

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060273.D
 Acq On : 5 Jan 2024 16:37
 Operator : MA/JU
 Sample : 05965-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMA0

Quant Time: Jan 05 17:24:53 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	7.932	152	227847	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	850075	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	587449	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1551425	20.000	ng	0.00
76) Chrysene-d12	21.581	240	1617865	20.000	ng	0.00
86) Perylene-d12	24.754	264	1853067	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	830043	54.985	ng	0.00
7) Phenol-d6	7.092	99	676926	30.201	ng	0.00
23) Nitrobenzene-d5	9.096	82	1723183	93.631	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1154706	146.842	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	3531381	86.397	ng	0.00
79) Terphenyl-d14	19.942	244	5438529	64.626	ng	0.00

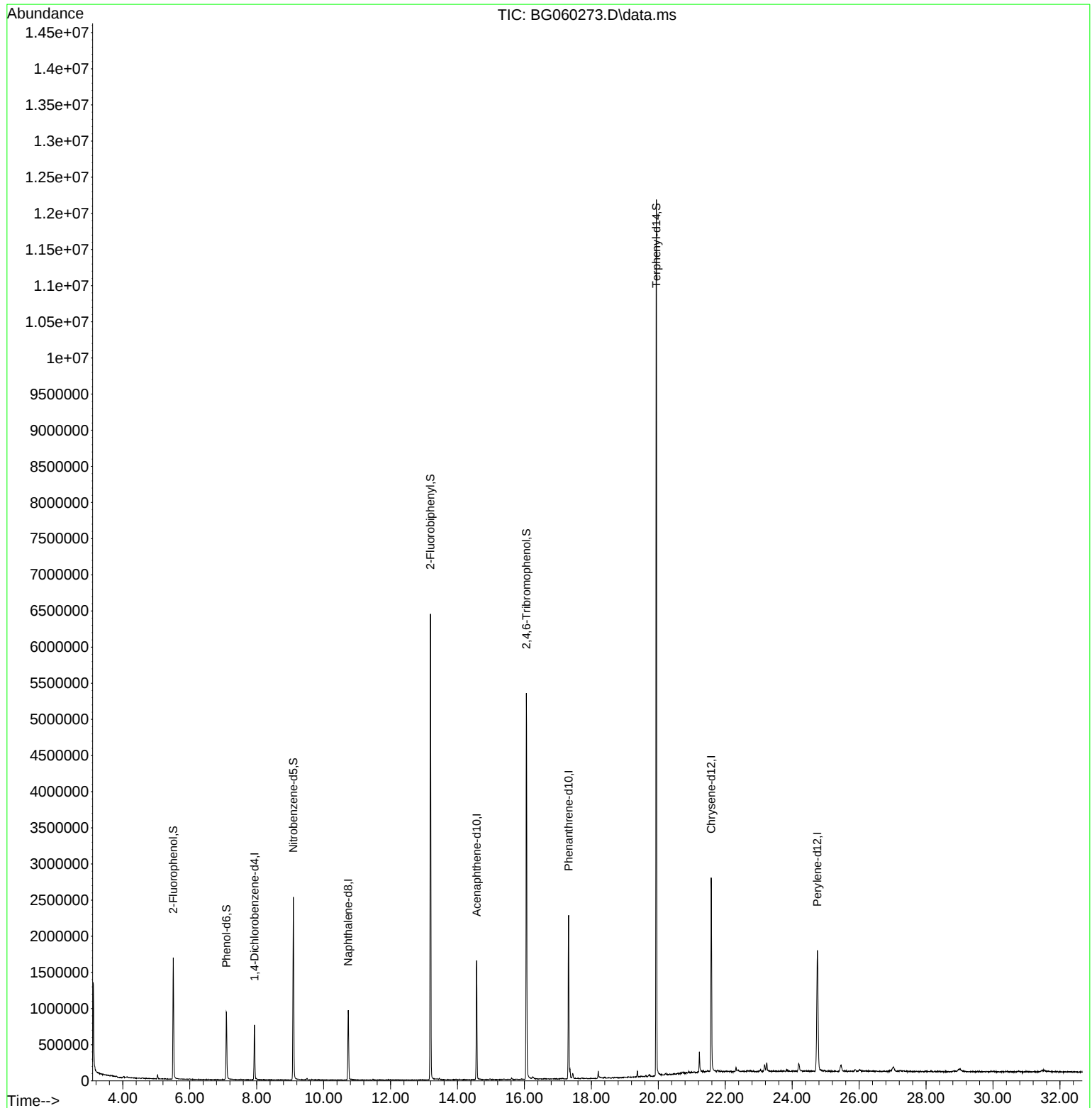
Target Compounds	Qvalue

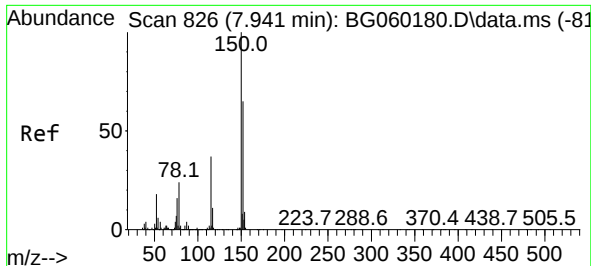
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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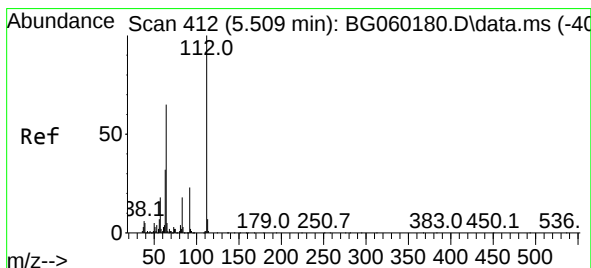
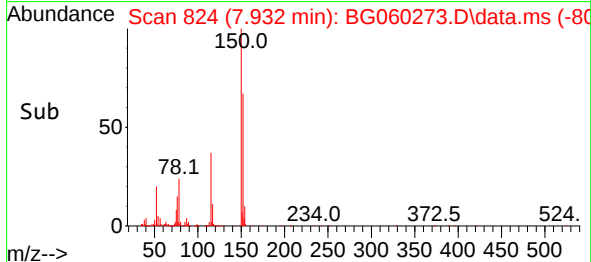
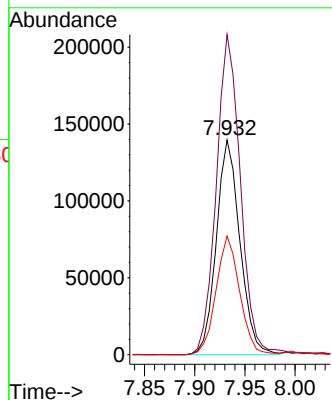
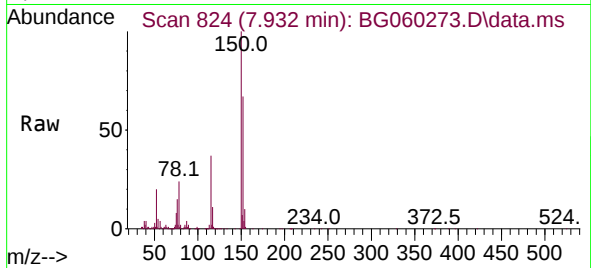




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

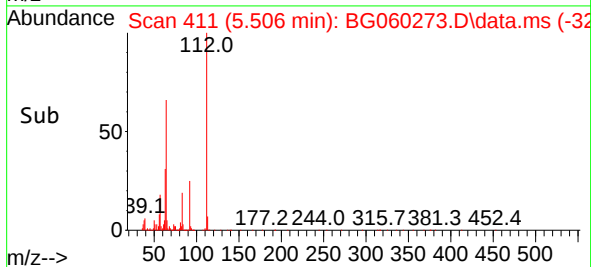
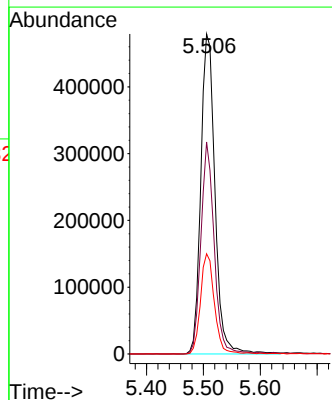
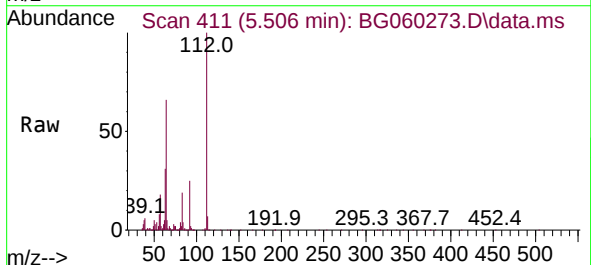
Instrument :
BNA_G
ClientSampleId :
COMA0

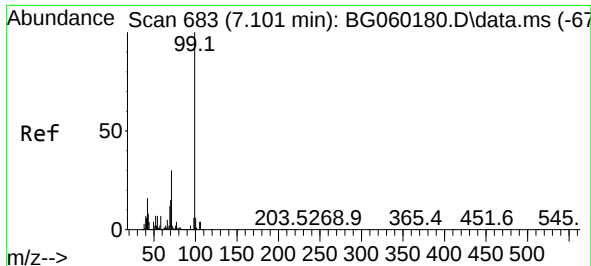
Tgt Ion:152 Resp: 227847
Ion Ratio Lower Upper
152 100
150 149.0 123.4 185.0
115 55.2 45.4 68.0



#5
2-Fluorophenol
Concen: 54.985 ng
RT: 5.506 min Scan# 411
Delta R.T. -0.003 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

Tgt Ion:112 Resp: 830043
Ion Ratio Lower Upper
112 100
64 66.2 52.2 78.4
63 31.3 25.4 38.0

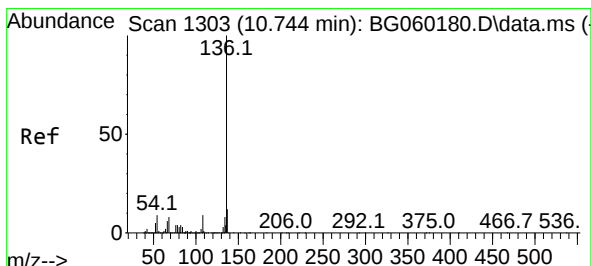
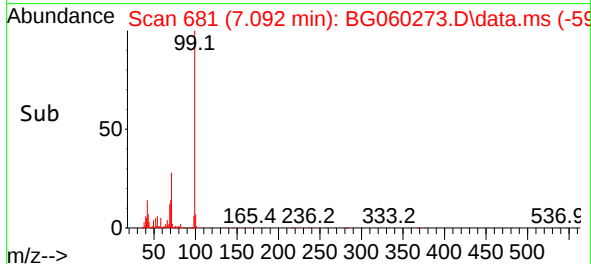
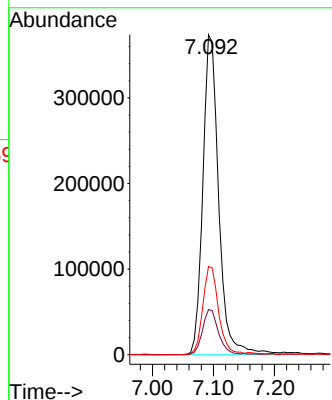
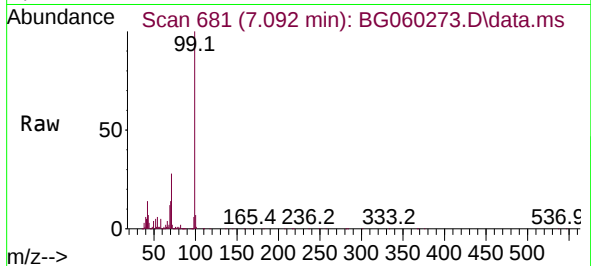




#7
Phenol-d6
Concen: 30.201 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

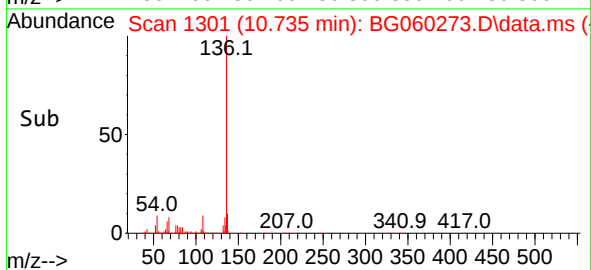
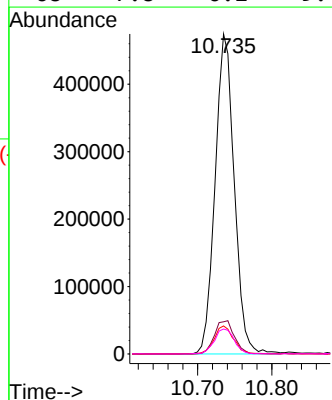
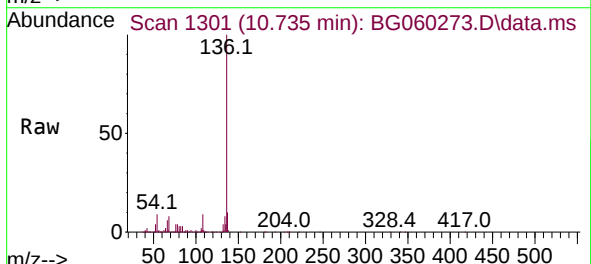
Instrument :
BNA_G
ClientSampleId :
COMA0

Tgt Ion: 99 Resp: 676926
Ion Ratio Lower Upper
99 100
42 14.1 12.5 18.7
71 27.6 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 1301
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

Tgt Ion: 136 Resp: 850075
Ion Ratio Lower Upper
136 100
137 10.1 9.4 14.0
54 8.8 7.4 11.2
68 7.8 6.2 9.4





#23

Nitrobenzene-d5

Concen: 93.631 ng

RT: 9.096 min Scan# 1022

Delta R.T. -0.009 min

Lab File: BG060273.D

Acq: 5 Jan 2024 16:37

Instrument :

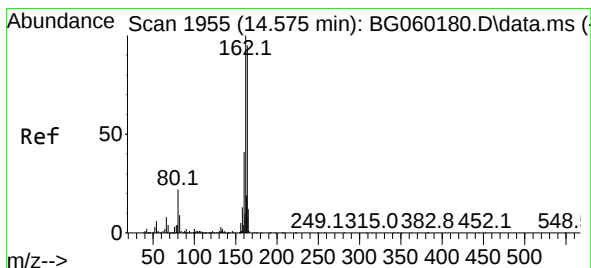
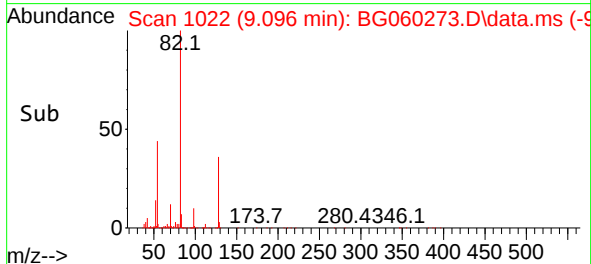
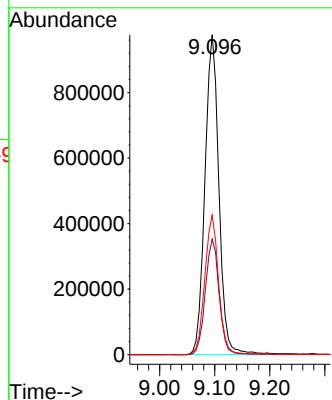
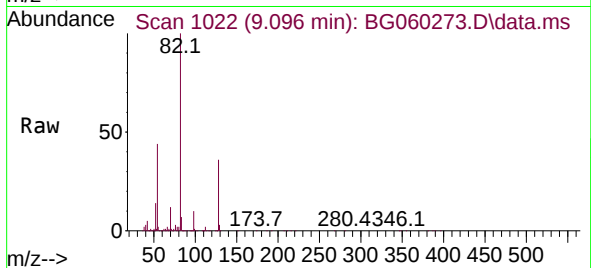
BNA_G

ClientSampleId :

COMA0

Tgt Ion: 82 Resp: 1723183

Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.7	43.1
54	43.6	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.571 min Scan# 1954

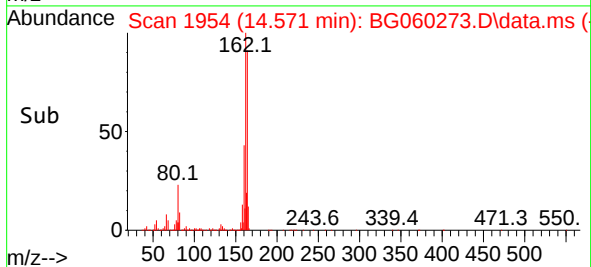
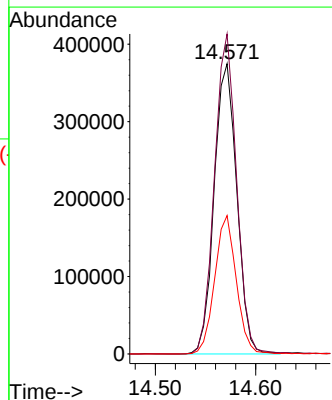
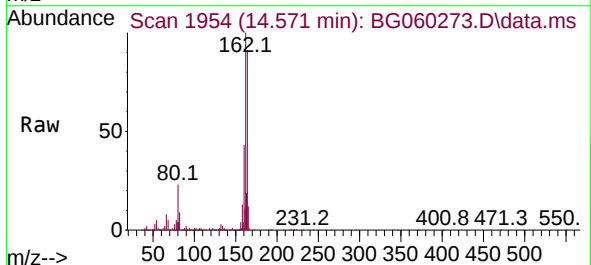
Delta R.T. -0.003 min

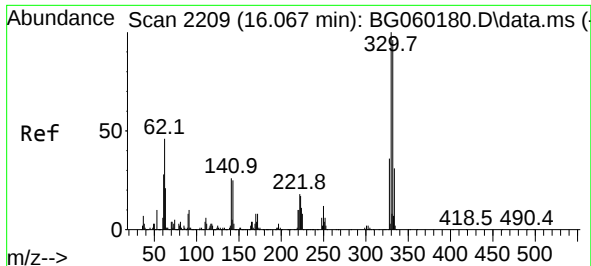
Lab File: BG060273.D

Acq: 5 Jan 2024 16:37

Tgt Ion:164 Resp: 587449

Ion	Ratio	Lower	Upper
164	100		
162	110.2	83.9	125.9
160	47.7	34.2	51.4

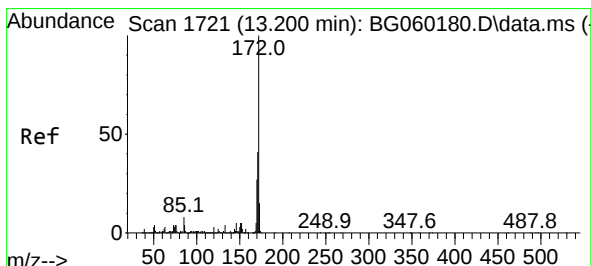
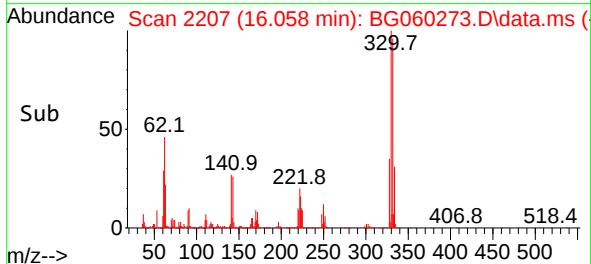
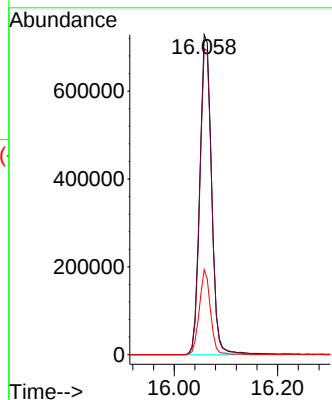
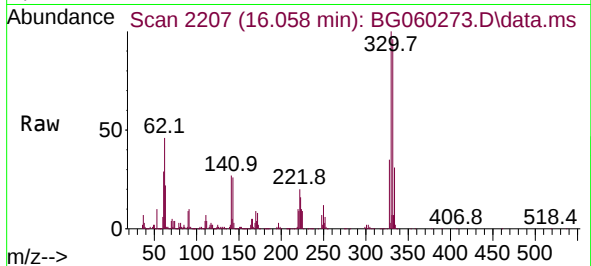




#42
2,4,6-Tribromophenol
Concen: 146.842 ng
RT: 16.058 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

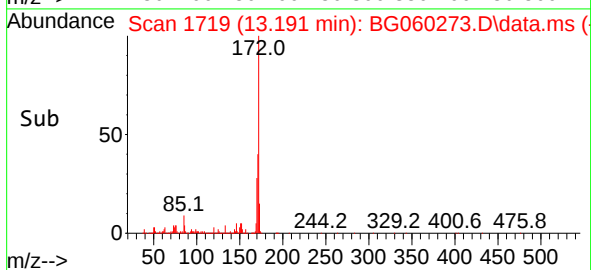
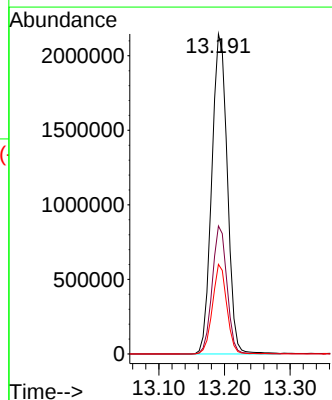
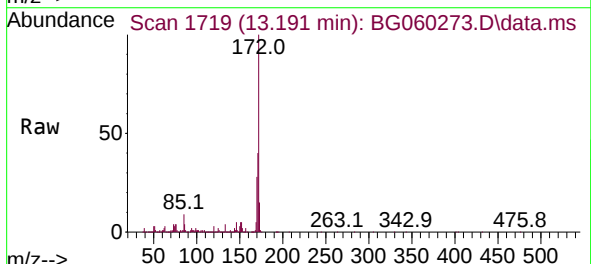
Instrument :
BNA_G
ClientSampleId :
COMA0

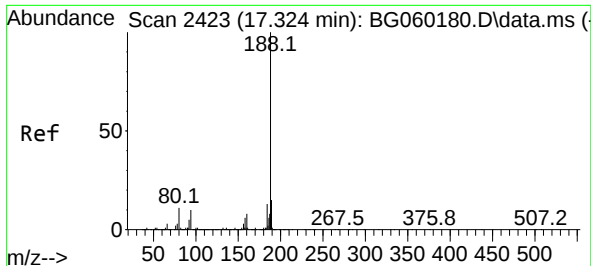
Tgt Ion:330 Resp: 1154706
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 25.1 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 86.397 ng
RT: 13.191 min Scan# 1719
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

Tgt Ion:172 Resp: 3531381
Ion Ratio Lower Upper
172 100
171 40.0 32.6 48.8
170 28.0 21.8 32.6

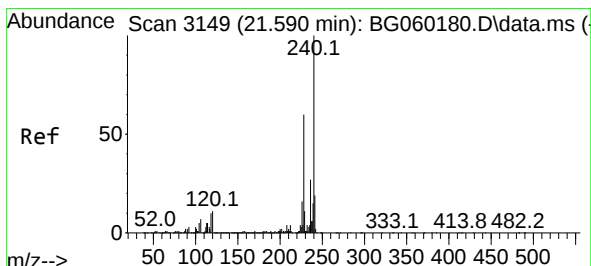
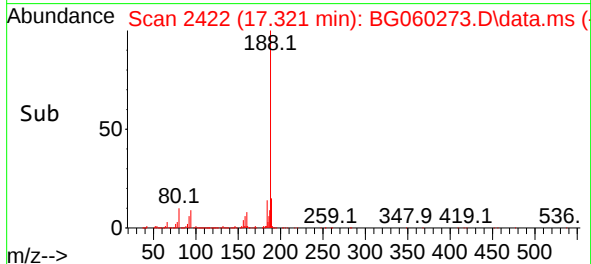
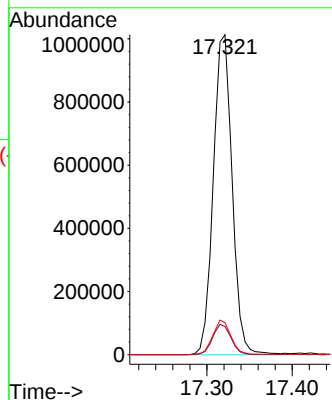
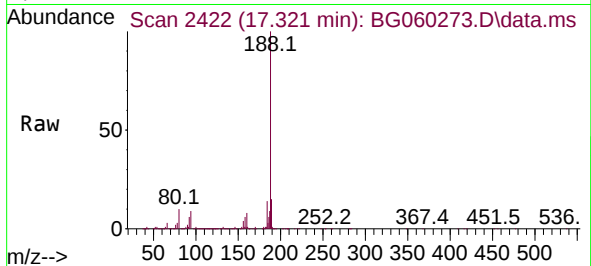




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

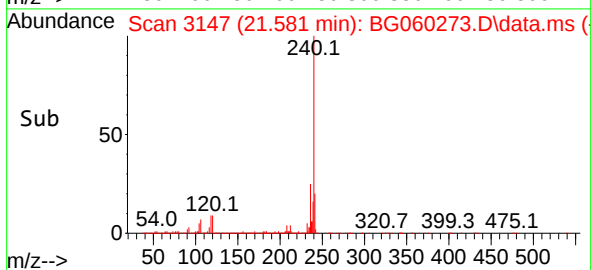
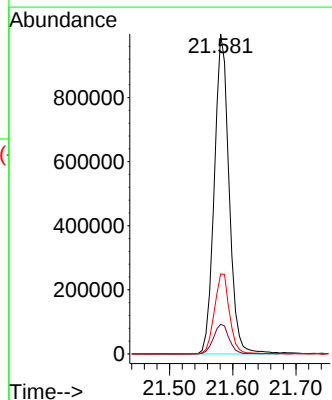
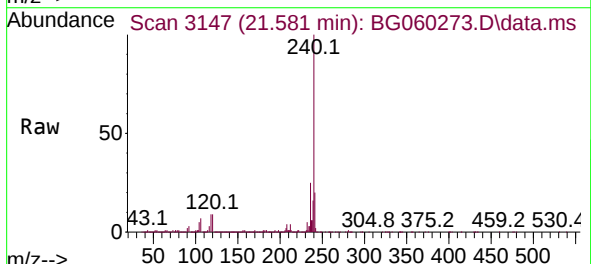
Instrument :
BNA_G
ClientSampleId :
COMA0

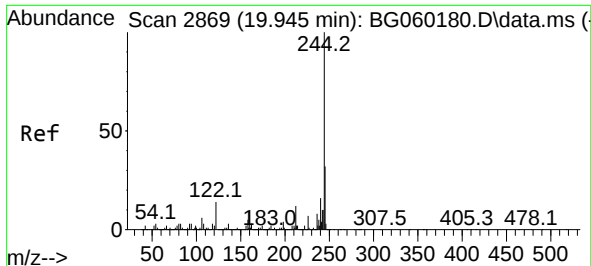
Tgt Ion:188 Resp: 1551425
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 10.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

Tgt Ion:240 Resp: 1617865
Ion Ratio Lower Upper
240 100
120 9.2 8.5 12.7
236 25.0 21.4 32.2





#79

Terphenyl-d14

Concen: 64.626 ng

RT: 19.942 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060273.D

Acq: 5 Jan 2024 16:37

Instrument :

BNA_G

ClientSampleId :

COMA0

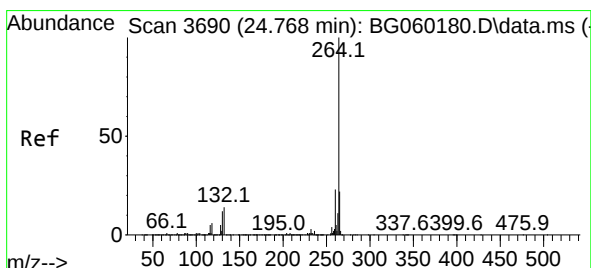
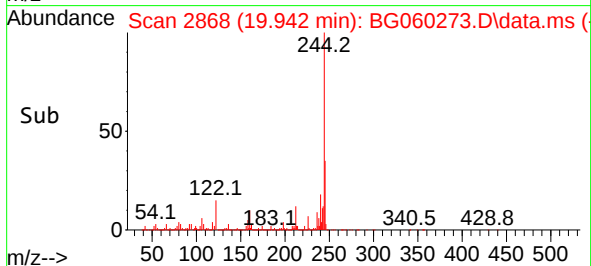
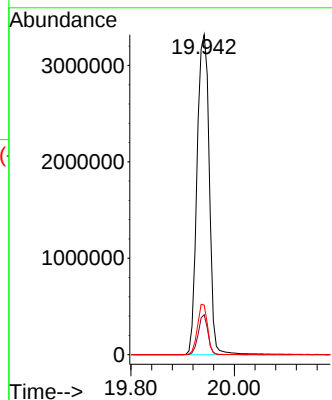
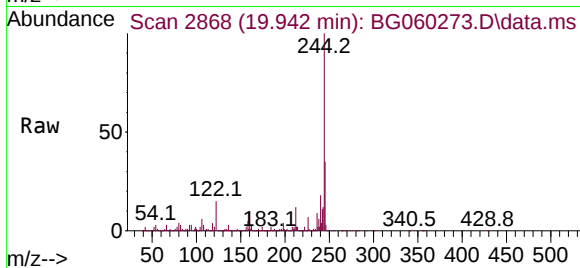
Tgt Ion:244 Resp: 5438529

Ion Ratio Lower Upper

244 100

212 12.5 9.5 14.3

122 15.5 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.754 min Scan# 3687

Delta R.T. -0.015 min

Lab File: BG060273.D

Acq: 5 Jan 2024 16:37

Tgt Ion:264 Resp: 1853067

Ion Ratio Lower Upper

264 100

260 23.5 18.0 27.0

265 20.9 17.4 26.0

