

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027629.D
 Acq On : 13 Sep 2023 04:08
 Operator : MA/JU
 Sample : 04311-03
 Misc :
 ALS Vial : 132 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-42.5-090523

Quant Time: Sep 13 06:06:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

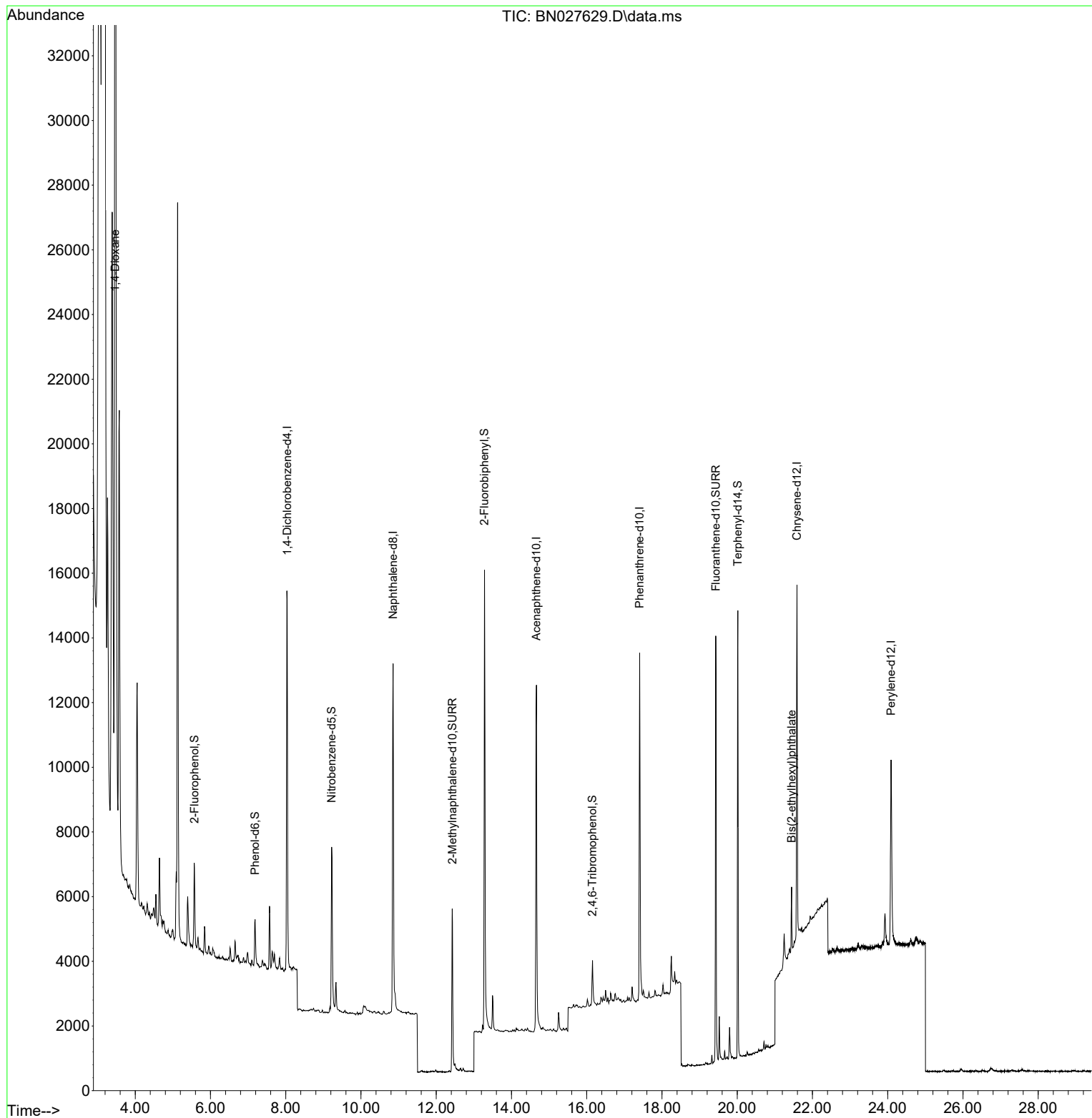
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6251	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	16342	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	7388	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	14941	0.400	ng	0.00
29) Chrysene-d12	21.587	240	11063	0.400	ng	0.00
35) Perylene-d12	24.089	264	9799	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	2551	0.157	ng	0.00
5) Phenol-d6	7.185	99	1635	0.083	ng	0.00
8) Nitrobenzene-d5	9.219	82	5094	0.428	ng	-0.01
11) 2-Methylnaphthalene-d10	12.426	152	7885	0.329	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	864	0.316	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13686	0.487	ng	-0.01
27) Fluoranthene-d10	19.430	212	15182	0.409	ng	0.00
31) Terphenyl-d14	20.015	244	13583	0.611	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	65036	8.522	ng	97
34) Bis(2-ethylhexyl)phtha...	21.444	149	1862	0.102	ng	94

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

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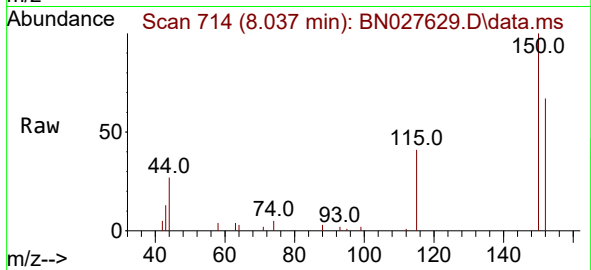
Quant Time: Sep 13 06:06:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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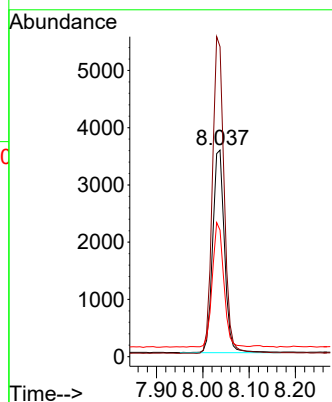
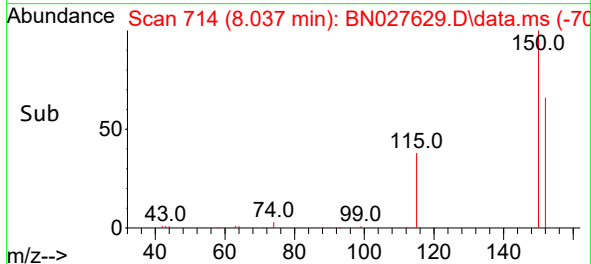


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.037 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BN027629.D
 Acq: 13 Sep 2023 04:08

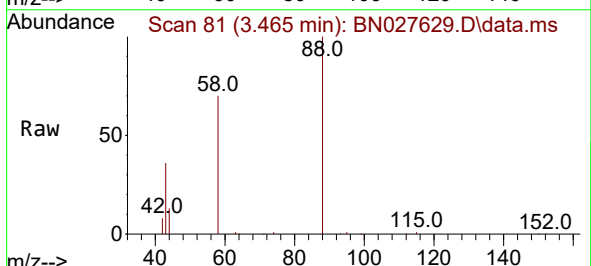
Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-42.5-090523



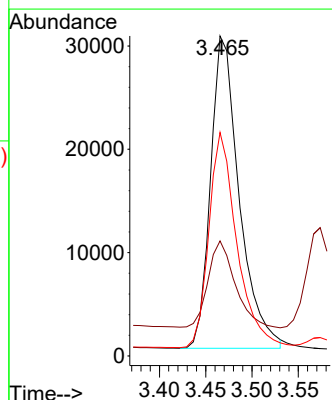
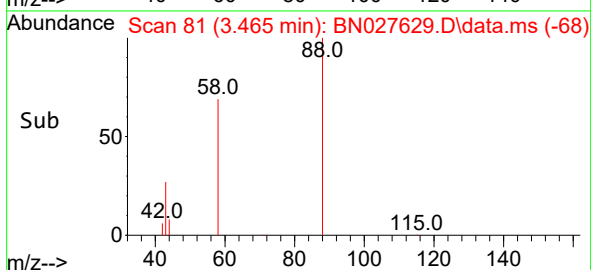
Tgt Ion: 152 Resp: 6251
 Ion Ratio Lower Upper
 152 100
 150 150.1 122.7 184.1
 115 61.3 48.6 73.0



#2
 1,4-Dioxane
 Concen: 8.522 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027629.D
 Acq: 13 Sep 2023 04:08



Tgt Ion: 88 Resp: 65036
 Ion Ratio Lower Upper
 88 100
 43 26.4 19.1 28.7
 58 67.2 52.2 78.2

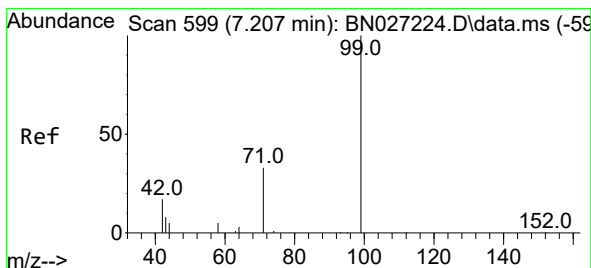
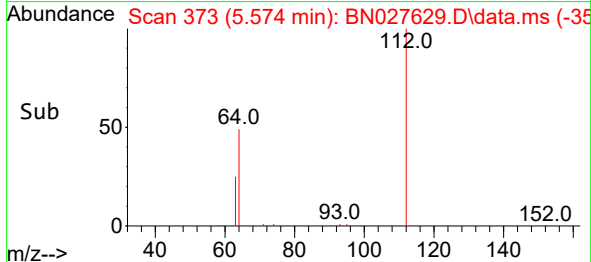
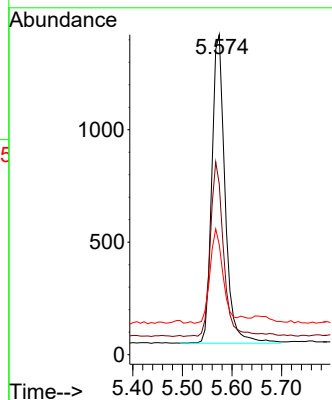
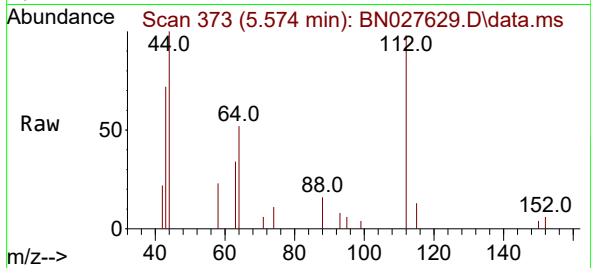




#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.574 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027629.D
Acq: 13 Sep 2023 04:08

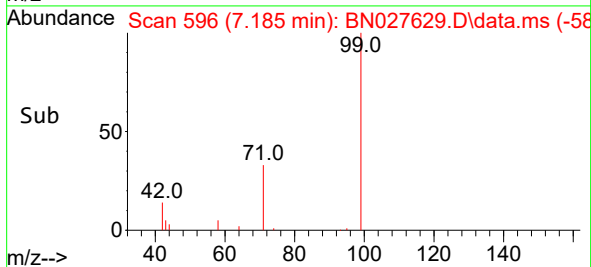
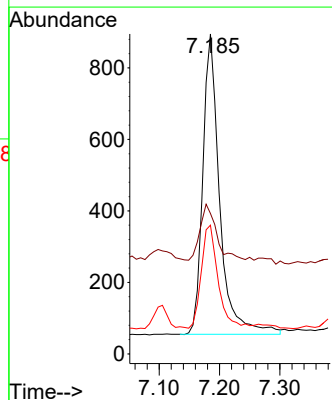
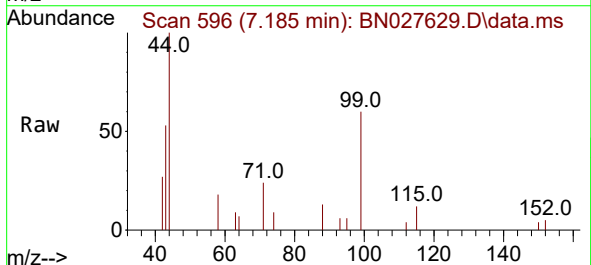
Instrument :
BNA_N
ClientSampleId :
MW-10B-42.5-090523

Tgt Ion:112 Resp: 2551
Ion Ratio Lower Upper
112 100
64 57.2 44.4 66.6
63 29.9 23.1 34.7



#5
Phenol-d6
Concen: 0.083 ng
RT: 7.185 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN027629.D
Acq: 13 Sep 2023 04:08

Tgt Ion: 99 Resp: 1635
Ion Ratio Lower Upper
99 100
42 18.0 14.5 21.7
71 33.4 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.853 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN027629.D

Acq: 13 Sep 2023 04:08

Instrument :

BNA_N

ClientSampleId :

MW-10B-42.5-090523

Tgt Ion:136 Resp: 16342

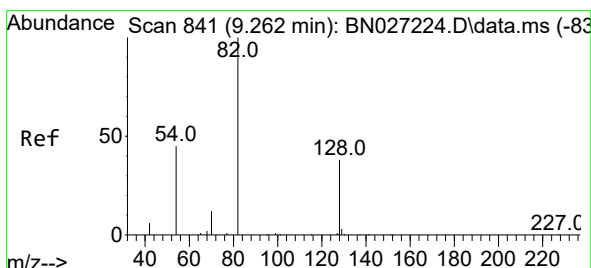
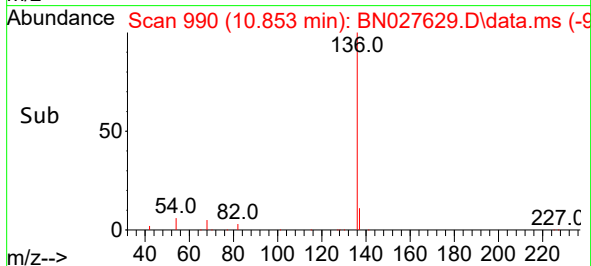
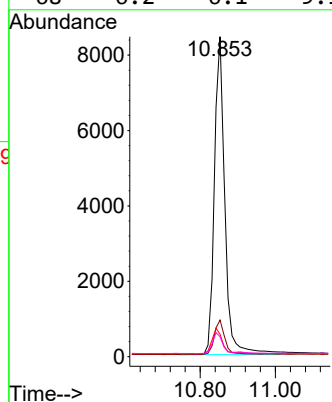
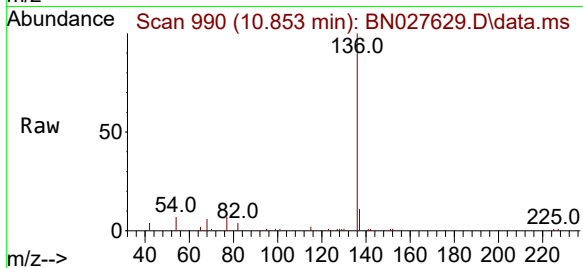
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 7.0 6.7 10.1

68 6.2 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.428 ng

RT: 9.219 min Scan# 837

Delta R.T. -0.011 min

Lab File: BN027629.D

Acq: 13 Sep 2023 04:08

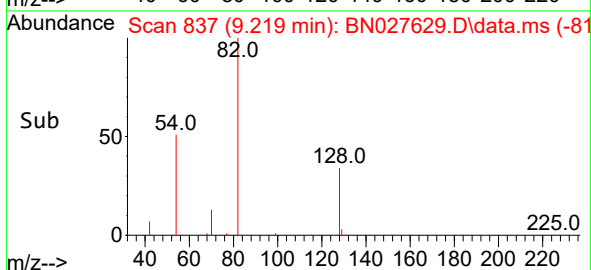
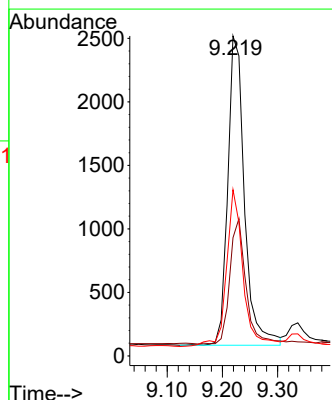
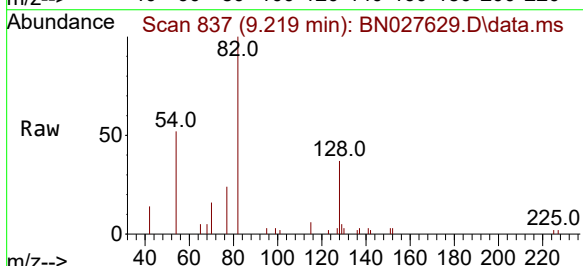
Tgt Ion: 82 Resp: 5094

Ion Ratio Lower Upper

82 100

128 36.9 33.4 50.0

54 51.9 37.7 56.5

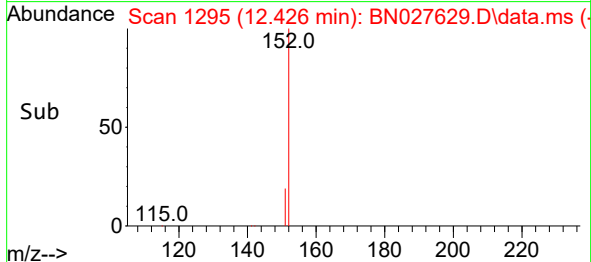
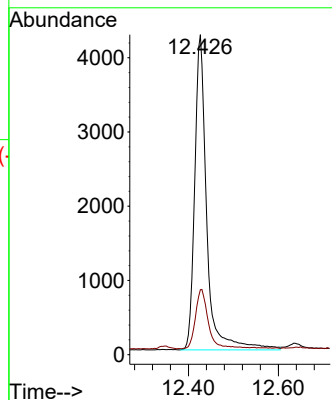
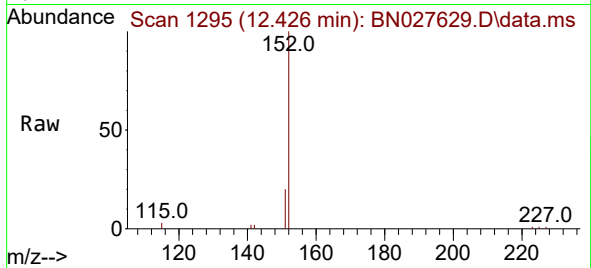




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.426 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027629.D
Acq: 13 Sep 2023 04:08

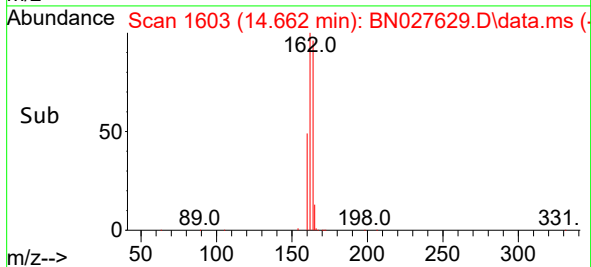
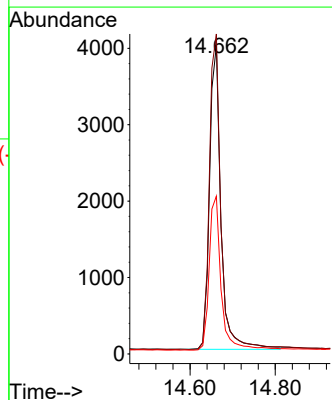
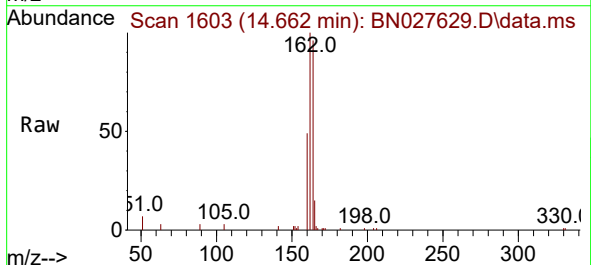
Instrument :
BNA_N
ClientSampleId :
MW-10B-42.5-090523

Tgt Ion:152 Resp: 7885
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BN027629.D
Acq: 13 Sep 2023 04:08

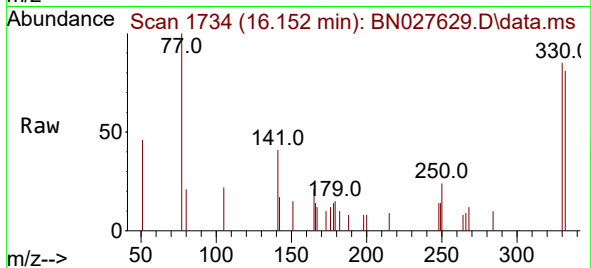
Tgt Ion:164 Resp: 7388
Ion Ratio Lower Upper
164 100
162 103.8 85.8 128.8
160 51.2 44.2 66.2



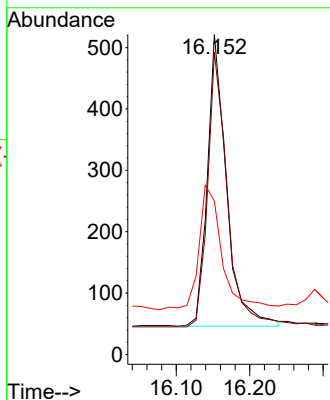
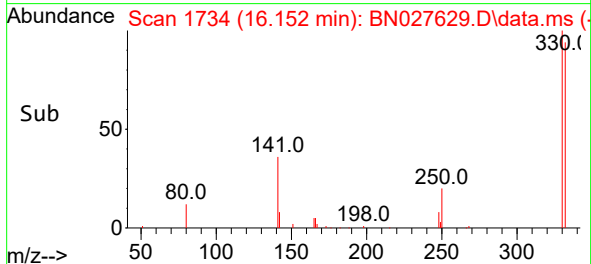


#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 16.152 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027629.D
Acq: 13 Sep 2023 04:08

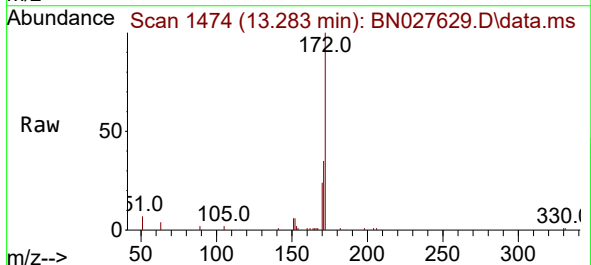
Instrument :
BNA_N
ClientSampleId :
MW-10B-42.5-090523



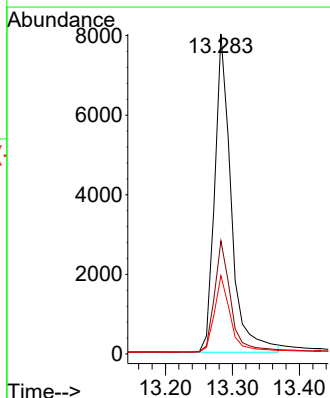
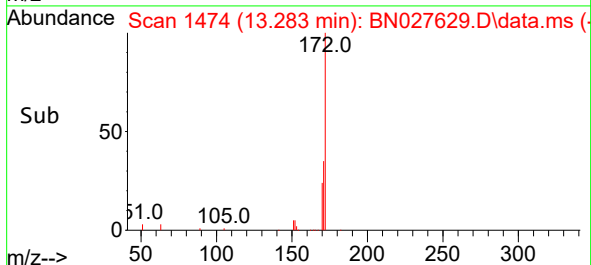
Tgt Ion:330 Resp: 864
Ion Ratio Lower Upper
330 100
332 96.8 75.2 112.8
141 51.4 36.2 54.4

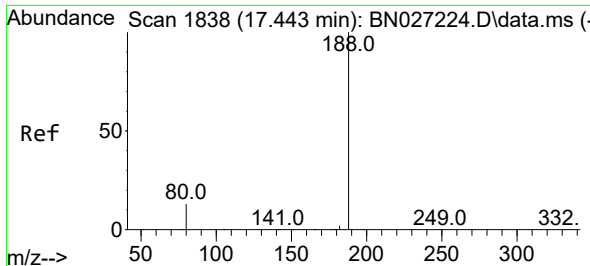


#15
2-Fluorobiphenyl
Concen: 0.487 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027629.D
Acq: 13 Sep 2023 04:08



Tgt Ion:172 Resp: 13686
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 24.4 19.3 28.9

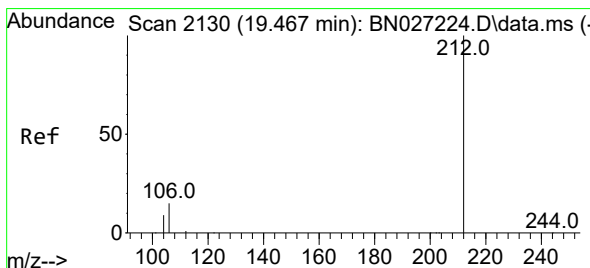
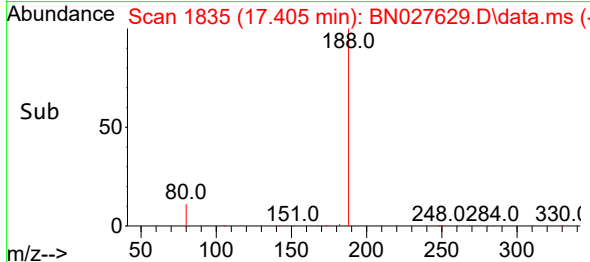
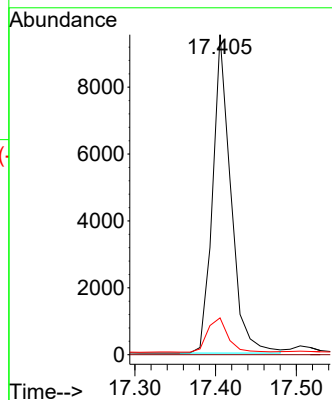
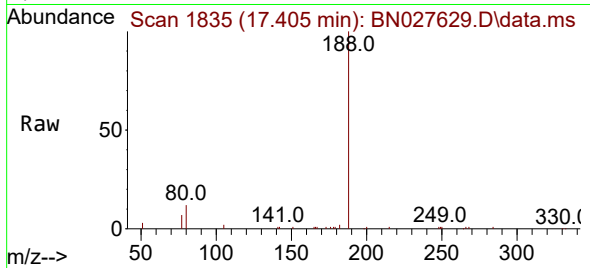




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027629.D
Acq: 13 Sep 2023 04:08

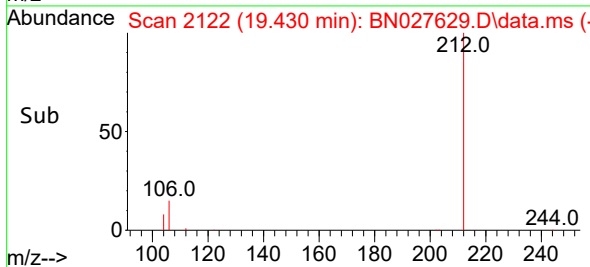
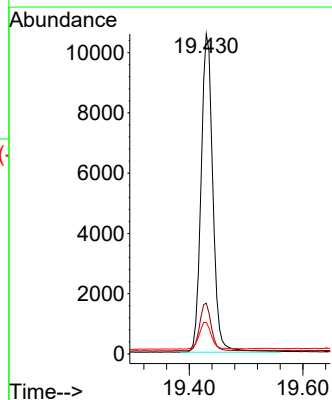
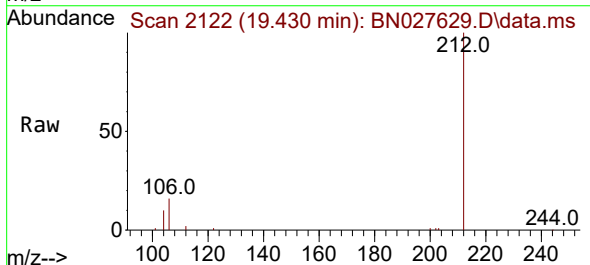
Instrument :
BNA_N
ClientSampleId :
MW-10B-42.5-090523

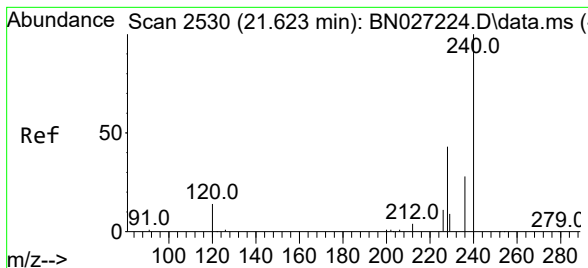
Tgt Ion:188 Resp: 14941
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.430 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BN027629.D
Acq: 13 Sep 2023 04:08

Tgt Ion:212 Resp: 15182
Ion Ratio Lower Upper
212 100
106 14.8 12.1 18.1
104 8.7 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027629.D

Acq: 13 Sep 2023 04:08

Instrument :

BNA_N

ClientSampleId :

MW-10B-42.5-090523

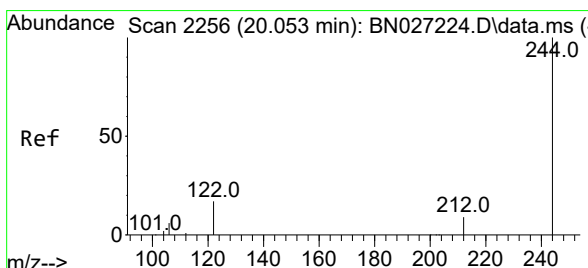
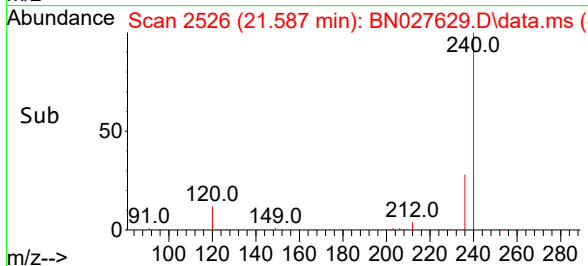
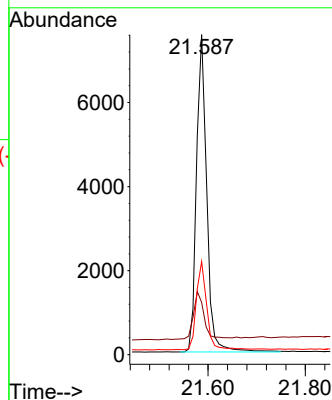
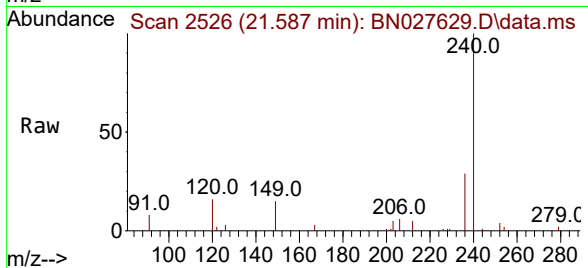
Tgt Ion:240 Resp: 11063

Ion Ratio Lower Upper

240 100

120 16.4 14.2 21.4

236 29.1 22.9 34.3



#31

Terphenyl-d14

Concen: 0.611 ng

RT: 20.015 min Scan# 2248

Delta R.T. -0.005 min

Lab File: BN027629.D

Acq: 13 Sep 2023 04:08

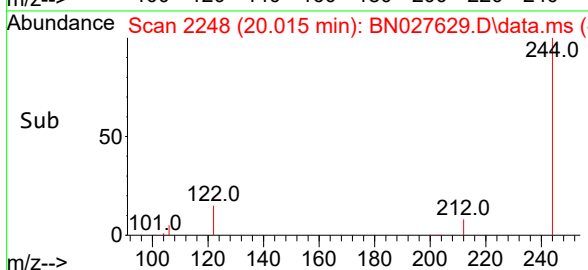
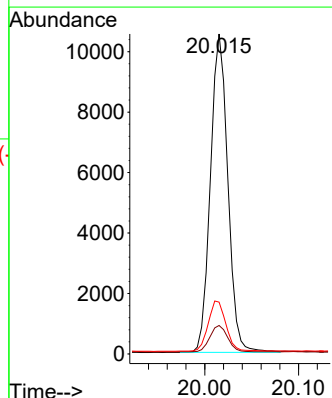
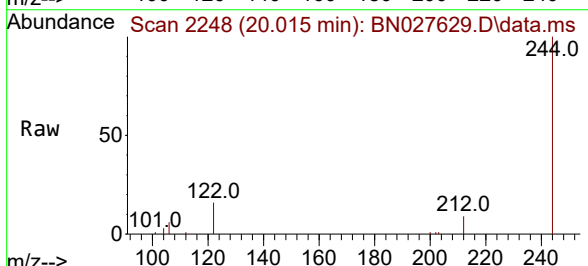
Tgt Ion:244 Resp: 13583

Ion Ratio Lower Upper

244 100

212 8.9 7.5 11.3

122 16.2 14.0 21.0

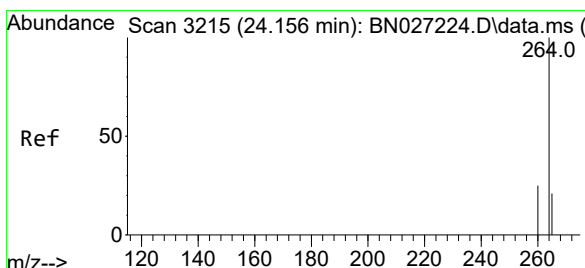
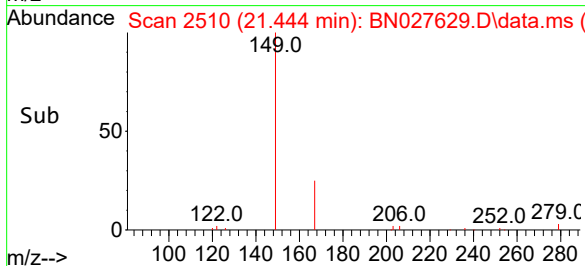
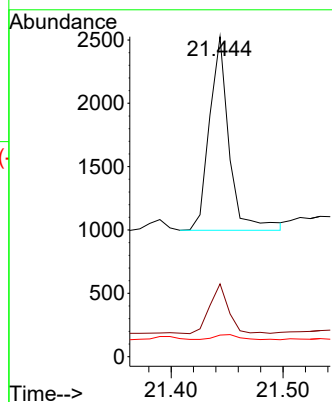
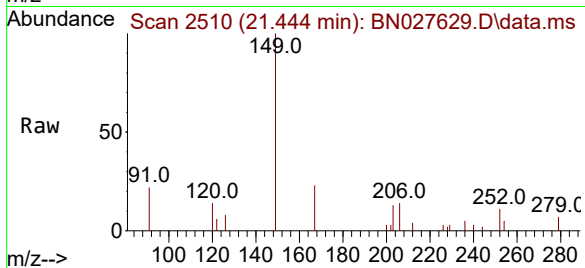




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.444 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: BN027629.D
 Acq: 13 Sep 2023 04:08

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-42.5-090523

Tgt Ion:149 Resp: 1862
 Ion Ratio Lower Upper
 149 100
 167 24.3 22.1 33.1
 279 3.2 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.089 min Scan# 3192
 Delta R.T. -0.006 min
 Lab File: BN027629.D
 Acq: 13 Sep 2023 04:08

Tgt Ion:264 Resp: 9799
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.7 31.1
 265 86.9 53.3 79.9#

