

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011124\
 Data File : BG060308.D
 Acq On : 11 Jan 2024 13:58
 Operator : MA/JU
 Sample : P1100-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Jan 11 14:40:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	253083	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	950152	20.000	ng	0.00
39) Acenaphthene-d10	14.572	164	692773	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1649549	20.000	ng	0.00
76) Chrysene-d12	21.581	240	1630345	20.000	ng	0.00
86) Perylene-d12	24.748	264	1898849	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1692748	110.012	ng	0.00
7) Phenol-d6	7.092	99	2396989	105.202	ng	0.00
23) Nitrobenzene-d5	9.090	82	1407473	69.948	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1037389	101.778	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	3315258	66.533	ng	0.00
79) Terphenyl-d14	19.936	244	4850718	70.330	ng	0.00

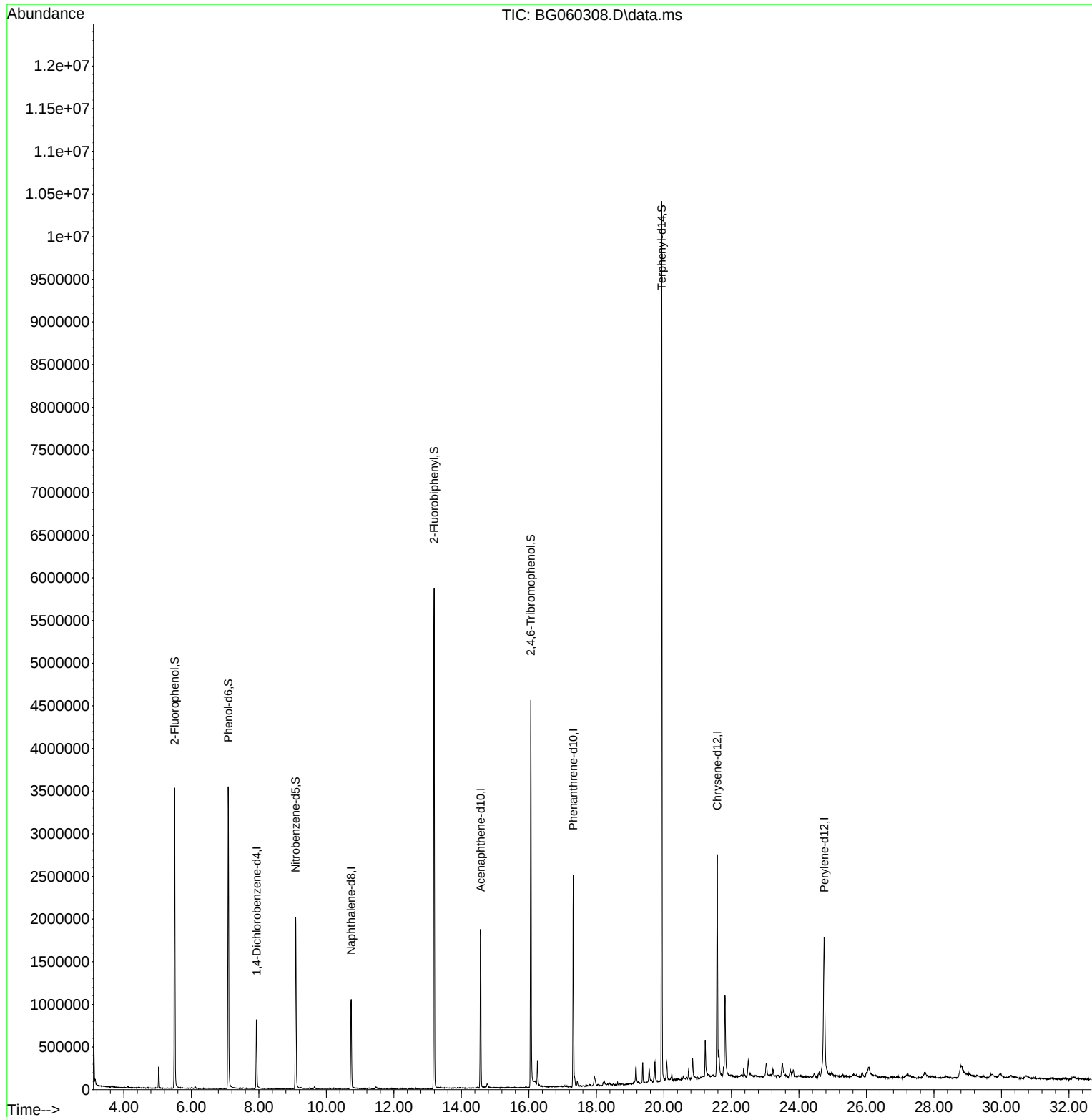
Target Compounds	Qvalue

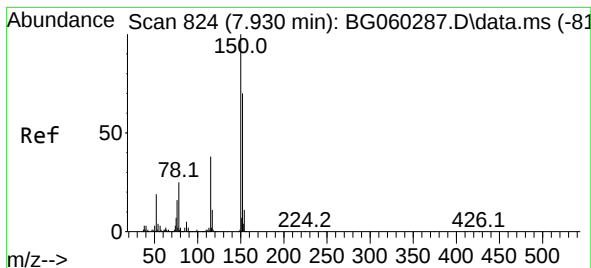
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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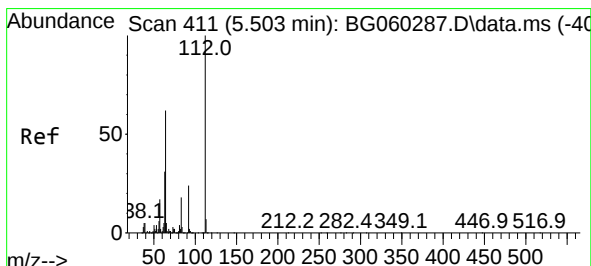
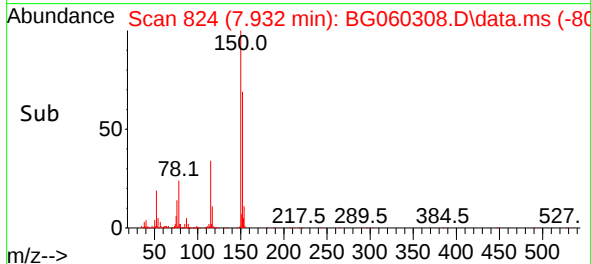
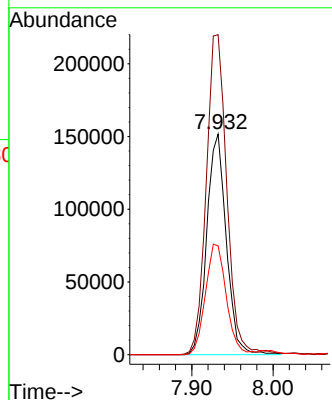
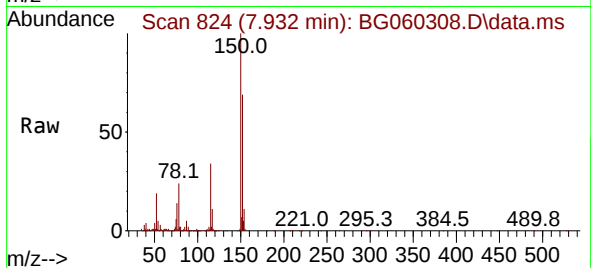




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG060308.D
Acq: 11 Jan 2024 13:58

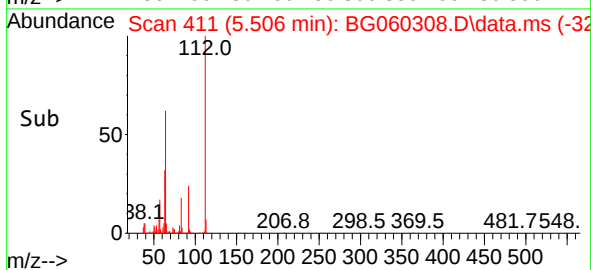
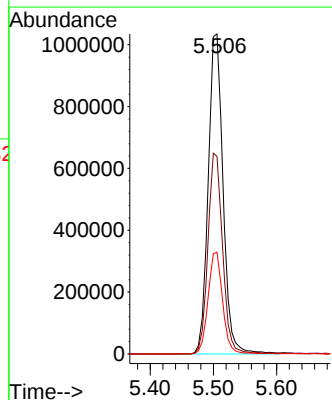
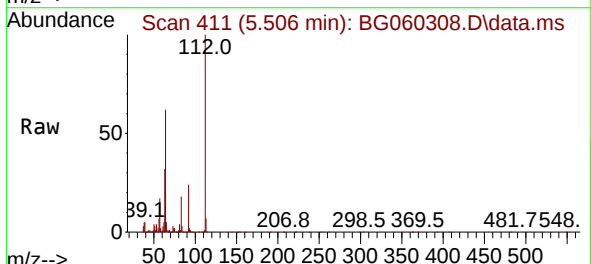
Instrument :
BNA_G
ClientSampleId :
COMP-1

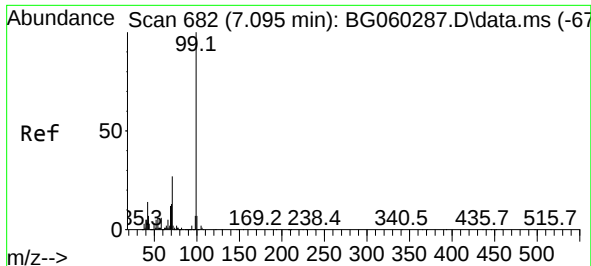
Tgt Ion:152 Resp: 253083
Ion Ratio Lower Upper
152 100
150 145.0 114.5 171.7
115 49.3 43.0 64.6



#5
2-Fluorophenol
Concen: 110.012 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060308.D
Acq: 11 Jan 2024 13:58

Tgt Ion:112 Resp: 1692748
Ion Ratio Lower Upper
112 100
64 61.8 49.8 74.6
63 31.8 24.4 36.6

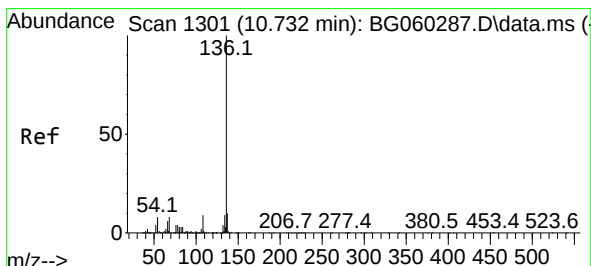
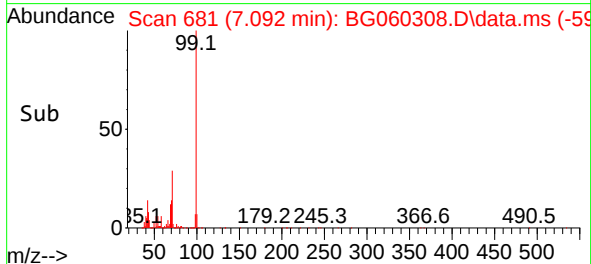
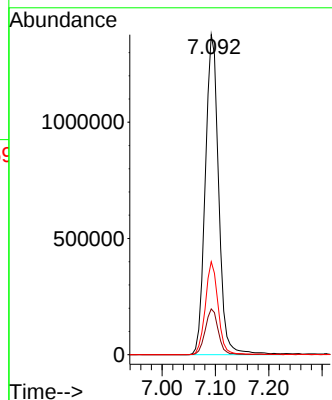
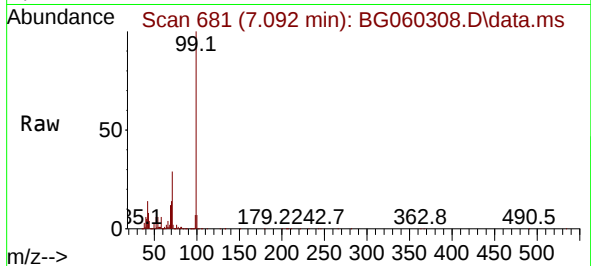




#7
Phenol-d6
Concen: 105.202 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060308.D
Acq: 11 Jan 2024 13:58

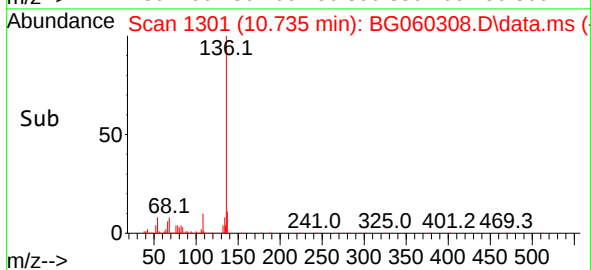
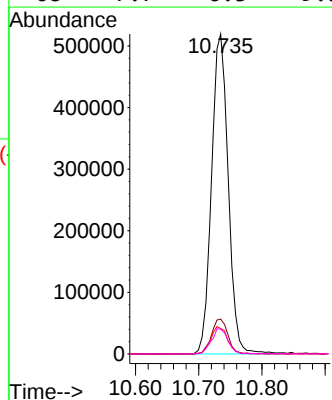
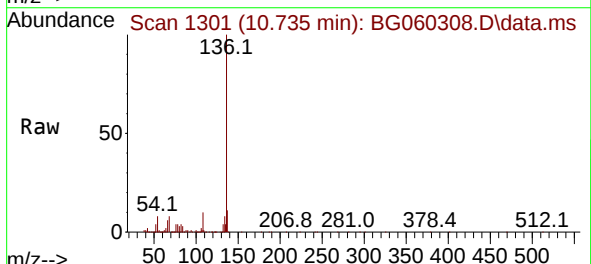
Instrument :
BNA_G
ClientSampleId :
COMP-1

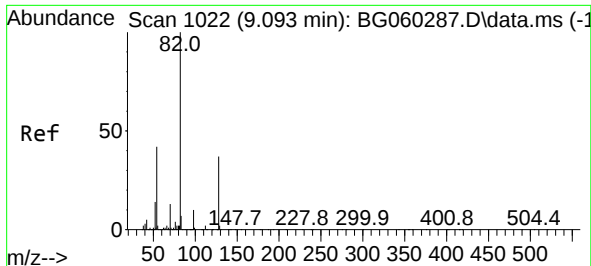
Tgt Ion: 99 Resp: 2396989
Ion Ratio Lower Upper
99 100
42 14.3 10.9 16.3
71 29.1 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 1301
Delta R.T. 0.003 min
Lab File: BG060308.D
Acq: 11 Jan 2024 13:58

Tgt Ion: 136 Resp: 950152
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 7.9 6.2 9.2
68 7.7 6.3 9.5





#23

Nitrobenzene-d5

Concen: 69.948 ng

RT: 9.090 min Scan# 1022

Delta R.T. -0.003 min

Lab File: BG060308.D

Acq: 11 Jan 2024 13:58

Instrument :

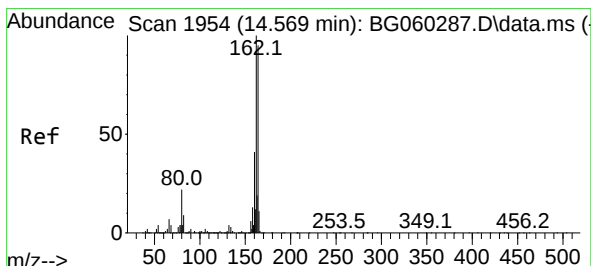
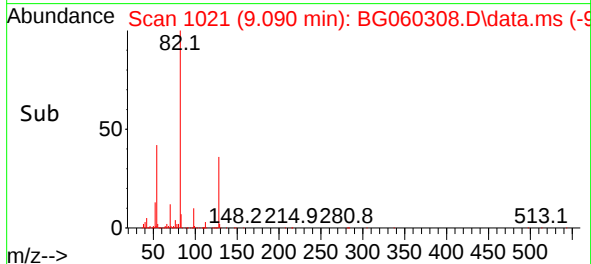
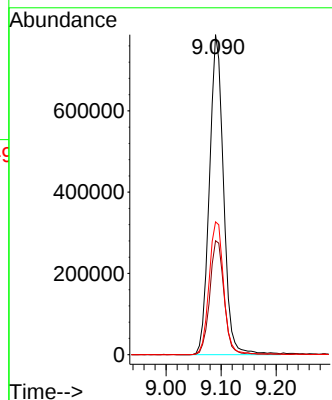
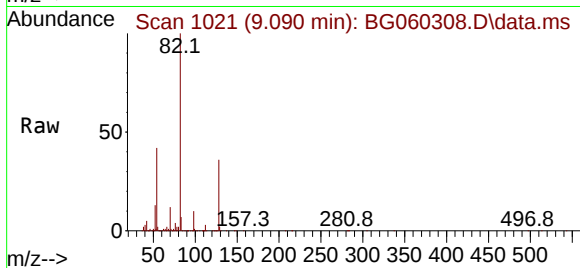
BNA_G

ClientSampleId :

COMP-1

Tgt Ion: 82 Resp: 1407473

Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.6	44.4
54	41.5	33.6	50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.572 min Scan# 1954

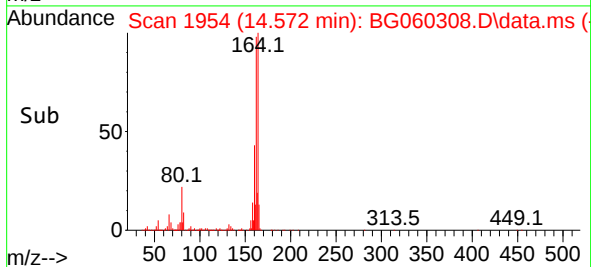
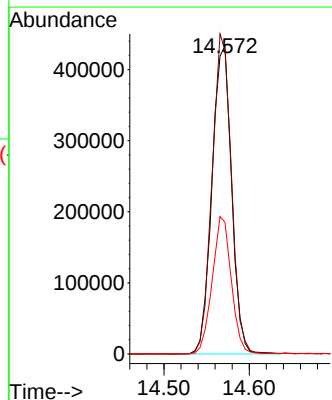
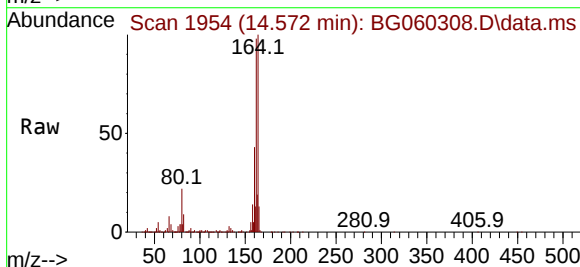
Delta R.T. 0.003 min

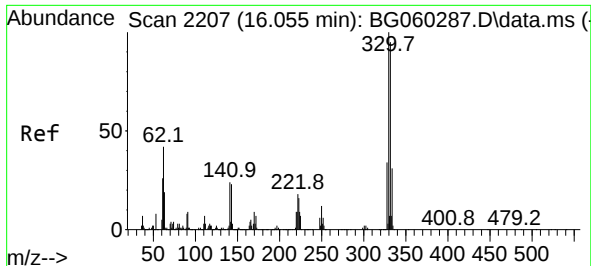
Lab File: BG060308.D

Acq: 11 Jan 2024 13:58

Tgt Ion:164 Resp: 692773

Ion	Ratio	Lower	Upper
164	100		
162	98.5	84.4	126.6
160	42.7	34.6	52.0

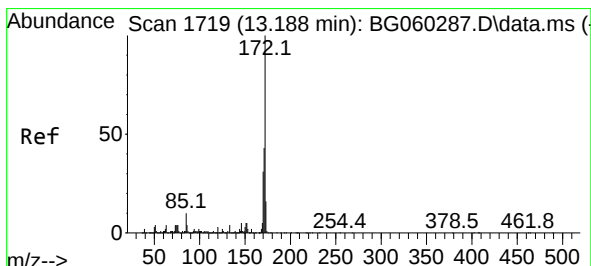
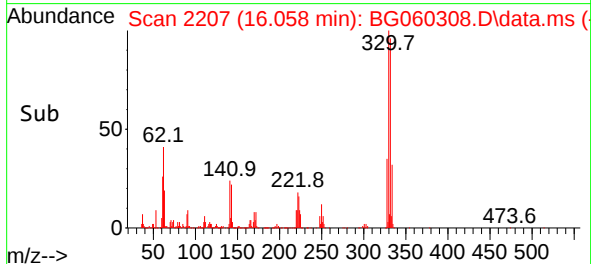
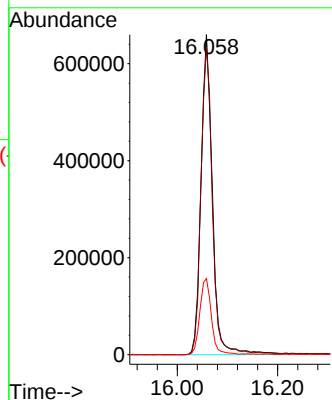
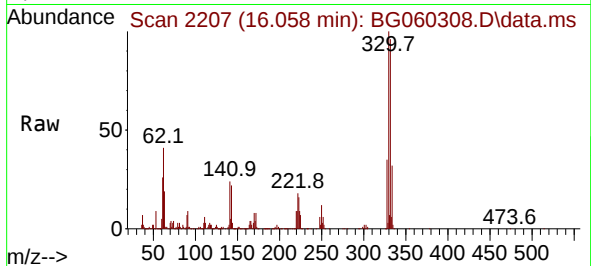




#42
2,4,6-Tribromophenol
Concen: 101.778 ng
RT: 16.058 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060308.D
Acq: 11 Jan 2024 13:58

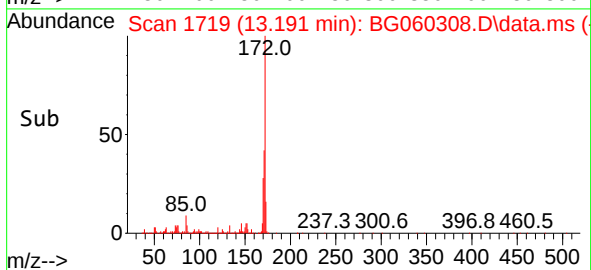
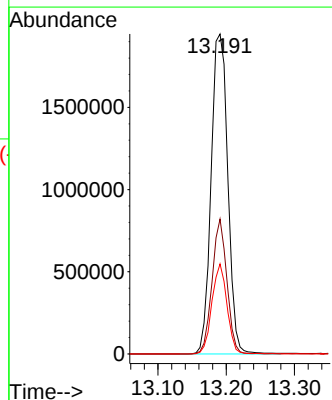
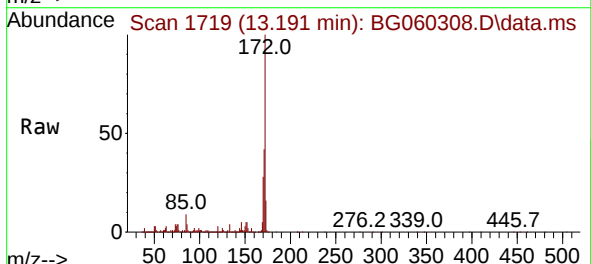
Instrument :
BNA_G
ClientSampleId :
COMP-1

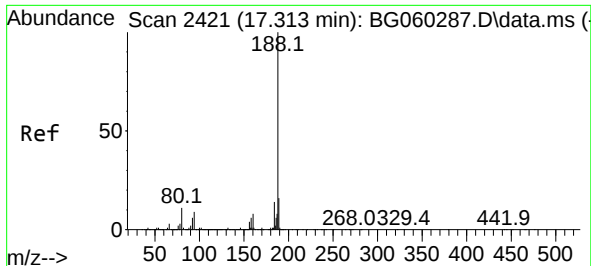
Tgt Ion:330 Resp: 1037389
Ion Ratio Lower Upper
330 100
332 97.6 76.7 115.1
141 24.1 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 66.533 ng
RT: 13.191 min Scan# 1719
Delta R.T. 0.003 min
Lab File: BG060308.D
Acq: 11 Jan 2024 13:58

Tgt Ion:172 Resp: 3315258
Ion Ratio Lower Upper
172 100
171 42.1 34.6 51.8
170 28.2 24.4 36.6

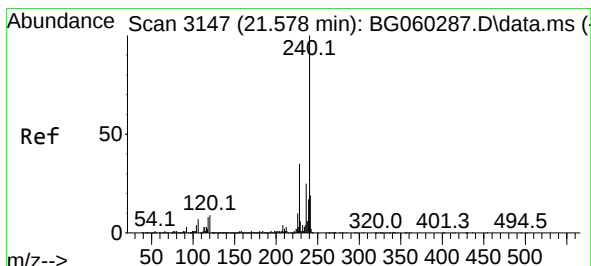
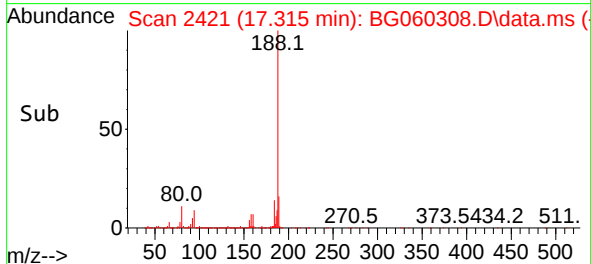
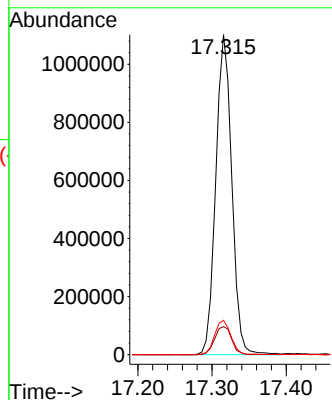
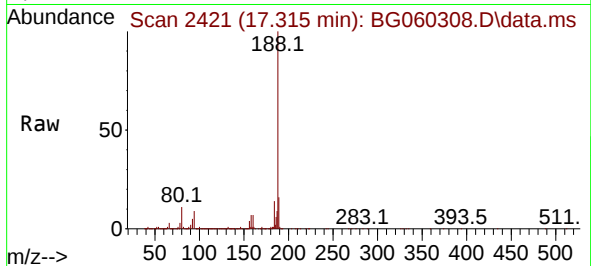




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2421
Delta R.T. 0.003 min
Lab File: BG060308.D
Acq: 11 Jan 2024 13:58

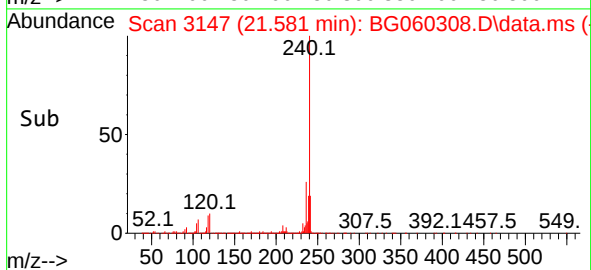
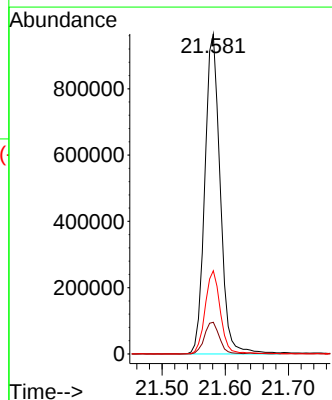
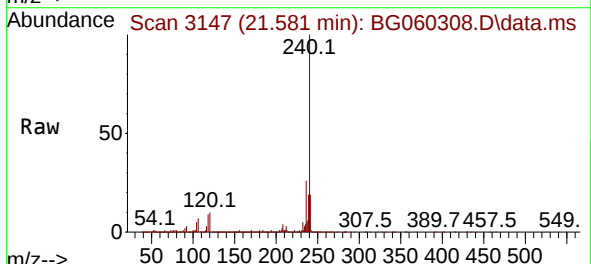
Instrument :
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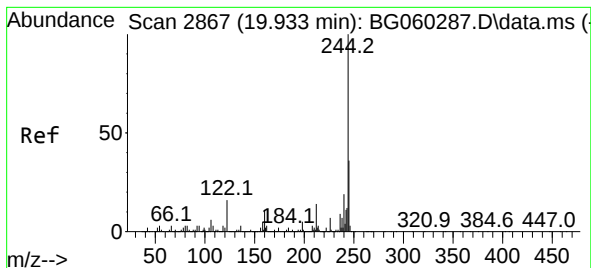
Tgt Ion:188 Resp: 1649549
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 10.8 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3147
Delta R.T. 0.003 min
Lab File: BG060308.D
Acq: 11 Jan 2024 13:58

Tgt Ion:240 Resp: 1630345
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 70.330 ng

RT: 19.936 min Scan# 2

Delta R.T. 0.003 min

Lab File: BG060308.D

Acq: 11 Jan 2024 13:58

Instrument :

BNA_G

ClientSampleId :

COMP-1

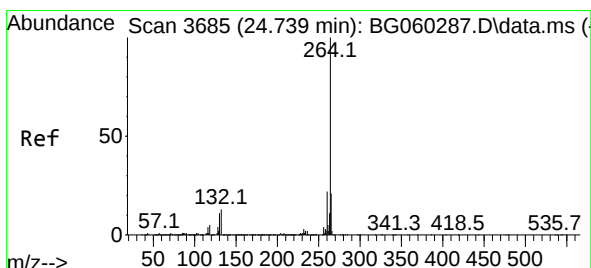
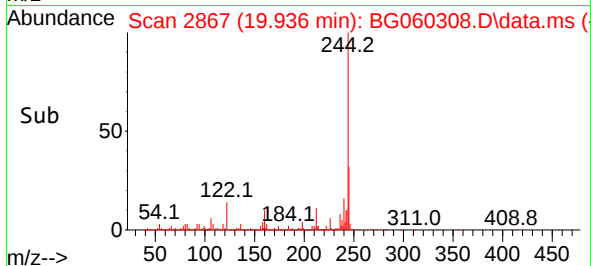
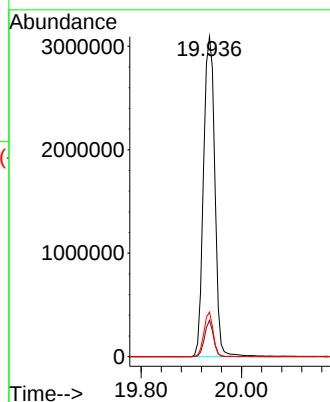
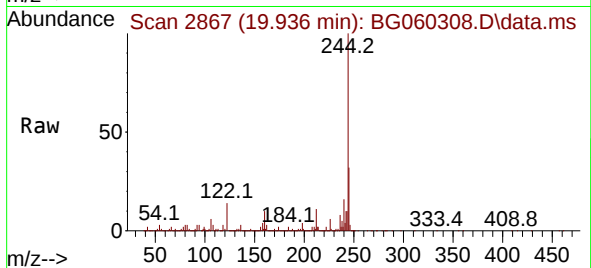
Tgt Ion:244 Resp: 4850718

Ion Ratio Lower Upper

244 100

212 11.4 10.9 16.3

122 13.9 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.748 min Scan# 3686

Delta R.T. 0.009 min

Lab File: BG060308.D

Acq: 11 Jan 2024 13:58

Tgt Ion:264 Resp: 1898849

Ion Ratio Lower Upper

264 100

260 22.6 17.8 26.6

265 21.0 16.8 25.2

