

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060655.D
Acq On : 15 Mar 2024 2:42
Operator : MA/JU
Sample : P1491-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

Quant Time: Mar 15 04:31:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:45:22 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.319	152	83483	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	400680	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	279612	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	595496	20.000	ng	0.00
76) Chrysene-d12	22.009	240	530980	20.000	ng	-0.02
86) Perylene-d12	25.570	264	610683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	300312	56.549	ng	0.00
7) Phenol-d6	7.432	99	259010	33.622	ng	0.00
23) Nitrobenzene-d5	9.524	82	674923	87.665	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	456995	141.042	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	1763337	85.265	ng	0.00
79) Terphenyl-d14	20.276	244	2547721	86.728	ng	0.00

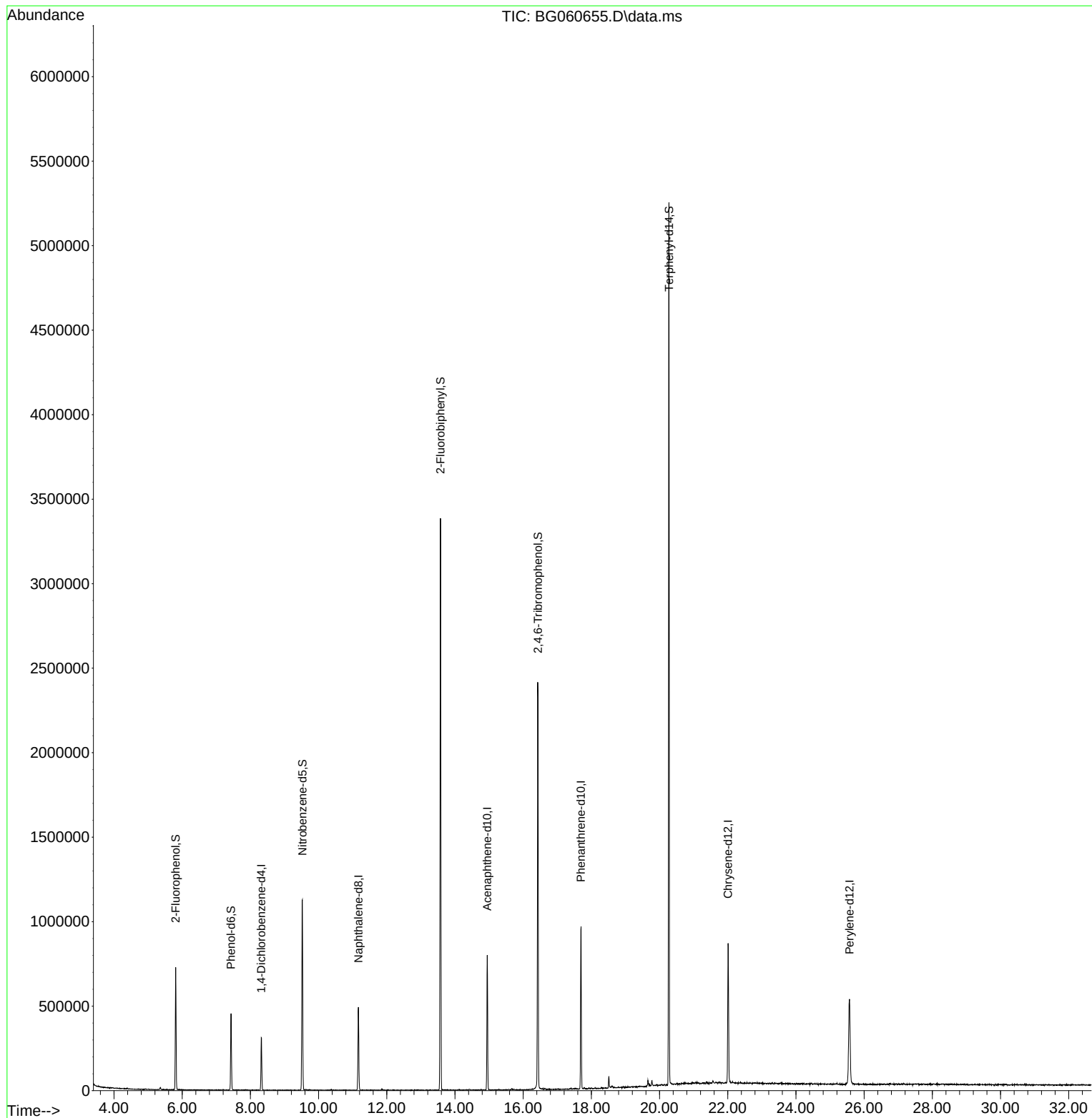
Target Compounds	Qvalue

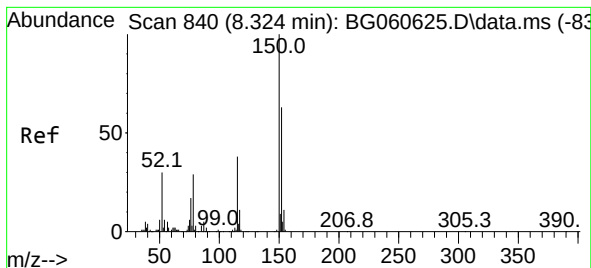
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.319 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG060655.D

Acq: 15 Mar 2024 2:42

Instrument :

BNA_G

ClientSampleId :

20241095-35N-N-FIELD-BLANK-1

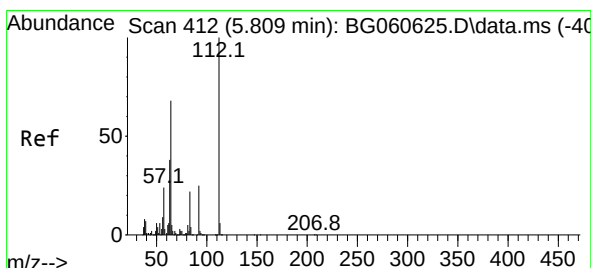
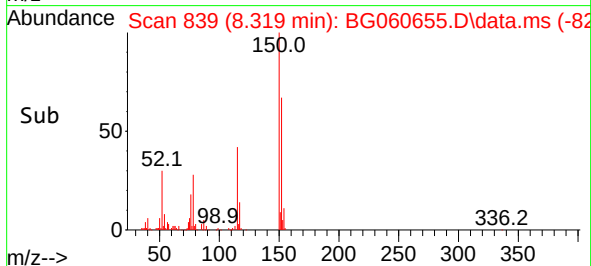
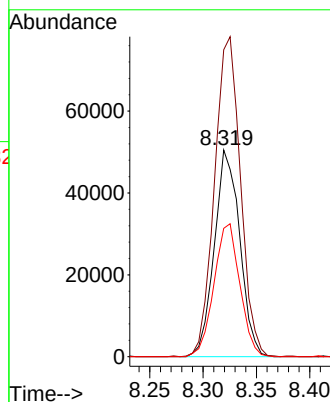
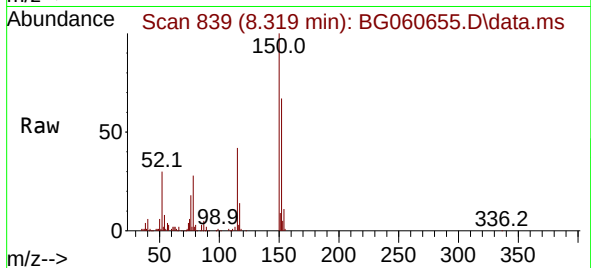
Tgt Ion:152 Resp: 83483

Ion Ratio Lower Upper

152 100

150 148.4 126.6 190.0

115 62.1 47.8 71.8



#5

2-Fluorophenol

Concen: 56.549 ng

RT: 5.811 min Scan# 412

Delta R.T. 0.001 min

Lab File: BG060655.D

Acq: 15 Mar 2024 2:42

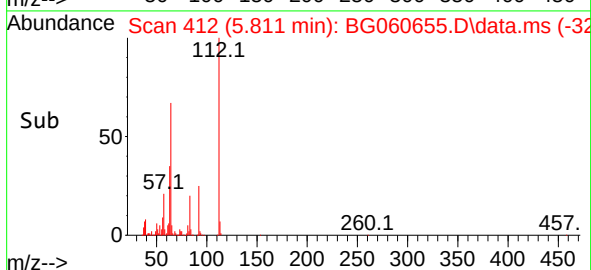
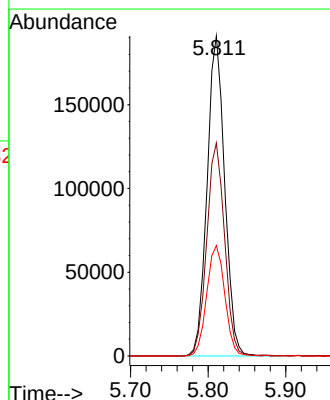
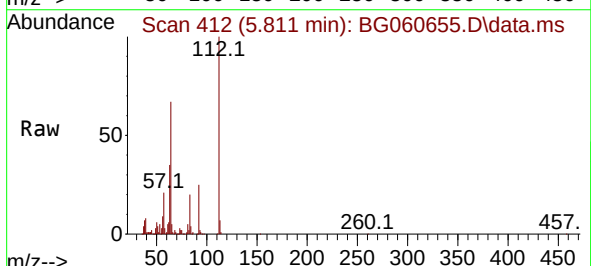
Tgt Ion:112 Resp: 300312

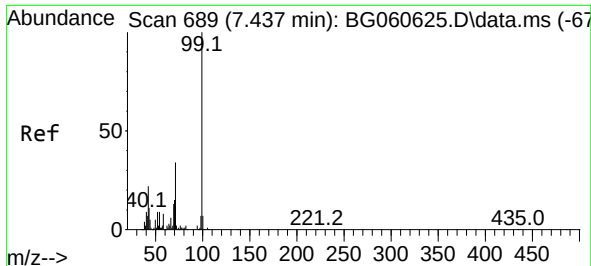
Ion Ratio Lower Upper

112 100

64 66.6 54.1 81.1

63 34.5 30.3 45.5

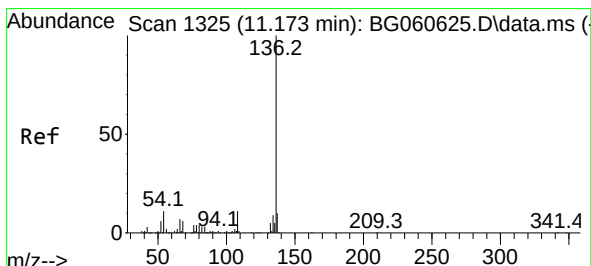
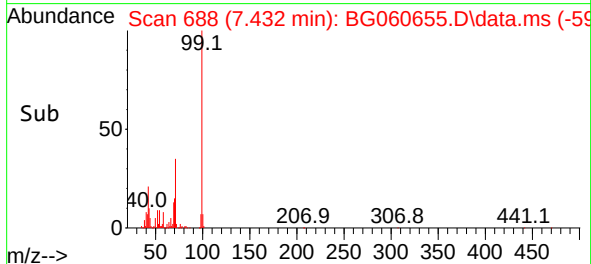
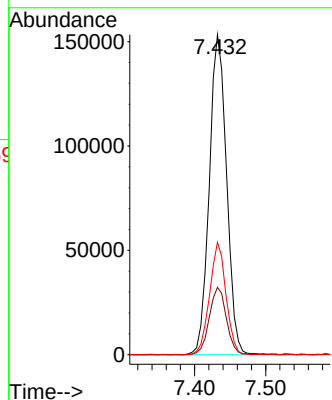
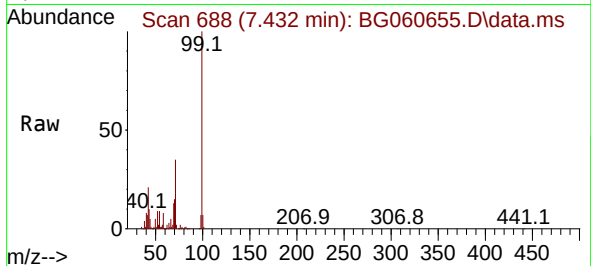




#7
Phenol-d6
Concen: 33.622 ng
RT: 7.432 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

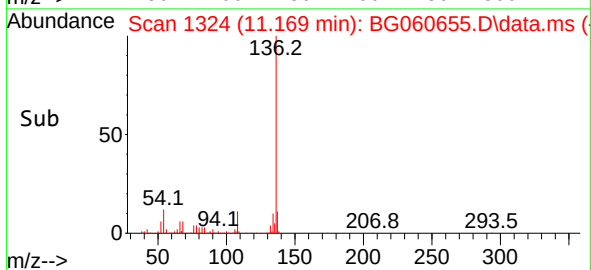
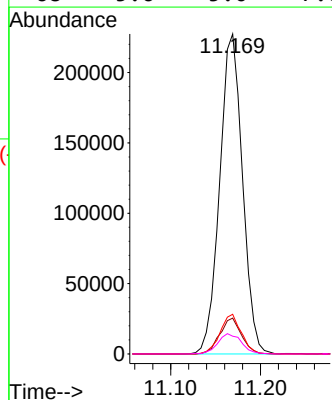
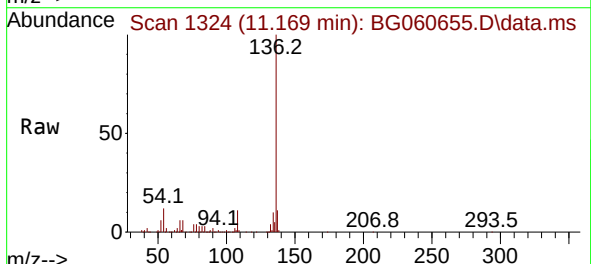
Instrument :
BNA_G
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

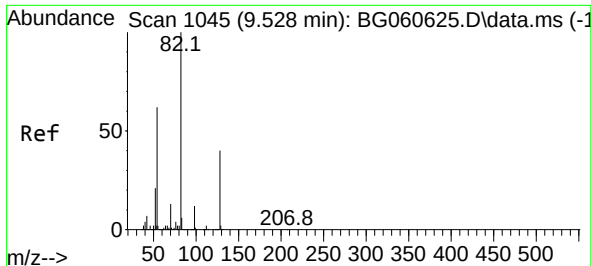
Tgt Ion: 99 Resp: 259010
Ion Ratio Lower Upper
99 100
42 21.1 17.5 26.3
71 35.2 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion:136 Resp: 400680
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 12.4 8.5 12.7
68 5.6 5.0 7.6

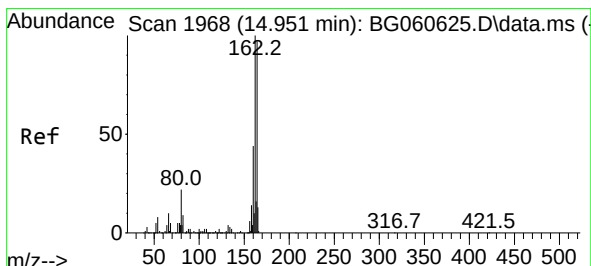
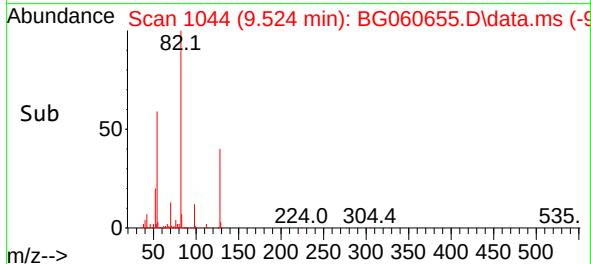
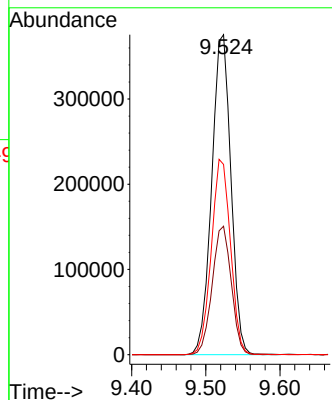
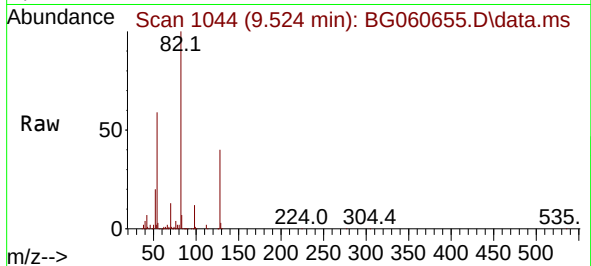




#23
Nitrobenzene-d5
Concen: 87.665 ng
RT: 9.524 min Scan# 1044
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

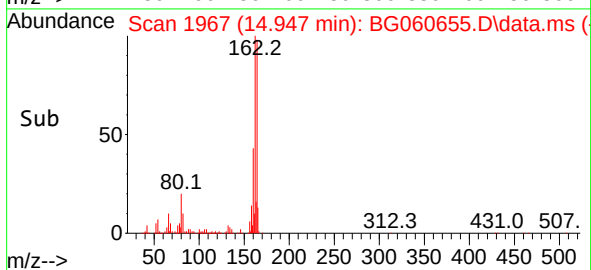
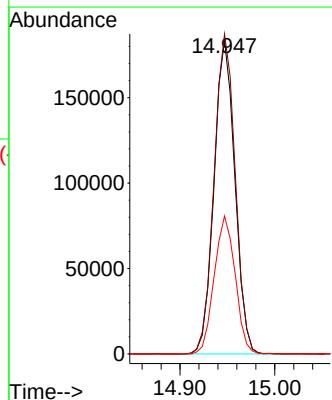
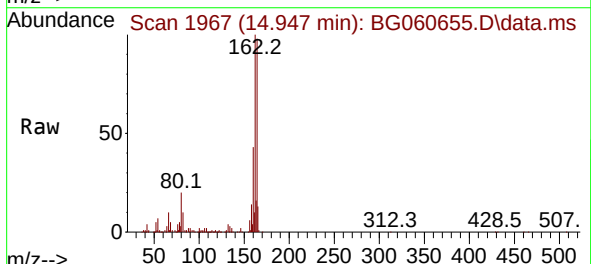
Instrument :
BNA_G
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

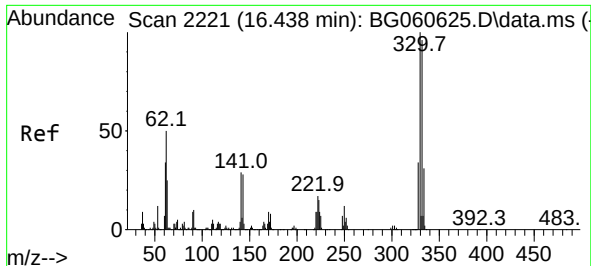
Tgt Ion: 82 Resp: 674923
Ion Ratio Lower Upper
82 100
128 40.1 31.6 47.4
54 59.5 49.3 73.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion: 164 Resp: 279612
Ion Ratio Lower Upper
164 100
162 101.9 82.5 123.7
160 43.9 36.4 54.6

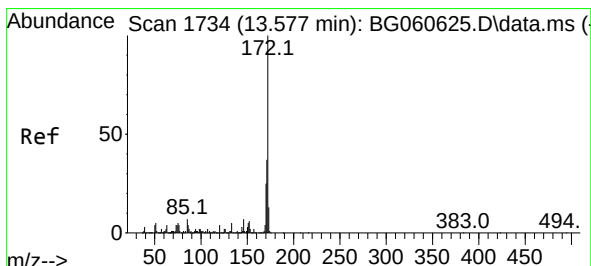
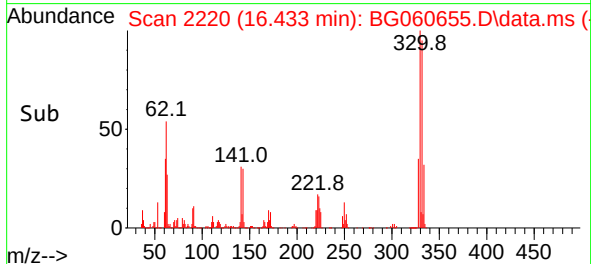
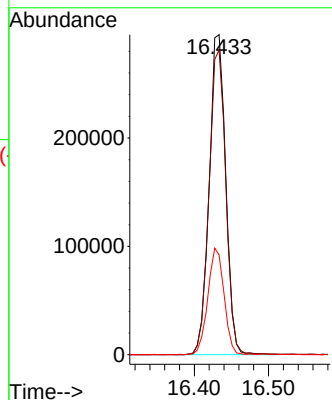
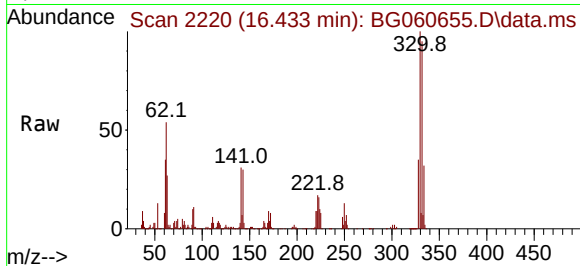




#42
2,4,6-Tribromophenol
Concen: 141.042 ng
RT: 16.433 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

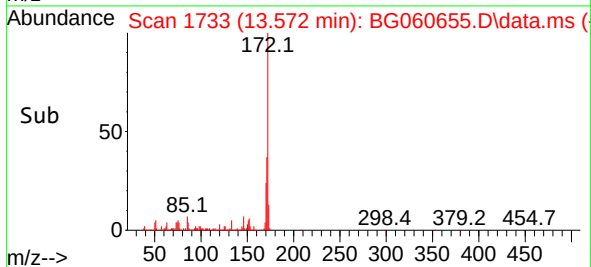
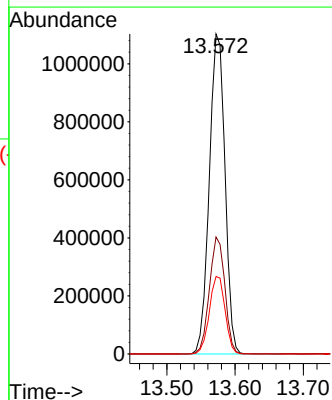
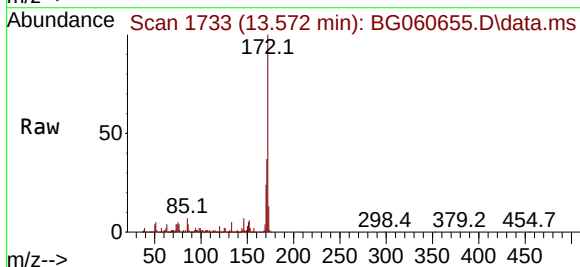
Instrument :
BNA_G
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

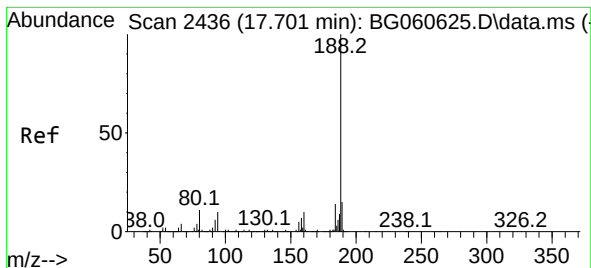
Tgt Ion:330 Resp: 456995
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 32.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 85.265 ng
RT: 13.572 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BG060655.D
Acq: 15 Mar 2024 2:42

Tgt Ion:172 Resp: 1763337
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 24.2 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.697 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BG060655.D

Acq: 15 Mar 2024 2:42

Instrument :

BNA_G

ClientSampleId :

20241095-35N-N-FIELD-BLANK-1

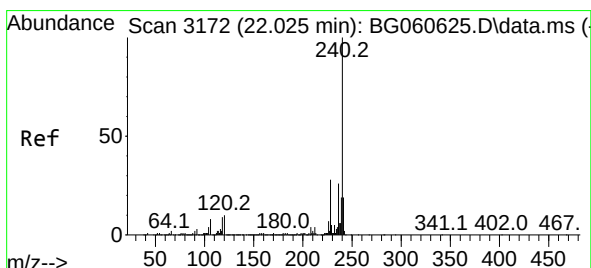
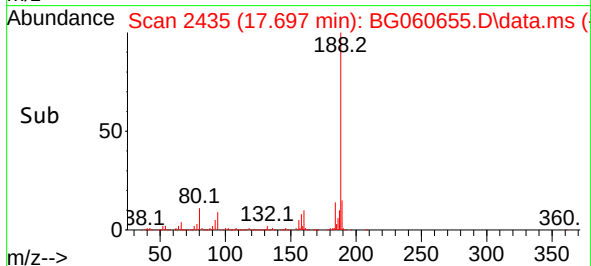
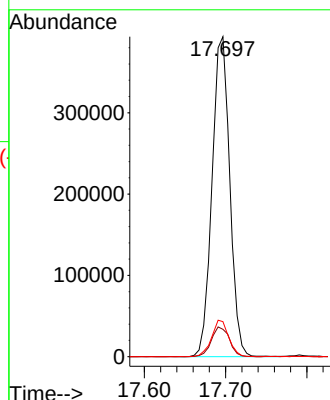
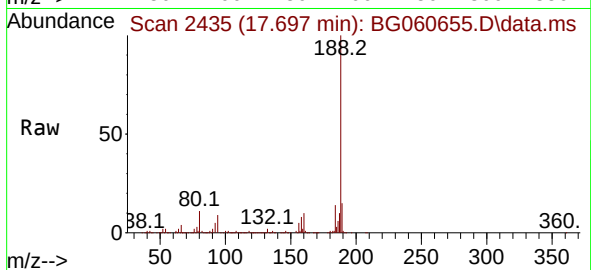
Tgt Ion:188 Resp: 595496

Ion Ratio Lower Upper

188 100

94 8.5 7.9 11.9

80 10.9 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.009 min Scan# 3169

Delta R.T. -0.016 min

Lab File: BG060655.D

Acq: 15 Mar 2024 2:42

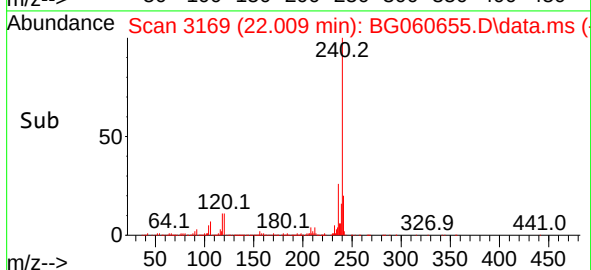
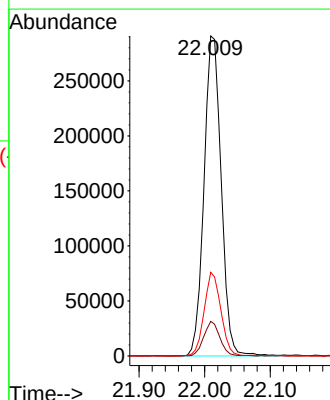
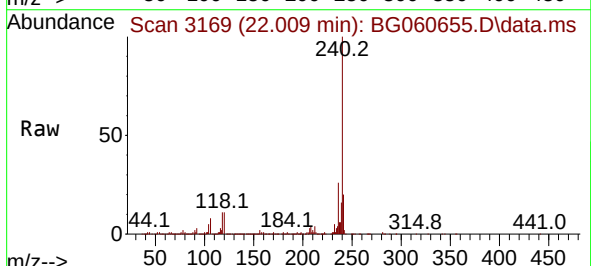
Tgt Ion:240 Resp: 530980

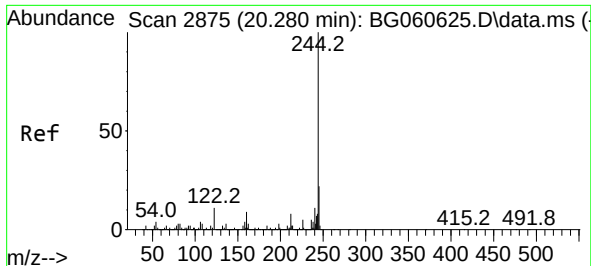
Ion Ratio Lower Upper

240 100

120 10.8 7.8 11.8

236 26.2 20.6 31.0

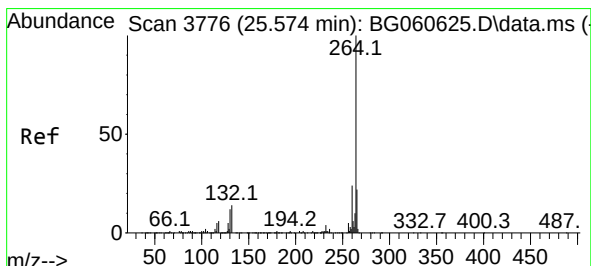
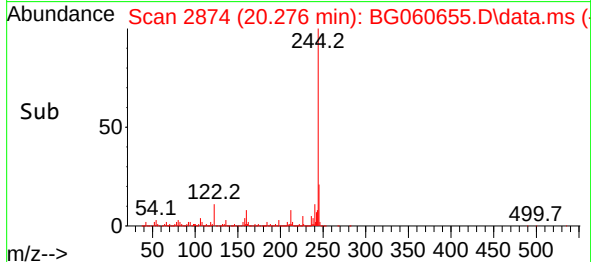
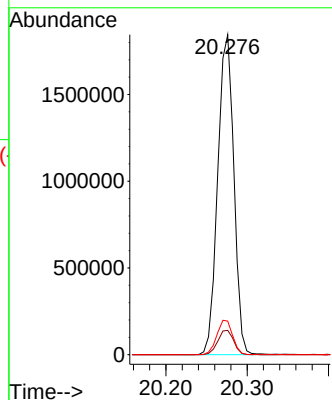
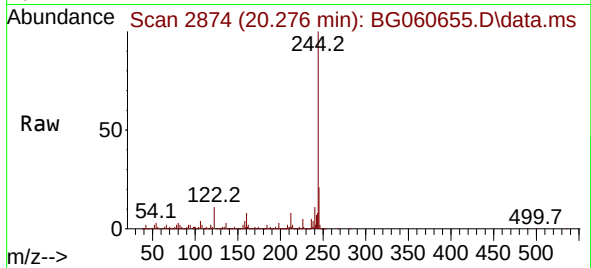




#79
 Terphenyl-d14
 Concen: 86.728 ng
 RT: 20.276 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060655.D
 Acq: 15 Mar 2024 2:42

Instrument :
 BNA_G
 ClientSampleId :
 20241095-35N-N-FIELD-BLANK-1

Tgt Ion:244 Resp: 2547721
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 10.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.570 min Scan# 3775
 Delta R.T. -0.005 min
 Lab File: BG060655.D
 Acq: 15 Mar 2024 2:42

Tgt Ion:264 Resp: 610683
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.2
 265 20.3 18.1 27.1

