

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060272.D
 Acq On : 5 Jan 2024 15:57
 Operator : MA/JU
 Sample : 05965-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0LS9

Quant Time: Jan 05 16:39:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	248498	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	918769	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	645862	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1611758	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1675225	20.000	ng	0.00
86) Perylene-d12	24.757	264	1929387	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	817737	49.668	ng	0.00
7) Phenol-d6	7.095	99	676506	27.674	ng	0.00
23) Nitrobenzene-d5	9.093	82	1796455	90.314	ng	-0.01
42) 2,4,6-Tribromophenol	16.061	330	1209044	139.846	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	3810930	84.804	ng	0.00
79) Terphenyl-d14	19.939	244	5451126	62.557	ng	0.00

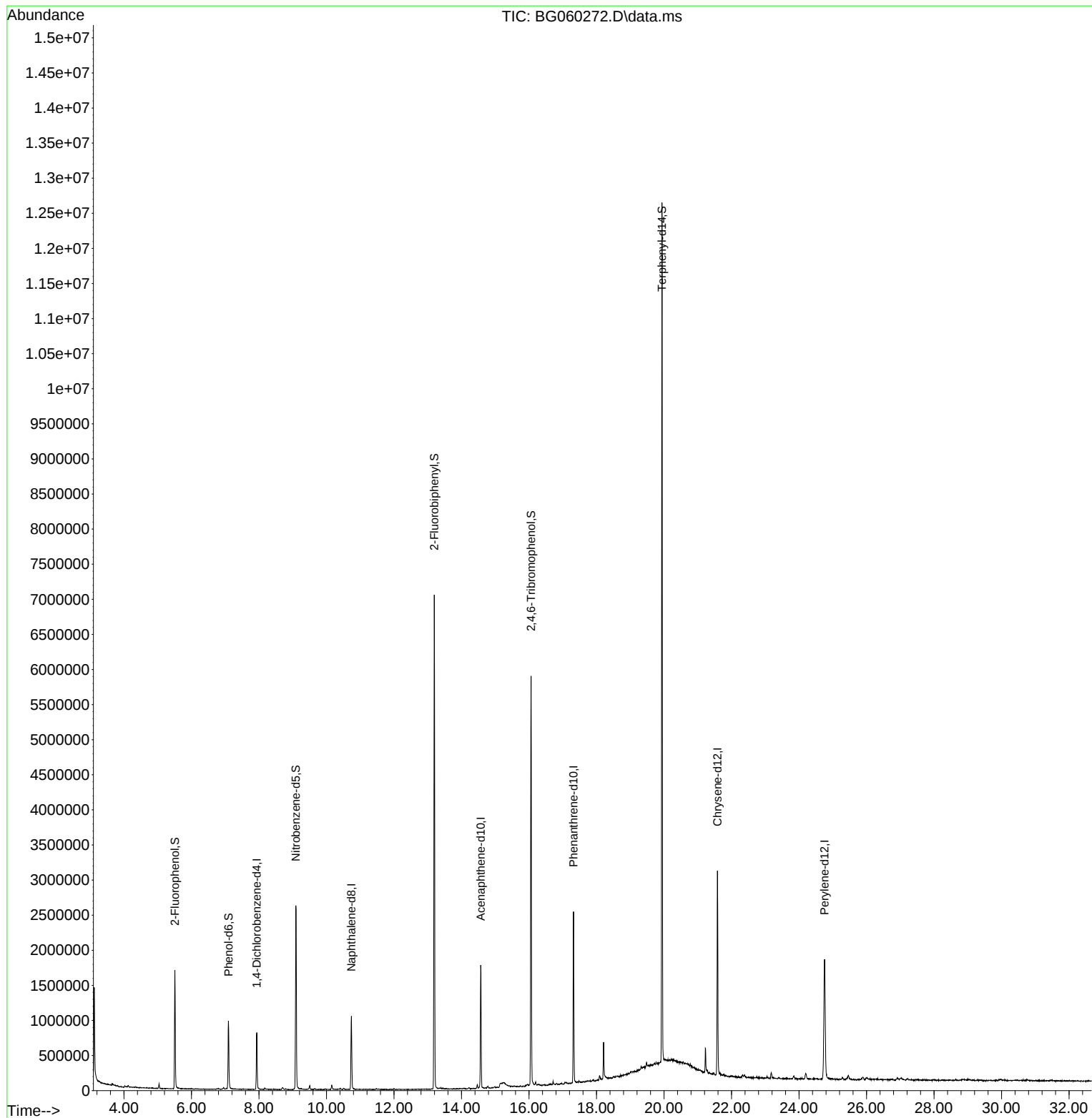
Target Compounds	Qvalue

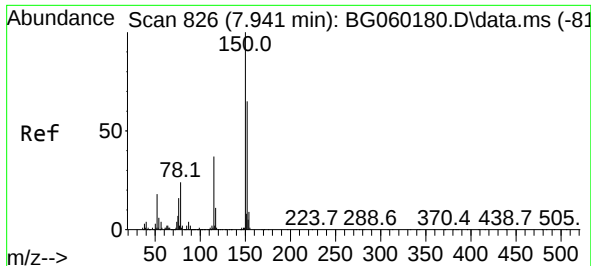
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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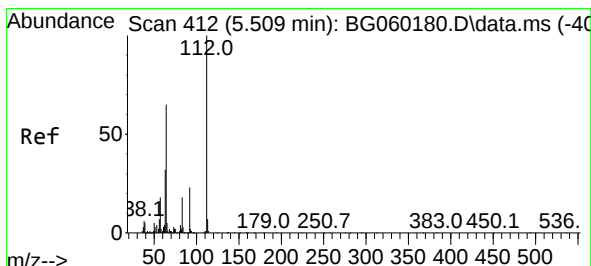
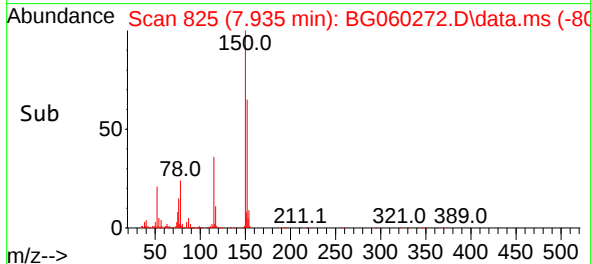
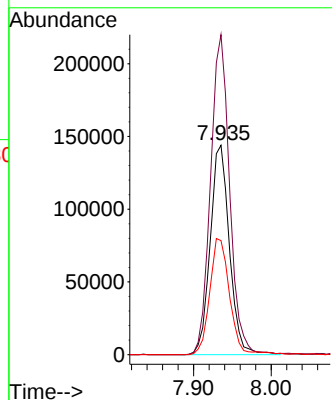
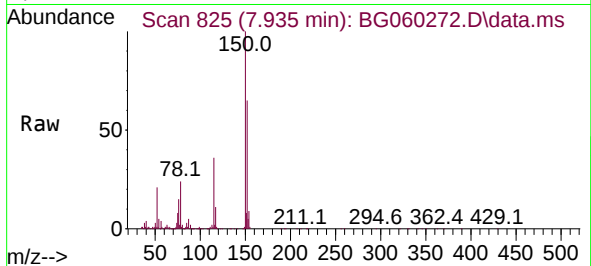




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

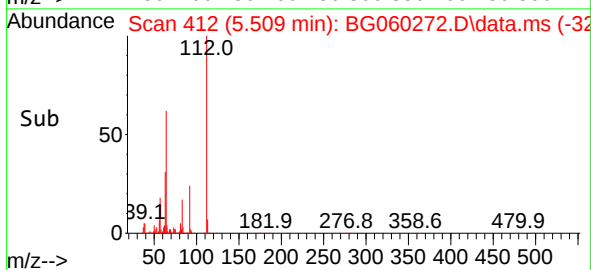
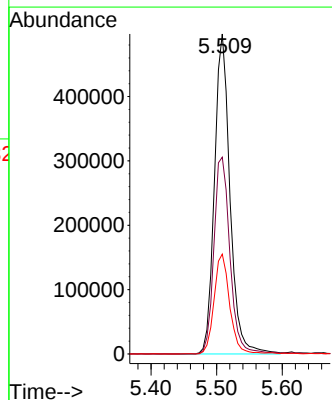
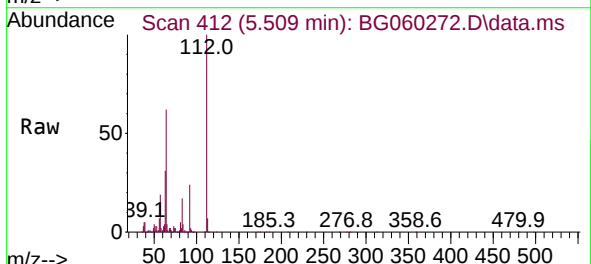
Instrument :
BNA_G
ClientSampleId :
COLS9

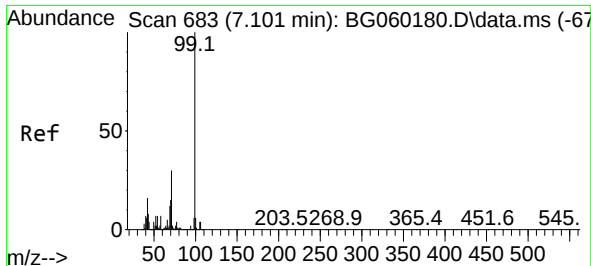
Tgt Ion:152 Resp: 248498
Ion Ratio Lower Upper
152 100
150 152.8 123.4 185.0
115 54.5 45.4 68.0



#5
2-Fluorophenol
Concen: 49.668 ng
RT: 5.509 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Tgt Ion:112 Resp: 817737
Ion Ratio Lower Upper
112 100
64 61.5 52.2 78.4
63 31.2 25.4 38.0

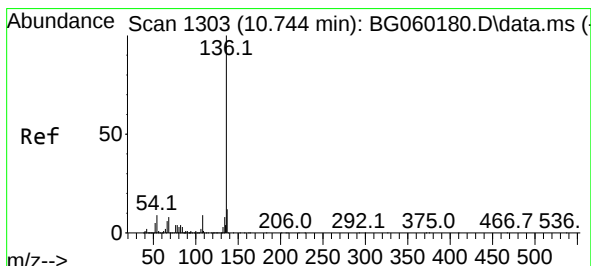
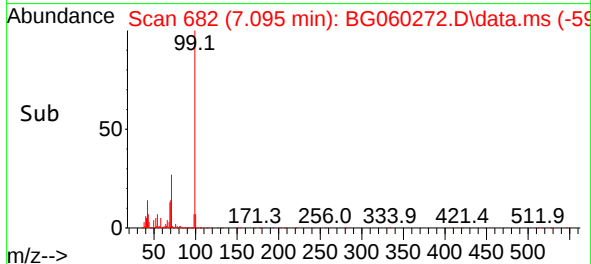
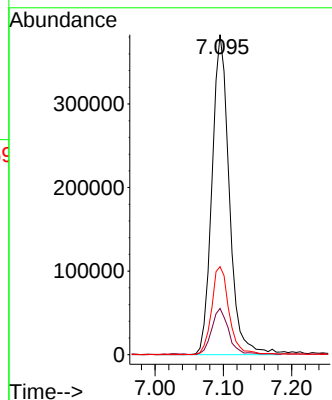
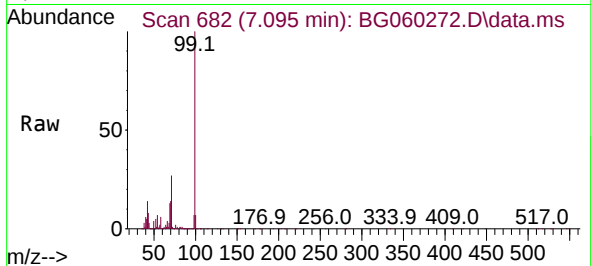




#7
Phenol-d6
Concen: 27.674 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

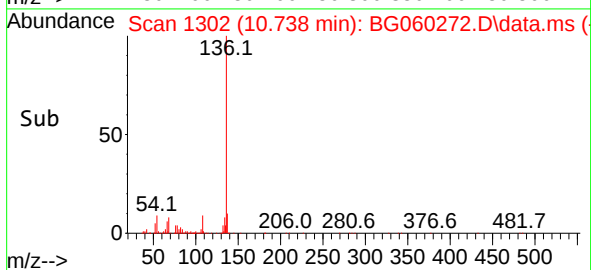
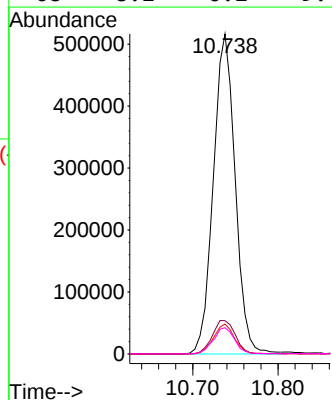
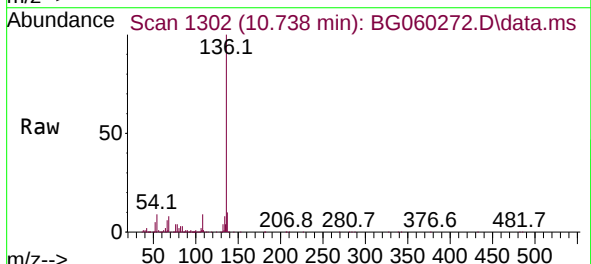
Instrument :
BNA_G
ClientSampleId :
COLS9

Tgt Ion: 99 Resp: 676506
Ion Ratio Lower Upper
99 100
42 14.5 12.5 18.7
71 27.5 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Tgt Ion: 136 Resp: 918769
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.0
54 9.3 7.4 11.2
68 8.2 6.2 9.4





#23

Nitrobenzene-d5

Concen: 90.314 ng

RT: 9.093 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BG060272.D

Acq: 5 Jan 2024 15:57

Instrument :

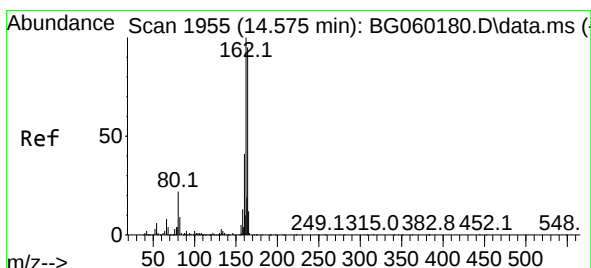
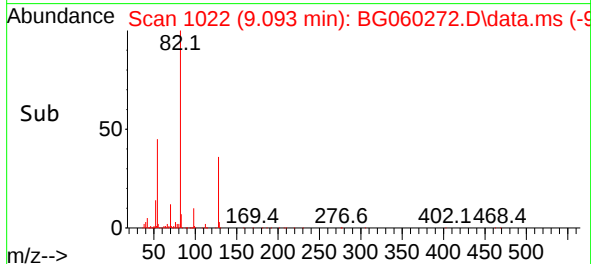
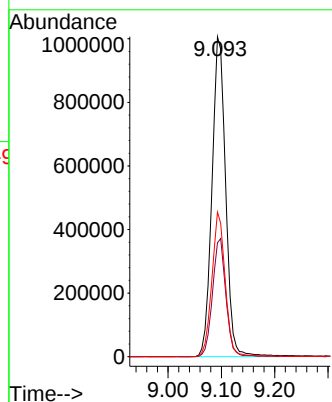
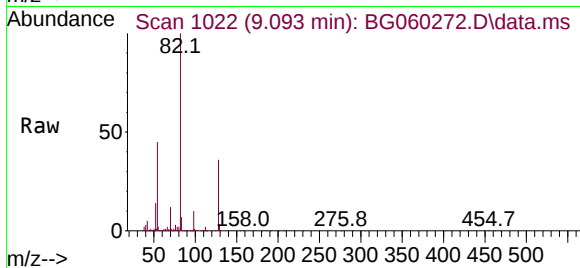
BNA_G

ClientSampleId :

C0LS9

Tgt Ion: 82 Resp: 1796455

Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.7	43.1
54	45.2	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1954

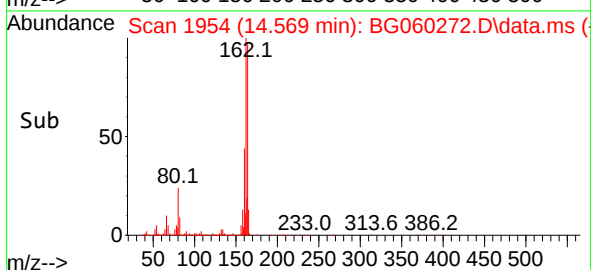
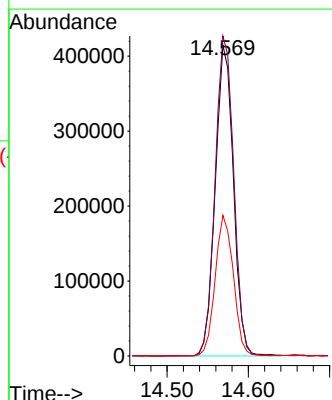
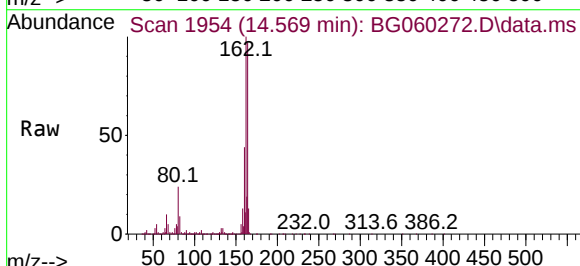
Delta R.T. -0.006 min

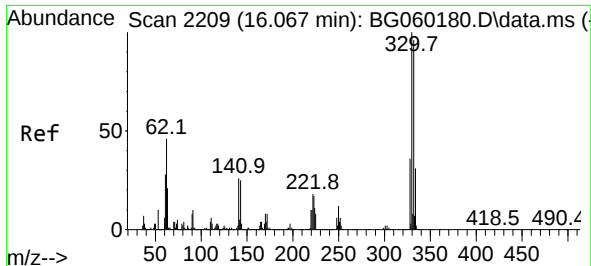
Lab File: BG060272.D

Acq: 5 Jan 2024 15:57

Tgt Ion:164 Resp: 645862

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.9	125.9
160	45.3	34.2	51.4

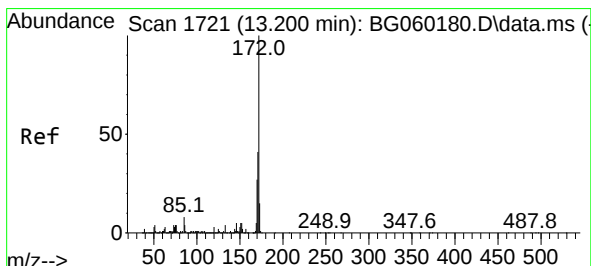
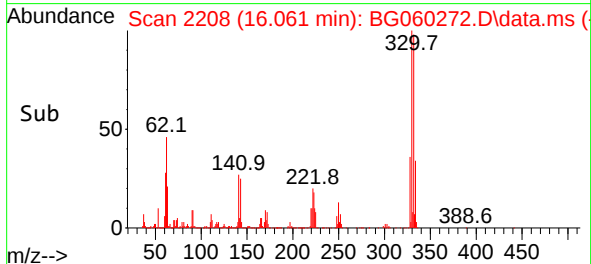
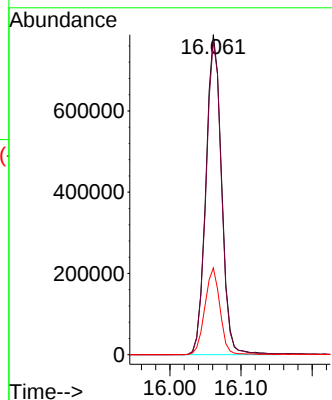
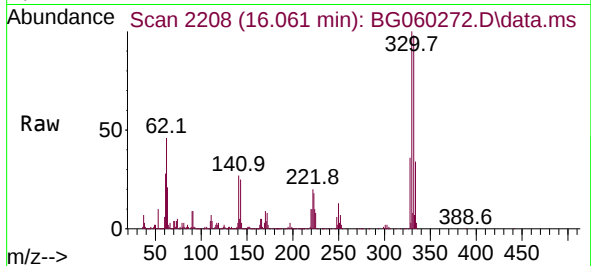




#42
2,4,6-Tribromophenol
Concen: 139.846 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

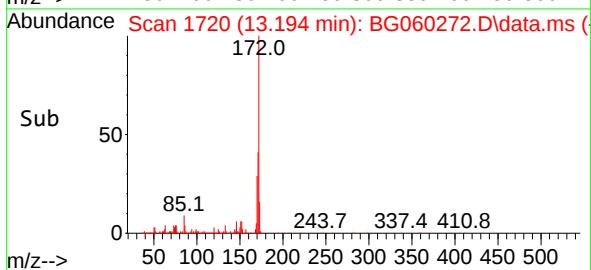
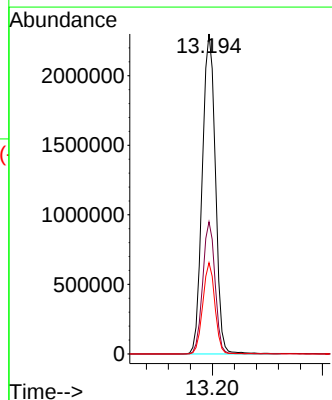
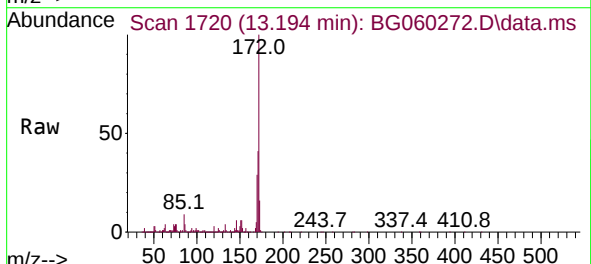
Instrument :
BNA_G
ClientSampleId :
COLS9

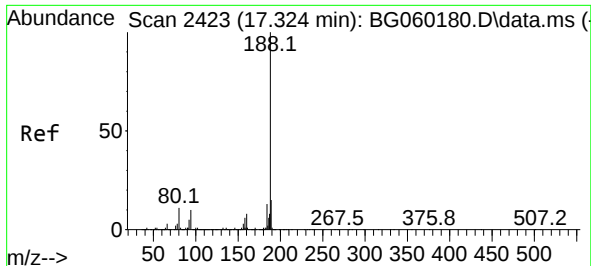
Tgt Ion:330 Resp: 1209044
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 26.2 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 84.804 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Tgt Ion:172 Resp: 3810930
Ion Ratio Lower Upper
172 100
171 41.3 32.6 48.8
170 28.5 21.8 32.6

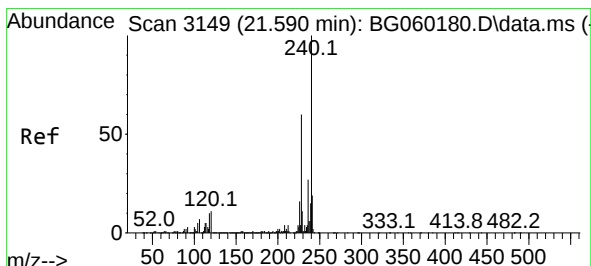
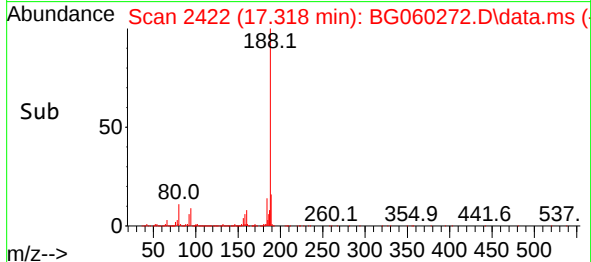
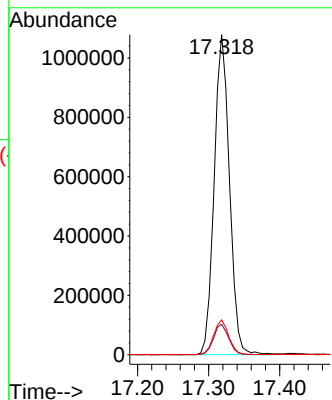
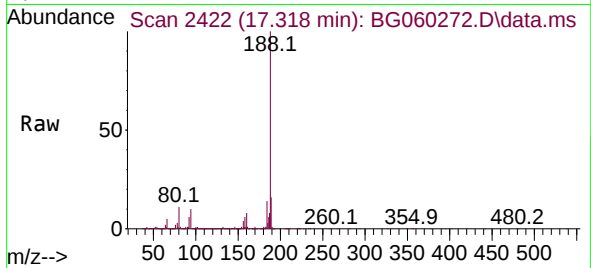




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

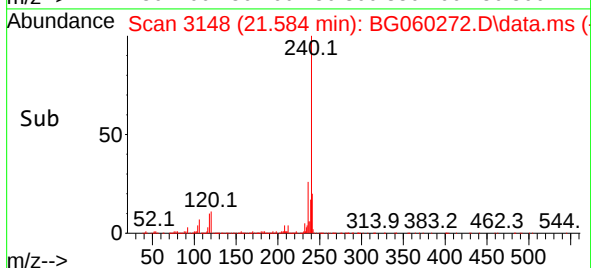
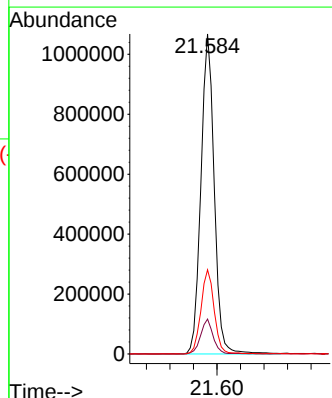
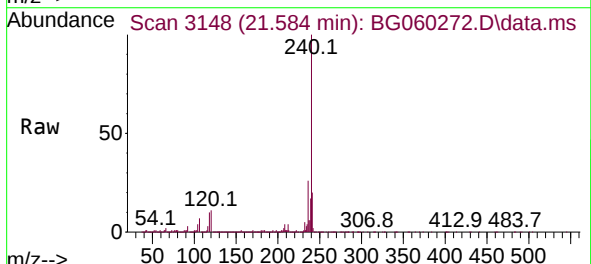
Instrument :
BNA_G
ClientSampleId :
COLS9

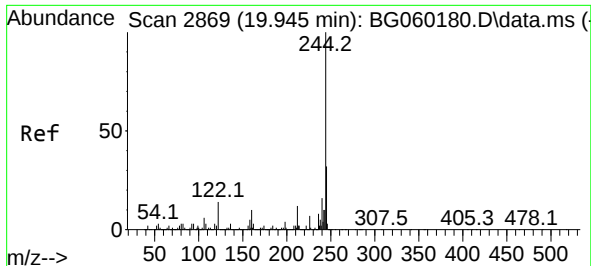
Tgt Ion:188 Resp: 1611758
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.9 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Tgt Ion:240 Resp: 1675225
Ion Ratio Lower Upper
240 100
120 10.9 8.5 12.7
236 26.3 21.4 32.2

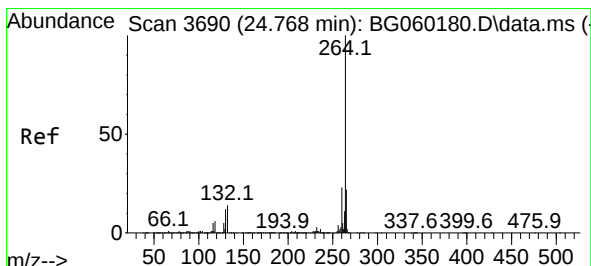
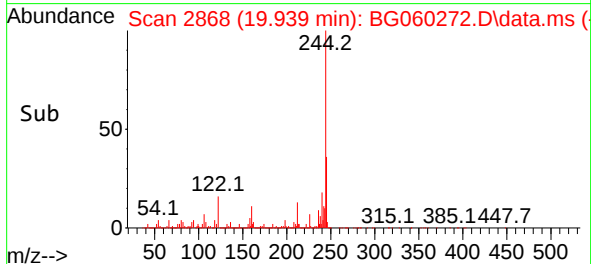
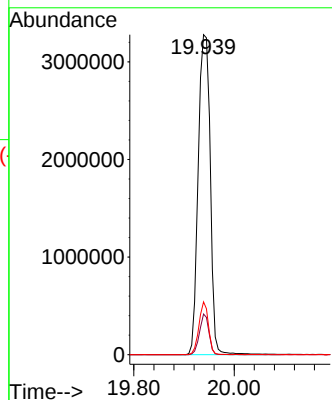
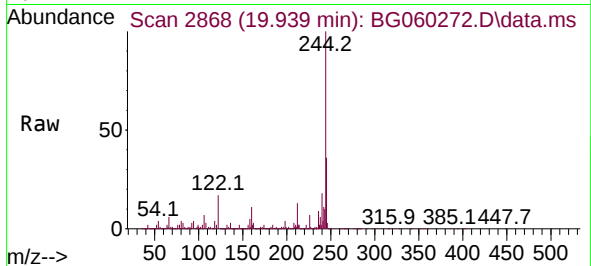




#79
 Terphenyl-d14
 Concen: 62.557 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060272.D
 Acq: 5 Jan 2024 15:57

Instrument :
 BNA_G
 ClientSampleId :
 COLS9

Tgt Ion:244 Resp: 5451126
 Ion Ratio Lower Upper
 244 100
 212 12.7 9.5 14.3
 122 16.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.757 min Scan# 3688
 Delta R.T. -0.012 min
 Lab File: BG060272.D
 Acq: 5 Jan 2024 15:57

Tgt Ion:264 Resp: 1929387
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.0 27.0
 265 23.2 17.4 26.0

