

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029440.D
 Acq On : 31 Jan 2024 08:45
 Operator : MA/JU
 Sample : PB158555BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB158555BL

Quant Time: Jan 31 10:41:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 03:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	4407	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	11382	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4930	0.400	ng	-0.01
19) Phenanthrene-d10	17.293	188	8735	0.400	ng	0.00
29) Chrysene-d12	21.492	240	5149	0.400	ng	# 0.00
35) Perylene-d12	23.873	264	5102	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	4130	0.390	ng	0.00
5) Phenol-d6	7.067	99	4466	0.366	ng	0.00
8) Nitrobenzene-d5	9.067	82	3259	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.291	152	6115	0.395	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	346	0.219	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	7713	0.364	ng	-0.01
27) Fluoranthene-d10	19.322	212	8354	0.395	ng	0.00
31) Terphenyl-d14	19.931	244	5278	0.413	ng	0.00

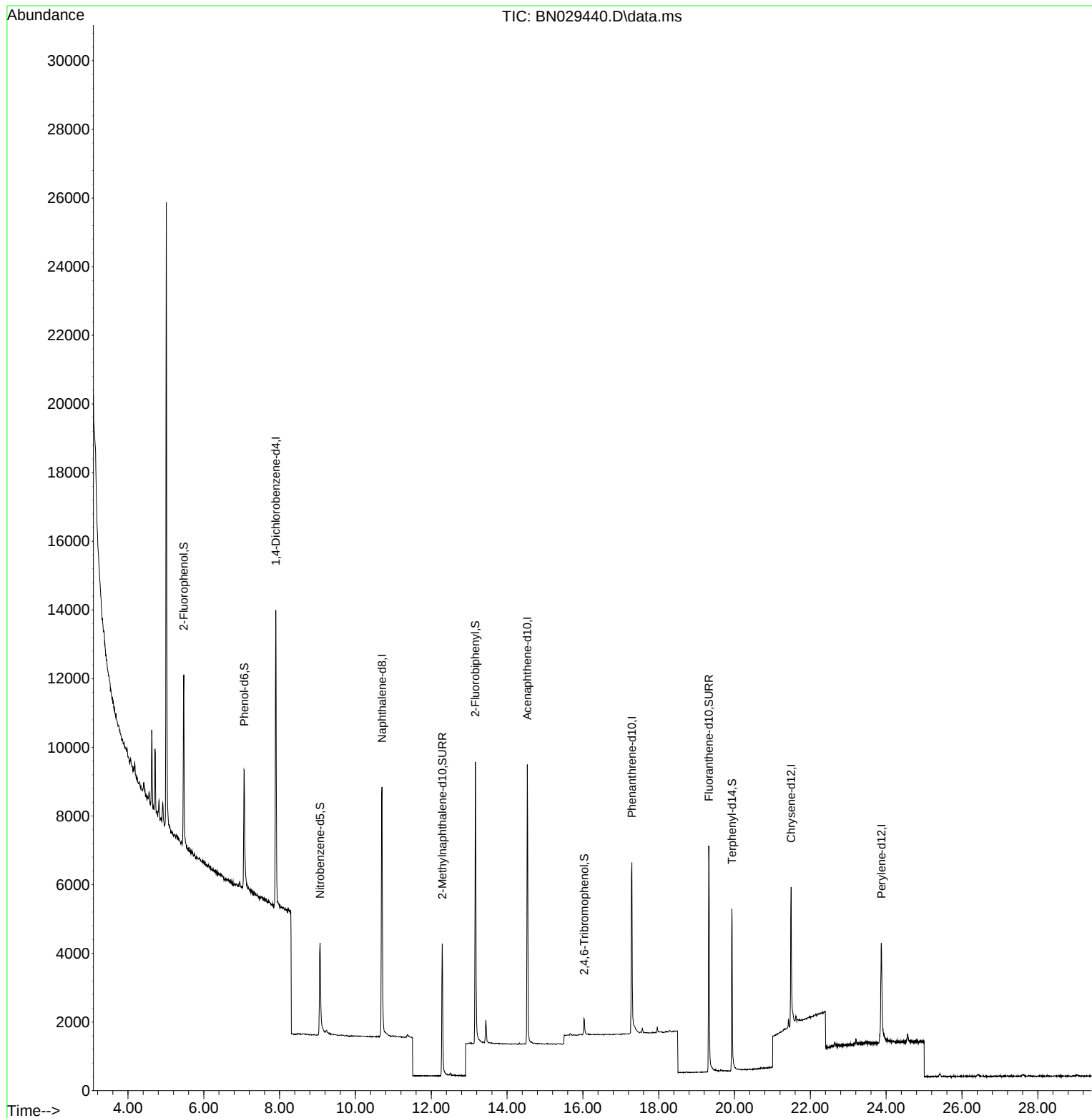
Target Compounds Qvalue

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

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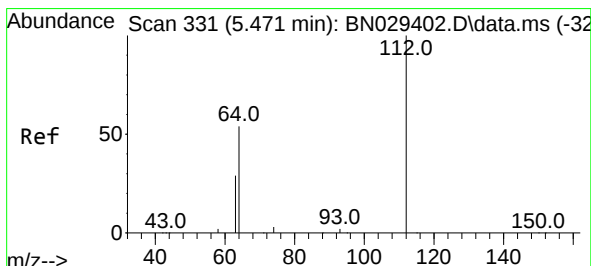
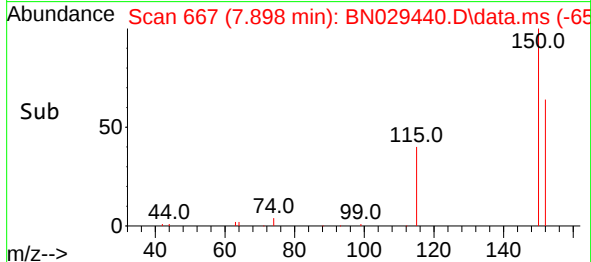
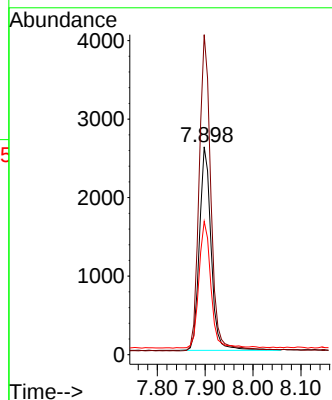
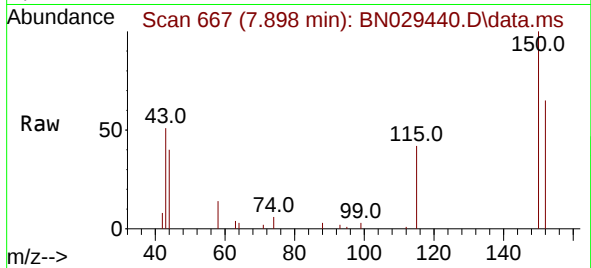




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 668
Delta R.T. -0.007 min
Lab File: BN029440.D
Acq: 31 Jan 2024 08:45

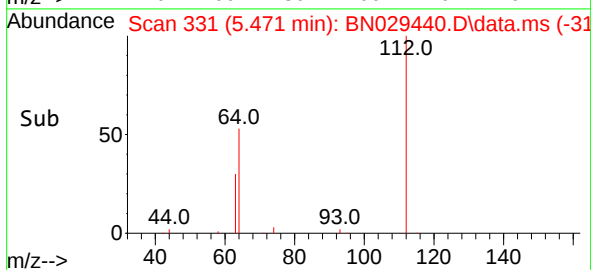
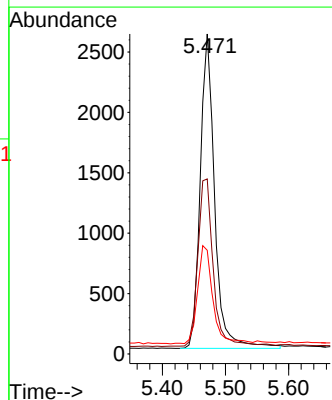
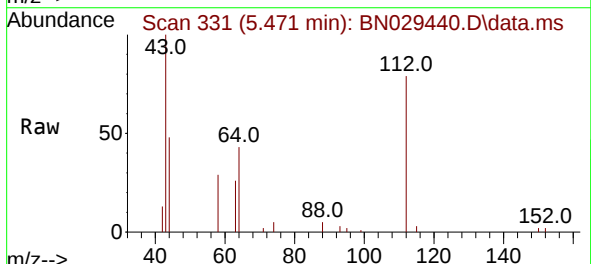
Instrument :
BNA_N
ClientSampleId :
PB158555BL

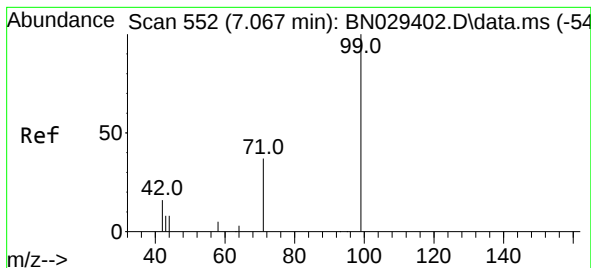
Tgt Ion:152 Resp: 4407
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.4
115 64.1 51.4 77.0



#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.471 min Scan# 331
Delta R.T. -0.000 min
Lab File: BN029440.D
Acq: 31 Jan 2024 08:45

Tgt Ion:112 Resp: 4130
Ion Ratio Lower Upper
112 100
64 56.5 47.2 70.8
63 33.1 25.8 38.6





#5

Phenol-d6

Concen: 0.366 ng

RT: 7.067 min Scan# 552

Delta R.T. -0.000 min

Lab File: BN029440.D

Acq: 31 Jan 2024 08:45

Instrument :

BNA_N

ClientSampleId :

PB158555BL

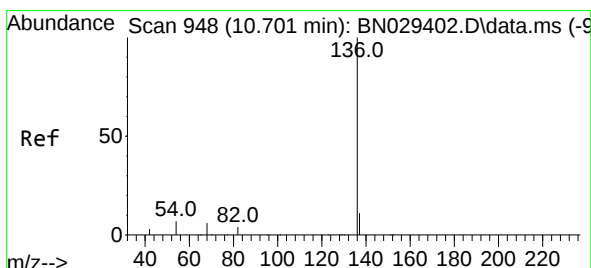
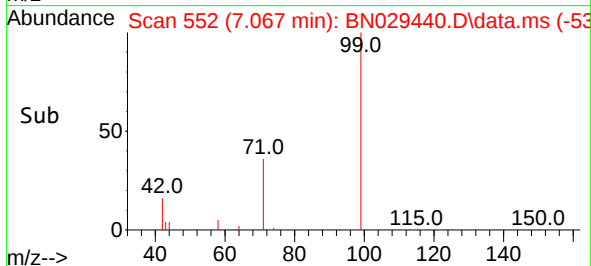
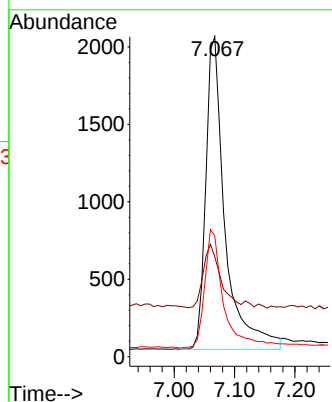
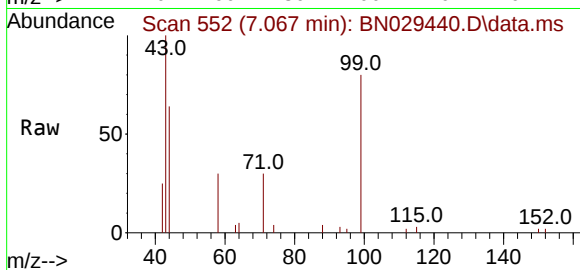
Tgt Ion: 99 Resp: 4466

Ion Ratio Lower Upper

99 100

42 18.0 16.9 25.3

71 37.6 30.0 45.0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.701 min Scan# 948

Delta R.T. -0.000 min

Lab File: BN029440.D

Acq: 31 Jan 2024 08:45

Tgt Ion: 136 Resp: 11382

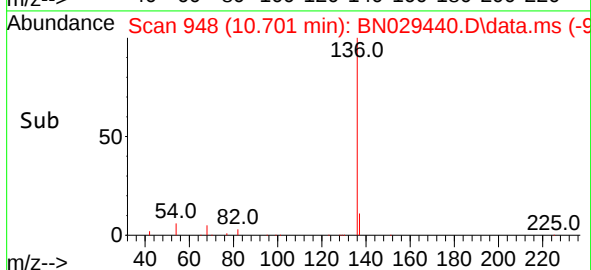
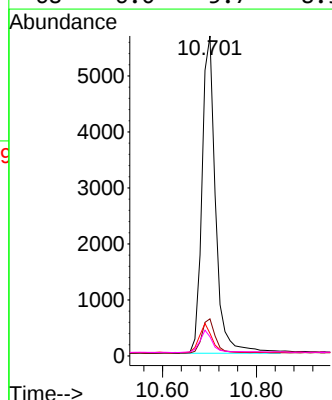
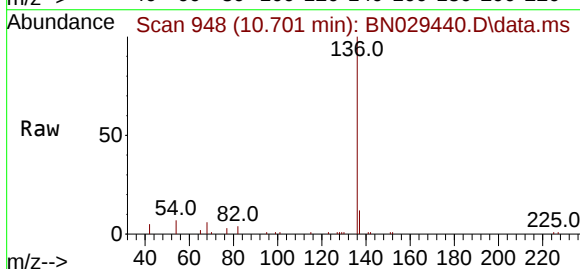
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 7.1 6.6 10.0

68 6.0 5.7 8.5

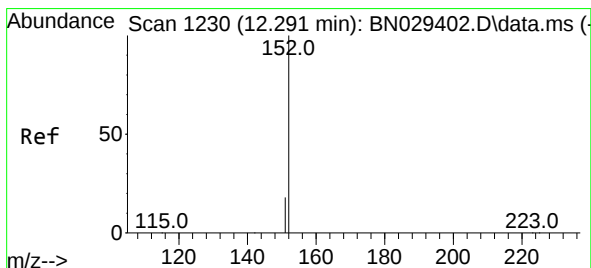
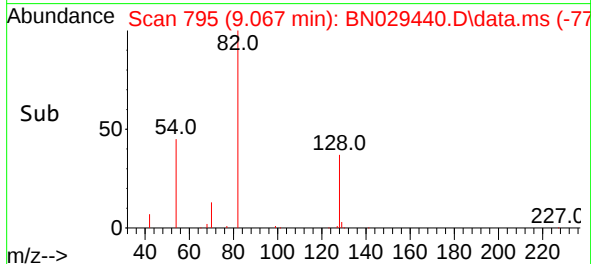
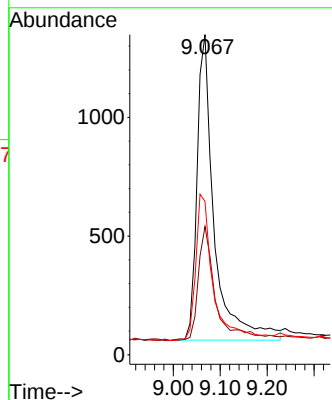
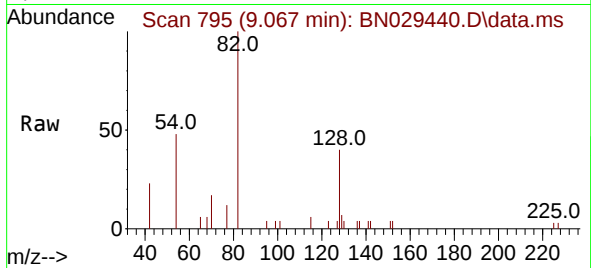




#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 9.067 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN029440.D
Acq: 31 Jan 2024 08:45

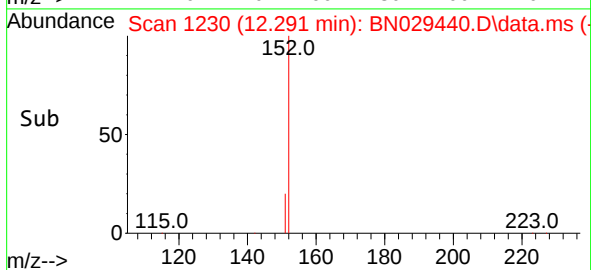
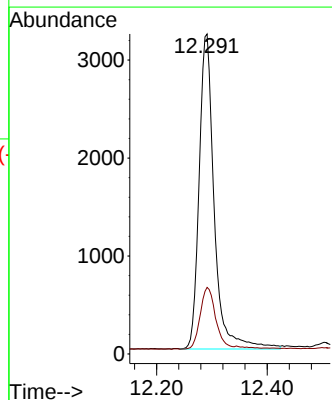
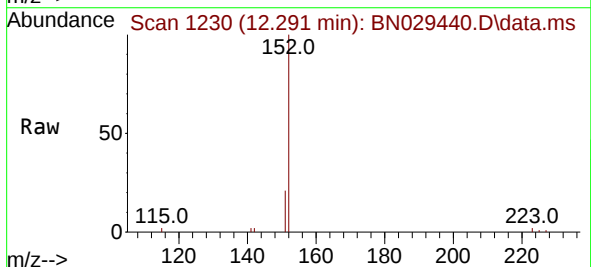
Instrument :
BNA_N
ClientSampleId :
PB158555BL

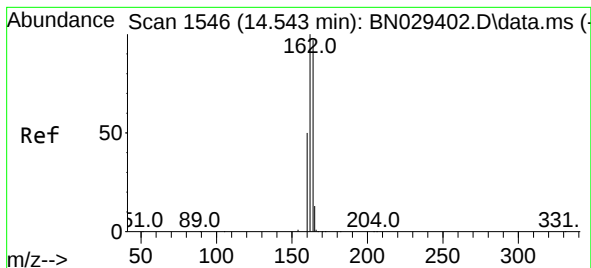
Tgt Ion: 82 Resp: 3259
Ion Ratio Lower Upper
82 100
128 40.1 31.6 47.4
54 47.9 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.291 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BN029440.D
Acq: 31 Jan 2024 08:45

Tgt Ion: 152 Resp: 6115
Ion Ratio Lower Upper
152 100
151 20.2 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.532 min Scan# 1545

Delta R.T. -0.011 min

Lab File: BN029440.D

Acq: 31 Jan 2024 08:45

Instrument :

BNA_N

ClientSampleId :

PB158555BL

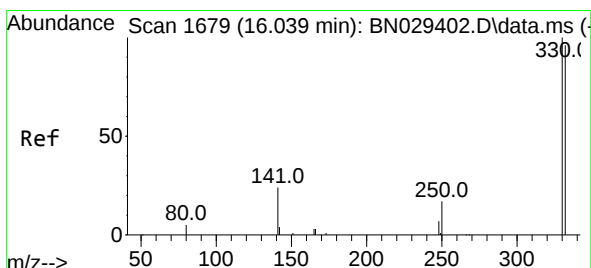
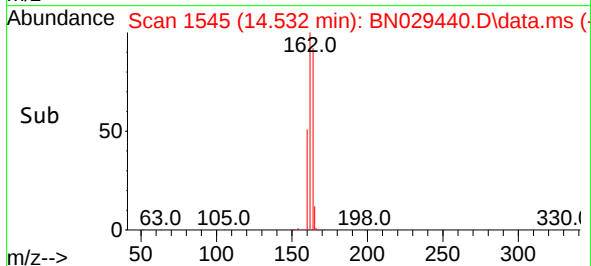
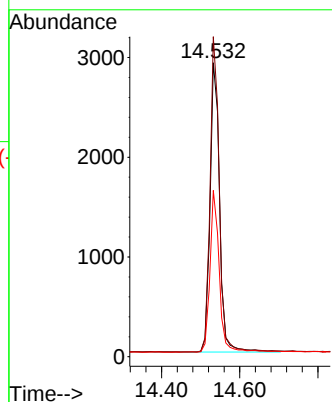
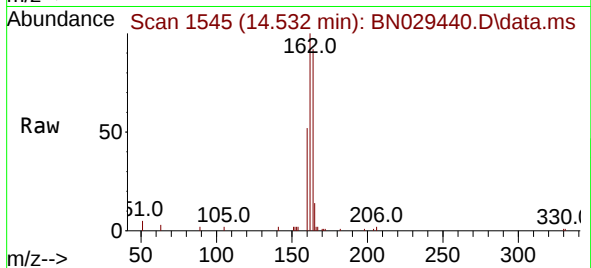
Tgt Ion:164 Resp: 4930

Ion Ratio Lower Upper

164 100

162 108.9 82.6 123.8

160 56.5 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.219 ng

RT: 16.039 min Scan# 1679

Delta R.T. -0.000 min

Lab File: BN029440.D

Acq: 31 Jan 2024 08:45

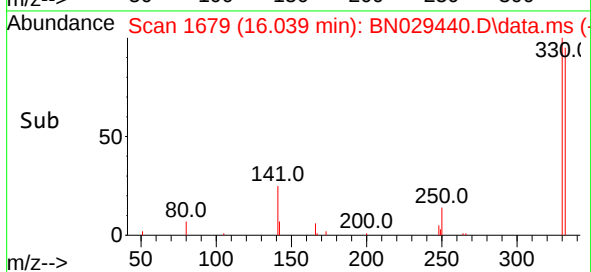
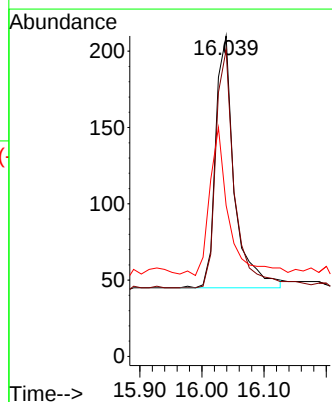
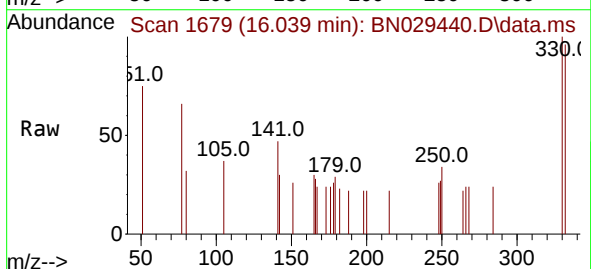
Tgt Ion:330 Resp: 346

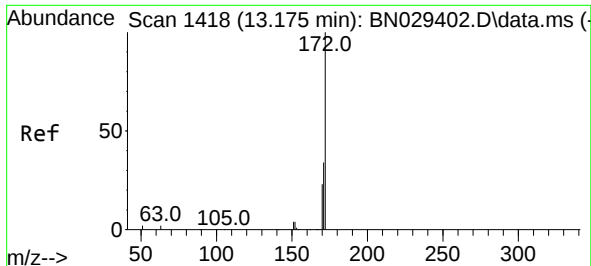
Ion Ratio Lower Upper

330 100

332 93.9 76.0 114.0

141 56.9 43.4 65.2

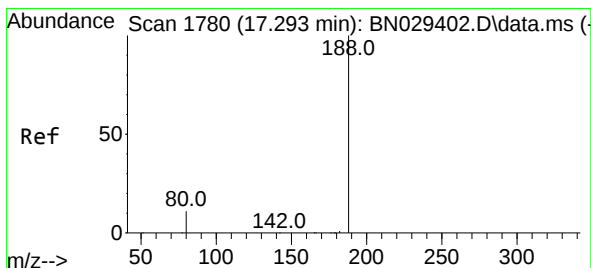
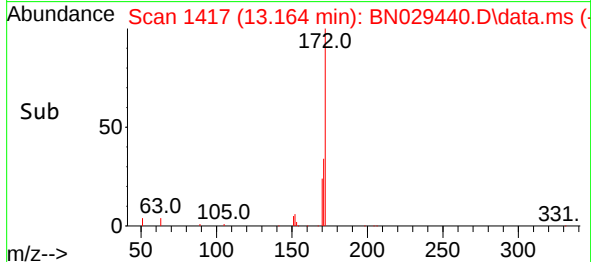
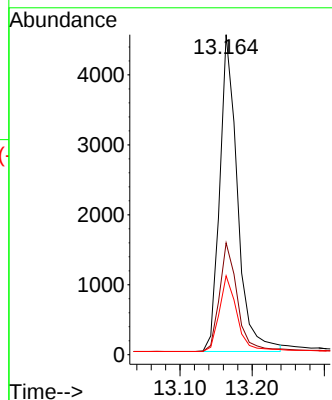
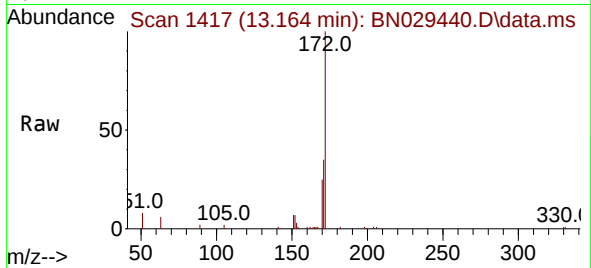




#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.164 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BN029440.D
Acq: 31 Jan 2024 08:45

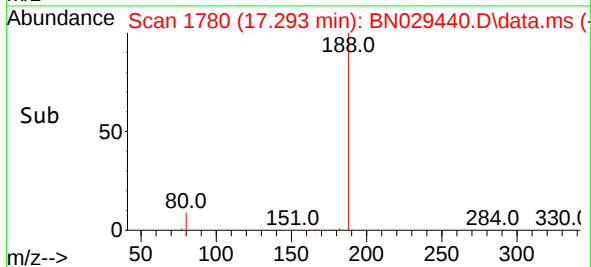
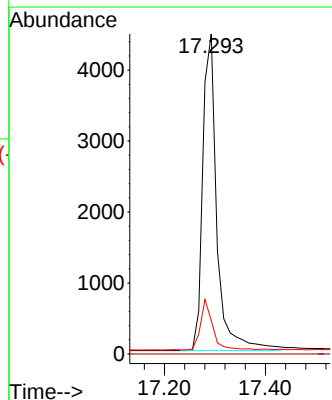
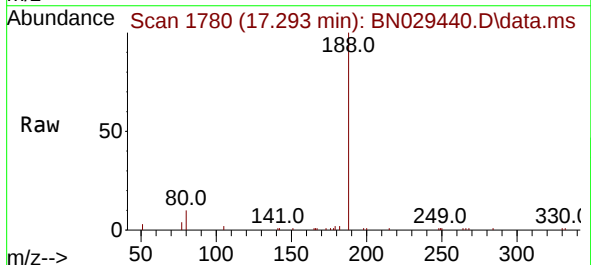
Instrument :
BNA_N
ClientSampleId :
PB158555BL

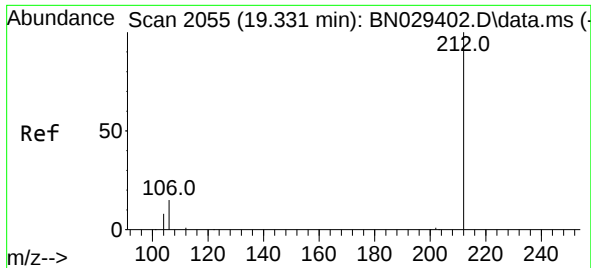
Tgt Ion:172 Resp: 7713
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 24.6 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.293 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BN029440.D
Acq: 31 Jan 2024 08:45

Tgt Ion:188 Resp: 8735
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 10.0 15.0

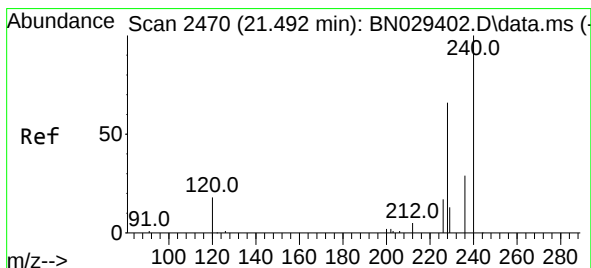
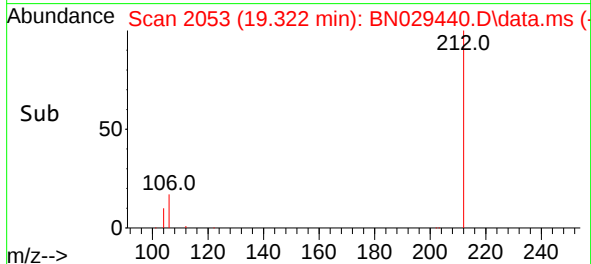
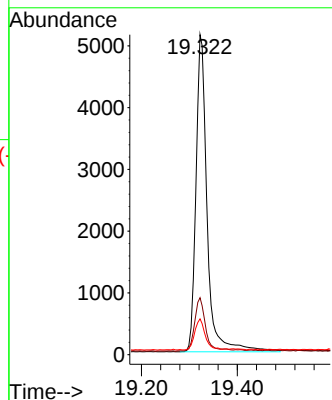
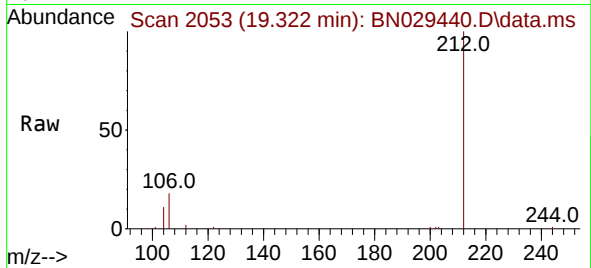




#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.322 min Scan# 2053
Delta R.T. -0.009 min
Lab File: BN029440.D
Acq: 31 Jan 2024 08:45

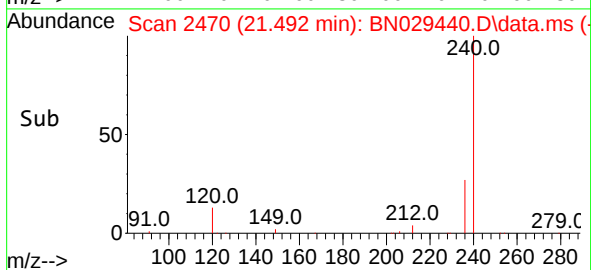
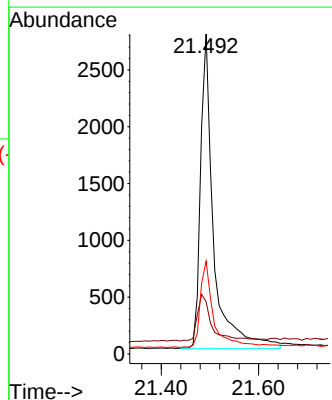
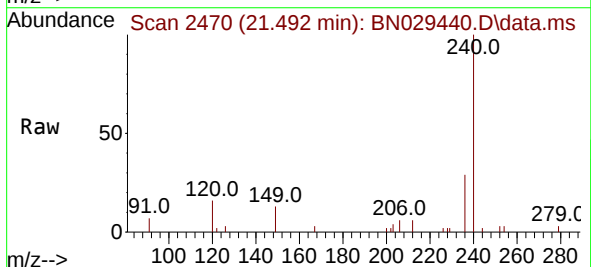
Instrument :
BNA_N
ClientSampleId :
PB158555BL

Tgt Ion:212 Resp: 8354
Ion Ratio Lower Upper
212 100
106 16.5 13.2 19.8
104 9.2 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.492 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN029440.D
Acq: 31 Jan 2024 08:45

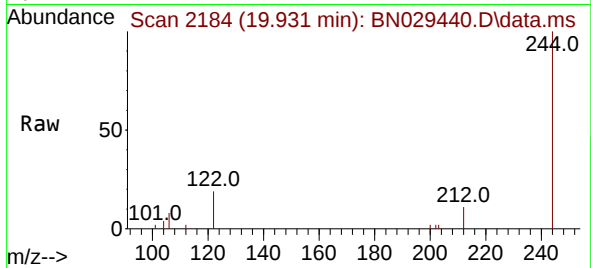
Tgt Ion:240 Resp: 5149
Ion Ratio Lower Upper
240 100
120 16.3 16.7 25.1#
236 29.0 23.9 35.9



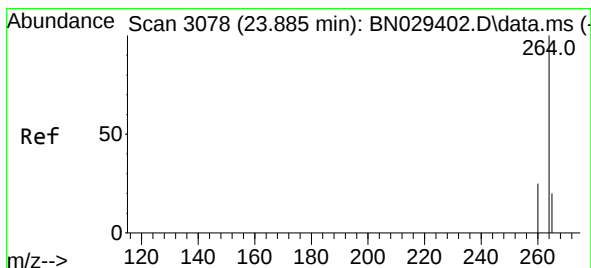
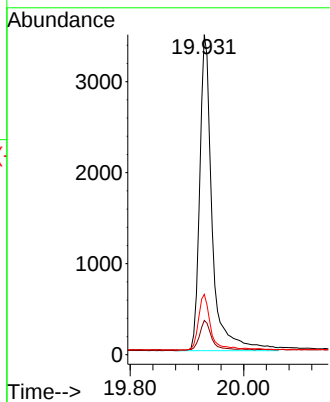
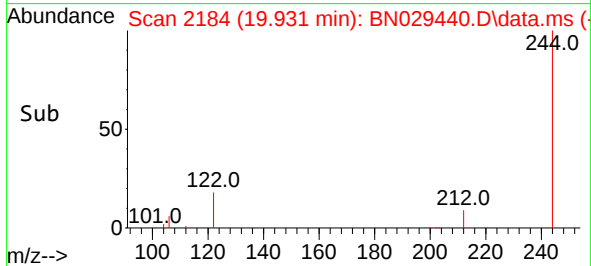


#31
Terphenyl-d14
Concen: 0.413 ng
RT: 19.931 min Scan# 2184
Delta R.T. -0.005 min
Lab File: BN029440.D
Acq: 31 Jan 2024 08:45

Instrument :
BNA_N
ClientSampleId :
PB158555BL



Tgt Ion:244 Resp: 5278
Ion Ratio Lower Upper
244 100
212 10.7 8.2 12.4
122 18.9 15.6 23.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.873 min Scan# 3074
Delta R.T. -0.012 min
Lab File: BN029440.D
Acq: 31 Jan 2024 08:45

Tgt Ion:264 Resp: 5102
Ion Ratio Lower Upper
264 100
260 26.7 21.2 31.8
265 53.5 41.5 62.3

