

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020624\
 Data File : BG060562.D
 Acq On : 6 Feb 2024 20:38
 Operator : MA/JU
 Sample : PB158836BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158836BL

Quant Time: Feb 07 01:54:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 01:26:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	49826	20.000	ng	0.00
21) Naphthalene-d8	11.196	136	203741	20.000	ng	0.00
39) Acenaphthene-d10	14.980	164	134335	20.000	ng	0.00
64) Phenanthrene-d10	17.736	188	316095	20.000	ng	0.00
76) Chrysene-d12	22.078	240	308545	20.000	ng	0.00
86) Perylene-d12	25.685	264	342580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	404163	122.496	ng	0.00
7) Phenol-d6	7.459	99	543478	122.501	ng	0.00
23) Nitrobenzene-d5	9.545	82	328683	90.744	ng	0.00
42) 2,4,6-Tribromophenol	16.466	330	198933	126.338	ng	0.00
45) 2-Fluorobiphenyl	13.605	172	823399	82.322	ng	0.00
79) Terphenyl-d14	20.321	244	1499229	83.071	ng	0.00

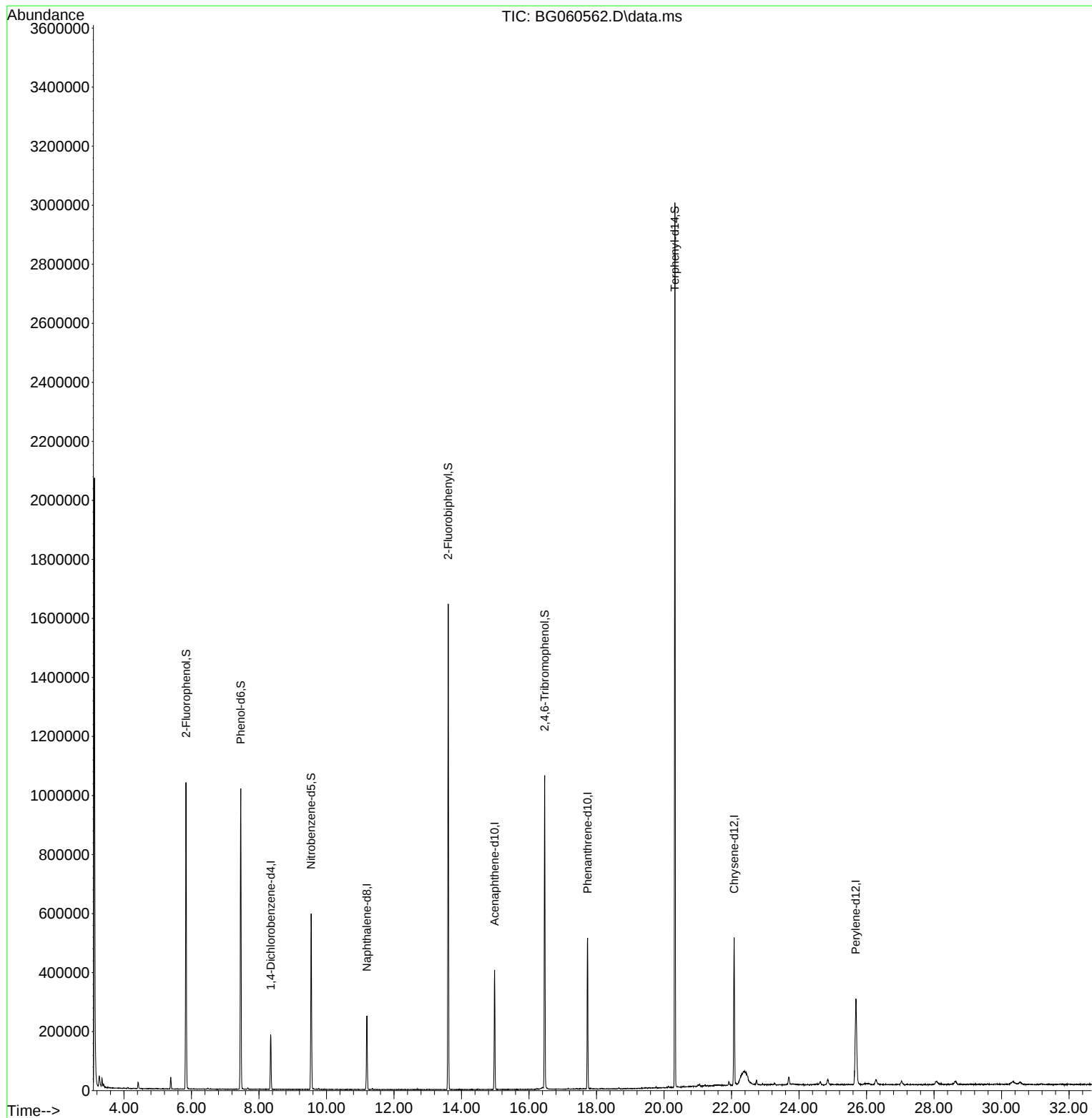
Target Compounds	Qvalue

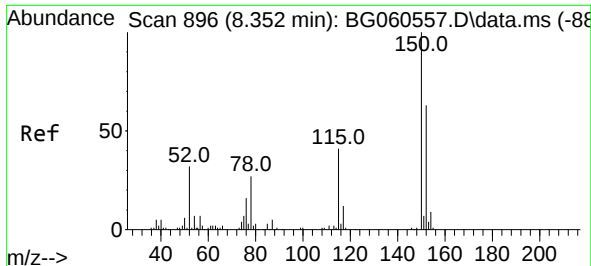
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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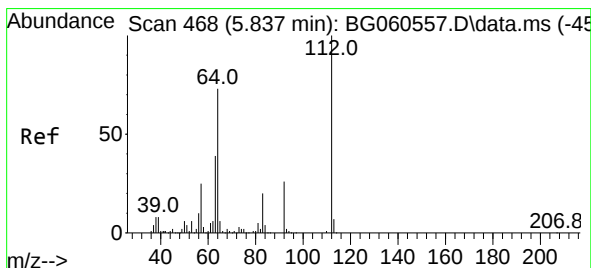
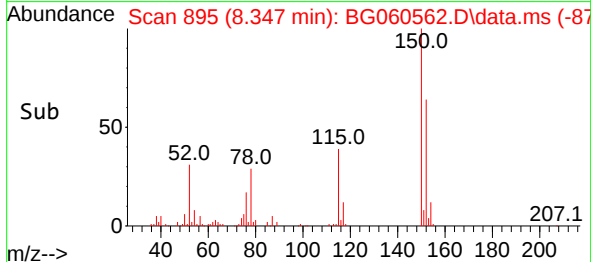
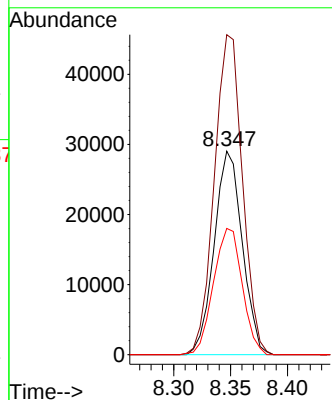
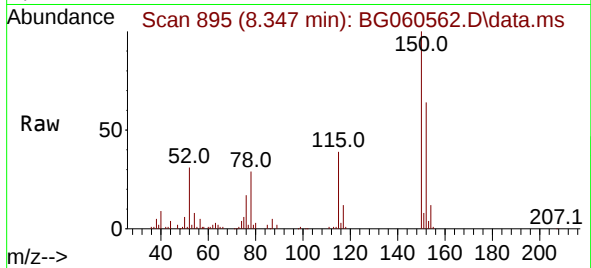




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.347 min Scan# 896
Delta R.T. -0.005 min
Lab File: BG060562.D
Acq: 6 Feb 2024 20:38

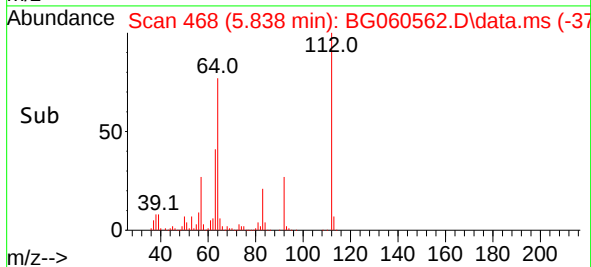
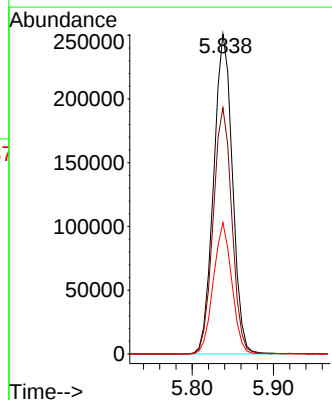
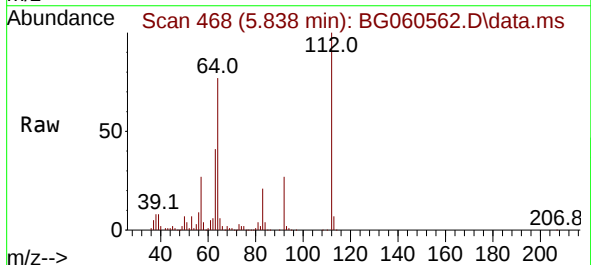
Instrument :
BNA_G
ClientSampleId :
PB158836BL

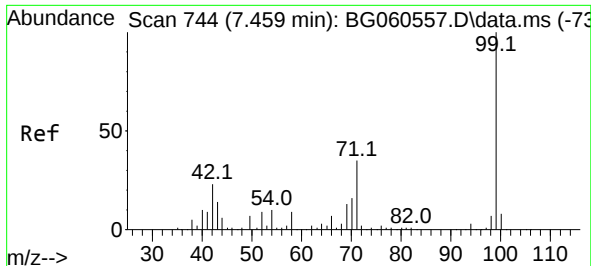
Tgt Ion:152 Resp: 49826
Ion Ratio Lower Upper
152 100
150 157.2 126.6 190.0
115 62.0 52.2 78.2



#5
2-Fluorophenol
Concen: 122.496 ng
RT: 5.838 min Scan# 468
Delta R.T. 0.001 min
Lab File: BG060562.D
Acq: 6 Feb 2024 20:38

Tgt Ion:112 Resp: 404163
Ion Ratio Lower Upper
112 100
64 77.0 58.5 87.7
63 41.0 31.5 47.3

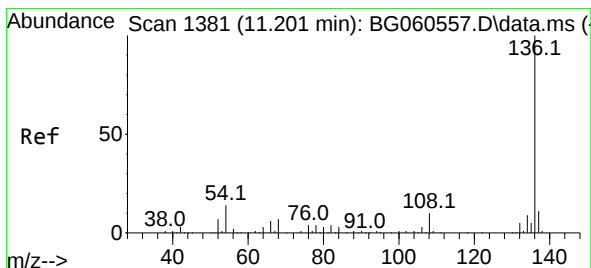
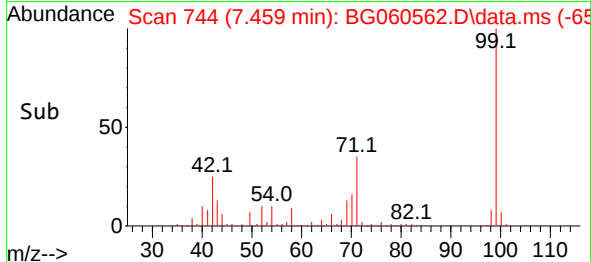
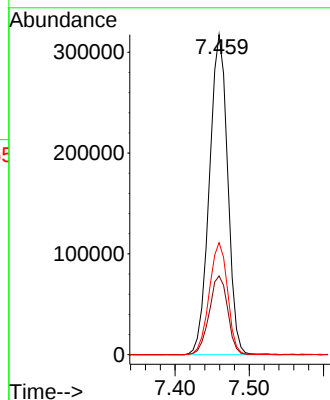
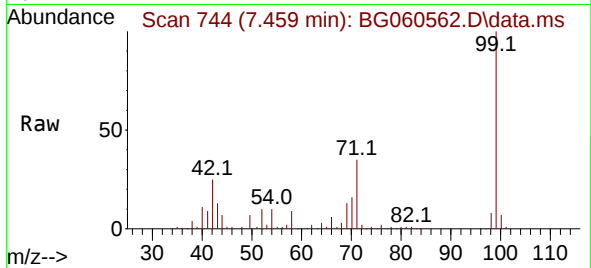




#7
Phenol-d6
Concen: 122.501 ng
RT: 7.459 min Scan# 744
Delta R.T. 0.001 min
Lab File: BG060562.D
Acq: 6 Feb 2024 20:38

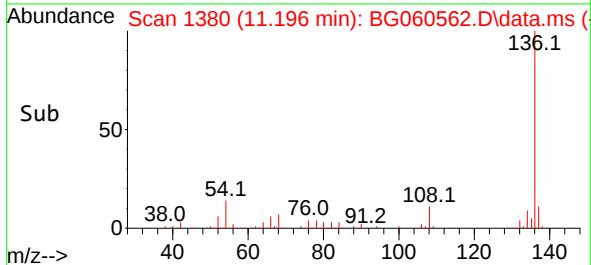
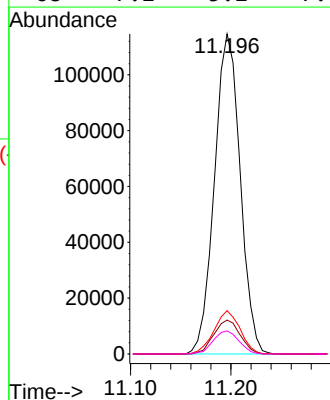
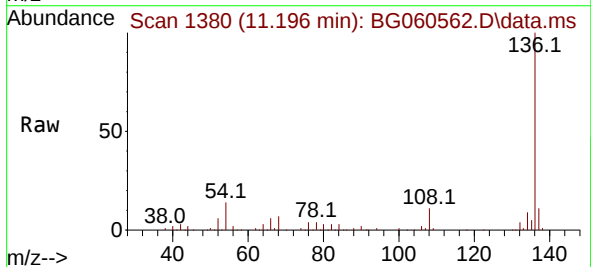
Instrument :
BNA_G
ClientSampleId :
PB158836BL

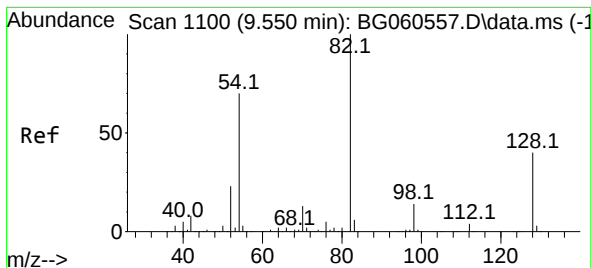
Tgt Ion: 99 Resp: 543478
Ion Ratio Lower Upper
99 100
42 24.6 18.8 28.2
71 35.0 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.196 min Scan# 1380
Delta R.T. -0.005 min
Lab File: BG060562.D
Acq: 6 Feb 2024 20:38

Tgt Ion:136 Resp: 203741
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 13.6 11.4 17.2
68 7.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 90.744 ng

RT: 9.545 min Scan# 1099

Delta R.T. -0.005 min

Lab File: BG060562.D

Acq: 6 Feb 2024 20:38

Instrument :

BNA_G

ClientSampleId :

PB158836BL

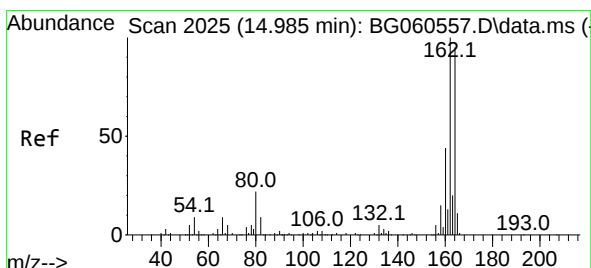
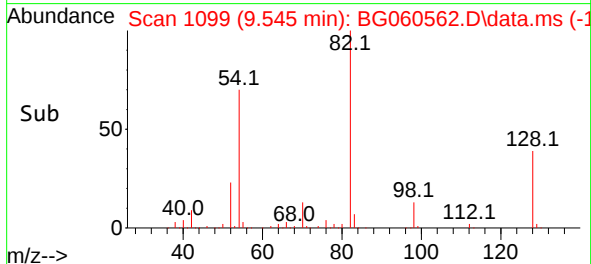
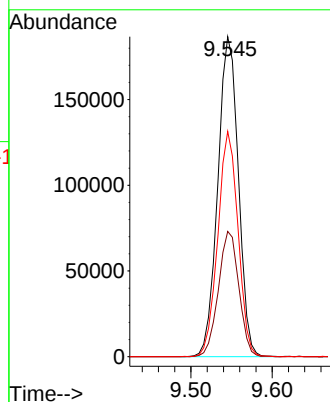
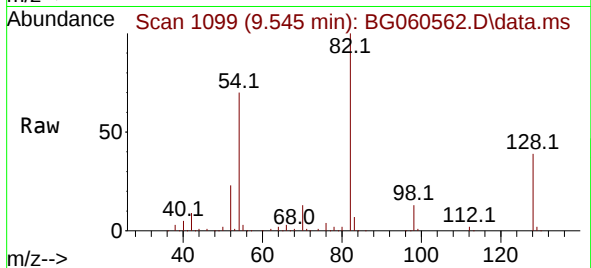
Tgt Ion: 82 Resp: 328683

Ion Ratio Lower Upper

82 100

128 39.1 32.3 48.5

54 70.4 56.4 84.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.980 min Scan# 2024

Delta R.T. -0.005 min

Lab File: BG060562.D

Acq: 6 Feb 2024 20:38

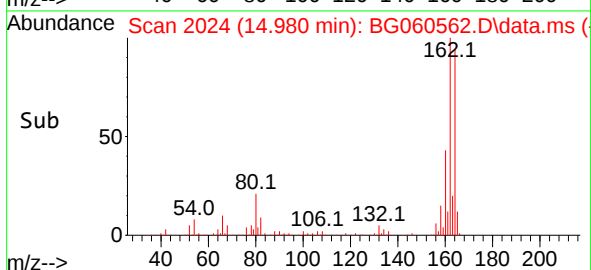
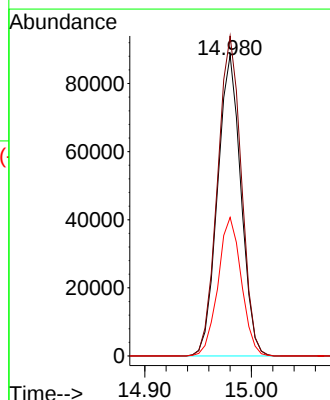
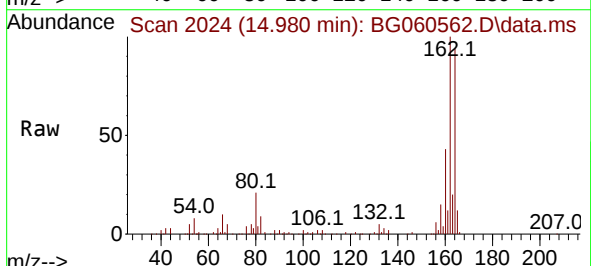
Tgt Ion:164 Resp: 134335

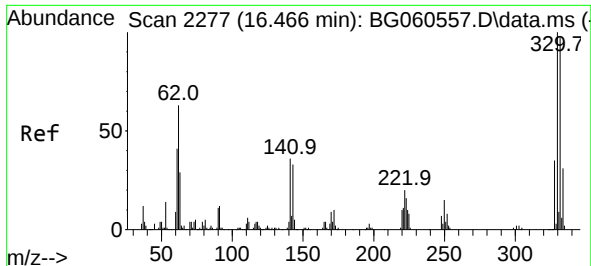
Ion Ratio Lower Upper

164 100

162 106.4 84.2 126.2

160 46.1 37.2 55.8

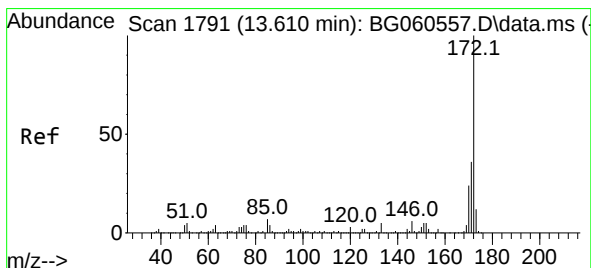
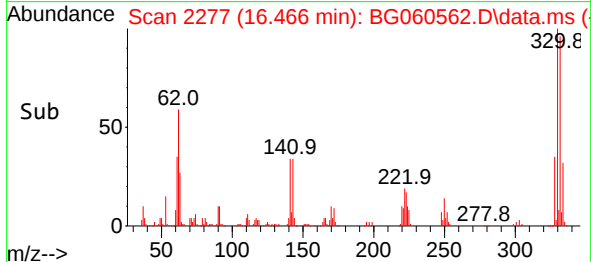
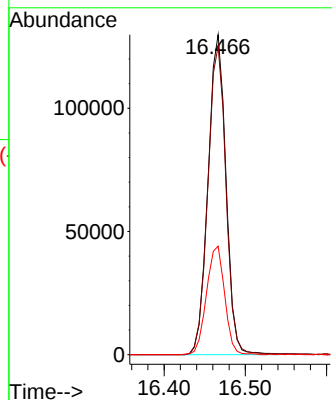
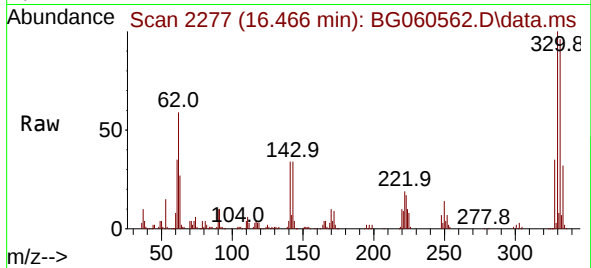




#42
2,4,6-Tribromophenol
Concen: 126.338 ng
RT: 16.466 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060562.D
Acq: 6 Feb 2024 20:38

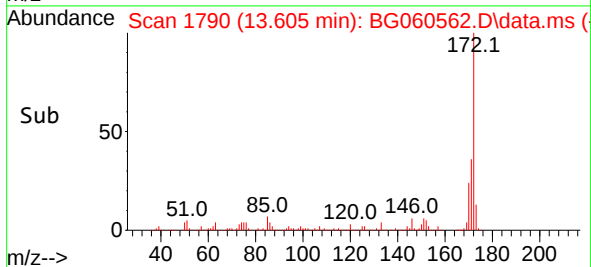
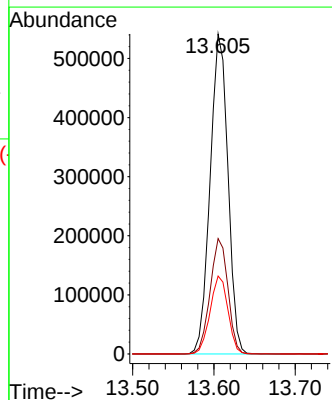
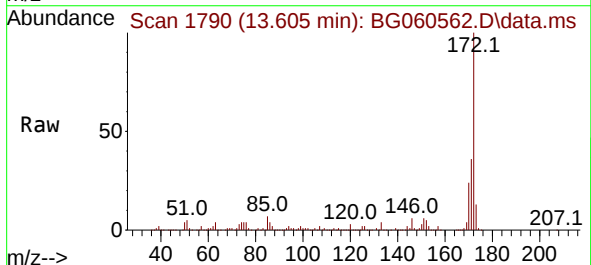
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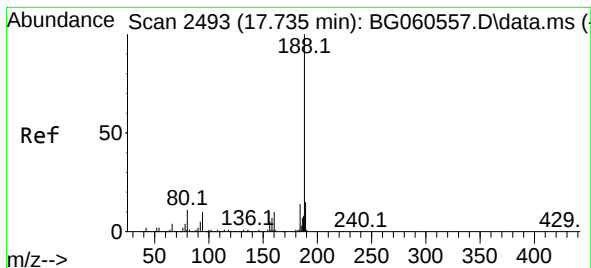
Tgt Ion:330 Resp: 198933
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 34.4 27.4 41.0



#45
2-Fluorobiphenyl
Concen: 82.322 ng
RT: 13.605 min Scan# 1790
Delta R.T. -0.005 min
Lab File: BG060562.D
Acq: 6 Feb 2024 20:38

Tgt Ion:172 Resp: 823399
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.4 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.736 min Scan# 2493

Delta R.T. 0.001 min

Lab File: BG060562.D

Acq: 6 Feb 2024 20:38

Instrument :

BNA_G

ClientSampleId :

PB158836BL

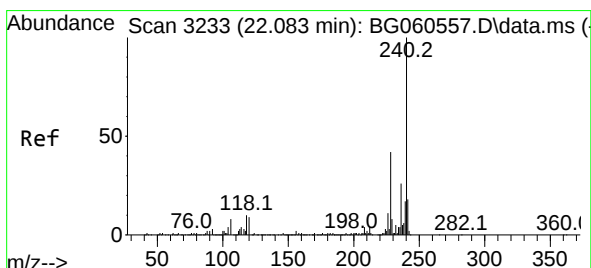
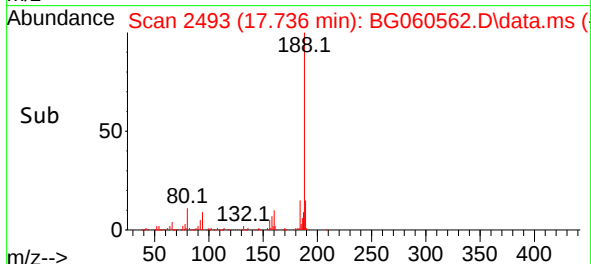
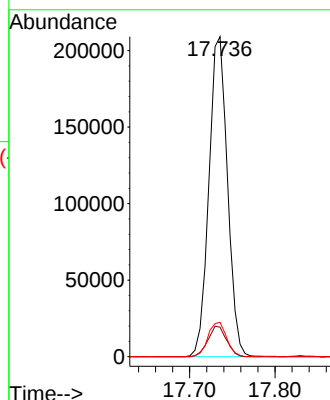
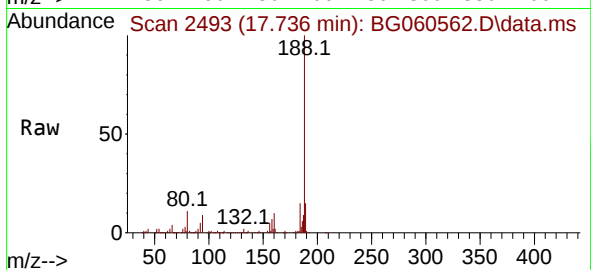
Tgt Ion:188 Resp: 316095

Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.6

80 10.8 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.078 min Scan# 3232

Delta R.T. -0.005 min

Lab File: BG060562.D

Acq: 6 Feb 2024 20:38

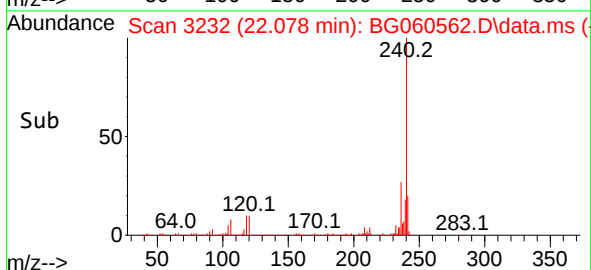
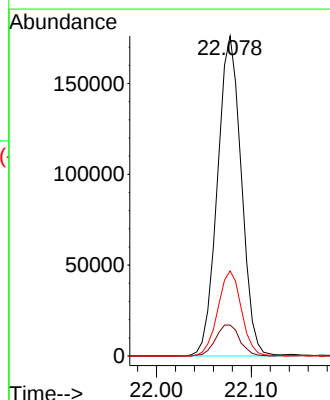
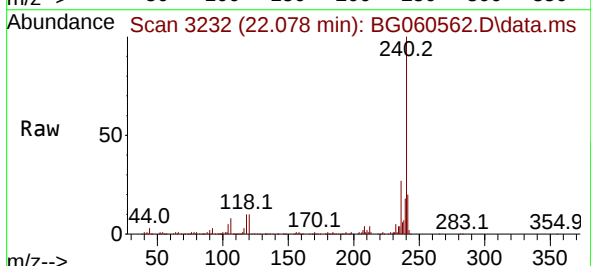
Tgt Ion:240 Resp: 308545

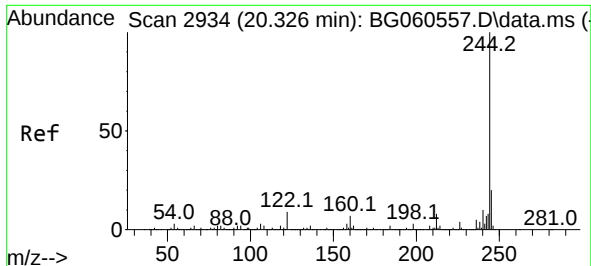
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.2

236 26.6 20.8 31.2

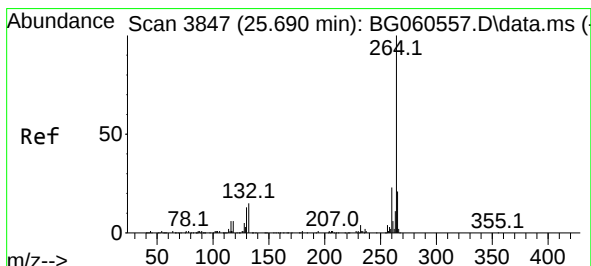
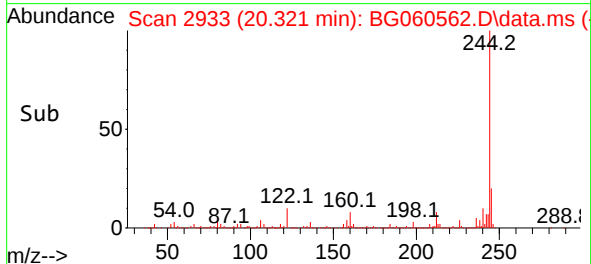
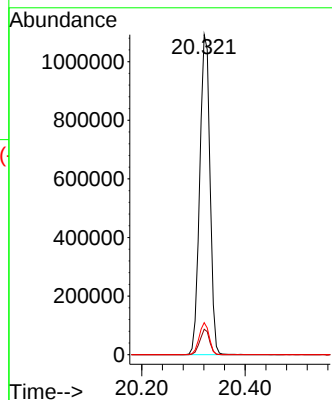
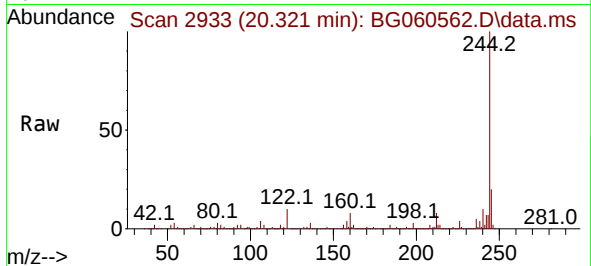




#79
 Terphenyl-d14
 Concen: 83.071 ng
 RT: 20.321 min Scan# 2933
 Delta R.T. -0.005 min
 Lab File: BG060562.D
 Acq: 6 Feb 2024 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB158836BL

Tgt Ion:244 Resp: 1499229
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.0 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.685 min Scan# 3846
 Delta R.T. -0.005 min
 Lab File: BG060562.D
 Acq: 6 Feb 2024 20:38

Tgt Ion:264 Resp: 342580
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 22.6 16.6 24.8

