

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060543.D
 Acq On : 1 Feb 2024 21:42
 Operator : MA/JU
 Sample : P1311-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Feb 02 00:43:01 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	7.917	152	119065	20.000	ng	-0.01
21) Naphthalene-d8	10.719	136	441228	20.000	ng	-0.01
39) Acenaphthene-d10	14.556	164	93168	20.000	ng	#-0.01
64) Phenanthrene-d10	17.306	188	565506	20.000	ng	# 0.00
76) Chrysene-d12	21.571	240	131527	20.000	ng	# 0.00
86) Perylene-d12	24.732	264	3766	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	834736	115.312	ng	0.00
7) Phenol-d6	7.088	99	430153	40.129	ng	0.00
23) Nitrobenzene-d5	9.080	82	851372	91.113	ng	-0.01
42) 2,4,6-Tribromophenol	16.048	330	766295	559.025	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2158774	322.147	ng	0.00
79) Terphenyl-d14	19.926	244	2585346	-20.000	ng	0.00

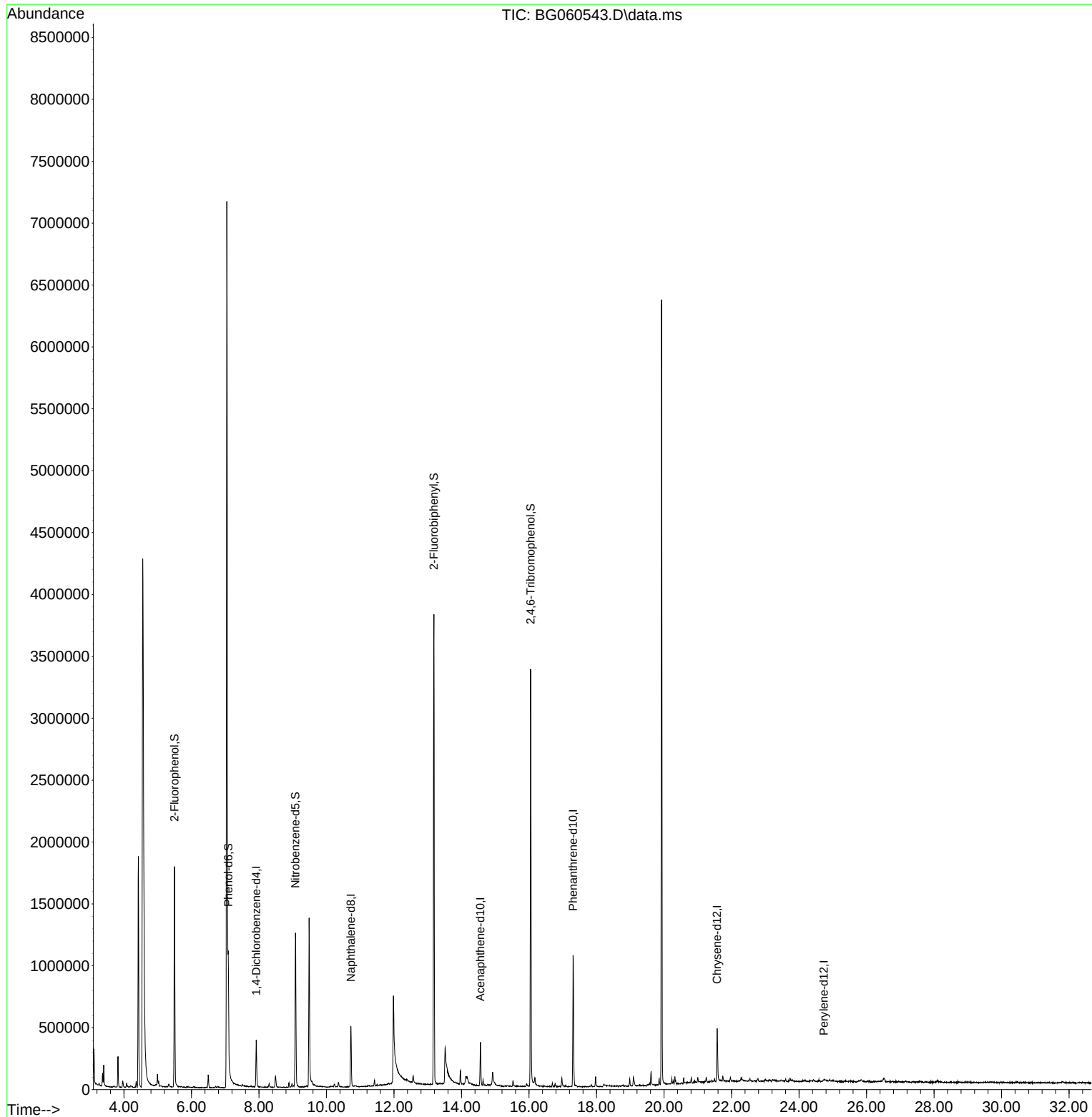
Target Compounds	Qvalue

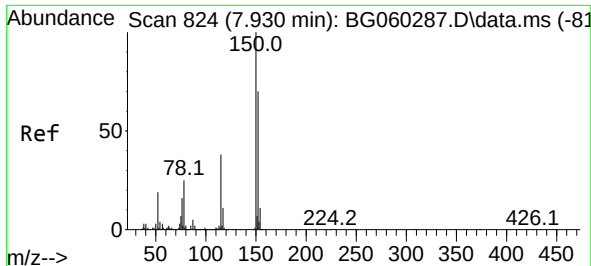
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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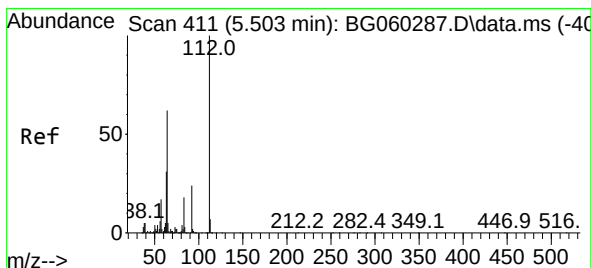
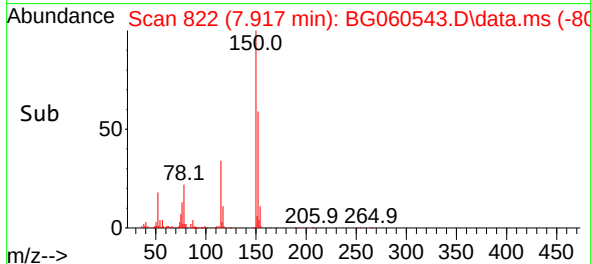
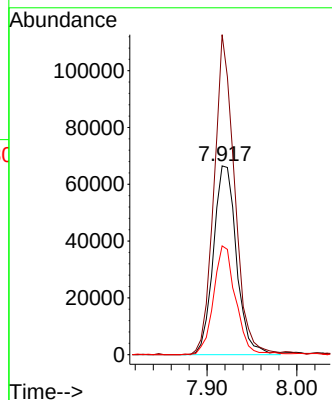
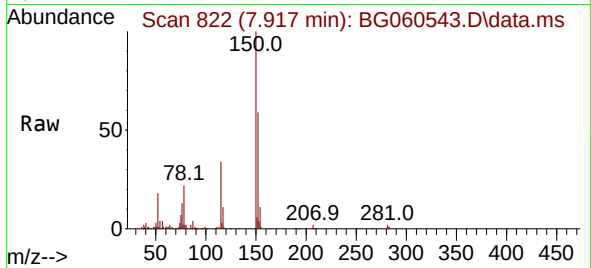




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.917 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG060543.D
Acq: 1 Feb 2024 21:42

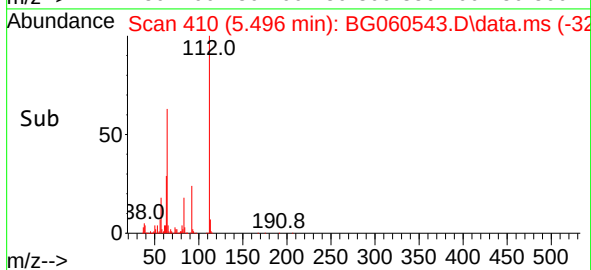
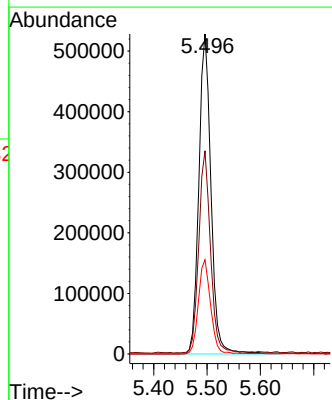
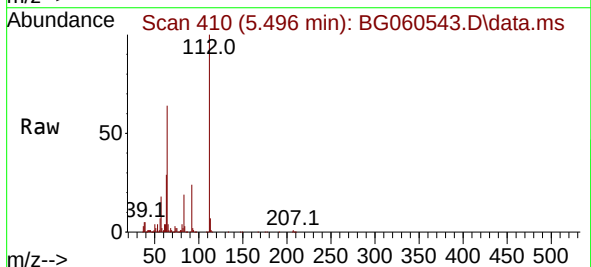
Instrument :
BNA_G
ClientSampleId :
TP-4

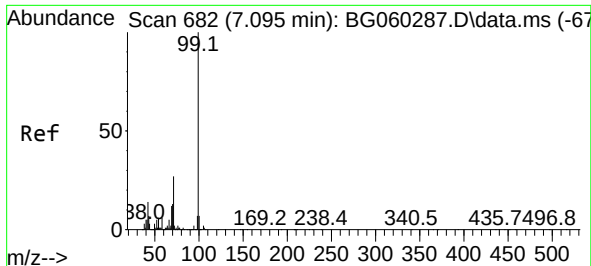
Tgt Ion:152 Resp: 119065
Ion Ratio Lower Upper
152 100
150 169.4 114.5 171.7
115 57.6 43.0 64.6



#5
2-Fluorophenol
Concen: 115.312 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.007 min
Lab File: BG060543.D
Acq: 1 Feb 2024 21:42

Tgt Ion:112 Resp: 834736
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.6
63 29.5 24.4 36.6

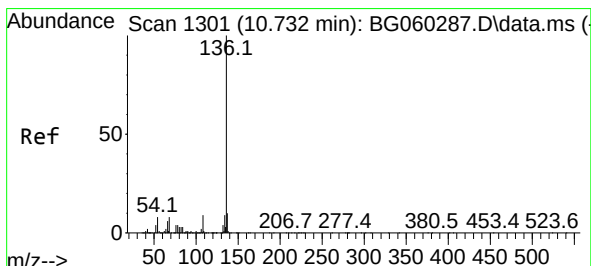
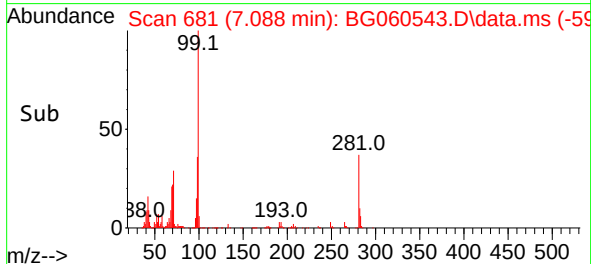
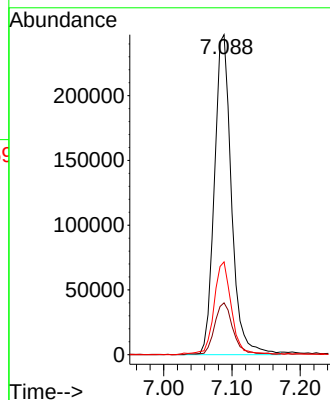
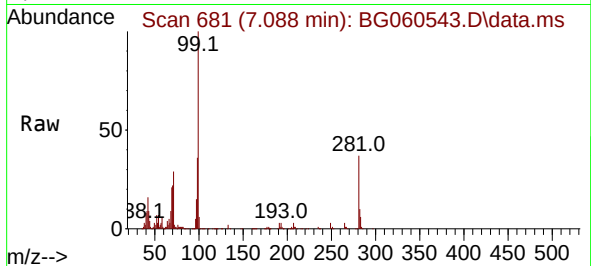




#7
Phenol-d6
Concen: 40.129 ng
RT: 7.088 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060543.D
Acq: 1 Feb 2024 21:42

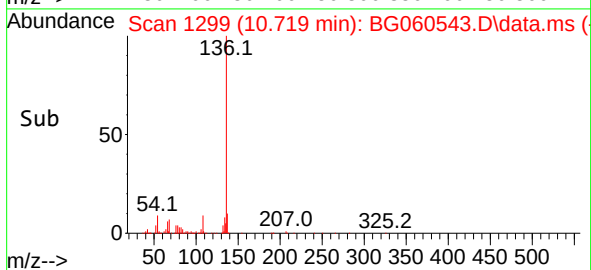
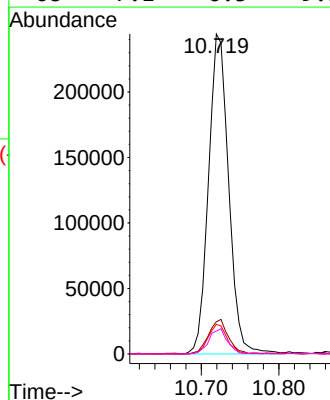
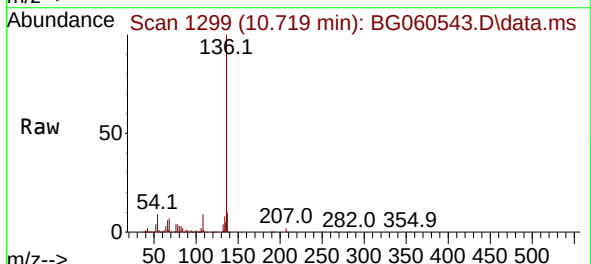
Instrument :
BNA_G
ClientSampleId :
TP-4

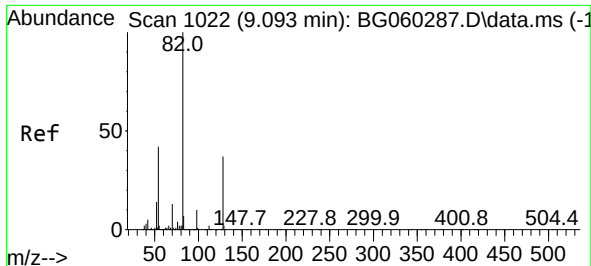
Tgt Ion: 99 Resp: 430153
Ion Ratio Lower Upper
99 100
42 16.2 10.9 16.3
71 29.0 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1299
Delta R.T. -0.013 min
Lab File: BG060543.D
Acq: 1 Feb 2024 21:42

Tgt Ion: 136 Resp: 441228
Ion Ratio Lower Upper
136 100
137 10.0 8.2 12.4
54 9.2 6.2 9.2
68 7.1 6.3 9.5





#23

Nitrobenzene-d5

Concen: 91.113 ng

RT: 9.080 min Scan# 1022

Delta R.T. -0.013 min

Lab File: BG060543.D

Acq: 1 Feb 2024 21:42

Instrument :

BNA_G

ClientSampleId :

TP-4

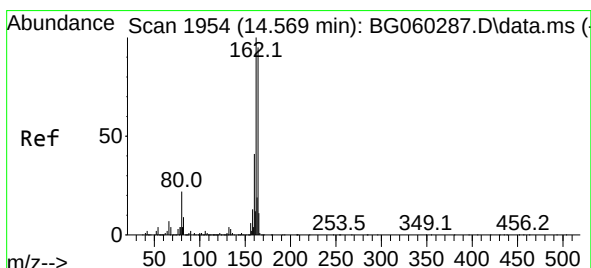
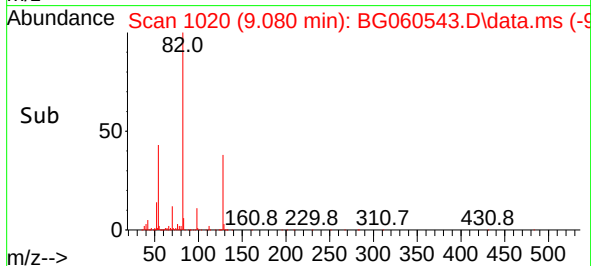
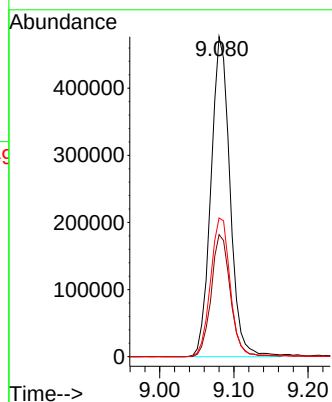
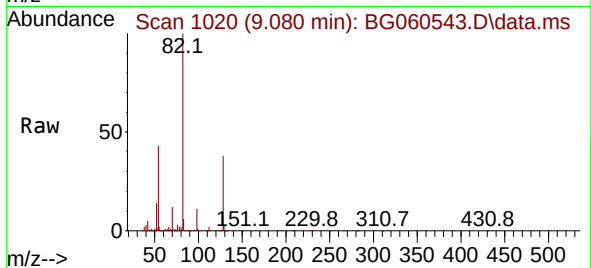
Tgt Ion: 82 Resp: 851372

Ion Ratio Lower Upper

82 100

128 38.1 29.6 44.4

54 43.3 33.6 50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.013 min

Lab File: BG060543.D

Acq: 1 Feb 2024 21:42

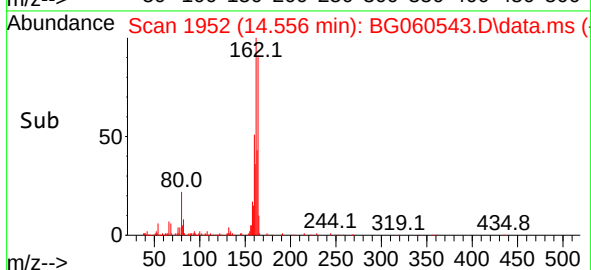
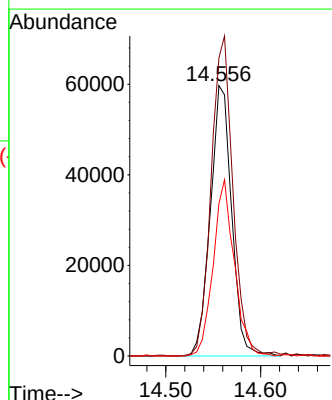
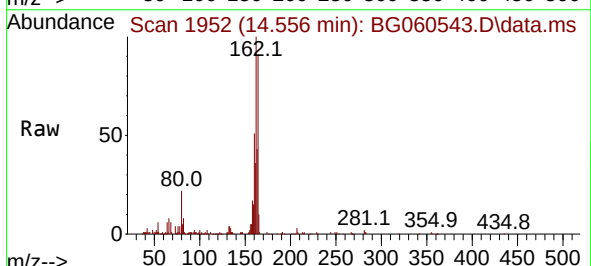
Tgt Ion:164 Resp: 93168

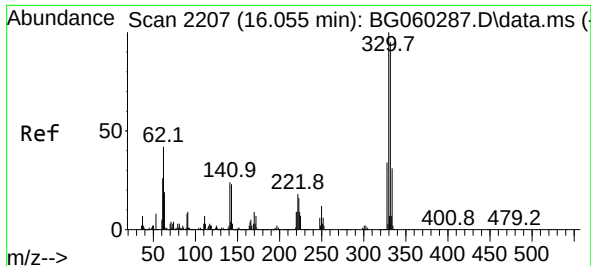
Ion Ratio Lower Upper

164 100

162 110.2 84.4 126.6

160 56.3 34.6 52.0#

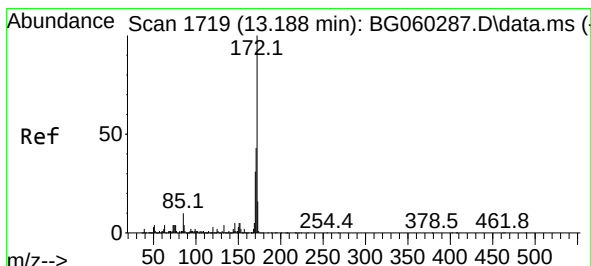
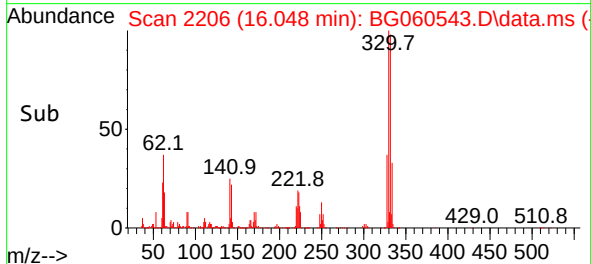
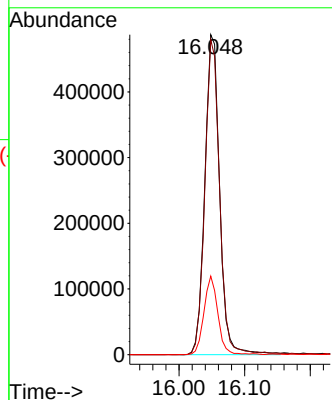
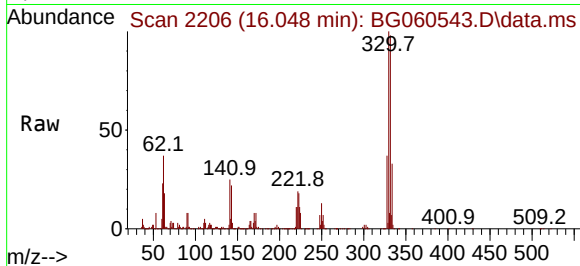




#42
2,4,6-Tribromophenol
Concen: 559.025 ng
RT: 16.048 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060543.D
Acq: 1 Feb 2024 21:42

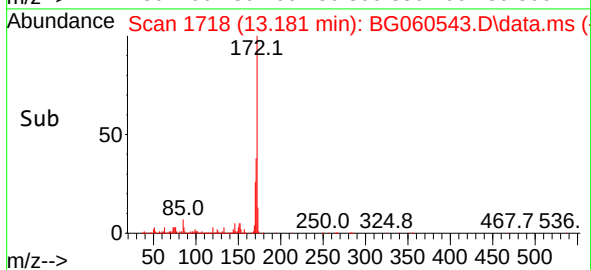
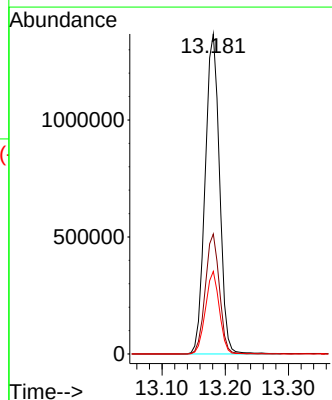
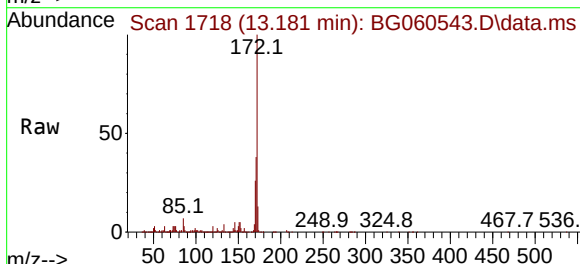
Instrument :
BNA_G
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TP-4

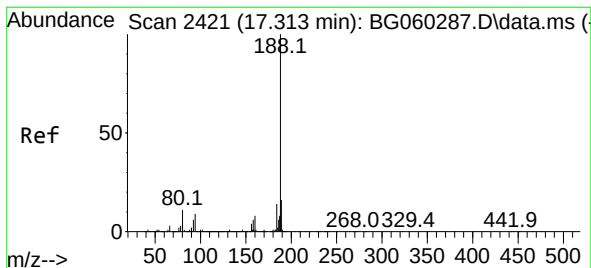
Tgt Ion:330 Resp: 766295
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 23.0 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 322.147 ng
RT: 13.181 min Scan# 1718
Delta R.T. -0.007 min
Lab File: BG060543.D
Acq: 1 Feb 2024 21:42

Tgt Ion:172 Resp: 2158774
Ion Ratio Lower Upper
172 100
171 37.5 34.6 51.8
170 25.8 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG060543.D

Acq: 1 Feb 2024 21:42

Instrument :

BNA_G

ClientSampleId :

TP-4

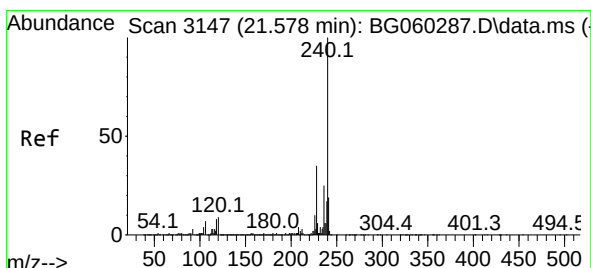
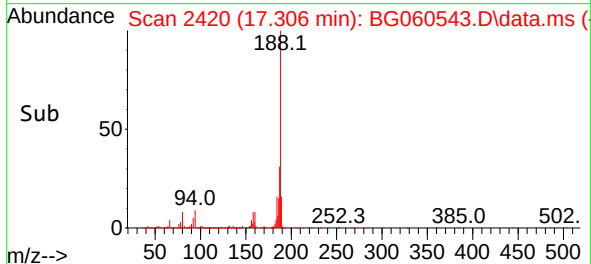
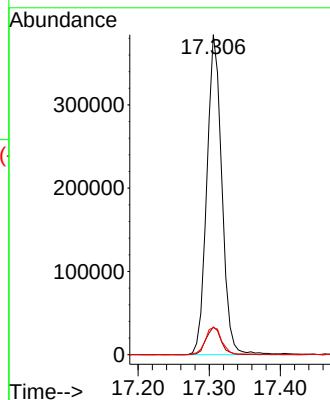
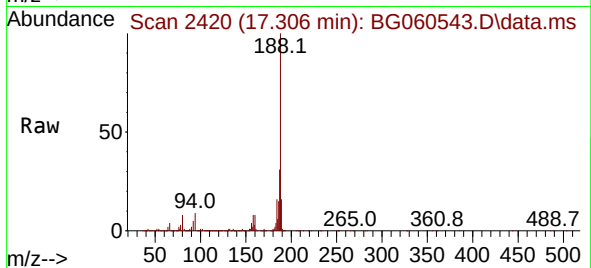
Tgt Ion:188 Resp: 565506

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

80 8.5 8.5 12.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 3146

Delta R.T. -0.007 min

Lab File: BG060543.D

Acq: 1 Feb 2024 21:42

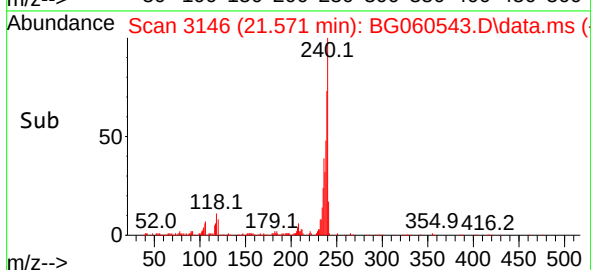
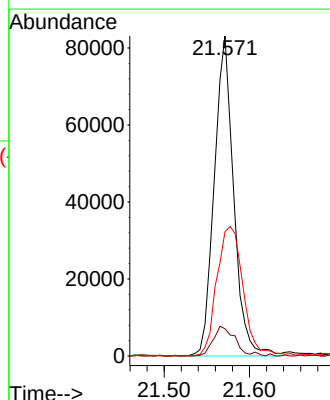
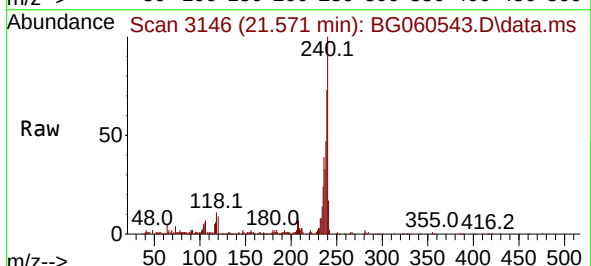
Tgt Ion:240 Resp: 131527

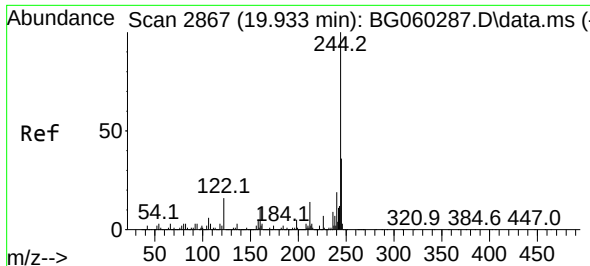
Ion Ratio Lower Upper

240 100

120 8.5 7.3 10.9

236 38.9 20.3 30.5#





#79

Terphenyl-d14

Concen: -20.000 ng

RT: 19.926 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060543.D

Acq: 1 Feb 2024 21:42

Instrument :

BNA_G

ClientSampleId :

TP-4

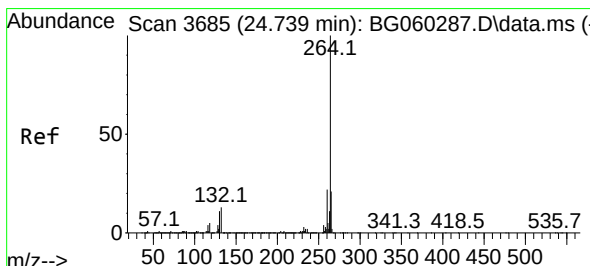
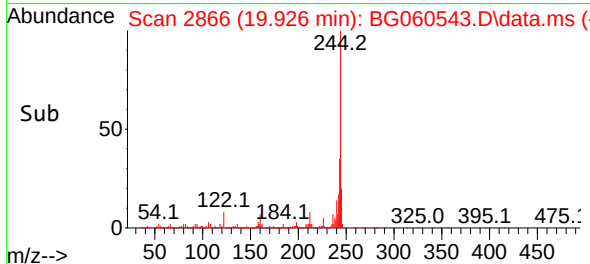
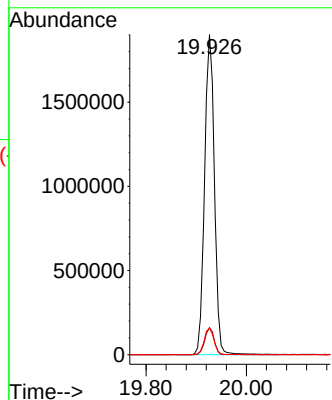
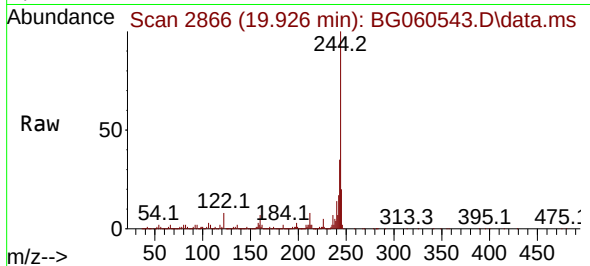
Tgt Ion:244 Resp: 2585346

Ion Ratio Lower Upper

244 100

212 8.5 10.9 16.3#

122 8.3 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.732 min Scan# 3684

Delta R.T. -0.007 min

Lab File: BG060543.D

Acq: 1 Feb 2024 21:42

Tgt Ion:264 Resp: 3766

Ion Ratio Lower Upper

264 100

260 26.4 17.8 26.6

265 15.1 16.8 25.2#

