

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027616.D
 Acq On : 12 Sep 2023 18:50
 Operator : MA/JU
 Sample : 04287-07
 Misc :
 ALS Vial : 118 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-42.5-090123-3V

Quant Time: Sep 13 06:02:26 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

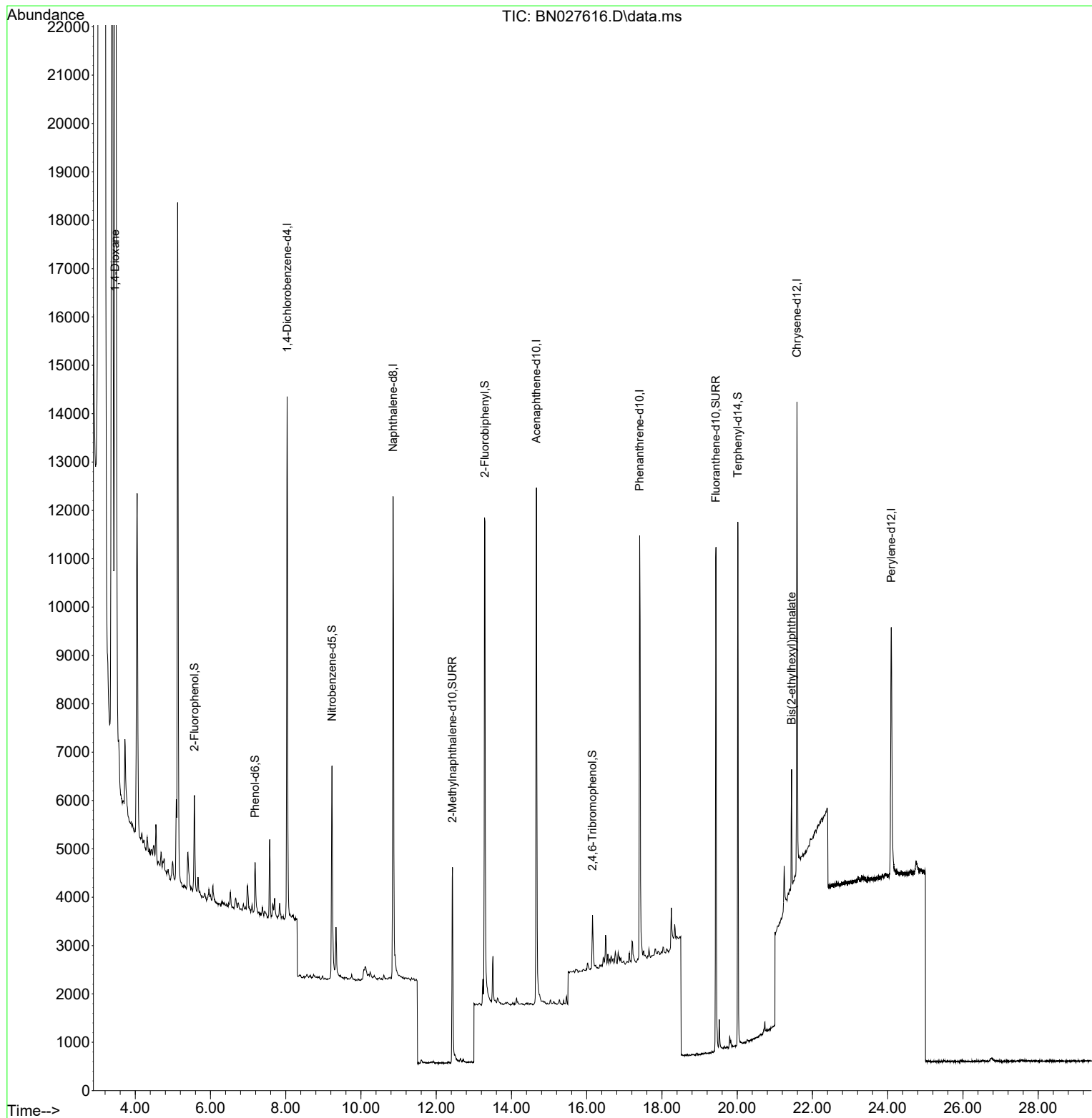
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	5626	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	14524	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	6763	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	13707	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9678	0.400	ng	0.00
35) Perylene-d12	24.095	264	8889	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	1915	0.131	ng	0.00
5) Phenol-d6	7.185	99	1179	0.066	ng	0.00
8) Nitrobenzene-d5	9.230	82	4218	0.398	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	6331	0.297	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	705	0.282	ng	0.00
15) 2-Fluorobiphenyl	13.293	172	11025	0.429	ng	0.00
27) Fluoranthene-d10	19.435	212	12147	0.357	ng	0.00
31) Terphenyl-d14	20.015	244	10790	0.555	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	63019	9.176	ng	97
34) Bis(2-ethylhexyl)phtha...	21.444	149	2299	0.144	ng	100

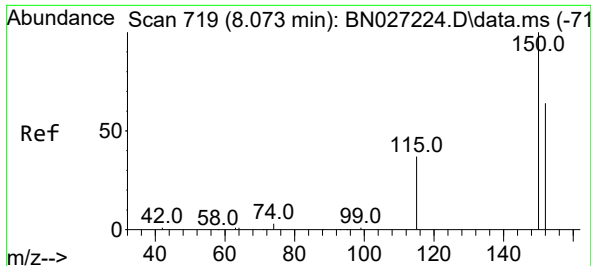
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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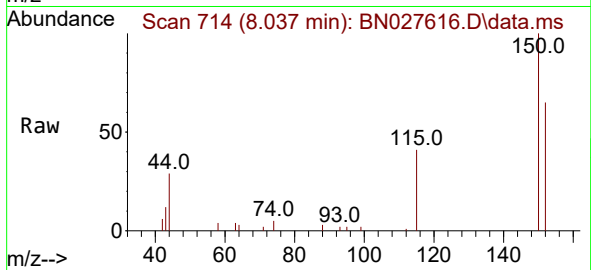
Quant Time: Sep 13 06:02:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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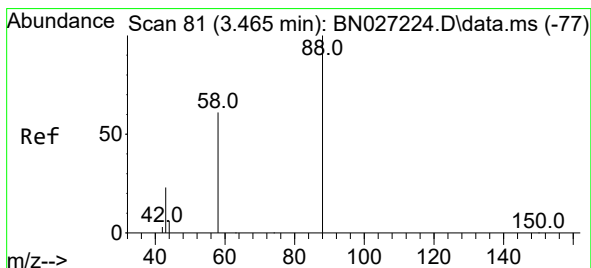
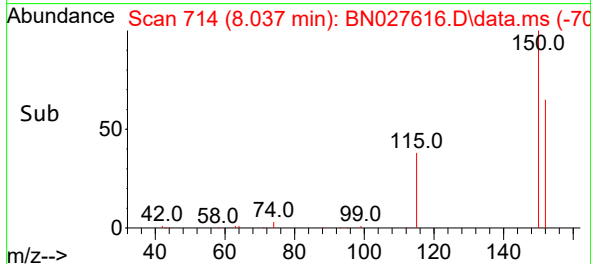
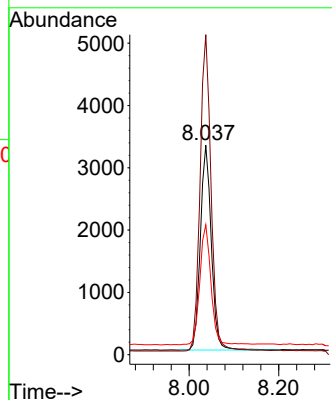


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.037 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN027616.D
Acq: 12 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :
MW-10B-42.5-090123-3V

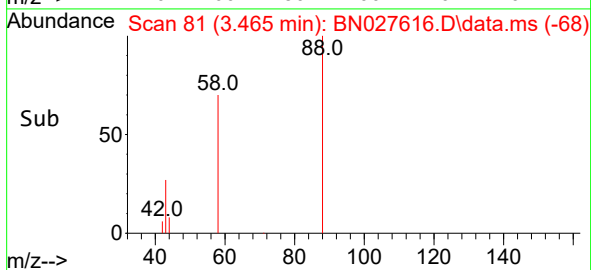
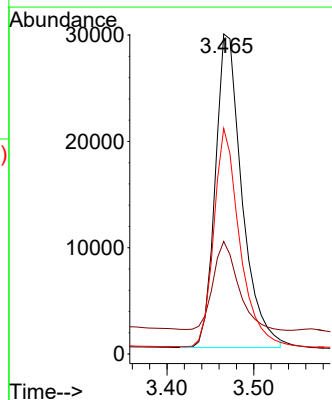
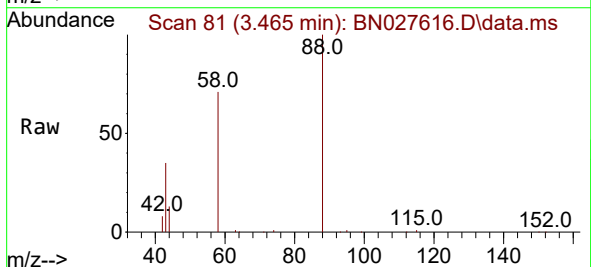


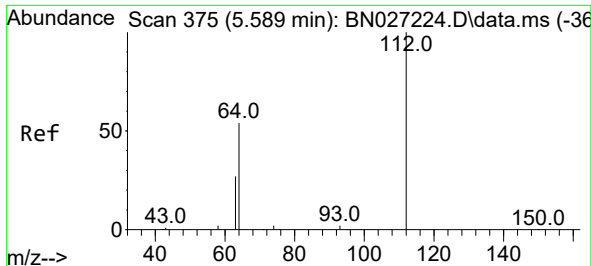
Tgt Ion:152 Resp: 5626
Ion Ratio Lower Upper
152 100
150 152.8 122.7 184.1
115 62.0 48.6 73.0



#2
1,4-Dioxane
Concen: 9.176 ng
RT: 3.465 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027616.D
Acq: 12 Sep 2023 18:50

Tgt Ion: 88 Resp: 63019
Ion Ratio Lower Upper
88 100
43 26.6 19.1 28.7
58 67.0 52.2 78.2

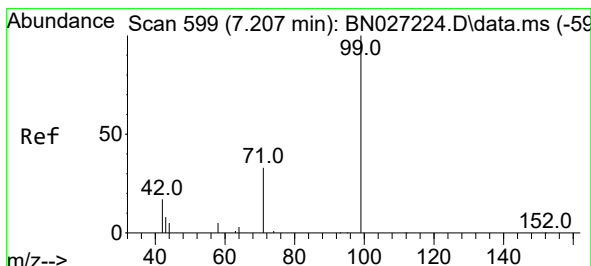
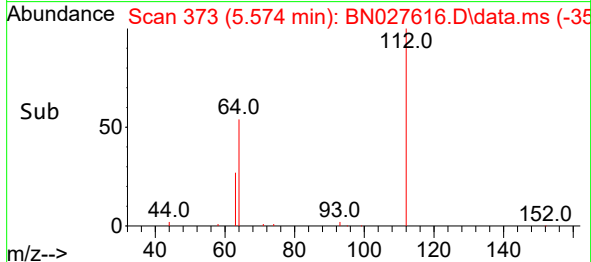
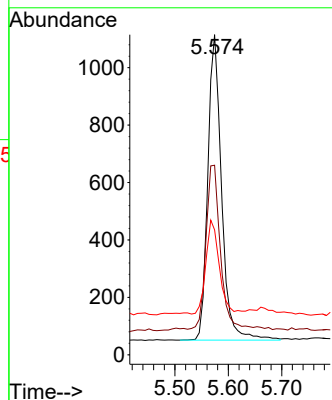
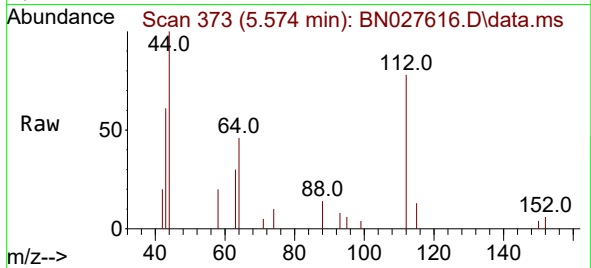




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.574 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027616.D
Acq: 12 Sep 2023 18:50

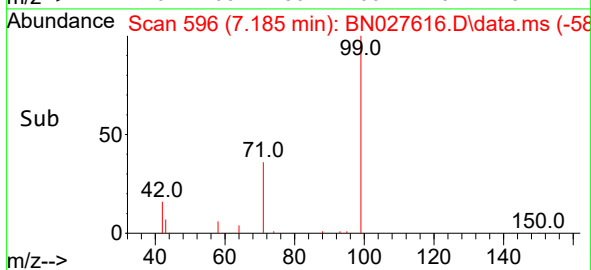
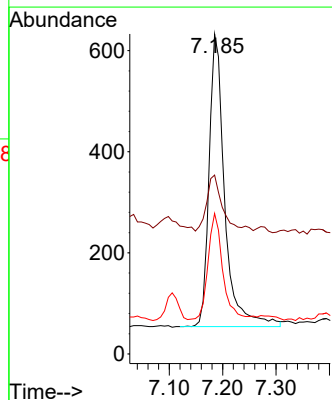
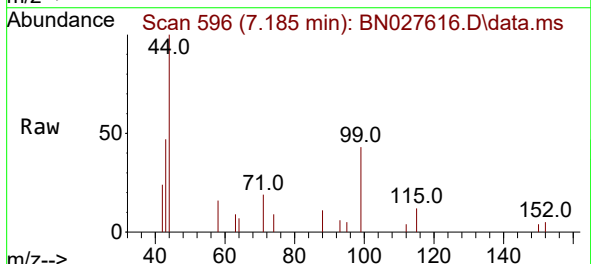
Instrument :
BNA_N
ClientSampleId :
MW-10B-42.5-090123-3V

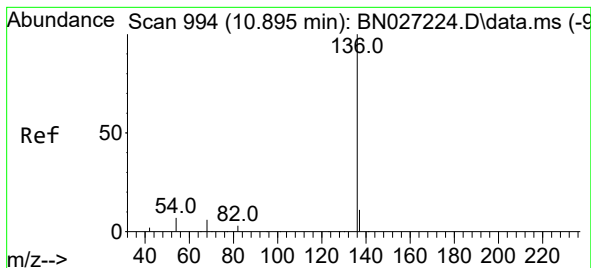
Tgt Ion:	112	Resp:	1915
Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.4	66.6
63	30.0	23.1	34.7



#5
Phenol-d6
Concen: 0.066 ng
RT: 7.185 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN027616.D
Acq: 12 Sep 2023 18:50

Tgt Ion:	99	Resp:	1179
Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	33.9	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: BN027616.D

Acq: 12 Sep 2023 18:50

Instrument :

BNA_N

ClientSampleId :

MW-10B-42.5-090123-3V

Tgt Ion:136 Resp: 14524

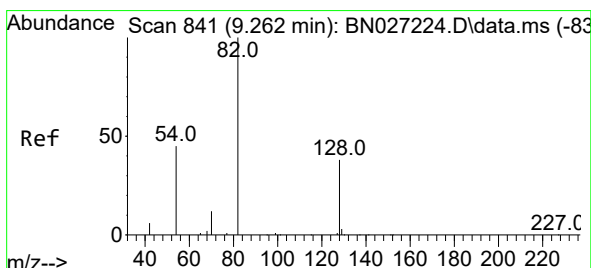
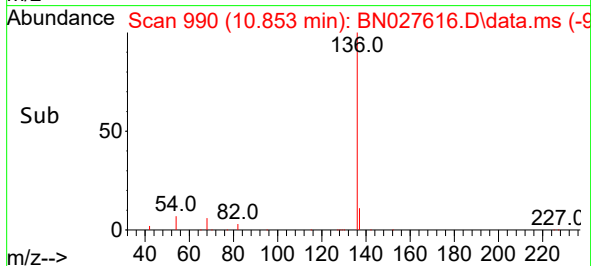
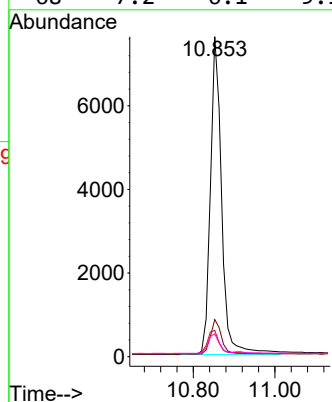
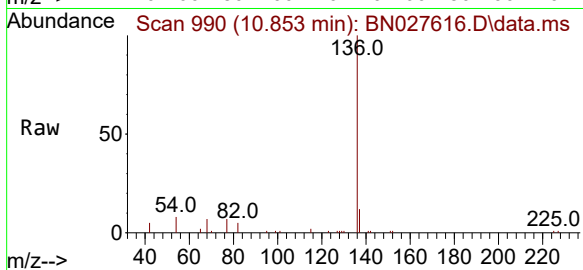
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 8.2 6.7 10.1

68 7.2 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.398 ng

RT: 9.230 min Scan# 838

Delta R.T. -0.000 min

Lab File: BN027616.D

Acq: 12 Sep 2023 18:50

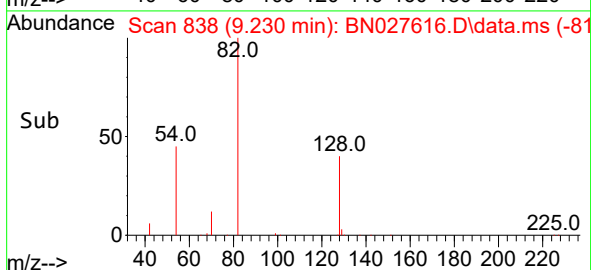
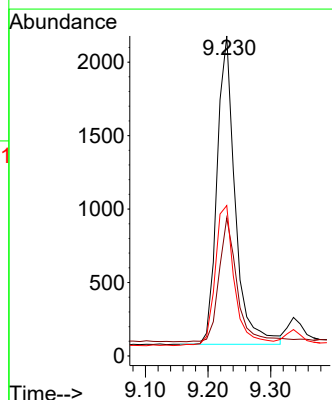
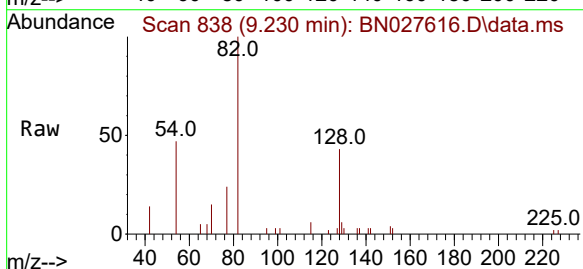
Tgt Ion: 82 Resp: 4218

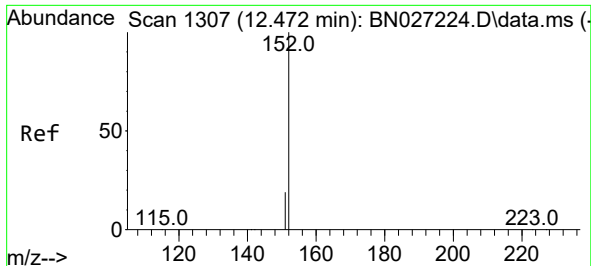
Ion Ratio Lower Upper

82 100

128 43.2 33.4 50.0

54 47.0 37.7 56.5





#11

2-Methylnaphthalene-d10

Concen: 0.297 ng

RT: 12.430 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN027616.D

Acq: 12 Sep 2023 18:50

Instrument :

BNA_N

ClientSampleId :

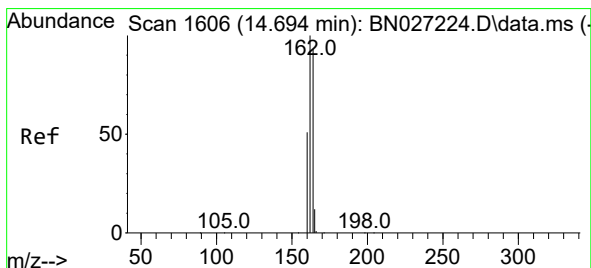
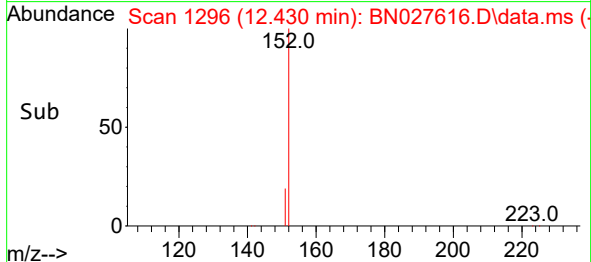
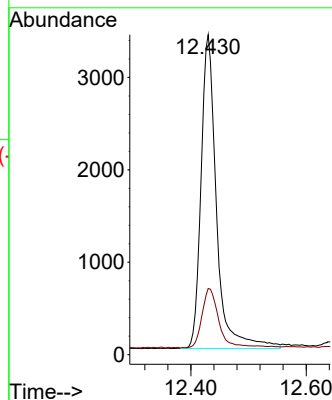
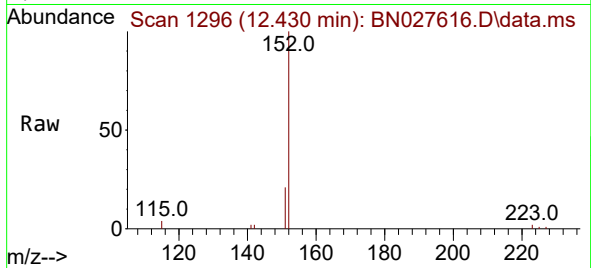
MW-10B-42.5-090123-3V

Tgt Ion:152 Resp: 6331

Ion Ratio Lower Upper

152 100

151 20.1 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: BN027616.D

Acq: 12 Sep 2023 18:50

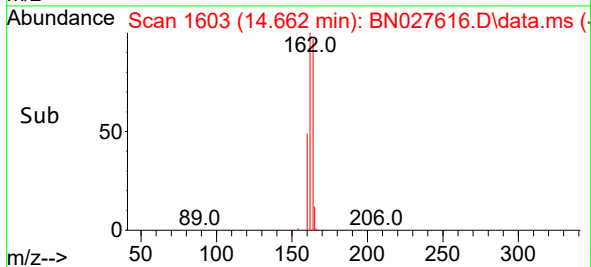
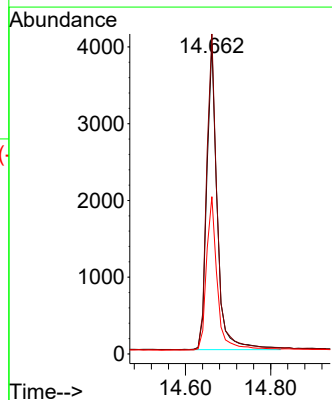
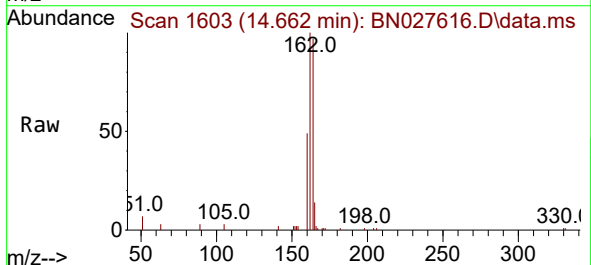
Tgt Ion:164 Resp: 6763

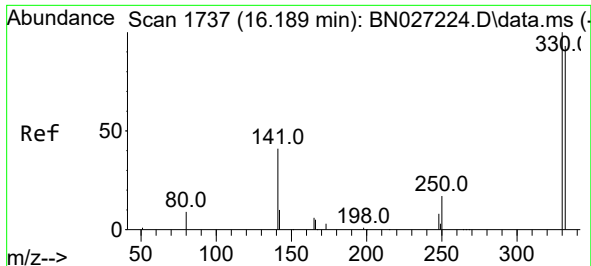
Ion Ratio Lower Upper

164 100

162 103.2 85.8 128.8

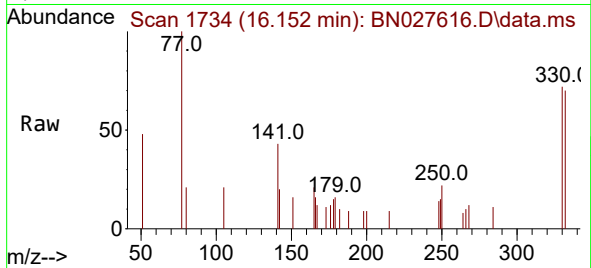
160 50.7 44.2 66.2



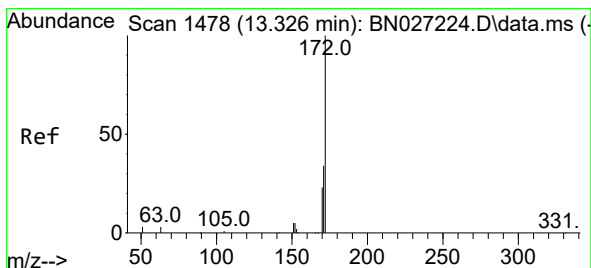
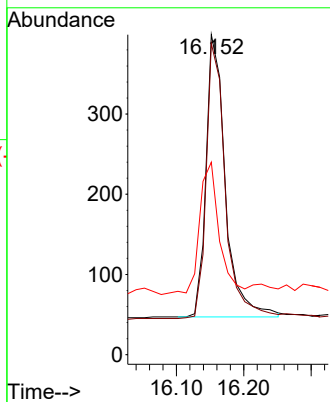
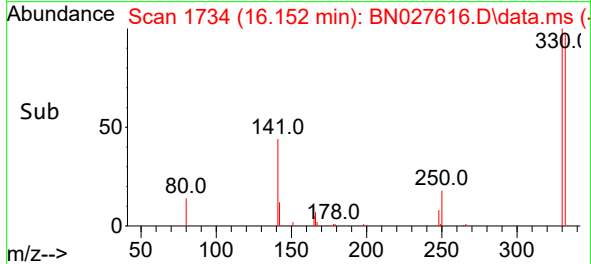


#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 16.152 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027616.D
Acq: 12 Sep 2023 18:50

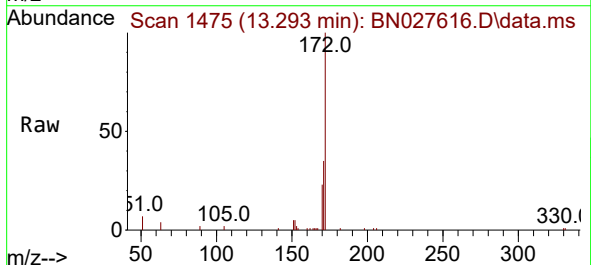
Instrument :
BNA_N
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MW-10B-42.5-090123-3V



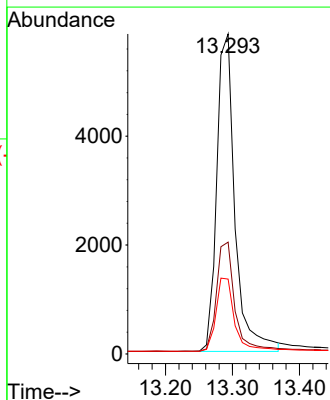
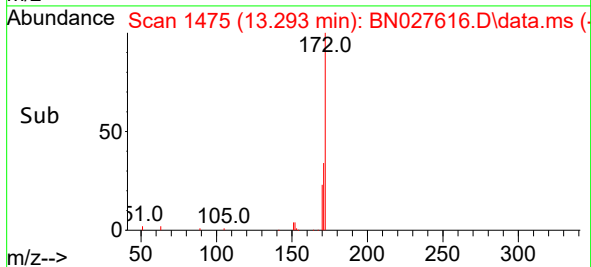
Tgt Ion:330 Resp: 705
Ion Ratio Lower Upper
330 100
332 97.0 75.2 112.8
141 47.8 36.2 54.4

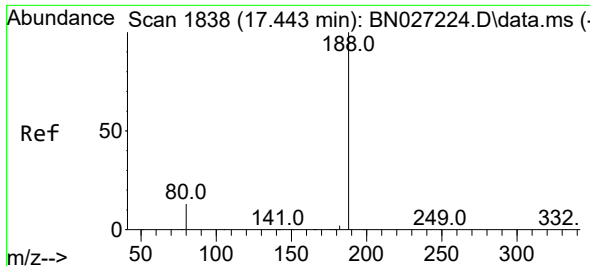


#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 13.293 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN027616.D
Acq: 12 Sep 2023 18:50



Tgt Ion:172 Resp: 11025
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.4 19.3 28.9

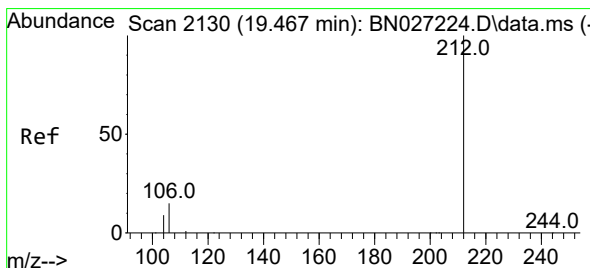
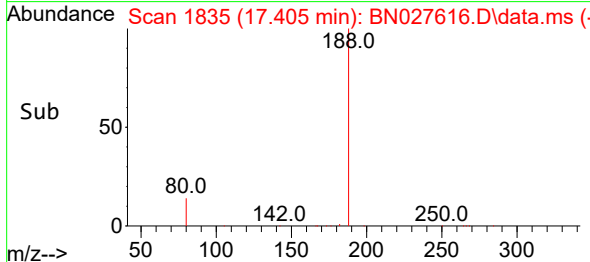
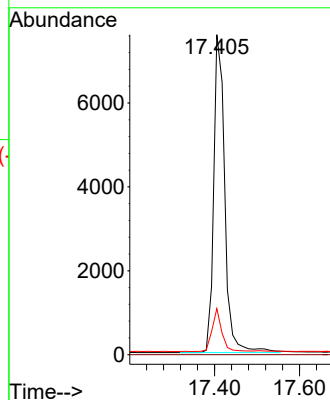
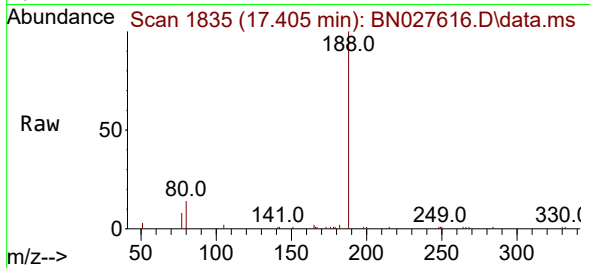




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027616.D
Acq: 12 Sep 2023 18:50

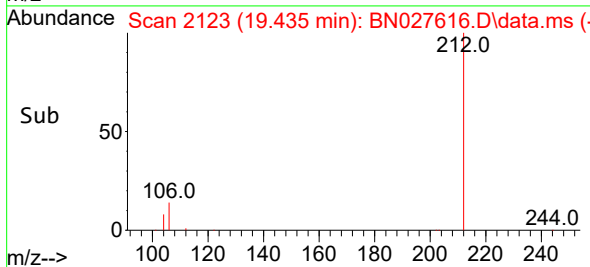
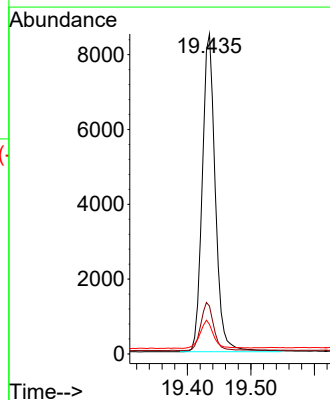
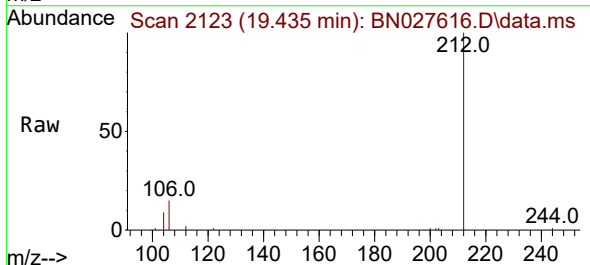
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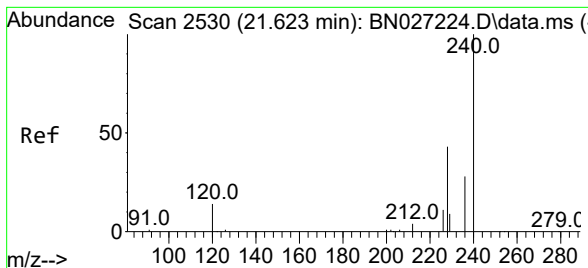
Tgt Ion:188 Resp: 13707
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.435 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN027616.D
Acq: 12 Sep 2023 18:50

Tgt Ion:212 Resp: 12147
Ion Ratio Lower Upper
212 100
106 14.9 12.1 18.1
104 9.2 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: BN027616.D

Acq: 12 Sep 2023 18:50

Instrument :

BNA_N

ClientSampleId :

MW-10B-42.5-090123-3V

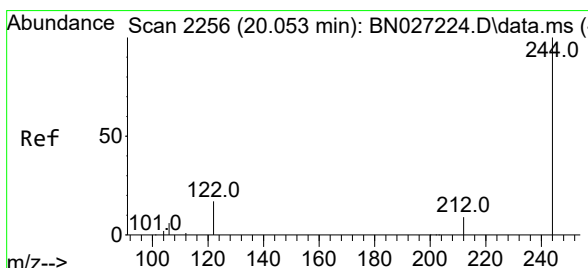
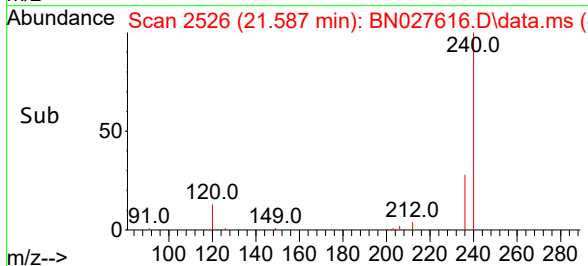
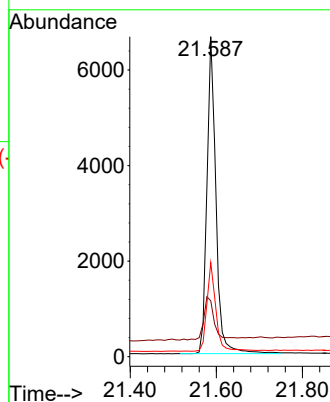
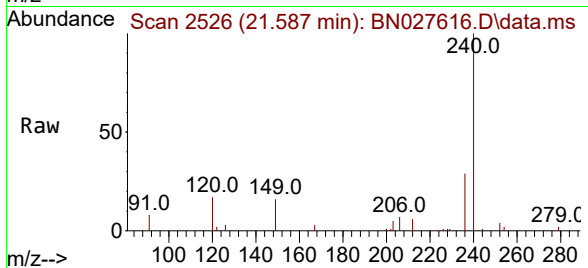
Tgt Ion:240 Resp: 9678

Ion Ratio Lower Upper

240 100

120 17.5 14.2 21.4

236 29.4 22.9 34.3



#31

Terphenyl-d14

Concen: 0.555 ng

RT: 20.015 min Scan# 2248

Delta R.T. -0.005 min

Lab File: BN027616.D

Acq: 12 Sep 2023 18:50

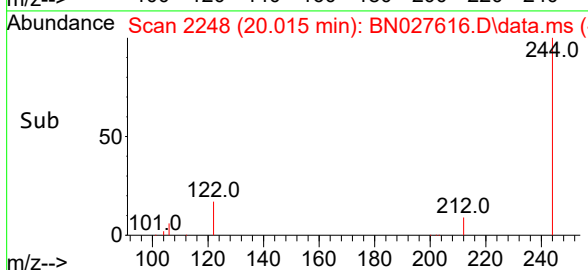
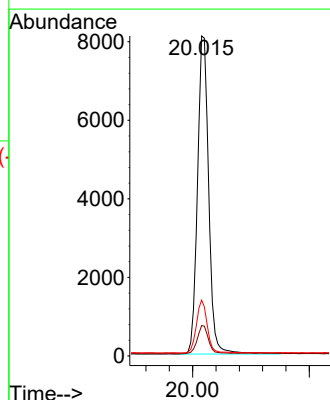
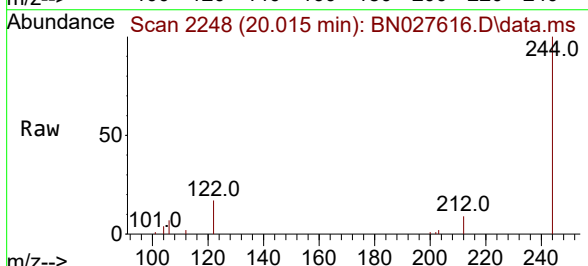
Tgt Ion:244 Resp: 10790

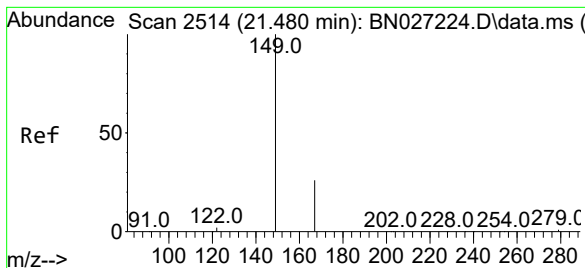
Ion Ratio Lower Upper

244 100

212 9.5 7.5 11.3

122 17.4 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.144 ng

RT: 21.444 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BN027616.D

Acq: 12 Sep 2023 18:50

Instrument :

BNA_N

ClientSampleId :

MW-10B-42.5-090123-3V

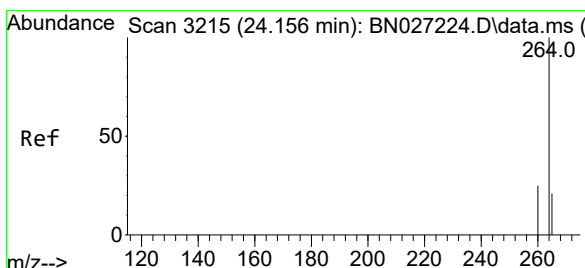
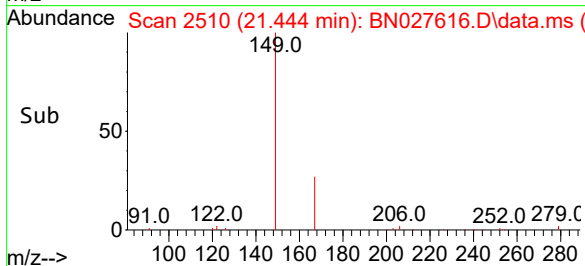
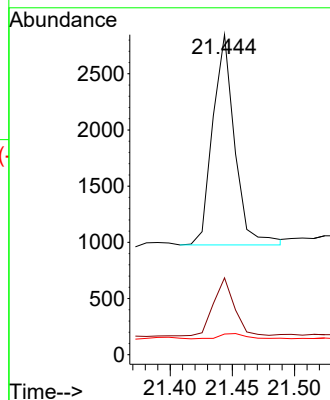
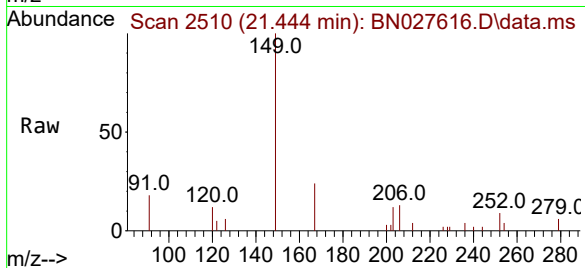
Tgt Ion:149 Resp: 2299

Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 3.5 2.7 4.1



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.095 min Scan# 3194

Delta R.T. -0.000 min

Lab File: BN027616.D

Acq: 12 Sep 2023 18:50

Tgt Ion:264 Resp: 8889

Ion Ratio Lower Upper

264 100

260 25.7 20.7 31.1

265 94.0 53.3 79.9#

