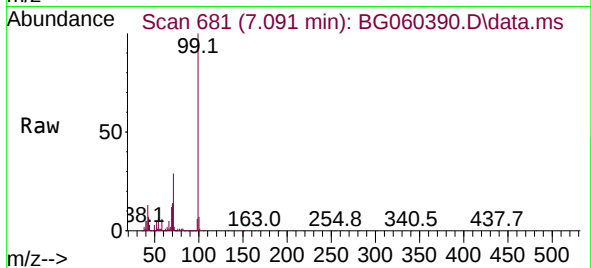


#7
Phenol-d6
Concen: 120.019 ng
RT: 7.091 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

Instrument :
BNA_G
ClientSampleId :
EC68-NORTH

Tgt Ion: 99 Resp: 2083602

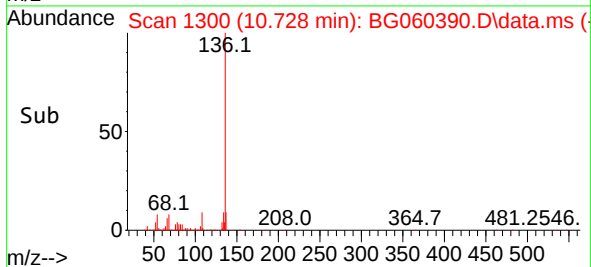
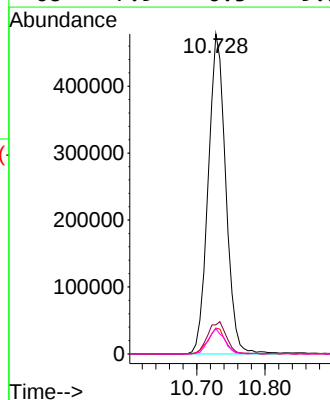
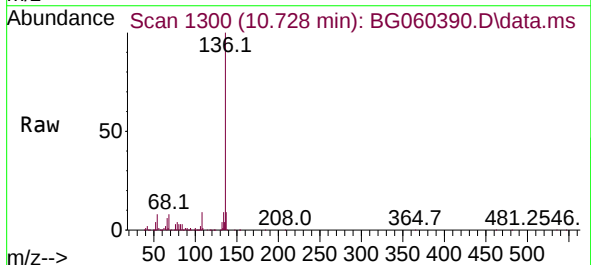
Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.9	16.3
71	28.6	21.5	32.3

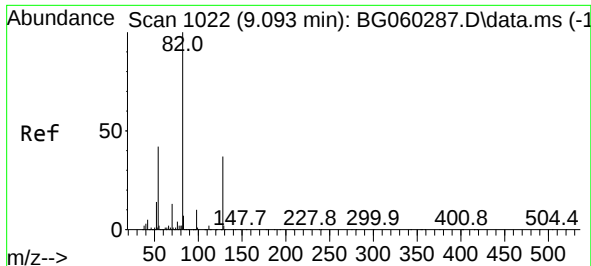


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1300
Delta R.T. -0.004 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

Tgt Ion: 136 Resp: 851739

Ion	Ratio	Lower	Upper
136	100		
137	9.1	8.2	12.4
54	8.1	6.2	9.2
68	7.9	6.3	9.5





#23

Nitrobenzene-d5

Concen: 72.223 ng

RT: 9.089 min Scan# 1022

Delta R.T. -0.004 min

Lab File: BG060390.D

Acq: 22 Jan 2024 18:27

Instrument :

BNA_G

ClientSampleId :

EC68-NORTH

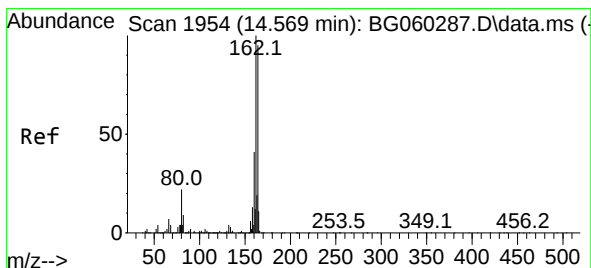
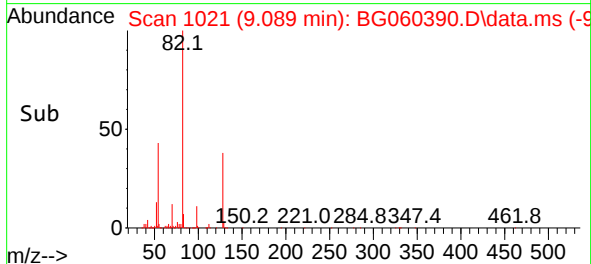
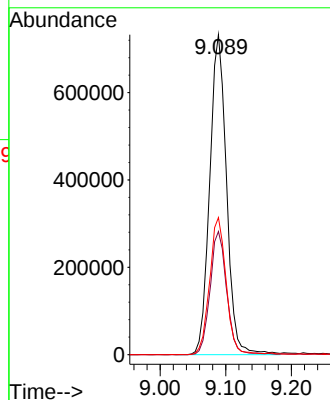
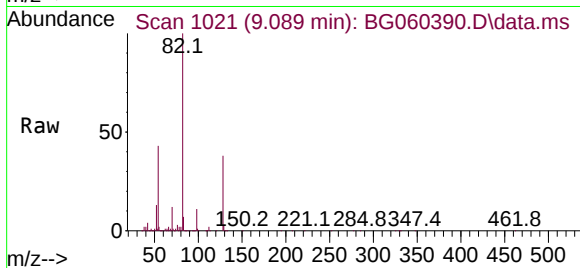
Tgt Ion: 82 Resp: 1302741

Ion Ratio Lower Upper

82 100

128 38.5 29.6 44.4

54 42.8 33.6 50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.565 min Scan# 1953

Delta R.T. -0.004 min

Lab File: BG060390.D

Acq: 22 Jan 2024 18:27

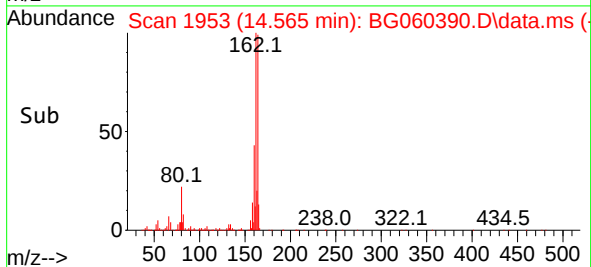
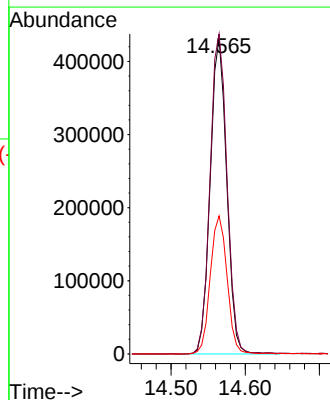
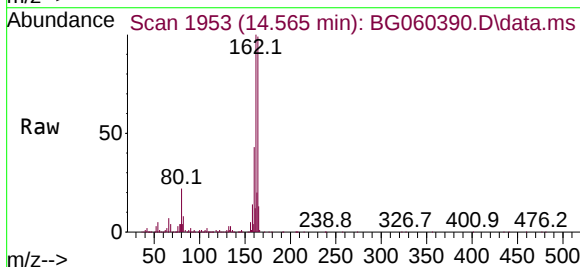
Tgt Ion:164 Resp: 666057

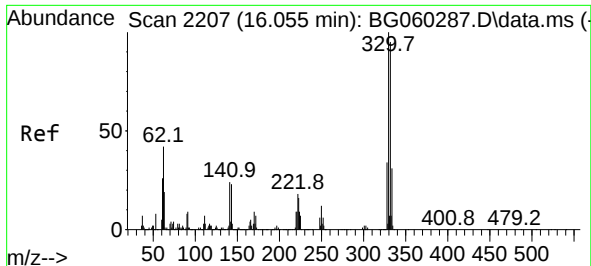
Ion Ratio Lower Upper

164 100

162 101.4 84.4 126.6

160 43.8 34.6 52.0

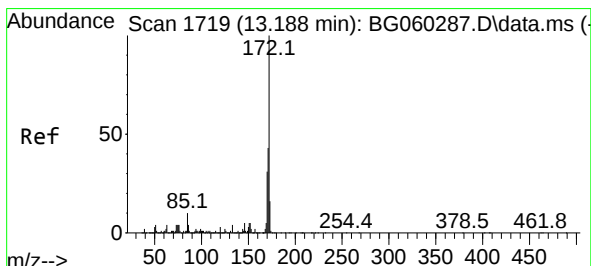
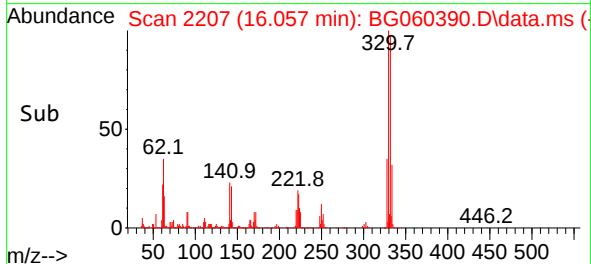
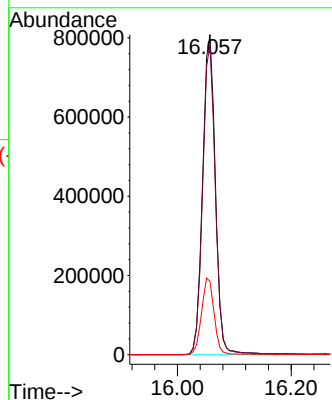
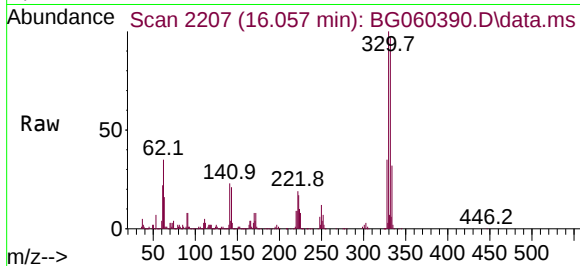




#42
2,4,6-Tribromophenol
Concen: 127.940 ng
RT: 16.057 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

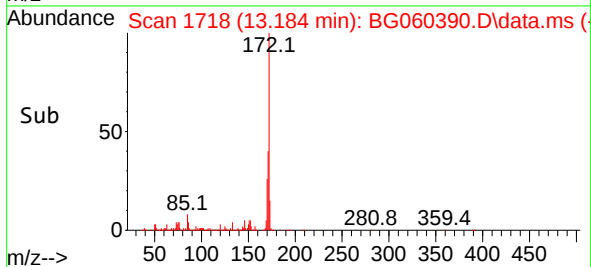
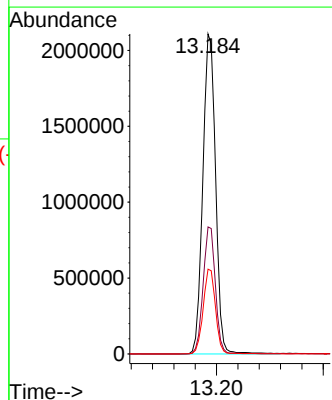
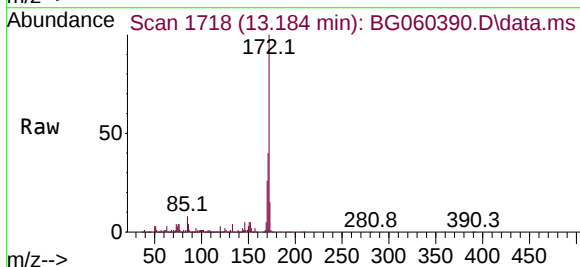
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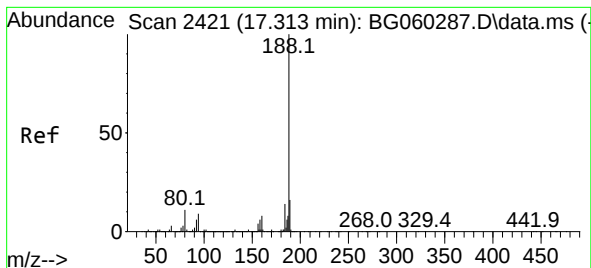
Tgt Ion:330 Resp: 1253765
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 23.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 72.971 ng
RT: 13.184 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060390.D
Acq: 22 Jan 2024 18:27

Tgt Ion:172 Resp: 3495790
Ion Ratio Lower Upper
172 100
171 39.7 34.6 51.8
170 26.5 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.314 min Scan# 2421

Delta R.T. 0.002 min

Lab File: BG060390.D

Acq: 22 Jan 2024 18:27

Instrument :

BNA_G

ClientSampleId :

EC68-NORTH

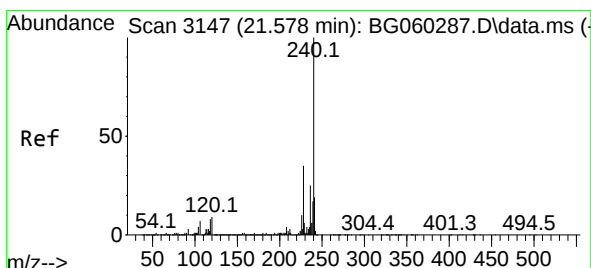
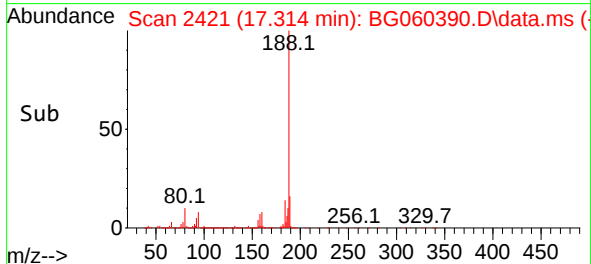
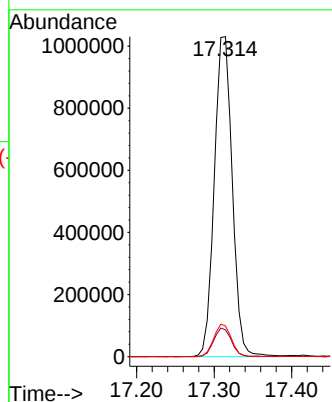
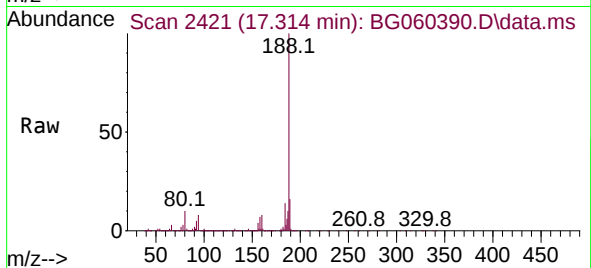
Tgt Ion:188 Resp: 1664062

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

80 9.6 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BG060390.D

Acq: 22 Jan 2024 18:27

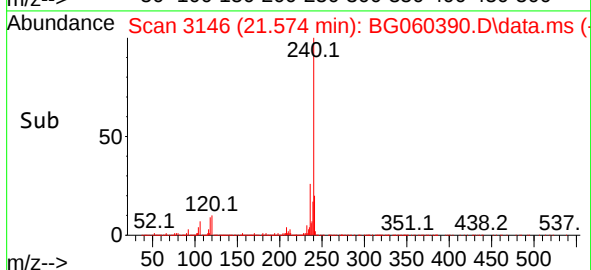
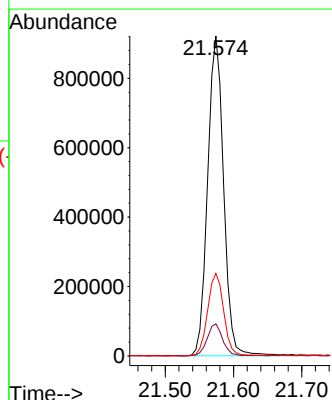
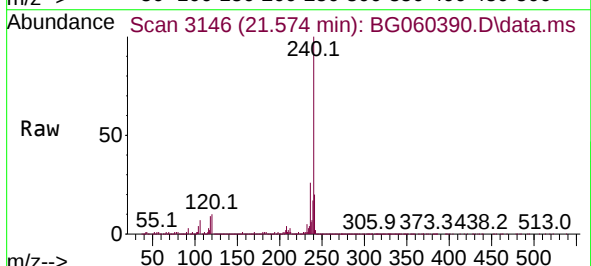
Tgt Ion:240 Resp: 1497906

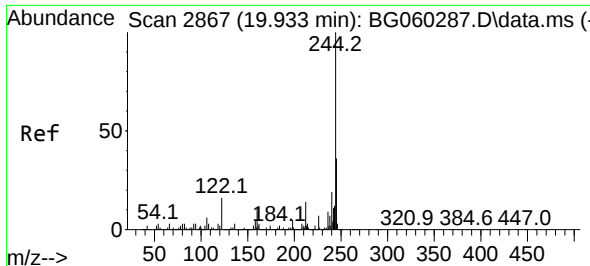
Ion Ratio Lower Upper

240 100

120 10.0 7.3 10.9

236 25.8 20.3 30.5

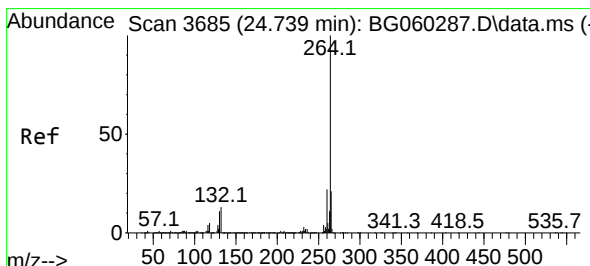
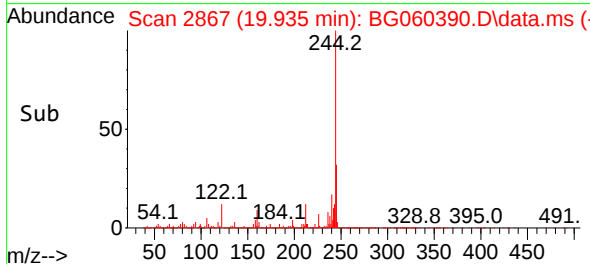
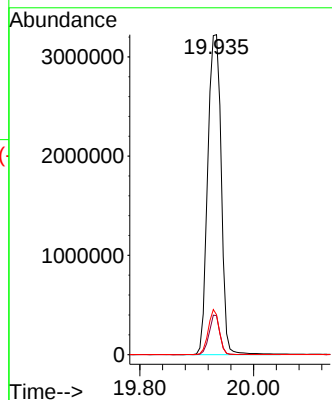
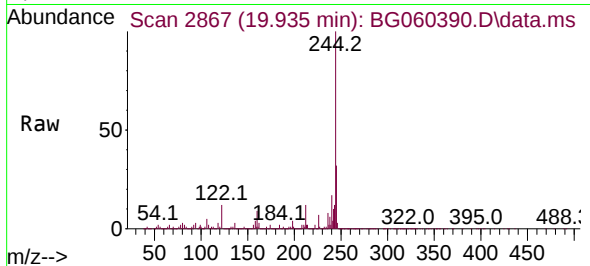




#79
 Terphenyl-d14
 Concen: 92.078 ng
 RT: 19.935 min Scan# 2867
 Delta R.T. 0.002 min
 Lab File: BG060390.D
 Acq: 22 Jan 2024 18:27

Instrument :
 BNA_G
 ClientSampleId :
 EC68-NORTH

Tgt Ion:244 Resp: 5300897
 Ion Ratio Lower Upper
 244 100
 212 12.2 10.9 16.3
 122 12.5 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.741 min Scan# 3685
 Delta R.T. 0.002 min
 Lab File: BG060390.D
 Acq: 22 Jan 2024 18:27

Tgt Ion:264 Resp: 1723108
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.8 26.6
 265 22.1 16.8 25.2

