

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060542.D
 Acq On : 1 Feb 2024 21:01
 Operator : MA/JU
 Sample : P1311-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Feb 02 00:42:46 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	7.921	152	115694	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	439437	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	347184	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1011371	20.000	ng	# 0.00
76) Chrysene-d12	21.569	240	1041779	20.000	ng	0.00
86) Perylene-d12	24.736	264	1154876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	879159	124.987	ng	0.00
7) Phenol-d6	7.086	99	1163169	111.675	ng	0.00
23) Nitrobenzene-d5	9.084	82	846528	90.964	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	850119	166.426	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	2231338	89.355	ng	0.00
79) Terphenyl-d14	19.930	244	4458903	138.232	ng	0.00

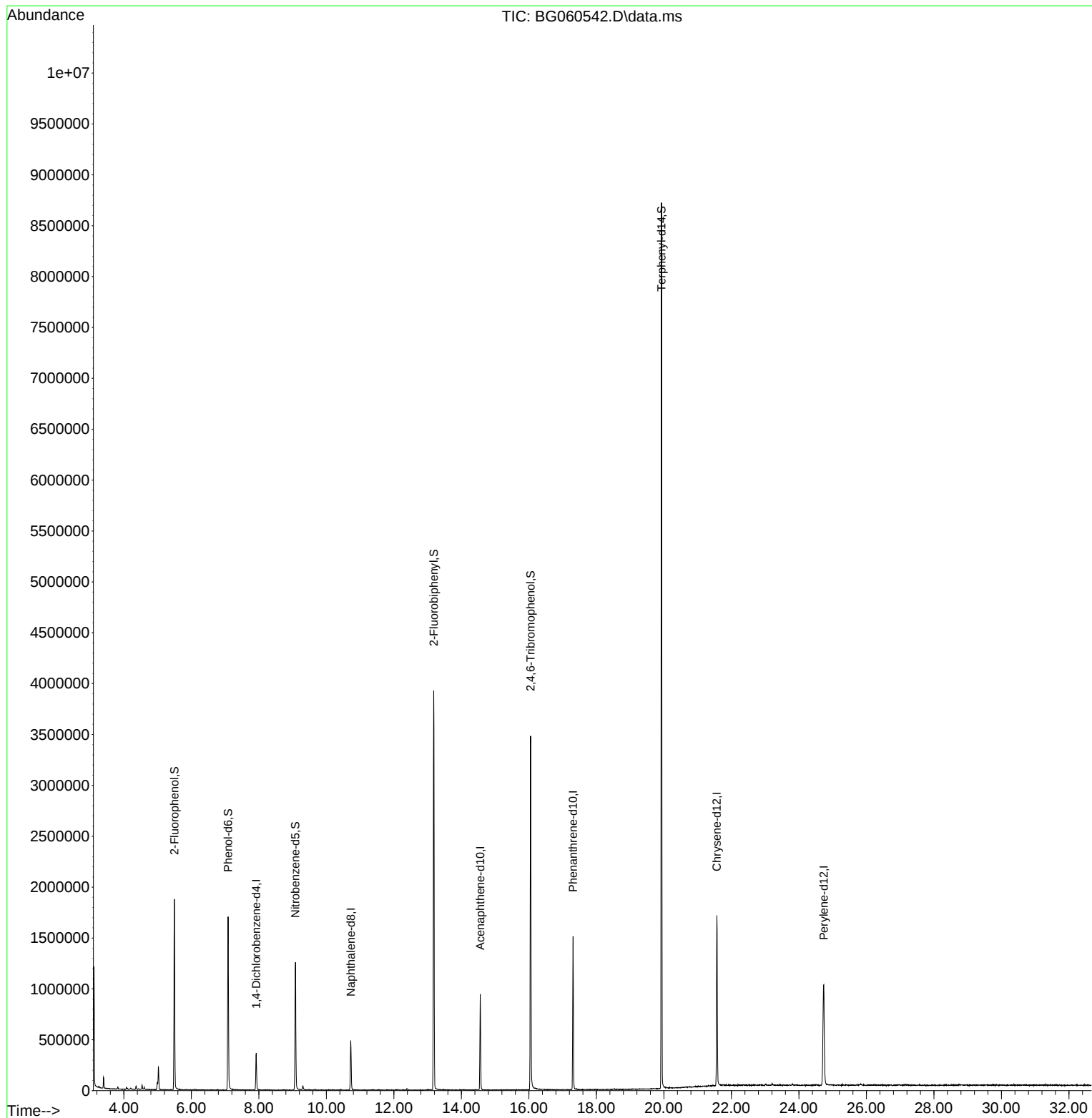
Target Compounds	Qvalue

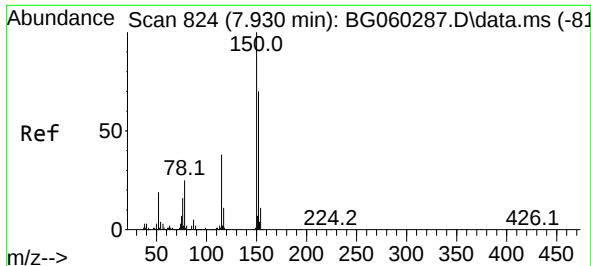
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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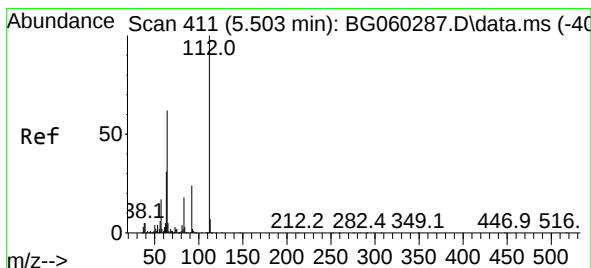
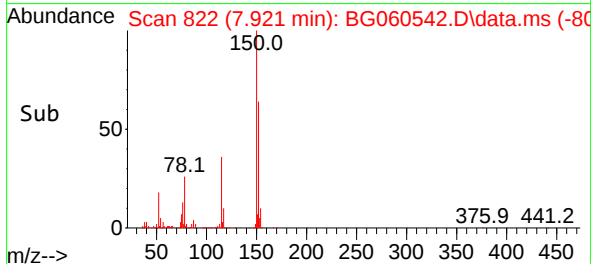
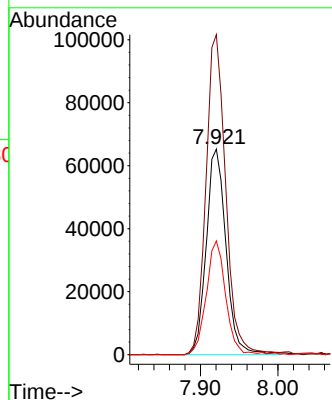
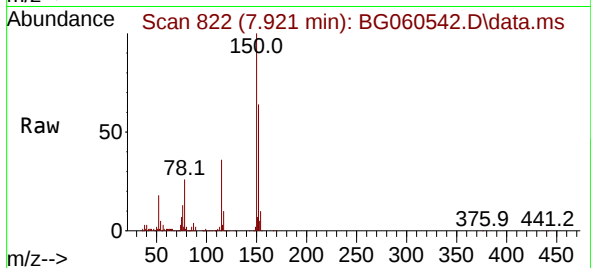




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

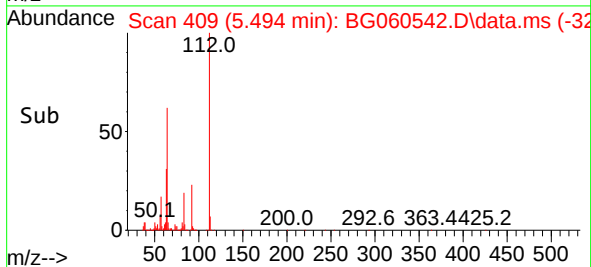
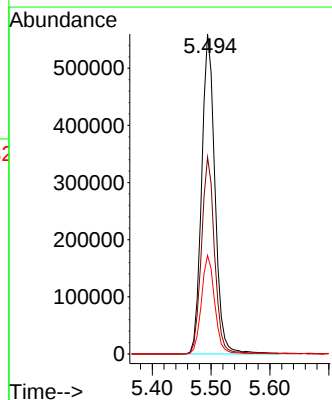
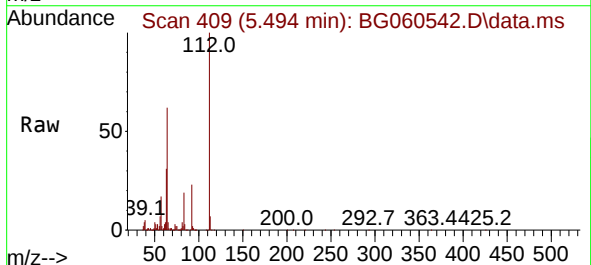
Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 115694
Ion Ratio Lower Upper
152 100
150 155.6 114.5 171.7
115 55.3 43.0 64.6



#5
2-Fluorophenol
Concen: 124.987 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.009 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

Tgt Ion:112 Resp: 879159
Ion Ratio Lower Upper
112 100
64 61.5 49.8 74.6
63 30.8 24.4 36.6

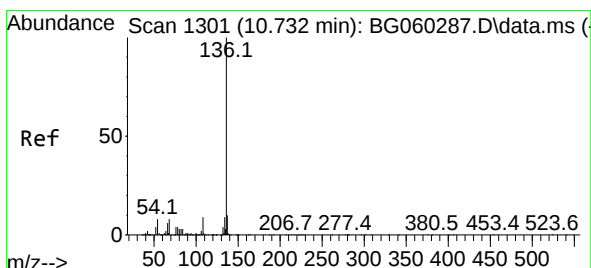
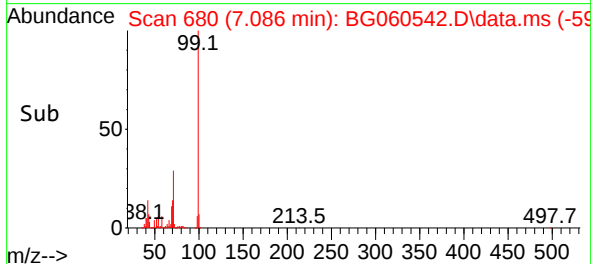
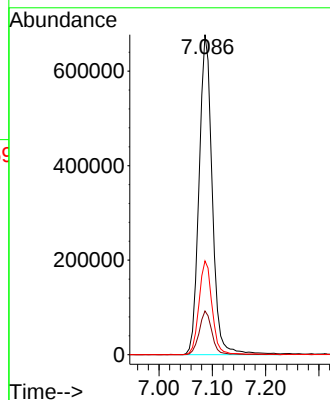
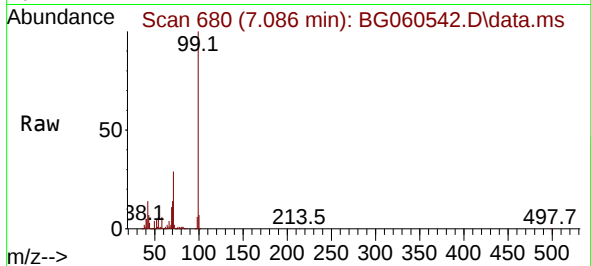




#7
Phenol-d6
Concen: 111.675 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

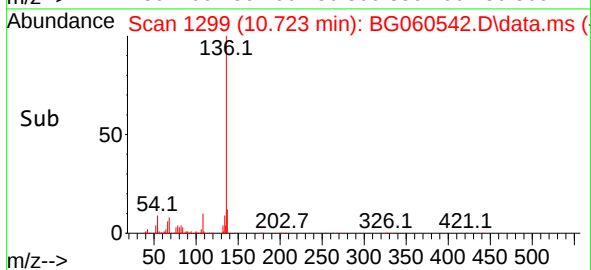
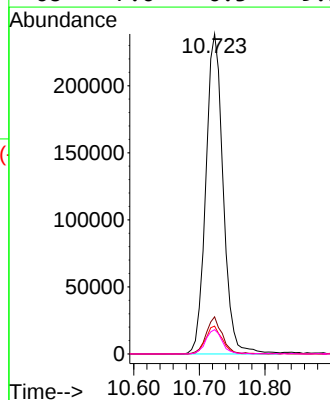
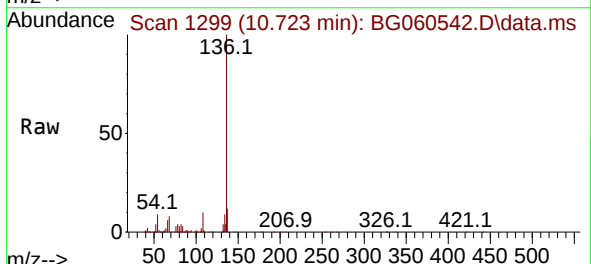
Instrument :
BNA_G
ClientSampleId :
TP-3

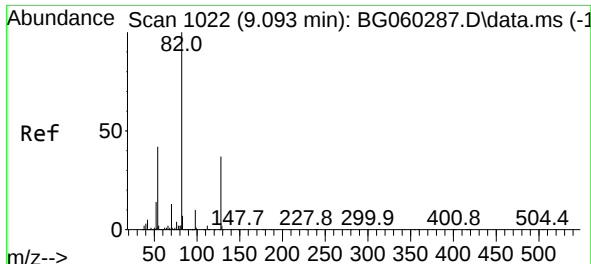
Tgt Ion: 99 Resp: 1163169
Ion Ratio Lower Upper
99 100
42 13.6 10.9 16.3
71 29.3 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

Tgt Ion:136 Resp: 439437
Ion Ratio Lower Upper
136 100
137 11.6 8.2 12.4
54 8.7 6.2 9.2
68 7.6 6.3 9.5





#23

Nitrobenzene-d5

Concen: 90.964 ng

RT: 9.084 min Scan# 1020

Delta R.T. -0.009 min

Lab File: BG060542.D

Acq: 1 Feb 2024 21:01

Instrument :

BNA_G

ClientSampleId :

TP-3

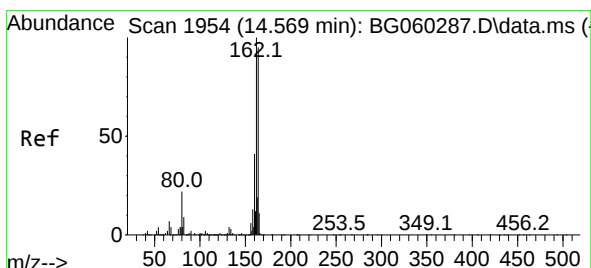
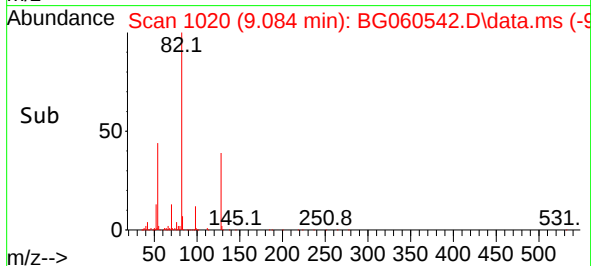
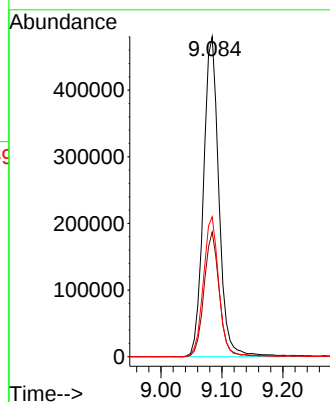
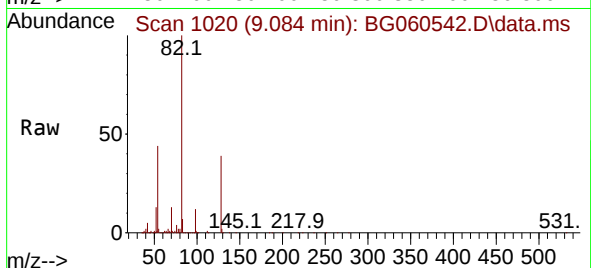
Tgt Ion: 82 Resp: 846528

Ion Ratio Lower Upper

82 100

128 39.0 29.6 44.4

54 43.7 33.6 50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.560 min Scan# 1952

Delta R.T. -0.009 min

Lab File: BG060542.D

Acq: 1 Feb 2024 21:01

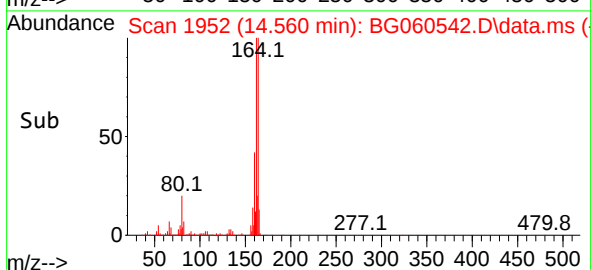
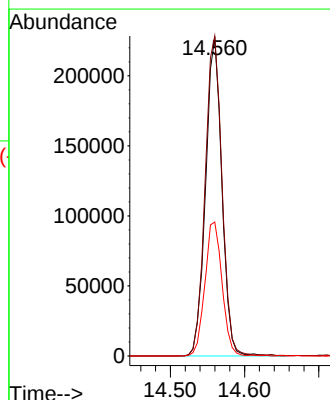
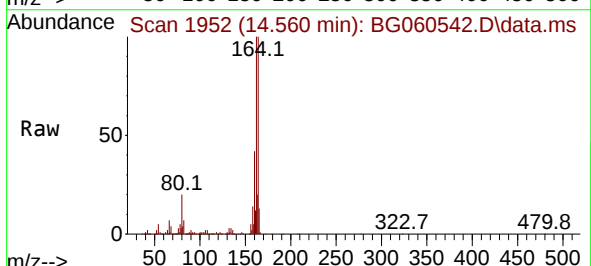
Tgt Ion:164 Resp: 347184

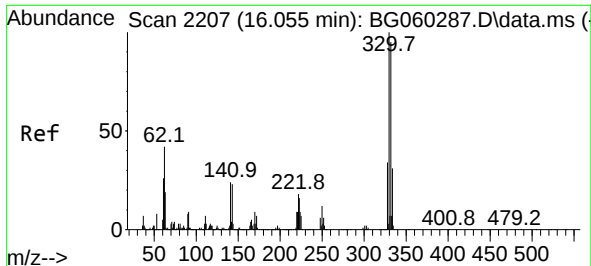
Ion Ratio Lower Upper

164 100

162 100.4 84.4 126.6

160 42.0 34.6 52.0

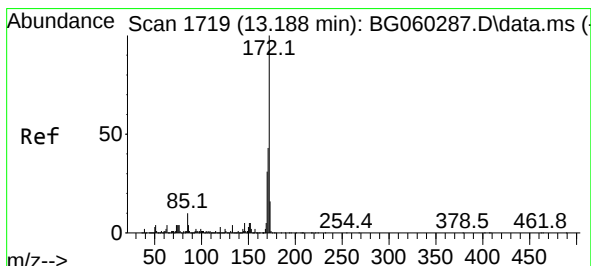
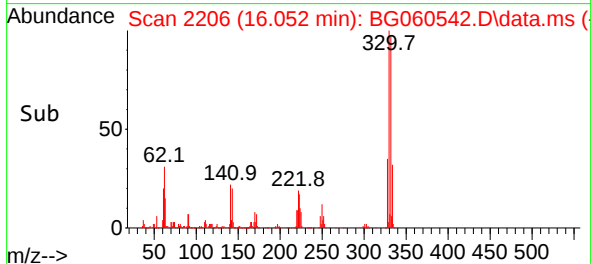
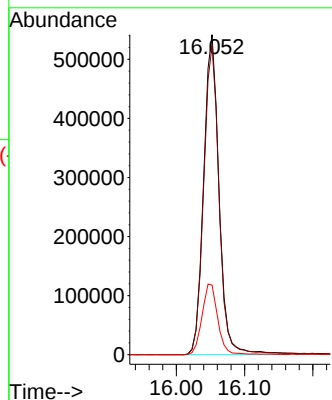
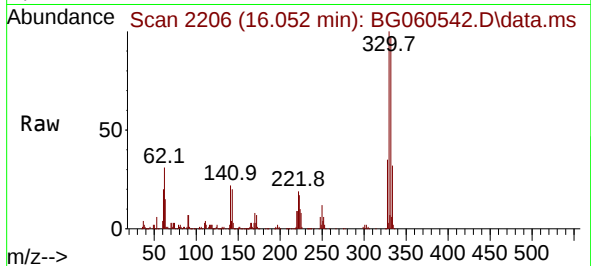




#42
2,4,6-Tribromophenol
Concen: 166.426 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

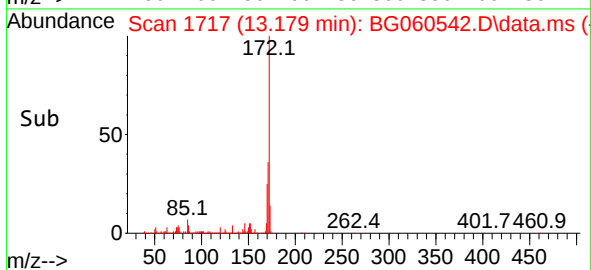
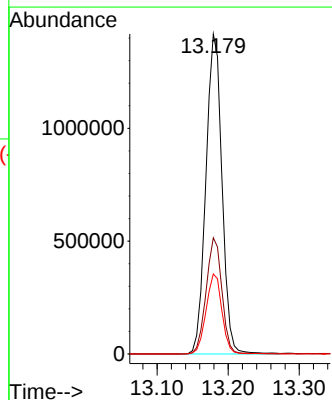
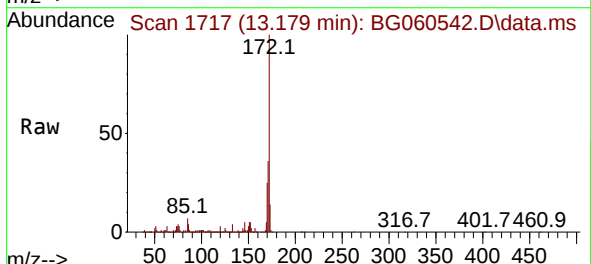
Instrument :
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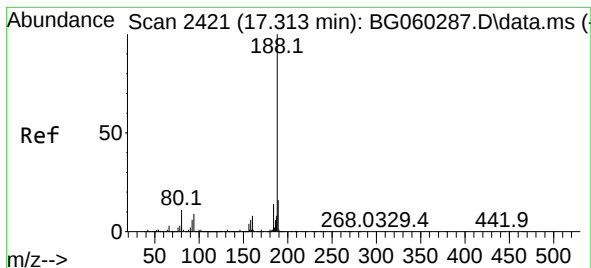
Tgt Ion:330 Resp: 850119
Ion Ratio Lower Upper
330 100
332 97.3 76.7 115.1
141 22.8 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 89.355 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

Tgt Ion:172 Resp: 2231338
Ion Ratio Lower Upper
172 100
171 36.3 34.6 51.8
170 25.0 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG060542.D

Acq: 1 Feb 2024 21:01

Instrument :

BNA_G

ClientSampleId :

TP-3

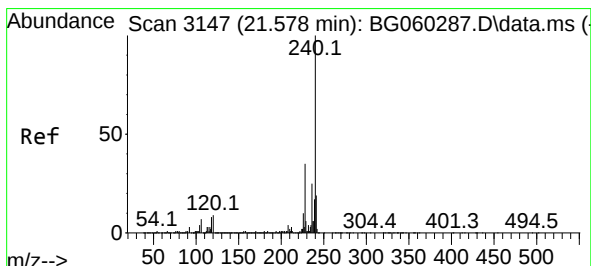
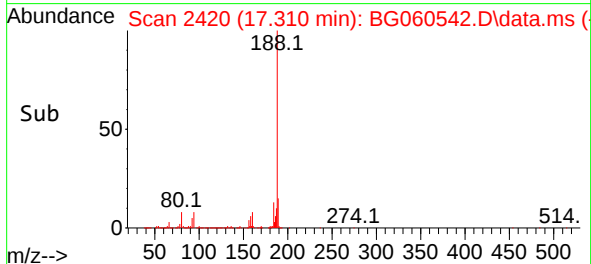
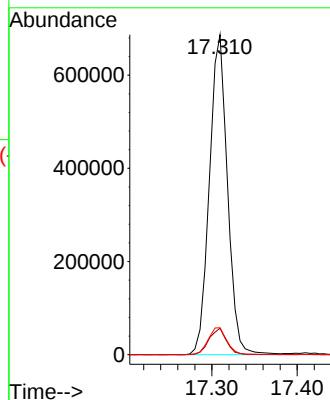
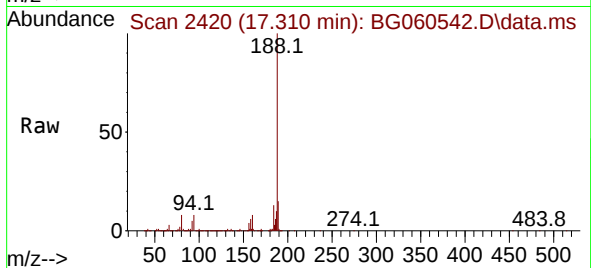
Tgt Ion:188 Resp: 1011371

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

80 8.4 8.5 12.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3145

Delta R.T. -0.009 min

Lab File: BG060542.D

Acq: 1 Feb 2024 21:01

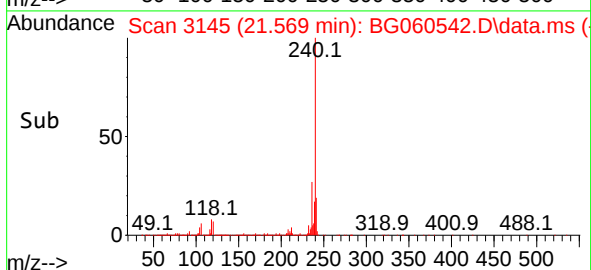
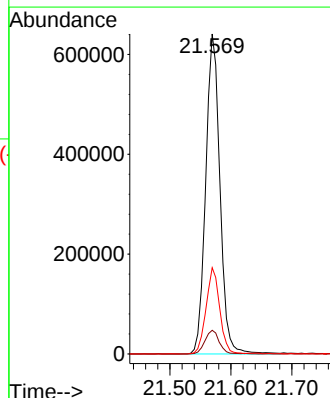
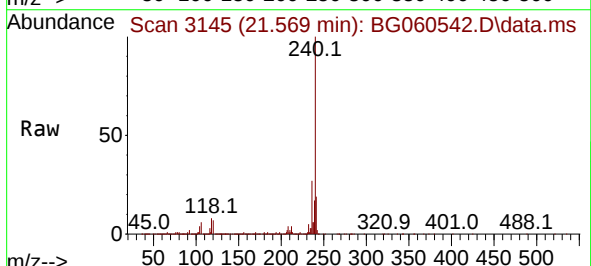
Tgt Ion:240 Resp: 1041779

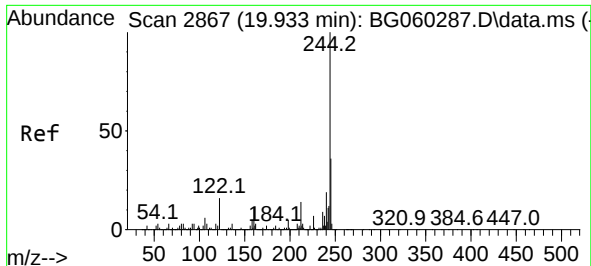
Ion Ratio Lower Upper

240 100

120 7.4 7.3 10.9

236 26.9 20.3 30.5

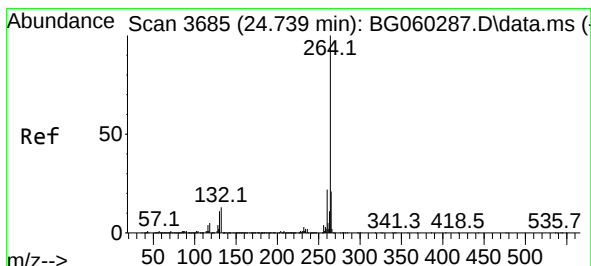
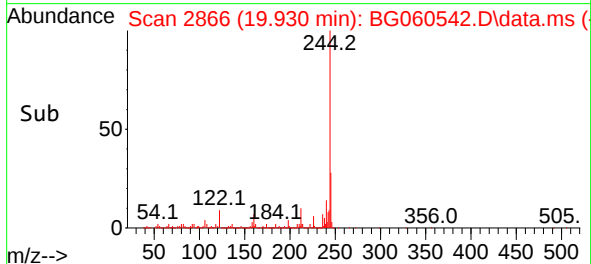
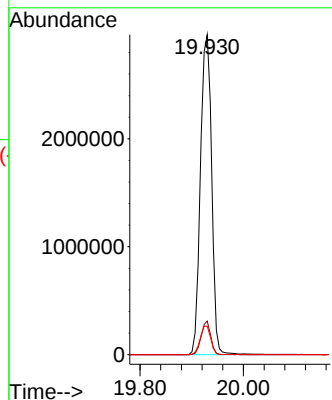
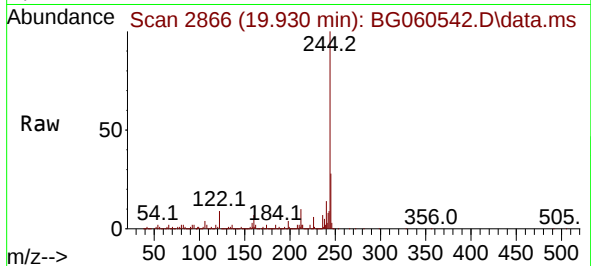




#79
 Terphenyl-d14
 Concen: 138.232 ng
 RT: 19.930 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060542.D
 Acq: 1 Feb 2024 21:01

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 4458903
 Ion Ratio Lower Upper
 244 100
 212 10.5 10.9 16.3#
 122 8.9 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.736 min Scan# 3684
 Delta R.T. -0.003 min
 Lab File: BG060542.D
 Acq: 1 Feb 2024 21:01

Tgt Ion:264 Resp: 1154876
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.8 26.6
 265 20.4 16.8 25.2

