

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029981.D
 Acq On : 24 Feb 2024 07:05
 Operator : MA/JU
 Sample : P1507-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20240215

Quant Time: Feb 26 04:50:39 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)

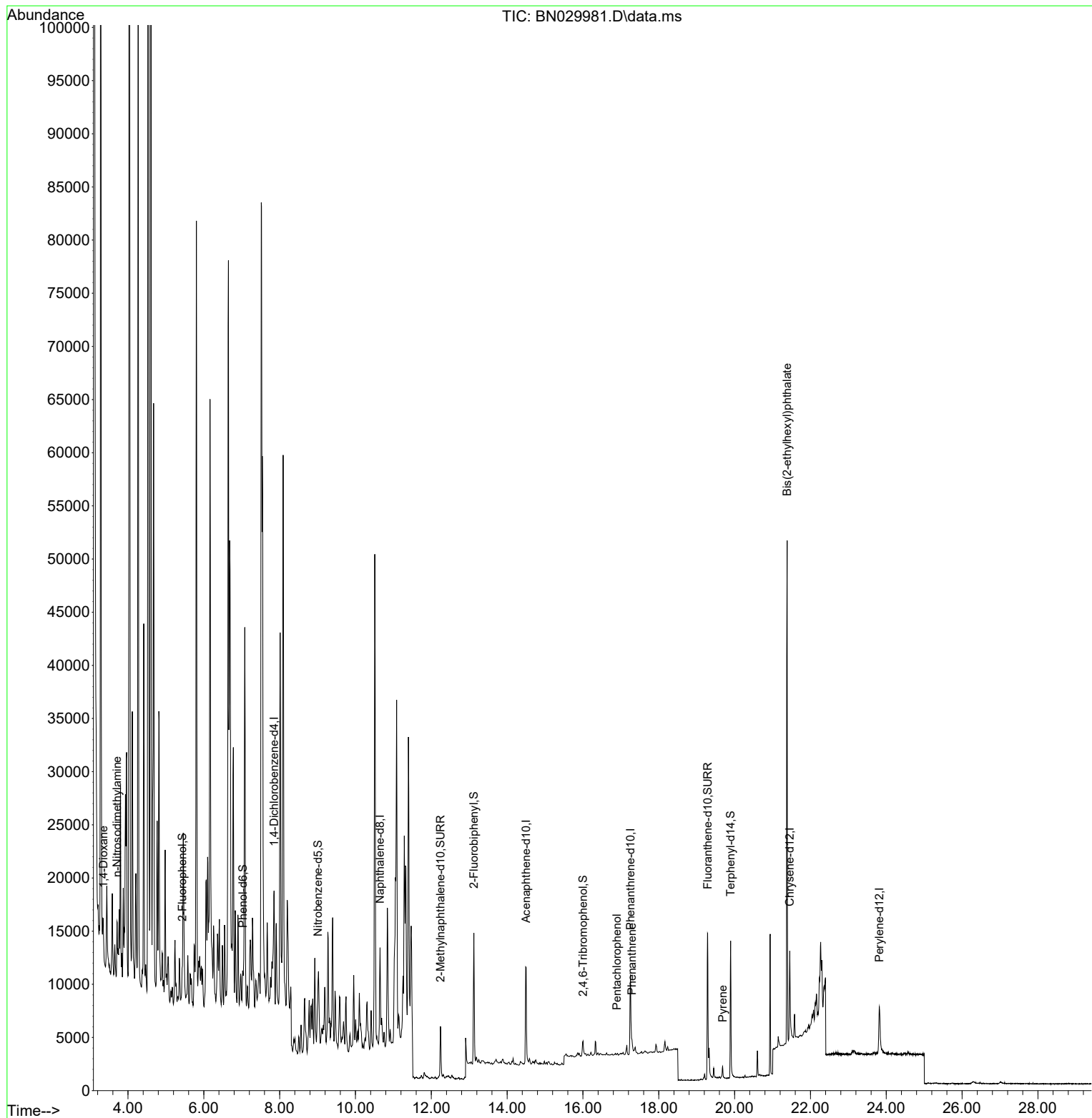
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4768	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12632	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	6542	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	13591	0.400	ng	0.00
29) Chrysene-d12	21.456	240	10322	0.400	ng	# 0.00
35) Perylene-d12	23.818	264	8657	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1822	0.159	ng	0.00
5) Phenol-d6	7.031	99	2396	0.181	ng	0.00
8) Nitrobenzene-d5	9.014	82	4980	0.474	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	7167	0.417	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	998	0.475	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	11160	0.397	ng	0.00
27) Fluoranthene-d10	19.289	212	17933	0.545	ng	0.00
31) Terphenyl-d14	19.893	244	13886	0.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1550	0.231	ng	# 1
3) n-Nitrosodimethylamine	3.709	42	1443	0.264	ng	# 1
24) Pentachlorophenol	16.895	266	66	0.021	ng	# 18
25) Phenanthrene	17.293	178	859	0.021	ng	# 89
30) Pyrene	19.684	202	1072	0.023	ng	95
34) Bis(2-ethylhexyl)phtha...	21.384	149	43682	1.818	ng	99

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

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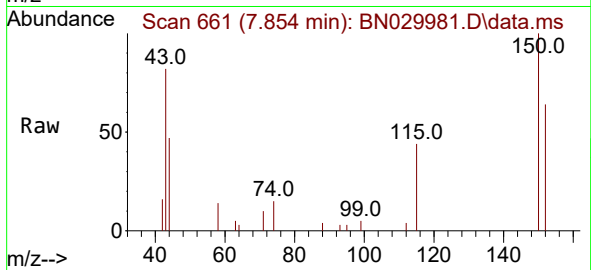
Quant Time: Feb 26 04:50:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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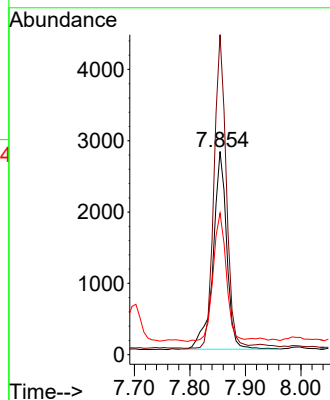
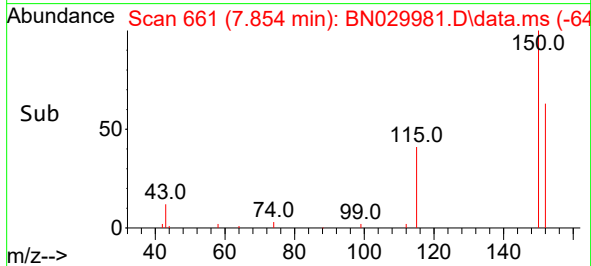


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN029981.D
 Acq: 24 Feb 2024 07:05

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20240215

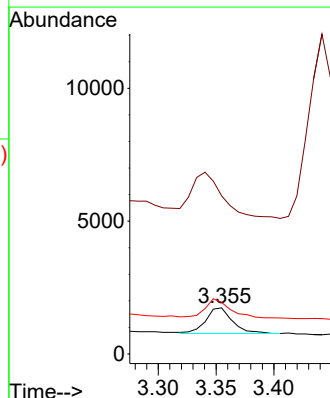
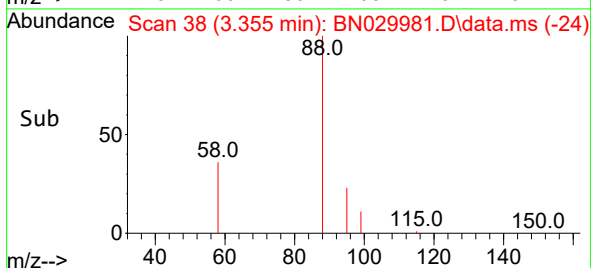
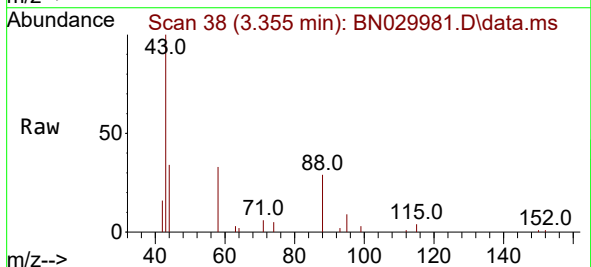


Tgt Ion:152 Resp: 4768
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.0 184.4
 115 69.7 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.231 ng
 RT: 3.355 min Scan# 38
 Delta R.T. -0.000 min
 Lab File: BN029981.D
 Acq: 24 Feb 2024 07:05

Tgt Ion: 88 Resp: 1550
 Ion Ratio Lower Upper
 88 100
 43 207.7 23.3 34.9#
 58 72.7 53.8 80.6

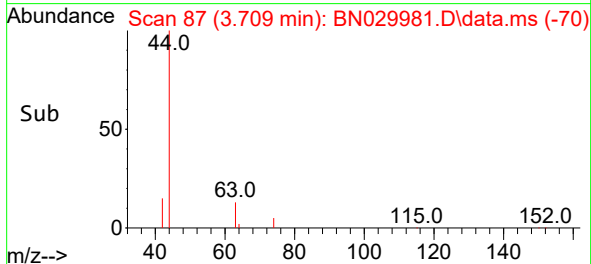
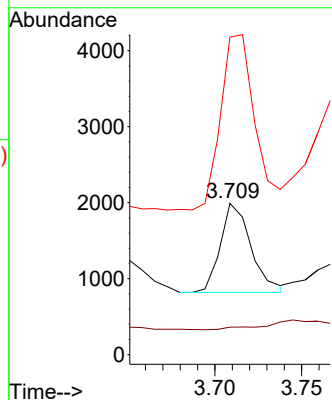
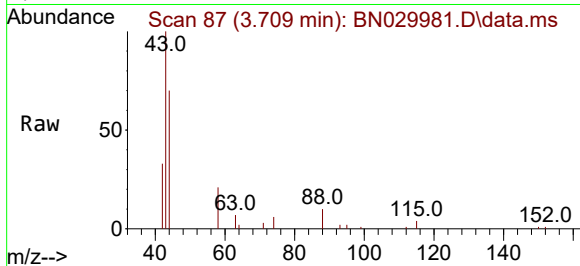




#3
n-Nitrosodimethylamine
Concen: 0.264 ng
RT: 3.709 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN029981.D
Acq: 24 Feb 2024 07:05

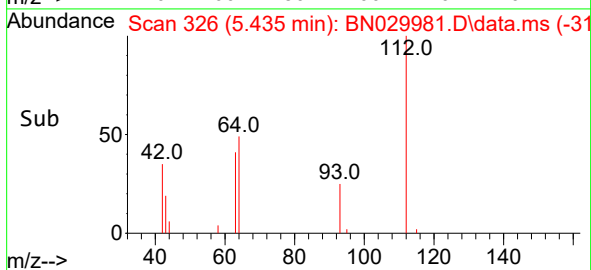
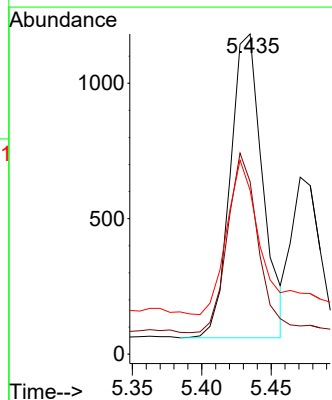
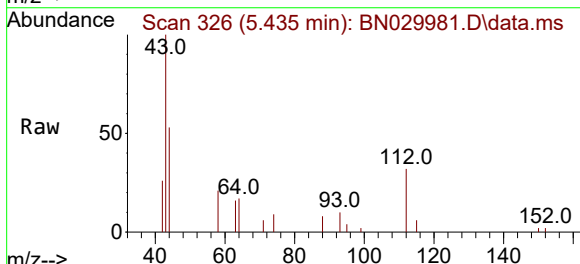
Instrument :
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Tgt Ion: 42 Resp: 1443
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 221.6 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.007 min
Lab File: BN029981.D
Acq: 24 Feb 2024 07:05

Tgt Ion: 112 Resp: 1822
Ion Ratio Lower Upper
112 100
64 58.7 47.2 70.8
63 58.9 25.8 38.6#

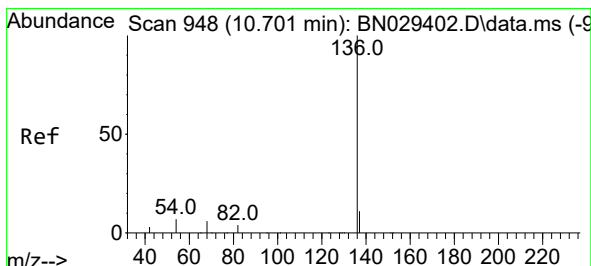
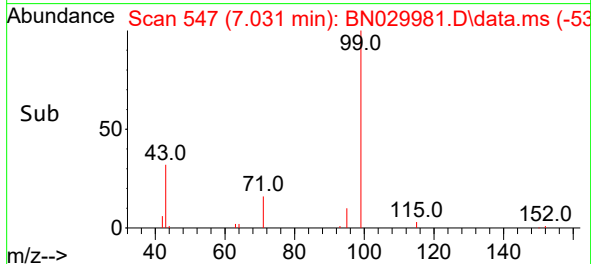
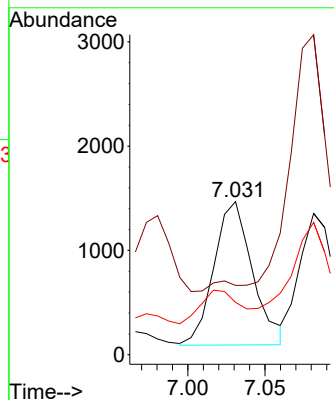
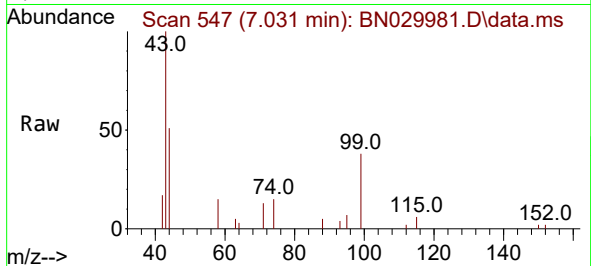




#5
Phenol-d6
Concen: 0.181 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029981.D
Acq: 24 Feb 2024 07:05

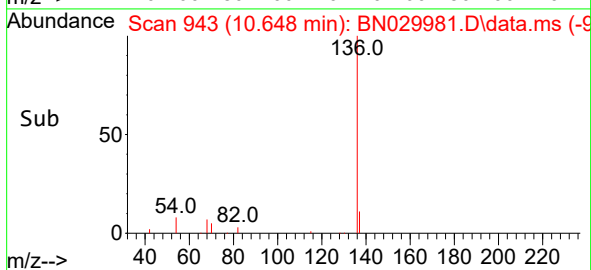
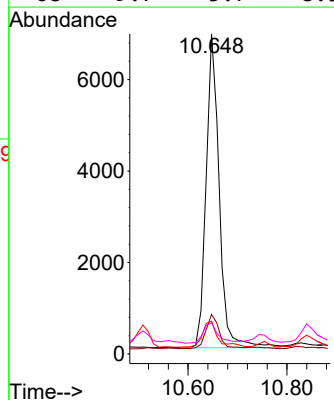
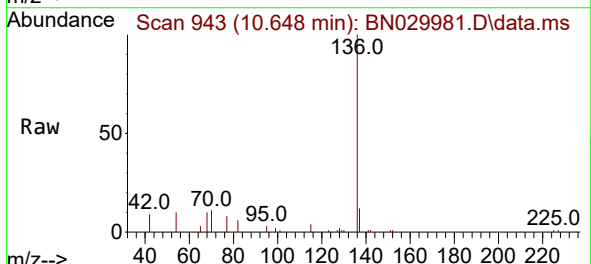
Instrument :
BNA_N
ClientSampleId :
MW179D1-20240215

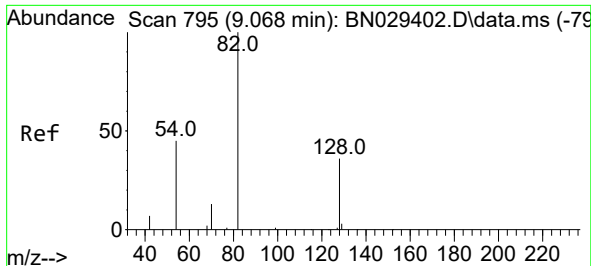
Tgt Ion: 99 Resp: 2396
Ion Ratio Lower Upper
99 100
42 8.4 16.9 25.3#
71 28.2 30.0 45.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN029981.D
Acq: 24 Feb 2024 07:05

Tgt Ion: 136 Resp: 12632
Ion Ratio Lower Upper
136 100
137 12.4 9.7 14.5
54 10.2 6.6 10.0#
68 9.7 5.7 8.5#

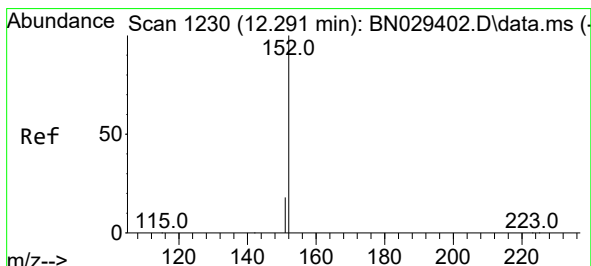
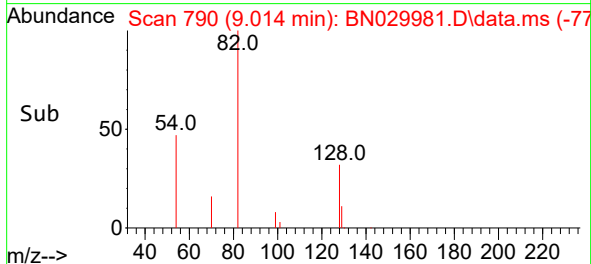
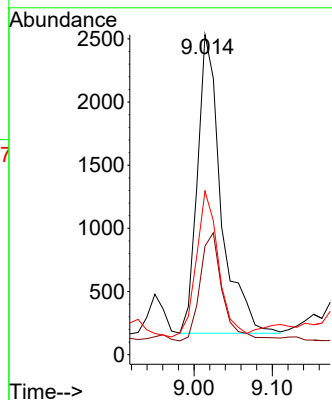
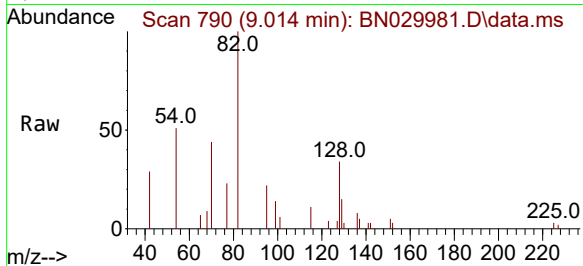




#8
Nitrobenzene-d5
Concen: 0.474 ng
RT: 9.014 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN029981.D
Acq: 24 Feb 2024 07:05

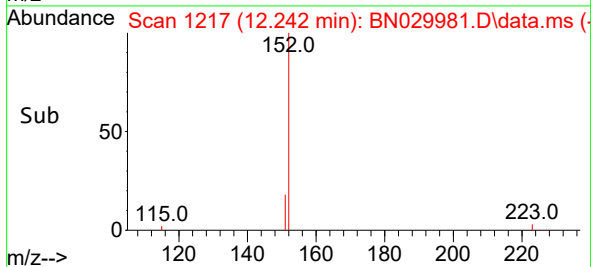
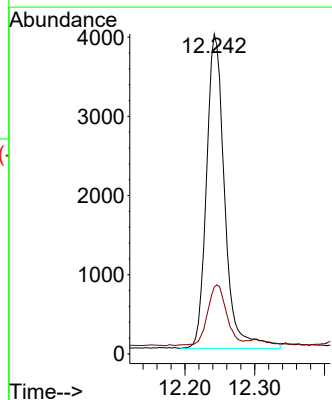
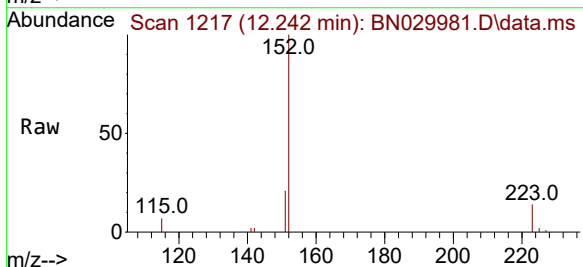
Instrument :
BNA_N
ClientSampleId :
MW179D1-20240215

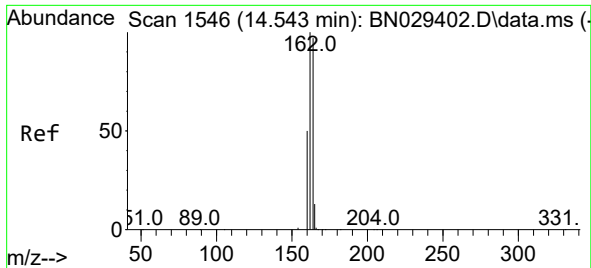
Tgt Ion: 82 Resp: 4980
Ion Ratio Lower Upper
82 100
128 34.0 31.6 47.4
54 51.1 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.417 ng
RT: 12.242 min Scan# 1217
Delta R.T. -0.004 min
Lab File: BN029981.D
Acq: 24 Feb 2024 07:05

Tgt Ion: 152 Resp: 7167
Ion Ratio Lower Upper
152 100
151 20.2 17.1 25.7

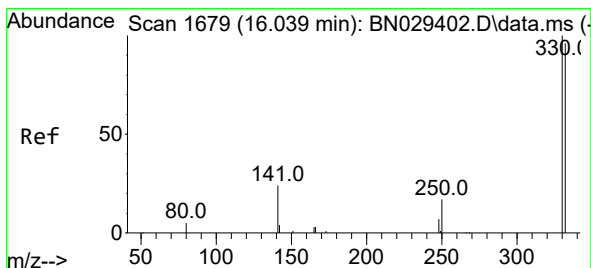
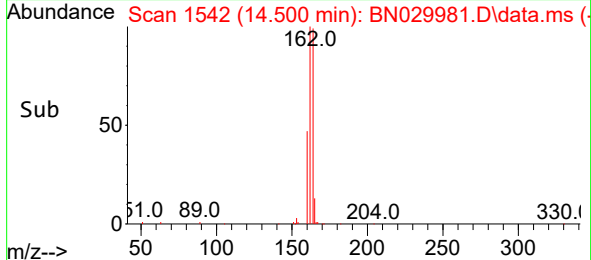
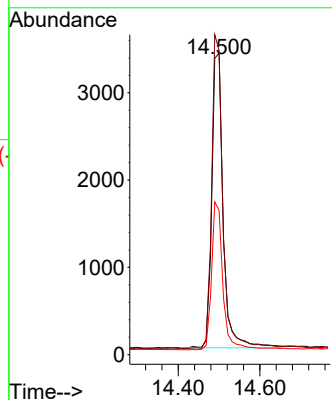
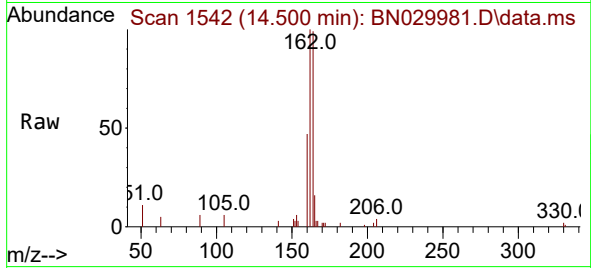




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN029981.D
Acq: 24 Feb 2024 07:05

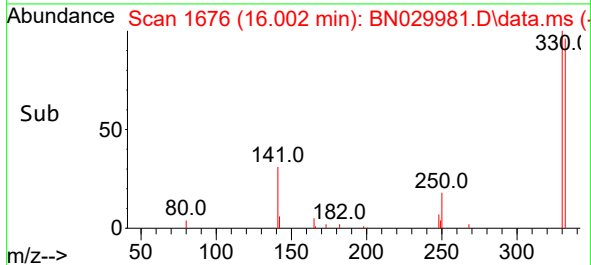
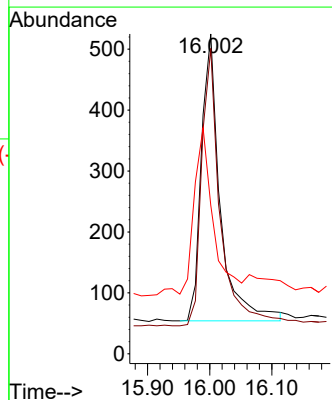
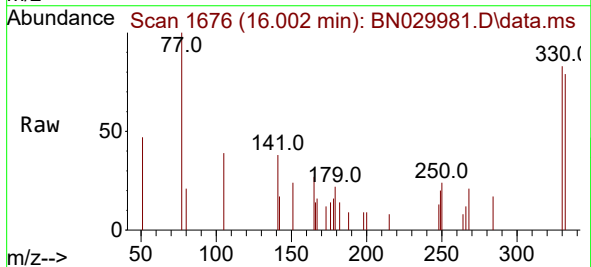
Instrument :
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ClientSampleId :
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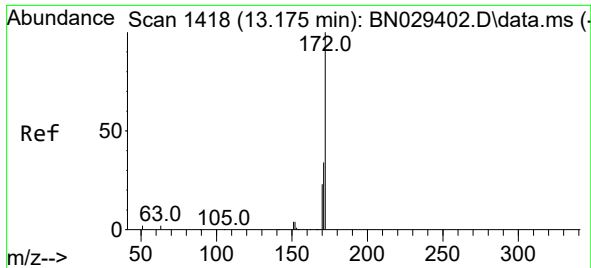
Tgt Ion:164 Resp: 6542
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 47.8 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.475 ng
RT: 16.002 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN029981.D
Acq: 24 Feb 2024 07:05

Tgt Ion:330 Resp: 998
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 57.1 43.4 65.2

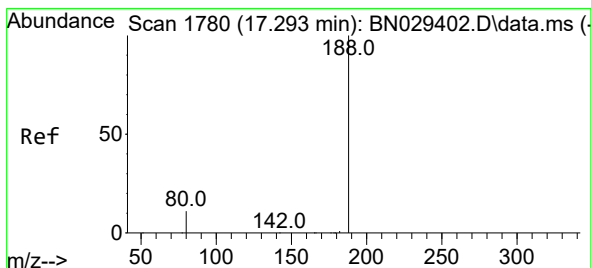
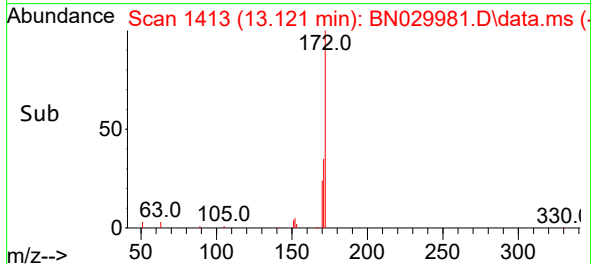
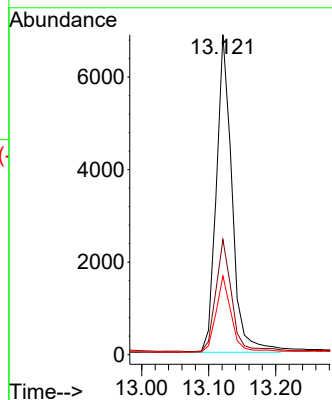
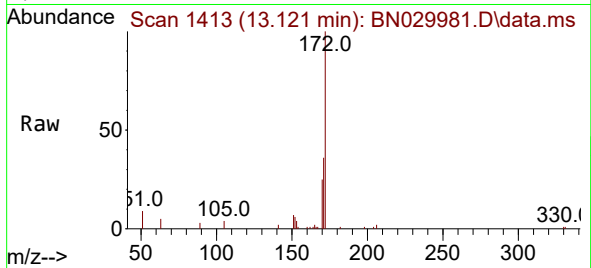




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.121 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BN029981.D
Acq: 24 Feb 2024 07:05

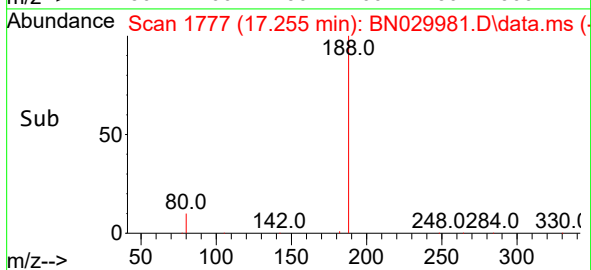
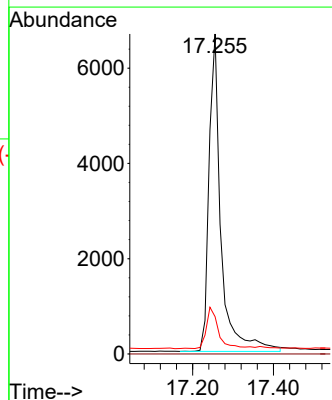
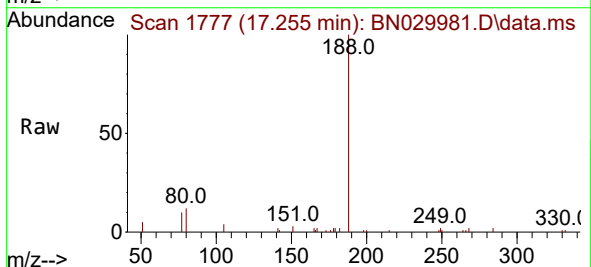
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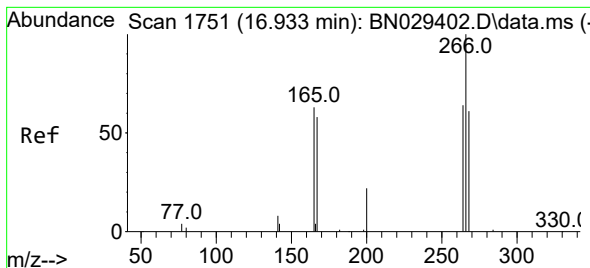
Tgt Ion:172 Resp: 11160
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 24.6 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN029981.D
Acq: 24 Feb 2024 07:05

Tgt Ion:188 Resp: 13591
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 10.0 15.0





#24

Pentachlorophenol

Concen: 0.021 ng

RT: 16.895 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BN029981.D

Acq: 24 Feb 2024 07:05

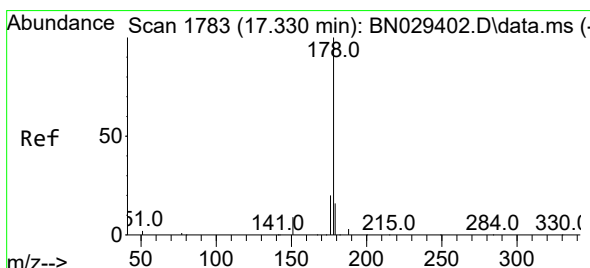
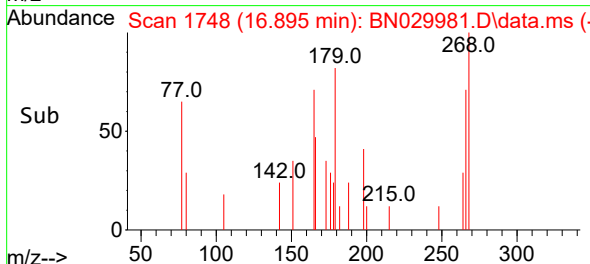
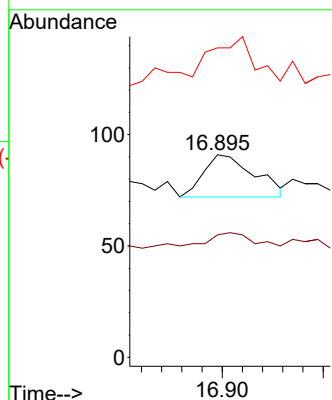
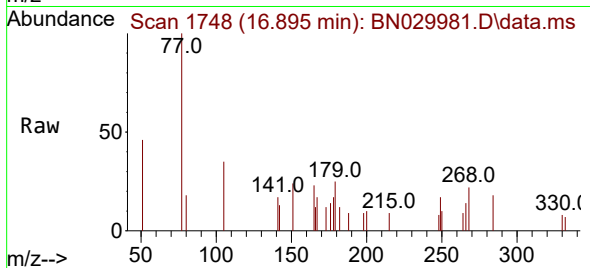
Instrument :

BNA_N

ClientSampleId :

MW179D1-20240215

Tgt Ion:	266	Resp:	66
Ion Ratio	Lower	Upper	
266	100		
264	0.0	50.8	76.2#
268	0.0	51.5	77.3#



#25

Phenanthrene

Concen: 0.021 ng

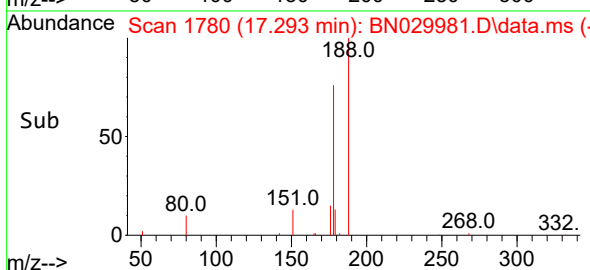
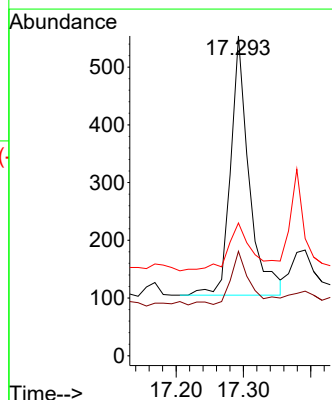
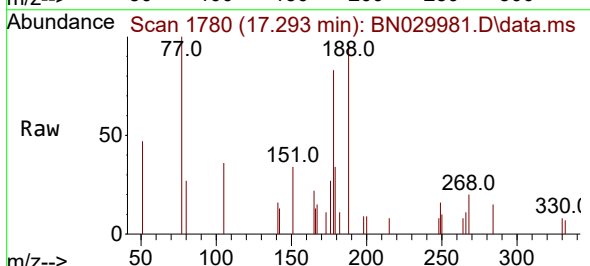
RT: 17.293 min Scan# 1780

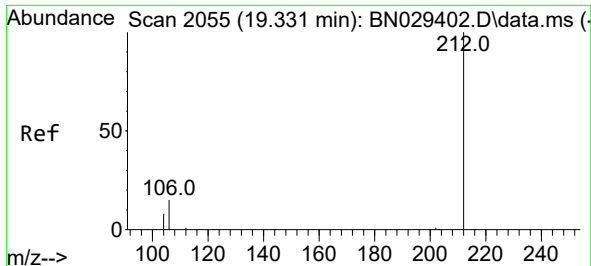
Delta R.T. -0.000 min

Lab File: BN029981.D

Acq: 24 Feb 2024 07:05

Tgt Ion:	178	Resp:	859
Ion Ratio	Lower	Upper	
178	100		
176	23.4	15.8	23.6
179	22.2	12.6	19.0#

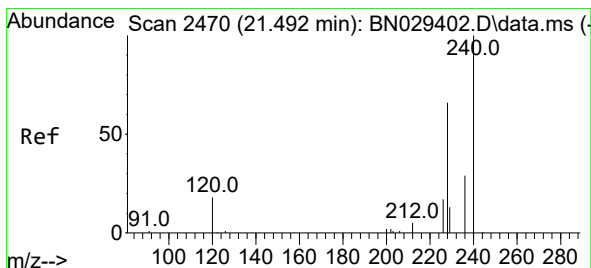
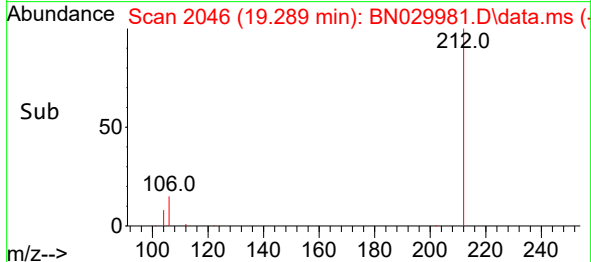
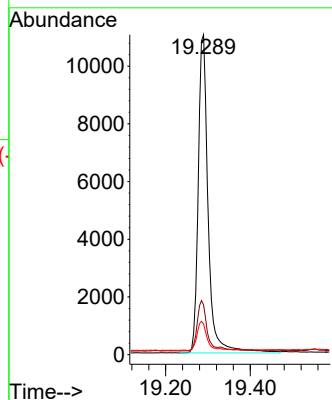
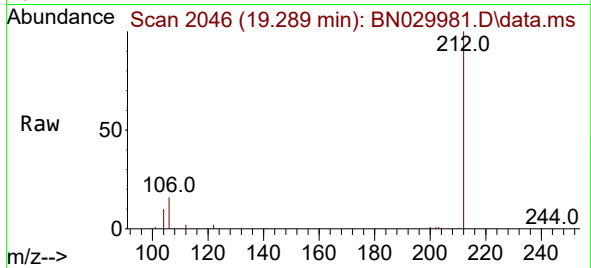




#27
Fluoranthene-d10
Concen: 0.545 ng
RT: 19.289 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BN029981.D
Acq: 24 Feb 2024 07:05

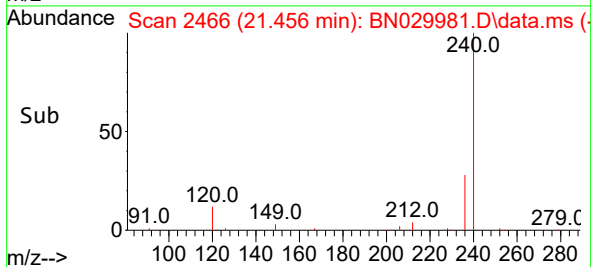
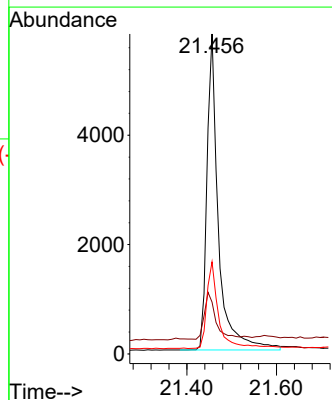
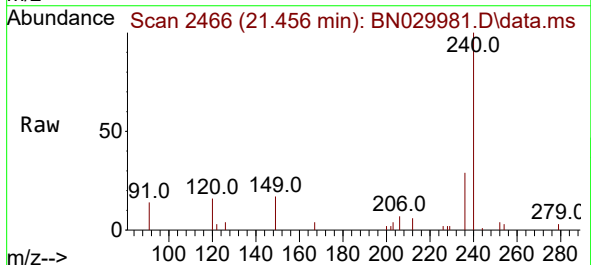
Instrument :
BNA_N
ClientSampleId :
MW179D1-20240215

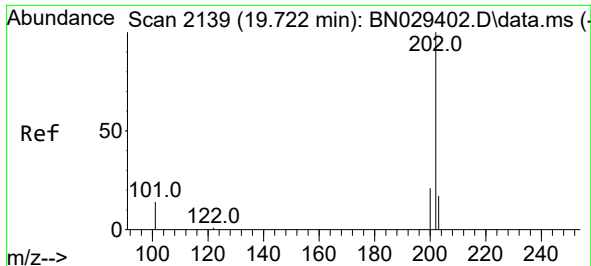
Tgt Ion:212 Resp: 17933
Ion Ratio Lower Upper
212 100
106 16.3 13.2 19.8
104 9.4 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BN029981.D
Acq: 24 Feb 2024 07:05

Tgt Ion:240 Resp: 10322
Ion Ratio Lower Upper
240 100
120 16.2 16.7 25.1#
236 28.8 23.9 35.9

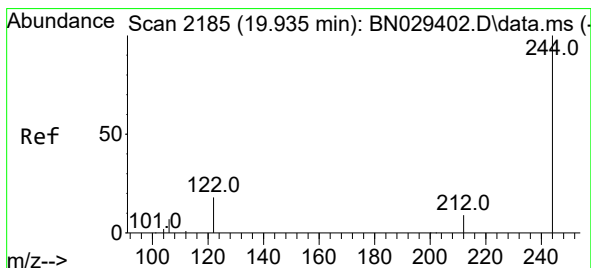
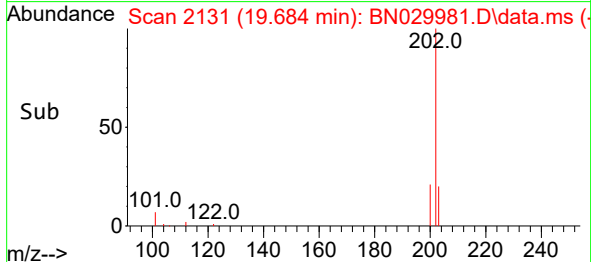
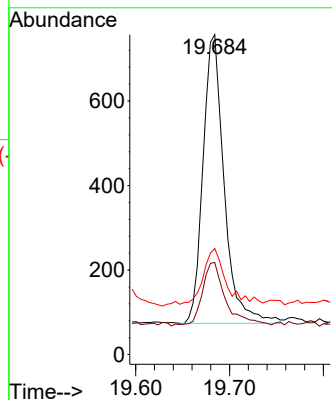
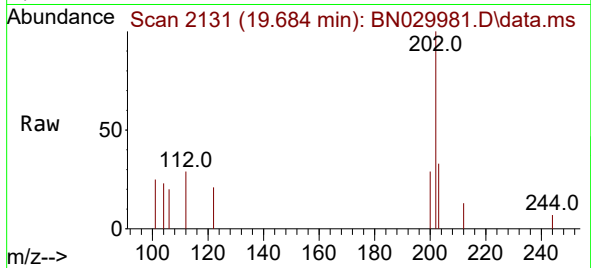




#30
 Pyrene
 Concen: 0.023 ng
 RT: 19.684 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BN029981.D
 Acq: 24 Feb 2024 07:05

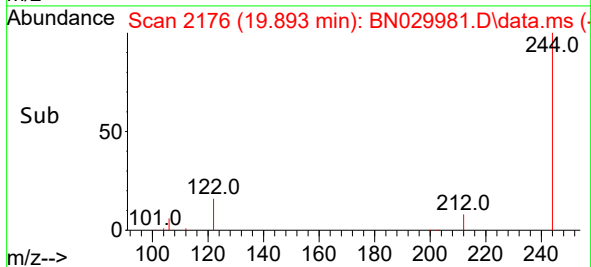
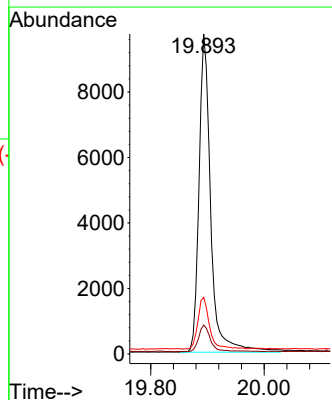
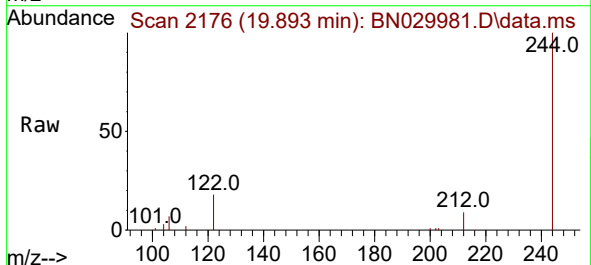
Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20240215

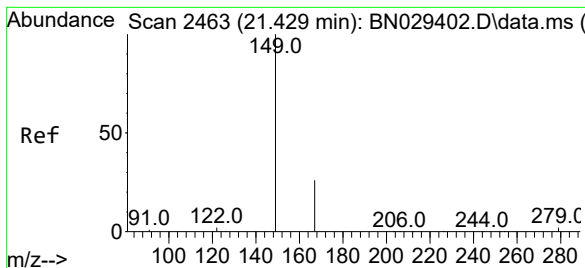
Tgt Ion:202 Resp: 1072
 Ion Ratio Lower Upper
 202 100
 200 23.4 16.6 25.0
 203 20.1 14.2 21.4



#31
 Terphenyl-d14
 Concen: 0.542 ng
 RT: 19.893 min Scan# 2176
 Delta R.T. -0.005 min
 Lab File: BN029981.D
 Acq: 24 Feb 2024 07:05

Tgt Ion:244 Resp: 13886
 Ion Ratio Lower Upper
 244 100
 212 9.1 8.2 12.4
 122 17.7 15.6 23.4

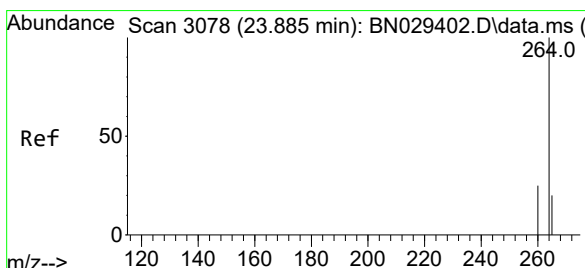
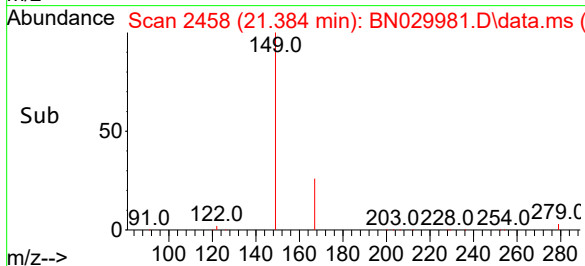
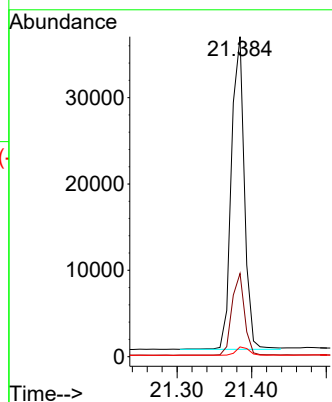
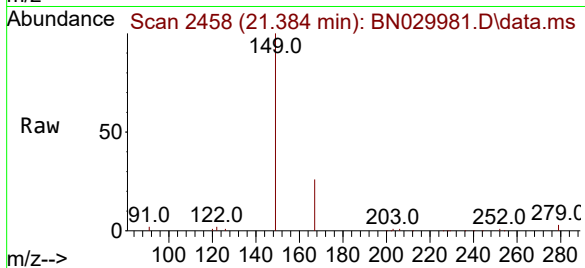




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.818 ng
 RT: 21.384 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN029981.D
 Acq: 24 Feb 2024 07:05

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20240215

Tgt Ion:149 Resp: 43682
 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: 23.818 min Scan# 3055
 Delta R.T. -0.003 min
 Lab File: BN029981.D
 Acq: 24 Feb 2024 07:05

Tgt Ion:264 Resp: 8657
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.2 31.8
 265 76.6 41.5 62.3#

