

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060270.D
 Acq On : 5 Jan 2024 14:36
 Operator : MA/JU
 Sample : 05964-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMA4

Quant Time: Jan 05 15:14:01 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	202041	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	742560	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	511023	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	1308005	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1454556	20.000	ng	0.00
86) Perylene-d12	24.757	264	1688134	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	741466	55.391	ng	0.00
7) Phenol-d6	7.095	99	583438	29.355	ng	0.00
23) Nitrobenzene-d5	9.093	82	1531199	95.246	ng	-0.01
42) 2,4,6-Tribromophenol	16.061	330	1022675	149.501	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	3294450	92.655	ng	0.00
79) Terphenyl-d14	19.939	244	5393369	71.284	ng	0.00

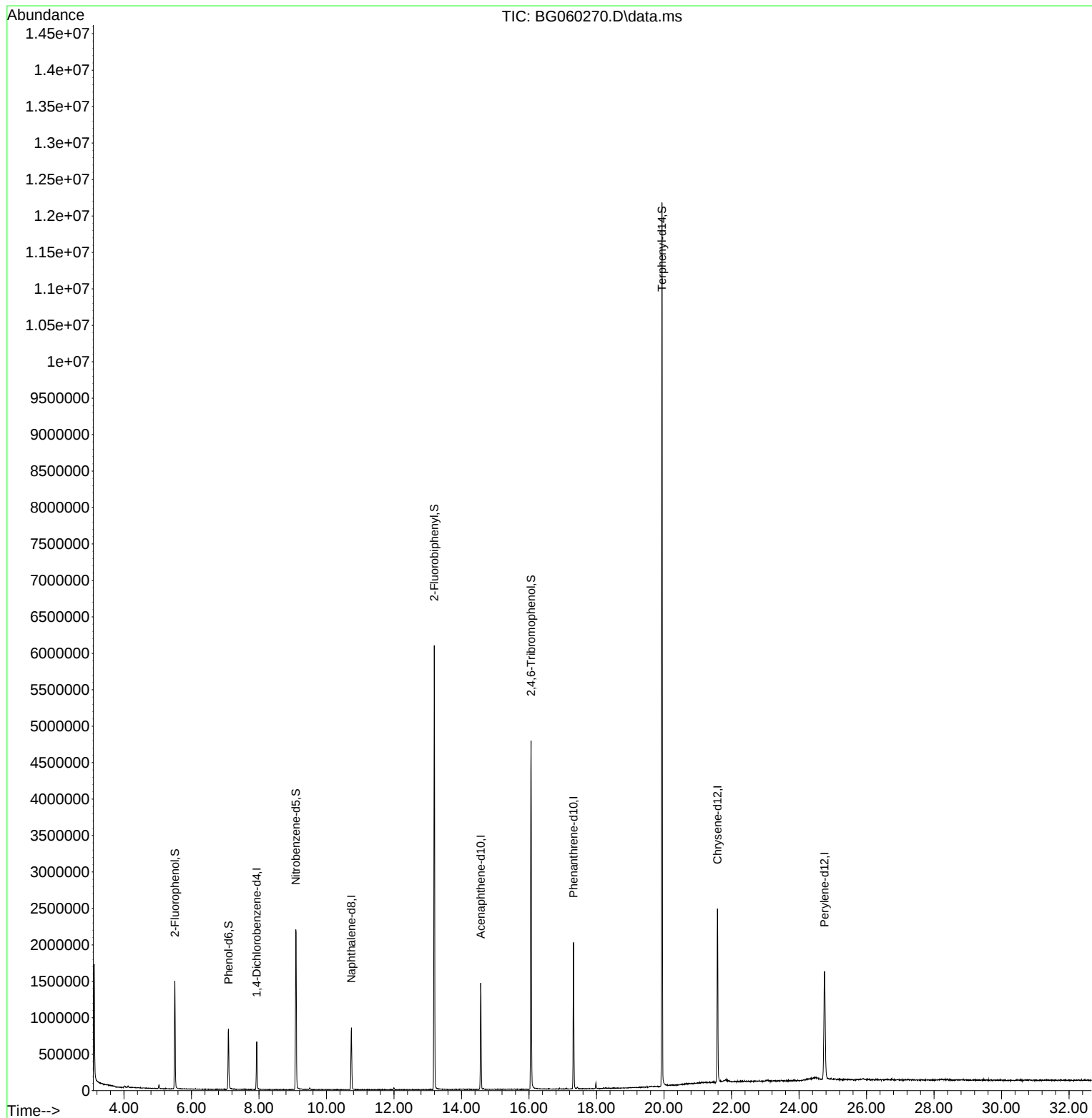
Target Compounds	Qvalue

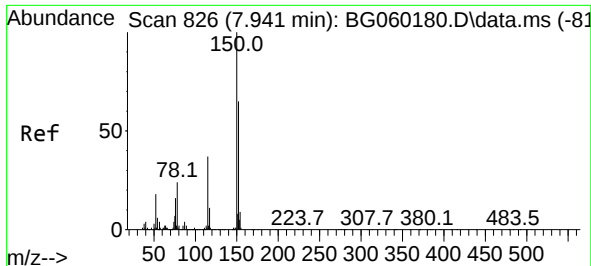
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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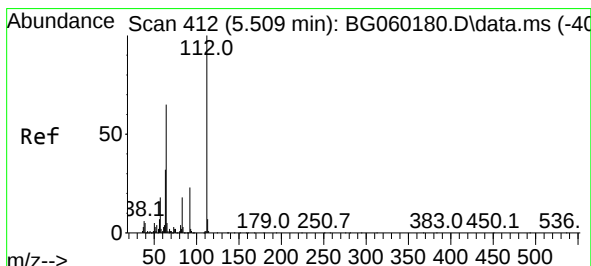
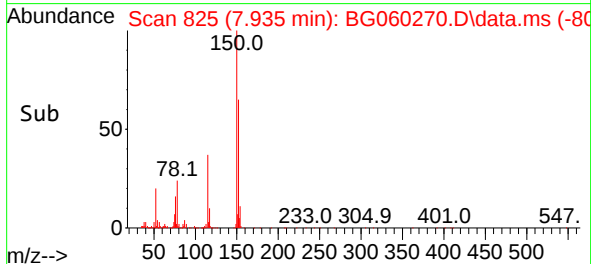
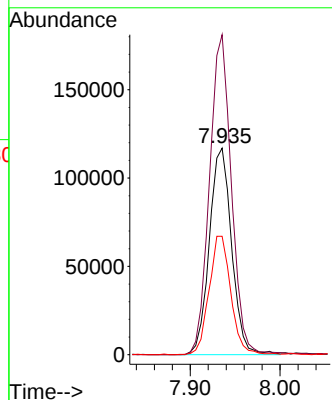
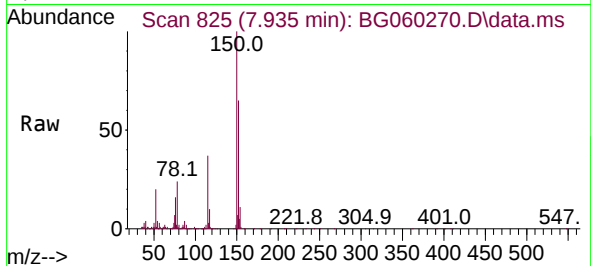




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

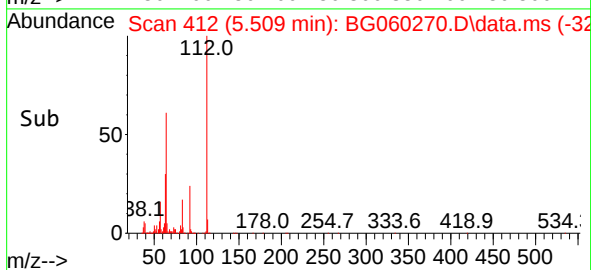
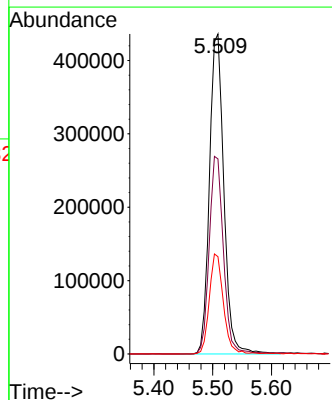
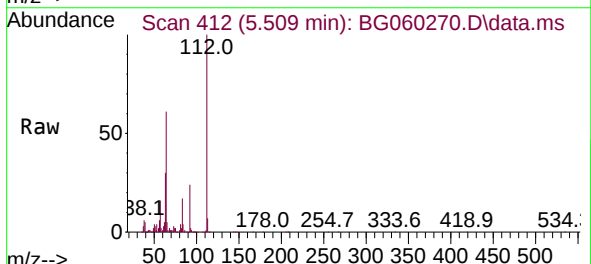
Instrument :
BNA_G
ClientSampleId :
COMA4

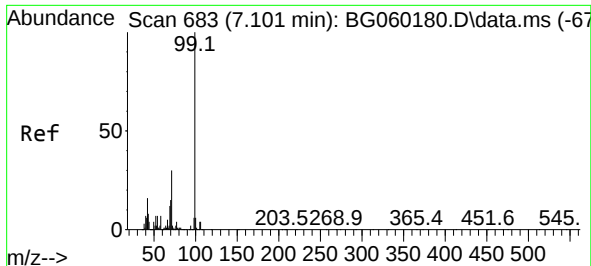
Tgt Ion:152 Resp: 202041
Ion Ratio Lower Upper
152 100
150 154.9 123.4 185.0
115 57.3 45.4 68.0



#5
2-Fluorophenol
Concen: 55.391 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

Tgt Ion:112 Resp: 741466
Ion Ratio Lower Upper
112 100
64 60.9 52.2 78.4
63 30.4 25.4 38.0

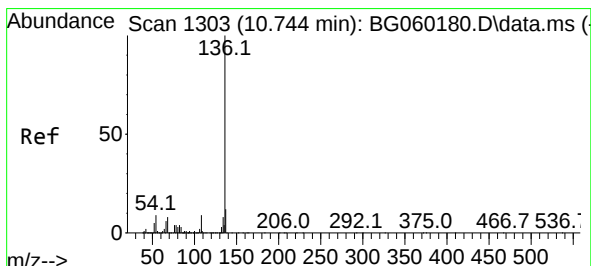
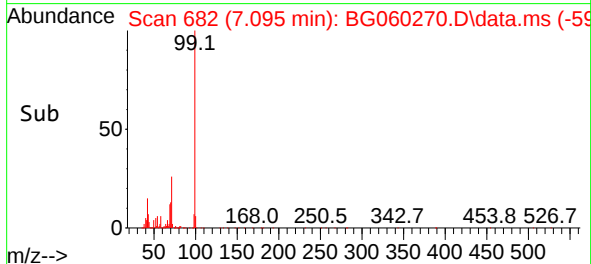
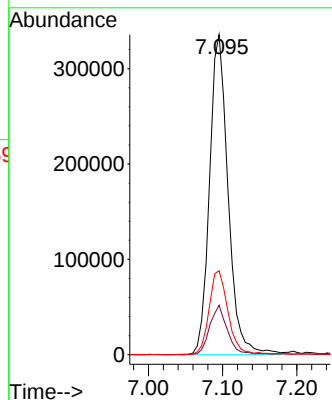
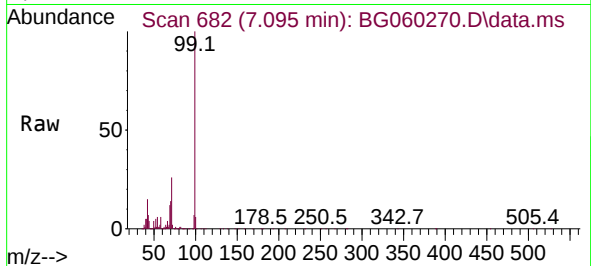




#7
Phenol-d6
Concen: 29.355 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

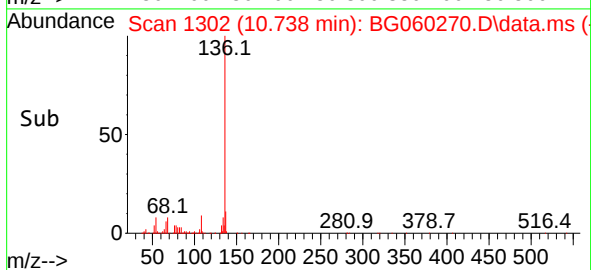
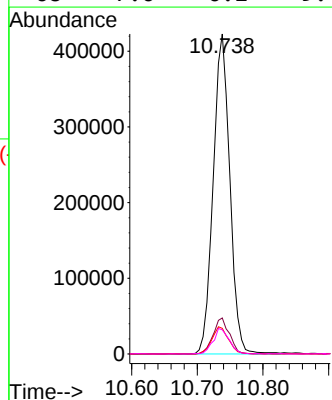
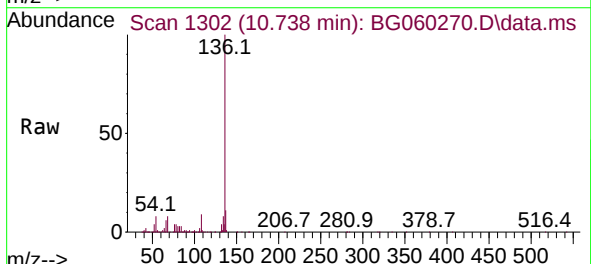
Instrument :
BNA_G
ClientSampleId :
COMA4

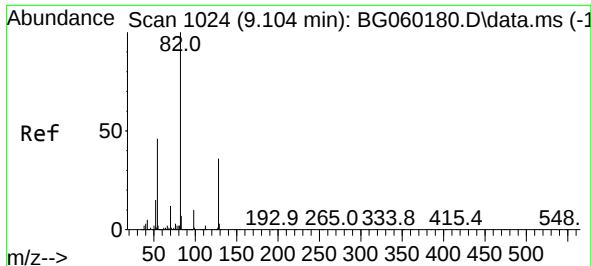
Tgt Ion: 99 Resp: 583438
Ion Ratio Lower Upper
99 100
42 15.5 12.5 18.7
71 26.3 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

Tgt Ion:136 Resp: 742560
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 8.0 7.4 11.2
68 7.6 6.2 9.4





#23

Nitrobenzene-d5

Concen: 95.246 ng

RT: 9.093 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BG060270.D

Acq: 5 Jan 2024 14:36

Instrument :

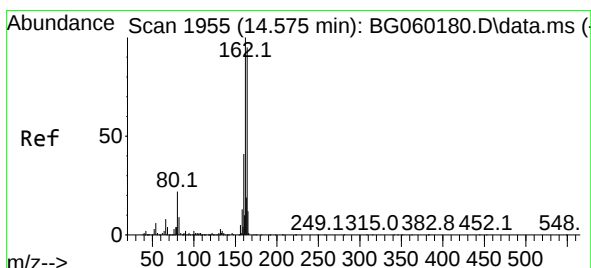
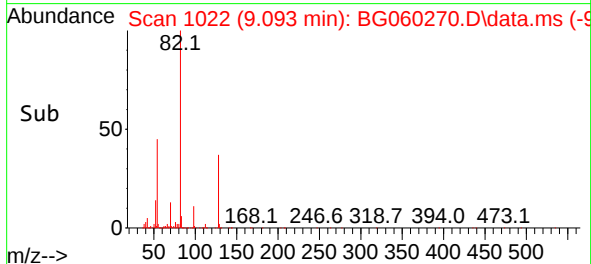
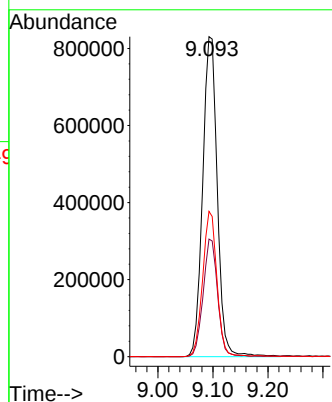
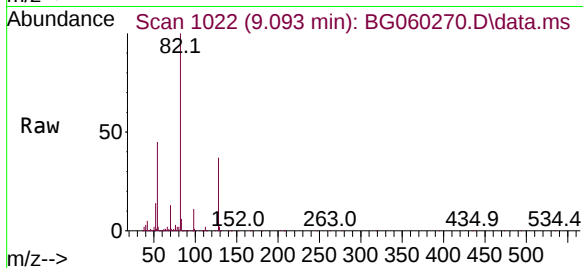
BNA_G

ClientSampleId :

COMA4

Tgt Ion: 82 Resp: 1531199

Ion	Ratio	Lower	Upper
82	100		
128	36.7	28.7	43.1
54	45.4	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1954

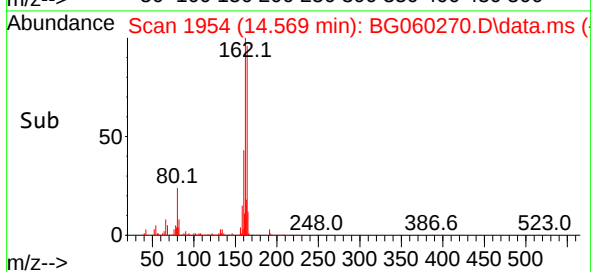
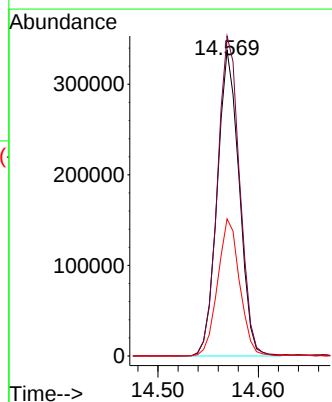
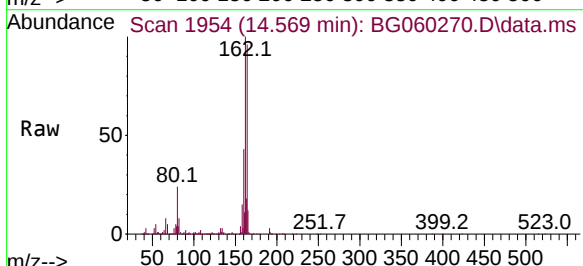
Delta R.T. -0.006 min

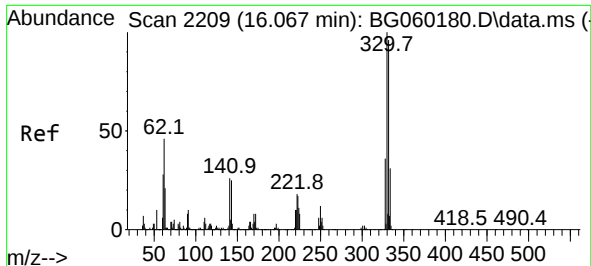
Lab File: BG060270.D

Acq: 5 Jan 2024 14:36

Tgt Ion:164 Resp: 511023

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.9	125.9
160	44.9	34.2	51.4

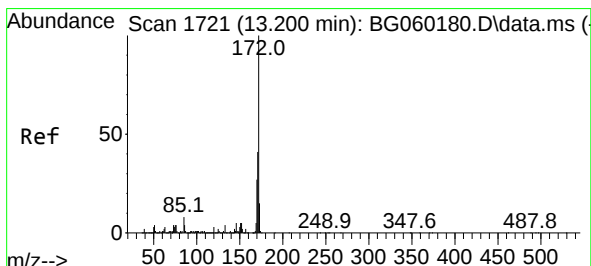
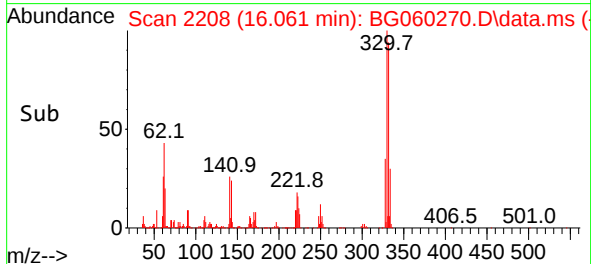
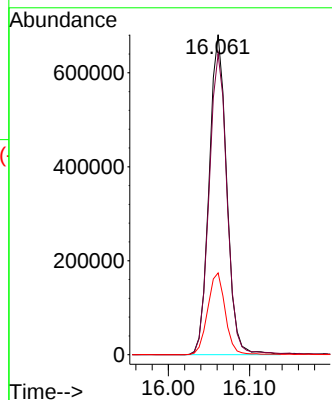
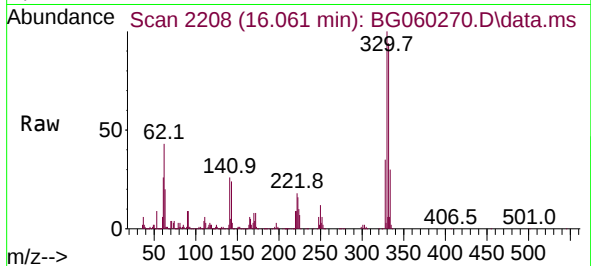




#42
2,4,6-Tribromophenol
Concen: 149.501 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

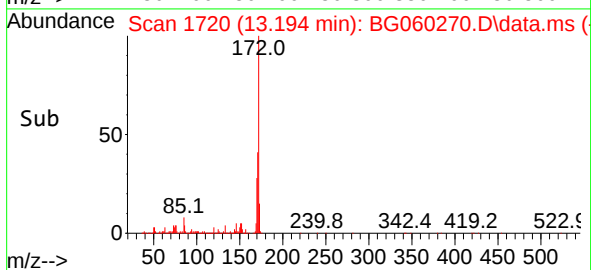
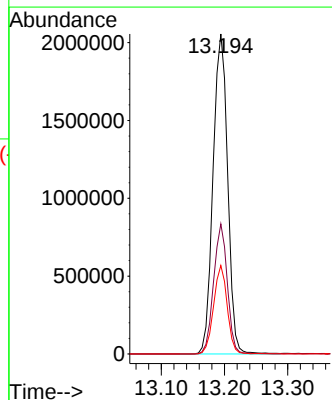
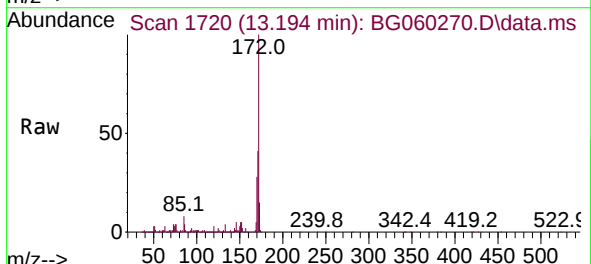
Instrument :
BNA_G
ClientSampleId :
COMA4

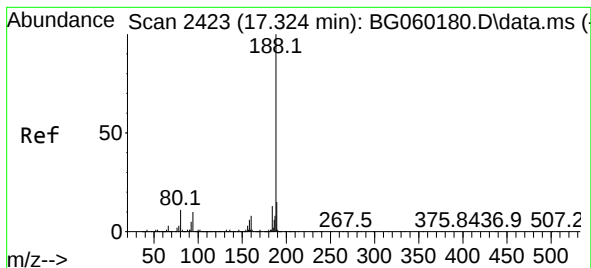
Tgt Ion:330 Resp: 1022675
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 25.6 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 92.655 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

Tgt Ion:172 Resp: 3294450
Ion Ratio Lower Upper
172 100
171 40.7 32.6 48.8
170 27.6 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.319 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BG060270.D

Acq: 5 Jan 2024 14:36

Instrument :

BNA_G

ClientSampleId :

COMA4

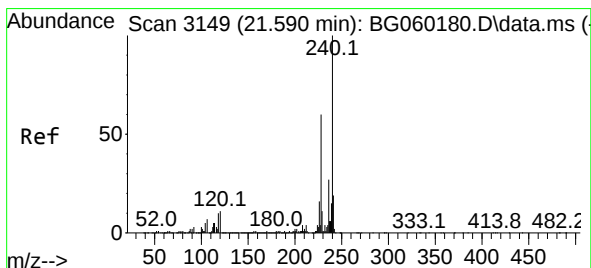
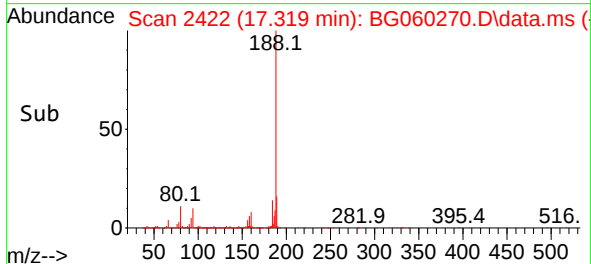
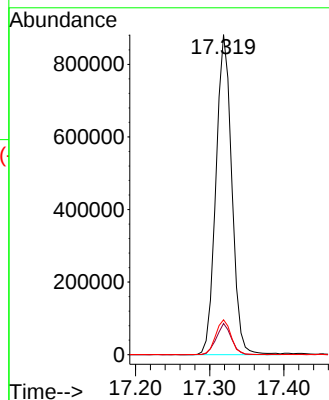
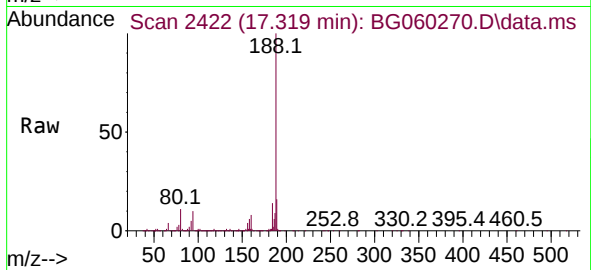
Tgt Ion:188 Resp: 1308005

Ion Ratio Lower Upper

188 100

94 9.8 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: BG060270.D

Acq: 5 Jan 2024 14:36

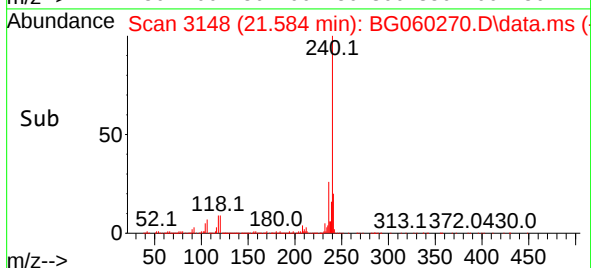
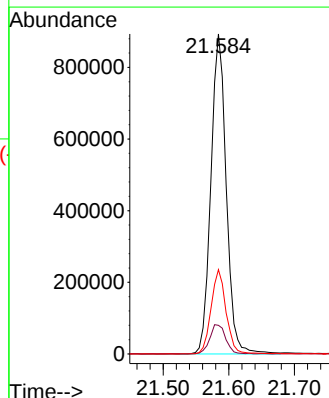
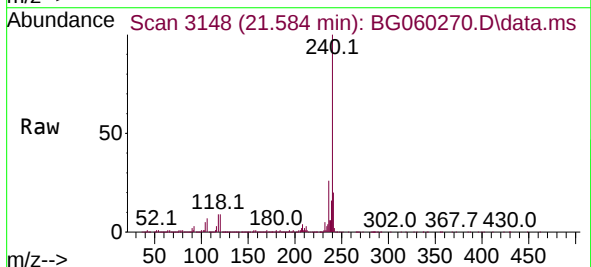
Tgt Ion:240 Resp: 1454556

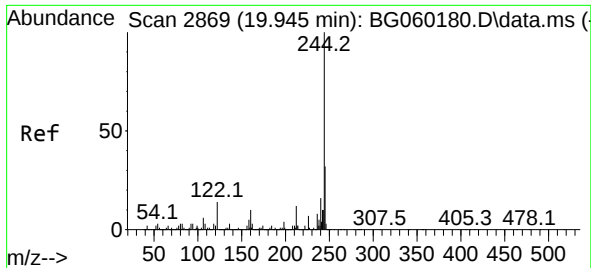
Ion Ratio Lower Upper

240 100

120 9.0 8.5 12.7

236 26.4 21.4 32.2

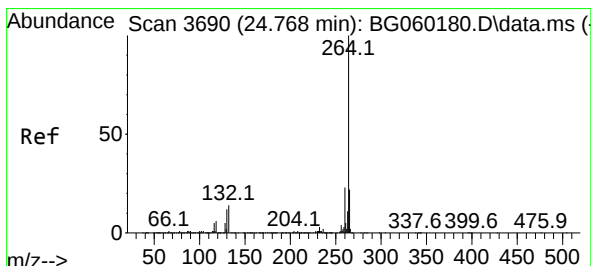
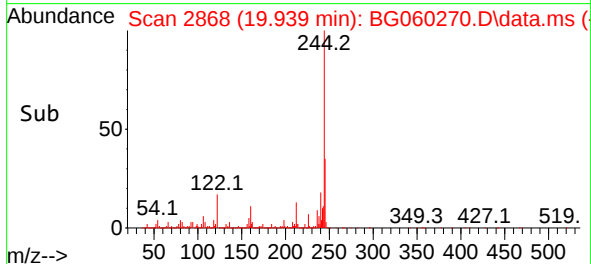
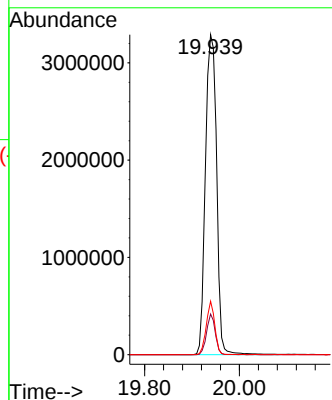
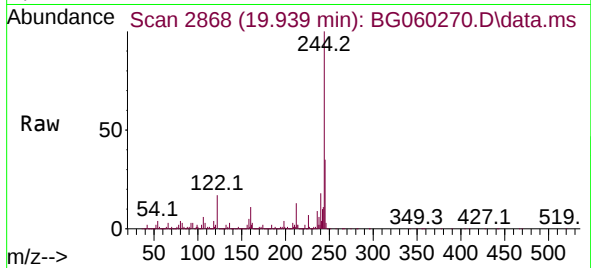




#79
 Terphenyl-d14
 Concen: 71.284 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060270.D
 Acq: 5 Jan 2024 14:36

Instrument :
 BNA_G
 ClientSampleId :
 COMA4

Tgt Ion:244 Resp: 5393369
 Ion Ratio Lower Upper
 244 100
 212 12.7 9.5 14.3
 122 16.7 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: BG060270.D
 Acq: 5 Jan 2024 14:36

Tgt Ion:264 Resp: 1688134
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.0 27.0
 265 20.9 17.4 26.0

