

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
 Data File : BN028283.D
 Acq On : 13 Oct 2023 18:18
 Operator : MA/JU
 Sample : 04860-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-4I

Quant Time: Oct 13 18:50:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 02:17:11 2023
 Response via : Initial Calibration

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

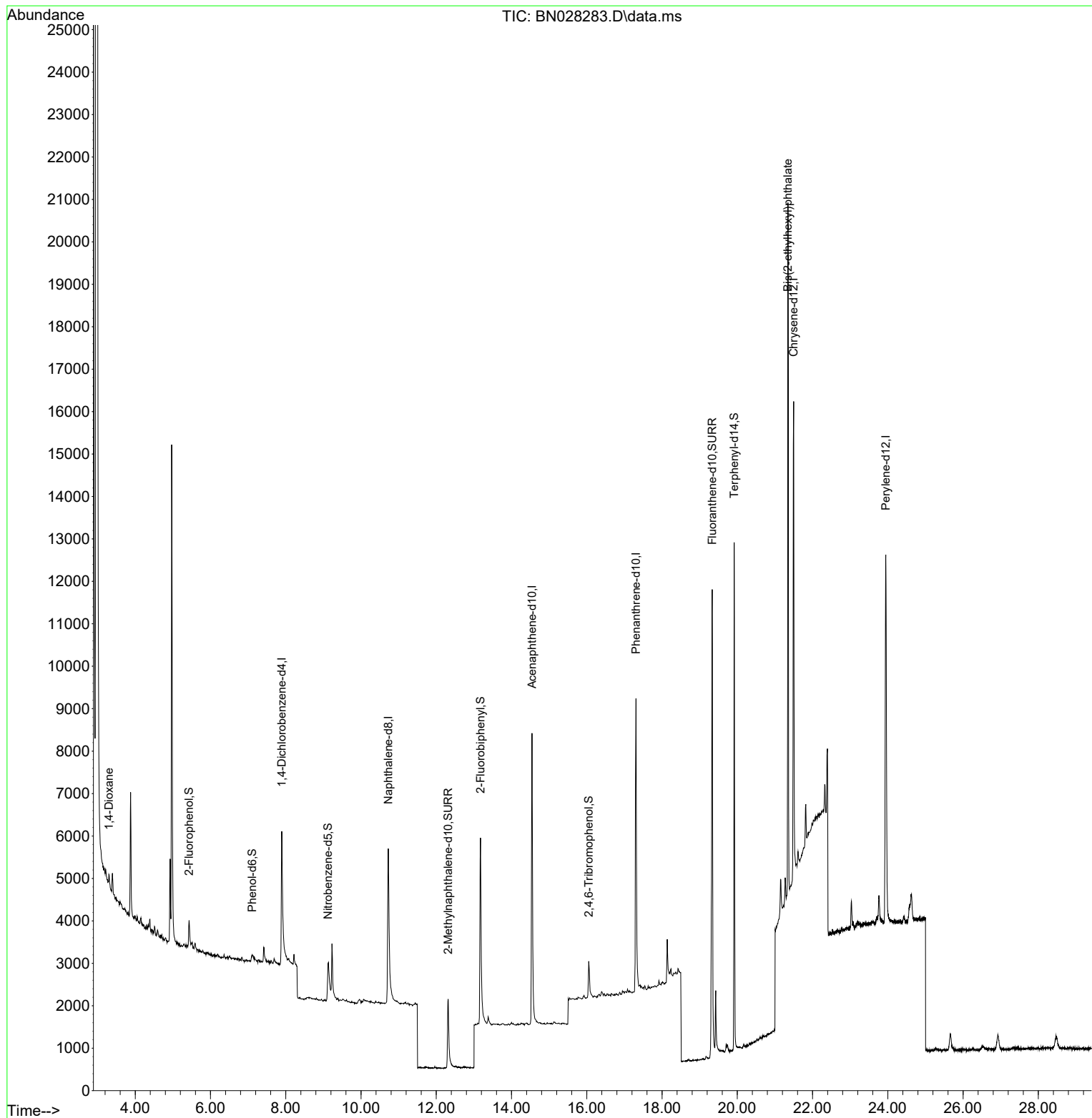
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	2522	0.400	ng	0.00
7) Naphthalene-d8	10.725	136	8248	0.400	ng	# 0.01
13) Acenaphthene-d10	14.544	164	5207	0.400	ng	0.00
19) Phenanthrene-d10	17.306	188	11852	0.400	ng	0.00
29) Chrysene-d12	21.497	240	11989	0.400	ng	# 0.00
35) Perylene-d12	23.946	264	13571	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	806	0.103	ng	0.00
5) Phenol-d6	7.105	99	429	0.044	ng	0.05
8) Nitrobenzene-d5	9.123	82	1865	0.255	ng	0.02
11) 2-Methylnaphthalene-d10	12.313	152	3658	0.295	ng	0.02
14) 2,4,6-Tribromophenol	16.053	330	683	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	5846	0.319	ng	0.01
27) Fluoranthene-d10	19.332	212	12749	0.402	ng	0.00
31) Terphenyl-d14	19.918	244	11984	0.471	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	186	0.061	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.345	149	14785	0.454	ng	# 98

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

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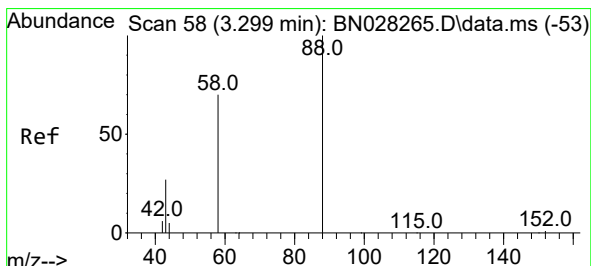
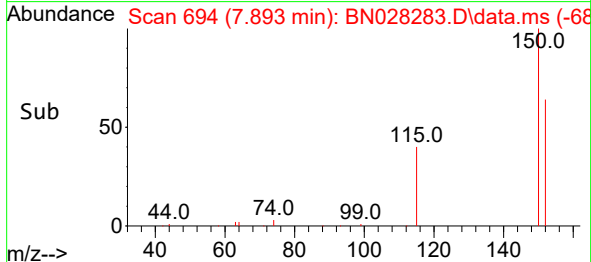
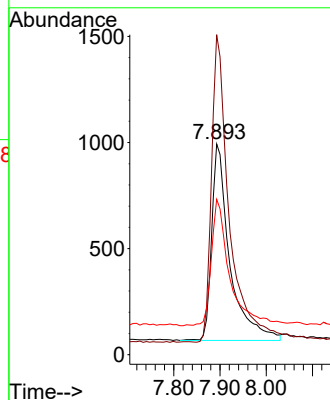
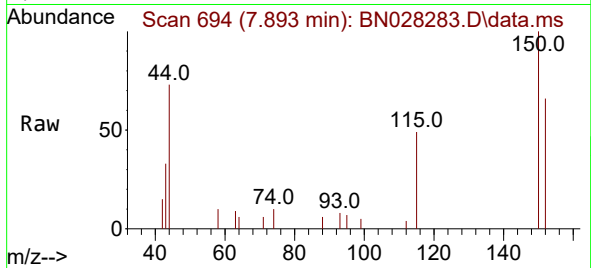




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.893 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: BN028283.D
 Acq: 13 Oct 2023 18:18

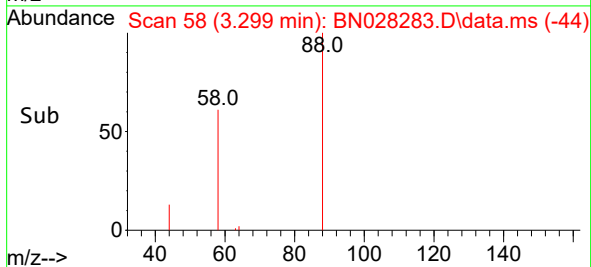
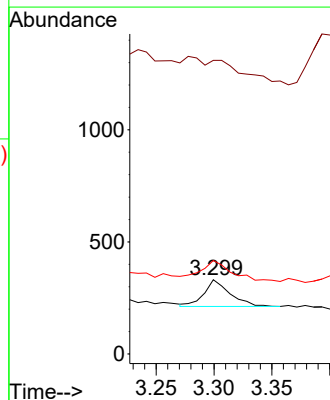
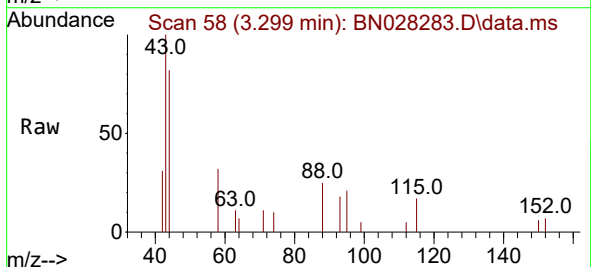
Instrument :
 BNA_N
 ClientSampleId :
 MW-4I

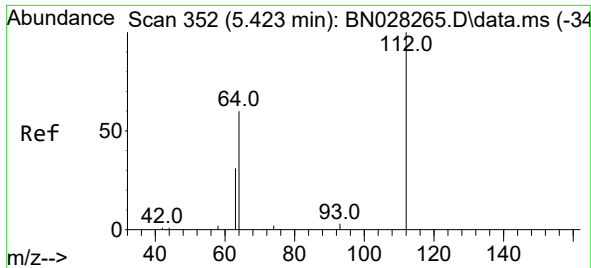
Tgt Ion:152 Resp: 2522
 Ion Ratio Lower Upper
 152 100
 150 151.9 121.6 182.4
 115 73.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.061 ng
 RT: 3.299 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: BN028283.D
 Acq: 13 Oct 2023 18:18

Tgt Ion: 88 Resp: 186
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 96.2 55.4 83.0#

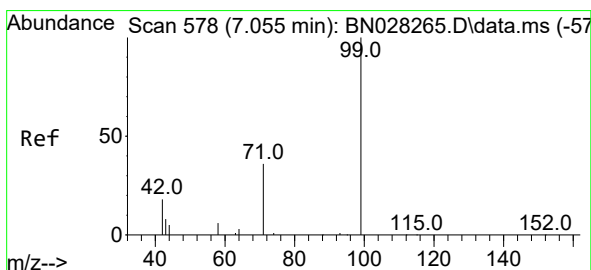
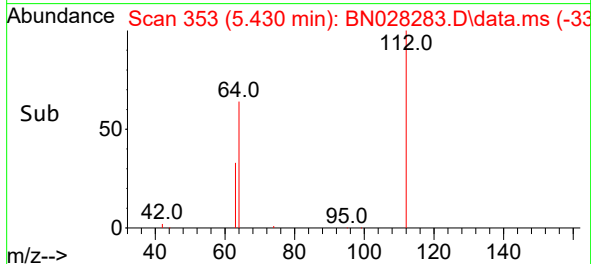
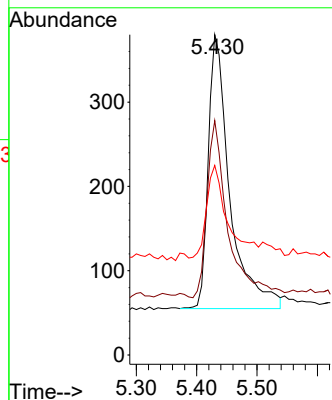
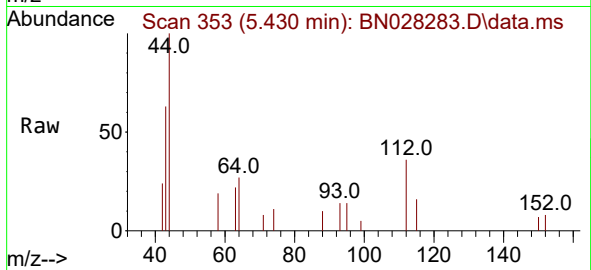




#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.430 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN028283.D
Acq: 13 Oct 2023 18:18

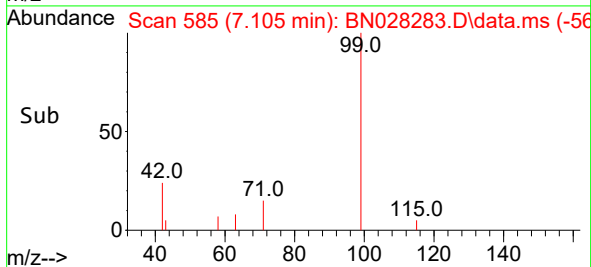
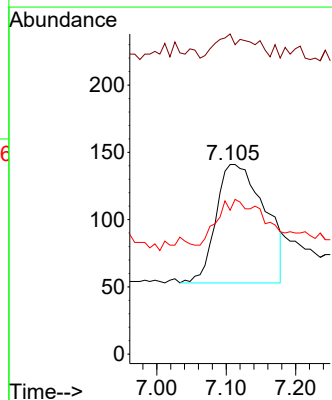
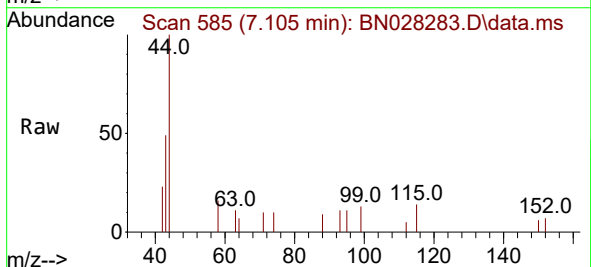
Instrument :
BNA_N
ClientSampleId :
MW-4I

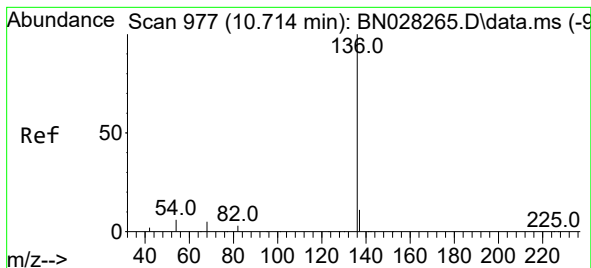
Tgt Ion:112 Resp: 806
Ion Ratio Lower Upper
112 100
64 63.3 46.9 70.3
63 32.9 25.0 37.4



#5
Phenol-d6
Concen: 0.044 ng
RT: 7.105 min Scan# 585
Delta R.T. 0.050 min
Lab File: BN028283.D
Acq: 13 Oct 2023 18:18

Tgt Ion: 99 Resp: 429
Ion Ratio Lower Upper
99 100
42 14.7 15.9 23.9#
71 35.2 28.6 42.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.725 min Scan# 91

Delta R.T. 0.011 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

Instrument :

BNA_N

ClientSampleId :

MW-4I

Tgt Ion:136 Resp: 8248

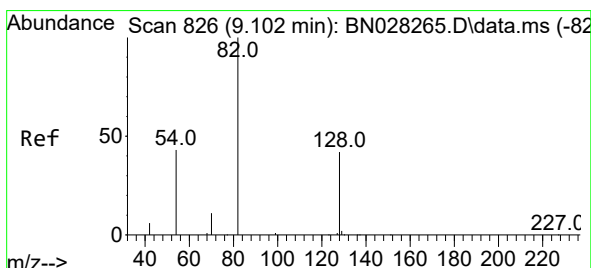
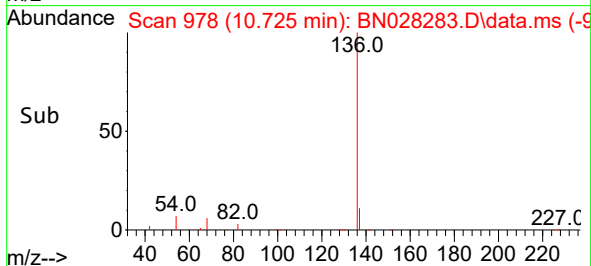
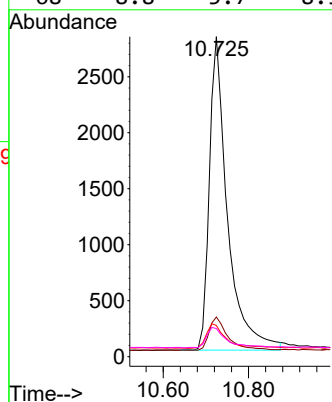
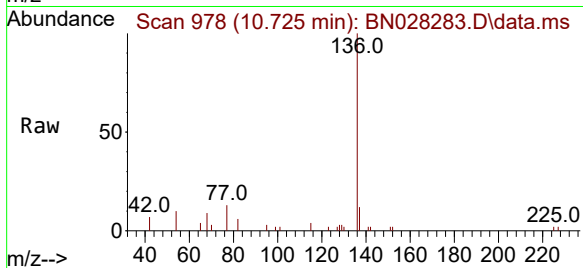
Ion Ratio Lower Upper

136 100

137 12.4 9.8 14.8

54 9.7 6.2 9.4#

68 8.8 5.7 8.5#



#8

Nitrobenzene-d5

Concen: 0.255 ng

RT: 9.123 min Scan# 828

Delta R.T. 0.021 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

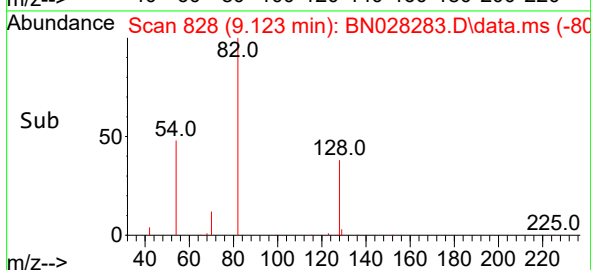
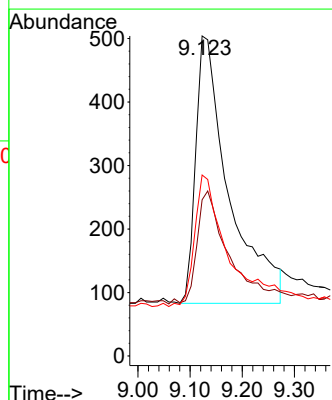
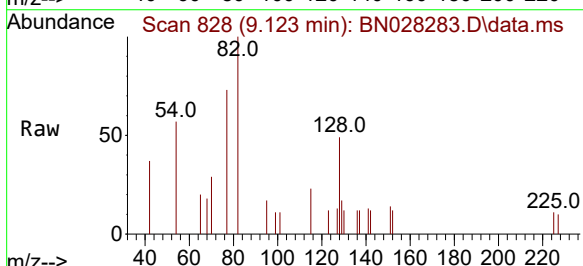
Tgt Ion: 82 Resp: 1865

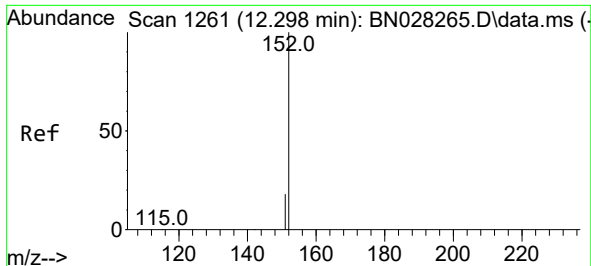
Ion Ratio Lower Upper

82 100

128 48.8 36.8 55.2

54 56.5 37.4 56.2#

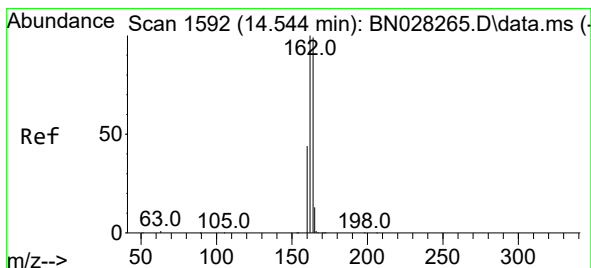
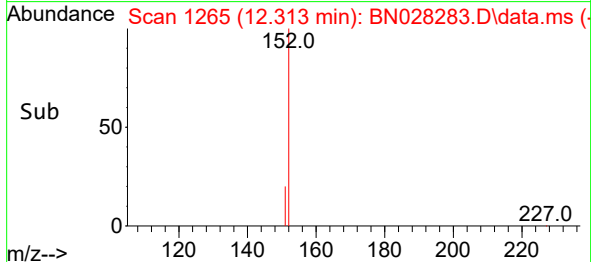
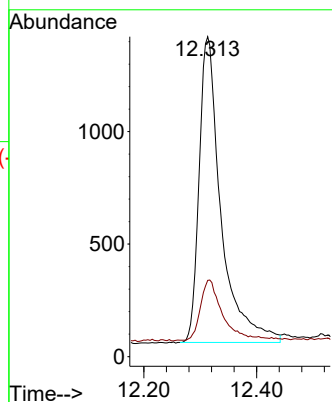
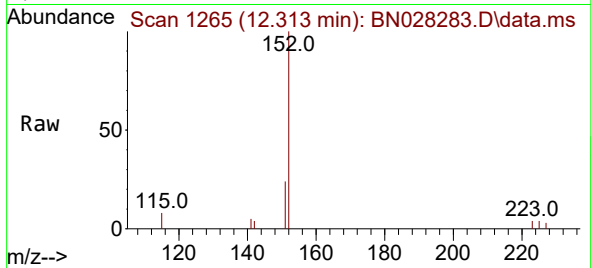




#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 12.313 min Scan# 1265
Delta R.T. 0.015 min
Lab File: BN028283.D
Acq: 13 Oct 2023 18:18

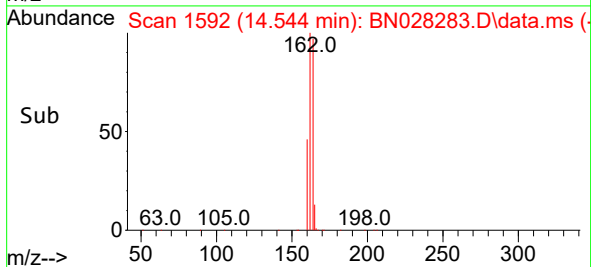
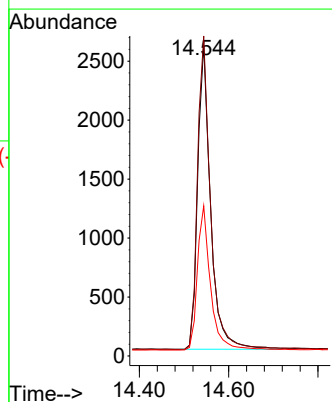
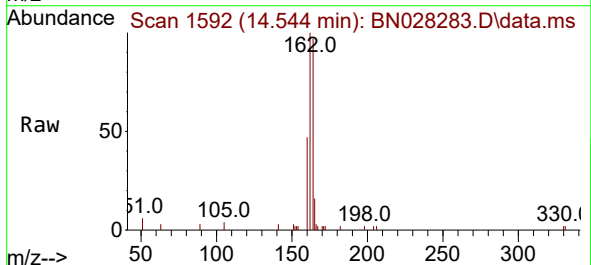
Instrument :
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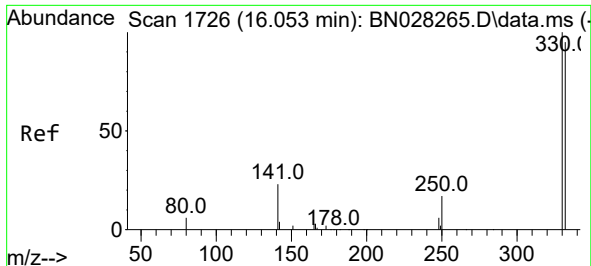
Tgt Ion:152 Resp: 3658
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN028283.D
Acq: 13 Oct 2023 18:18

Tgt Ion:164 Resp: 5207
Ion Ratio Lower Upper
164 100
162 102.9 81.1 121.7
160 48.3 36.6 54.8

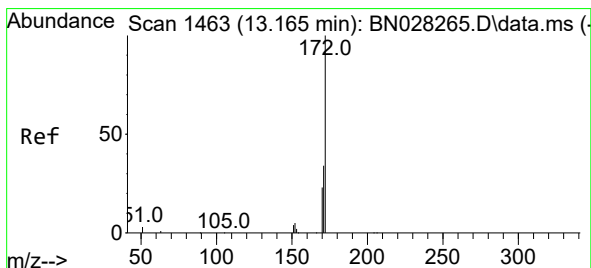
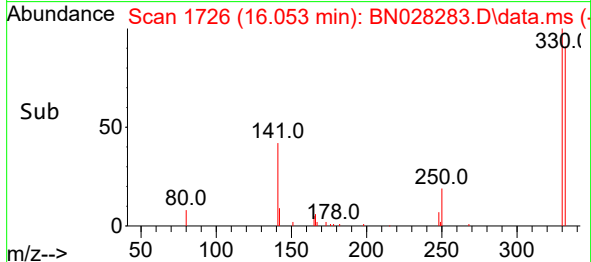
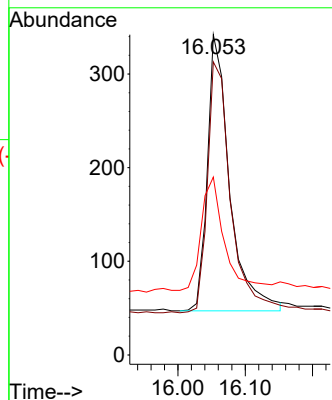
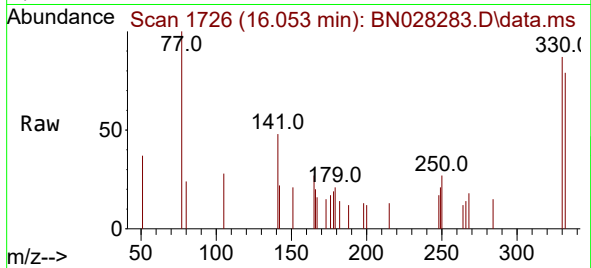




#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 16.053 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028283.D
Acq: 13 Oct 2023 18:18

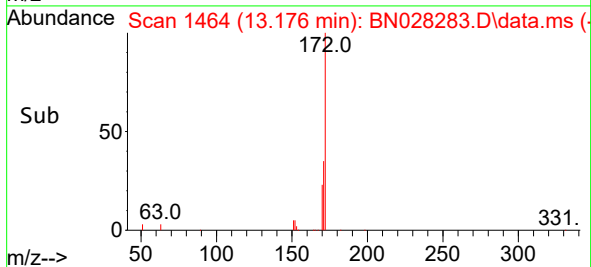
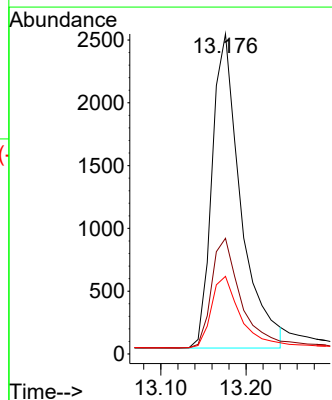
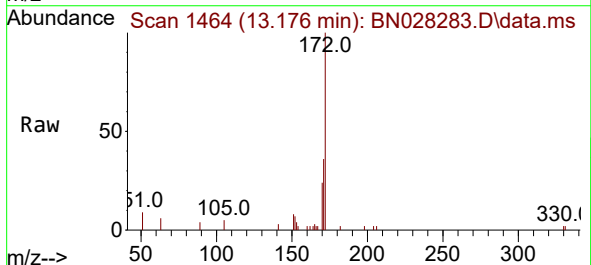
Instrument :
BNA_N
ClientSampleId :
MW-4I

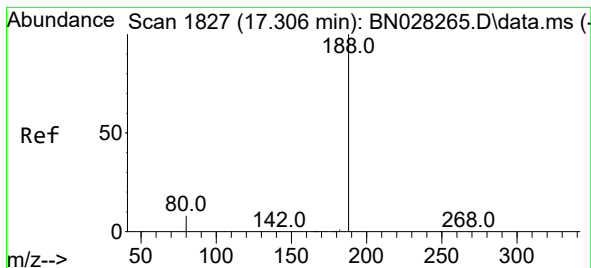
Tgt Ion: 330 Resp: 683
Ion Ratio Lower Upper
330 100
332 94.9 74.1 111.1
141 42.3 32.1 48.1



#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.176 min Scan# 1464
Delta R.T. 0.011 min
Lab File: BN028283.D
Acq: 13 Oct 2023 18:18

Tgt Ion: 172 Resp: 5846
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 24.3 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.306 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

Instrument :

BNA_N

ClientSampleId :

MW-4I

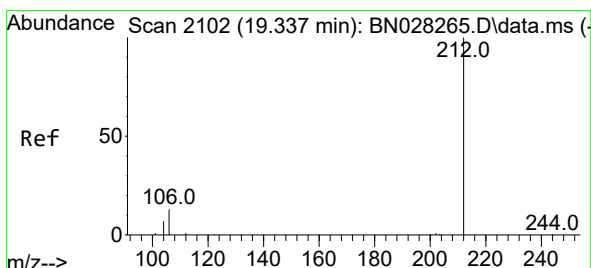
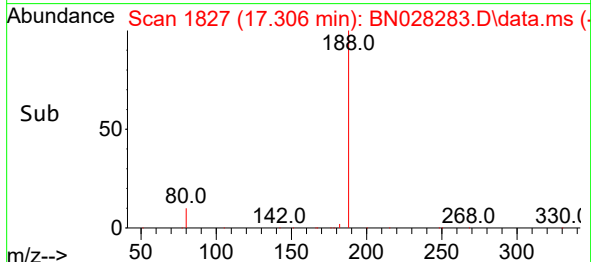
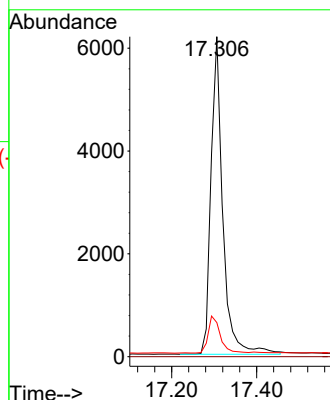
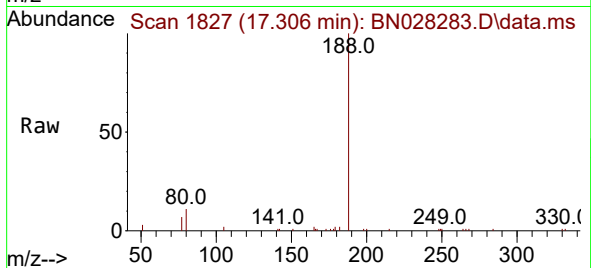
Tgt Ion:188 Resp: 11852

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 7.1 10.7



#27

Fluoranthene-d10

Concen: 0.402 ng

RT: 19.332 min Scan# 2101

Delta R.T. -0.005 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

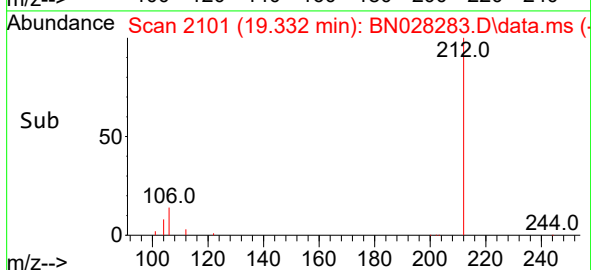
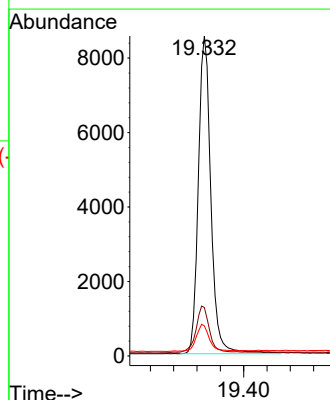
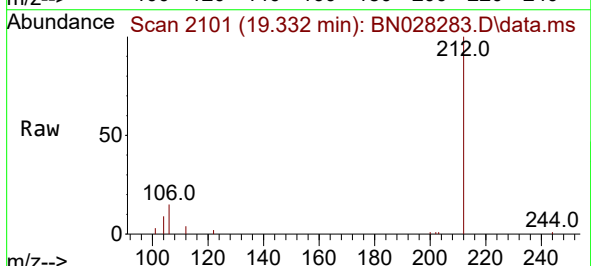
Tgt Ion:212 Resp: 12749

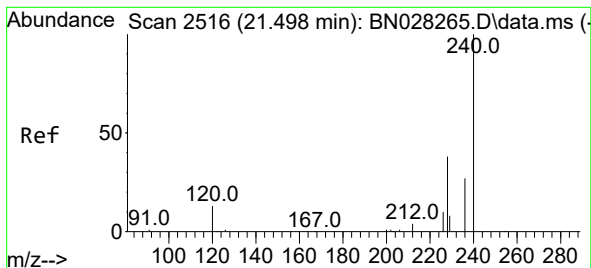
Ion Ratio Lower Upper

212 100

106 16.3 11.5 17.3

104 8.4 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.497 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

Instrument :

BNA_N

ClientSampleId :

MW-4I

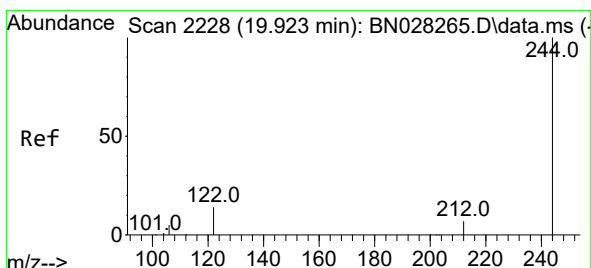
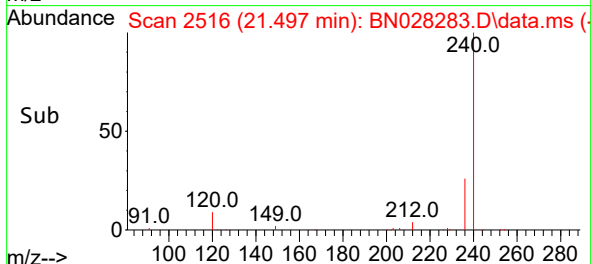
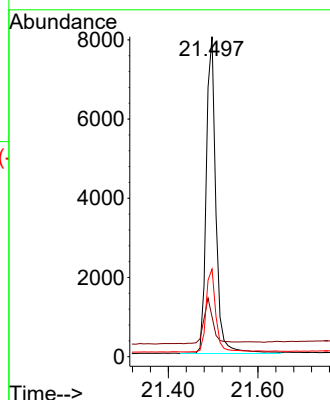
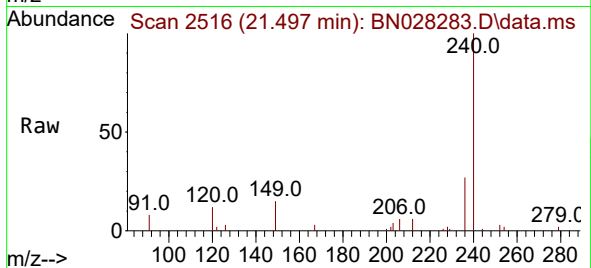
Tgt Ion:240 Resp: 11989

Ion Ratio Lower Upper

240 100

120 12.5 13.4 20.0#

236 27.4 22.7 34.1



#31

Terphenyl-d14

Concen: 0.471 ng

RT: 19.918 min Scan# 2227

Delta R.T. -0.005 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

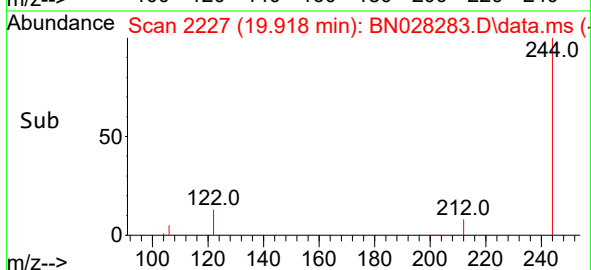
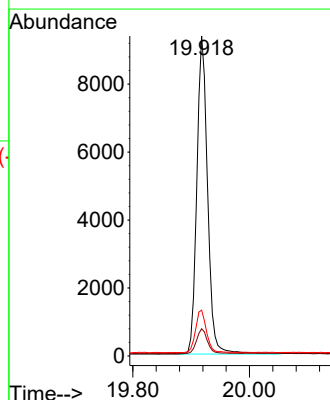
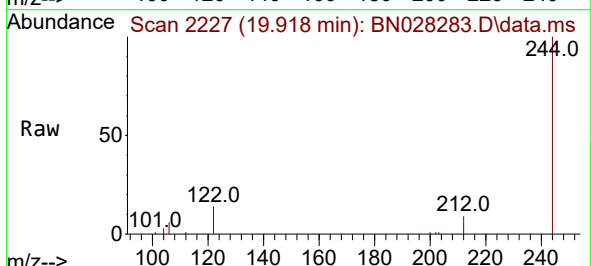
Tgt Ion:244 Resp: 11984

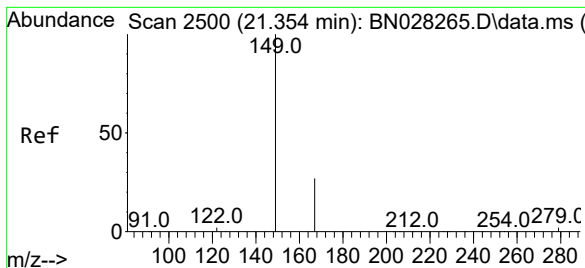
Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

122 14.3 11.7 17.5

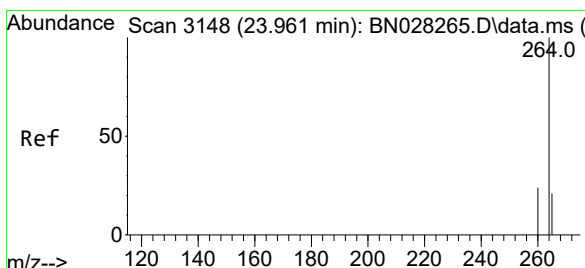
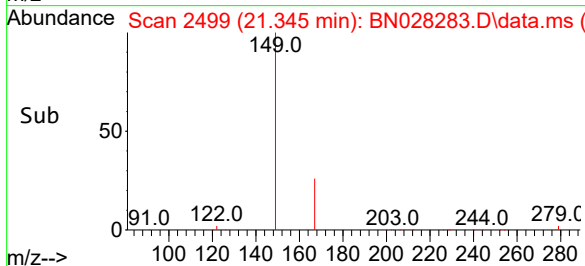
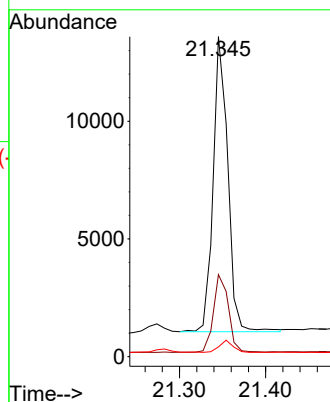
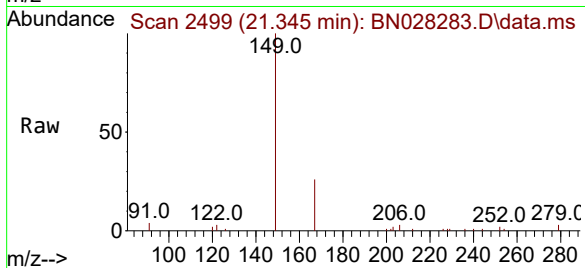




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.454 ng
 RT: 21.345 min Scan# 2499
 Delta R.T. -0.009 min
 Lab File: BN028283.D
 Acq: 13 Oct 2023 18:18

Instrument :
 BNA_N
 ClientSampleId :
 MW-4I

Tgt Ion:149 Resp: 14785
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.6 34.0
 279 3.8 4.2 6.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.946 min Scan# 3143
 Delta R.T. -0.015 min
 Lab File: BN028283.D
 Acq: 13 Oct 2023 18:18

Tgt Ion:264 Resp: 13571
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.7 31.1
 265 55.6 38.3 57.5

