

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060873.D
 Acq On : 12 Apr 2024 14:11
 Operator : MA/JU
 Sample : PB160167BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160167BL

Quant Time: Apr 12 14:47:42 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	7.949	152	41251	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	158997	20.000	ng	-0.01
39) Acenaphthene-d10	14.582	164	133055	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	366467	20.000	ng	-0.01
76) Chrysene-d12	21.592	240	358892	20.000	ng	-0.01
86) Perylene-d12	24.729	264	406515	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	286846	115.840	ng	0.00
7) Phenol-d6	7.115	99	390546	106.252	ng	0.00
23) Nitrobenzene-d5	9.100	82	254605	91.374	ng	-0.01
42) 2,4,6-Tribromophenol	16.069	330	247860	164.103	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	645556	71.206	ng	-0.01
79) Terphenyl-d14	19.952	244	1539745	75.545	ng	-0.01

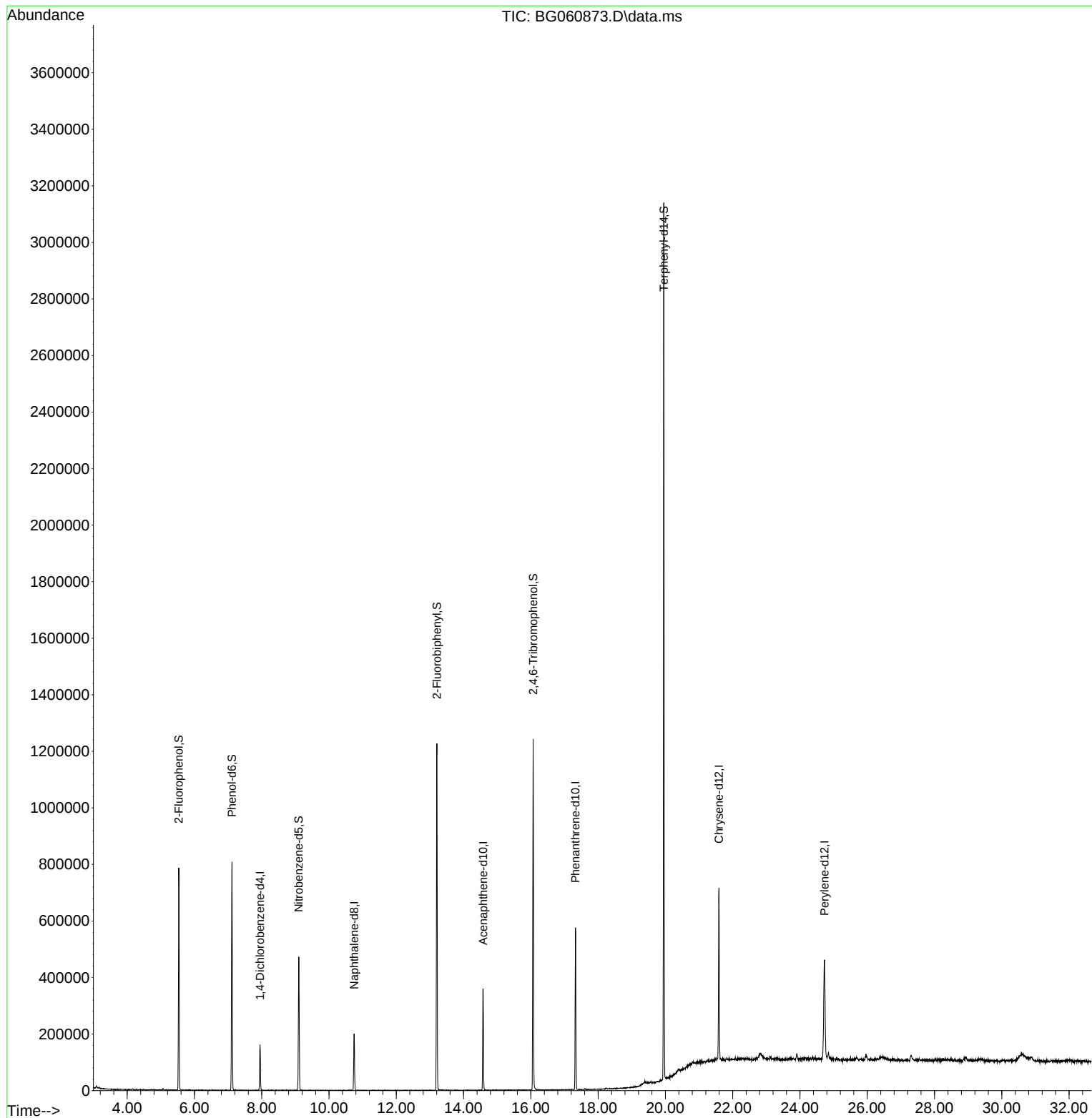
Target Compounds	Qvalue

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

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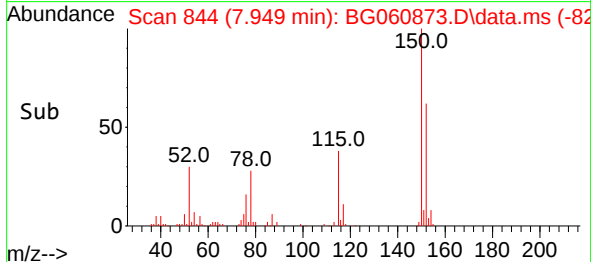
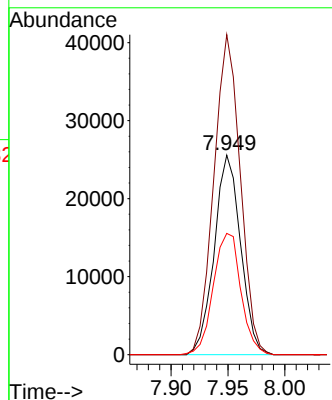
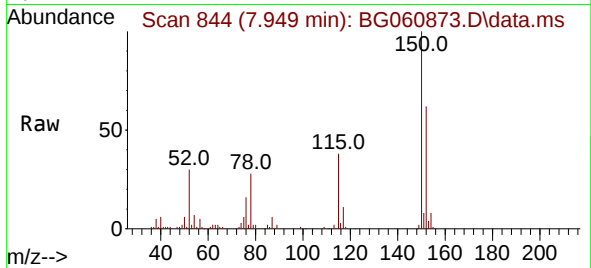




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.949 min Scan# 846
Delta R.T. -0.012 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

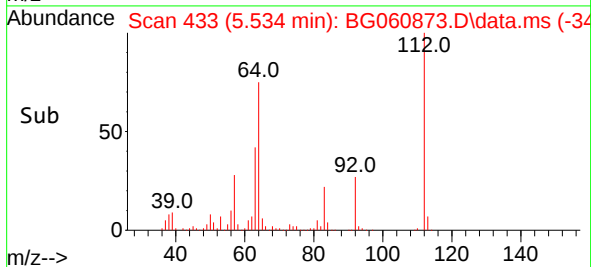
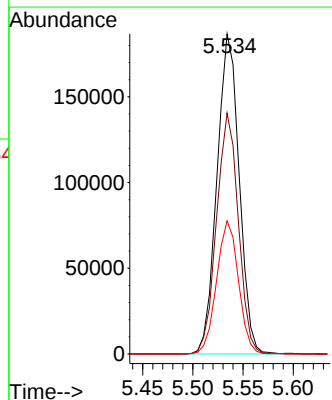
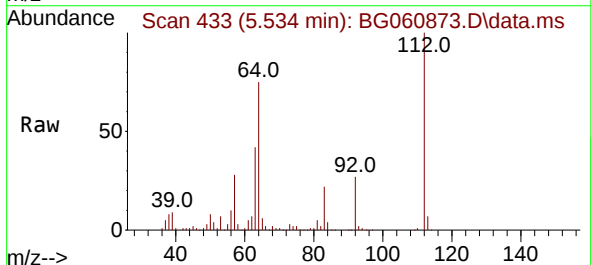
Instrument :
BNA_G
ClientSampleId :
PB160167BL

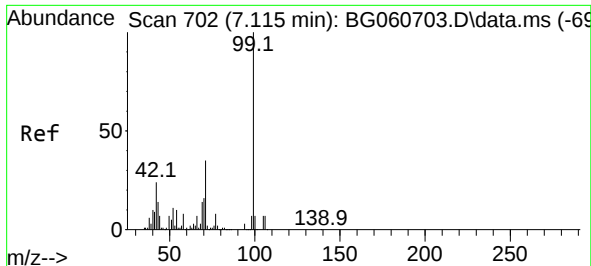
Tgt Ion:152 Resp: 41251
Ion Ratio Lower Upper
152 100
150 160.4 130.2 195.4
115 60.7 51.6 77.4



#5
2-Fluorophenol
Concen: 115.840 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.001 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Tgt Ion:112 Resp: 286846
Ion Ratio Lower Upper
112 100
64 75.2 58.4 87.6
63 41.6 32.7 49.1

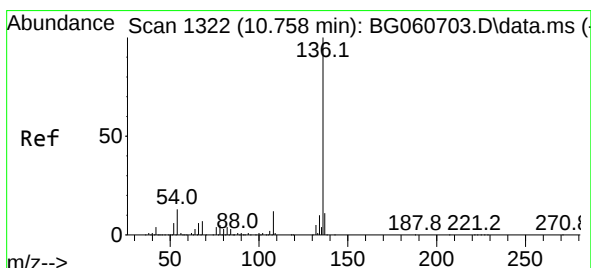
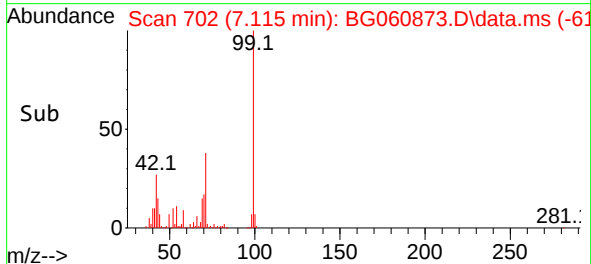
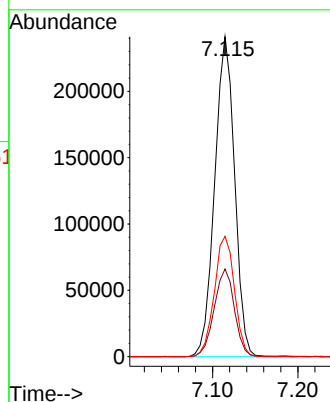
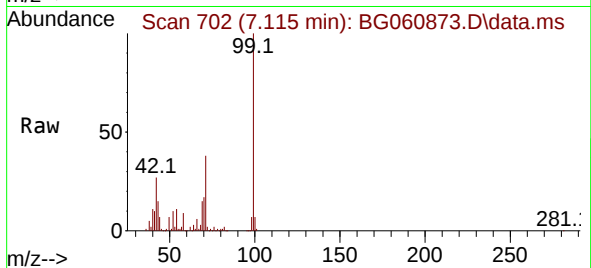




#7
Phenol-d6
Concen: 106.252 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

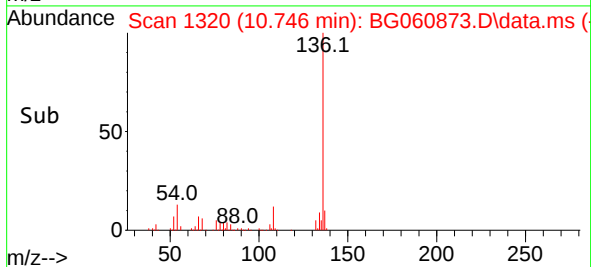
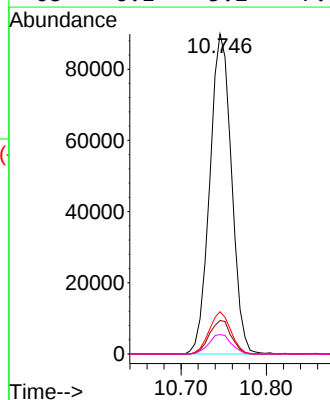
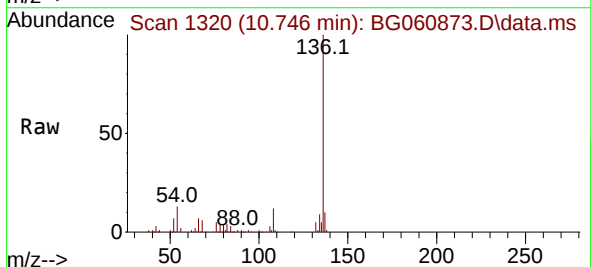
Instrument :
BNA_G
ClientSampleId :
PB160167BL

Tgt Ion: 99 Resp: 390546
Ion Ratio Lower Upper
99 100
42 27.4 19.4 29.2
71 37.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Tgt Ion: 136 Resp: 158997
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 13.2 10.2 15.2
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 91.374 ng

RT: 9.100 min Scan# 1042

Delta R.T. -0.013 min

Lab File: BG060873.D

Acq: 12 Apr 2024 14:11

Instrument :

BNA_G

ClientSampleId :

PB160167BL

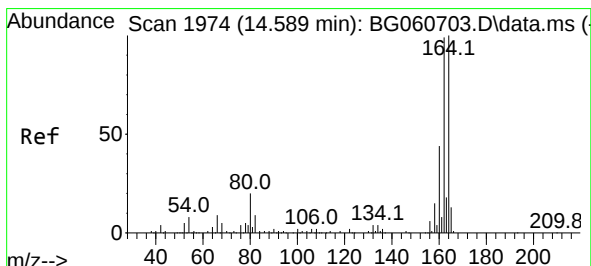
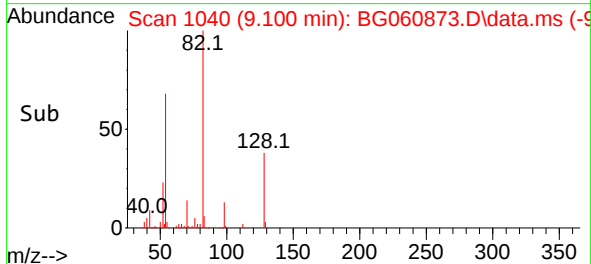
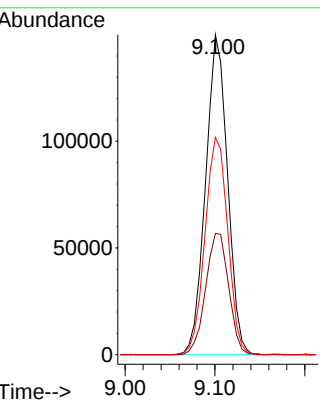
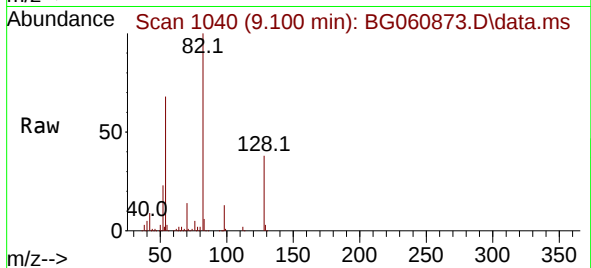
Tgt Ion: 82 Resp: 254605

Ion Ratio Lower Upper

82 100

128 37.9 31.2 46.8

54 67.9 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.582 min Scan# 1973

Delta R.T. -0.007 min

Lab File: BG060873.D

Acq: 12 Apr 2024 14:11

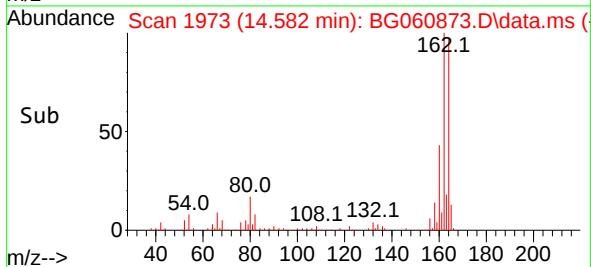
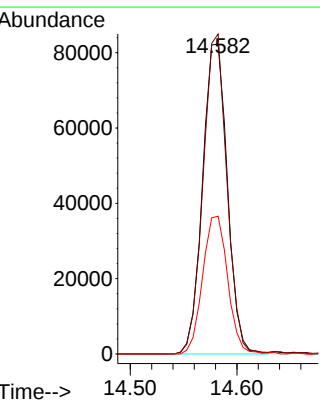
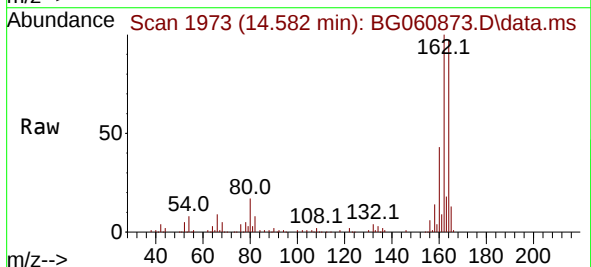
Tgt Ion: 164 Resp: 133055

Ion Ratio Lower Upper

164 100

162 103.2 79.5 119.3

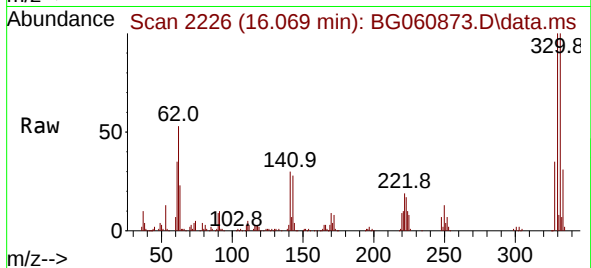
160 44.5 35.4 53.0



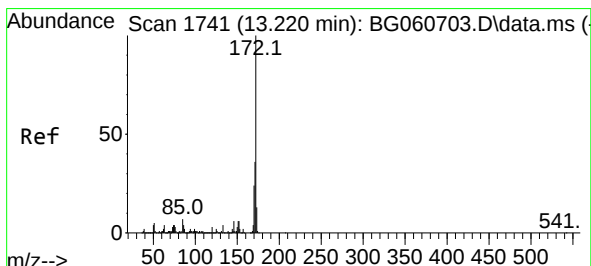
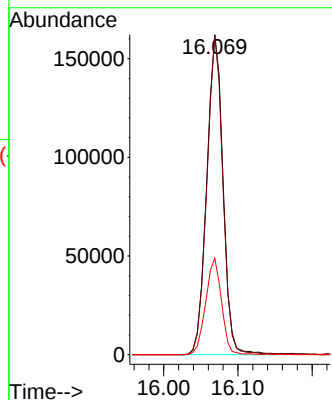
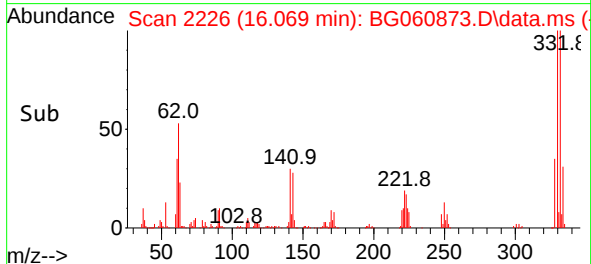


#42
2,4,6-Tribromophenol
Concen: 164.103 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Instrument :
BNA_G
ClientSampleId :
PB160167BL

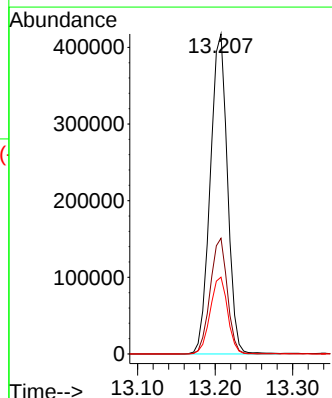
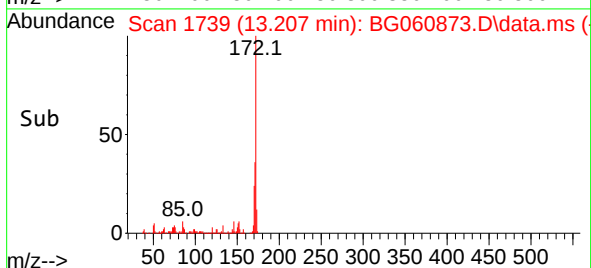
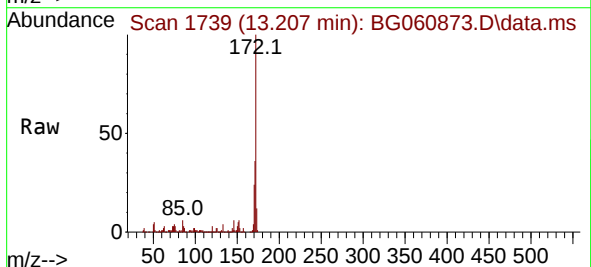


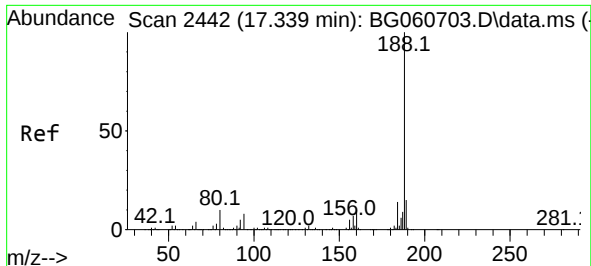
Tgt Ion:330 Resp: 247860
Ion Ratio Lower Upper
330 100
332 98.1 78.2 117.4
141 29.3 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 71.206 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Tgt Ion:172 Resp: 645556
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.0 19.4 29.0

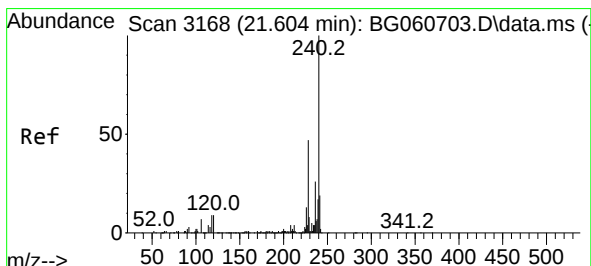
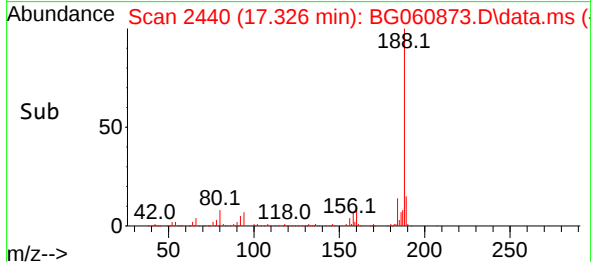
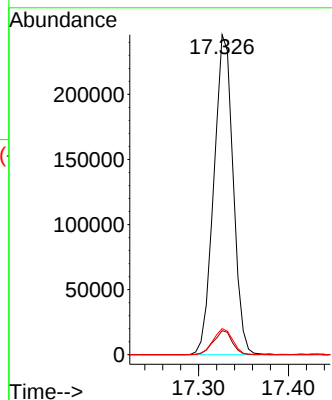
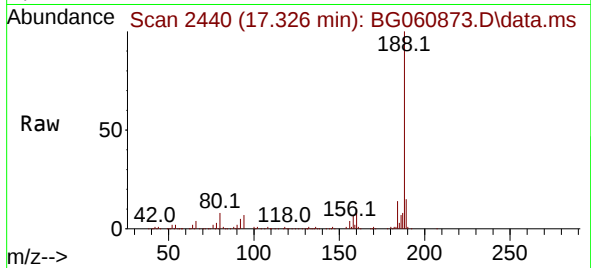




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 2442
Delta R.T. -0.013 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

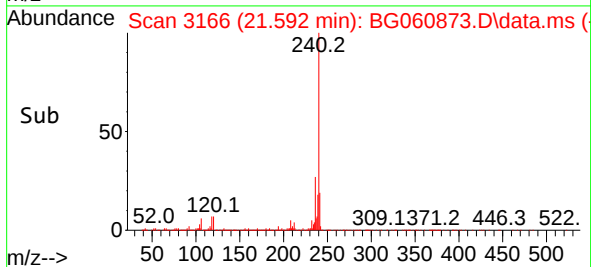
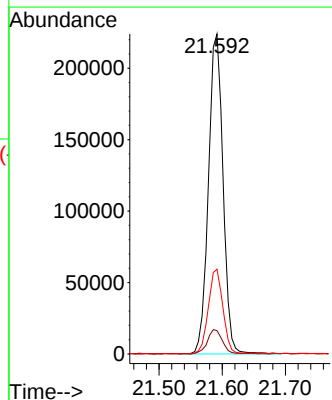
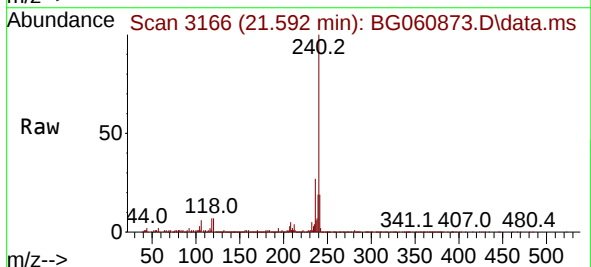
Instrument :
BNA_G
ClientSampleId :
PB160167BL

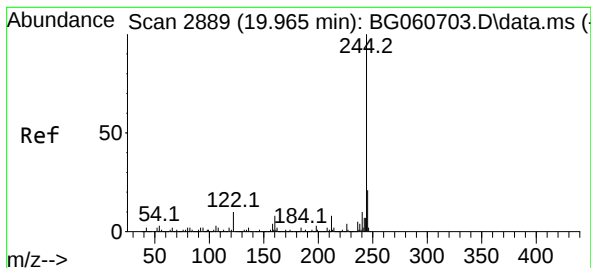
Tgt Ion:188 Resp: 366467
Ion Ratio Lower Upper
188 100
94 7.5 6.6 9.8
80 8.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3166
Delta R.T. -0.013 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Tgt Ion:240 Resp: 358892
Ion Ratio Lower Upper
240 100
120 7.3 7.1 10.7
236 26.5 20.7 31.1





#79

Terphenyl-d14

Concen: 75.545 ng

RT: 19.952 min Scan# 2

Delta R.T. -0.013 min

Lab File: BG060873.D

Acq: 12 Apr 2024 14:11

Instrument :

BNA_G

ClientSampleId :

PB160167BL

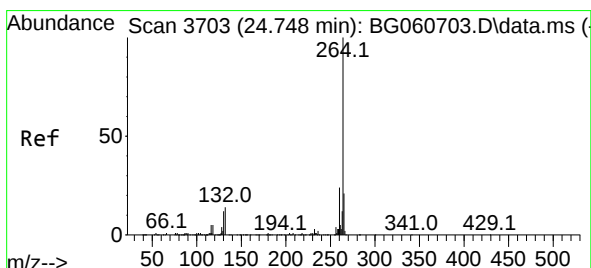
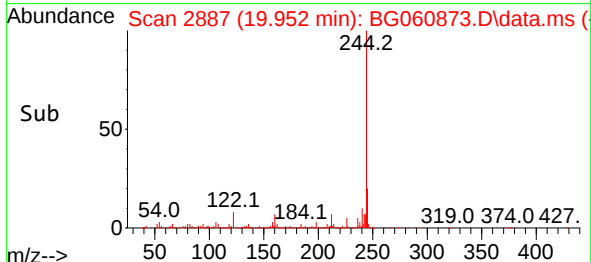
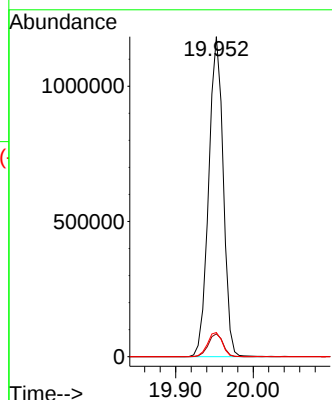
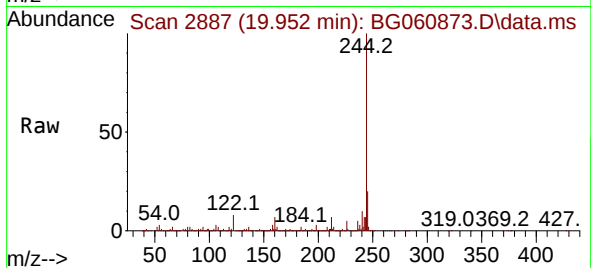
Tgt Ion:244 Resp: 1539745

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 7.6 7.8 11.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.729 min Scan# 3700

Delta R.T. -0.018 min

Lab File: BG060873.D

Acq: 12 Apr 2024 14:11

Tgt Ion:264 Resp: 406515

Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

265 20.7 16.9 25.3

