

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029982.D
 Acq On : 24 Feb 2024 07:41
 Operator : MA/JU
 Sample : P1507-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20240215

Quant Time: Feb 26 04:50:52 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)

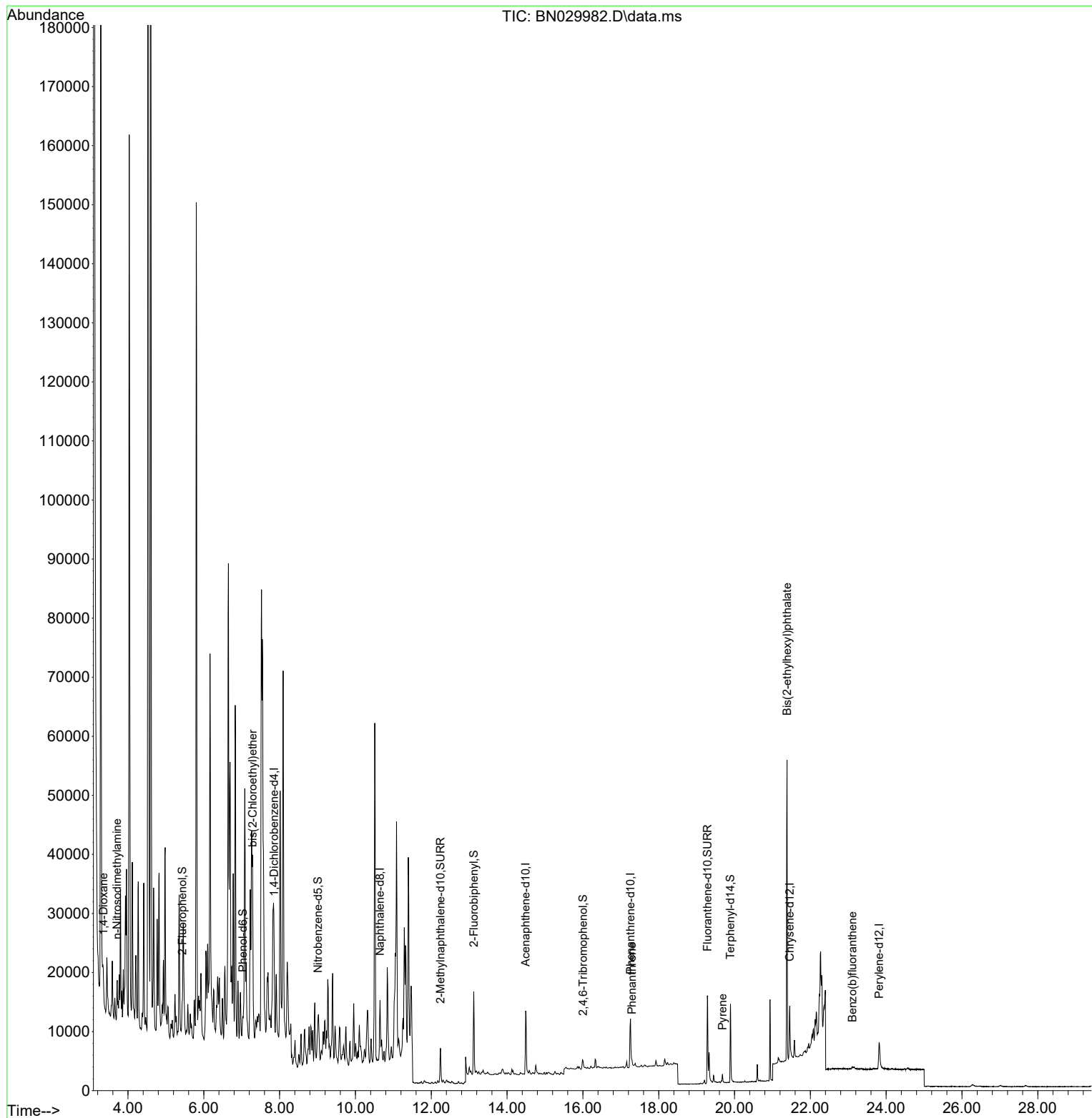
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5166	0.400	ng	# 0.00
7) Naphthalene-d8	10.648	136	14077	0.400	ng	# 0.00
13) Acenaphthene-d10	14.490	164	7332	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	14907	0.400	ng	0.00
29) Chrysene-d12	21.456	240	11197	0.400	ng	# 0.00
35) Perylene-d12	23.818	264	8373	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1987	0.160	ng	0.00
5) Phenol-d6	7.031	99	2525	0.176	ng	0.00
8) Nitrobenzene-d5	9.014	82	5685	0.485	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	8254	0.431	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	1107	0.471	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	12564	0.399	ng	0.00
27) Fluoranthene-d10	19.285	212	18297	0.507	ng	0.00
31) Terphenyl-d14	19.893	244	14292	0.514	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1899	0.261	ng	# 1
3) n-Nitrosodimethylamine	3.709	42	1997	0.337	ng	# 1
6) bis(2-Chloroethyl)ether	7.291	93	1848	0.135	ng	97
25) Phenanthrene	17.293	178	914	0.021	ng	# 87
30) Pyrene	19.680	202	1194	0.023	ng	98
34) Bis(2-ethylhexyl)phtha...	21.384	149	46579	1.787	ng	99
37) Benzo(b)fluoranthene	23.107	252	624	0.021	ng	# 1

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

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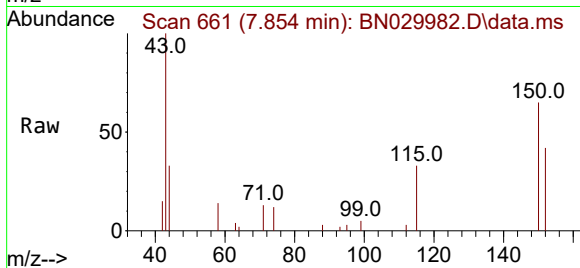
Quant Time: Feb 26 04:50:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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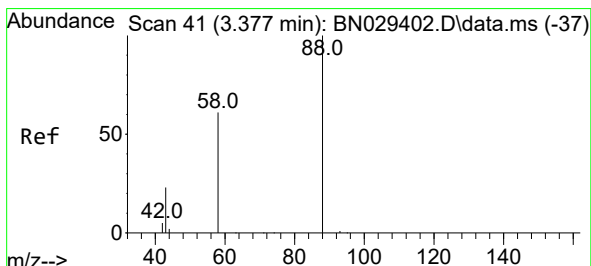
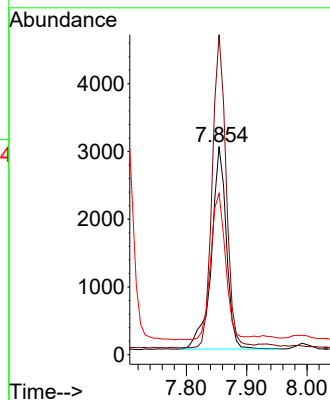
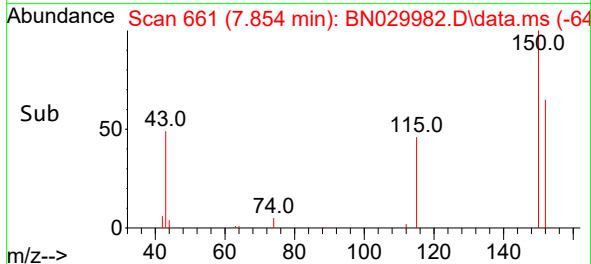


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

Instrument :
BNA_N
ClientSampleId :
MW179D-20240215

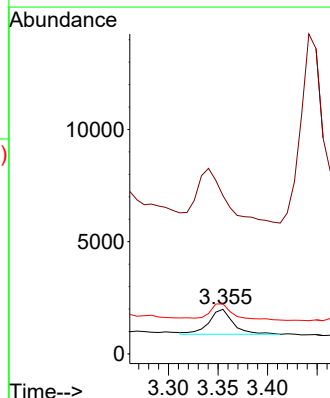
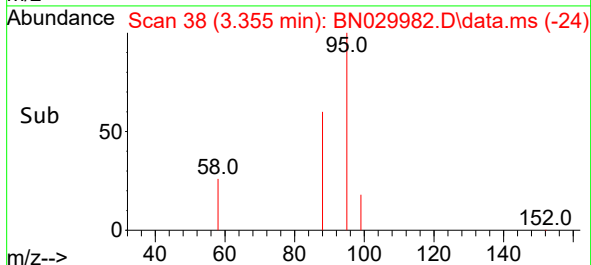
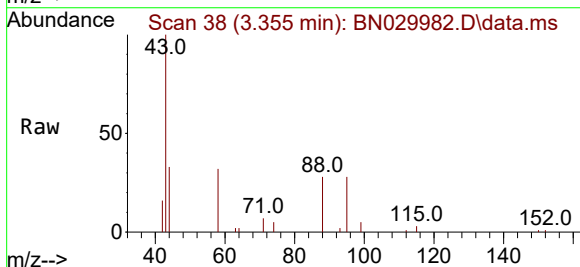


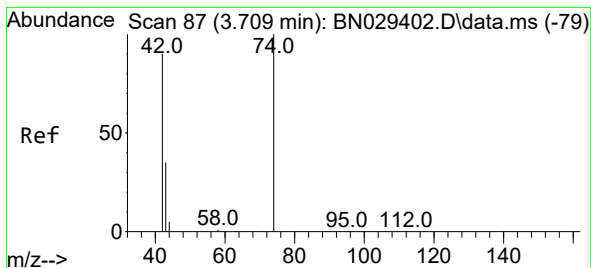
Tgt Ion:152 Resp: 5166
Ion Ratio Lower Upper
152 100
150 153.7 123.0 184.4
115 77.5 51.4 77.0#



#2
1,4-Dioxane
Concen: 0.261 ng
RT: 3.355 min Scan# 38
Delta R.T. 0.000 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

Tgt Ion: 88 Resp: 1899
Ion Ratio Lower Upper
88 100
43 252.4 23.3 34.9#
58 60.4 53.8 80.6





#3

n-Nitrosodimethylamine

Concen: 0.337 ng

RT: 3.709 min Scan# 81

Delta R.T. 0.022 min

Lab File: BN029982.D

Acq: 24 Feb 2024 07:41

Instrument :

BNA_N

ClientSampleId :

MW179D-20240215

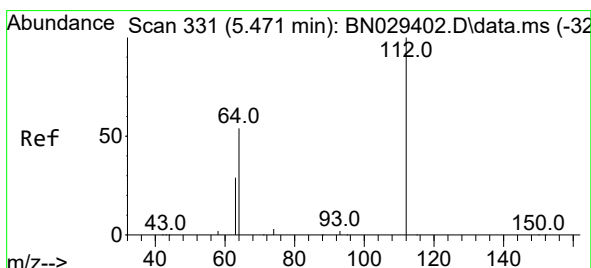
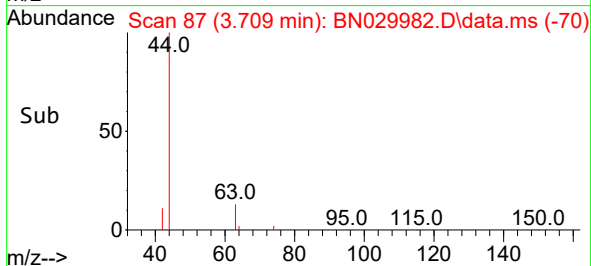
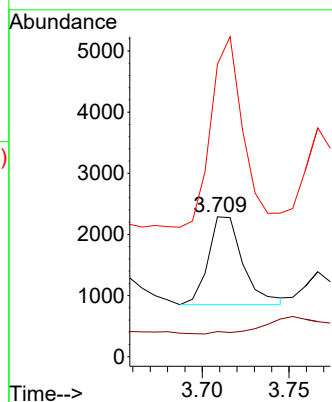
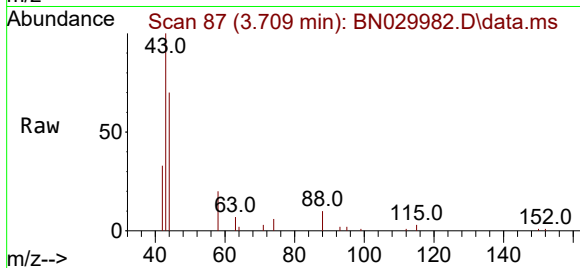
Tgt Ion: 42 Resp: 1997

Ion Ratio Lower Upper

42 100

74 0.0 93.7 140.5#

44 197.0 13.0 19.4#



#4

2-Fluorophenol

Concen: 0.160 ng

RT: 5.435 min Scan# 326

Delta R.T. 0.007 min

Lab File: BN029982.D

Acq: 24 Feb 2024 07:41

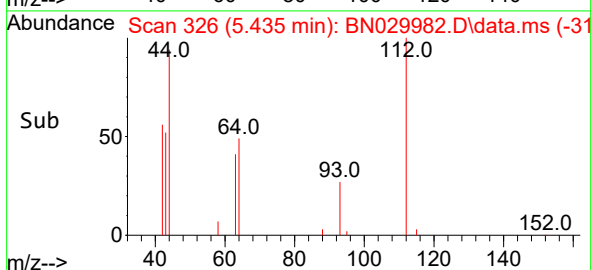
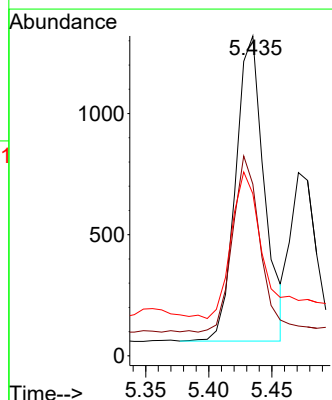
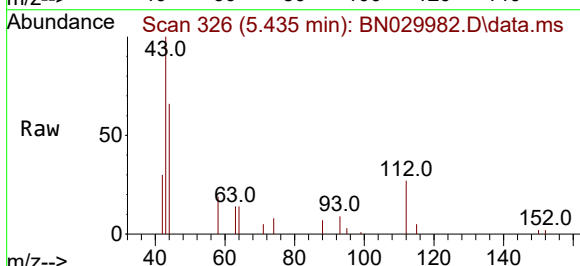
Tgt Ion: 112 Resp: 1987

Ion Ratio Lower Upper

112 100

64 57.4 47.2 70.8

63 56.1 25.8 38.6#

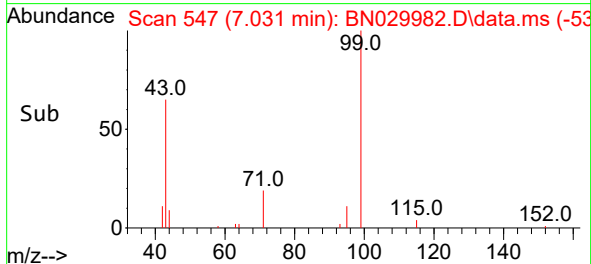
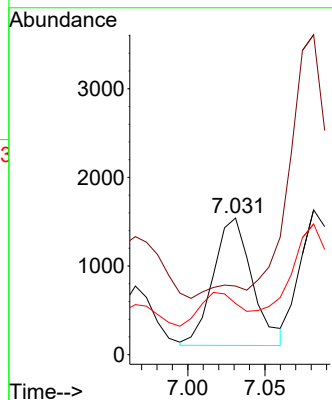
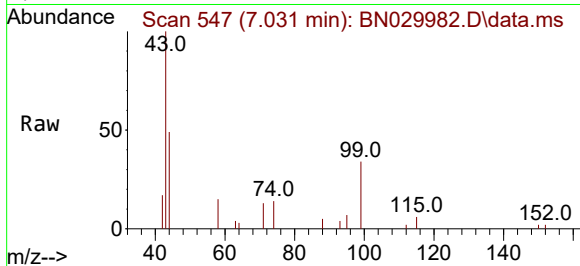




#5
Phenol-d6
Concen: 0.176 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

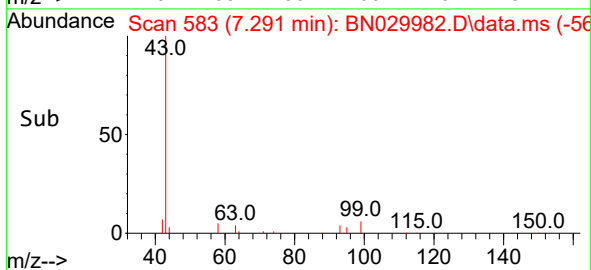
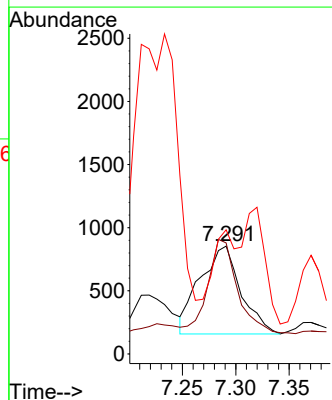
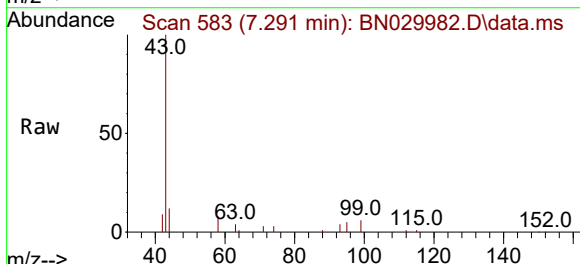
Instrument :
BNA_N
ClientSampleId :
MW179D-20240215

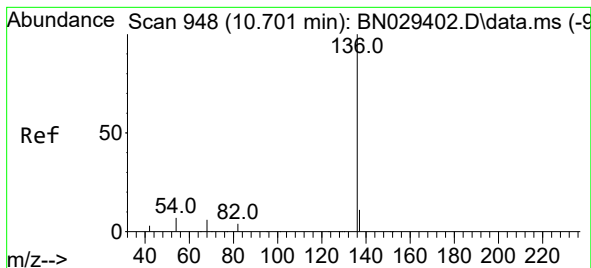
Tgt Ion: 99 Resp: 2525
Ion Ratio Lower Upper
99 100
42 9.8 16.9 25.3#
71 26.0 30.0 45.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.135 ng
RT: 7.291 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

Tgt Ion: 93 Resp: 1848
Ion Ratio Lower Upper
93 100
63 78.4 63.1 94.7
95 38.7 27.1 40.7





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.648 min Scan# 94

Delta R.T. 0.000 min

Lab File: BN029982.D

Acq: 24 Feb 2024 07:41

Instrument :

BNA_N

ClientSampleId :

MW179D-20240215

Tgt Ion:136 Resp: 14077

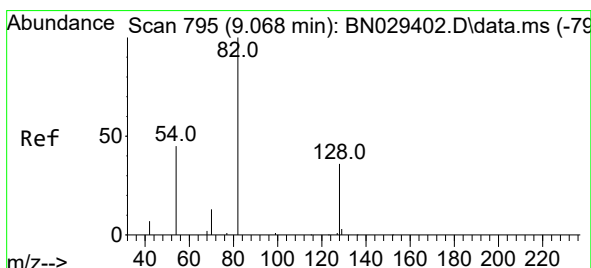
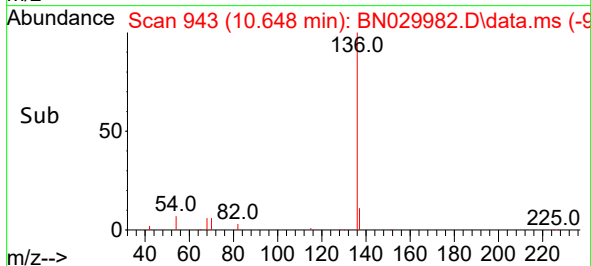
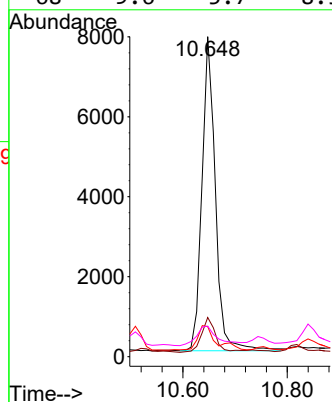
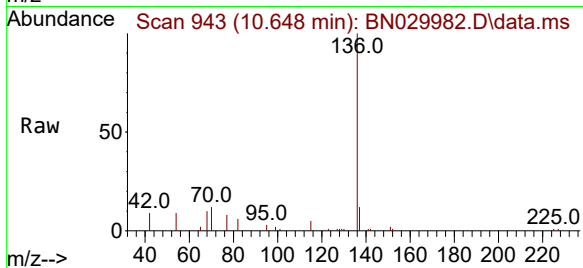
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 9.4 6.6 10.0

68 9.6 5.7 8.5#



#8

Nitrobenzene-d5

Concen: 0.485 ng

RT: 9.014 min Scan# 790

Delta R.T. 0.000 min

Lab File: BN029982.D

Acq: 24 Feb 2024 07:41

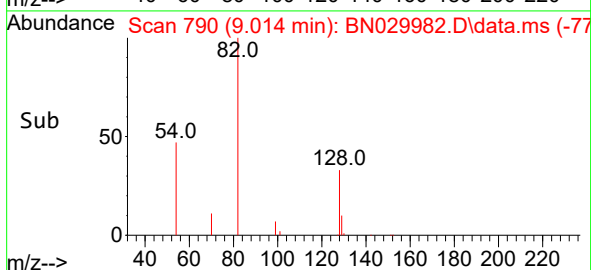
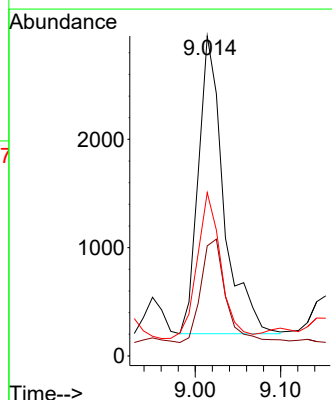
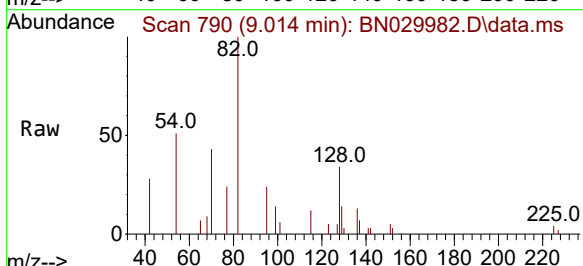
Tgt Ion: 82 Resp: 5685

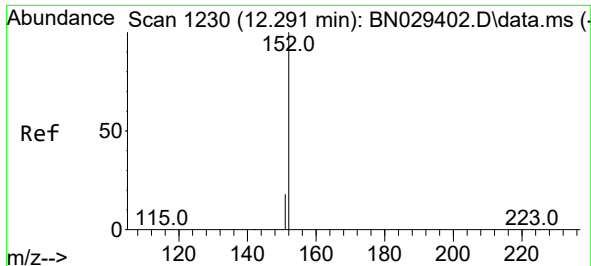
Ion Ratio Lower Upper

82 100

128 34.4 31.6 47.4

54 51.0 38.2 57.4

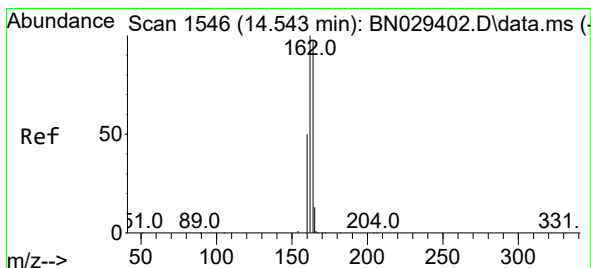
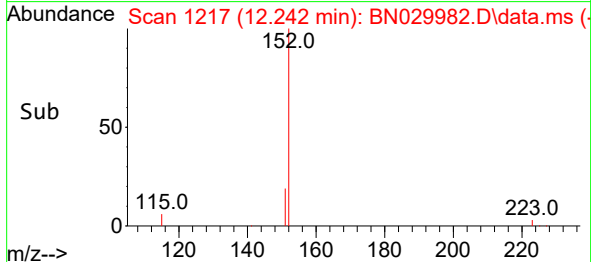
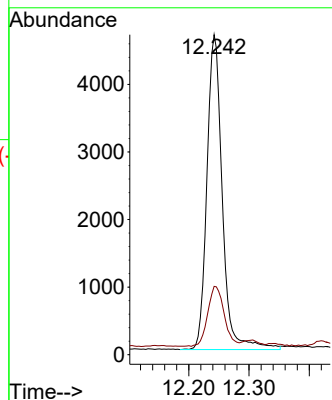
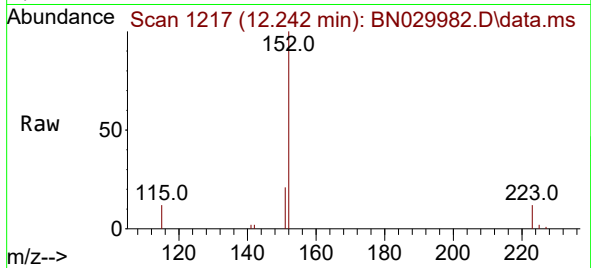




#11
2-Methylnaphthalene-d10
Concen: 0.431 ng
RT: 12.242 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

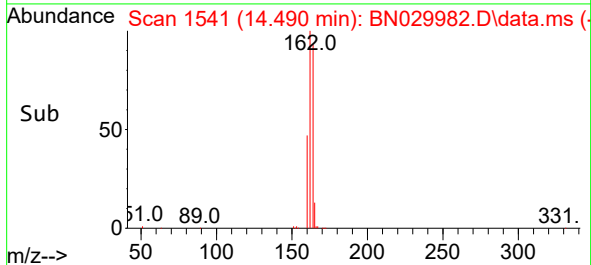
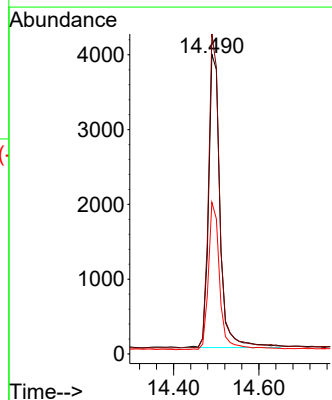
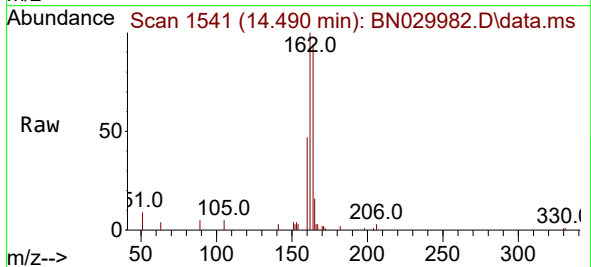
Instrument :
BNA_N
ClientSampleId :
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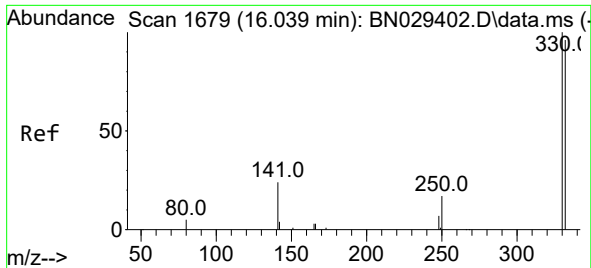
Tgt Ion:152 Resp: 8254
Ion Ratio Lower Upper
152 100
151 20.3 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.490 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

Tgt Ion:164 Resp: 7332
Ion Ratio Lower Upper
164 100
162 106.8 82.6 123.8
160 50.6 41.5 62.3

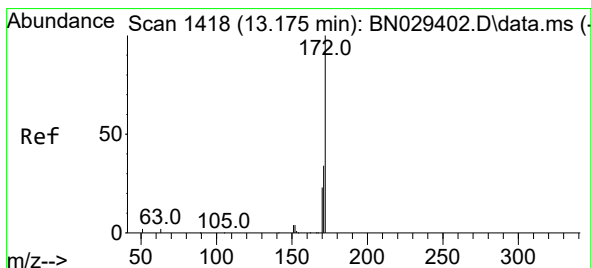
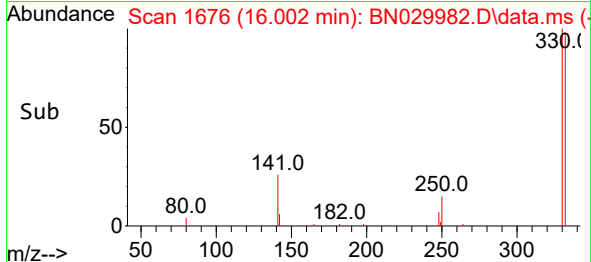
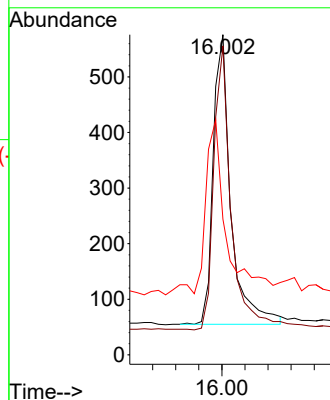
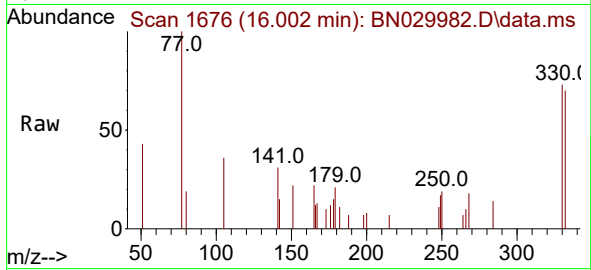




#14
2,4,6-Tribromophenol
Concen: 0.471 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

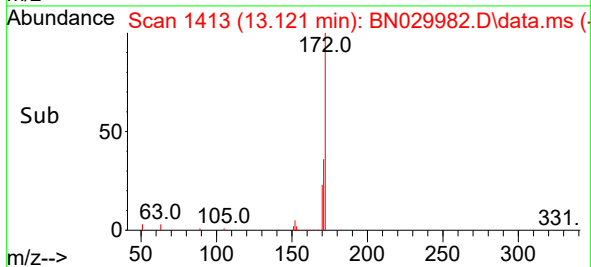
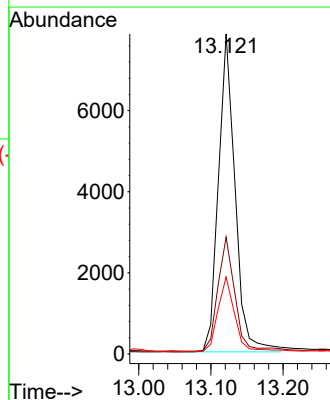
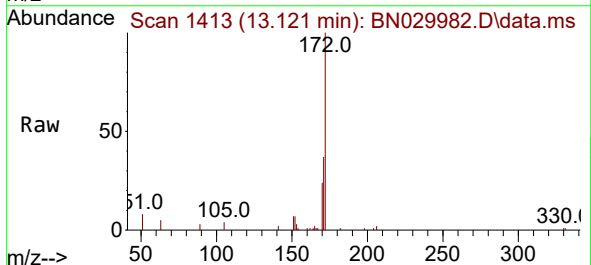
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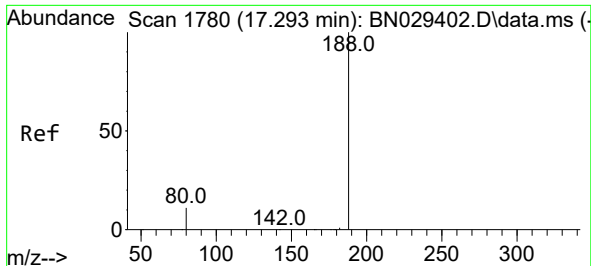
Tgt Ion:330 Resp: 1107
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 54.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.121 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

Tgt Ion:172 Resp: 12564
Ion Ratio Lower Upper
172 100
171 36.5 28.0 42.0
170 24.1 18.7 28.1

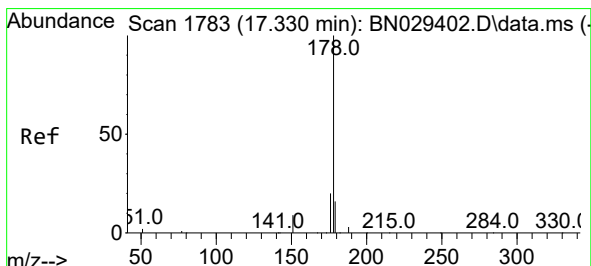
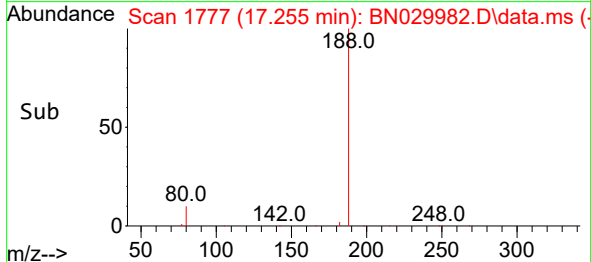
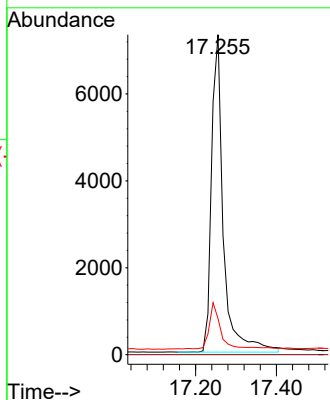
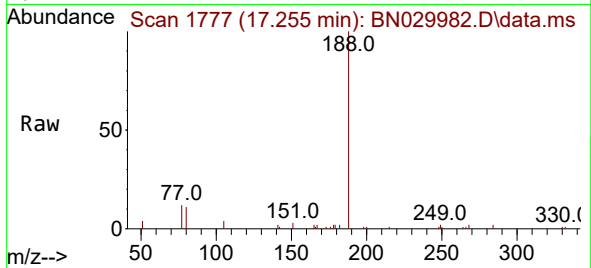




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

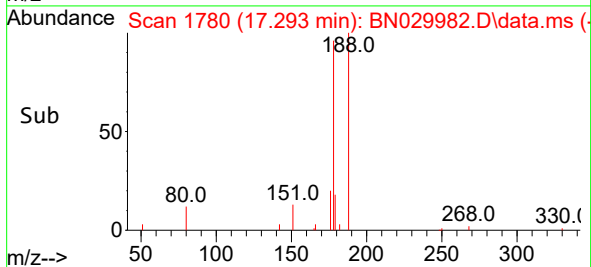
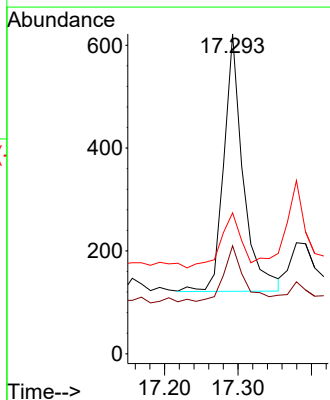
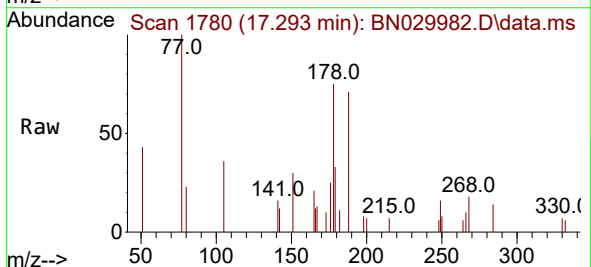
Instrument :
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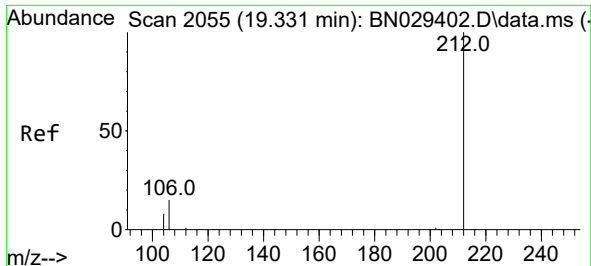
Tgt Ion:188 Resp: 14907
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 10.0 15.0



#25
Phenanthrene
Concen: 0.021 ng
RT: 17.293 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

Tgt Ion:178 Resp: 914
Ion Ratio Lower Upper
178 100
176 22.0 15.8 23.6
179 25.4 12.6 19.0#

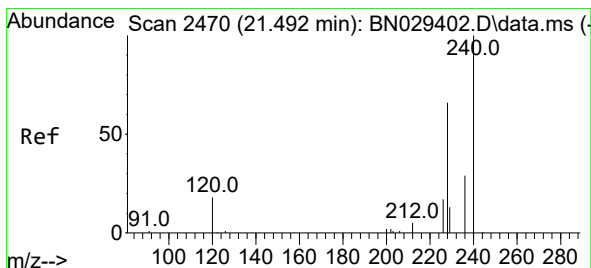
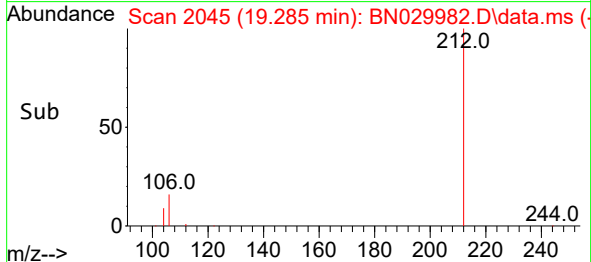
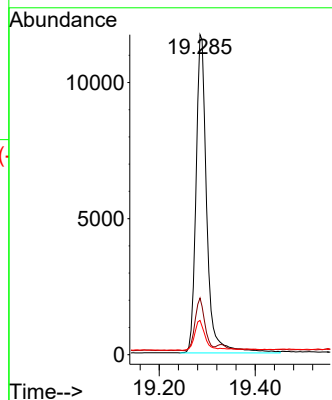
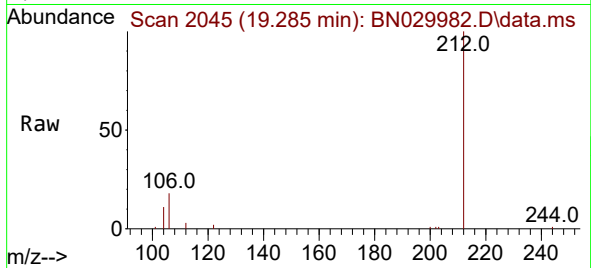




#27
Fluoranthene-d10
Concen: 0.507 ng
RT: 19.285 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

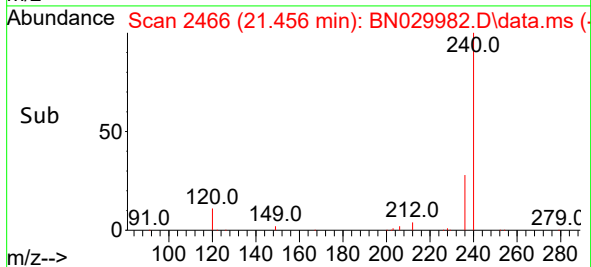
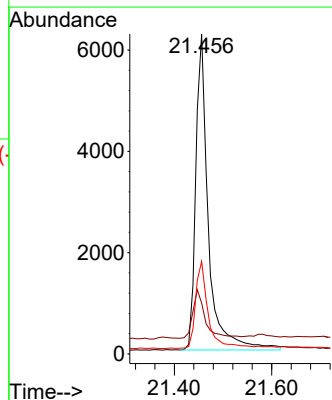
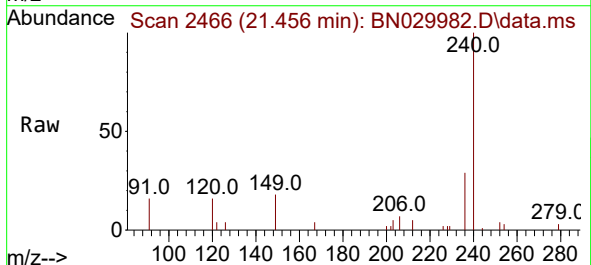
Instrument :
BNA_N
ClientSampleId :
MW179D-20240215

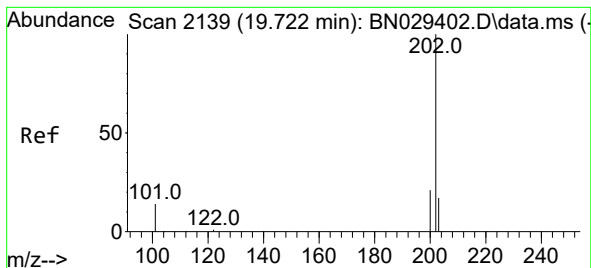
Tgt Ion:212 Resp: 18297
Ion Ratio Lower Upper
212 100
106 15.1 13.2 19.8
104 9.8 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

Tgt Ion:240 Resp: 11197
Ion Ratio Lower Upper
240 100
120 15.9 16.7 25.1#
236 28.9 23.9 35.9





#30

Pyrene

Concen: 0.023 ng

RT: 19.680 min Scan# 2117

Delta R.T. -0.005 min

Lab File: BN029982.D

Acq: 24 Feb 2024 07:41

Instrument :

BNA_N

ClientSampleId :

MW179D-20240215

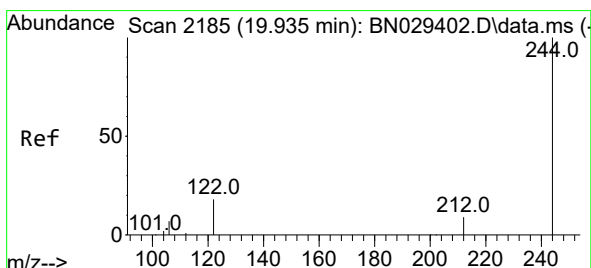
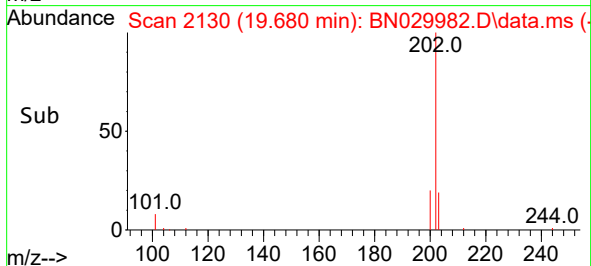
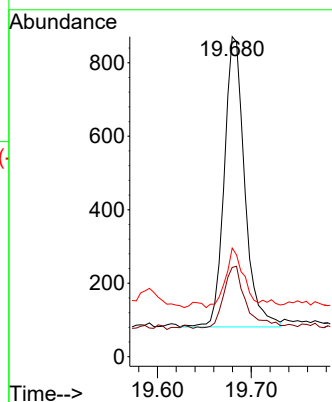
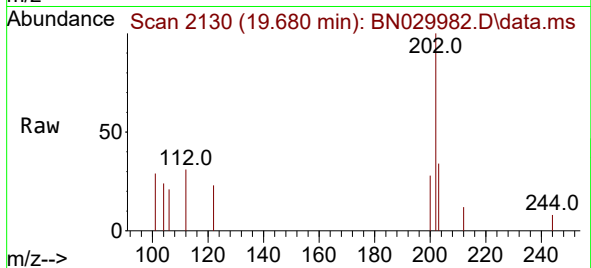
Tgt Ion:202 Resp: 1194

Ion Ratio Lower Upper

202 100

200 22.7 16.6 25.0

203 17.9 14.2 21.4



#31

Terphenyl-d14

Concen: 0.514 ng

RT: 19.893 min Scan# 2176

Delta R.T. -0.005 min

Lab File: BN029982.D

Acq: 24 Feb 2024 07:41

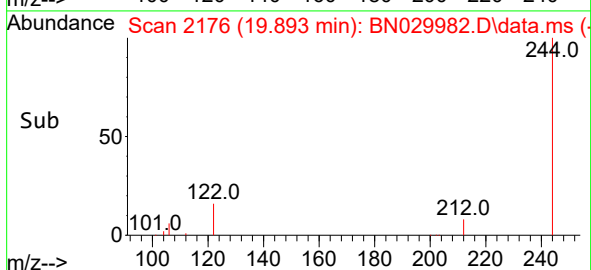
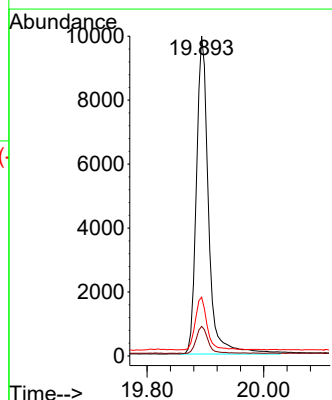
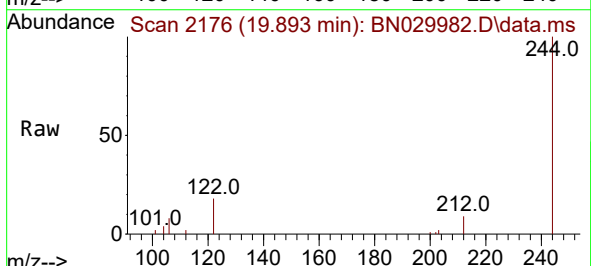
Tgt Ion:244 Resp: 14292

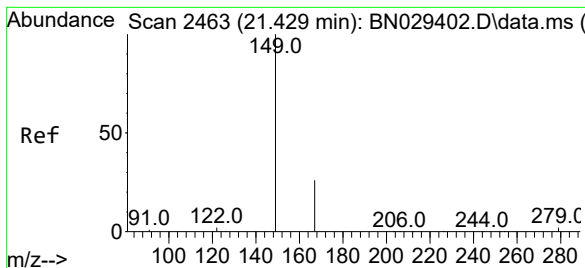
Ion Ratio Lower Upper

244 100

212 9.3 8.2 12.4

122 18.4 15.6 23.4

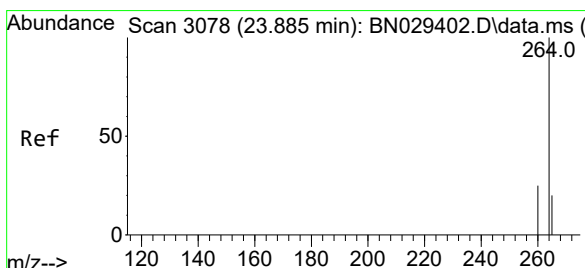
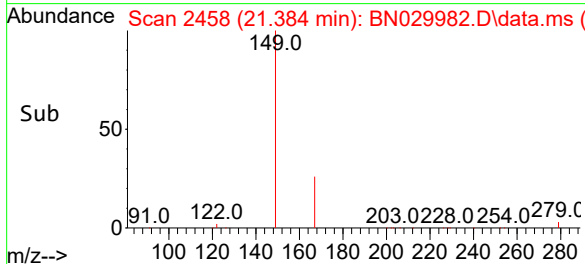
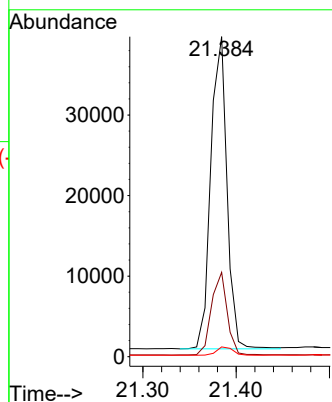
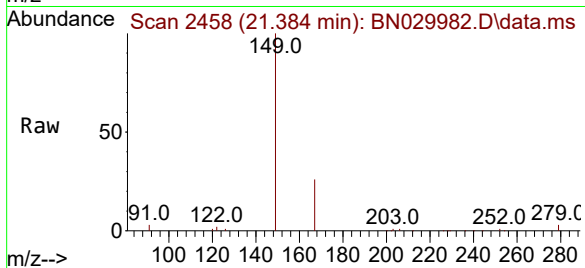




#34
Bis(2-ethylhexyl)phthalate
Concen: 1.787 ng
RT: 21.384 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

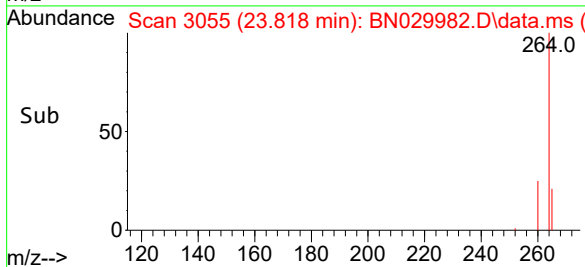
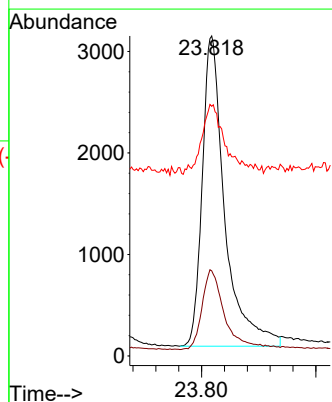
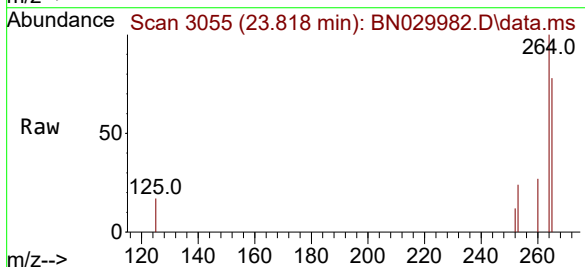
Instrument :
BNA_N
ClientSampleId :
MW179D-20240215

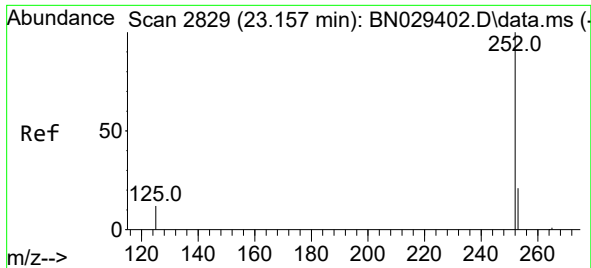
Tgt Ion:149 Resp: 46579
Ion Ratio Lower Upper
149 100
167 25.7 20.1 30.1
279 2.8 2.5 3.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.818 min Scan# 3055
Delta R.T. -0.003 min
Lab File: BN029982.D
Acq: 24 Feb 2024 07:41

Tgt Ion:264 Resp: 8373
Ion Ratio Lower Upper
264 100
260 26.6 21.2 31.8
265 78.0 41.5 62.3





#37

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 23.107 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN029982.D

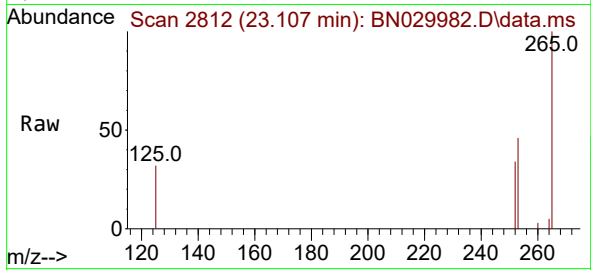
Acq: 24 Feb 2024 07:41

Instrument :

BNA_N

ClientSampleId :

MW179D-20240215



Tgt Ion:252 Resp: 624

Ion Ratio Lower Upper

252 100

253 135.8 21.7 32.5#

125 95.5 13.3 19.9#

