

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060274.D
 Acq On : 5 Jan 2024 17:17
 Operator : MA/JU
 Sample : 05967-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COLS7

Quant Time: Jan 06 00:44:05 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	7.936	152	237976	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	878211	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	598226	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	1546817	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1585344	20.000	ng	0.00
86) Perylene-d12	24.751	264	1836173	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	878915	55.744	ng	0.00
7) Phenol-d6	7.096	99	730418	31.201	ng	0.00
23) Nitrobenzene-d5	9.093	82	1825976	96.038	ng	-0.01
42) 2,4,6-Tribromophenol	16.062	330	1188407	148.405	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	3712586	89.194	ng	0.00
79) Terphenyl-d14	19.939	244	5614392	68.084	ng	0.00

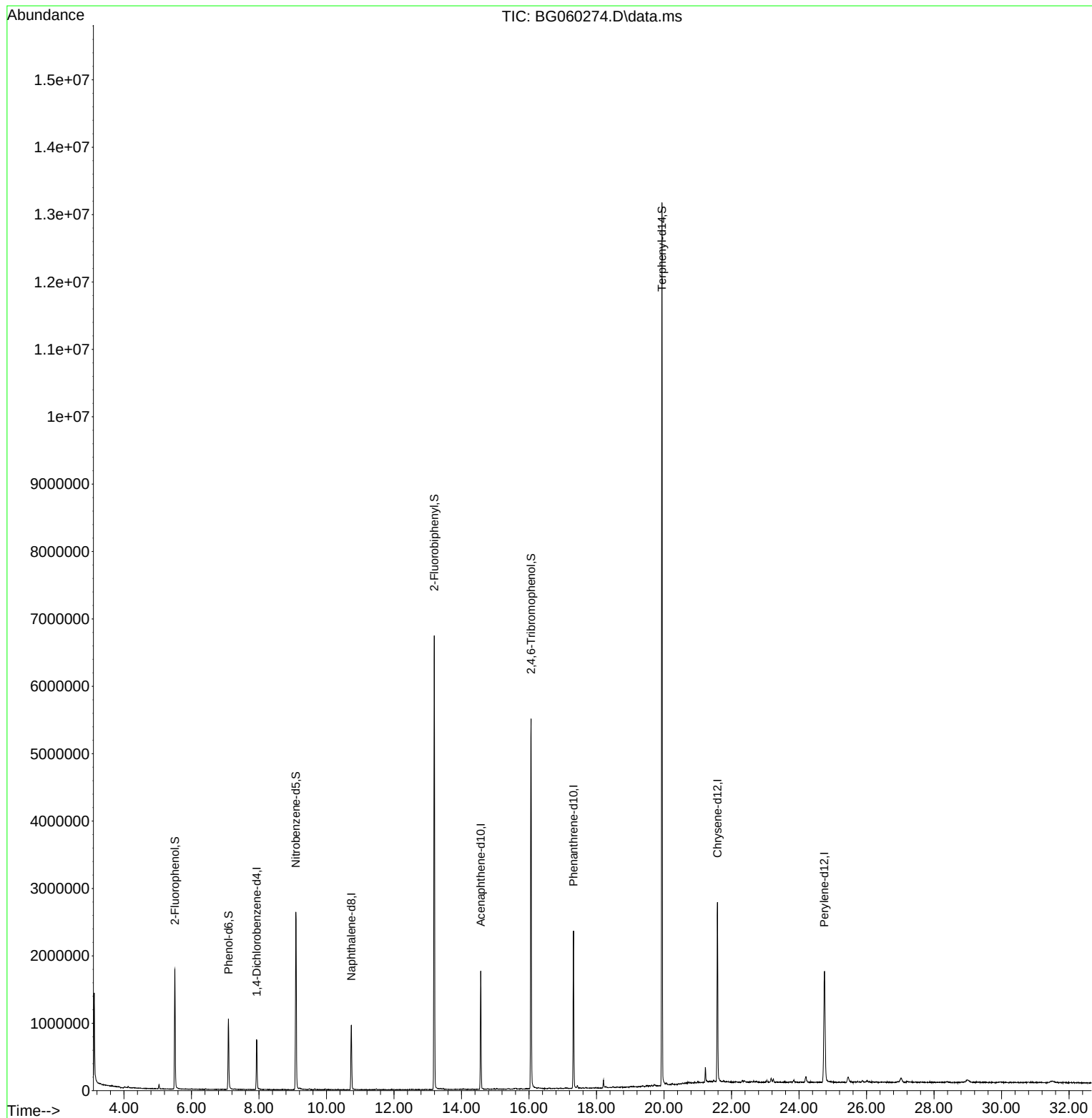
Target Compounds	Qvalue

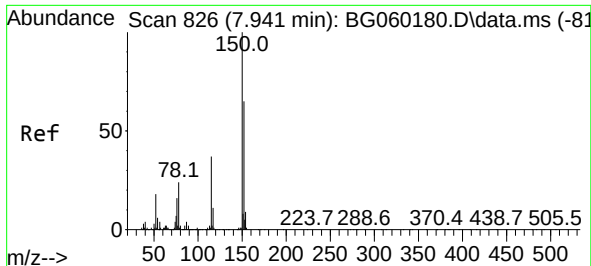
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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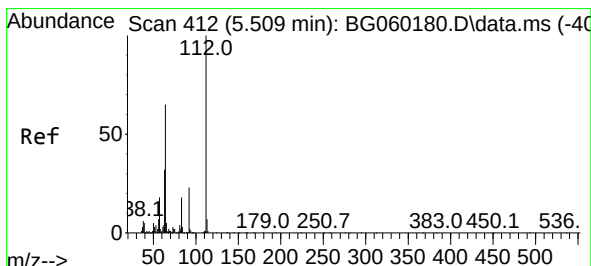
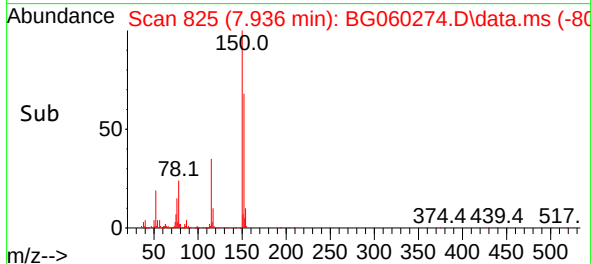
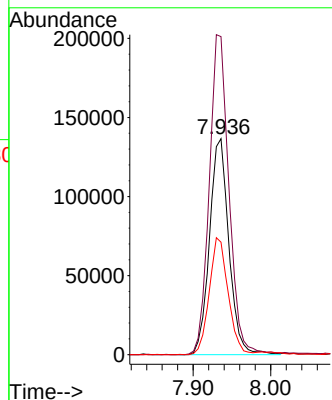
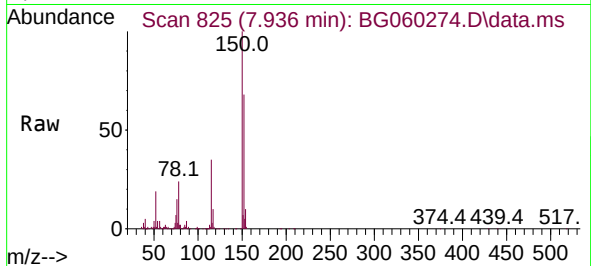




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060274.D
Acq: 5 Jan 2024 17:17

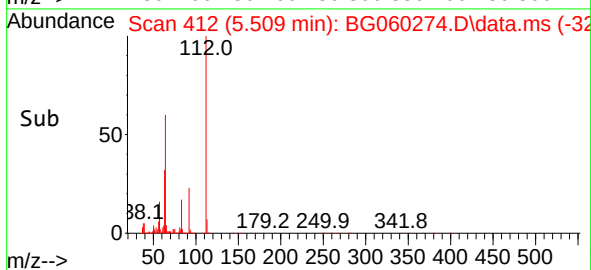
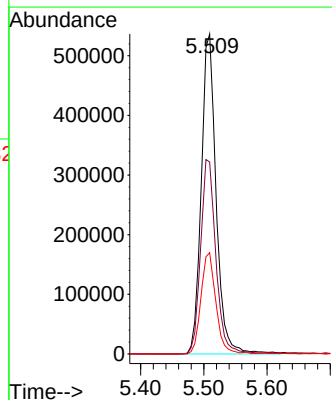
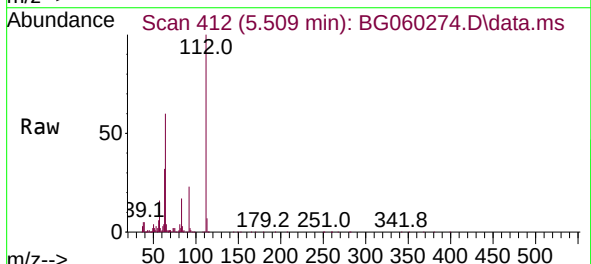
Instrument :
BNA_G
ClientSampleId :
COLS7

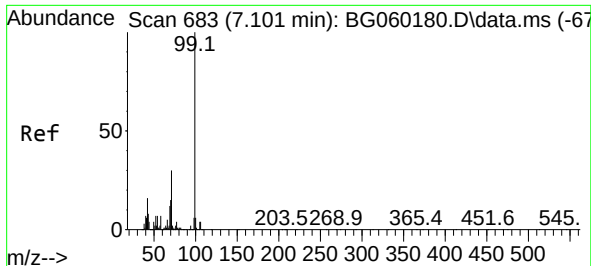
Tgt Ion:152 Resp: 237976
Ion Ratio Lower Upper
152 100
150 147.2 123.4 185.0
115 52.1 45.4 68.0



#5
2-Fluorophenol
Concen: 55.744 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060274.D
Acq: 5 Jan 2024 17:17

Tgt Ion:112 Resp: 878915
Ion Ratio Lower Upper
112 100
64 60.0 52.2 78.4
63 31.6 25.4 38.0

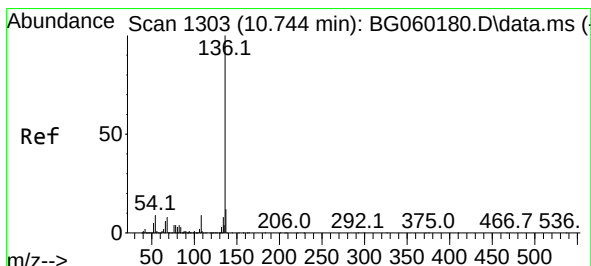
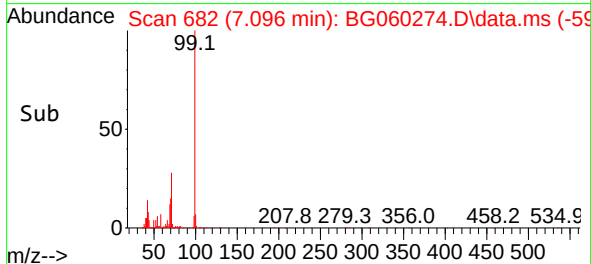
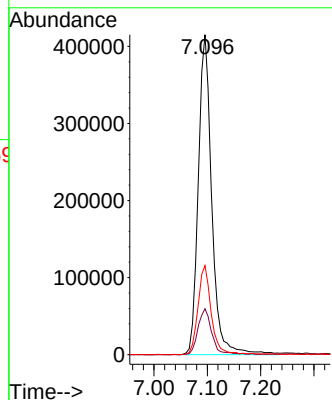
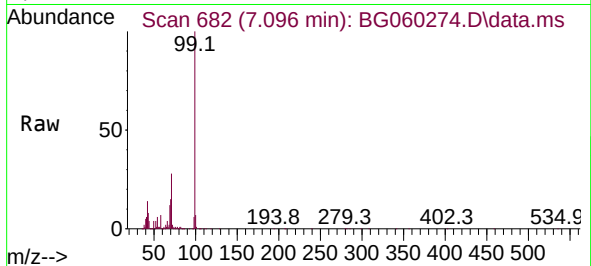




#7
Phenol-d6
Concen: 31.201 ng
RT: 7.096 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060274.D
Acq: 5 Jan 2024 17:17

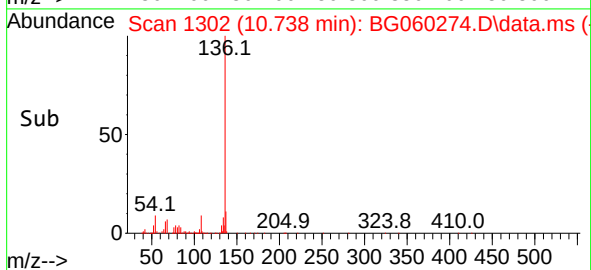
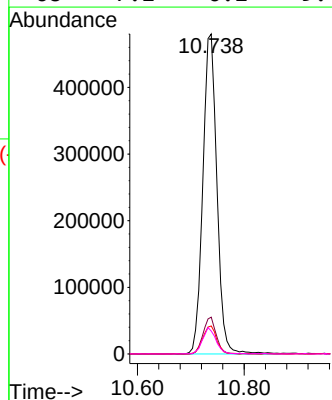
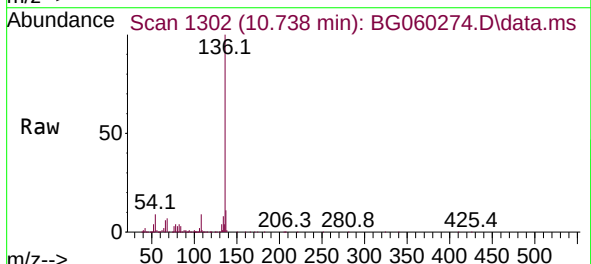
Instrument :
BNA_G
ClientSampleId :
COLS7

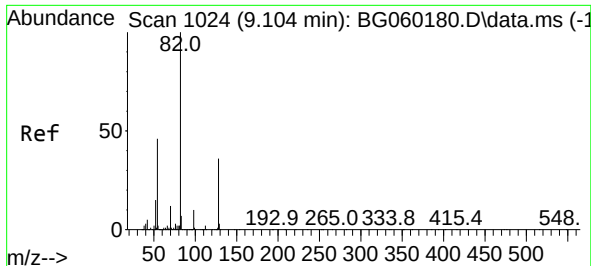
Tgt Ion: 99 Resp: 730418
Ion Ratio Lower Upper
99 100
42 14.4 12.5 18.7
71 27.9 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.005 min
Lab File: BG060274.D
Acq: 5 Jan 2024 17:17

Tgt Ion:136 Resp: 878211
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 8.8 7.4 11.2
68 7.2 6.2 9.4





#23

Nitrobenzene-d5

Concen: 96.038 ng

RT: 9.093 min Scan# 1022

Delta R.T. -0.011 min

Lab File: BG060274.D

Acq: 5 Jan 2024 17:17

Instrument :

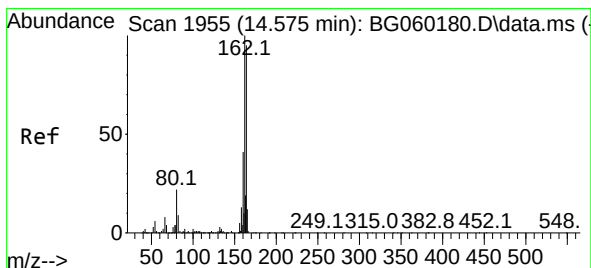
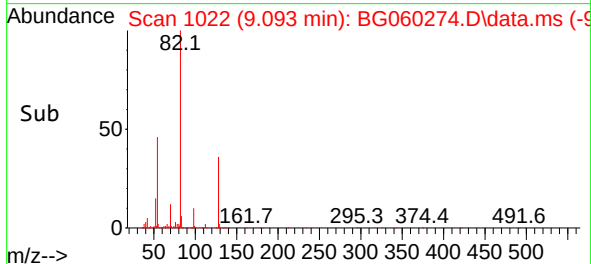
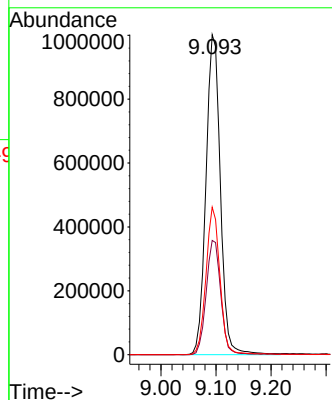
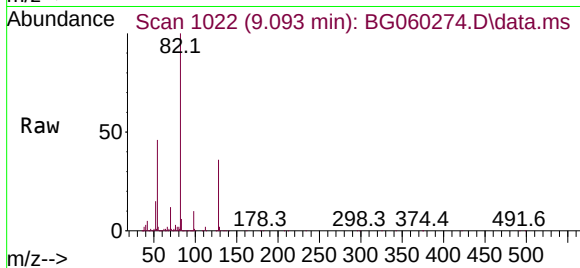
BNA_G

ClientSampleId :

C0LS7

Tgt Ion: 82 Resp: 1825976

Ion	Ratio	Lower	Upper
82	100		
128	35.7	28.7	43.1
54	46.1	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1954

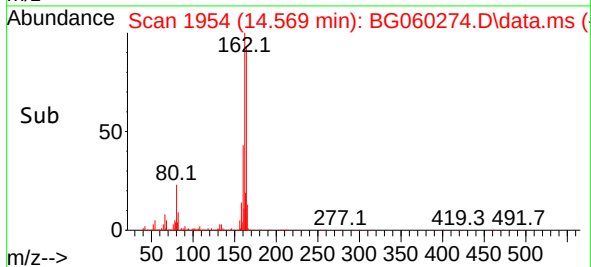
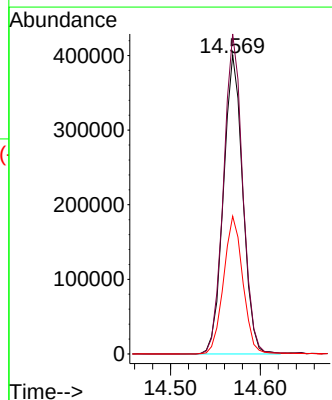
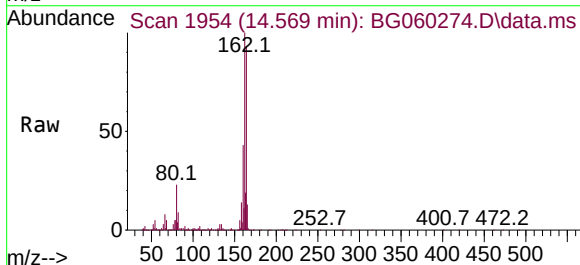
Delta R.T. -0.005 min

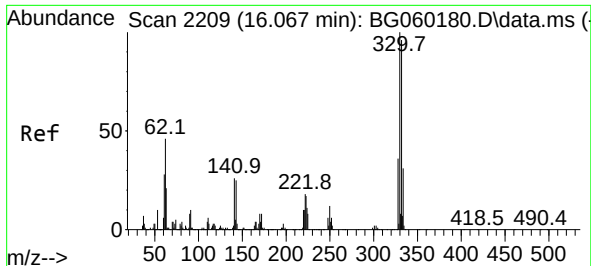
Lab File: BG060274.D

Acq: 5 Jan 2024 17:17

Tgt Ion:164 Resp: 598226

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.9	125.9
160	46.0	34.2	51.4

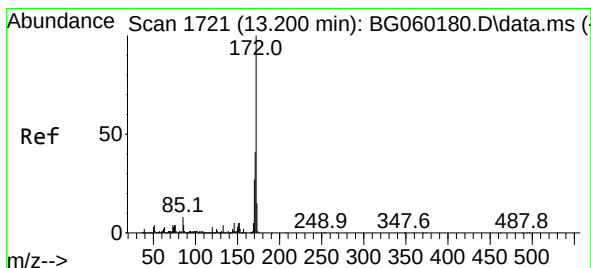
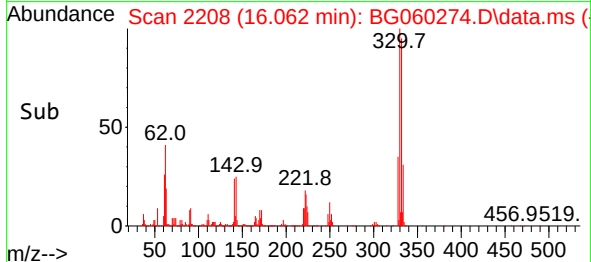
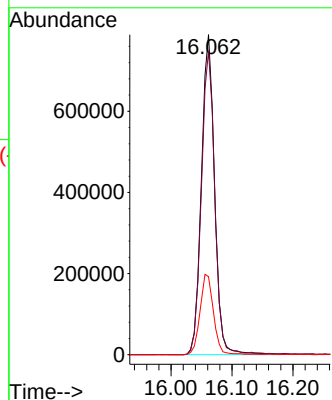
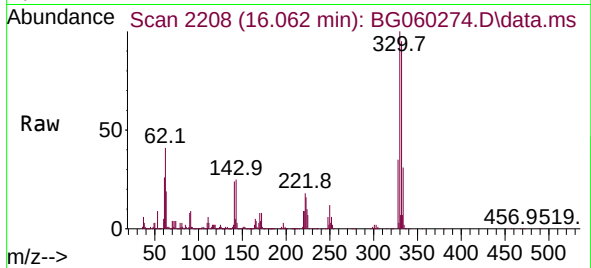




#42
2,4,6-Tribromophenol
Concen: 148.405 ng
RT: 16.062 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060274.D
Acq: 5 Jan 2024 17:17

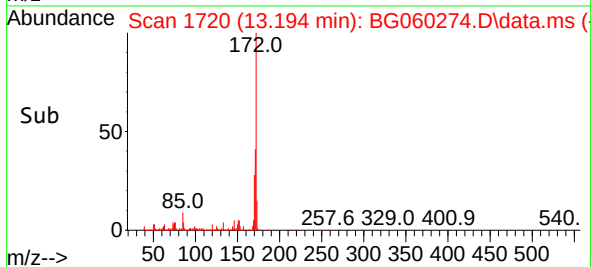
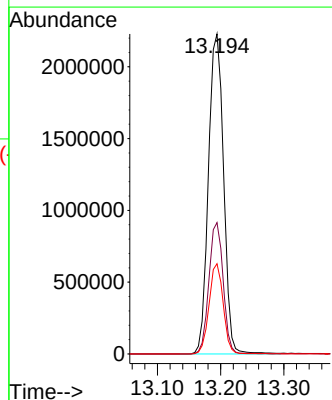
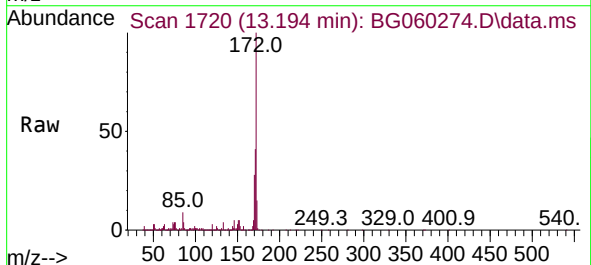
Instrument :
BNA_G
ClientSampleId :
COLS7

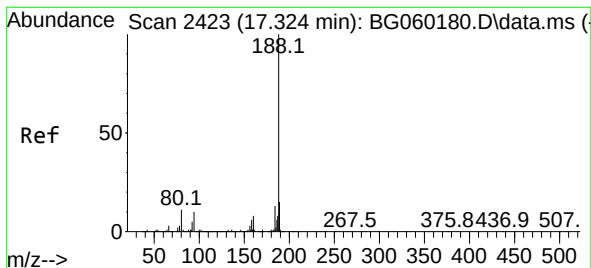
Tgt Ion:330 Resp: 1188407
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 25.6 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 89.194 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.005 min
Lab File: BG060274.D
Acq: 5 Jan 2024 17:17

Tgt Ion:172 Resp: 3712586
Ion Ratio Lower Upper
172 100
171 41.1 32.6 48.8
170 28.2 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.319 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG060274.D

Acq: 5 Jan 2024 17:17

Instrument :

BNA_G

ClientSampleId :

C0LS7

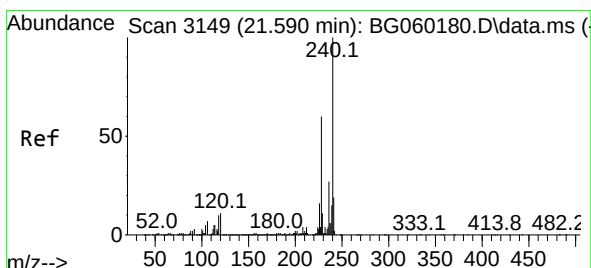
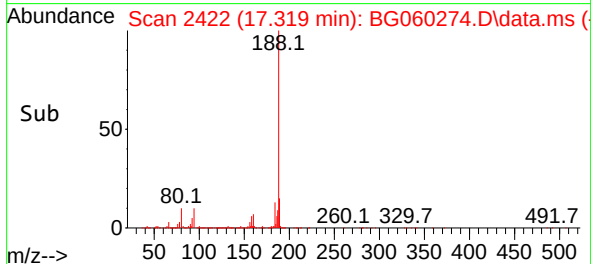
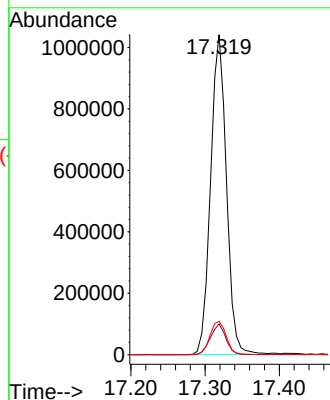
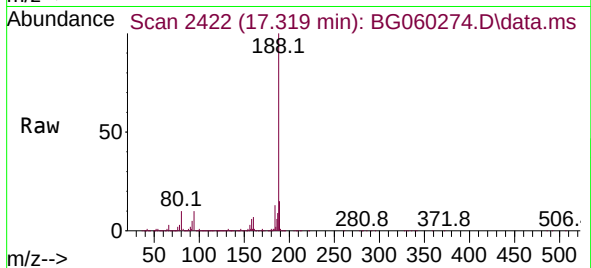
Tgt Ion:188 Resp: 1546817

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 10.4 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.584 min Scan# 3148

Delta R.T. -0.005 min

Lab File: BG060274.D

Acq: 5 Jan 2024 17:17

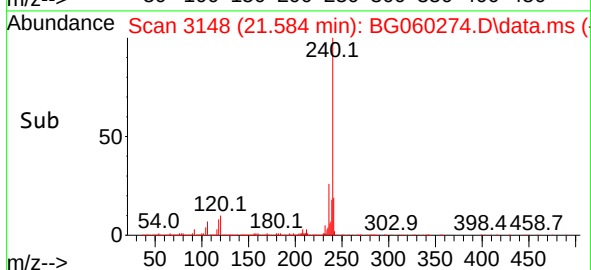
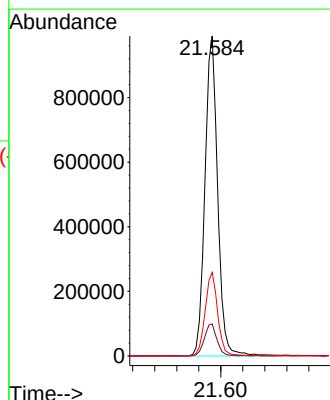
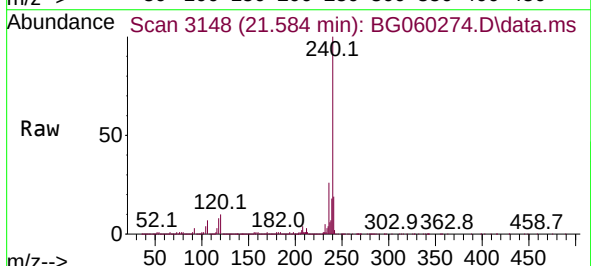
Tgt Ion:240 Resp: 1585344

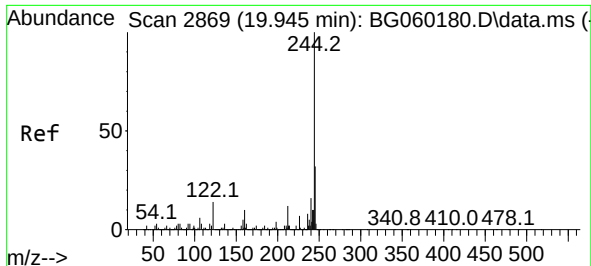
Ion Ratio Lower Upper

240 100

120 10.0 8.5 12.7

236 26.1 21.4 32.2

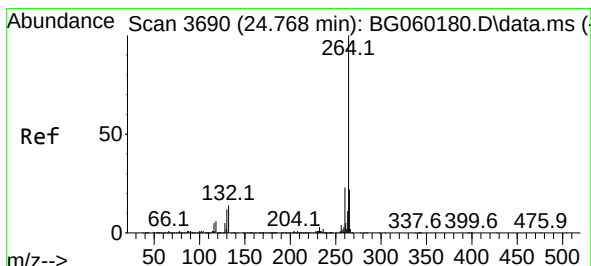
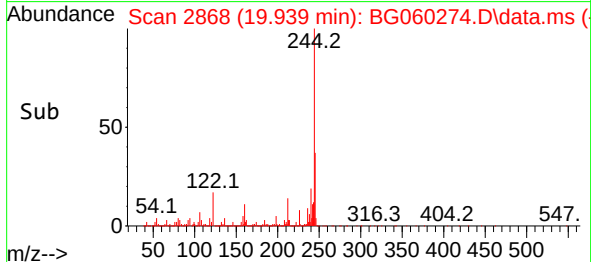
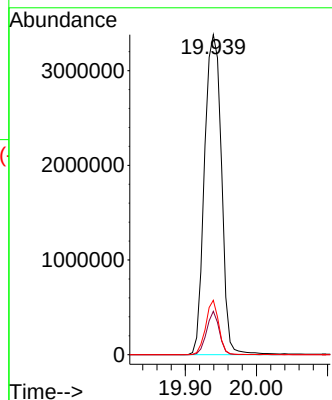
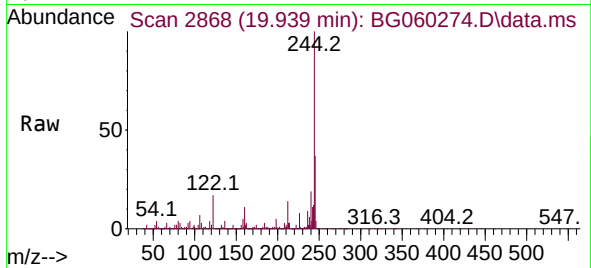




#79
 Terphenyl-d14
 Concen: 68.084 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060274.D
 Acq: 5 Jan 2024 17:17

Instrument :
 BNA_G
 ClientSampleId :
 COLS7

Tgt Ion:244 Resp: 5614392
 Ion Ratio Lower Upper
 244 100
 212 13.5 9.5 14.3
 122 17.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.751 min Scan# 3687
 Delta R.T. -0.017 min
 Lab File: BG060274.D
 Acq: 5 Jan 2024 17:17

Tgt Ion:264 Resp: 1836173
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.0 27.0
 265 21.7 17.4 26.0

