

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060537.D
Acq On : 1 Feb 2024 17:38
Operator : MA/JU
Sample : PB158757BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB158757BL

Quant Time: Feb 02 00:40:42 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	7.922	152	128410	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	492162	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	372093	20.000	ng	-0.01
64) Phenanthrene-d10	17.306	188	1059145	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1071735	20.000	ng	0.00
86) Perylene-d12	24.732	264	1221622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	993945	127.313	ng	0.00
7) Phenol-d6	7.088	99	1395894	120.747	ng	0.00
23) Nitrobenzene-d5	9.080	82	876570	84.102	ng	-0.01
42) 2,4,6-Tribromophenol	16.048	330	825552	150.798	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2302152	86.019	ng	0.00
79) Terphenyl-d14	19.926	244	4360244	120.496	ng	0.00

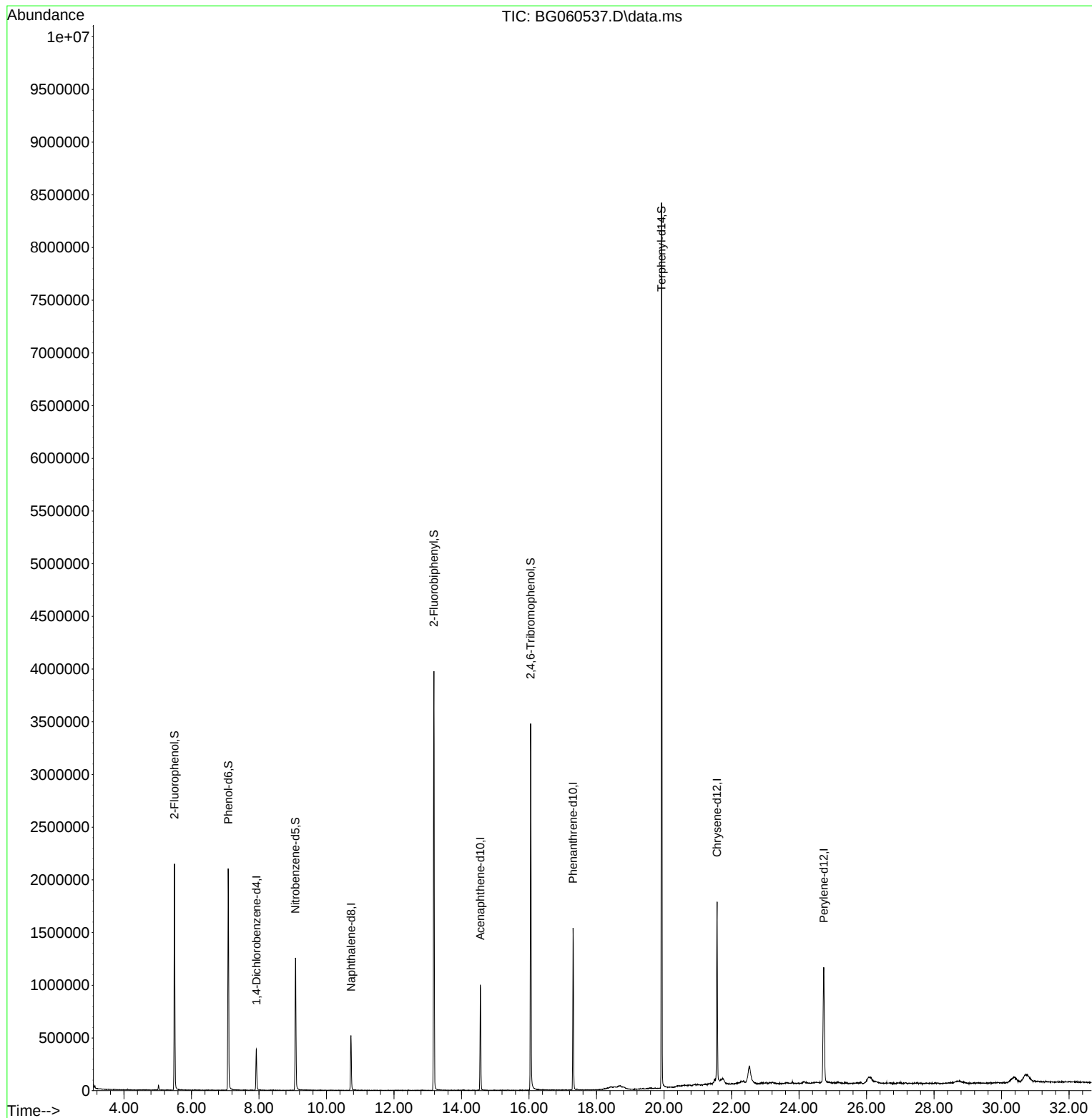
Target Compounds	Qvalue

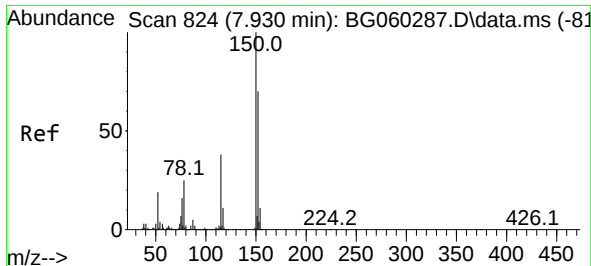
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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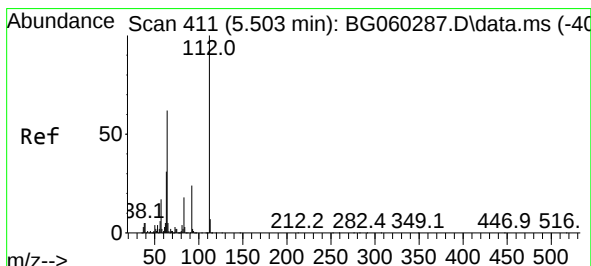
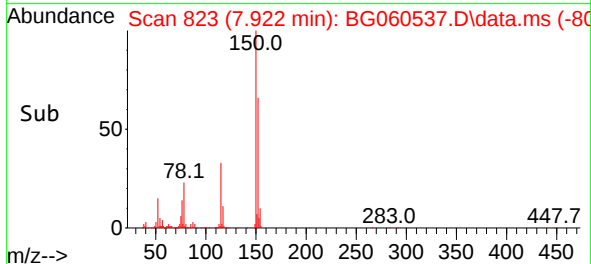
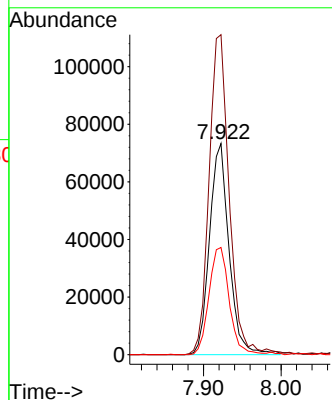
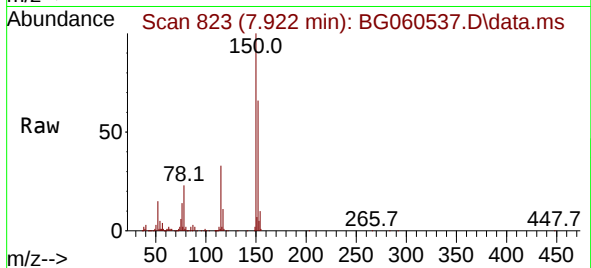




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

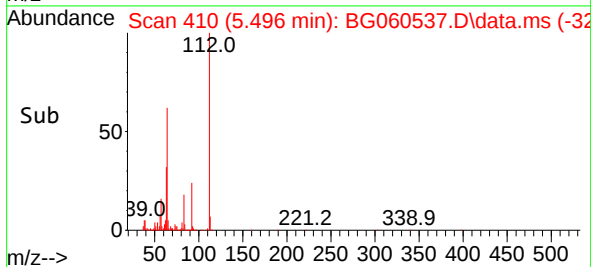
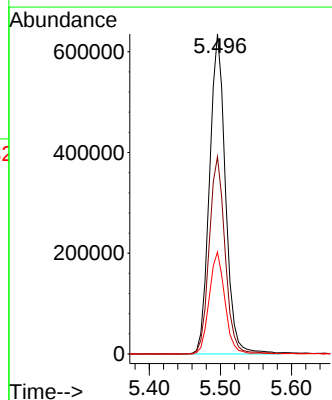
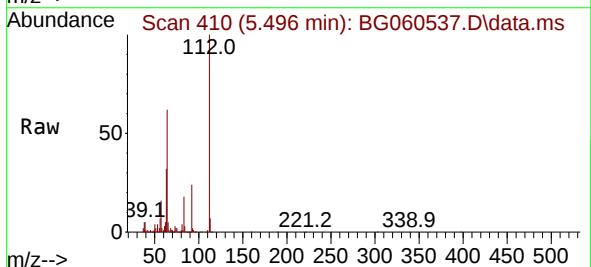
Instrument :
BNA_G
ClientSampleId :
PB158757BL

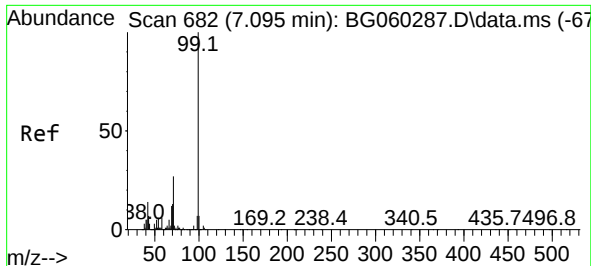
Tgt Ion:152 Resp: 128410
Ion Ratio Lower Upper
152 100
150 151.5 114.5 171.7
115 50.7 43.0 64.6



#5
2-Fluorophenol
Concen: 127.313 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.007 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

Tgt Ion:112 Resp: 993945
Ion Ratio Lower Upper
112 100
64 61.6 49.8 74.6
63 31.8 24.4 36.6



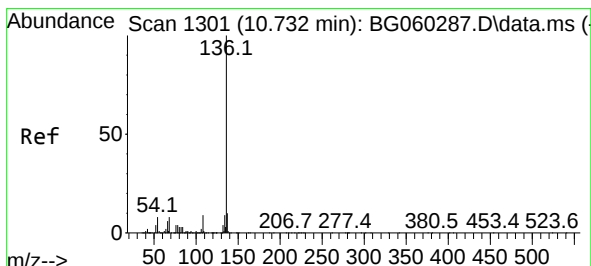
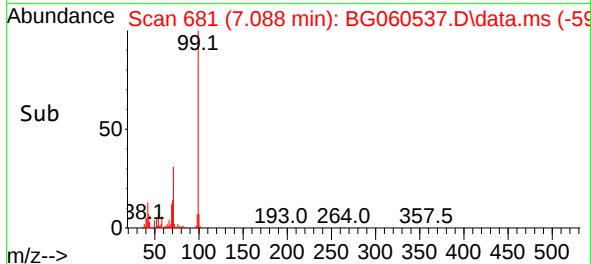
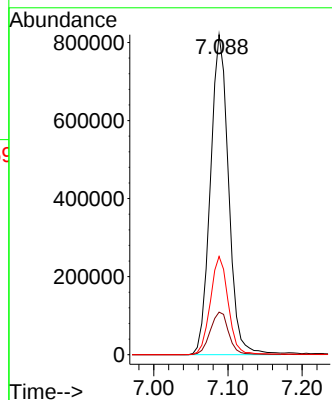
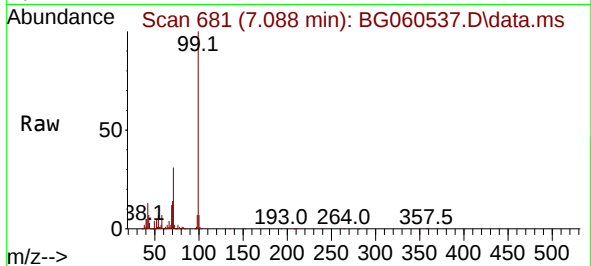


#7
Phenol-d6
Concen: 120.747 ng
RT: 7.088 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

Instrument :
BNA_G
ClientSampleId :
PB158757BL

Tgt Ion: 99 Resp: 1395894

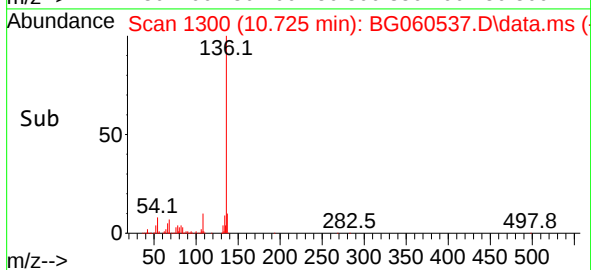
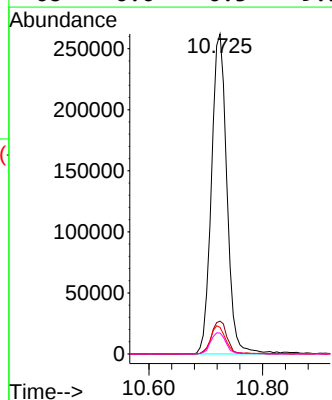
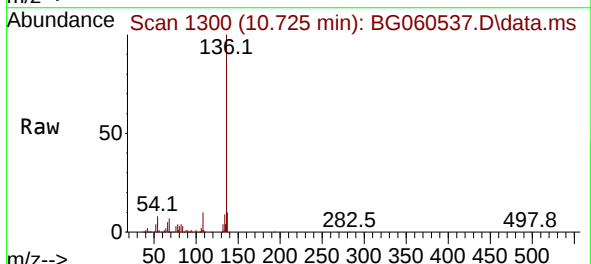
Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.9	16.3
71	30.7	21.5	32.3

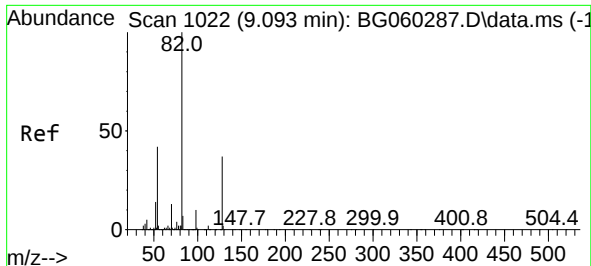


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1300
Delta R.T. -0.007 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

Tgt Ion: 136 Resp: 492162

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.4
54	8.3	6.2	9.2
68	6.6	6.3	9.5





#23

Nitrobenzene-d5

Concen: 84.102 ng

RT: 9.080 min Scan# 1020

Delta R.T. -0.013 min

Lab File: BG060537.D

Acq: 1 Feb 2024 17:38

Instrument :

BNA_G

ClientSampleId :

PB158757BL

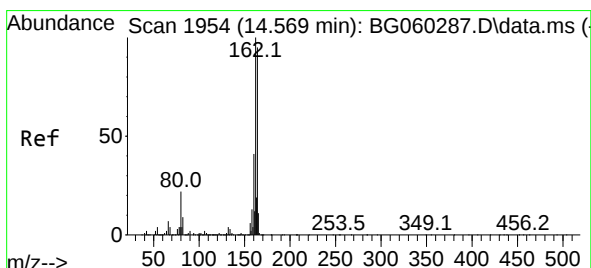
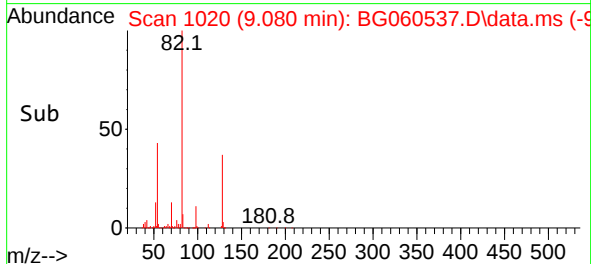
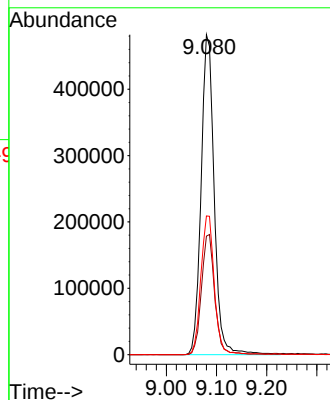
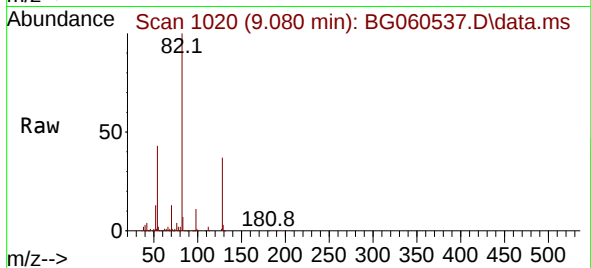
Tgt Ion: 82 Resp: 876570

Ion Ratio Lower Upper

82 100

128 37.1 29.6 44.4

54 43.4 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: BG060537.D

Acq: 1 Feb 2024 17:38

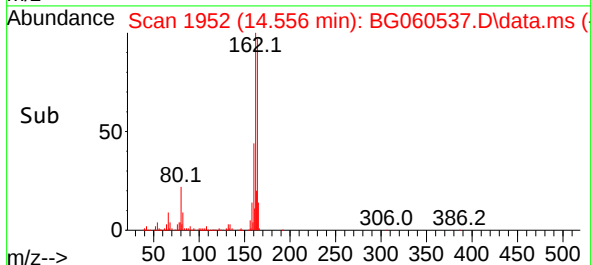
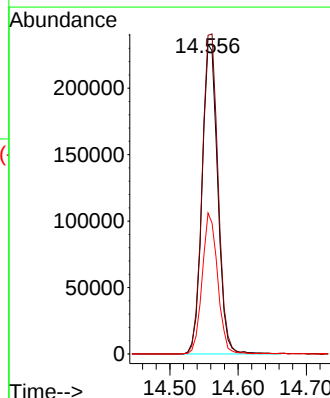
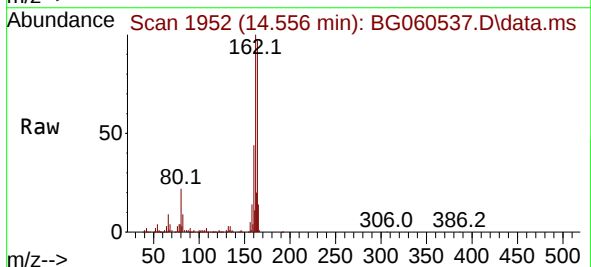
Tgt Ion:164 Resp: 372093

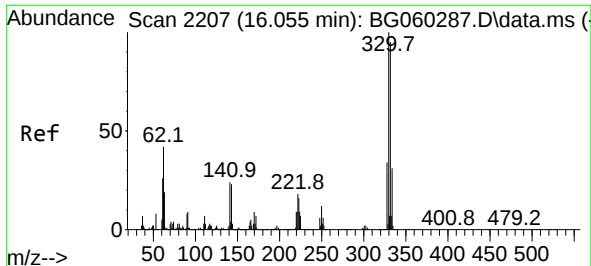
Ion Ratio Lower Upper

164 100

162 103.0 84.4 126.6

160 45.5 34.6 52.0

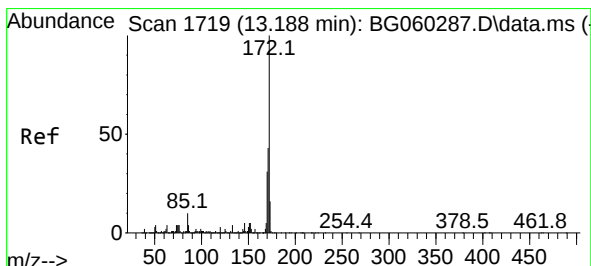
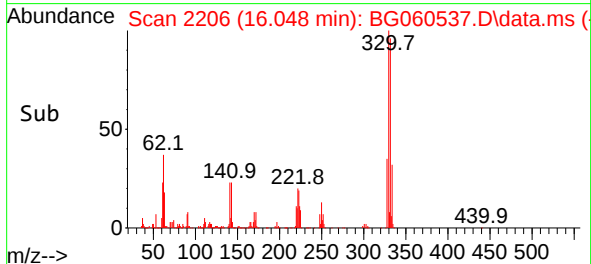
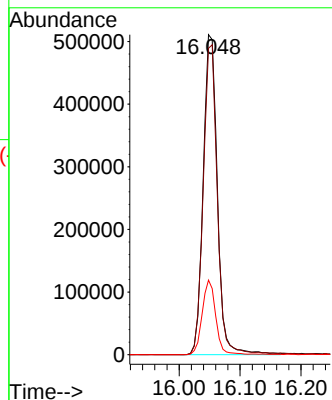
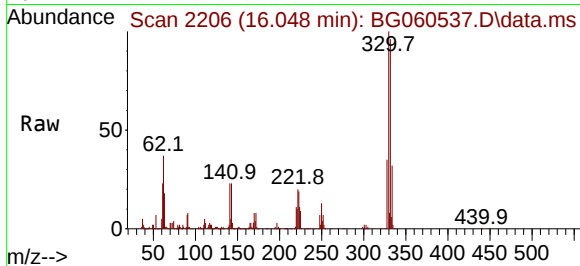




#42
2,4,6-Tribromophenol
Concen: 150.798 ng
RT: 16.048 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

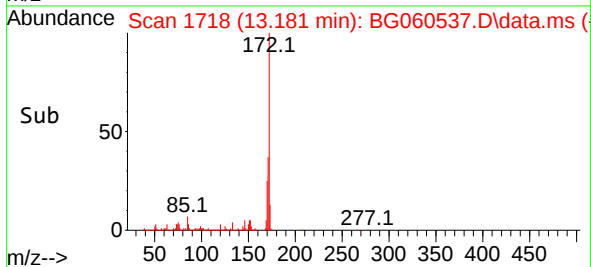
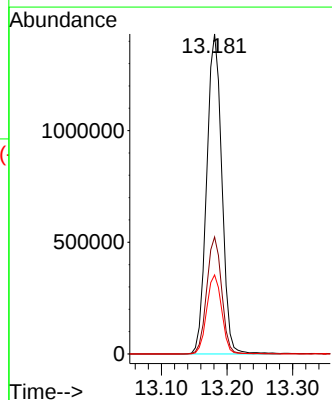
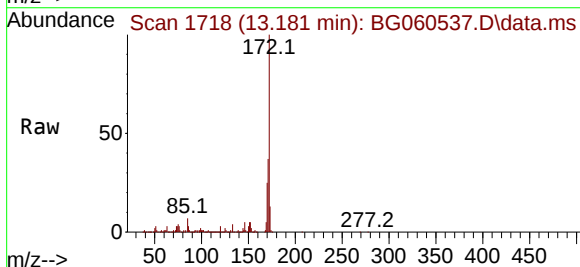
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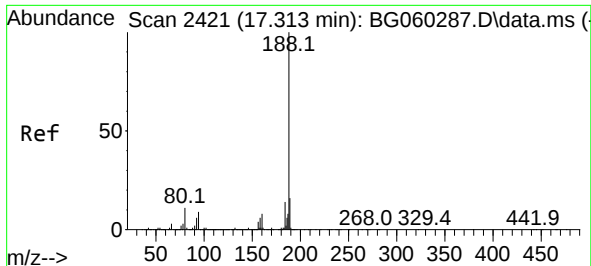
Tgt Ion:330 Resp: 825552
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 22.1 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 86.019 ng
RT: 13.181 min Scan# 1718
Delta R.T. -0.007 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

Tgt Ion:172 Resp: 2302152
Ion Ratio Lower Upper
172 100
171 36.6 34.6 51.8
170 24.7 24.4 36.6

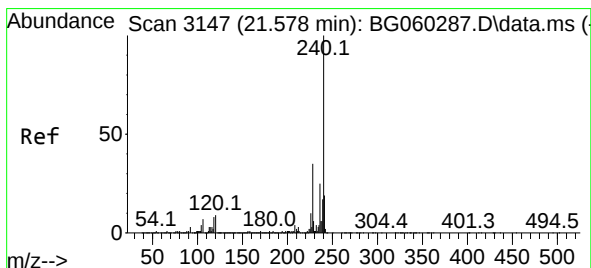
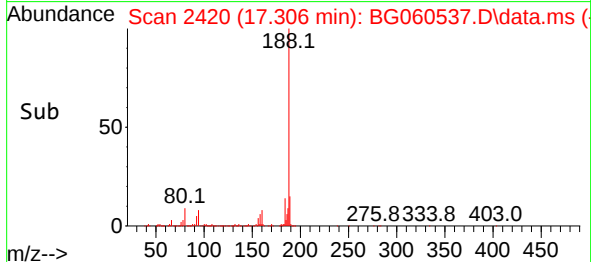
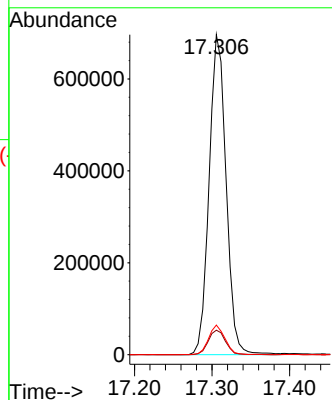
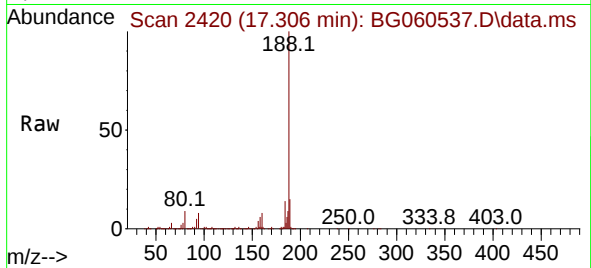




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2421
Delta R.T. -0.007 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

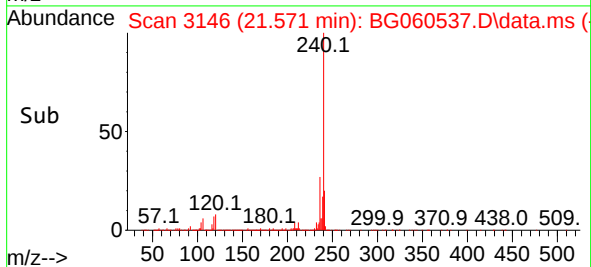
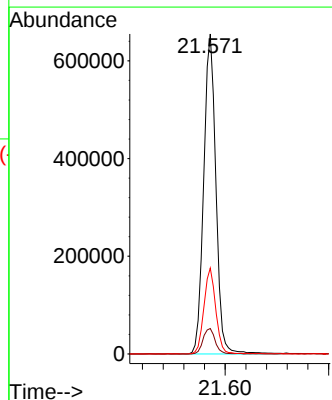
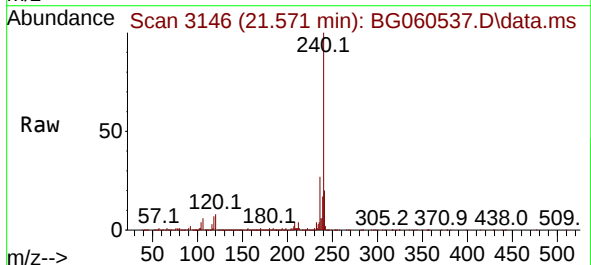
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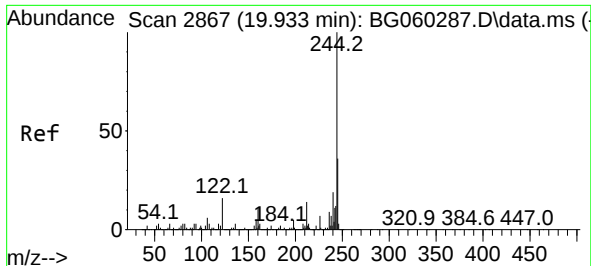
Tgt Ion:188 Resp: 1059145
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 9.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG060537.D
Acq: 1 Feb 2024 17:38

Tgt Ion:240 Resp: 1071735
Ion Ratio Lower Upper
240 100
120 8.0 7.3 10.9
236 26.9 20.3 30.5

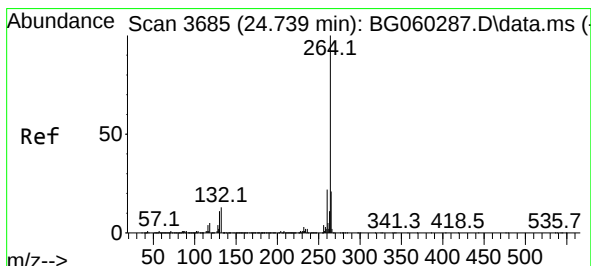
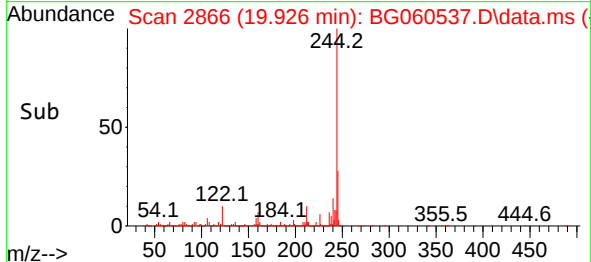
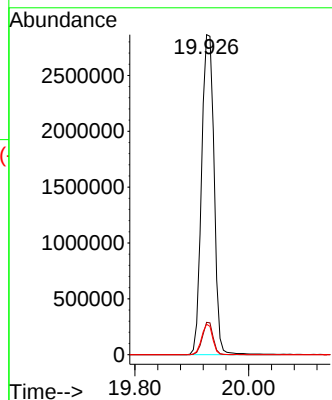
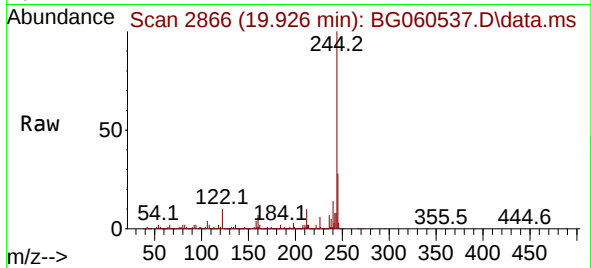




#79
 Terphenyl-d14
 Concen: 120.496 ng
 RT: 19.926 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060537.D
 Acq: 1 Feb 2024 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB158757BL

Tgt Ion:244 Resp: 4360244
 Ion Ratio Lower Upper
 244 100
 212 10.1 10.9 16.3#
 122 9.5 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: BG060537.D
 Acq: 1 Feb 2024 17:38

Tgt Ion:264 Resp: 1221622
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.8 26.6
 265 22.1 16.8 25.2

