

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060493.D
 Acq On : 30 Jan 2024 21:23
 Operator : MA/JU
 Sample : P1277-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-41

Quant Time: Jan 31 01:25:35 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	7.923	152	154628	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	632984	20.000	ng	# 0.00
39) Acenaphthene-d10	14.562	164	483556	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	1227200	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1191325	20.000	ng	0.00
86) Perylene-d12	24.733	264	1375242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	827327	88.003	ng	0.00
7) Phenol-d6	7.089	99	1248648	89.696	ng	0.00
23) Nitrobenzene-d5	9.086	82	763742	56.974	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	655930	92.196	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	1988209	57.165	ng	0.00
79) Terphenyl-d14	19.927	244	3310822	63.796	ng	0.00

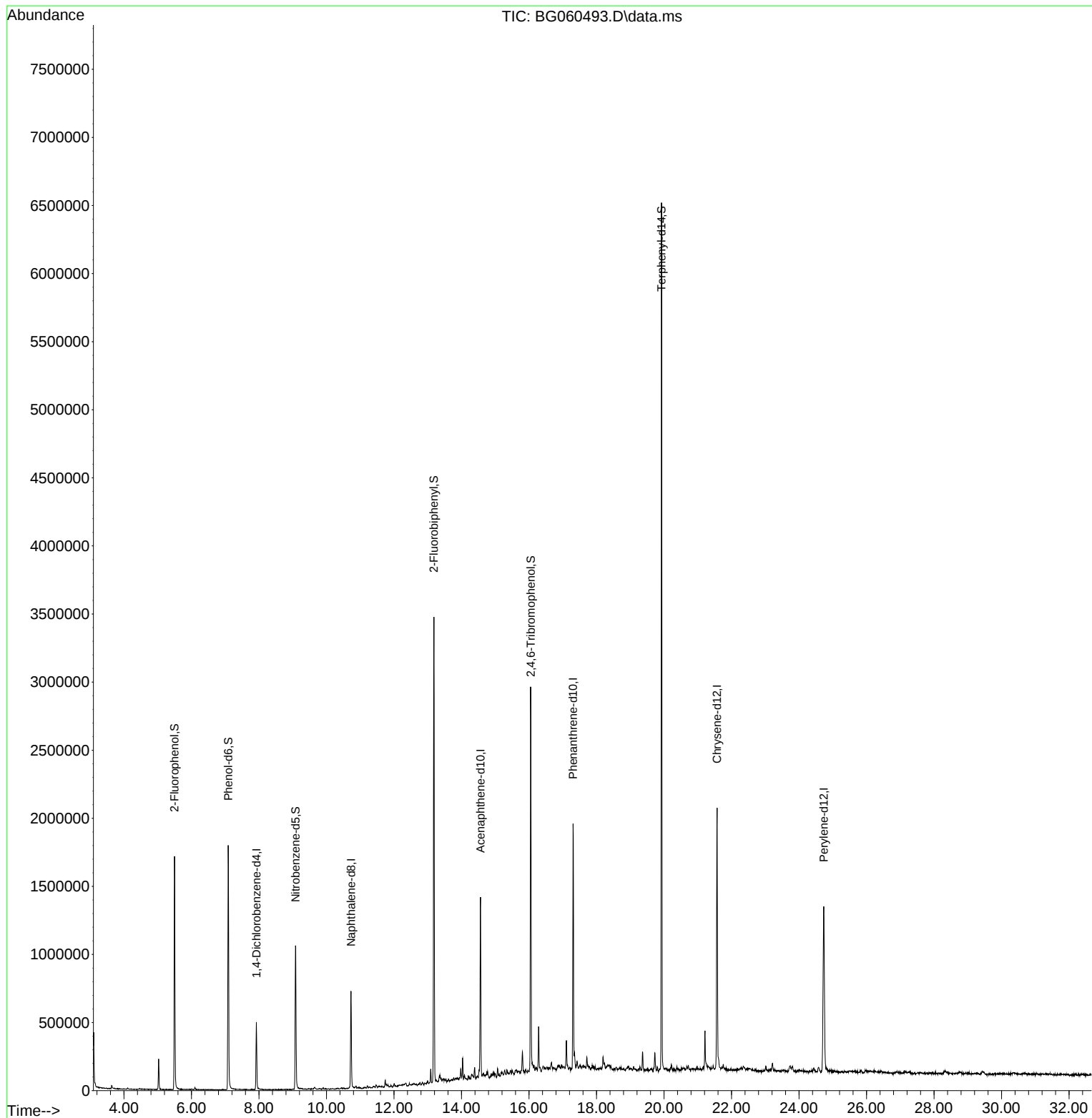
Target Compounds	Qvalue

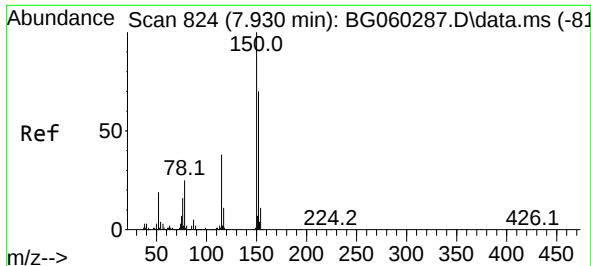
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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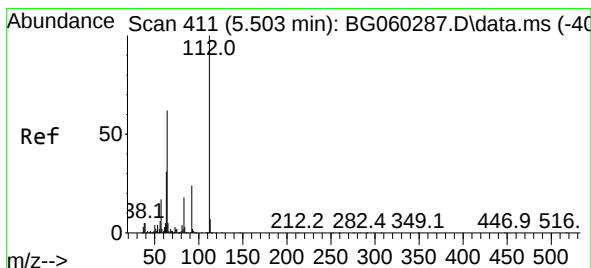
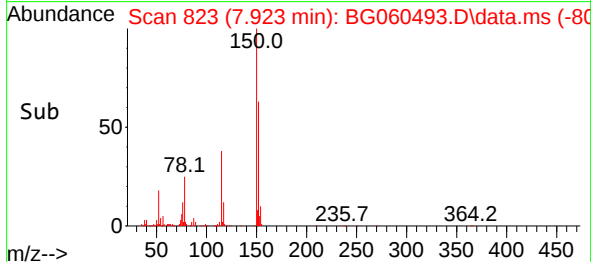
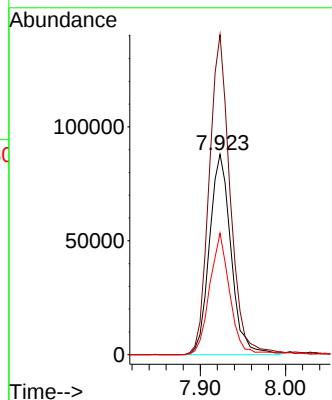
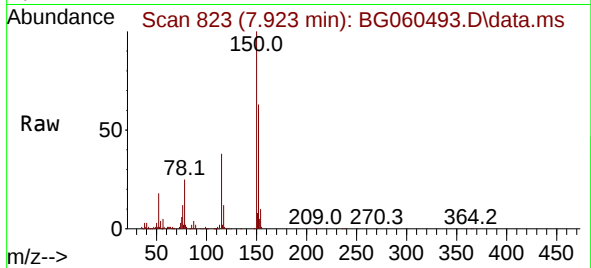




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.923 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BG060493.D
 Acq: 30 Jan 2024 21:23

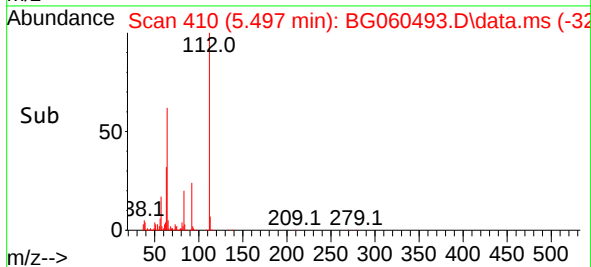
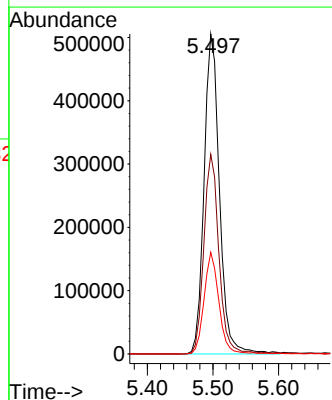
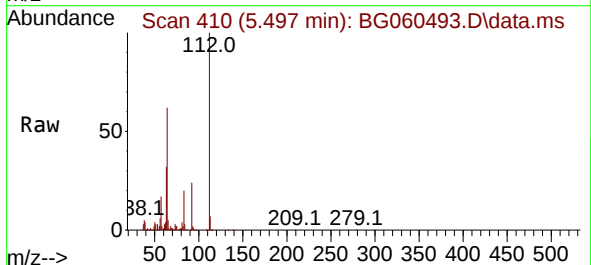
Instrument :
 BNA_G
 ClientSampleId :
 TP-41

Tgt Ion:152 Resp: 154628
 Ion Ratio Lower Upper
 152 100
 150 159.8 114.5 171.7
 115 60.6 43.0 64.6



#5
 2-Fluorophenol
 Concen: 88.003 ng
 RT: 5.497 min Scan# 410
 Delta R.T. -0.006 min
 Lab File: BG060493.D
 Acq: 30 Jan 2024 21:23

Tgt Ion:112 Resp: 827327
 Ion Ratio Lower Upper
 112 100
 64 62.4 49.8 74.6
 63 31.8 24.4 36.6

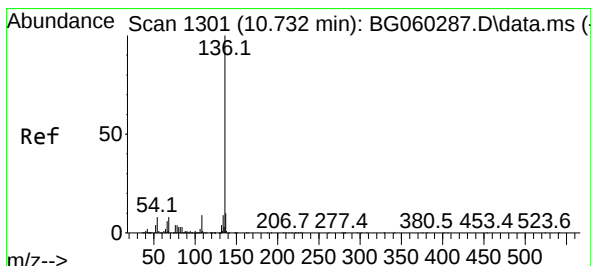
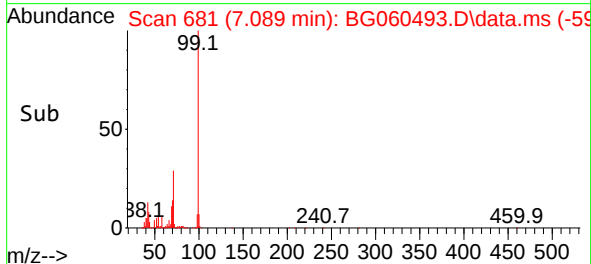
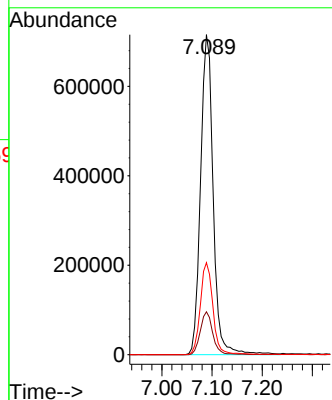
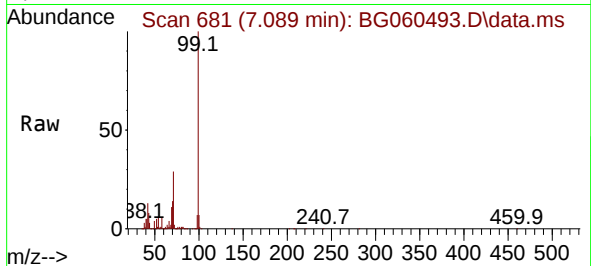




#7
Phenol-d6
Concen: 89.696 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060493.D
Acq: 30 Jan 2024 21:23

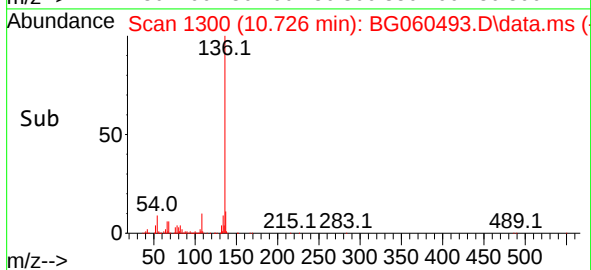
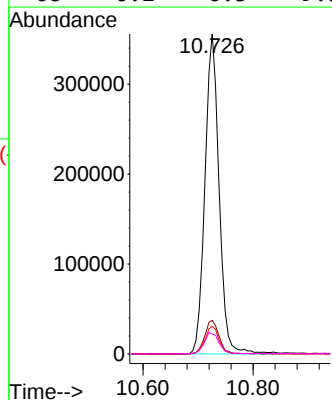
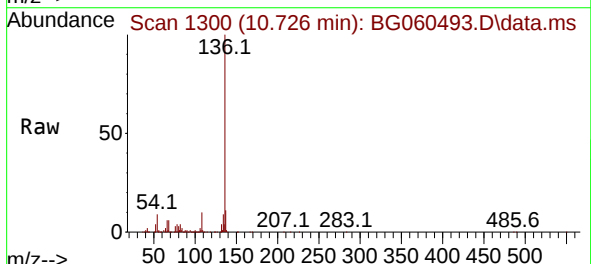
Instrument :
BNA_G
ClientSampleId :
TP-41

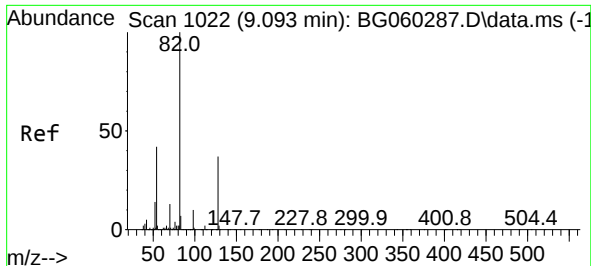
Tgt Ion: 99 Resp: 1248648
Ion Ratio Lower Upper
99 100
42 13.4 10.9 16.3
71 28.7 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG060493.D
Acq: 30 Jan 2024 21:23

Tgt Ion: 136 Resp: 632984
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.4
54 8.6 6.2 9.2
68 6.2 6.3 9.5#

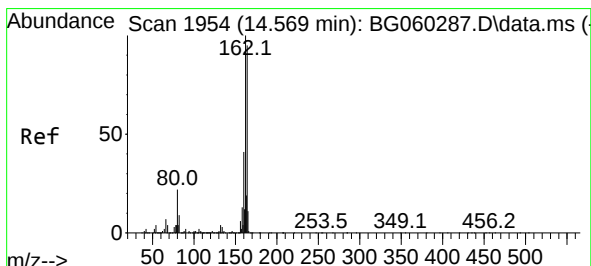
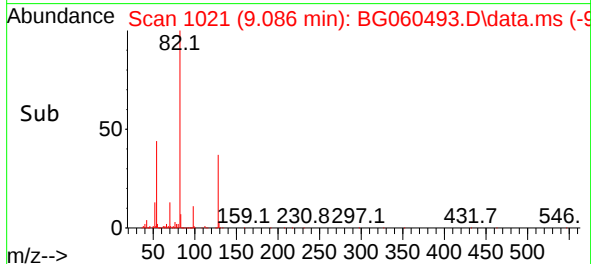
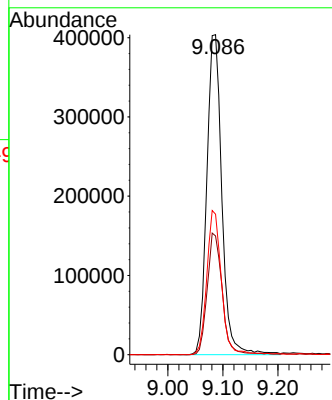
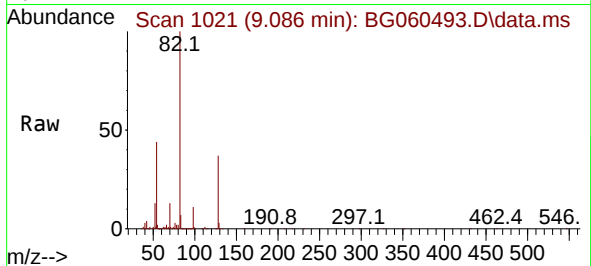




#23
Nitrobenzene-d5
Concen: 56.974 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060493.D
Acq: 30 Jan 2024 21:23

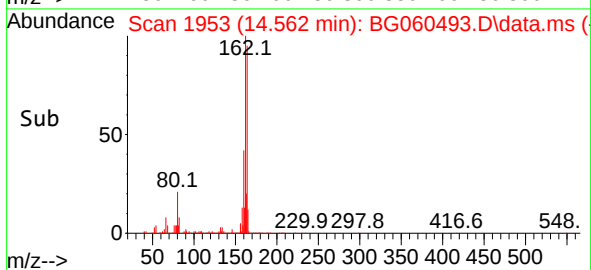
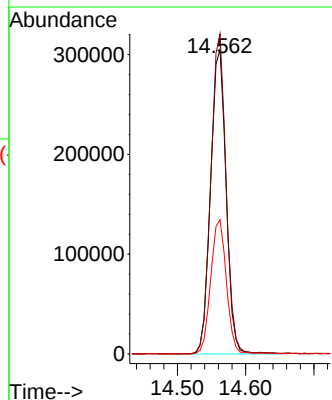
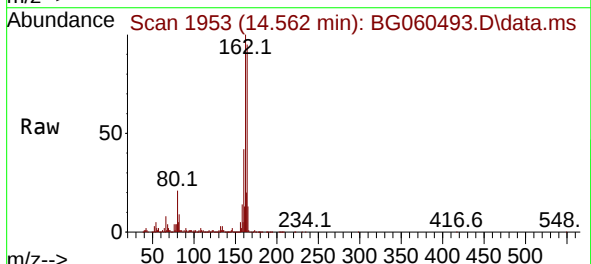
Instrument :
BNA_G
ClientSampleId :
TP-41

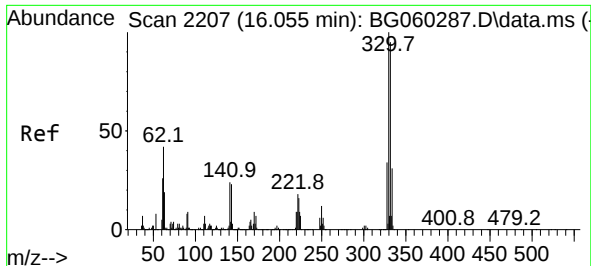
Tgt Ion: 82 Resp: 763742
Ion Ratio Lower Upper
82 100
128 37.1 29.6 44.4
54 43.9 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060493.D
Acq: 30 Jan 2024 21:23

Tgt Ion:164 Resp: 483556
Ion Ratio Lower Upper
164 100
162 105.1 84.4 126.6
160 44.1 34.6 52.0

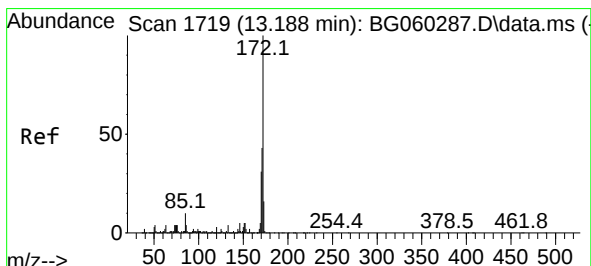
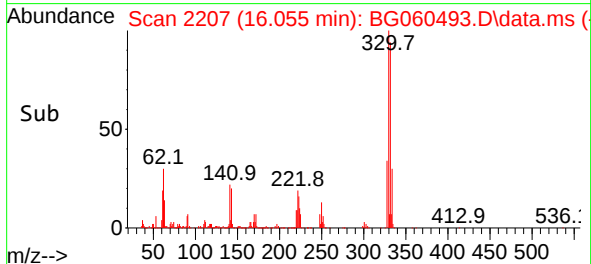
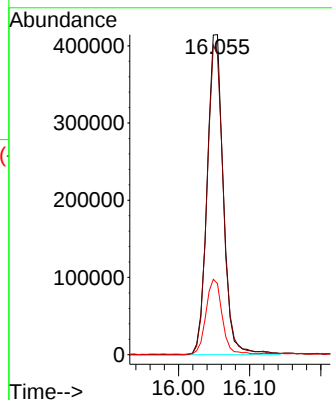
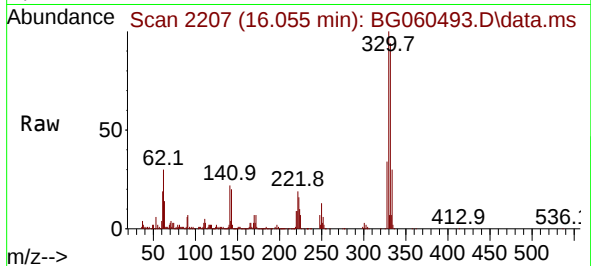




#42
2,4,6-Tribromophenol
Concen: 92.196 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060493.D
Acq: 30 Jan 2024 21:23

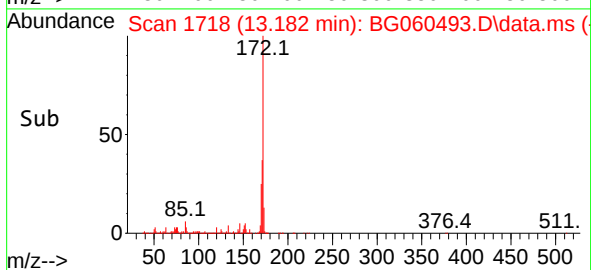
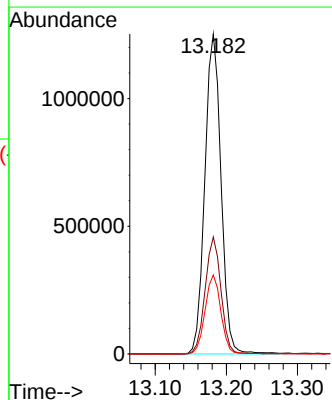
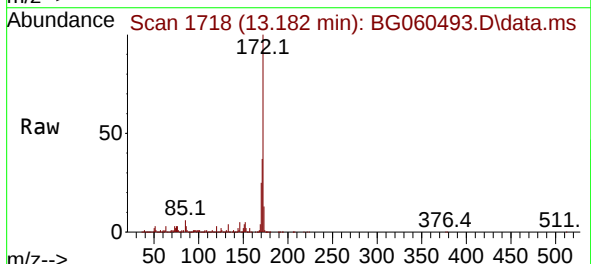
Instrument :
BNA_G
ClientSampleId :
TP-41

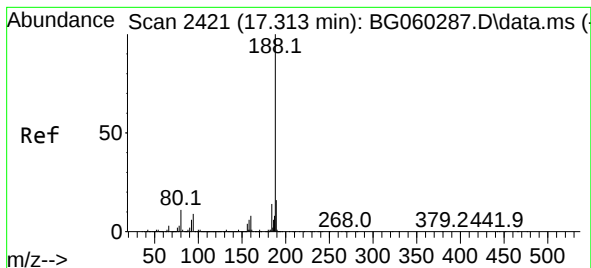
Tgt Ion:330 Resp: 655930
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 23.4 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 57.165 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG060493.D
Acq: 30 Jan 2024 21:23

Tgt Ion:172 Resp: 1988209
Ion Ratio Lower Upper
172 100
171 36.5 34.6 51.8
170 24.7 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG060493.D

Acq: 30 Jan 2024 21:23

Instrument :

BNA_G

ClientSampleId :

TP-41

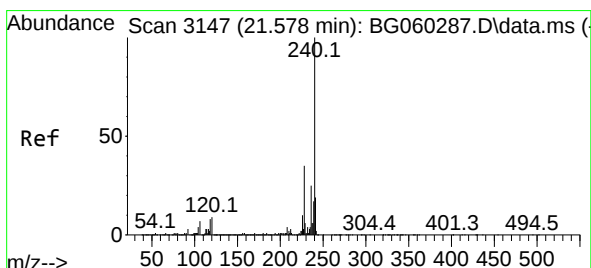
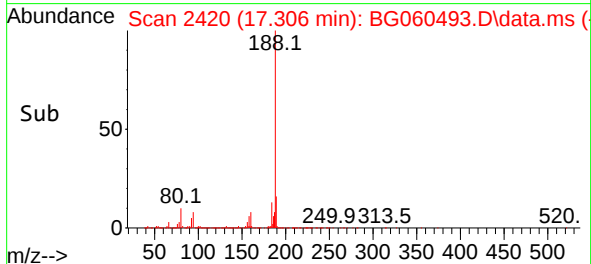
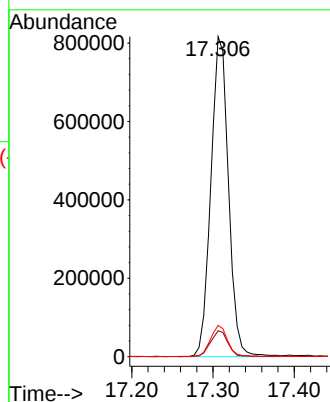
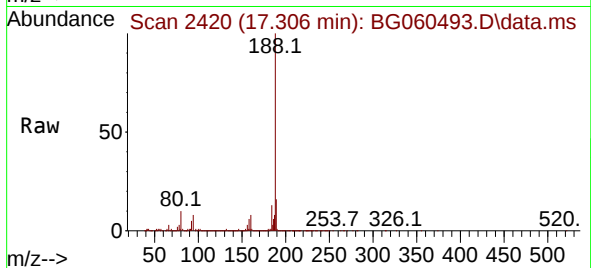
Tgt Ion:188 Resp: 1227200

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

80 9.8 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BG060493.D

Acq: 30 Jan 2024 21:23

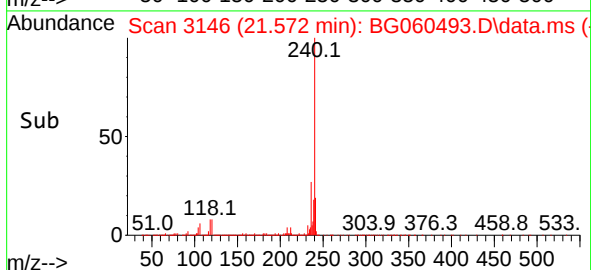
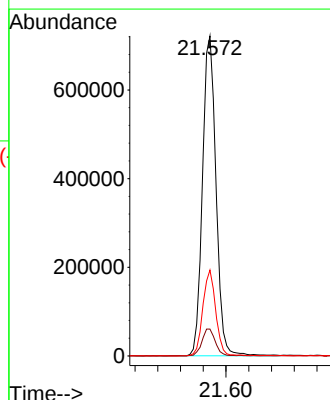
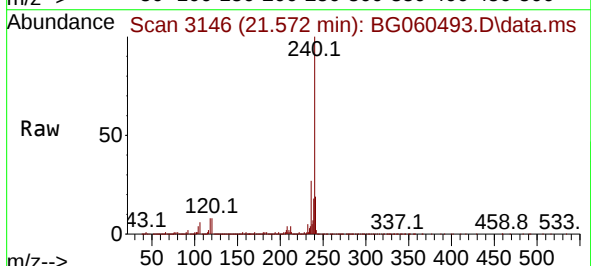
Tgt Ion:240 Resp: 1191325

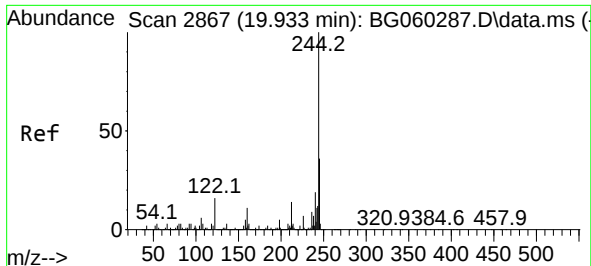
Ion Ratio Lower Upper

240 100

120 8.4 7.3 10.9

236 26.8 20.3 30.5





#79

Terphenyl-d14

Concen: 63.796 ng

RT: 19.927 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060493.D

Acq: 30 Jan 2024 21:23

Instrument :

BNA_G

ClientSampleId :

TP-41

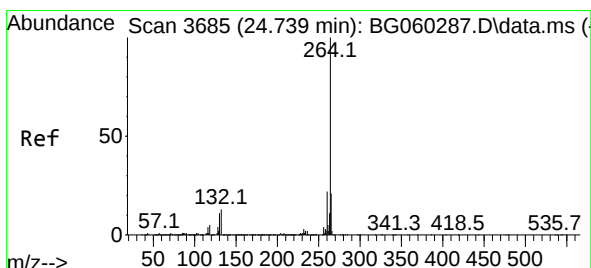
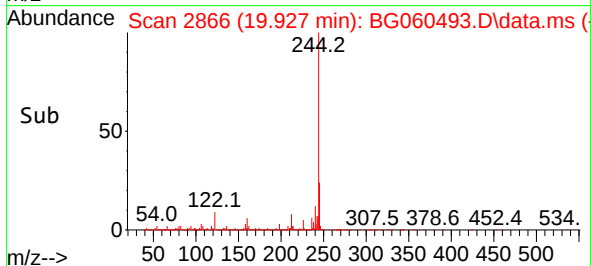
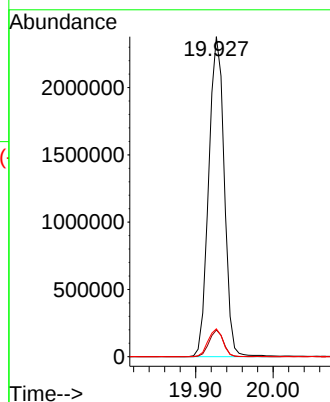
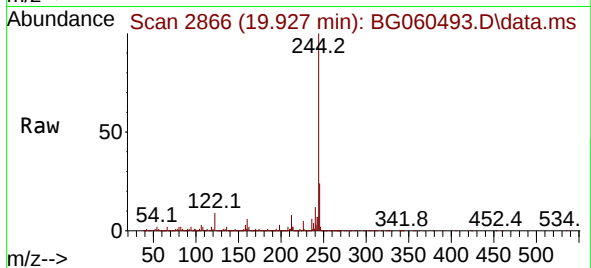
Tgt Ion:244 Resp: 3310822

Ion Ratio Lower Upper

244 100

212 8.4 10.9 16.3#

122 8.7 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.733 min Scan# 3684

Delta R.T. -0.006 min

Lab File: BG060493.D

Acq: 30 Jan 2024 21:23

Tgt Ion:264 Resp: 1375242

Ion Ratio Lower Upper

264 100

260 23.7 17.8 26.6

265 21.2 16.8 25.2

