

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
 Data File : BG060295.D
 Acq On : 10 Jan 2024 10:47
 Operator : MA/JU
 Sample : PB158316BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158316BL

Quant Time: Jan 10 11:35:25 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	7.934	152	271165	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	1021291	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	783845	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	2038251	20.000	ng	0.00
76) Chrysene-d12	21.583	240	2038607	20.000	ng	0.00
86) Perylene-d12	24.756	264	2219512	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	2746259	166.578	ng	0.00
7) Phenol-d6	7.100	99	3375345	138.263	ng	0.00
23) Nitrobenzene-d5	9.098	82	2340183	108.200	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	1516252	131.475	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	4671981	82.868	ng	0.00
79) Terphenyl-d14	19.944	244	6626504	80.293	ng	0.01

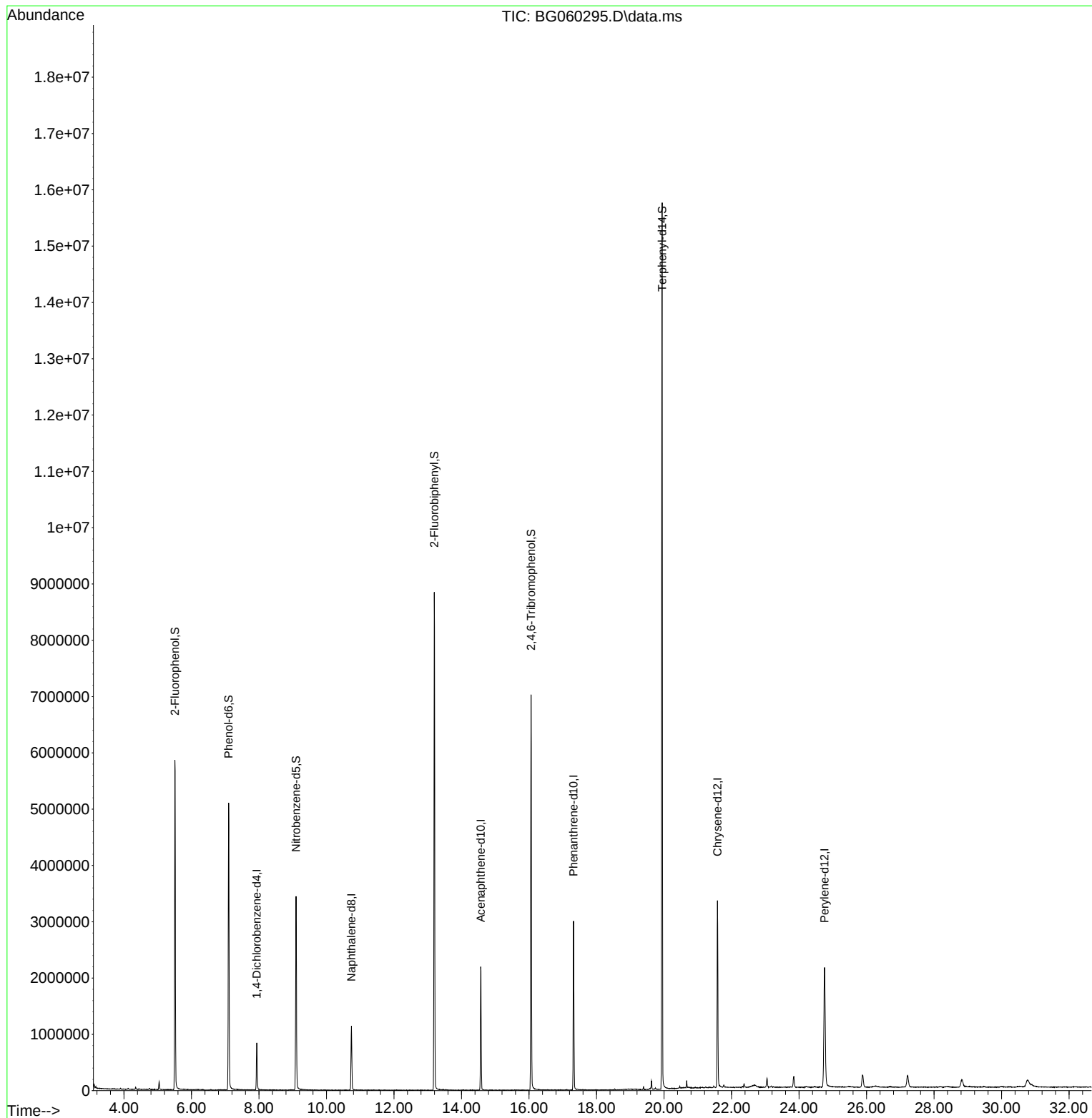
Target Compounds	Qvalue

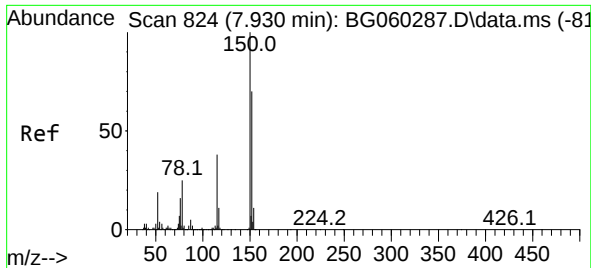
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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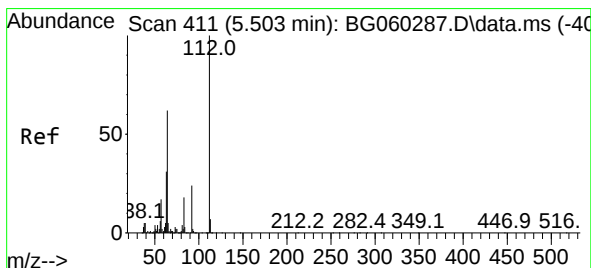
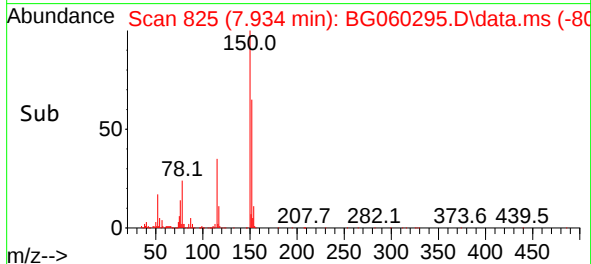
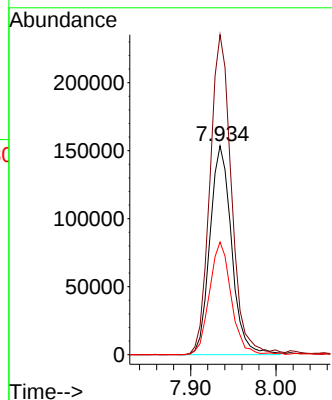
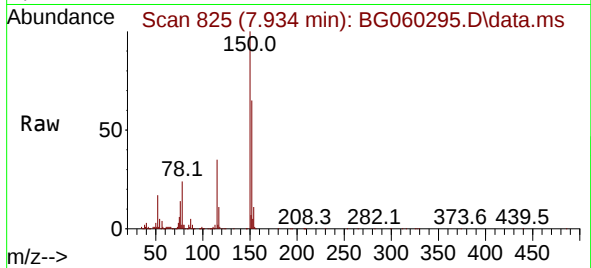




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG060295.D
Acq: 10 Jan 2024 10:47

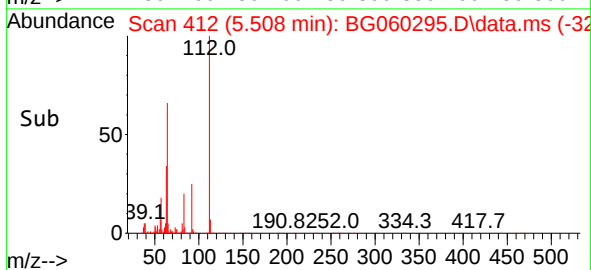
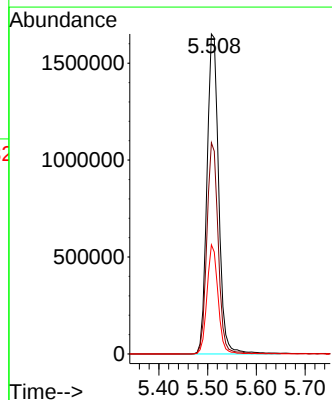
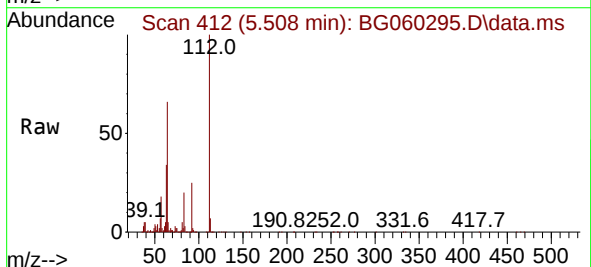
Instrument :
BNA_G
ClientSampleId :
PB158316BL

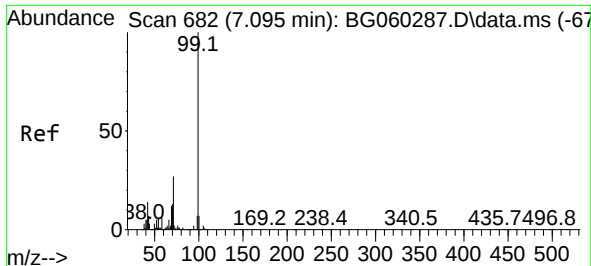
Tgt Ion:152 Resp: 271165
Ion Ratio Lower Upper
152 100
150 153.3 114.5 171.7
115 54.0 43.0 64.6



#5
2-Fluorophenol
Concen: 166.578 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG060295.D
Acq: 10 Jan 2024 10:47

Tgt Ion:112 Resp: 2746259
Ion Ratio Lower Upper
112 100
64 66.0 49.8 74.6
63 34.1 24.4 36.6

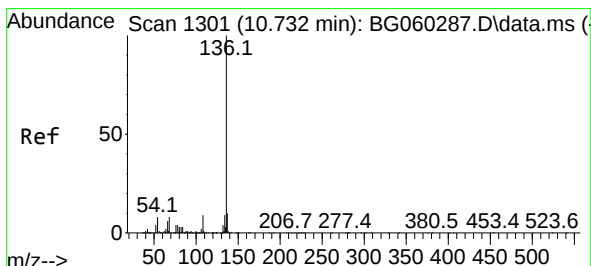
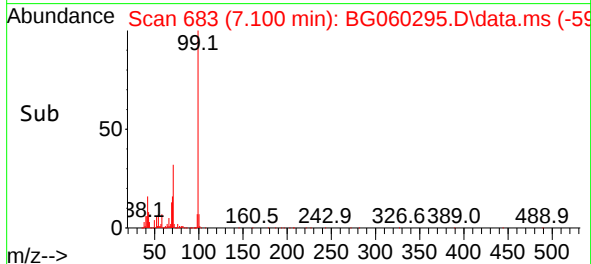
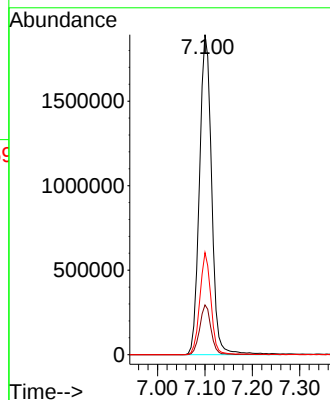
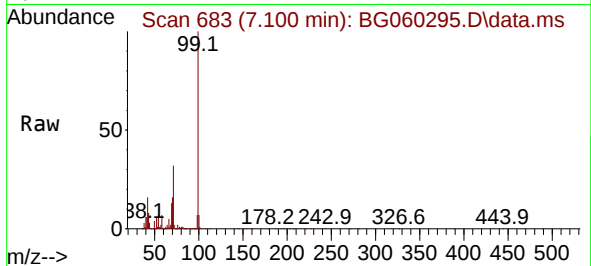




#7
Phenol-d6
Concen: 138.263 ng
RT: 7.100 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG060295.D
Acq: 10 Jan 2024 10:47

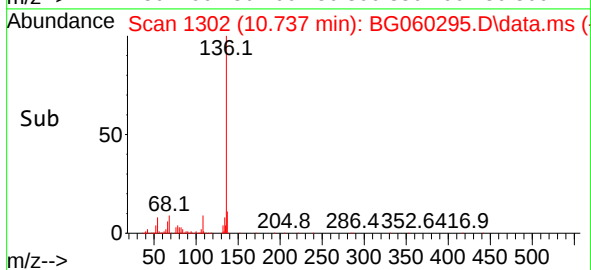
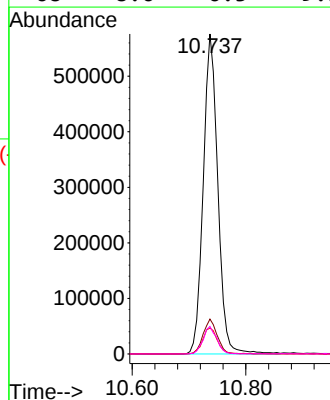
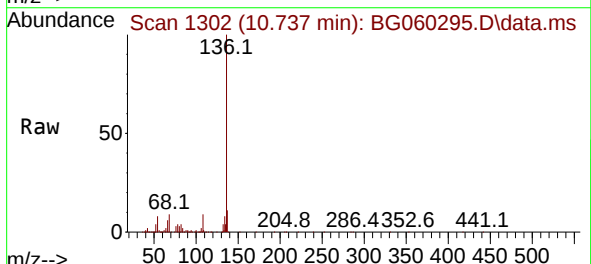
Instrument :
BNA_G
ClientSampleId :
PB158316BL

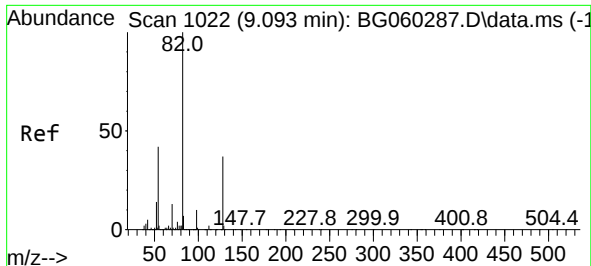
Tgt Ion: 99 Resp: 3375345
Ion Ratio Lower Upper
99 100
42 15.5 10.9 16.3
71 31.9 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1302
Delta R.T. 0.005 min
Lab File: BG060295.D
Acq: 10 Jan 2024 10:47

Tgt Ion: 136 Resp: 1021291
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 8.1 6.2 9.2
68 8.6 6.3 9.5

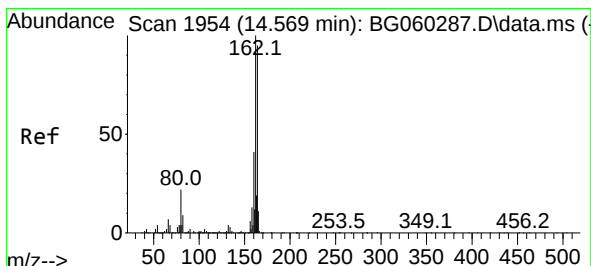
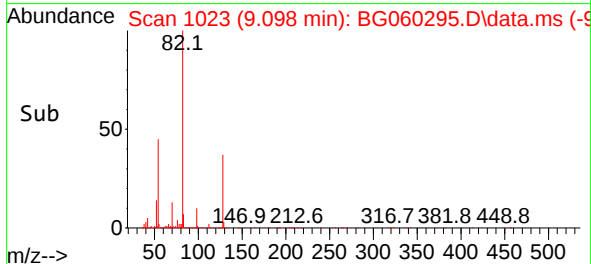
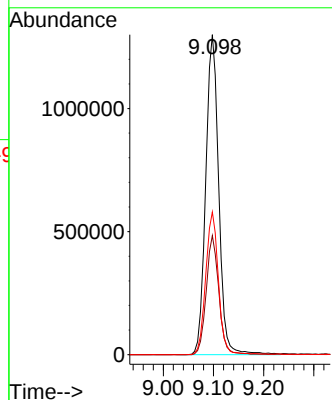
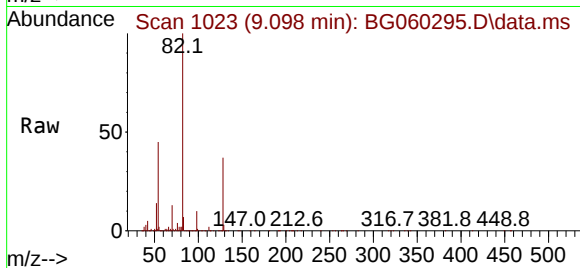




#23
Nitrobenzene-d5
Concen: 108.200 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.005 min
Lab File: BG060295.D
Acq: 10 Jan 2024 10:47

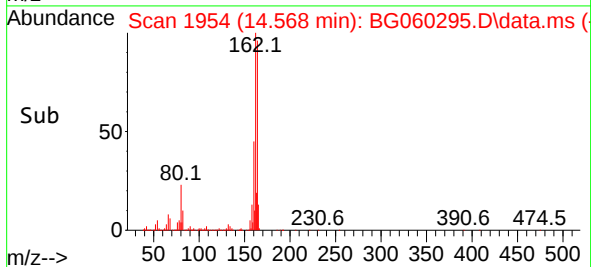
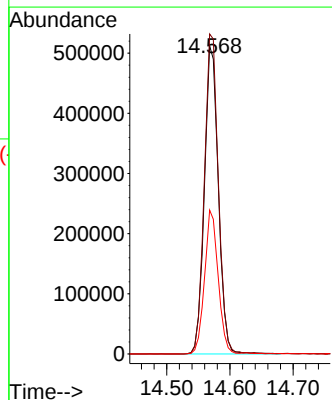
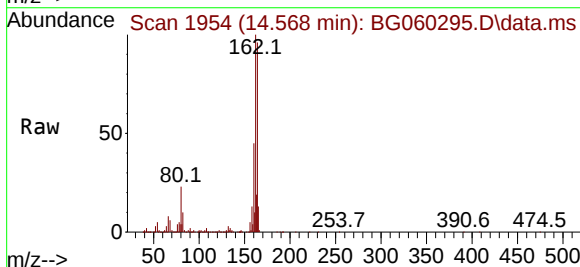
Instrument :
BNA_G
ClientSampleId :
PB158316BL

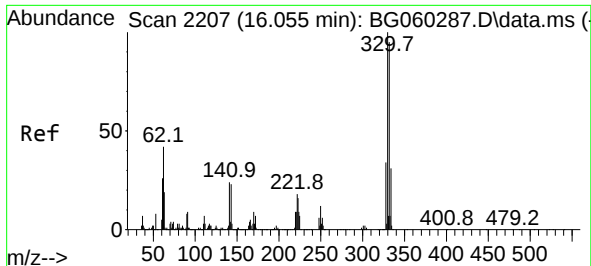
Tgt Ion: 82 Resp: 2340183
Ion Ratio Lower Upper
82 100
128 37.2 29.6 44.4
54 44.6 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060295.D
Acq: 10 Jan 2024 10:47

Tgt Ion: 164 Resp: 783845
Ion Ratio Lower Upper
164 100
162 103.9 84.4 126.6
160 46.7 34.6 52.0

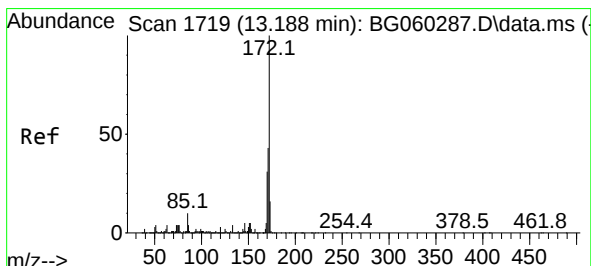
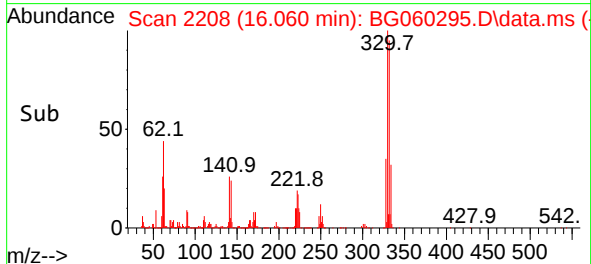
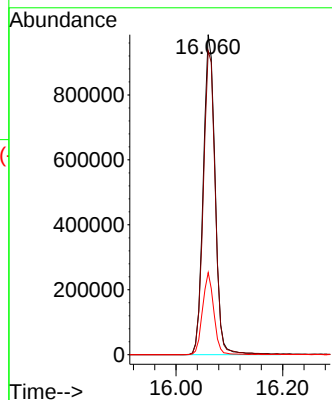
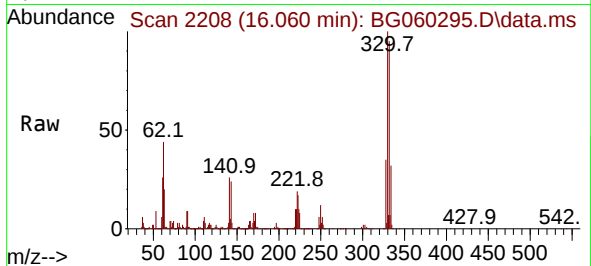




#42
2,4,6-Tribromophenol
Concen: 131.475 ng
RT: 16.060 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060295.D
Acq: 10 Jan 2024 10:47

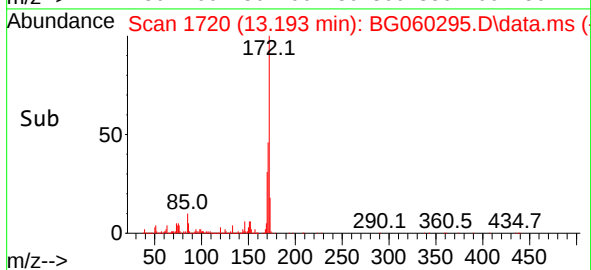
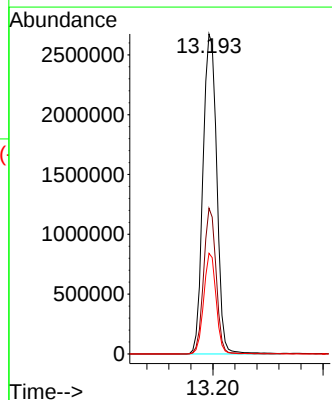
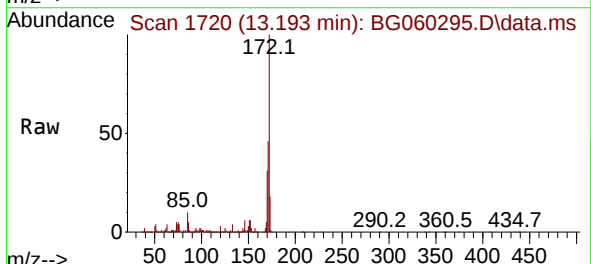
Instrument :
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ClientSampleId :
PB158316BL

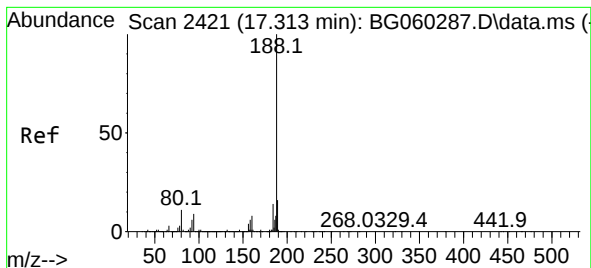
Tgt Ion:330 Resp: 1516252
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 24.4 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 82.868 ng
RT: 13.193 min Scan# 1720
Delta R.T. 0.005 min
Lab File: BG060295.D
Acq: 10 Jan 2024 10:47

Tgt Ion:172 Resp: 4671981
Ion Ratio Lower Upper
172 100
171 45.6 34.6 51.8
170 31.5 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.317 min Scan# 24

Delta R.T. 0.005 min

Lab File: BG060295.D

Acq: 10 Jan 2024 10:47

Instrument :

BNA_G

ClientSampleId :

PB158316BL

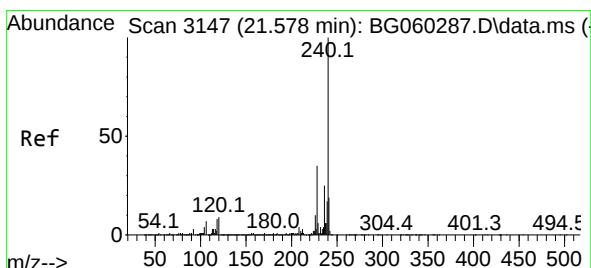
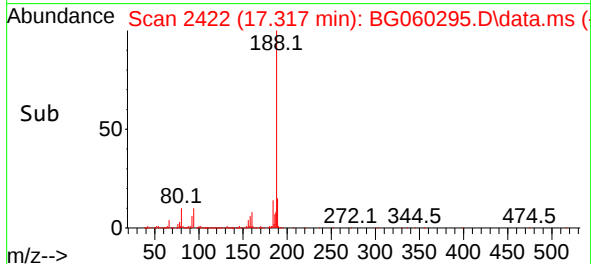
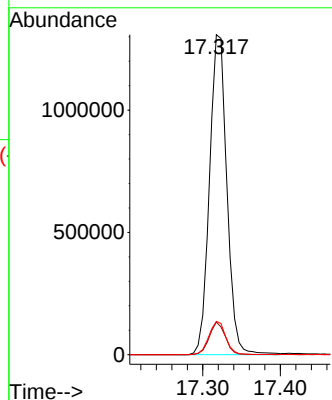
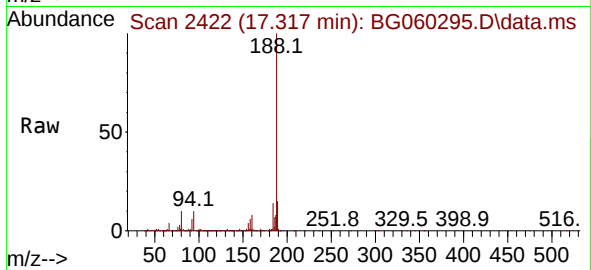
Tgt Ion:188 Resp: 2038251

Ion Ratio Lower Upper

188 100

94 10.2 7.1 10.7

80 10.4 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3148

Delta R.T. 0.005 min

Lab File: BG060295.D

Acq: 10 Jan 2024 10:47

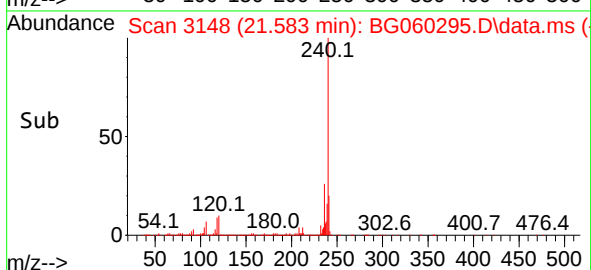
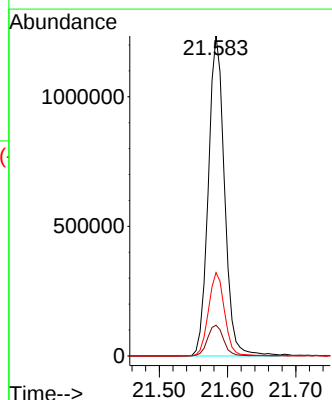
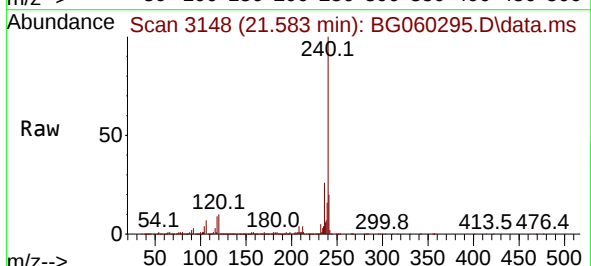
Tgt Ion:240 Resp: 2038607

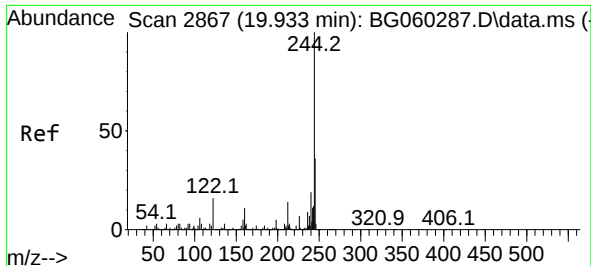
Ion Ratio Lower Upper

240 100

120 9.6 7.3 10.9

236 26.1 20.3 30.5

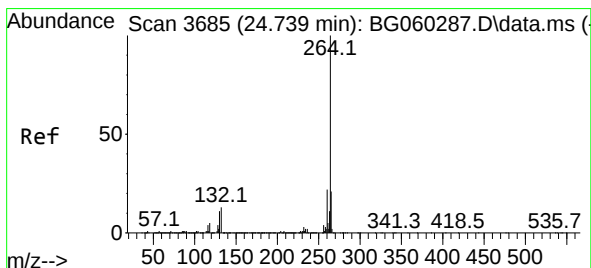
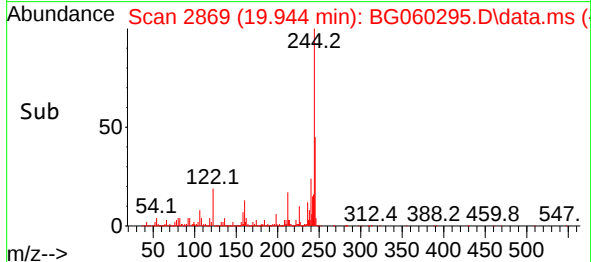
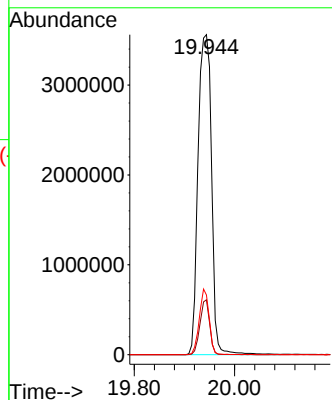
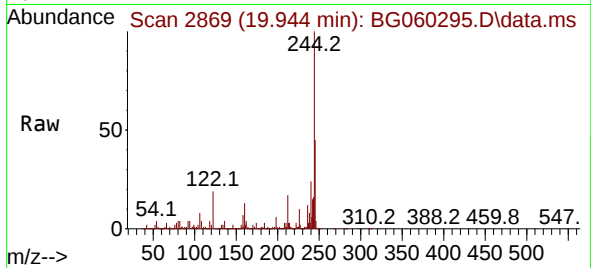




#79
 Terphenyl-d14
 Concen: 80.293 ng
 RT: 19.944 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BG060295.D
 Acq: 10 Jan 2024 10:47

Instrument :
 BNA_G
 ClientSampleId :
 PB158316BL

Tgt Ion:244 Resp: 6626504
 Ion Ratio Lower Upper
 244 100
 212 17.1 10.9 16.3#
 122 18.7 12.6 18.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.756 min Scan# 3688
 Delta R.T. 0.017 min
 Lab File: BG060295.D
 Acq: 10 Jan 2024 10:47

Tgt Ion:264 Resp: 2219512
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.8 26.6
 265 21.6 16.8 25.2

