

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060815.D
 Acq On : 6 Apr 2024 17:34
 Operator : MA/JU
 Sample : P1995-01DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 280648DL

Quant Time: Apr 08 02:08:49 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)

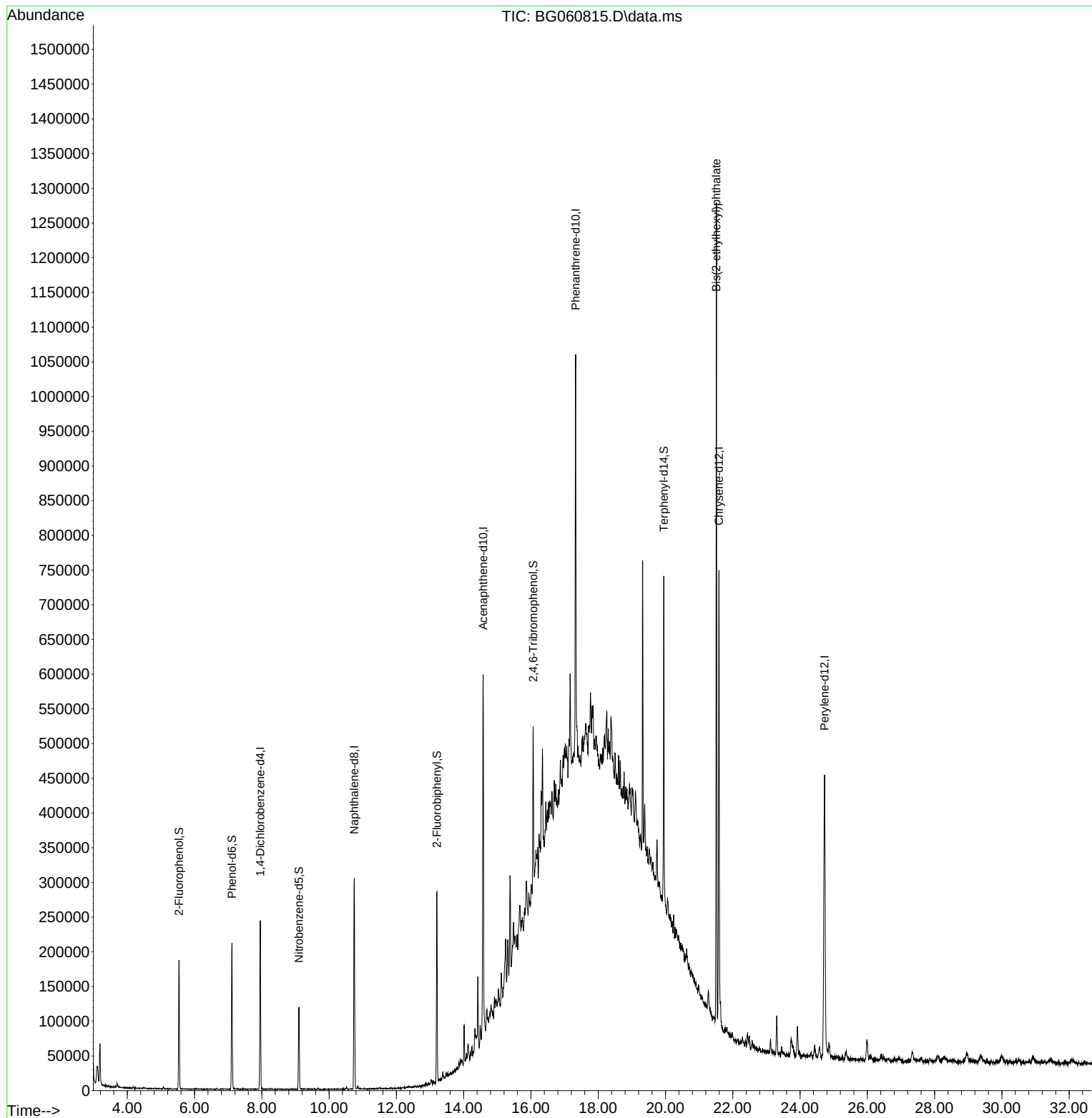
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	66550	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	252899	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	184950	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	387190	20.000	ng	0.00
76) Chrysene-d12	21.590	240	380583	20.000	ng	-0.01
86) Perylene-d12	24.727	264	457262	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	75078	18.794	ng	0.00
7) Phenol-d6	7.113	99	107882	18.193	ng	0.00
23) Nitrobenzene-d5	9.104	82	63942	14.427	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	50329	23.972	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	145259	11.527	ng	-0.01
79) Terphenyl-d14	19.951	244	237786	11.002	ng	-0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.513	149	419464	27.105	ng	Qvalue 96

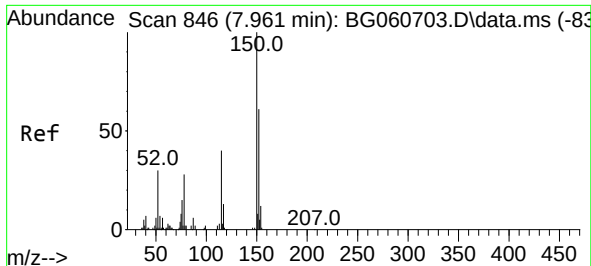
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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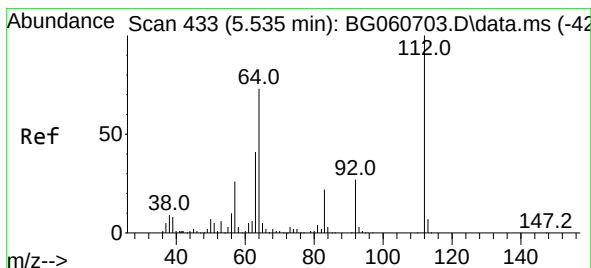
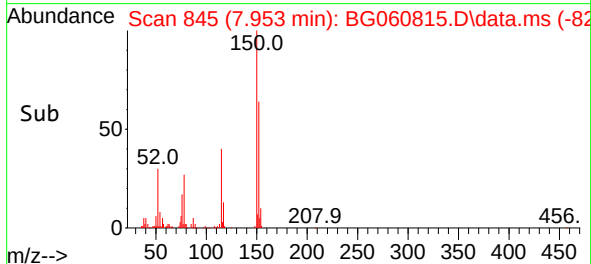
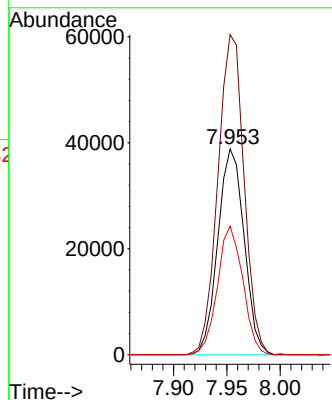
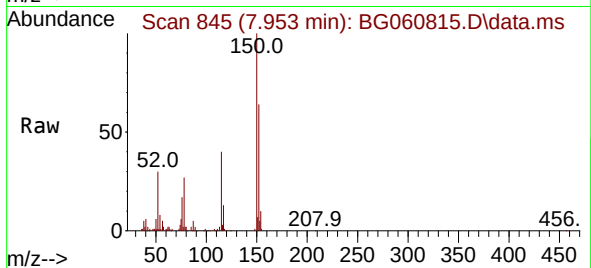




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

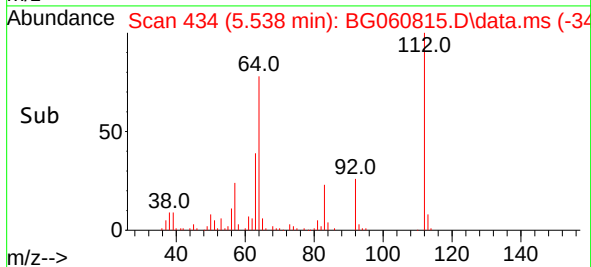
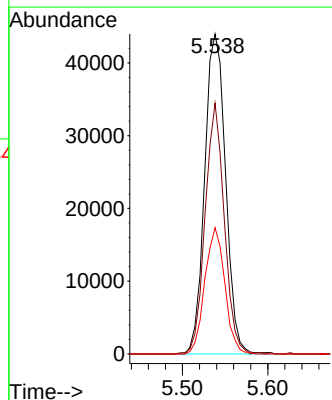
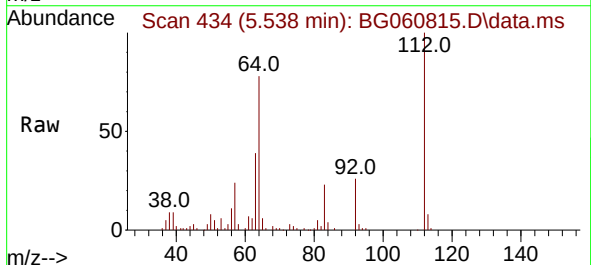
Instrument :
BNA_G
ClientSampleId :
280648DL

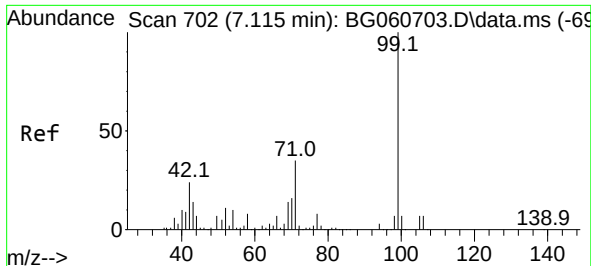
Tgt Ion:152 Resp: 66550
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.4
115 62.5 51.6 77.4



#5
2-Fluorophenol
Concen: 18.794 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

Tgt Ion:112 Resp: 75078
Ion Ratio Lower Upper
112 100
64 78.3 58.4 87.6
63 39.5 32.7 49.1

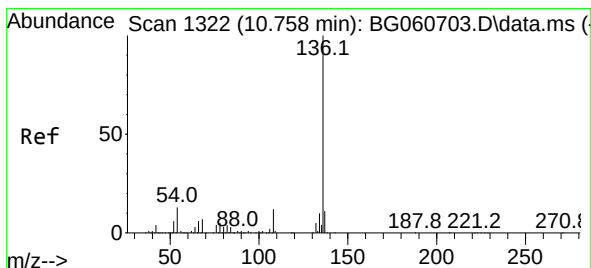
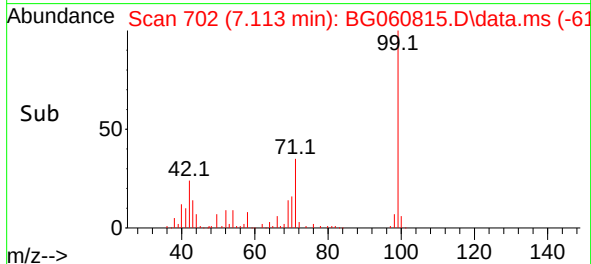
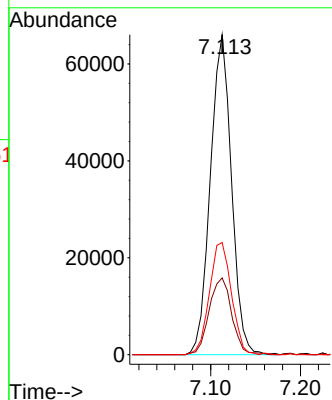
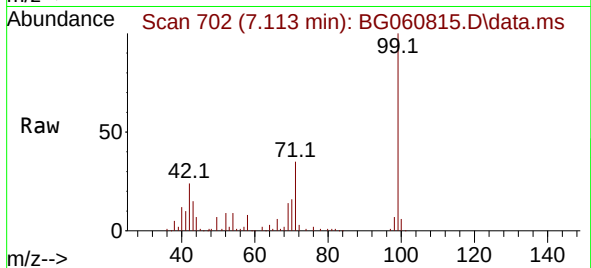




#7
Phenol-d6
Concen: 18.193 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

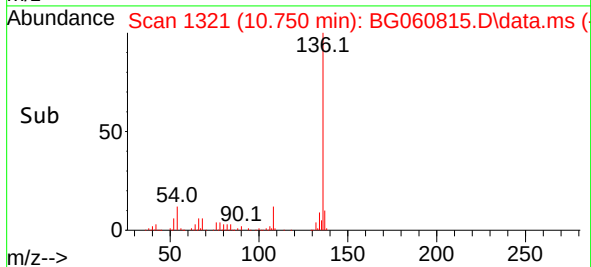
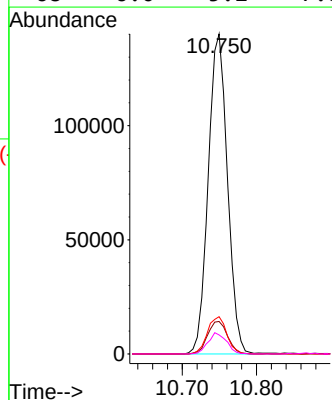
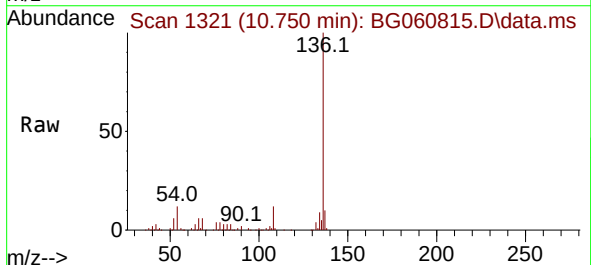
Instrument :
BNA_G
ClientSampleId :
280648DL

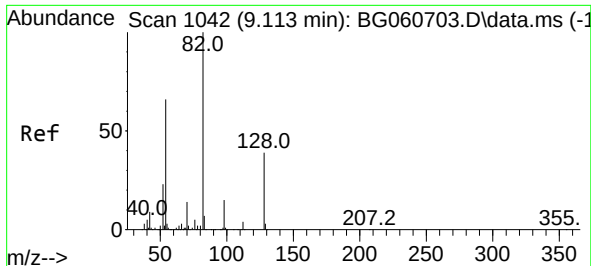
Tgt Ion: 99 Resp: 107882
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.2
71 35.0 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

Tgt Ion:136 Resp: 252899
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 11.7 10.2 15.2
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 14.427 ng

RT: 9.104 min Scan# 1042

Delta R.T. -0.008 min

Lab File: BG060815.D

Acq: 6 Apr 2024 17:34

Instrument :

BNA_G

ClientSampleId :

280648DL

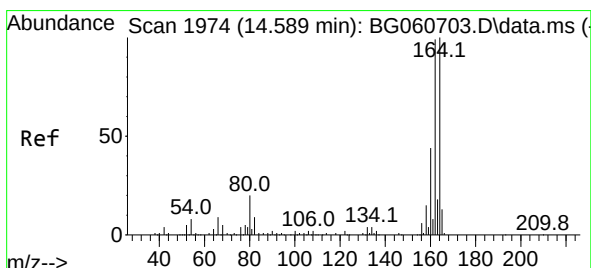
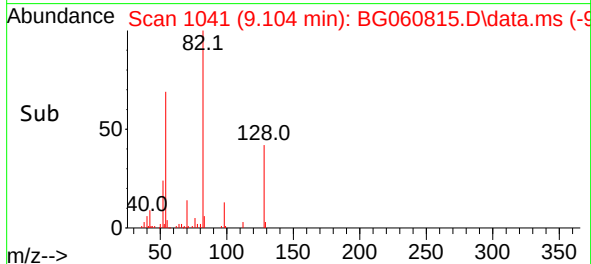
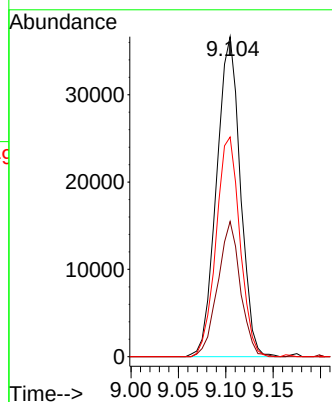
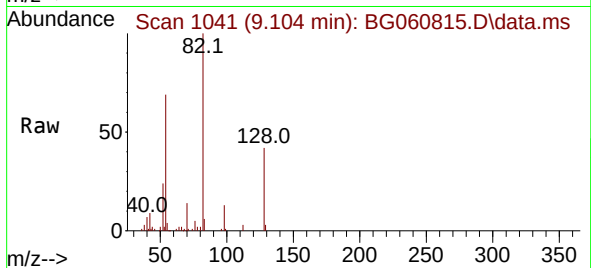
Tgt Ion: 82 Resp: 63942

Ion Ratio Lower Upper

82 100

128 42.3 31.2 46.8

54 68.6 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1973

Delta R.T. -0.009 min

Lab File: BG060815.D

Acq: 6 Apr 2024 17:34

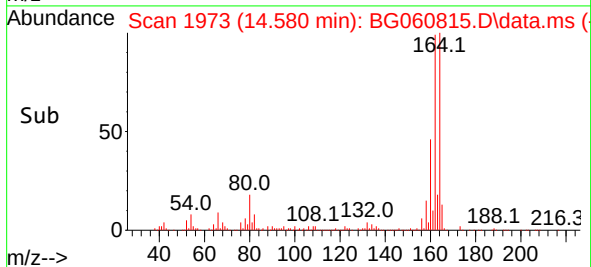
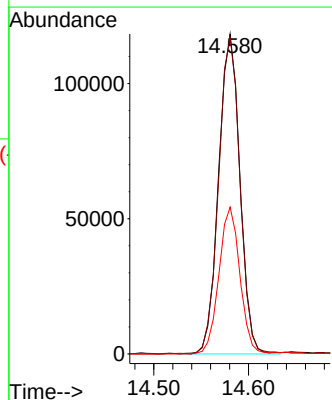
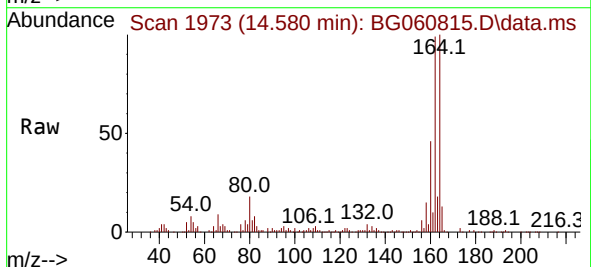
Tgt Ion:164 Resp: 184950

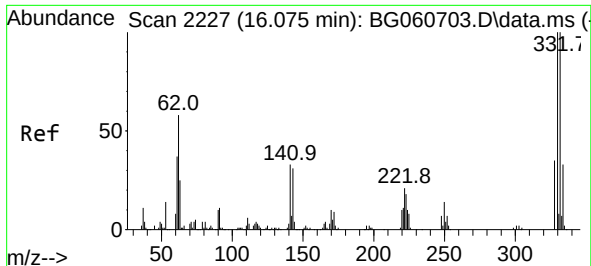
Ion Ratio Lower Upper

164 100

162 99.1 79.5 119.3

160 45.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 23.972 ng

RT: 16.067 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060815.D

Acq: 6 Apr 2024 17:34

Instrument :

BNA_G

ClientSampleId :

280648DL

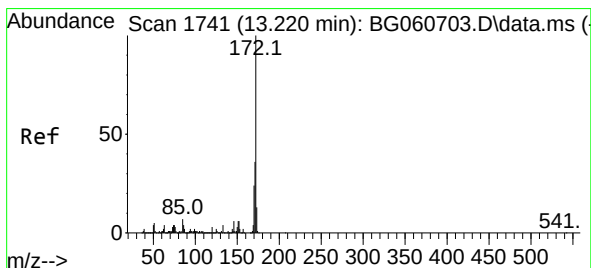
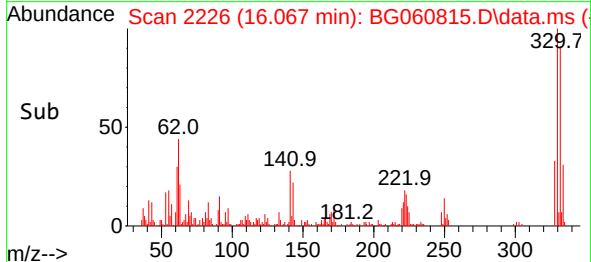
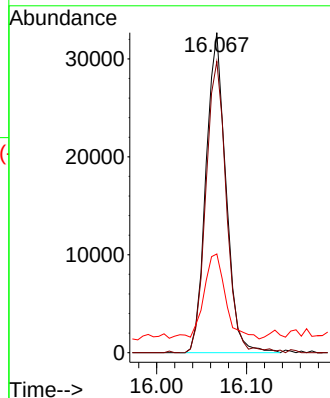
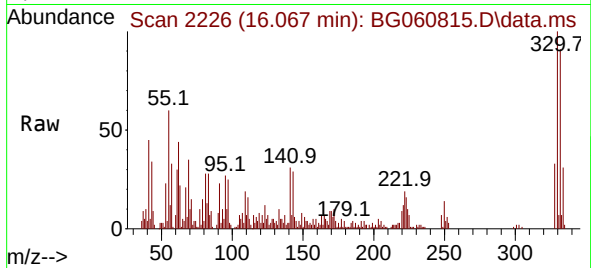
Tgt Ion:330 Resp: 50329

Ion Ratio Lower Upper

330 100

332 93.8 78.2 117.4

141 28.4 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 11.527 ng

RT: 13.206 min Scan# 1739

Delta R.T. -0.014 min

Lab File: BG060815.D

Acq: 6 Apr 2024 17:34

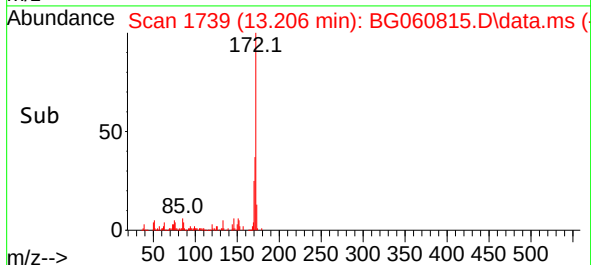
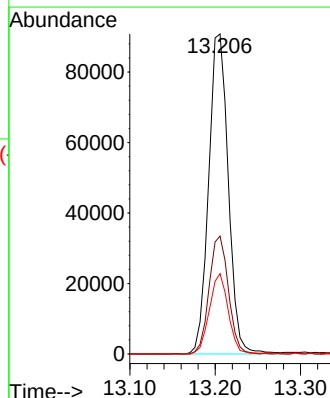
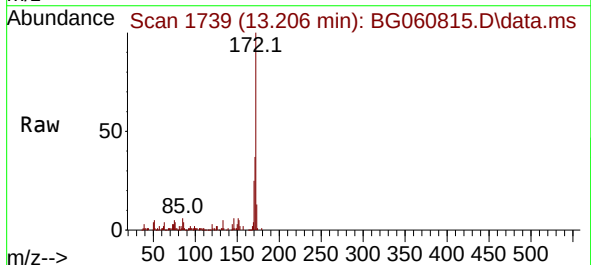
Tgt Ion:172 Resp: 145259

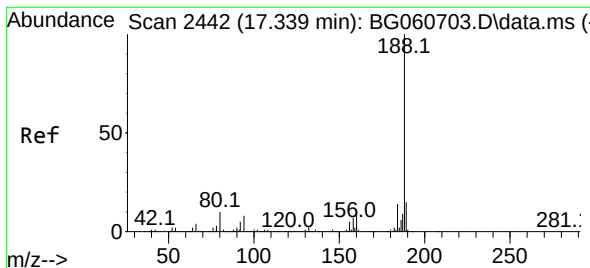
Ion Ratio Lower Upper

172 100

171 36.9 28.7 43.1

170 25.1 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.330 min Scan# 2442

Delta R.T. -0.009 min

Lab File: BG060815.D

Acq: 6 Apr 2024 17:34

Instrument :

BNA_G

ClientSampleId :

280648DL

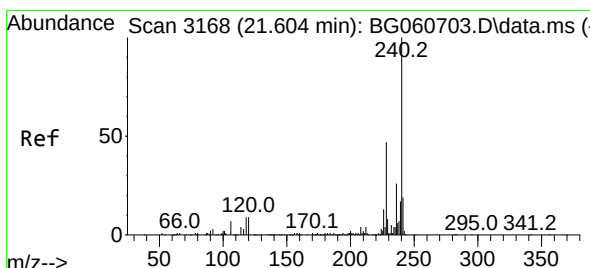
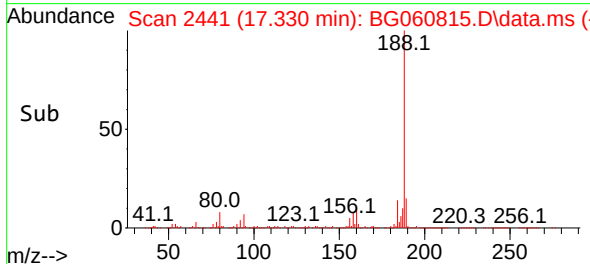
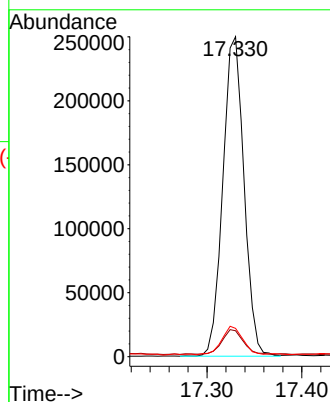
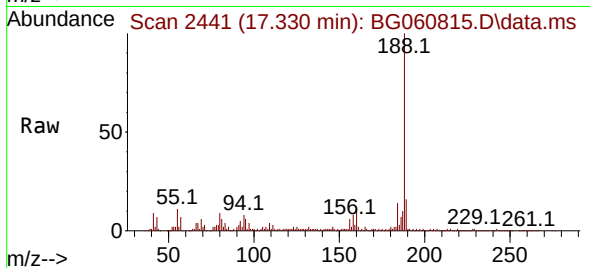
Tgt Ion:188 Resp: 387190

Ion Ratio Lower Upper

188 100

94 8.1 6.6 9.8

80 8.9 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: BG060815.D

Acq: 6 Apr 2024 17:34

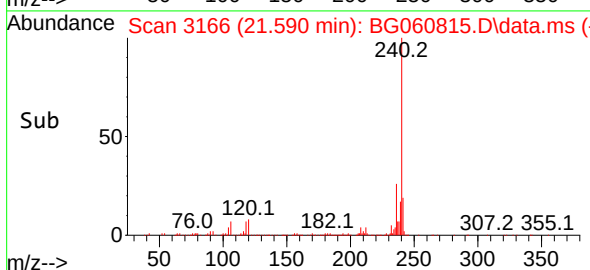
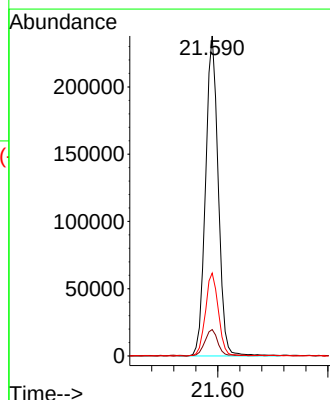
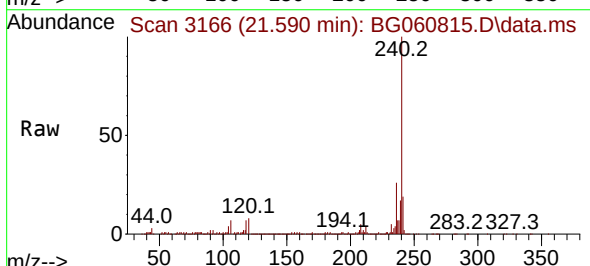
Tgt Ion:240 Resp: 380583

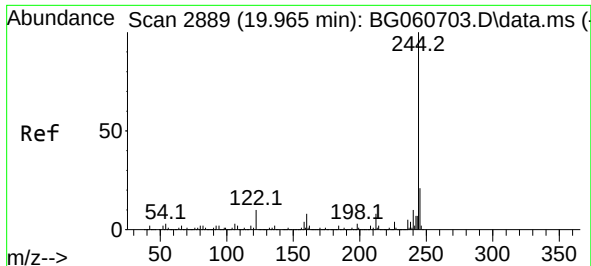
Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

236 25.9 20.7 31.1

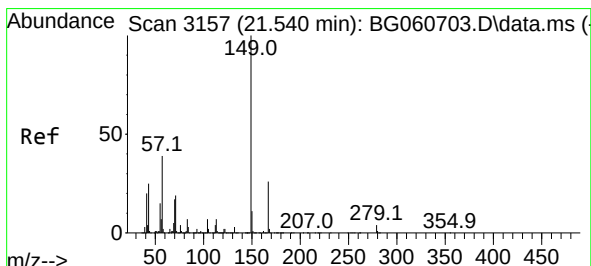
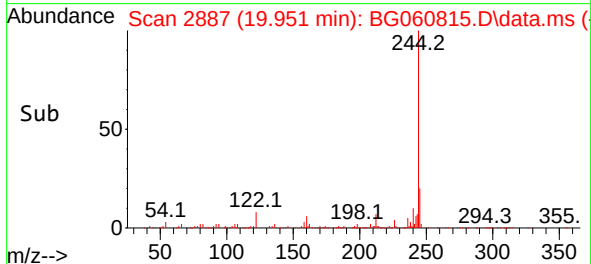
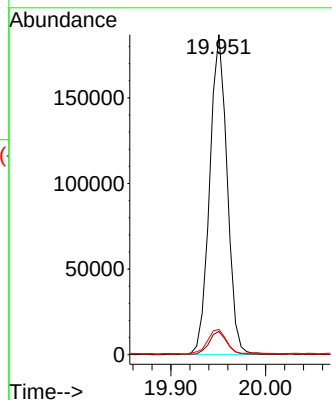
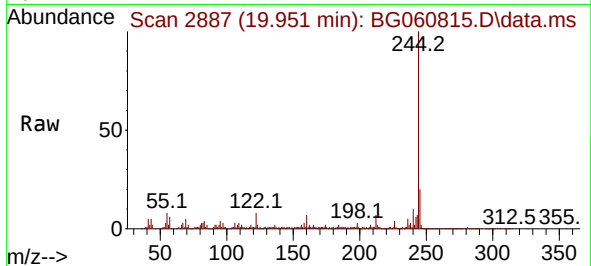




#79
 Terphenyl-d14
 Concen: 11.002 ng
 RT: 19.951 min Scan# 2887
 Delta R.T. -0.014 min
 Lab File: BG060815.D
 Acq: 6 Apr 2024 17:34

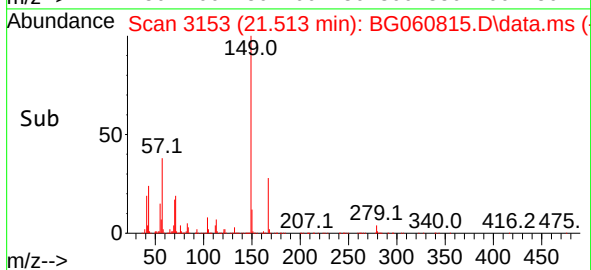
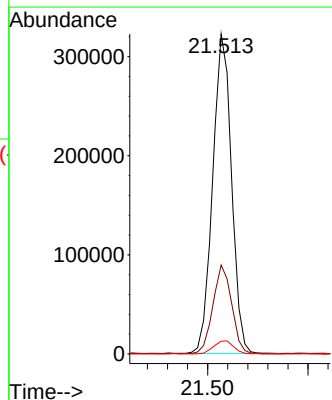
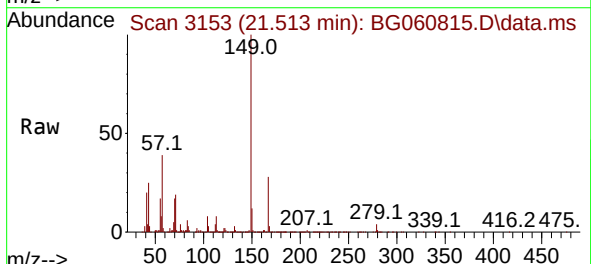
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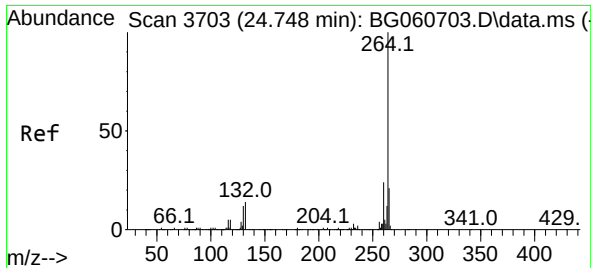
Tgt Ion:244 Resp: 237786
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 7.9 7.8 11.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 27.105 ng
 RT: 21.513 min Scan# 3153
 Delta R.T. -0.026 min
 Lab File: BG060815.D
 Acq: 6 Apr 2024 17:34

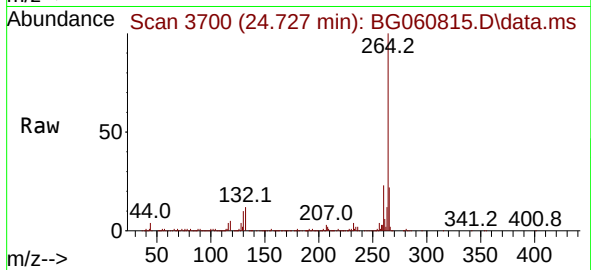
Tgt Ion:149 Resp: 419464
 Ion Ratio Lower Upper
 149 100
 167 27.8 20.6 30.8
 279 4.0 3.0 4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.727 min Scan# 31
Delta R.T. -0.020 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

Instrument :
BNA_G
ClientSampleId :
280648DL



Tgt Ion:264 Resp: 457262

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.8	16.9	25.3

