

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
 Data File : BG060966.D
 Acq On : 19 Apr 2024 19:40
 Operator : MA/JU
 Sample : P2196-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-041824

Quant Time: Apr 19 22:43:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

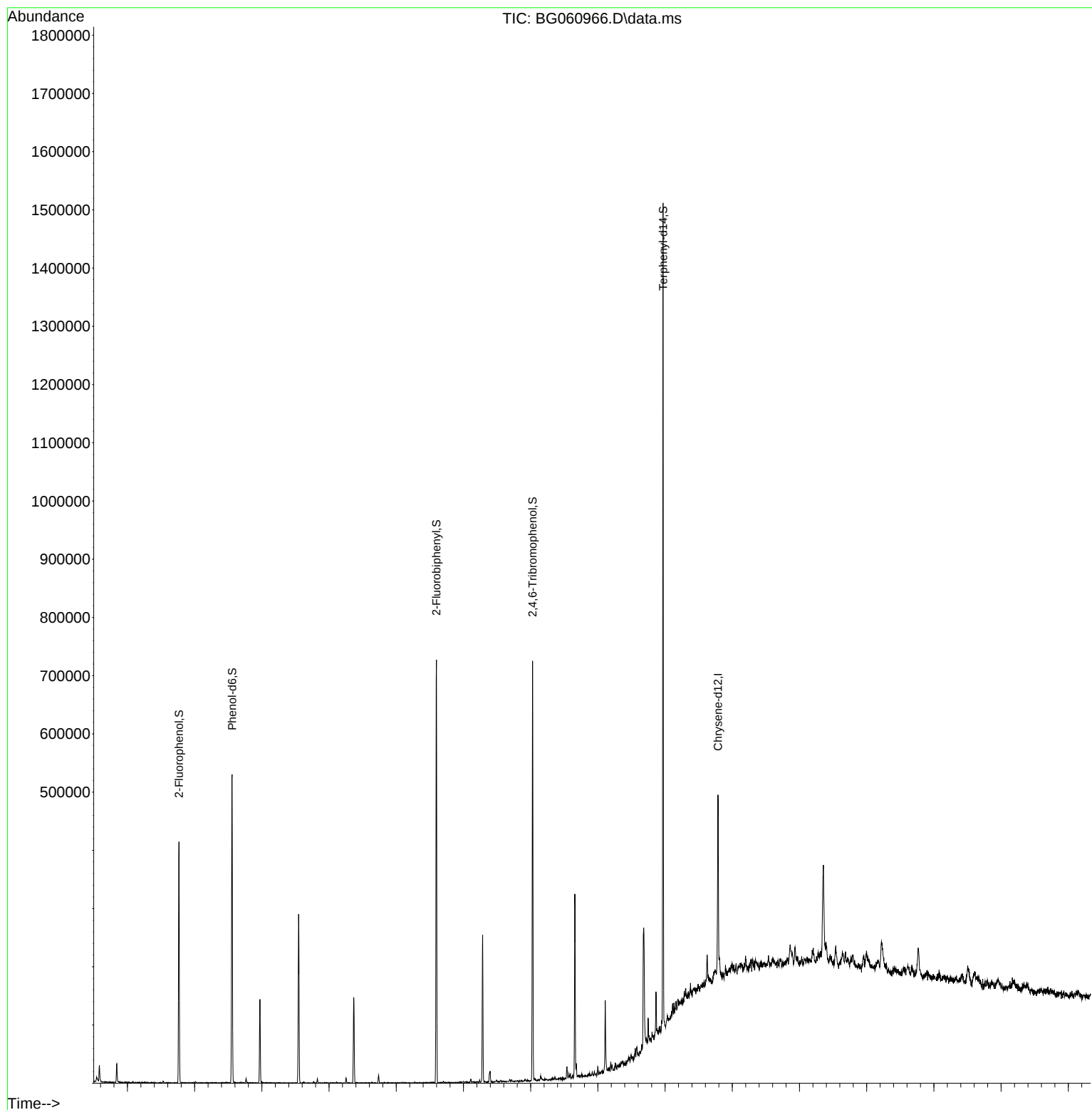
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	36351	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	116436	20.000	ng	# 0.00
39) Acenaphthene-d10	14.570	164	89797	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	198732	20.000	ng	# 0.00
76) Chrysene-d12	21.574	240	191645	20.000	ng	# 0.00
86) Perylene-d12	24.705	264	220287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	147566	70.512	ng	0.00
7) Phenol-d6	7.114	99	239940	79.587	ng	0.00
23) Nitrobenzene-d5	9.094	82	147150	57.373	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	151310	101.997	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	382265	62.470	ng	0.00
79) Terphenyl-d14	19.940	244	703031	64.022	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.370	202	40924	3.196	ng	94
78) Pyrene	19.729	202	42706	3.248	ng	99
88) Benzo(b)fluoranthene	23.724	252	30995	2.487	ng	# 73

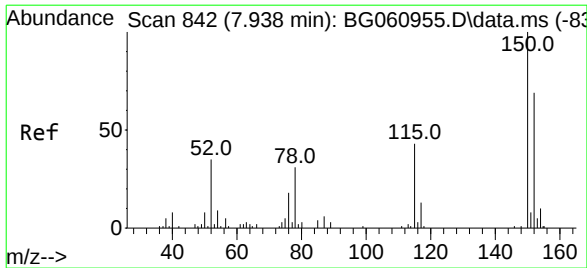
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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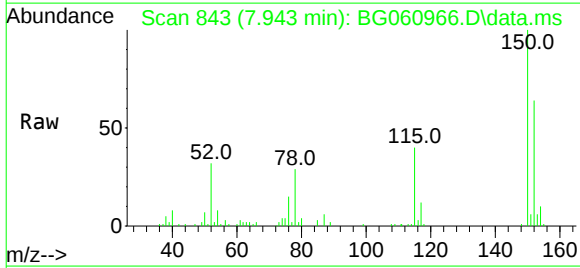
Quant Time: Apr 19 22:43:49 2024
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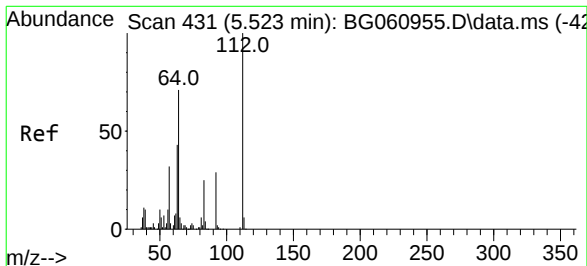
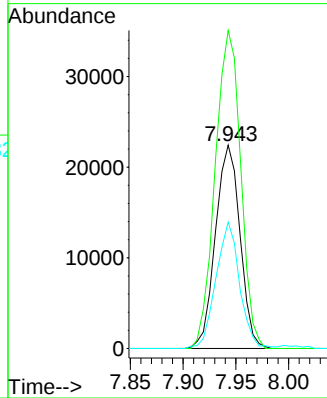
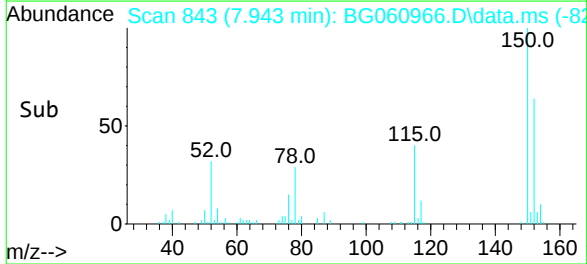


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

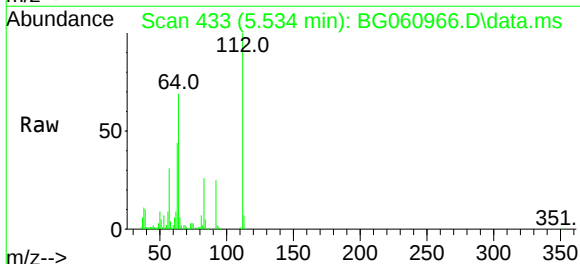
Instrument :
BNA_G
ClientSampleId :
NB-07-041824



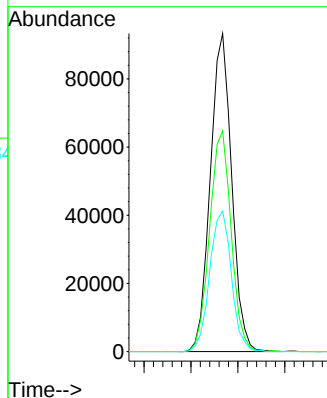
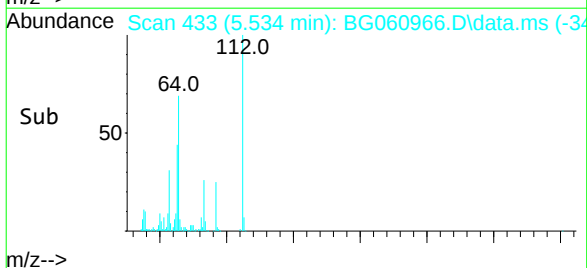
Tgt Ion:152 Resp: 36351
Ion Ratio Lower Upper
152 100
150 156.4 125.6 188.4
115 62.2 47.1 70.7

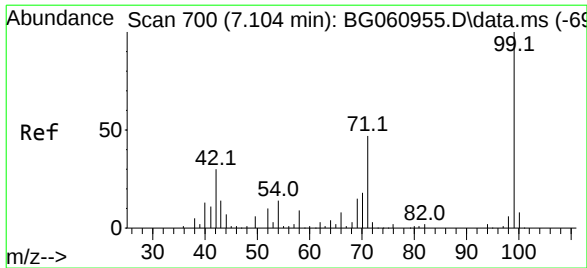


#5
2-Fluorophenol
Concen: 70.512 ng
RT: 5.534 min Scan# 433
Delta R.T. 0.007 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40



Tgt Ion:112 Resp: 147566
Ion Ratio Lower Upper
112 100
64 69.4 58.9 88.3
63 44.2 32.1 48.1

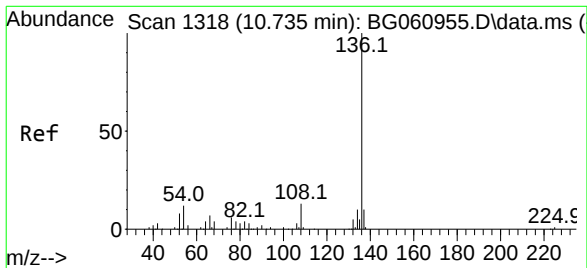
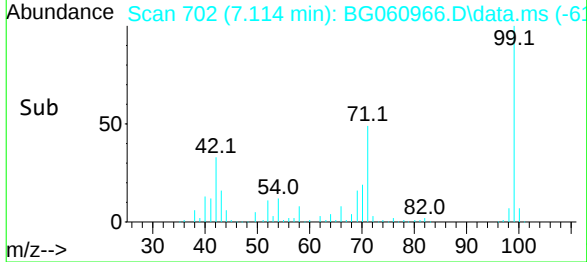
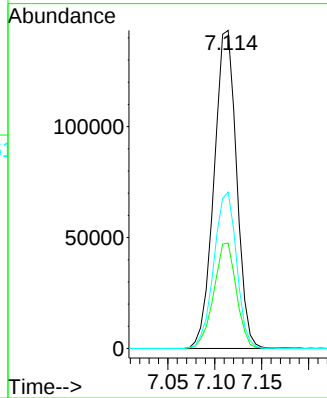
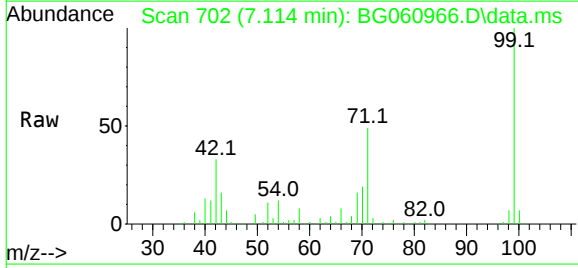




#7
Phenol-d6
Concen: 79.587 ng
RT: 7.114 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

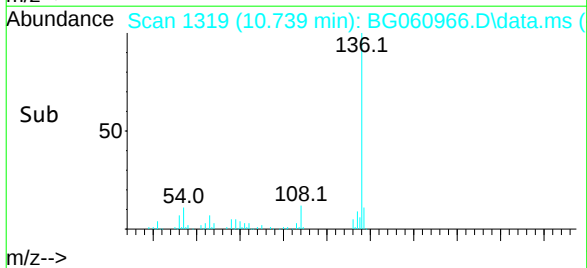
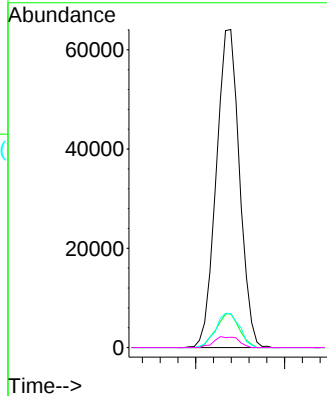
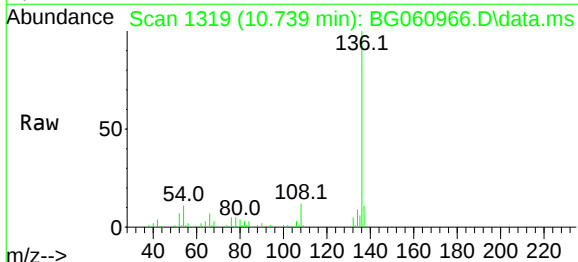
Instrument :
BNA_G
ClientSampleId :
NB-07-041824

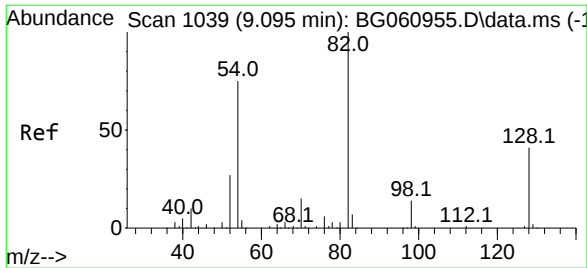
Tgt Ion: 99 Resp: 239940
Ion Ratio Lower Upper
99 100
42 33.1 22.2 33.2
71 49.2 30.5 45.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1319
Delta R.T. 0.001 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

Tgt Ion: 136 Resp: 116436
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.7 9.8 14.8
68 3.3 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 57.373 ng

RT: 9.094 min Scan# 1039

Delta R.T. -0.005 min

Lab File: BG060966.D

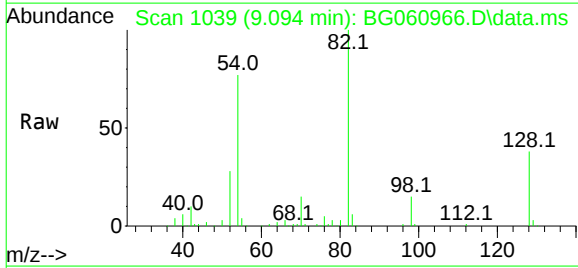
Acq: 19 Apr 2024 19:40

Instrument :

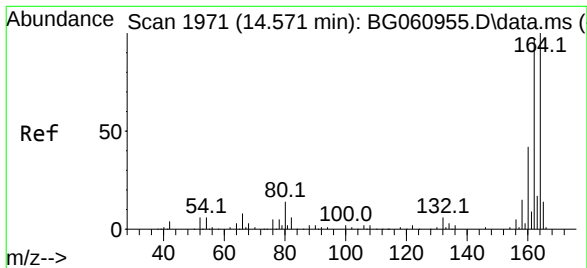
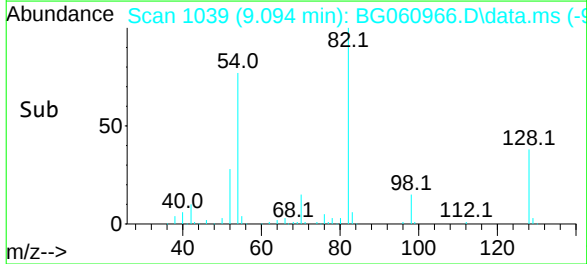
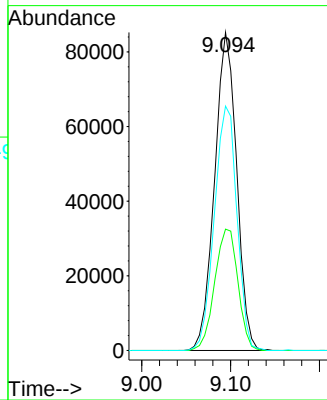
BNA_G

ClientSampleId :

NB-07-041824



Tgt Ion:	82	Resp:	147150
Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.4	47.0
54	76.8	54.2	81.4



#39

Acenaphthene-d10

Concen: 20.000 ng

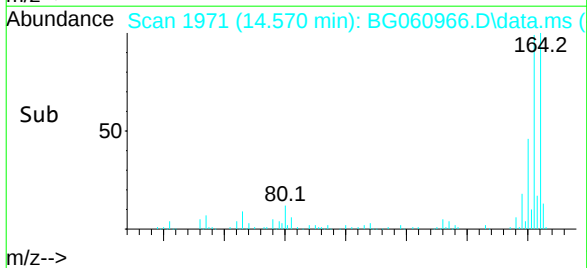
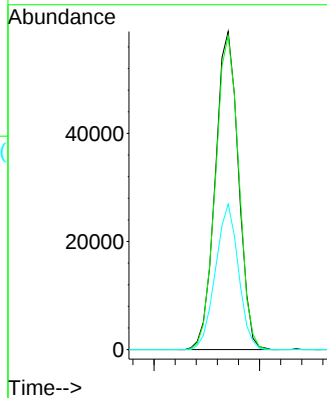
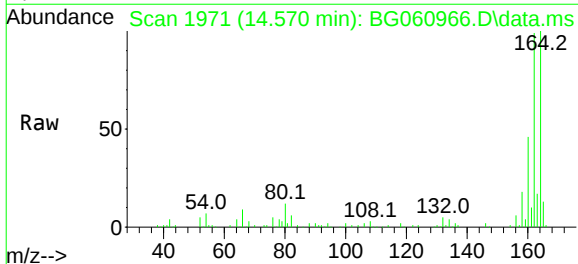
RT: 14.570 min Scan# 1971

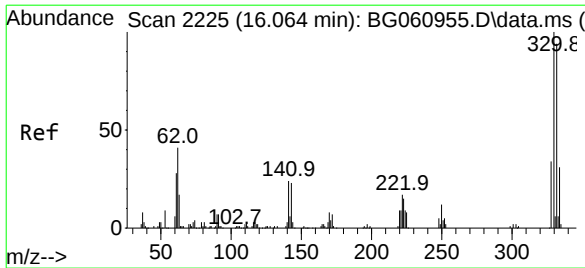
Delta R.T. 0.001 min

Lab File: BG060966.D

Acq: 19 Apr 2024 19:40

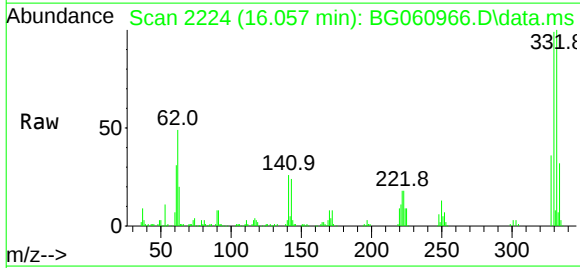
Tgt Ion:	164	Resp:	89797
Ion	Ratio	Lower	Upper
164	100		
162	98.7	84.1	126.1
160	45.8	35.9	53.9



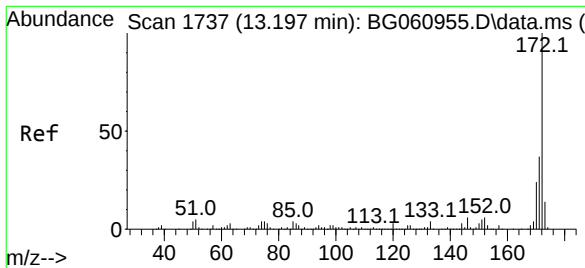
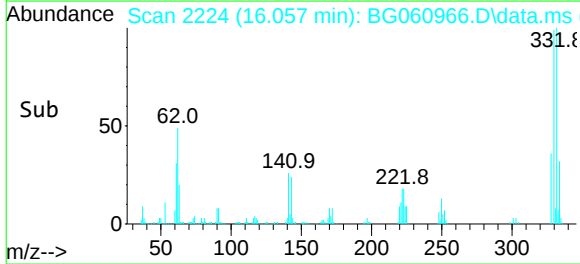
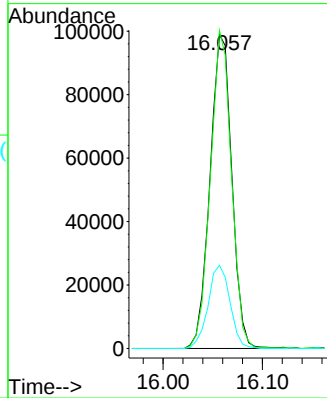


#42
2,4,6-Tribromophenol
Concen: 101.997 ng
RT: 16.057 min Scan# 2225
Delta R.T. -0.005 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

Instrument :
BNA_G
ClientSampleId :
NB-07-041824

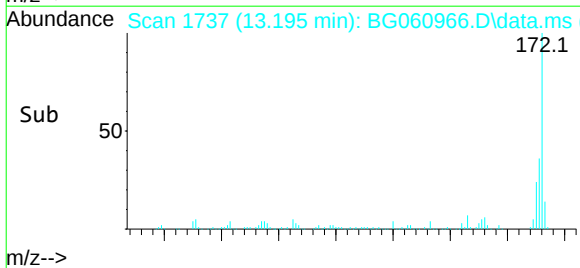
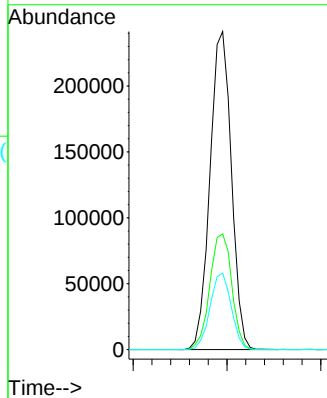
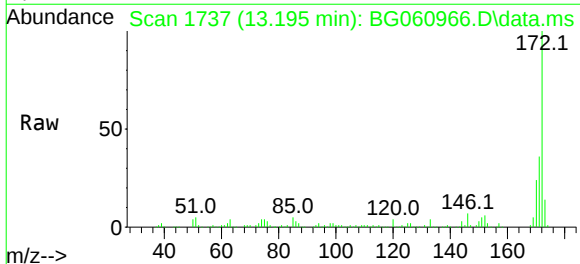


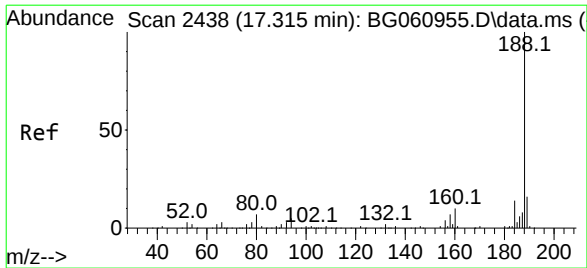
Tgt Ion:330 Resp: 151310
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 26.5 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 62.470 ng
RT: 13.195 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG060966.D
Acq: 19 Apr 2024 19:40

Tgt Ion:172 Resp: 382265
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.0 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.314 min Scan# 2438

Delta R.T. -0.005 min

Lab File: BG060966.D

Acq: 19 Apr 2024 19:40

Instrument :

BNA_G

ClientSampleId :

NB-07-041824

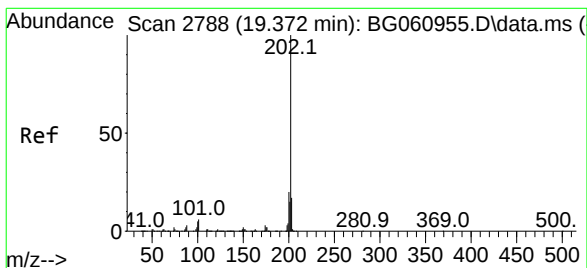
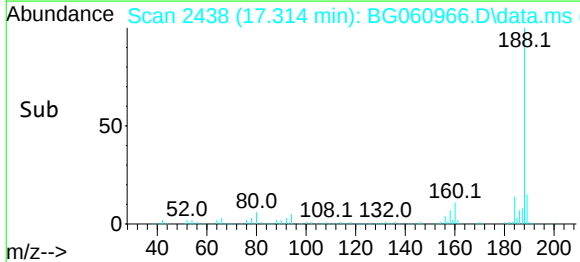
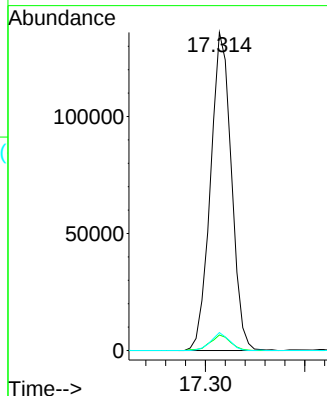
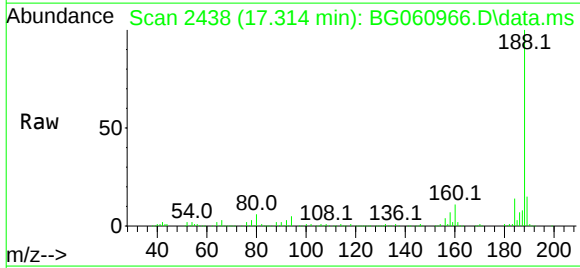
Tgt Ion:188 Resp: 198732

Ion Ratio Lower Upper

188 100

94 4.9 5.7 8.5#

80 5.6 6.6 9.8#



#75

Fluoranthene

Concen: 3.196 ng

RT: 19.370 min Scan# 2788

Delta R.T. 0.001 min

Lab File: BG060966.D

Acq: 19 Apr 2024 19:40

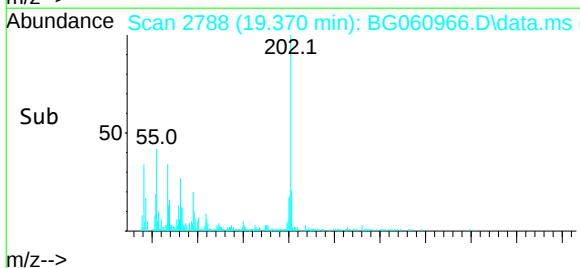
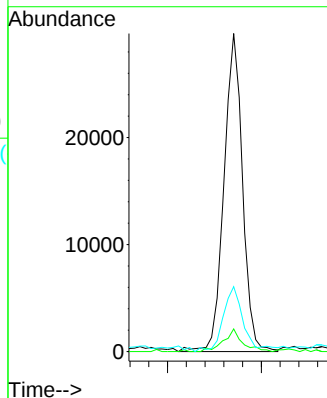
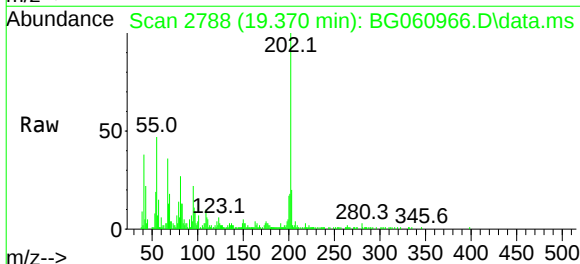
Tgt Ion:202 Resp: 40924

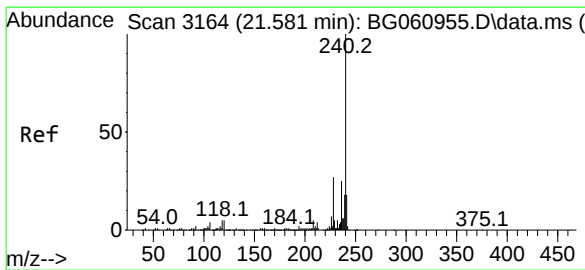
Ion Ratio Lower Upper

202 100

101 7.1 0.0 28.6

203 20.4 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG060966.D

Acq: 19 Apr 2024 19:40

Instrument :

BNA_G

ClientSampleId :

NB-07-041824

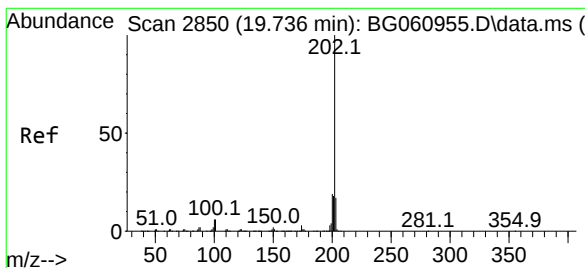
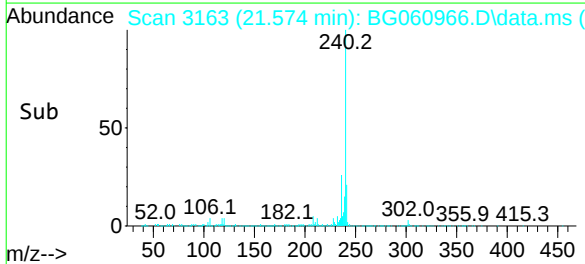
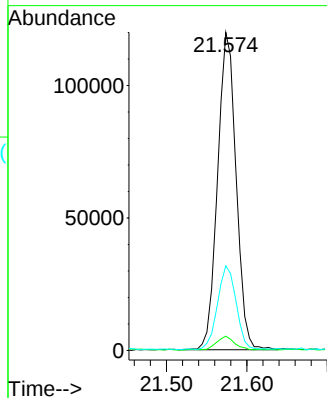
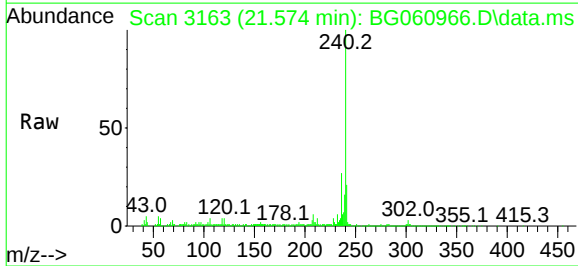
Tgt Ion:240 Resp: 191645

Ion Ratio Lower Upper

240 100

120 4.5 5.7 8.5#

236 26.6 21.1 31.7



#78

Pyrene

Concen: 3.248 ng

RT: 19.729 min Scan# 2849

Delta R.T. -0.005 min

Lab File: BG060966.D

Acq: 19 Apr 2024 19:40

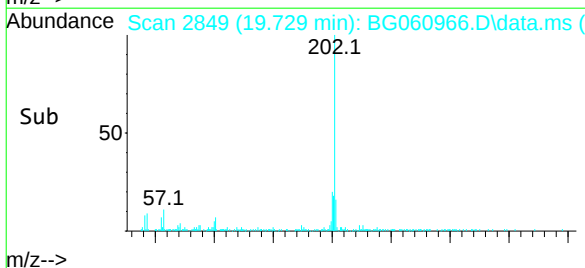
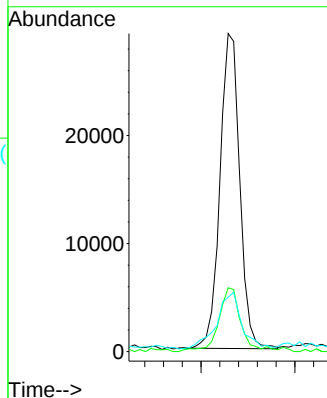
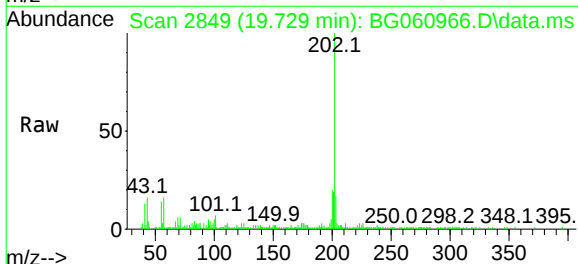
Tgt Ion:202 Resp: 42706

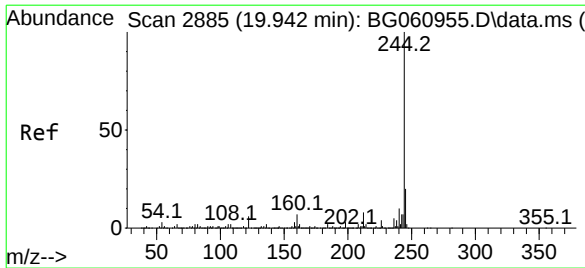
Ion Ratio Lower Upper

202 100

200 20.1 16.7 25.1

203 17.0 13.8 20.8





#79

Terphenyl-d14

Concen: 64.022 ng

RT: 19.940 min Scan# 2885

Delta R.T. 0.001 min

Lab File: BG060966.D

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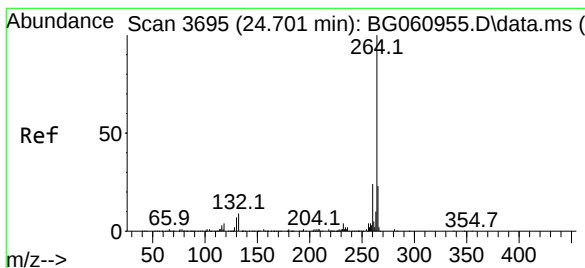
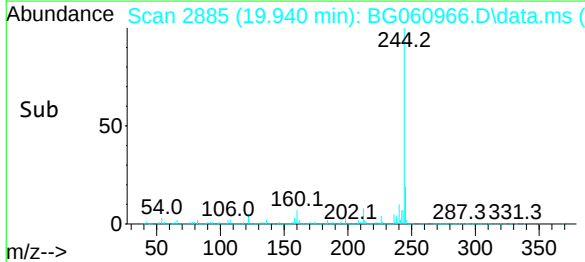
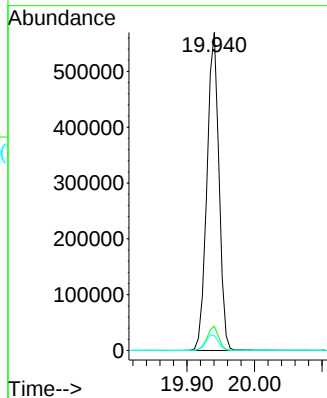
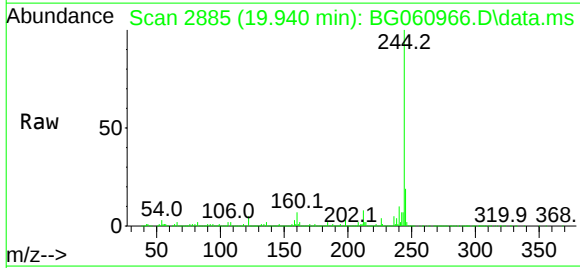
Tgt Ion:244 Resp: 703031

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

122 4.6 6.6 9.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.705 min Scan# 3696

Delta R.T. 0.007 min

Lab File: BG060966.D

Acq: 19 Apr 2024 19:40

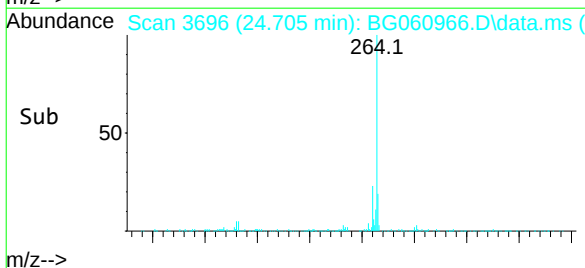
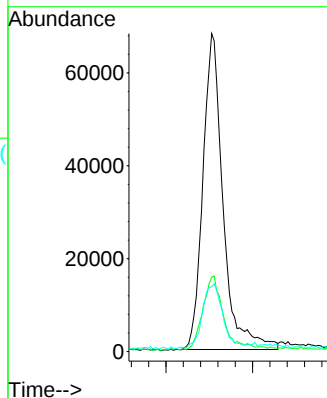
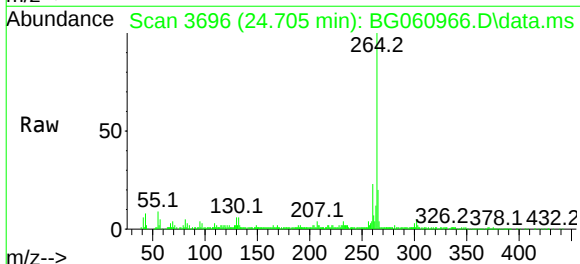
Tgt Ion:264 Resp: 220287

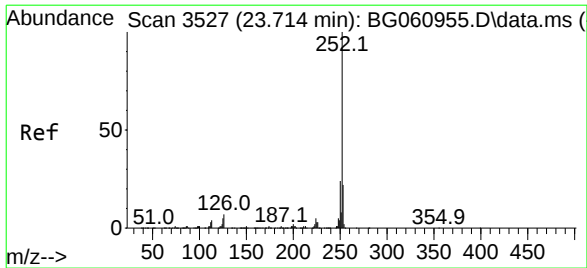
Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 20.4 16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 2.487 ng

RT: 23.724 min Scan# 35

Delta R.T. 0.007 min

Lab File: BG060966.D

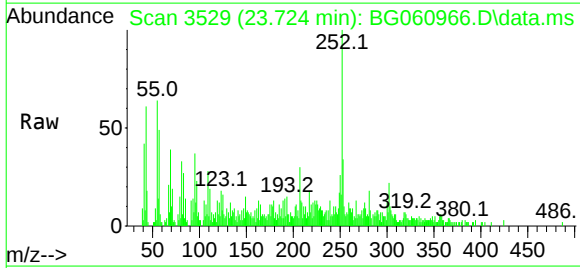
Acq: 19 Apr 2024 19:40

Instrument :

BNA_G

ClientSampleId :

NB-07-041824



Tgt Ion:252 Resp: 30995

Ion Ratio Lower Upper

252 100

253 33.8 16.8 25.2#

125 15.7 5.6 8.4#

