

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060715.D
 Acq On : 1 Apr 2024 14:37
 Operator : MA/JU
 Sample : P1917-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CCM-2

Quant Time: Apr 01 15:07:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	57657	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	255570	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	204354	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	523535	20.000	ng	0.00
76) Chrysene-d12	21.590	240	496731	20.000	ng	-0.01
86) Perylene-d12	24.722	264	577021	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	293667	84.849	ng	0.00
7) Phenol-d6	7.107	99	434877	84.648	ng	0.00
23) Nitrobenzene-d5	9.105	82	220055	49.132	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	155206	66.906	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	705696	50.682	ng	0.00
79) Terphenyl-d14	19.957	244	1552242	55.025	ng	0.00

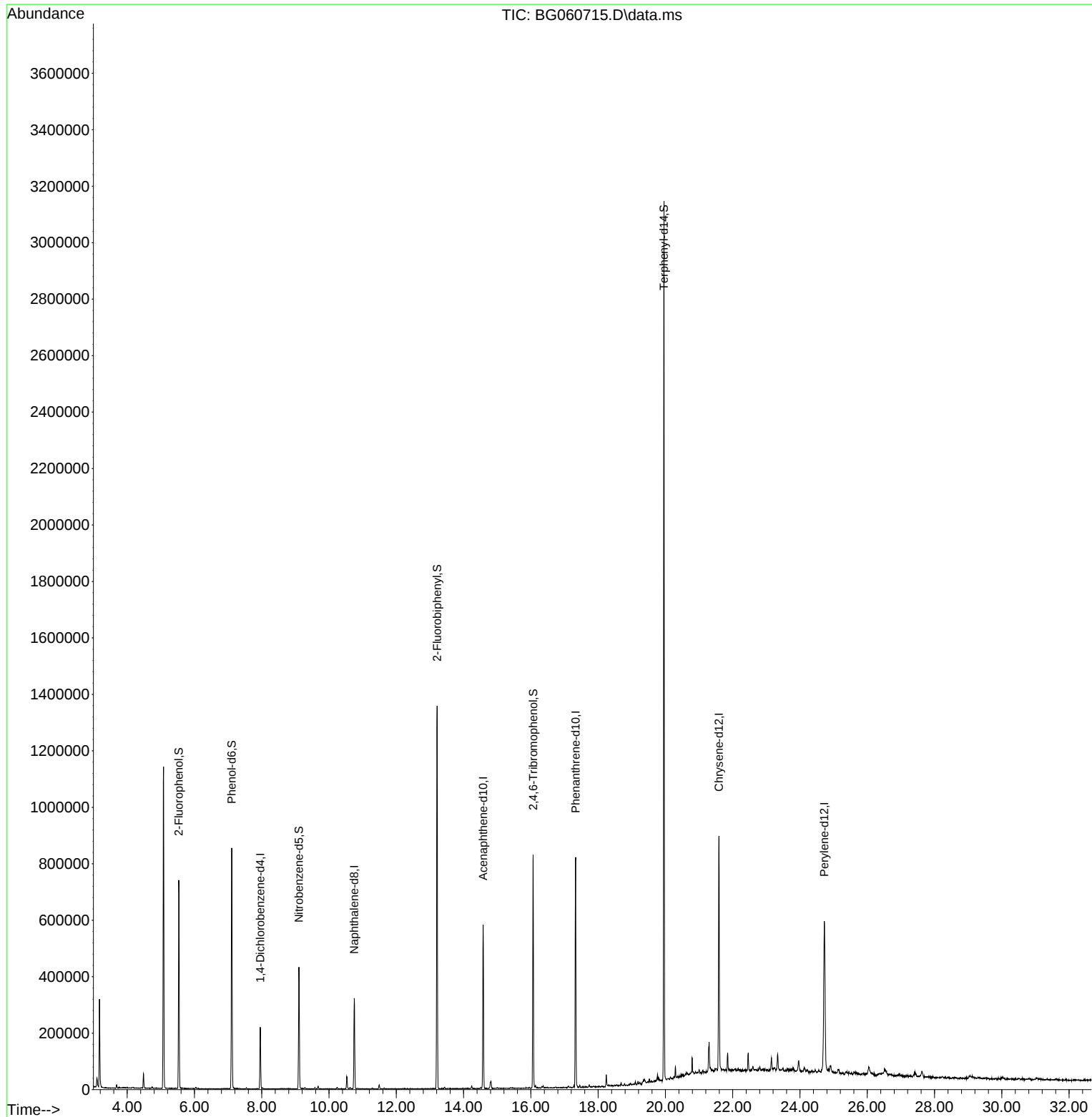
Target Compounds	Qvalue

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

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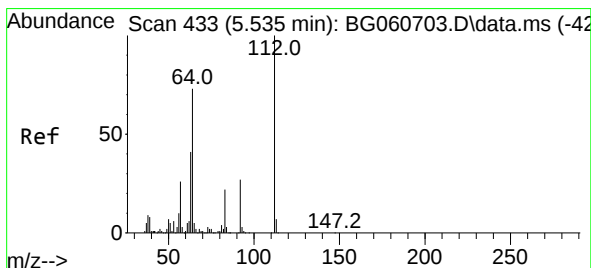
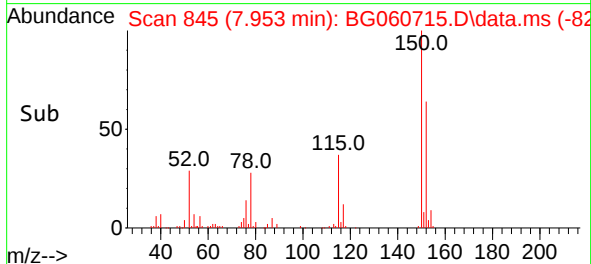
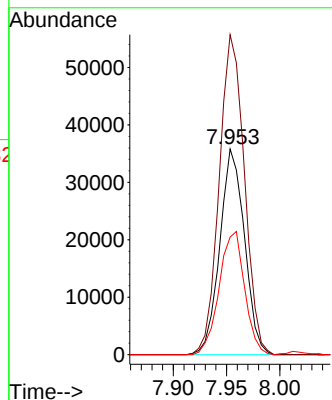
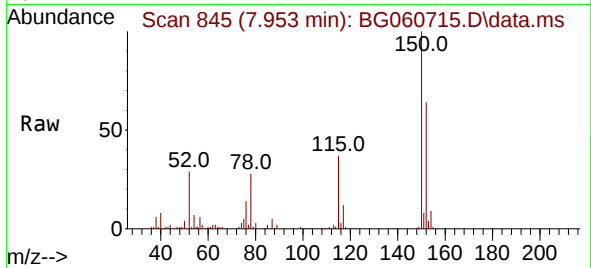




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060715.D
Acq: 1 Apr 2024 14:37

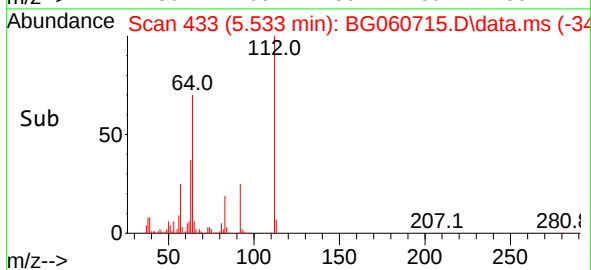
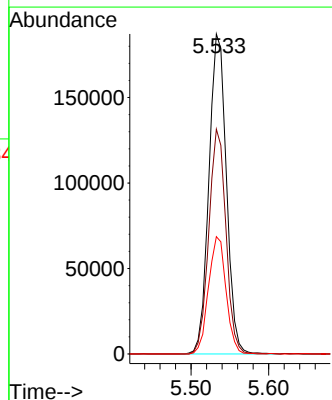
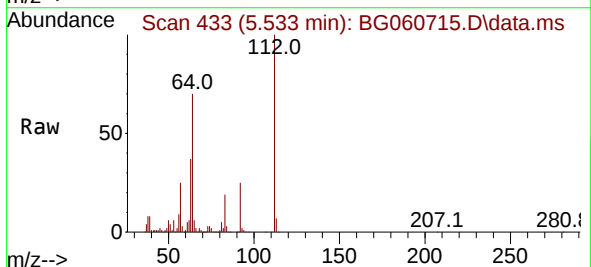
Instrument :
BNA_G
ClientSampleId :
CCM-2

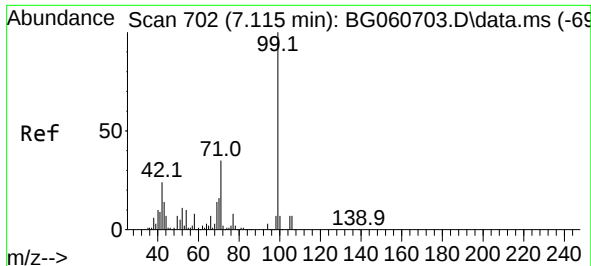
Tgt Ion:152 Resp: 57657
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.4
115 57.2 51.6 77.4



#5
2-Fluorophenol
Concen: 84.849 ng
RT: 5.533 min Scan# 433
Delta R.T. -0.002 min
Lab File: BG060715.D
Acq: 1 Apr 2024 14:37

Tgt Ion:112 Resp: 293667
Ion Ratio Lower Upper
112 100
64 70.3 58.4 87.6
63 36.6 32.7 49.1

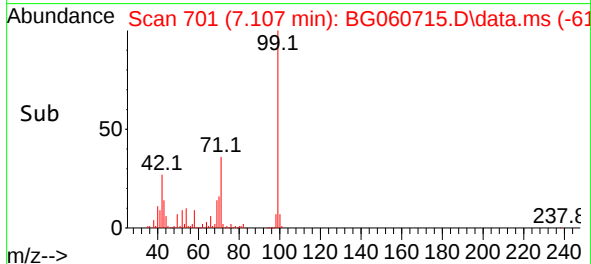
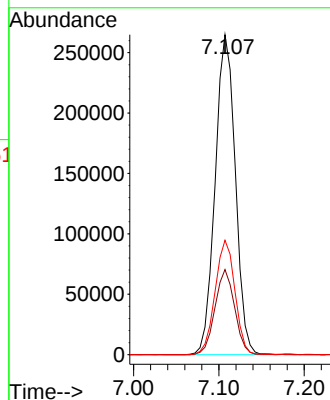
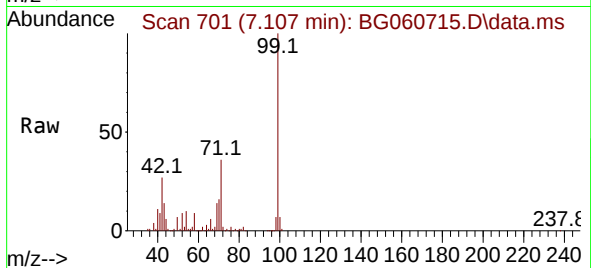




#7
Phenol-d6
Concen: 84.648 ng
RT: 7.107 min Scan# 702
Delta R.T. -0.008 min
Lab File: BG060715.D
Acq: 1 Apr 2024 14:37

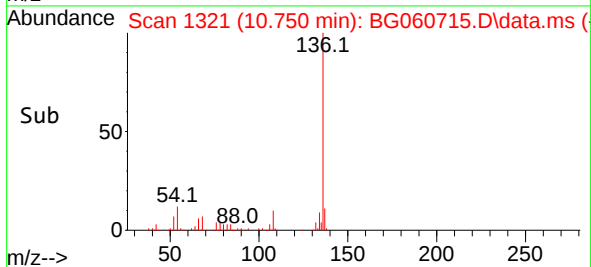
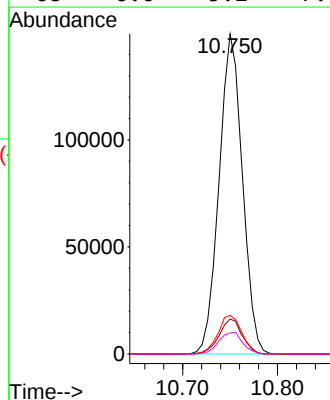
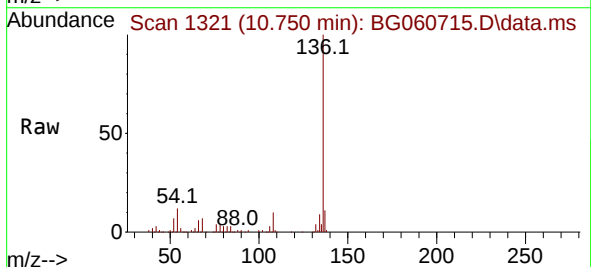
Instrument :
BNA_G
ClientSampleId :
CCM-2

Tgt Ion: 99 Resp: 434877
Ion Ratio Lower Upper
99 100
42 26.6 19.4 29.2
71 35.7 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG060715.D
Acq: 1 Apr 2024 14:37

Tgt Ion:136 Resp: 255570
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 12.1 10.2 15.2
68 6.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 49.132 ng

RT: 9.105 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG060715.D

Acq: 1 Apr 2024 14:37

Instrument :

BNA_G

ClientSampleId :

CCM-2

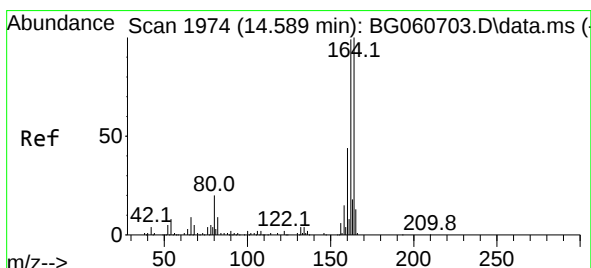
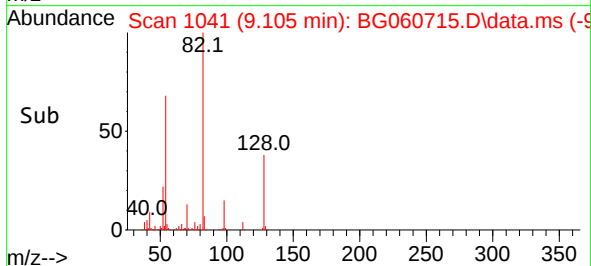
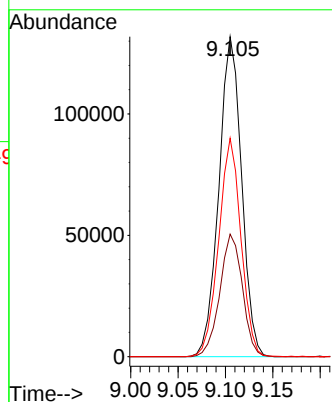
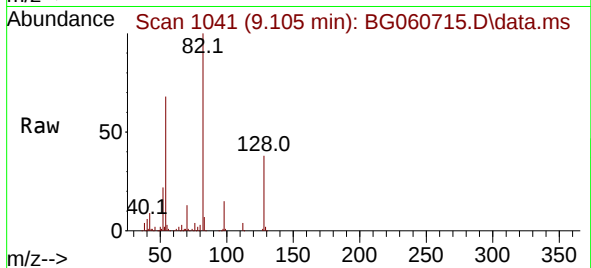
Tgt Ion: 82 Resp: 220055

Ion Ratio Lower Upper

82 100

128 38.3 31.2 46.8

54 68.2 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.581 min Scan# 1973

Delta R.T. -0.008 min

Lab File: BG060715.D

Acq: 1 Apr 2024 14:37

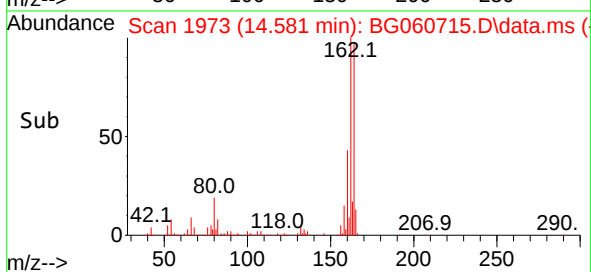
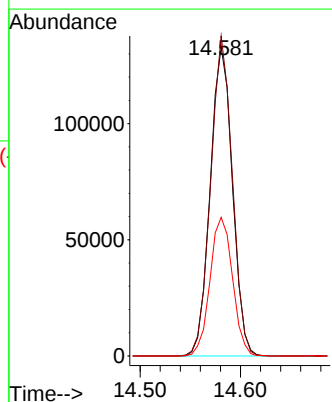
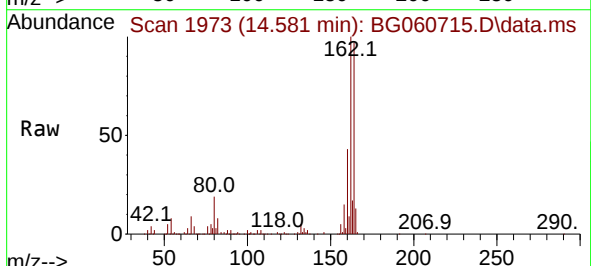
Tgt Ion:164 Resp: 204354

Ion Ratio Lower Upper

164 100

162 103.6 79.5 119.3

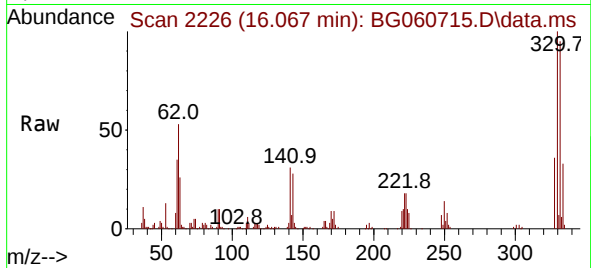
160 44.9 35.4 53.0



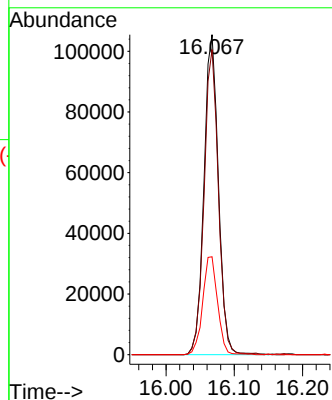
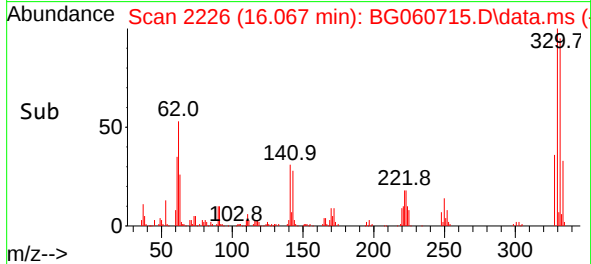


#42
2,4,6-Tribromophenol
Concen: 66.906 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060715.D
Acq: 1 Apr 2024 14:37

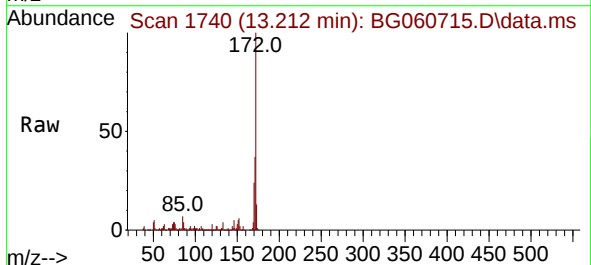
Instrument :
BNA_G
ClientSampleId :
CCM-2



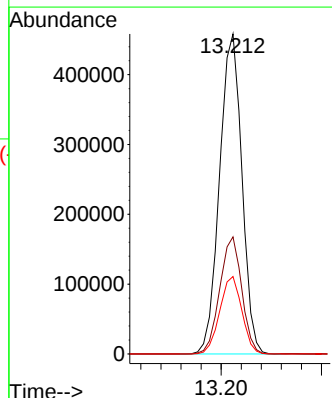
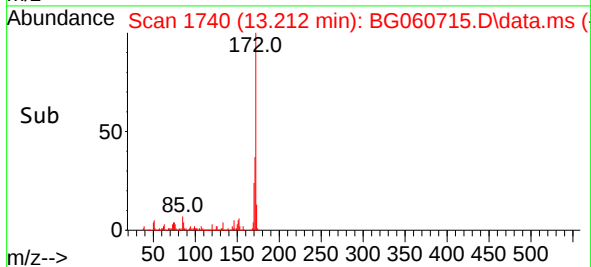
Tgt Ion:330 Resp: 155206
Ion Ratio Lower Upper
330 100
332 94.3 78.2 117.4
141 31.6 27.0 40.6

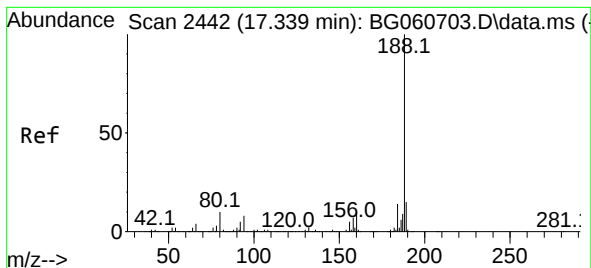


#45
2-Fluorobiphenyl
Concen: 50.682 ng
RT: 13.212 min Scan# 1740
Delta R.T. -0.008 min
Lab File: BG060715.D
Acq: 1 Apr 2024 14:37



Tgt Ion:172 Resp: 705696
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.2 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.330 min Scan# 2442

Delta R.T. -0.008 min

Lab File: BG060715.D

Acq: 1 Apr 2024 14:37

Instrument :

BNA_G

ClientSampleId :

CCM-2

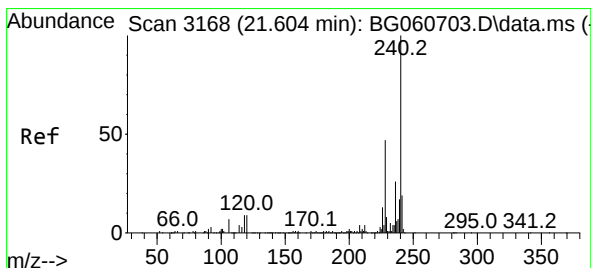
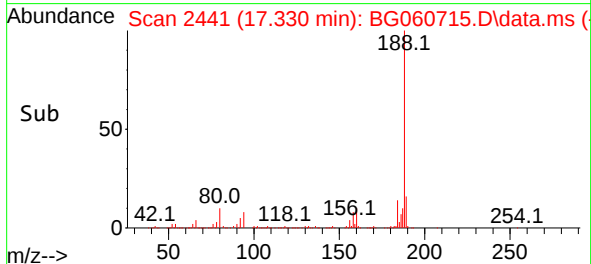
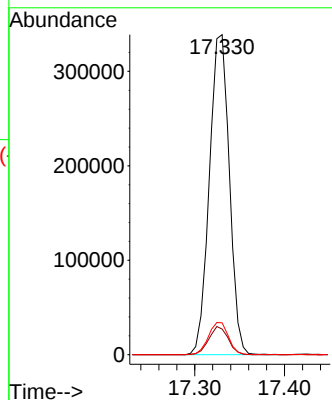
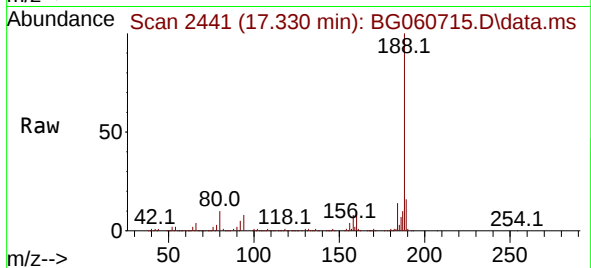
Tgt Ion:188 Resp: 523535

Ion Ratio Lower Upper

188 100

94 8.0 6.6 9.8

80 10.0 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3166

Delta R.T. -0.014 min

Lab File: BG060715.D

Acq: 1 Apr 2024 14:37

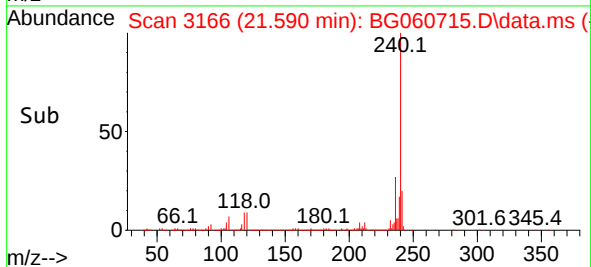
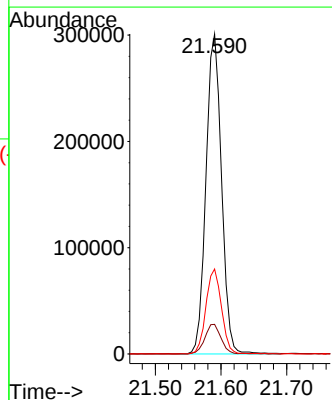
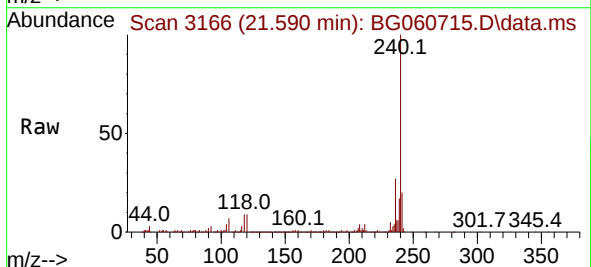
Tgt Ion:240 Resp: 496731

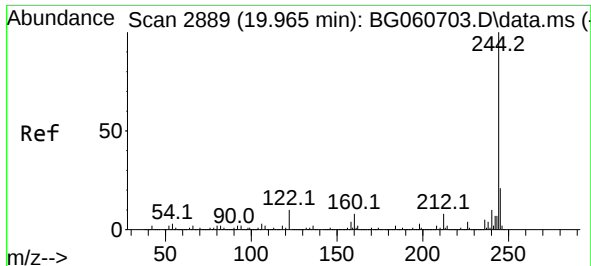
Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

236 26.5 20.7 31.1

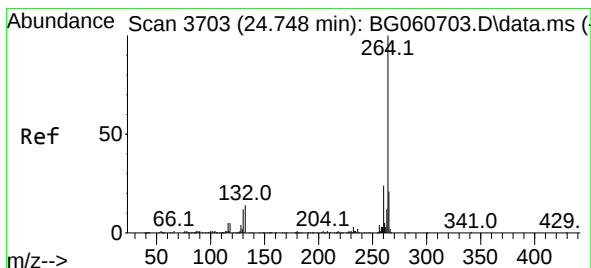
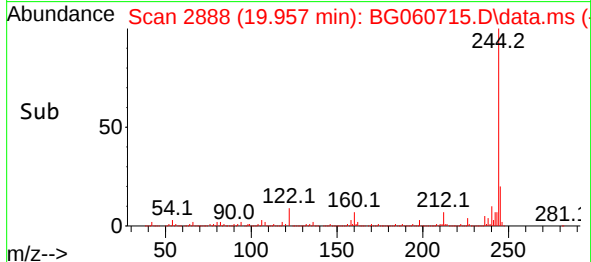
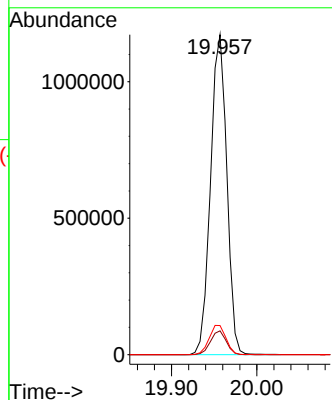
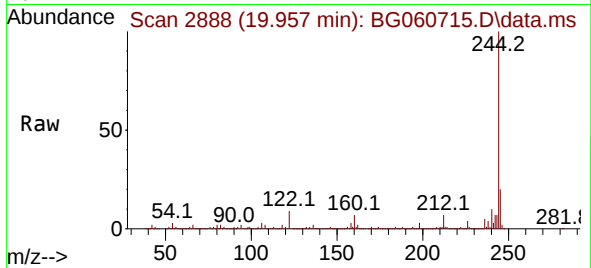




#79
 Terphenyl-d14
 Concen: 55.025 ng
 RT: 19.957 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG060715.D
 Acq: 1 Apr 2024 14:37

Instrument :
 BNA_G
 ClientSampleId :
 CCM-2

Tgt Ion:244 Resp: 1552242
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.1 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.722 min Scan# 3699
 Delta R.T. -0.026 min
 Lab File: BG060715.D
 Acq: 1 Apr 2024 14:37

Tgt Ion:264 Resp: 577021
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 20.9 16.9 25.3

