

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029980.D
 Acq On : 24 Feb 2024 06:29
 Operator : MA/JU
 Sample : P1507-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20240214

Quant Time: Feb 26 04:50:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

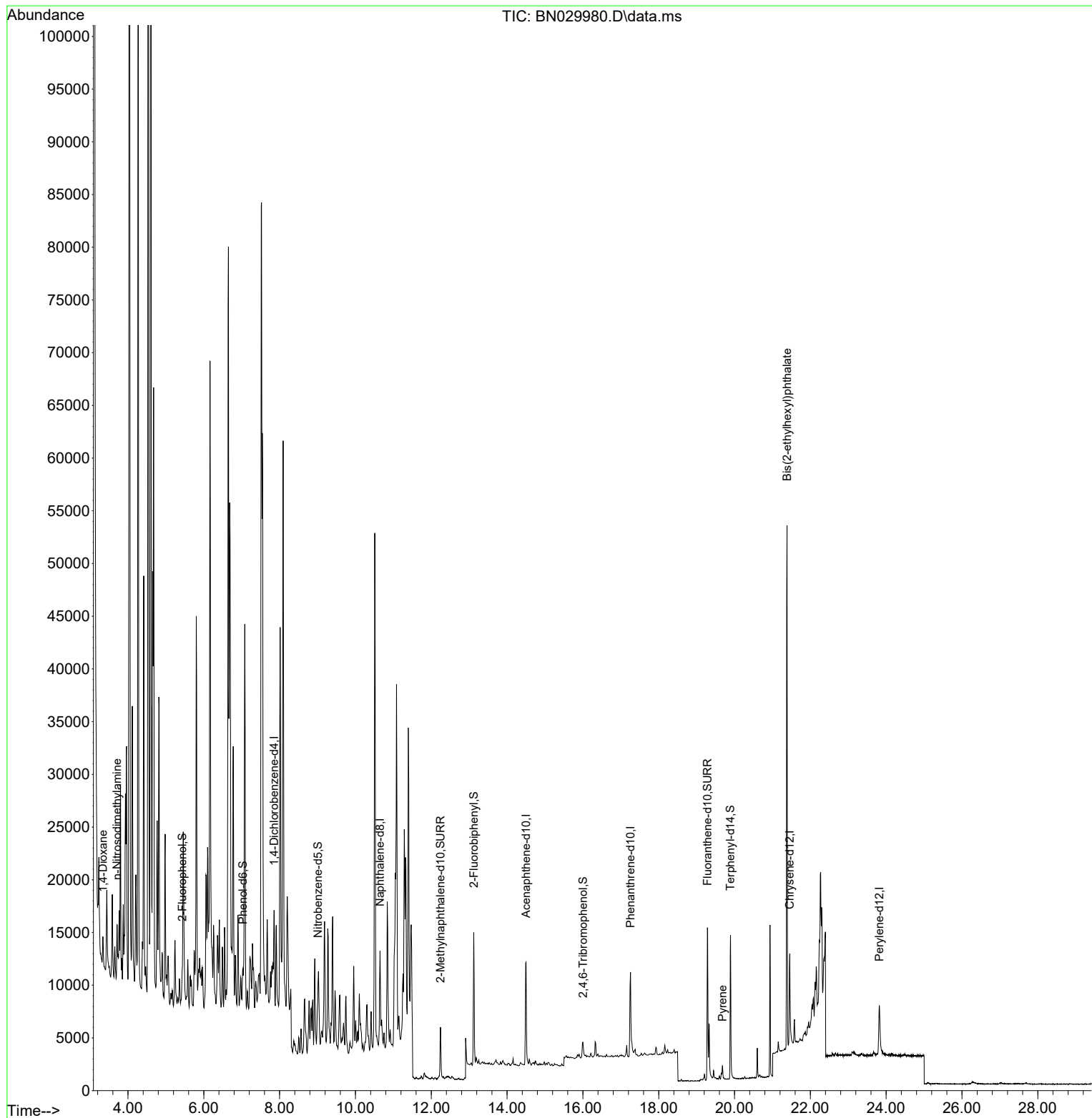
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4735	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12669	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	6828	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	14650	0.400	ng	0.00
29) Chrysene-d12	21.456	240	11137	0.400	ng	# 0.00
35) Perylene-d12	23.821	264	8870	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1803	0.159	ng	0.00
5) Phenol-d6	7.031	99	2416	0.184	ng	0.00
8) Nitrobenzene-d5	9.014	82	4991	0.473	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	7007	0.406	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	1108	0.506	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	11233	0.383	ng	0.00
27) Fluoranthene-d10	19.290	212	18081	0.510	ng	0.00
31) Terphenyl-d14	19.893	244	14479	0.524	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.341	88	312	0.047	ng	# 1
3) n-Nitrosodimethylamine	3.709	42	1514	0.279	ng	# 1
30) Pyrene	19.680	202	1114	0.022	ng	95
34) Bis(2-ethylhexyl)phtha...	21.385	149	47611	1.836	ng	99

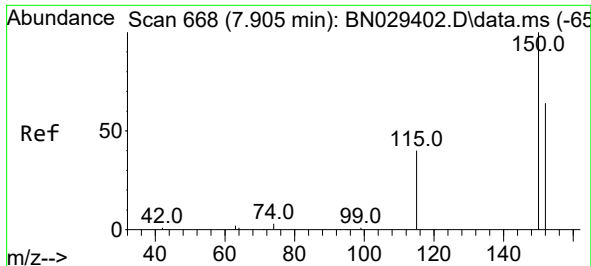
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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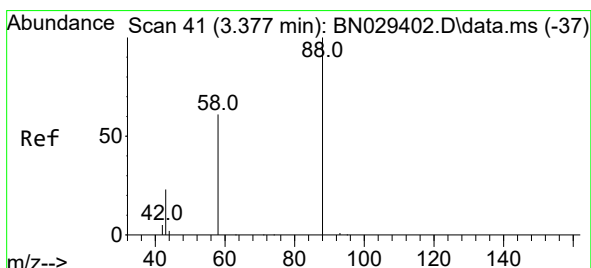
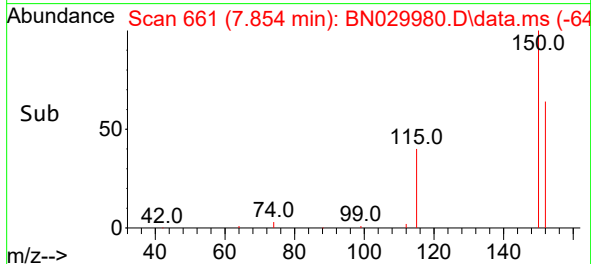
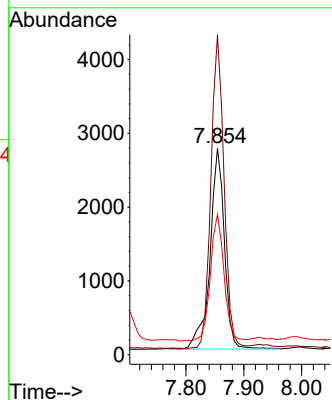
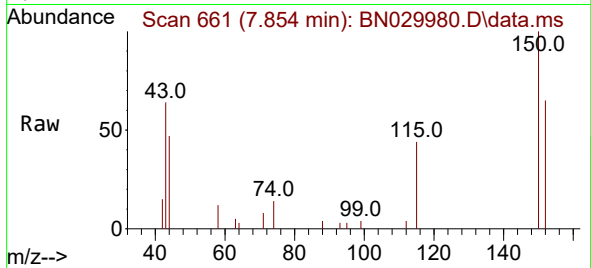




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BN029980.D
 Acq: 24 Feb 2024 06:29

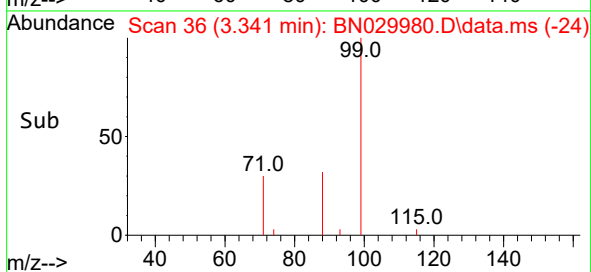
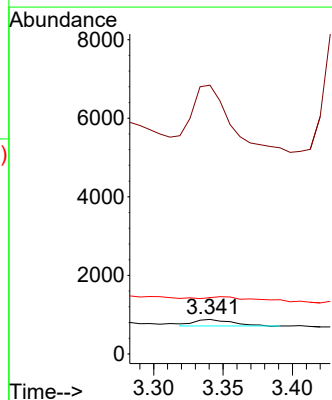
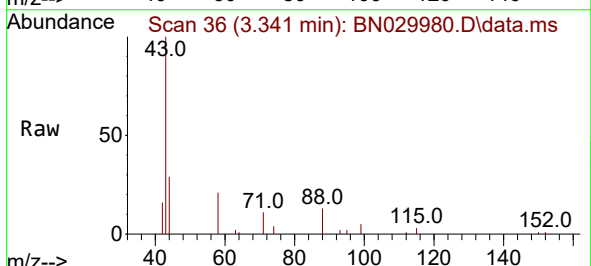
Instrument :
 BNA_N
 ClientSampleId :
 FB01-20240214

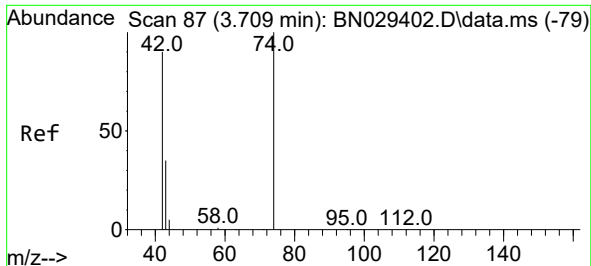
Tgt Ion:152 Resp: 4735
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.0 184.4
 115 68.0 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.047 ng
 RT: 3.341 min Scan# 36
 Delta R.T. -0.014 min
 Lab File: BN029980.D
 Acq: 24 Feb 2024 06:29

Tgt Ion: 88 Resp: 312
 Ion Ratio Lower Upper
 88 100
 43 1082.7 23.3 34.9#
 58 110.6 53.8 80.6#

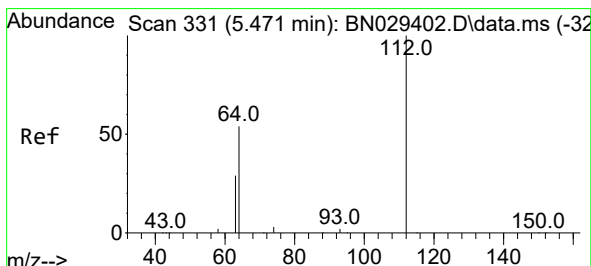
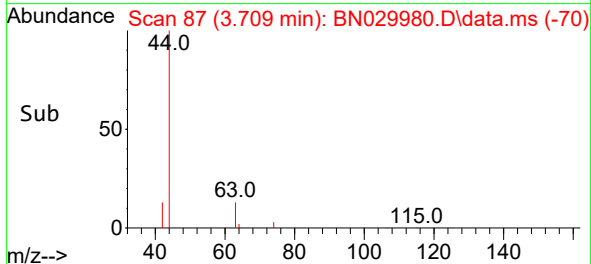
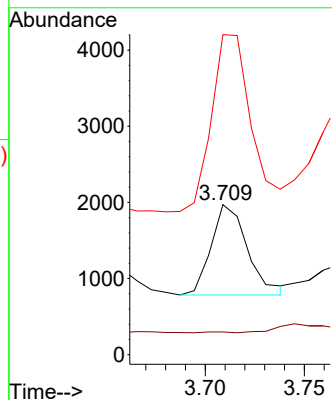
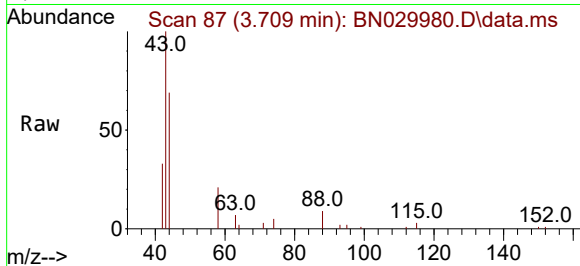




#3
 n-Nitrosodimethylamine
 Concen: 0.279 ng
 RT: 3.709 min Scan# 81
 Delta R.T. 0.022 min
 Lab File: BN029980.D
 Acq: 24 Feb 2024 06:29

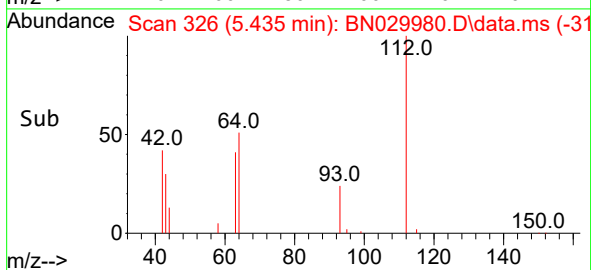
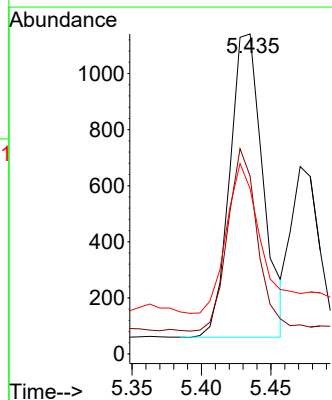
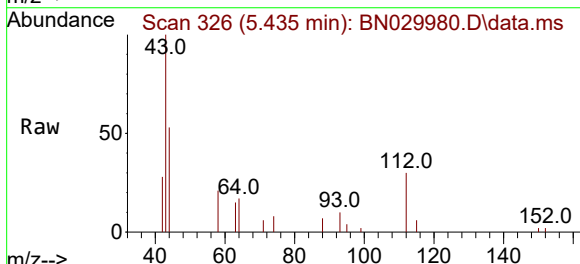
Instrument :
 BNA_N
 ClientSampleId :
 FB01-20240214

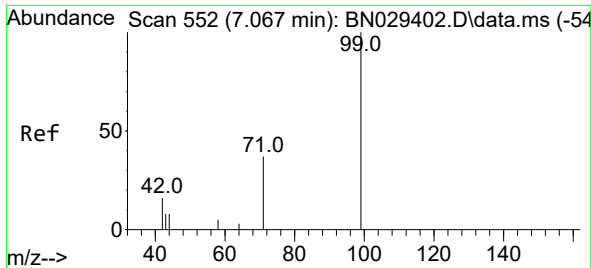
Tgt Ion: 42 Resp: 1514
 Ion Ratio Lower Upper
 42 100
 74 0.0 93.7 140.5#
 44 215.7 13.0 19.4#



#4
 2-Fluorophenol
 Concen: 0.159 ng
 RT: 5.435 min Scan# 326
 Delta R.T. 0.007 min
 Lab File: BN029980.D
 Acq: 24 Feb 2024 06:29

Tgt Ion: 112 Resp: 1803
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.2 70.8
 63 60.3 25.8 38.6#

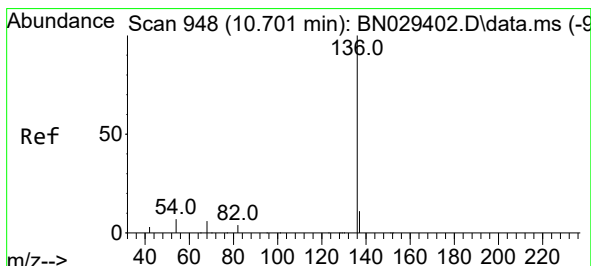
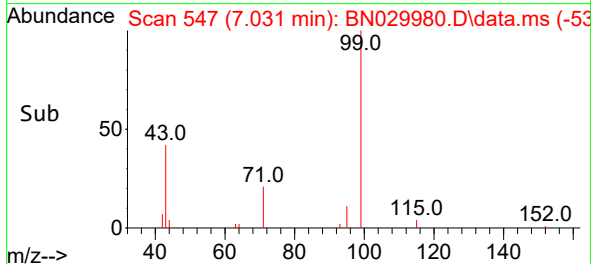
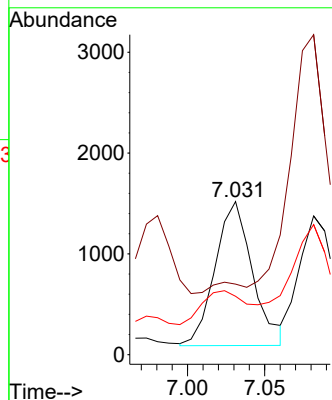
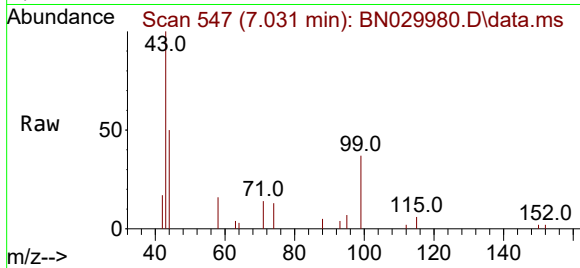




#5
Phenol-d6
Concen: 0.184 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029980.D
Acq: 24 Feb 2024 06:29

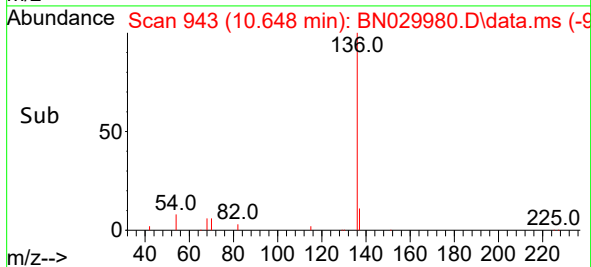
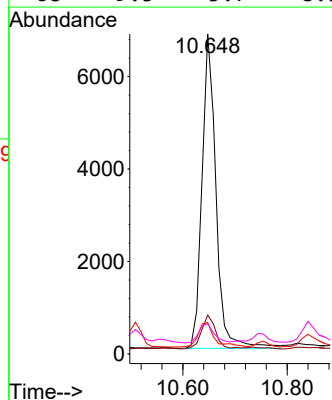
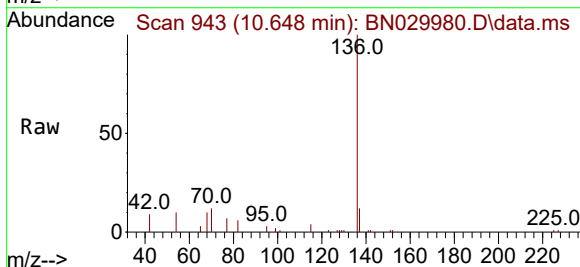
Instrument :
BNA_N
ClientSampleId :
FB01-20240214

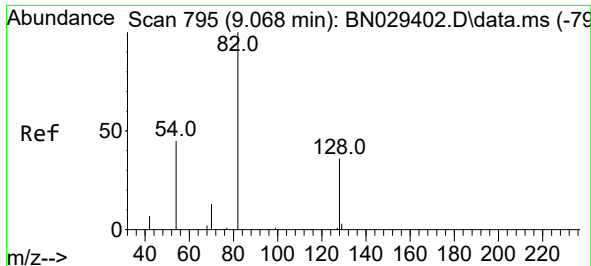
Tgt Ion: 99 Resp: 2416
Ion Ratio Lower Upper
99 100
42 10.6 16.9 25.3#
71 35.0 30.0 45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN029980.D
Acq: 24 Feb 2024 06:29

Tgt Ion: 136 Resp: 12669
Ion Ratio Lower Upper
136 100
137 12.2 9.7 14.5
54 9.8 6.6 10.0
68 9.5 5.7 8.5#

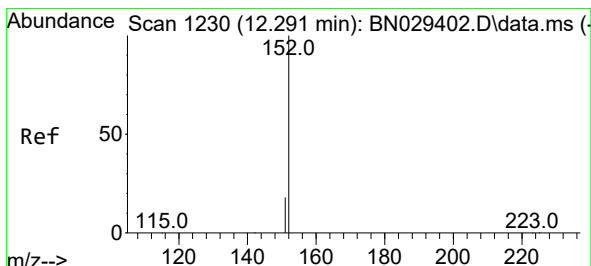
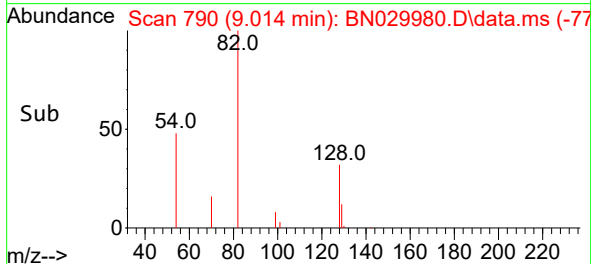
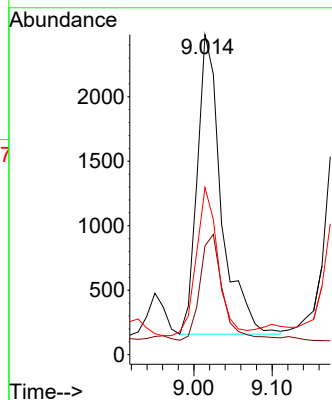
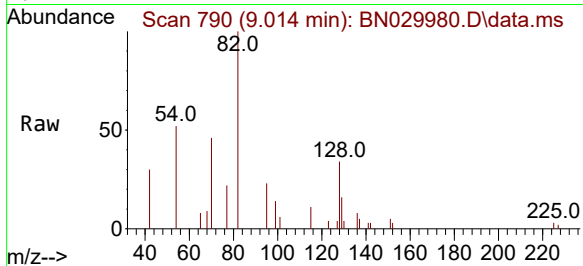




#8
 Nitrobenzene-d5
 Concen: 0.473 ng
 RT: 9.014 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BN029980.D
 Acq: 24 Feb 2024 06:29

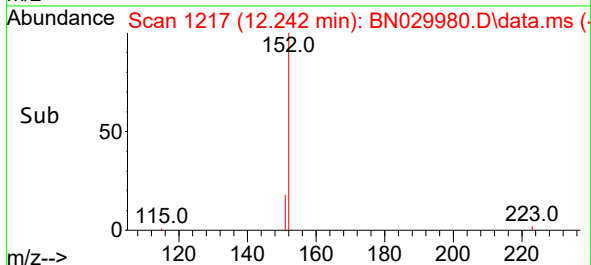
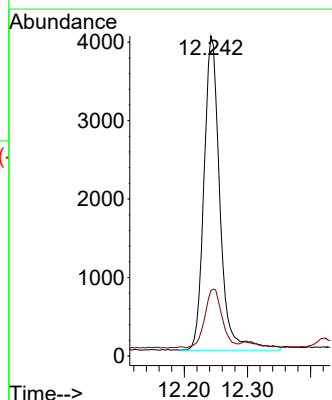
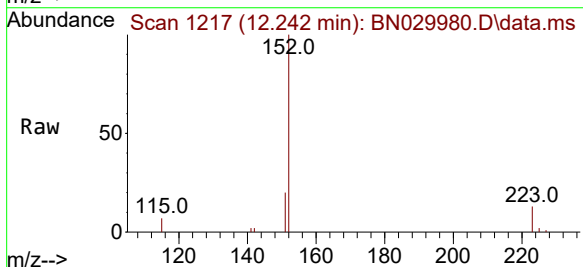
Instrument :
 BNA_N
 ClientSampleId :
 FB01-20240214

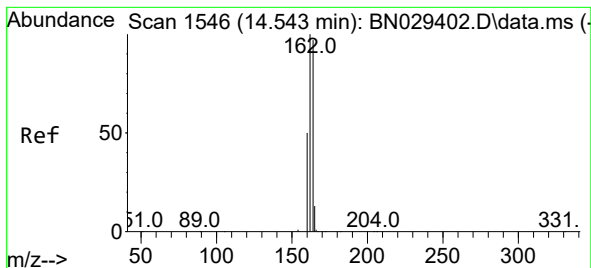
Tgt Ion: 82 Resp: 4991
 Ion Ratio Lower Upper
 82 100
 128 34.0 31.6 47.4
 54 52.2 38.2 57.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.406 ng
 RT: 12.242 min Scan# 1217
 Delta R.T. -0.004 min
 Lab File: BN029980.D
 Acq: 24 Feb 2024 06:29

Tgt Ion: 152 Resp: 7007
 Ion Ratio Lower Upper
 152 100
 151 20.1 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.500 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN029980.D

Acq: 24 Feb 2024 06:29

Instrument :

BNA_N

ClientSampleId :

FB01-20240214

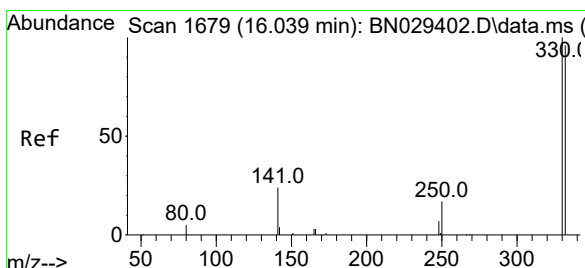
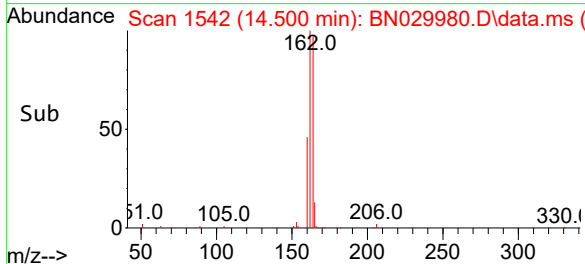
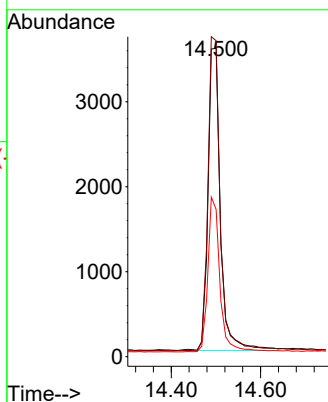
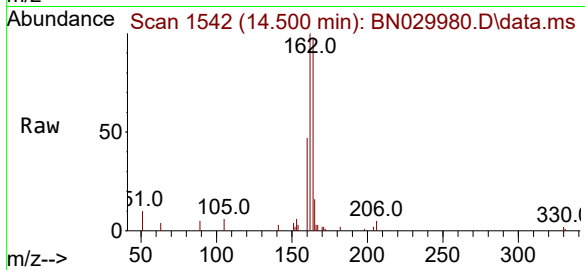
Tgt Ion:164 Resp: 6828

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

160 47.8 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.506 ng

RT: 16.002 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BN029980.D

Acq: 24 Feb 2024 06:29

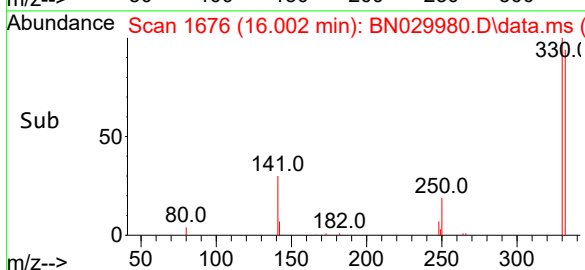
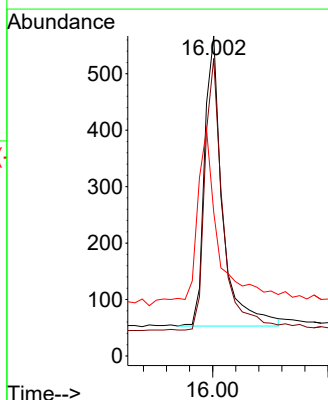
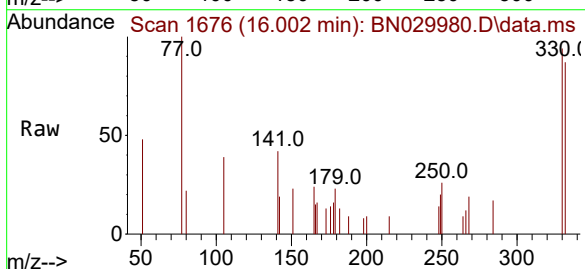
Tgt Ion:330 Resp: 1108

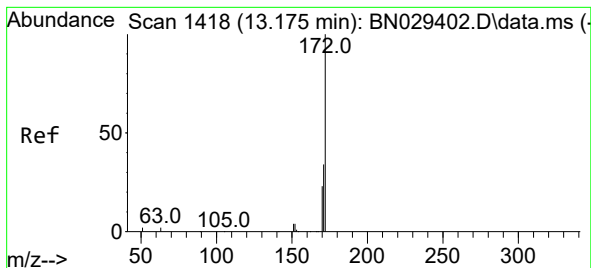
Ion Ratio Lower Upper

330 100

332 94.3 76.0 114.0

141 63.8 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.383 ng

RT: 13.121 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BN029980.D

Acq: 24 Feb 2024 06:29

Instrument :

BNA_N

ClientSampleId :

FB01-20240214

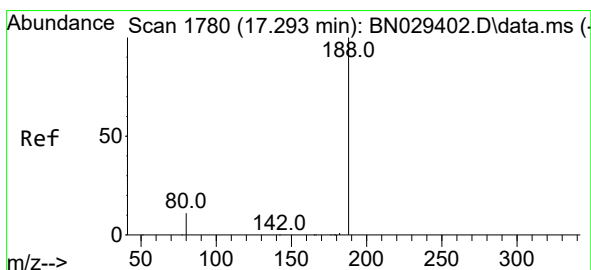
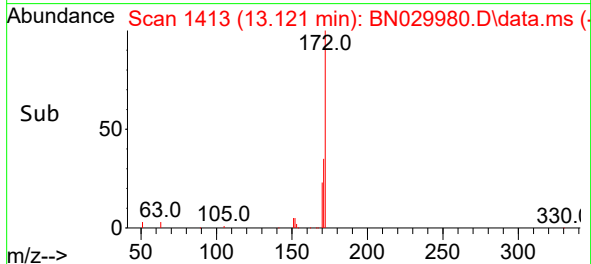
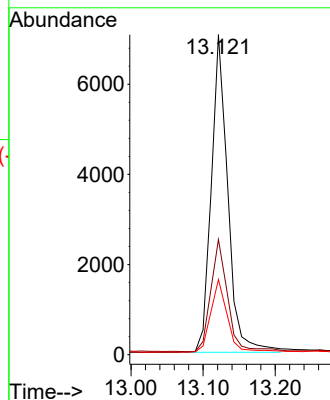
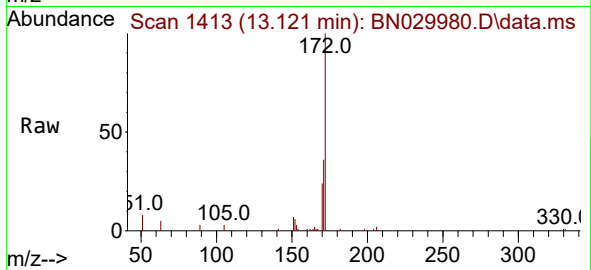
Tgt Ion:172 Resp: 11233

Ion Ratio Lower Upper

172 100

171 36.0 28.0 42.0

170 23.5 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: BN029980.D

Acq: 24 Feb 2024 06:29

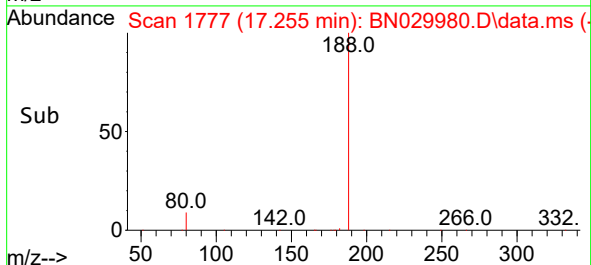
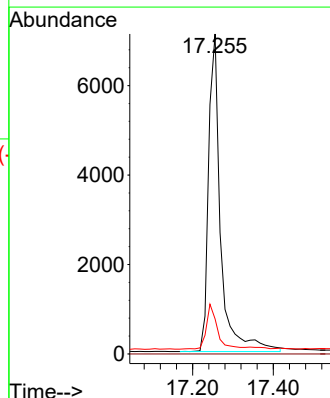
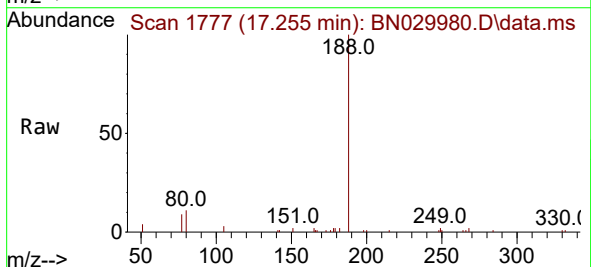
Tgt Ion:188 Resp: 14650

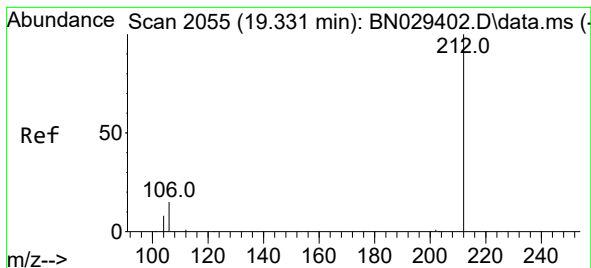
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 10.0 15.0





#27

Fluoranthene-d10

Concen: 0.510 ng

RT: 19.290 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BN029980.D

Acq: 24 Feb 2024 06:29

Instrument :

BNA_N

ClientSampleId :

FB01-20240214

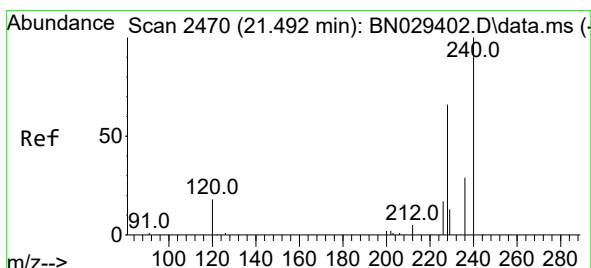
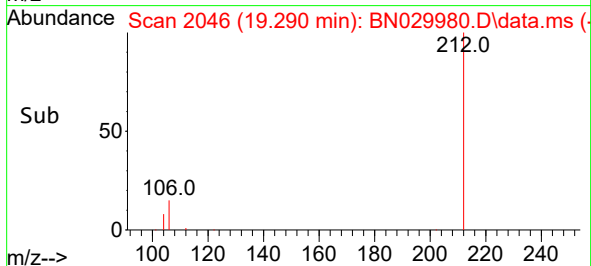
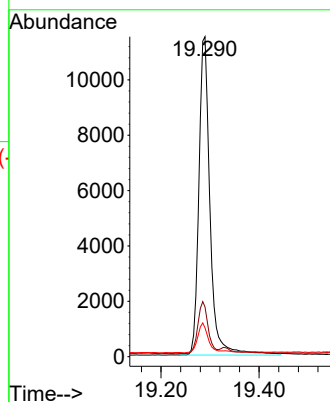
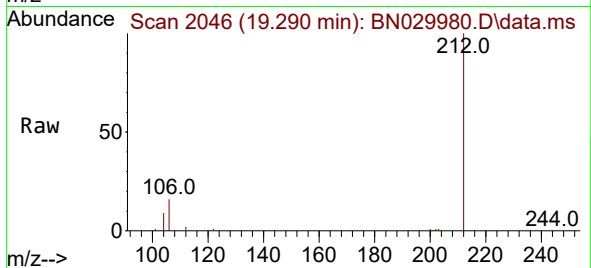
Tgt Ion:212 Resp: 18081

Ion Ratio Lower Upper

212 100

106 15.1 13.2 19.8

104 8.8 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: BN029980.D

Acq: 24 Feb 2024 06:29

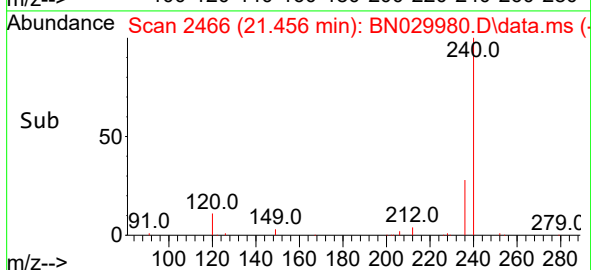
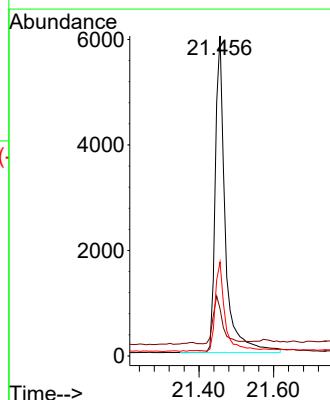
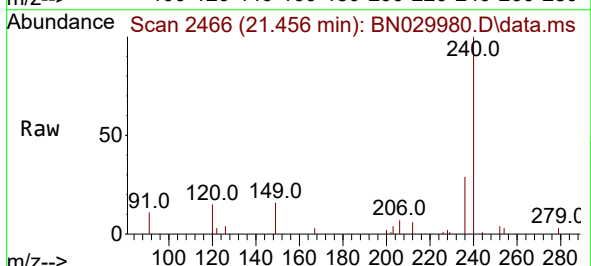
Tgt Ion:240 Resp: 11137

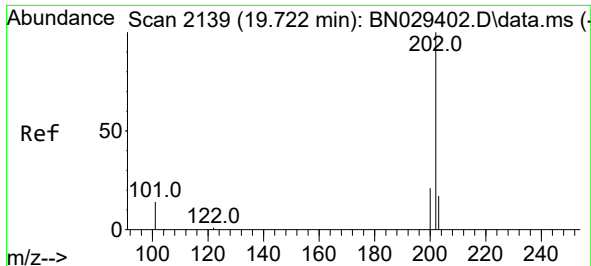
Ion Ratio Lower Upper

240 100

120 14.7 16.7 25.1#

236 29.3 23.9 35.9

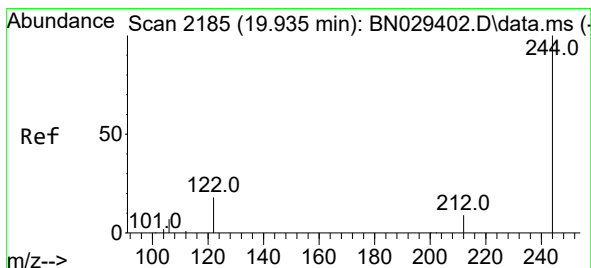
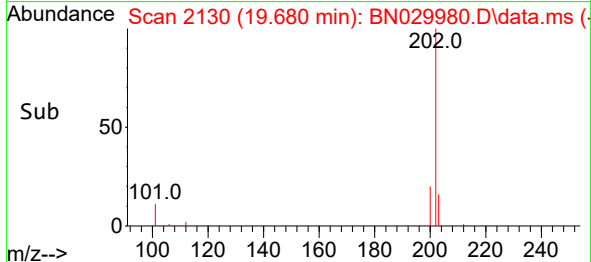
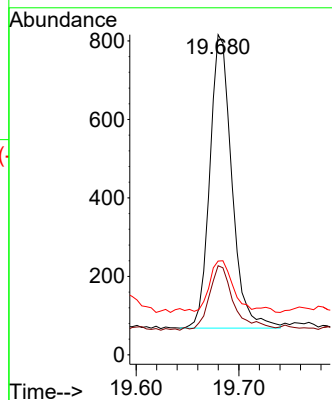
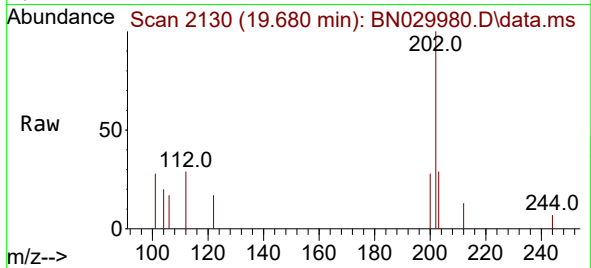




#30
Pyrene
Concen: 0.022 ng
RT: 19.680 min Scan# 2114
Delta R.T. -0.004 min
Lab File: BN029980.D
Acq: 24 Feb 2024 06:29

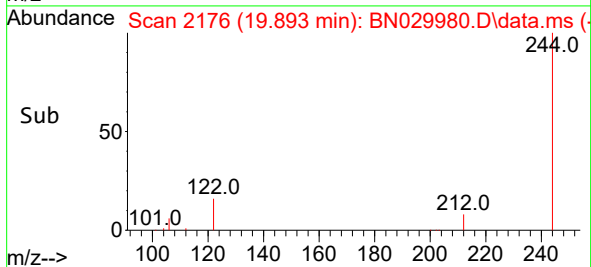
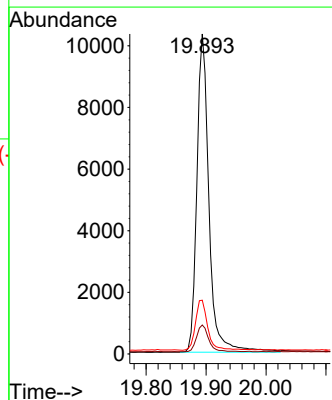
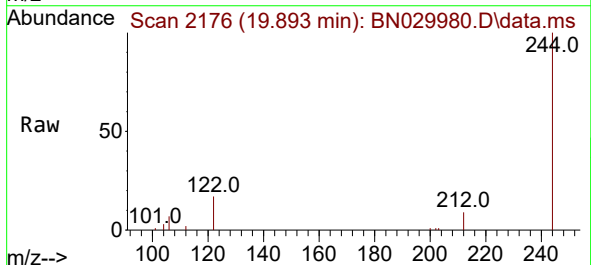
Instrument :
BNA_N
ClientSampleId :
FB01-20240214

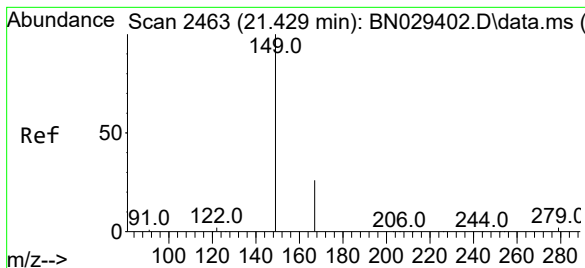
Tgt Ion:	202	Resp:	1114
Ion	Ratio	Lower	Upper
202	100		
200	24.7	16.6	25.0
203	17.8	14.2	21.4



#31
Terphenyl-d14
Concen: 0.524 ng
RT: 19.893 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BN029980.D
Acq: 24 Feb 2024 06:29

Tgt Ion:	244	Resp:	14479
Ion	Ratio	Lower	Upper
244	100		
212	9.1	8.2	12.4
122	16.8	15.6	23.4

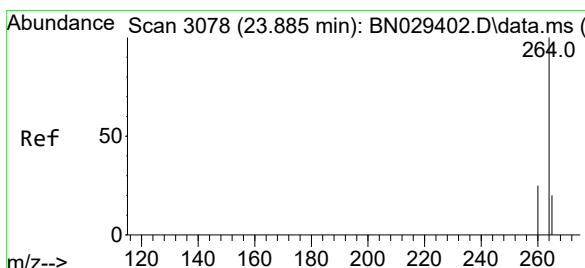
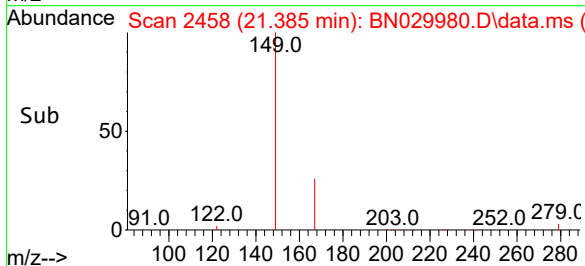
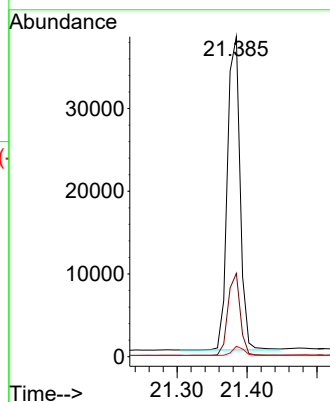
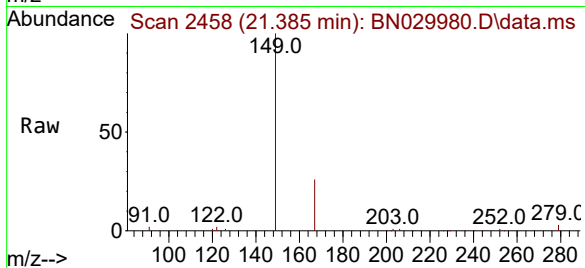




#34
Bis(2-ethylhexyl)phthalate
Concen: 1.836 ng
RT: 21.385 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN029980.D
Acq: 24 Feb 2024 06:29

Instrument :
BNA_N
ClientSampleId :
FB01-20240214

Tgt Ion:149 Resp: 47611
Ion Ratio Lower Upper
149 100
167 25.3 20.1 30.1
279 2.7 2.5 3.7



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.821 min Scan# 3056
Delta R.T. 0.000 min
Lab File: BN029980.D
Acq: 24 Feb 2024 06:29

Tgt Ion:264 Resp: 8870
Ion Ratio Lower Upper
264 100
260 25.7 21.2 31.8
265 73.1 41.5 62.3#

