

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060281.D
 Acq On : 5 Jan 2024 22:00
 Operator : MA/JU
 Sample : P1040-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Jan 06 00:47:45 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	7.934	152	219456	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	822856	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	560630	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	1469208	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1506873	20.000	ng	0.00
86) Perylene-d12	24.750	264	1707201	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1375403	94.595	ng	0.00
7) Phenol-d6	7.094	99	1955057	90.561	ng	0.00
23) Nitrobenzene-d5	9.092	82	1142674	64.142	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	788217	105.031	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	2666368	68.355	ng	0.00
79) Terphenyl-d14	19.938	244	4439814	56.644	ng	0.00

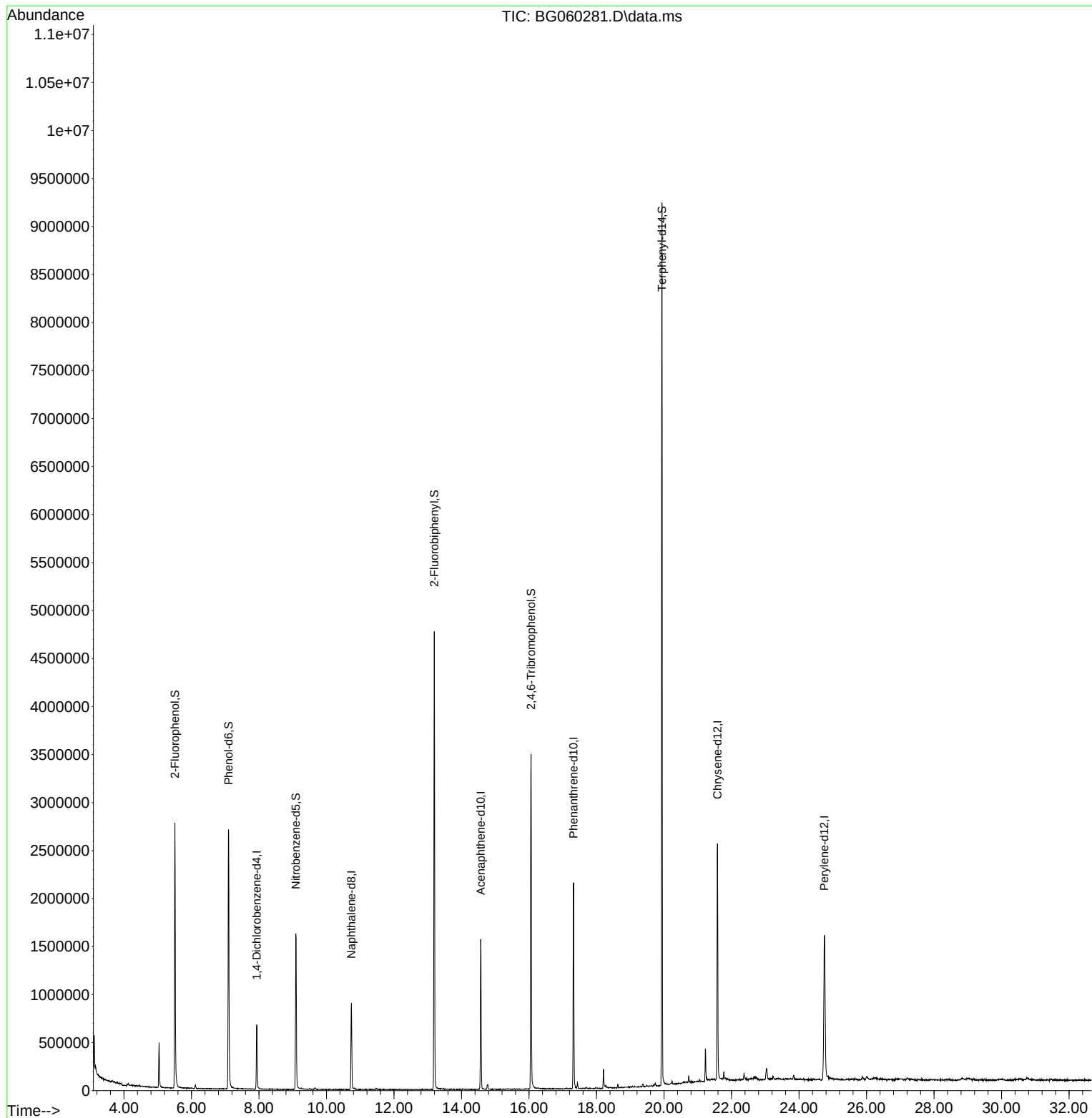
Target Compounds	Qvalue

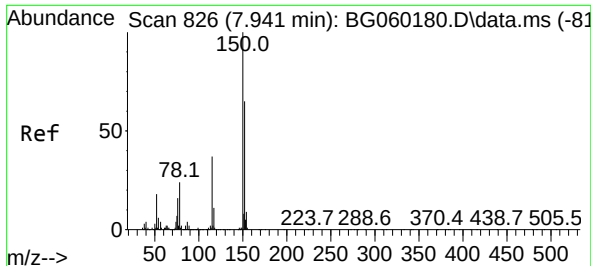
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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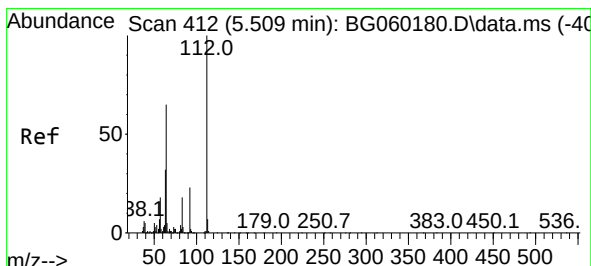
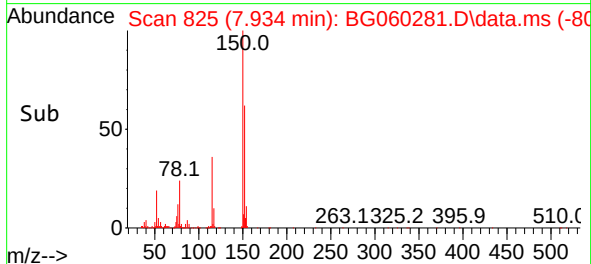
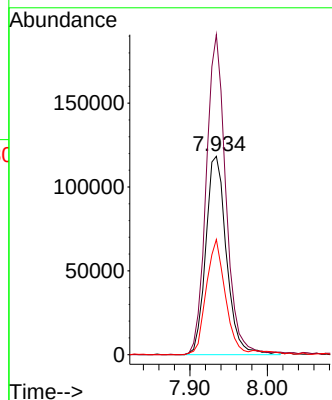
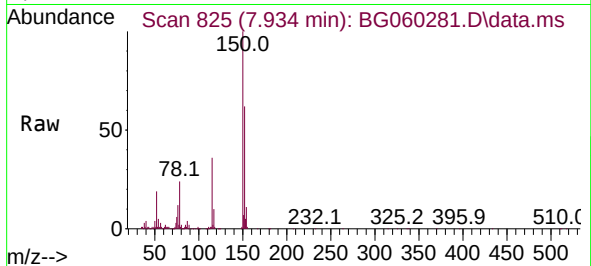




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

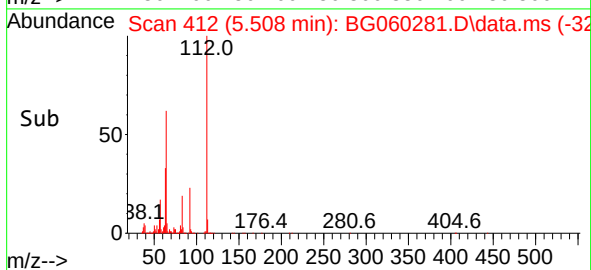
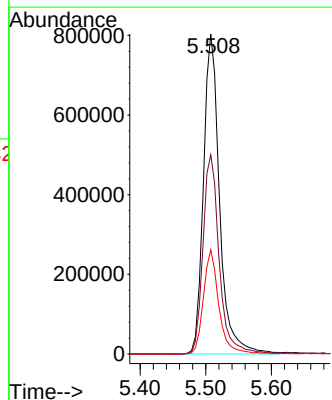
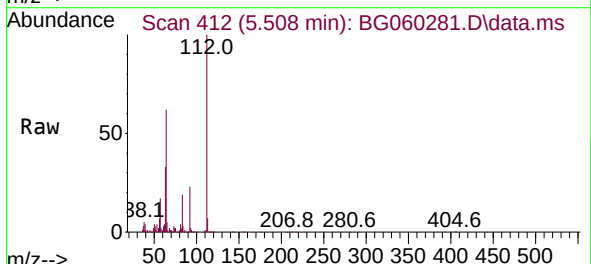
Instrument :
BNA_G
ClientSampleId :
COMP-3

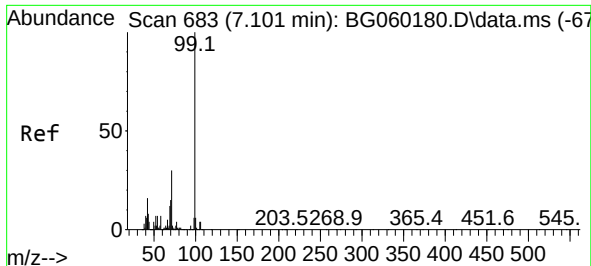
Tgt Ion:152 Resp: 219456
Ion Ratio Lower Upper
152 100
150 161.3 123.4 185.0
115 58.1 45.4 68.0



#5
2-Fluorophenol
Concen: 94.595 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

Tgt Ion:112 Resp: 1375403
Ion Ratio Lower Upper
112 100
64 62.2 52.2 78.4
63 32.5 25.4 38.0

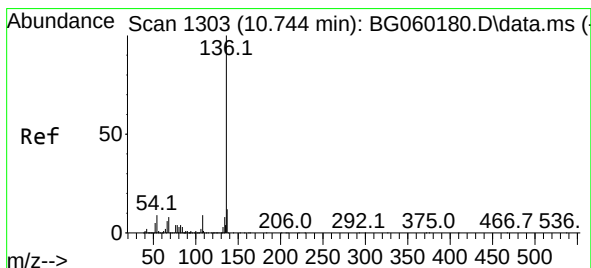
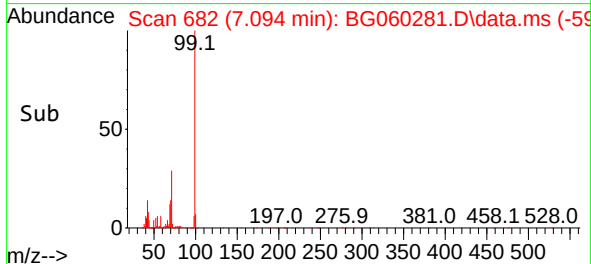
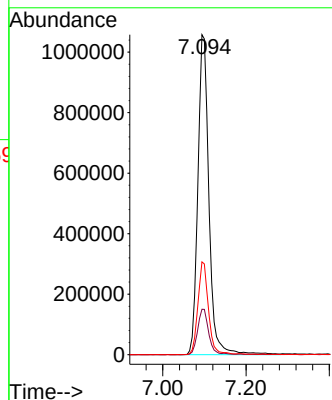
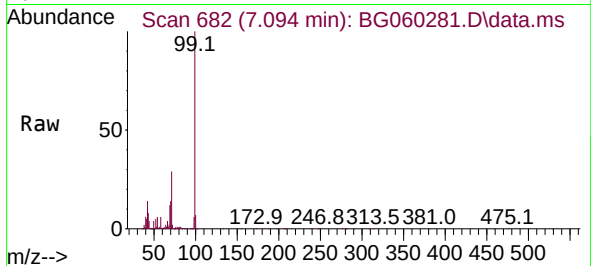




#7
Phenol-d6
Concen: 90.561 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

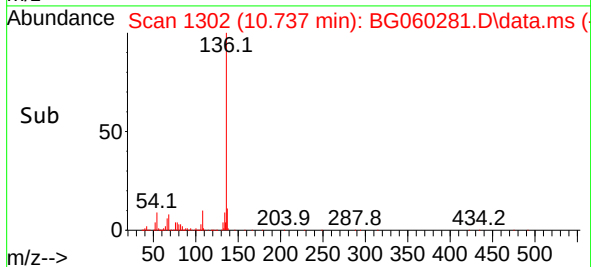
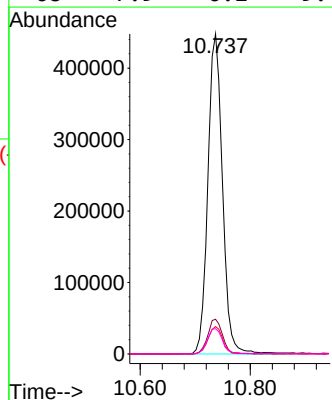
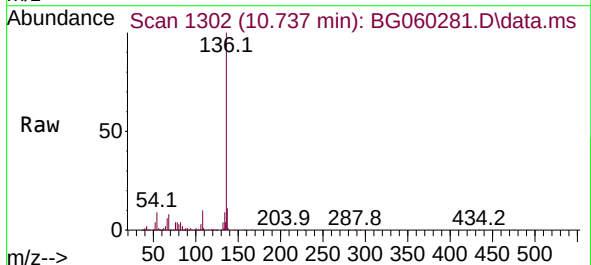
Instrument :
BNA_G
ClientSampleId :
COMP-3

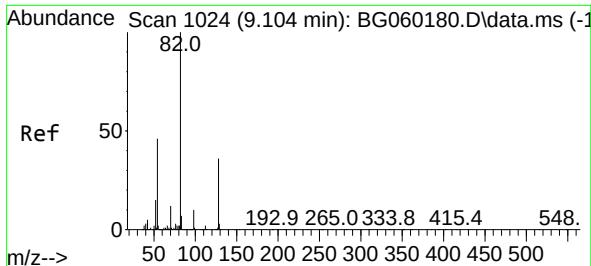
Tgt Ion: 99 Resp: 1955057
Ion Ratio Lower Upper
99 100
42 14.2 12.5 18.7
71 29.0 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

Tgt Ion:136 Resp: 822856
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 8.6 7.4 11.2
68 7.9 6.2 9.4





#23

Nitrobenzene-d5

Concen: 64.142 ng

RT: 9.092 min Scan# 1022

Delta R.T. -0.013 min

Lab File: BG060281.D

Acq: 5 Jan 2024 22:00

Instrument :

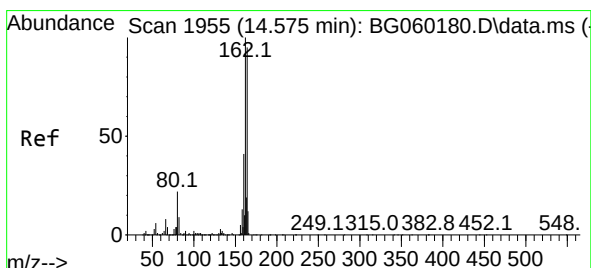
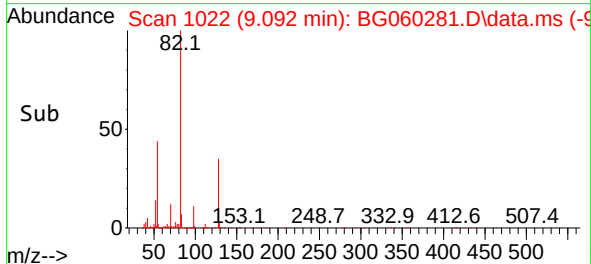
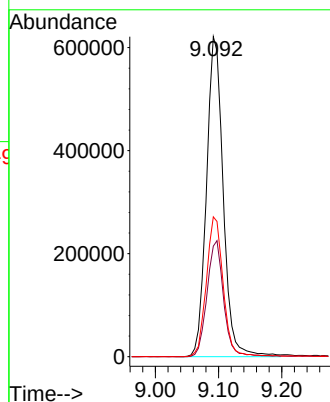
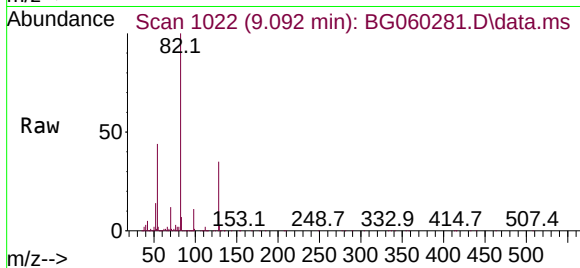
BNA_G

ClientSampleId :

COMP-3

Tgt Ion: 82 Resp: 1142674

Ion	Ratio	Lower	Upper
82	100		
128	34.6	28.7	43.1
54	43.7	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1954

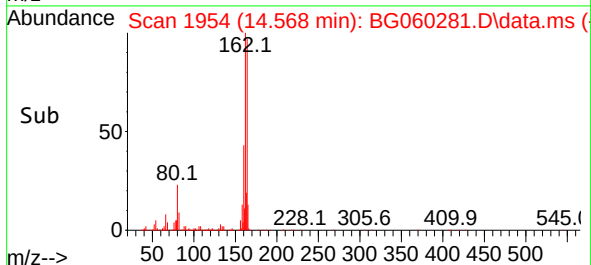
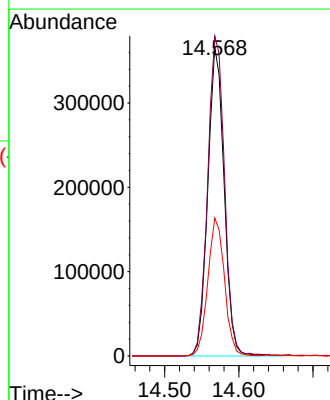
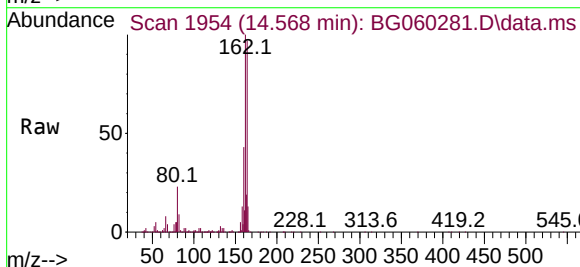
Delta R.T. -0.007 min

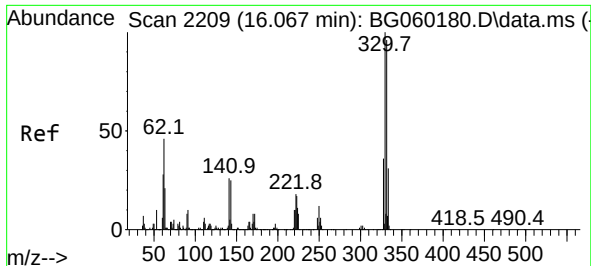
Lab File: BG060281.D

Acq: 5 Jan 2024 22:00

Tgt Ion:164 Resp: 560630

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.9	125.9
160	44.6	34.2	51.4

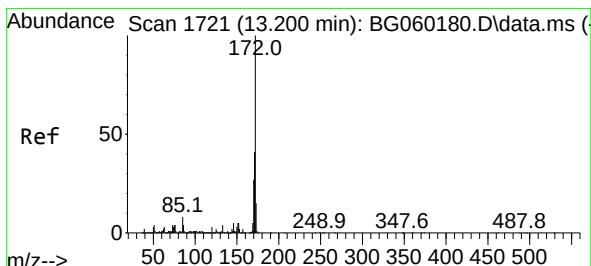
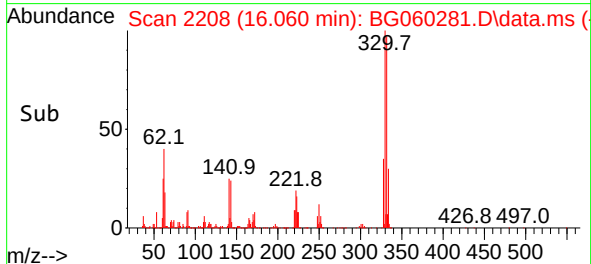
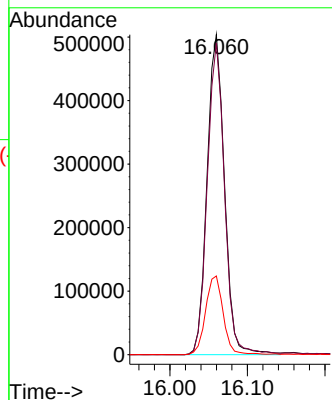
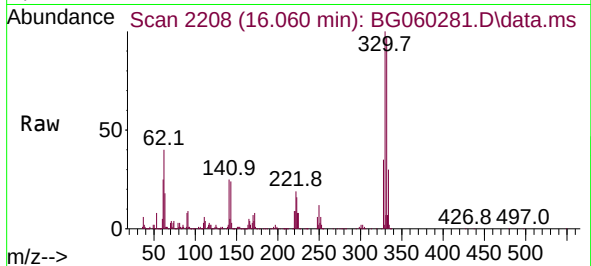




#42
2,4,6-Tribromophenol
Concen: 105.031 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

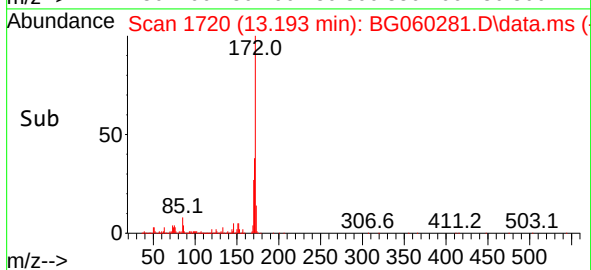
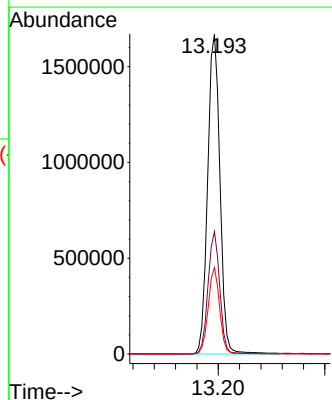
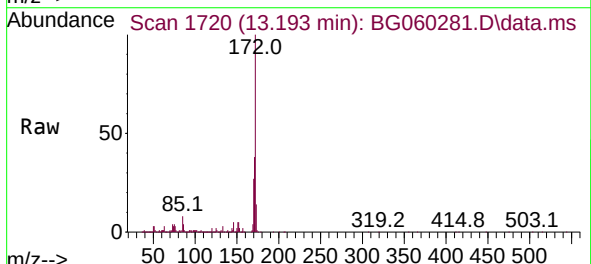
Instrument :
BNA_G
ClientSampleId :
COMP-3

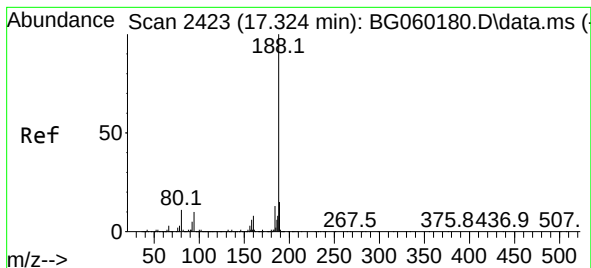
Tgt Ion:330 Resp: 788217
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 24.8 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 68.355 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG060281.D
Acq: 5 Jan 2024 22:00

Tgt Ion:172 Resp: 2666368
Ion Ratio Lower Upper
172 100
171 38.2 32.6 48.8
170 27.0 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.317 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG060281.D

Acq: 5 Jan 2024 22:00

Instrument :

BNA_G

ClientSampleId :

COMP-3

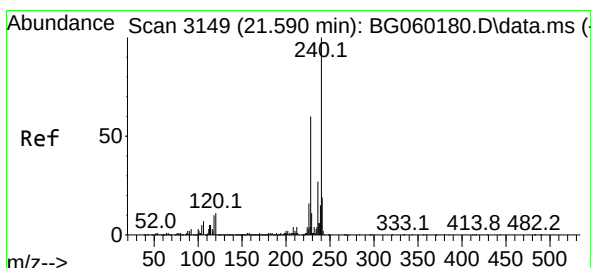
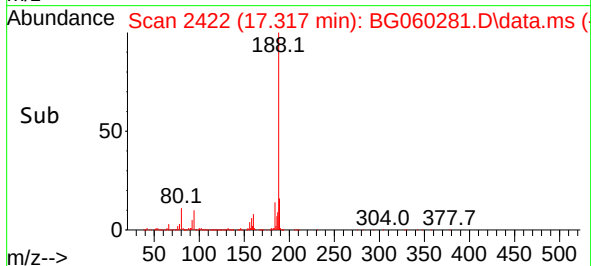
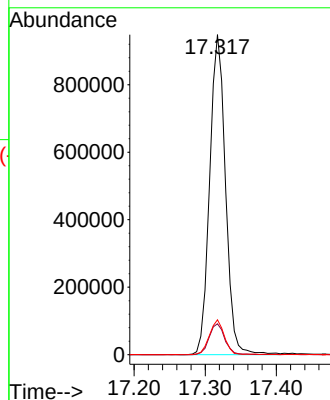
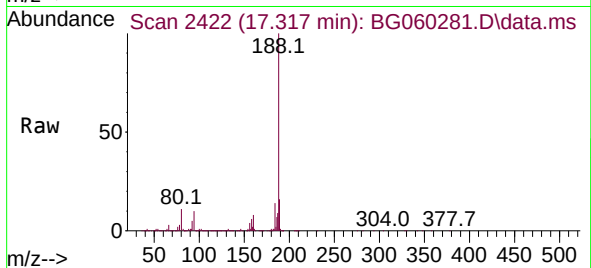
Tgt Ion:188 Resp: 1469208

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 10.9 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3148

Delta R.T. -0.007 min

Lab File: BG060281.D

Acq: 5 Jan 2024 22:00

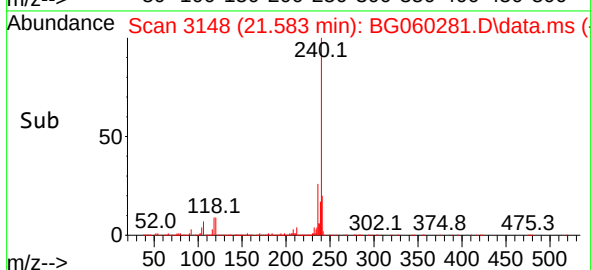
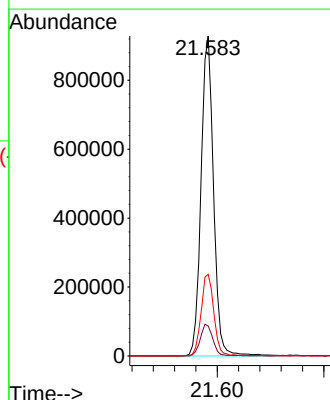
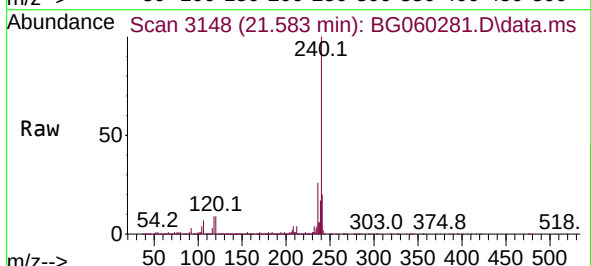
Tgt Ion:240 Resp: 1506873

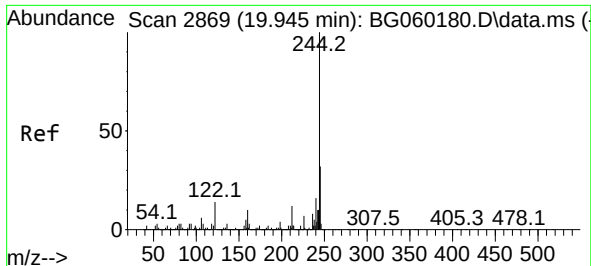
Ion Ratio Lower Upper

240 100

120 9.4 8.5 12.7

236 25.5 21.4 32.2

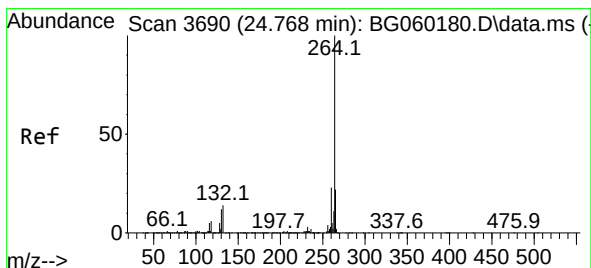
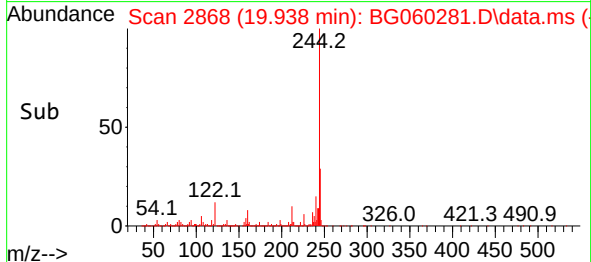
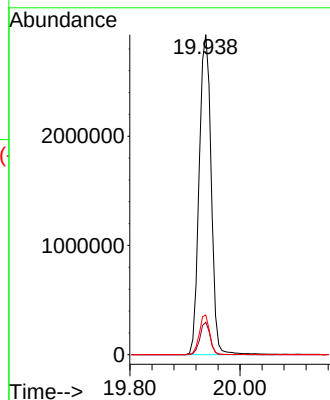
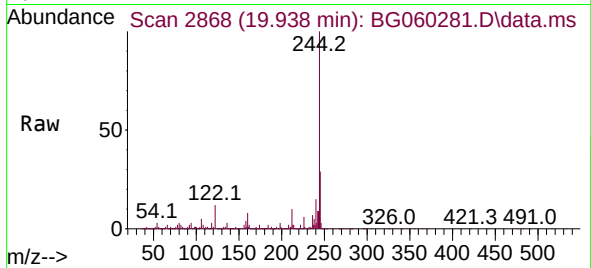




#79
 Terphenyl-d14
 Concen: 56.644 ng
 RT: 19.938 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060281.D
 Acq: 5 Jan 2024 22:00

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Tgt Ion:244 Resp: 4439814
 Ion Ratio Lower Upper
 244 100
 212 10.2 9.5 14.3
 122 12.4 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.750 min Scan# 3687
 Delta R.T. -0.019 min
 Lab File: BG060281.D
 Acq: 5 Jan 2024 22:00

Tgt Ion:264 Resp: 1707201
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.0 27.0
 265 21.6 17.4 26.0

