

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030069.D
 Acq On : 26 Feb 2024 23:02
 Operator : MA/JU
 Sample : PB159269BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB159269BL

Quant Time: Feb 27 00:32:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

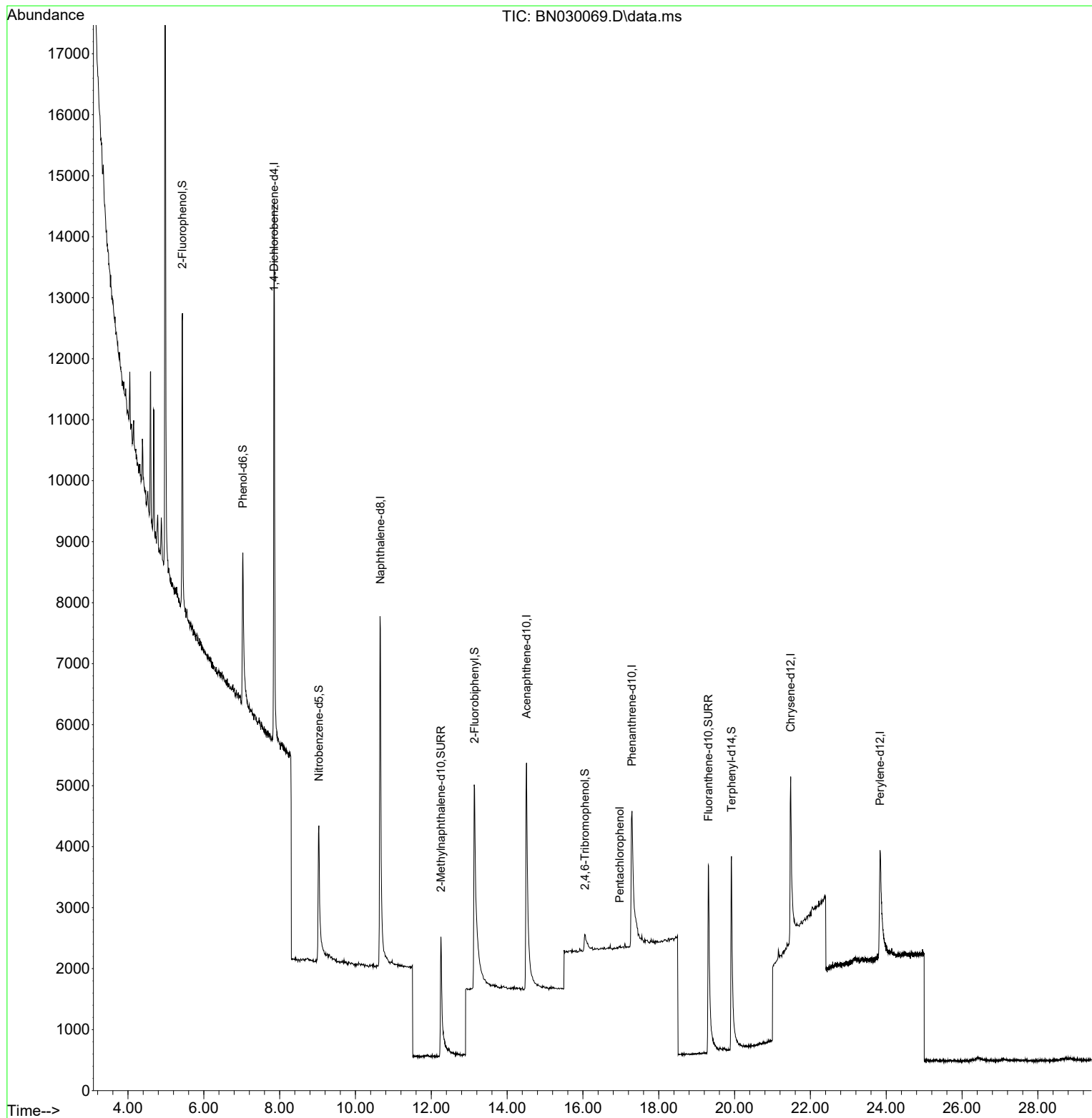
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4733	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	11562	0.400	ng	0.01
13) Acenaphthene-d10	14.511	164	4694	0.400	ng	0.02
19) Phenanthrene-d10	17.293	188	8317	0.400	ng	# 0.04
29) Chrysene-d12	21.478	240	5689	0.400	ng	0.02
35) Perylene-d12	23.837	264	5344	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4208	0.370	ng	0.00
5) Phenol-d6	7.031	99	3807	0.290	ng	0.00
8) Nitrobenzene-d5	9.035	82	3616	0.376	ng	0.02
11) 2-Methylnaphthalene-d10	12.253	152	5552	0.353	ng	0.00
14) 2,4,6-Tribromophenol	16.051	330	332	0.220	ng	0.05
15) 2-Fluorobiphenyl	13.143	172	6618	0.328	ng	0.02
27) Fluoranthene-d10	19.313	212	7993	0.397	ng	0.02
31) Terphenyl-d14	19.917	244	6828	0.484	ng	0.02
Target Compounds						
24) Pentachlorophenol	16.970	266	52	0.027	ng	# 18

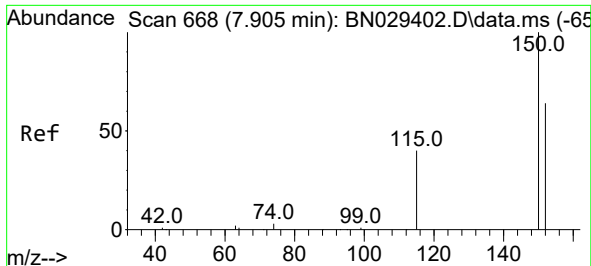
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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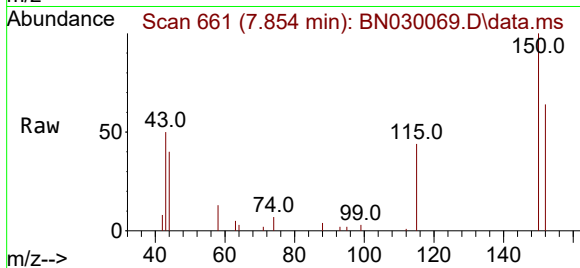
Quant Time: Feb 27 00:32:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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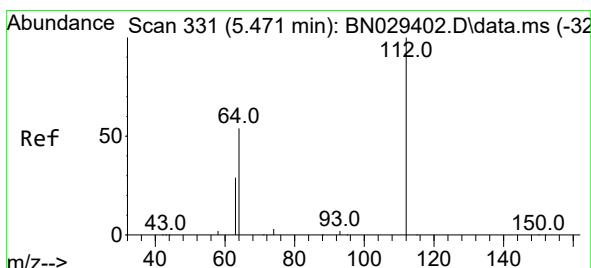
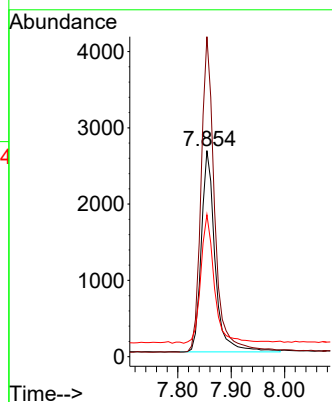
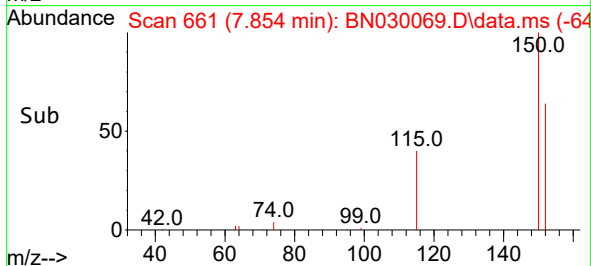


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN030069.D
 Acq: 26 Feb 2024 23:02

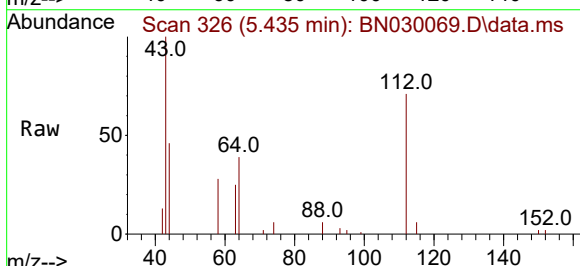
Instrument :
 BNA_N
 ClientSampleId :
 PB159269BL



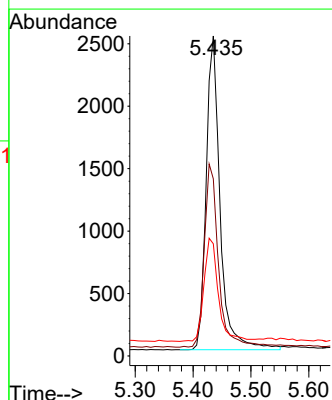
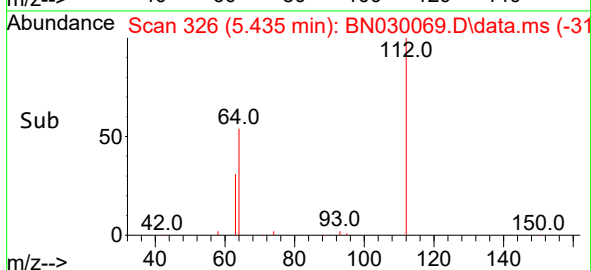
Tgt Ion:152 Resp: 4733
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.0 184.4
 115 68.9 51.4 77.0

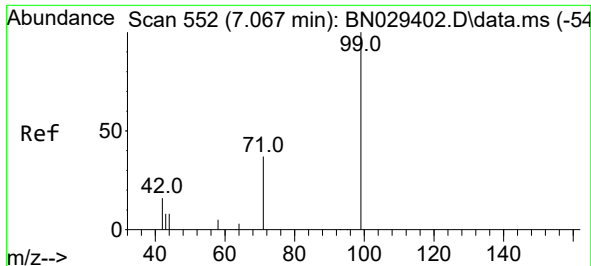


#4
 2-Fluorophenol
 Concen: 0.370 ng
 RT: 5.435 min Scan# 326
 Delta R.T. 0.007 min
 Lab File: BN030069.D
 Acq: 26 Feb 2024 23:02



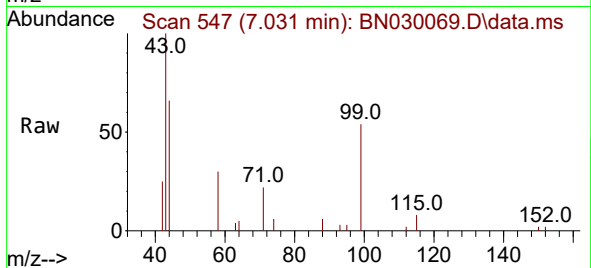
Tgt Ion:112 Resp: 4208
 Ion Ratio Lower Upper
 112 100
 64 59.9 47.2 70.8
 63 33.8 25.8 38.6



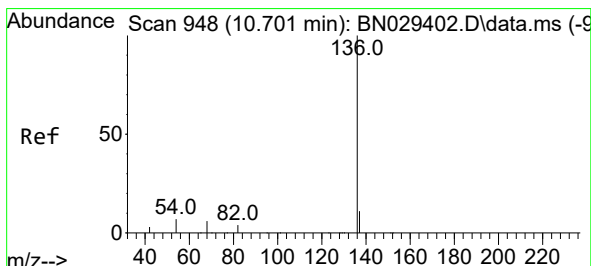
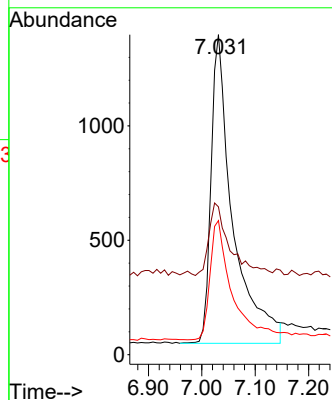
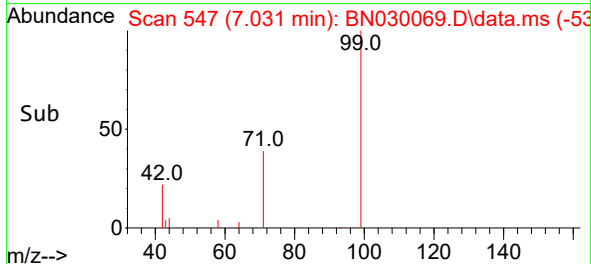


#5
Phenol-d6
Concen: 0.290 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN030069.D
Acq: 26 Feb 2024 23:02

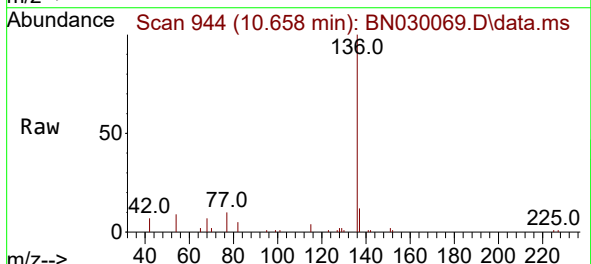
Instrument :
BNA_N
ClientSampleId :
PB159269BL



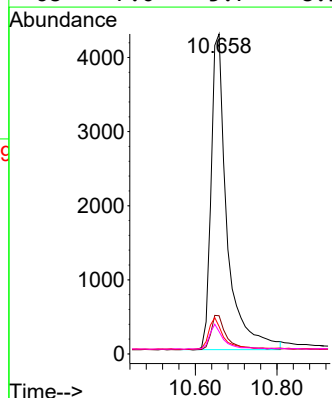
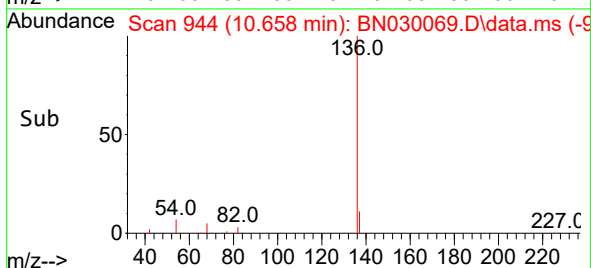
Tgt Ion: 99 Resp: 3807
Ion Ratio Lower Upper
99 100
42 22.6 16.9 25.3
71 39.2 30.0 45.0

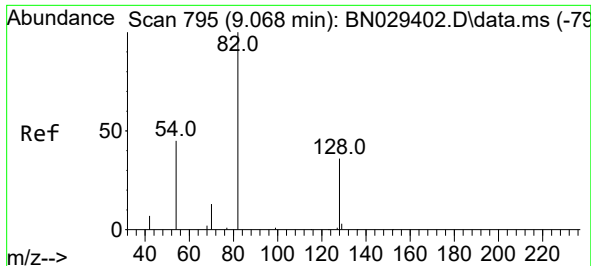


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.011 min
Lab File: BN030069.D
Acq: 26 Feb 2024 23:02



Tgt Ion: 136 Resp: 11562
Ion Ratio Lower Upper
136 100
137 11.9 9.7 14.5
54 8.6 6.6 10.0
68 7.0 5.7 8.5

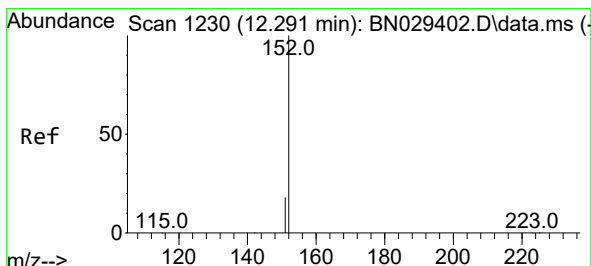
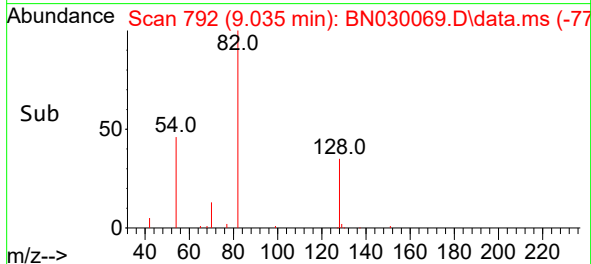
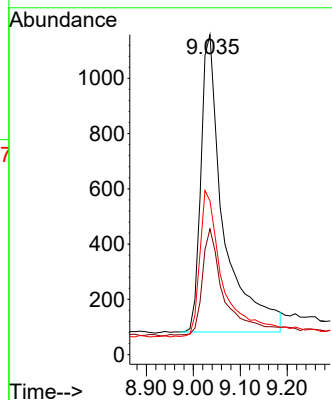
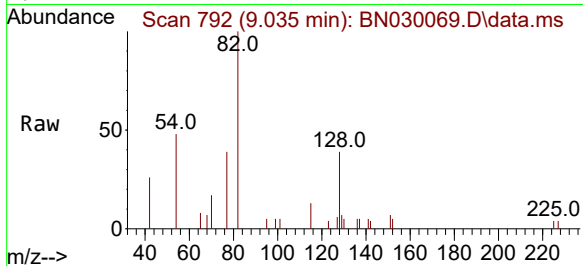




#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 9.035 min Scan# 79
Delta R.T. 0.022 min
Lab File: BN030069.D
Acq: 26 Feb 2024 23:02

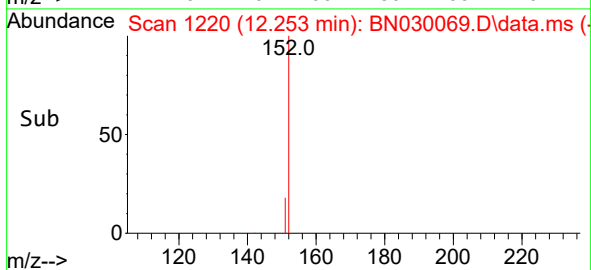
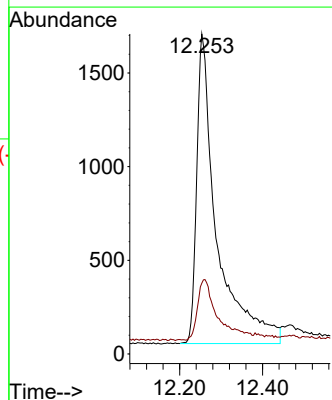
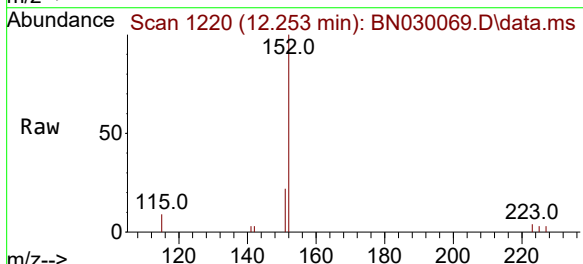
Instrument :
BNA_N
ClientSampleId :
PB159269BL

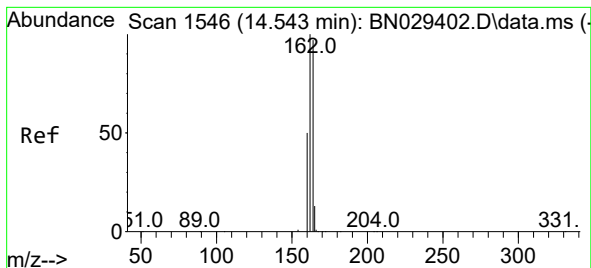
Tgt Ion: 82 Resp: 3616
Ion Ratio Lower Upper
82 100
128 39.3 31.6 47.4
54 48.1 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.253 min Scan# 1220
Delta R.T. 0.008 min
Lab File: BN030069.D
Acq: 26 Feb 2024 23:02

Tgt Ion: 152 Resp: 5552
Ion Ratio Lower Upper
152 100
151 17.5 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.511 min Scan# 1

Delta R.T. 0.022 min

Lab File: BN030069.D

Acq: 26 Feb 2024 23:02

Instrument :

BNA_N

ClientSampleId :

PB159269BL

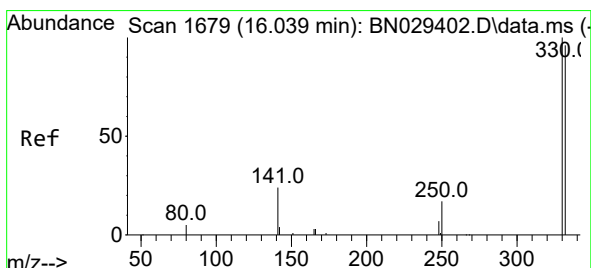
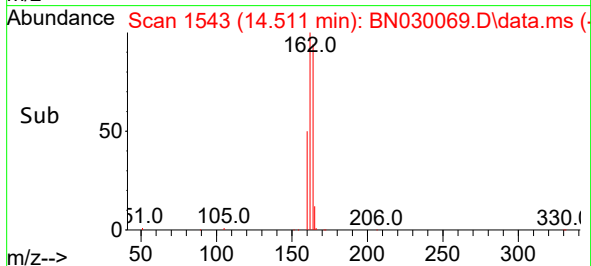
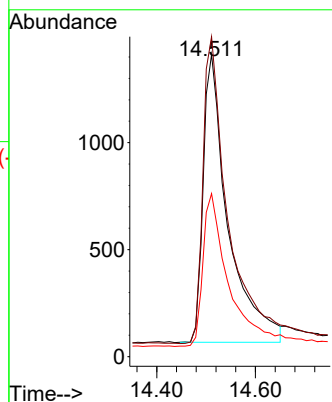
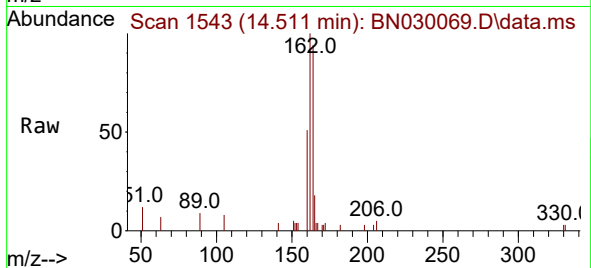
Tgt Ion:164 Resp: 4694

Ion Ratio Lower Upper

164 100

162 105.9 82.6 123.8

160 54.0 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.220 ng

RT: 16.051 min Scan# 1680

Delta R.T. 0.050 min

Lab File: BN030069.D

Acq: 26 Feb 2024 23:02

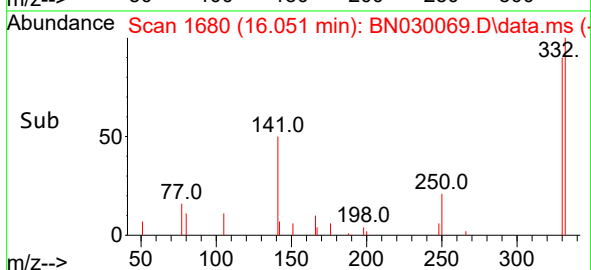
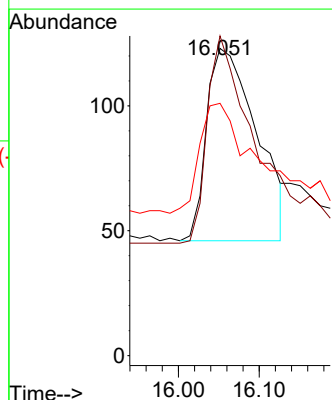
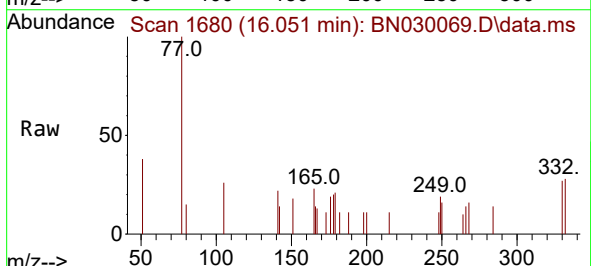
Tgt Ion:330 Resp: 332

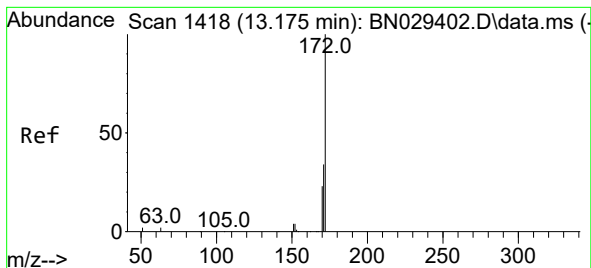
Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

141 55.7 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.328 ng

RT: 13.143 min Scan# 1418

Delta R.T. 0.022 min

Lab File: BN030069.D

Acq: 26 Feb 2024 23:02

Instrument :

BNA_N

ClientSampleId :

PB159269BL

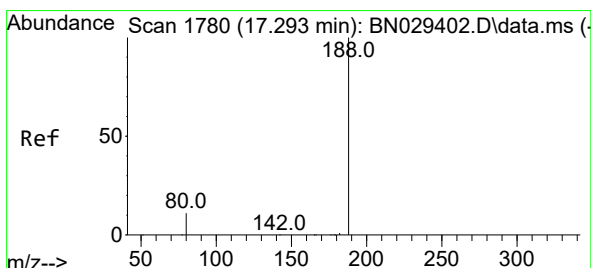
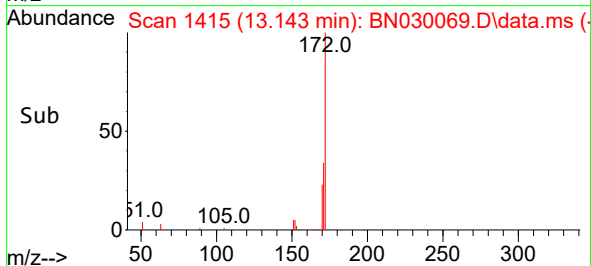
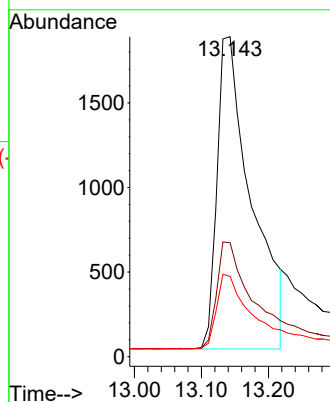
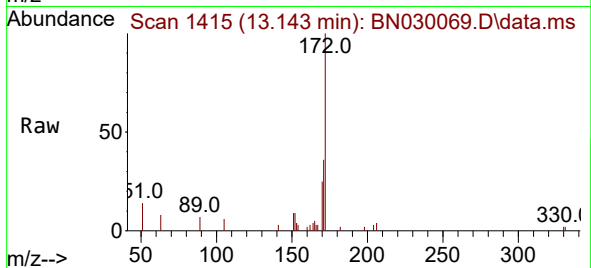
Tgt Ion:172 Resp: 6618

Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

170 25.1 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.293 min Scan# 1780

Delta R.T. 0.037 min

Lab File: BN030069.D

Acq: 26 Feb 2024 23:02

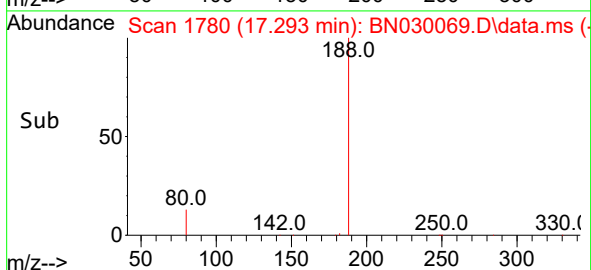
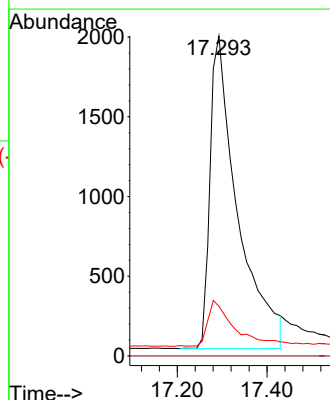
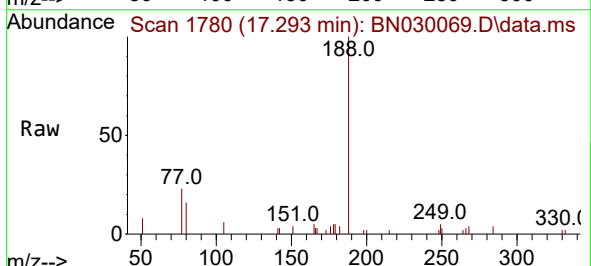
Tgt Ion:188 Resp: 8317

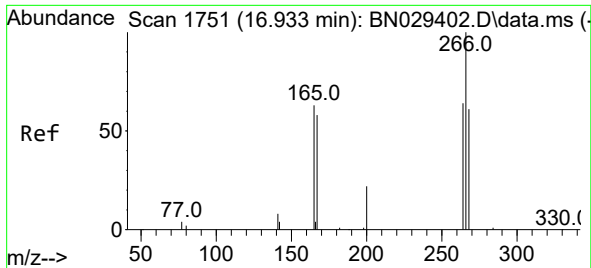
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.5 10.0 15.0#

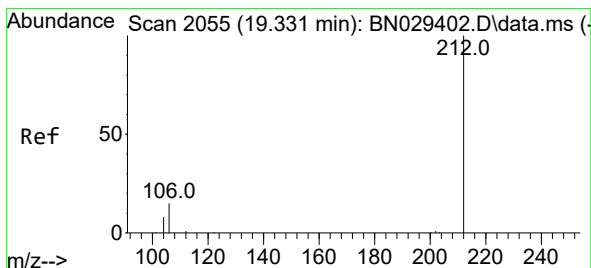
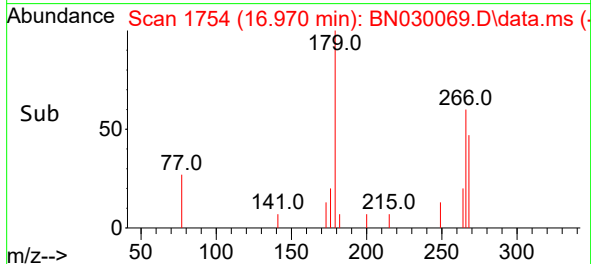
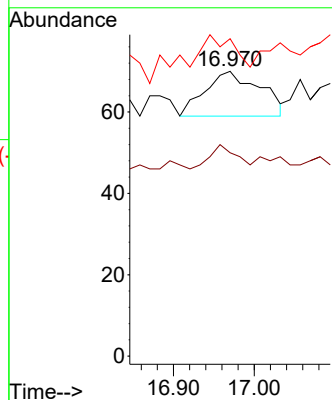
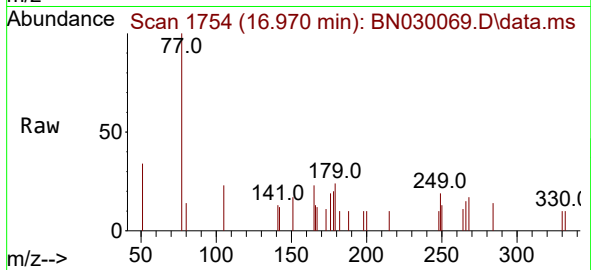




#24
 Pentachlorophenol
 Concen: 0.027 ng
 RT: 16.970 min Scan# 11
 Delta R.T. 0.062 min
 Lab File: BN030069.D
 Acq: 26 Feb 2024 23:02

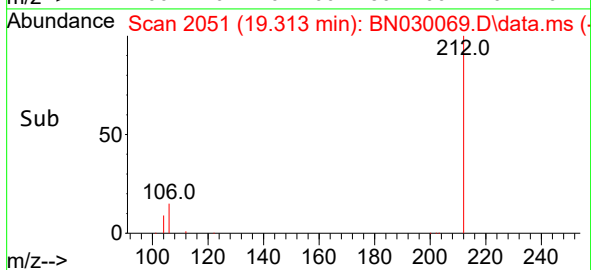
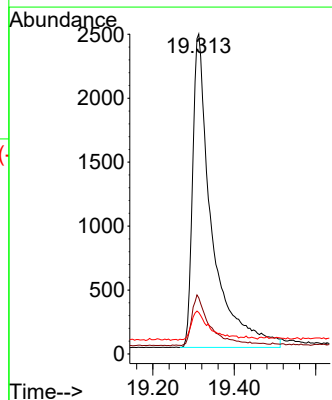
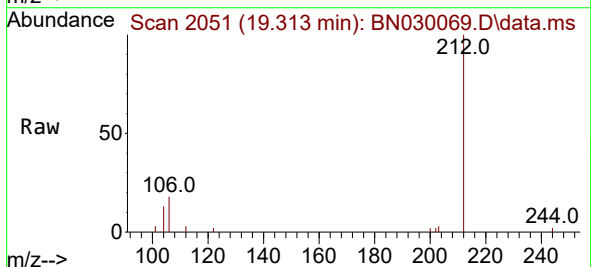
Instrument :
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 PB159269BL

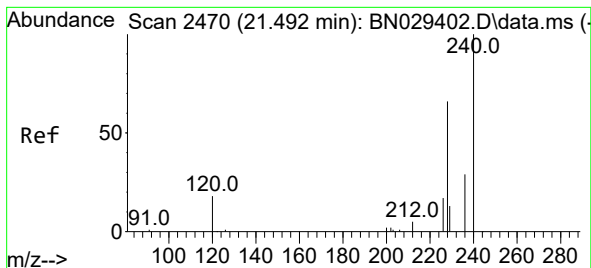
Tgt Ion:266 Resp: 52
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.8 76.2#
 268 0.0 51.5 77.3#



#27
 Fluoranthene-d10
 Concen: 0.397 ng
 RT: 19.313 min Scan# 2051
 Delta R.T. 0.023 min
 Lab File: BN030069.D
 Acq: 26 Feb 2024 23:02

Tgt Ion:212 Resp: 7993
 Ion Ratio Lower Upper
 212 100
 106 15.5 13.2 19.8
 104 8.6 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.478 min Scan# 2468

Delta R.T. 0.022 min

Lab File: BN030069.D

Acq: 26 Feb 2024 23:02

Instrument :

BNA_N

ClientSampleId :

PB159269BL

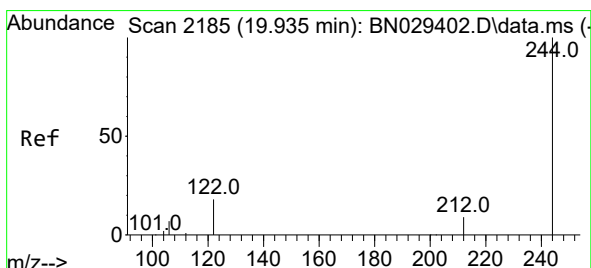
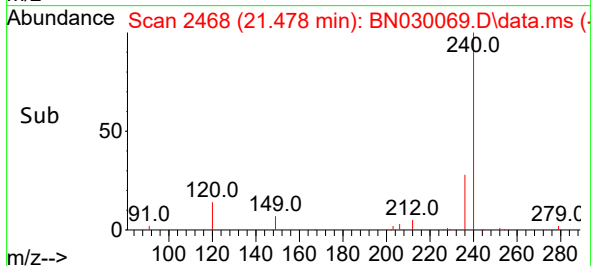
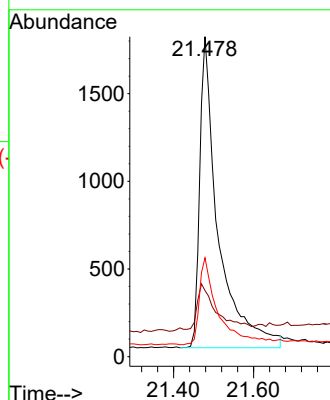
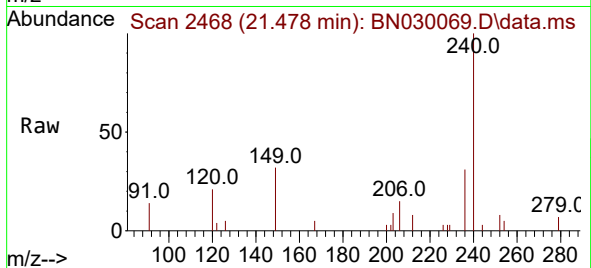
Tgt Ion:240 Resp: 5689

Ion Ratio Lower Upper

240 100

120 20.7 16.7 25.1

236 30.9 23.9 35.9



#31

Terphenyl-d14

Concen: 0.484 ng

RT: 19.917 min Scan# 2181

Delta R.T. 0.019 min

Lab File: BN030069.D

Acq: 26 Feb 2024 23:02

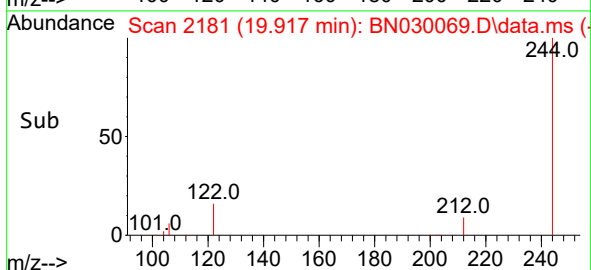
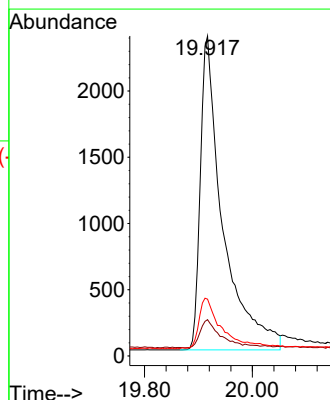
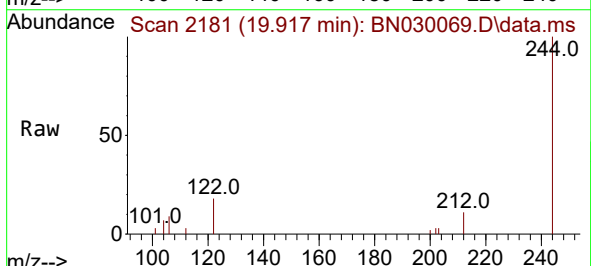
Tgt Ion:244 Resp: 6828

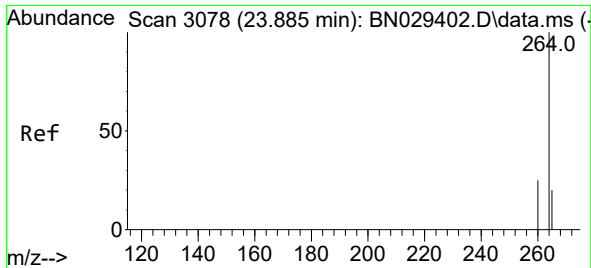
Ion Ratio Lower Upper

244 100

212 11.4 8.2 12.4

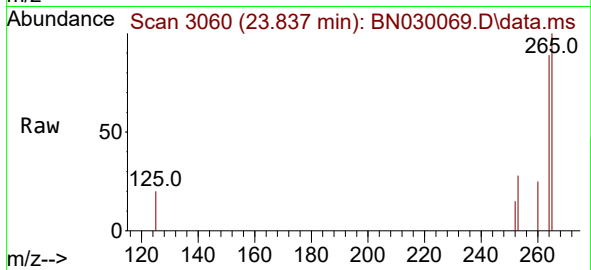
122 17.8 15.6 23.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.837 min Scan# 3078
 Delta R.T. 0.016 min
 Lab File: BN030069.D
 Acq: 26 Feb 2024 23:02

Instrument :
 BNA_N
 ClientSampleId :
 PB159269BL



Tgt Ion:264 Resp: 5344
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.2 31.8
 265 112.3 41.5 62.3#

