

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027634.D
 Acq On : 13 Sep 2023 07:13
 Operator : MA/JU
 Sample : 04327-01
 Misc :
 ALS Vial : 137 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10A-9.5

Quant Time: Sep 13 07:50:22 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

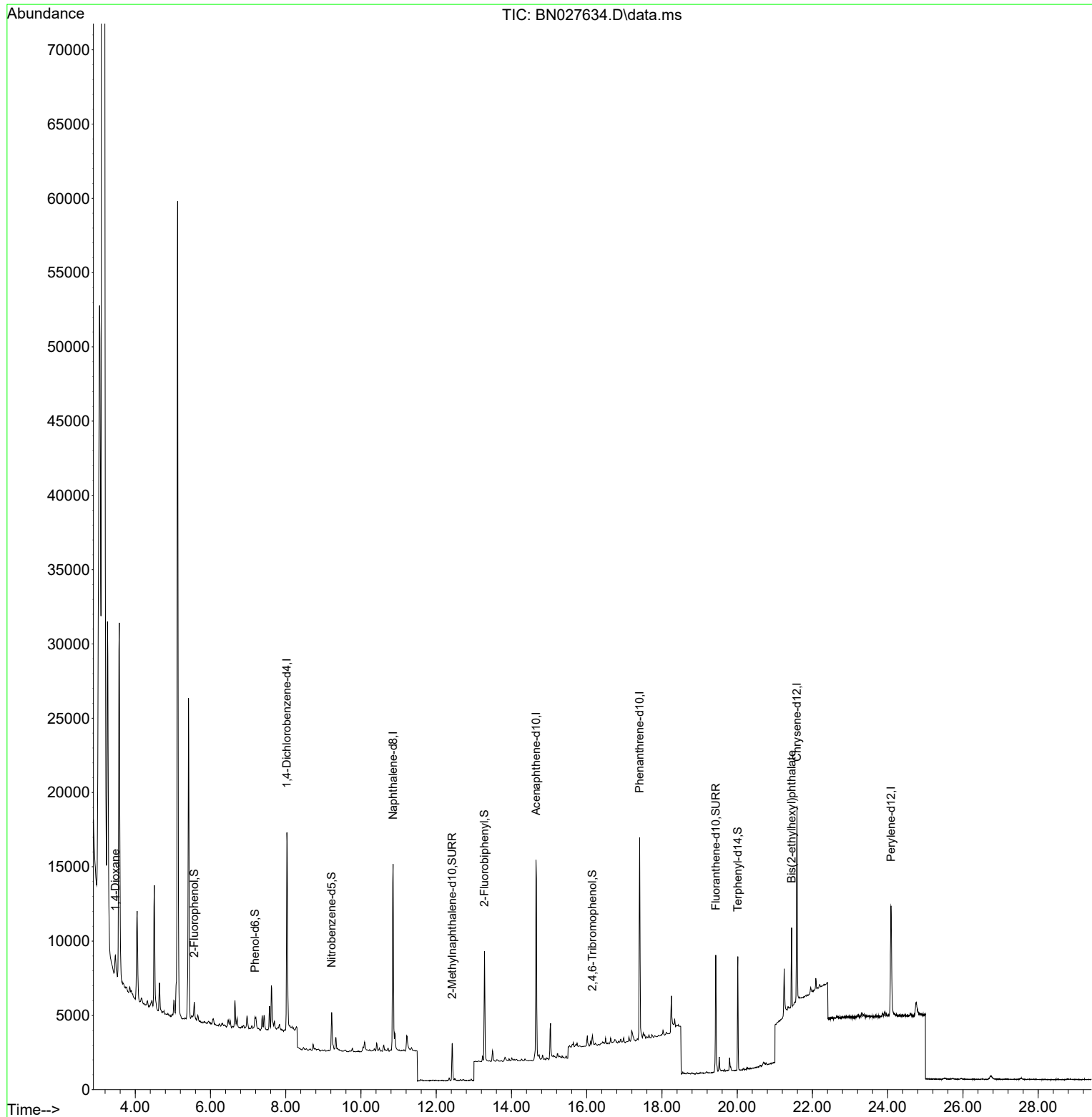
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6762	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	18193	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	8586	0.400	ng	-0.01
19) Phenanthrene-d10	17.405	188	17552	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	12827	0.400	ng	0.00
35) Perylene-d12	24.086	264	11858	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	1077	0.061	ng	0.00
5) Phenol-d6	7.185	99	743	0.035	ng	0.00
8) Nitrobenzene-d5	9.219	82	2274	0.171	ng	-0.01
11) 2-Methylnaphthalene-d10	12.423	152	3580	0.134	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	401	0.126	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	6341	0.194	ng	-0.01
27) Fluoranthene-d10	19.430	212	8200	0.188	ng	0.00
31) Terphenyl-d14	20.015	244	7136	0.277	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	1435	0.174	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.444	149	4555	0.215	ng	98

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

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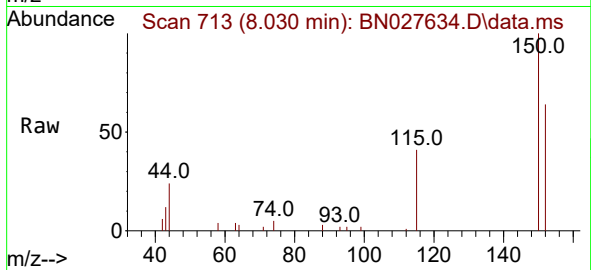
Quant Time: Sep 13 07:50:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration



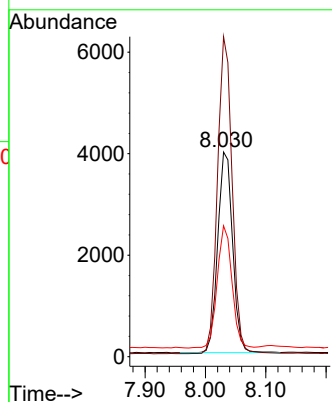
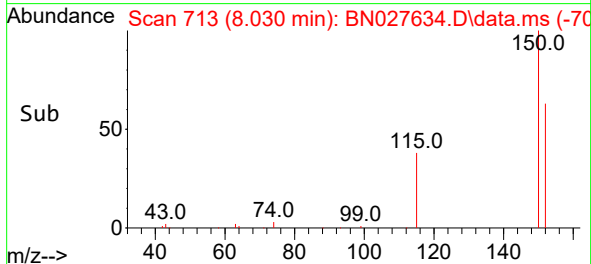


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027634.D
Acq: 13 Sep 2023 07:13

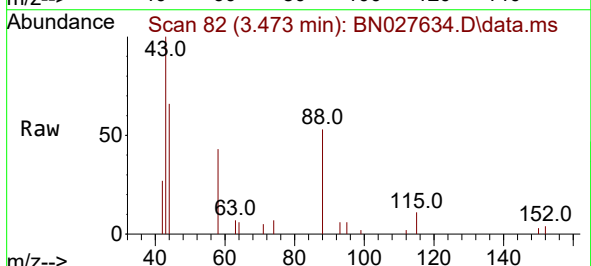
Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5



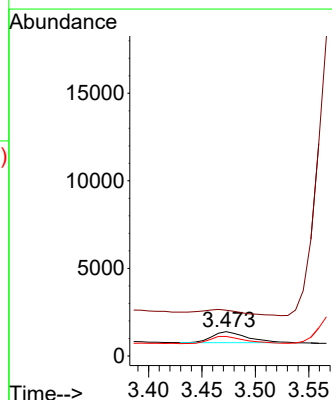
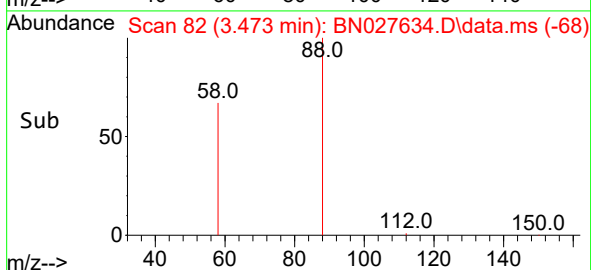
Tgt Ion:152 Resp: 6762
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 64.0 48.6 73.0



#2
1,4-Dioxane
Concen: 0.174 ng
RT: 3.473 min Scan# 82
Delta R.T. -0.000 min
Lab File: BN027634.D
Acq: 13 Sep 2023 07:13



Tgt Ion: 88 Resp: 1435
Ion Ratio Lower Upper
88 100
43 66.1 19.1 28.7#
58 64.9 52.2 78.2





#4

2-Fluorophenol

Concen: 0.061 ng

RT: 5.567 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027634.D

Acq: 13 Sep 2023 07:13

Instrument :

BNA_N

ClientSampleId :

MW-10A-9.5

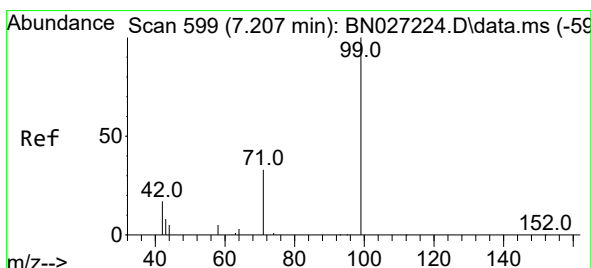
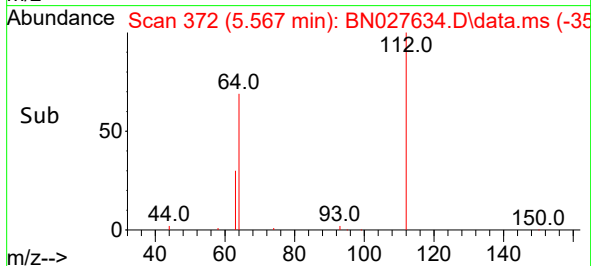
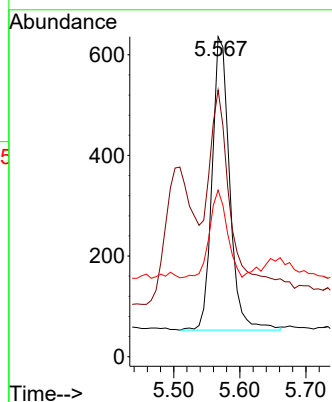
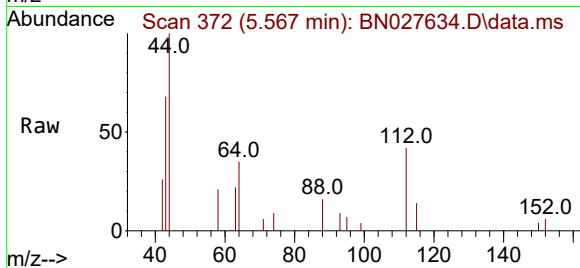
Tgt Ion:112 Resp: 1077

Ion Ratio Lower Upper

112 100

64 82.6 44.4 66.6#

63 29.7 23.1 34.7



#5

Phenol-d6

Concen: 0.035 ng

RT: 7.185 min Scan# 596

Delta R.T. -0.000 min

Lab File: BN027634.D

Acq: 13 Sep 2023 07:13

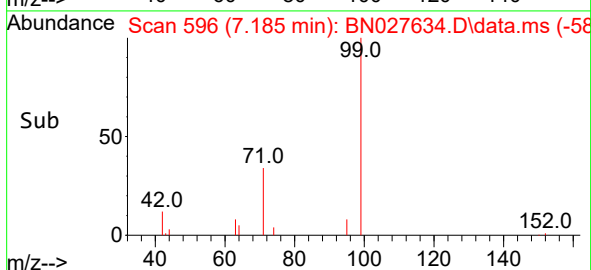
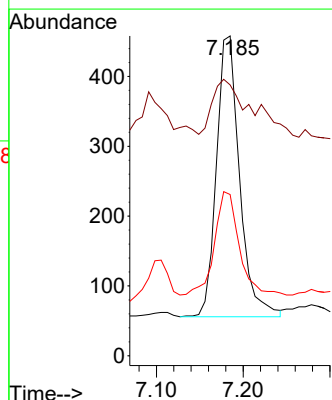
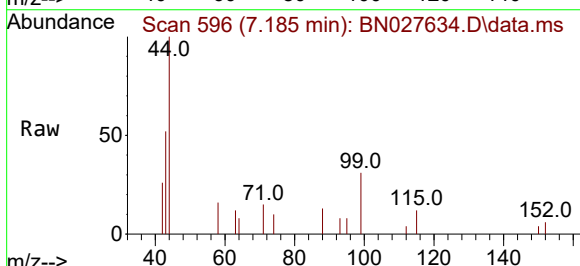
Tgt Ion: 99 Resp: 743

Ion Ratio Lower Upper

99 100

42 35.7 14.5 21.7#

71 39.0 25.8 38.6#

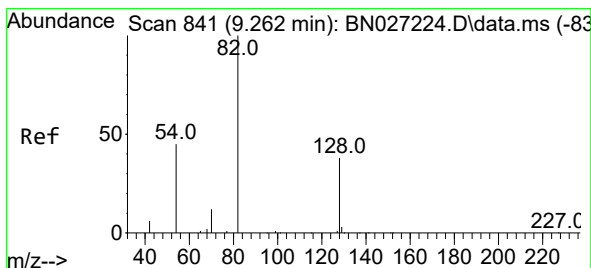
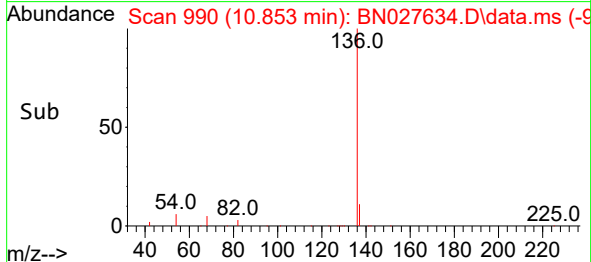
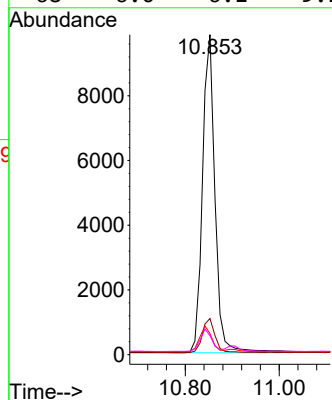
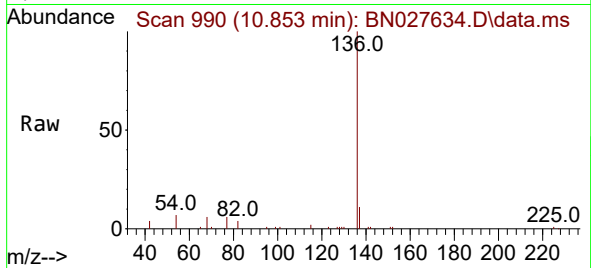




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN027634.D
Acq: 13 Sep 2023 07:13

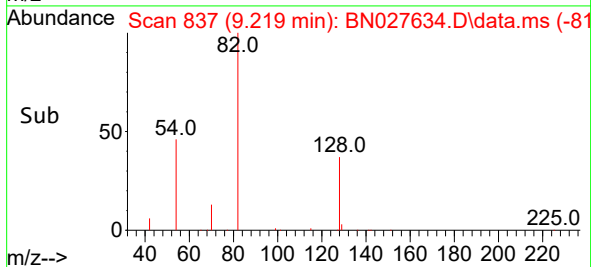
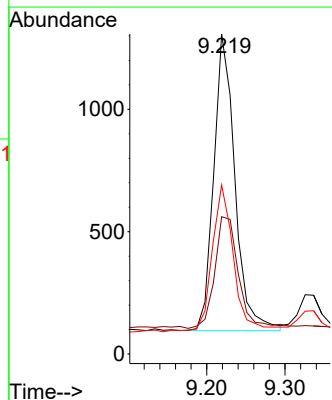
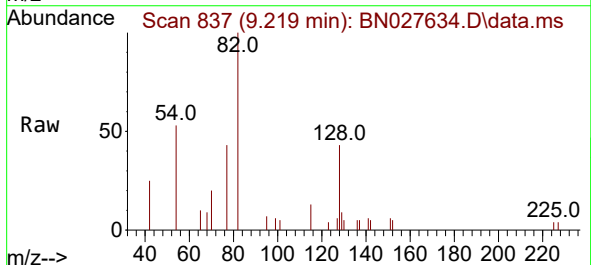
Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5

Tgt Ion:	136	Resp:	18193
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	6.6	6.7	10.1#
68	6.0	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.171 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.011 min
Lab File: BN027634.D
Acq: 13 Sep 2023 07:13

Tgt Ion:	82	Resp:	2274
Ion Ratio	Lower	Upper	
82	100		
128	42.9	33.4	50.0
54	52.8	37.7	56.5

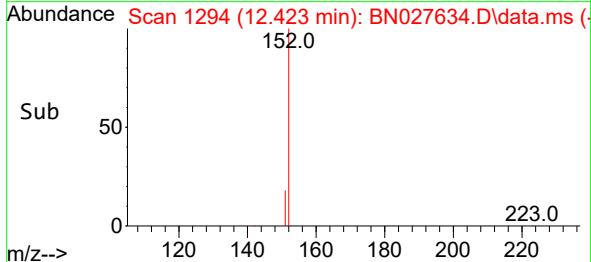
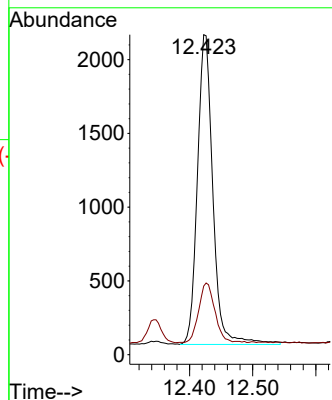
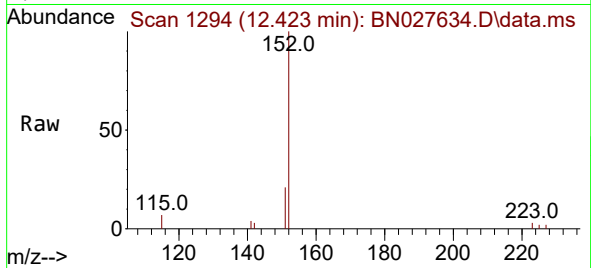




#11
2-Methylnaphthalene-d10
Concen: 0.134 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027634.D
Acq: 13 Sep 2023 07:13

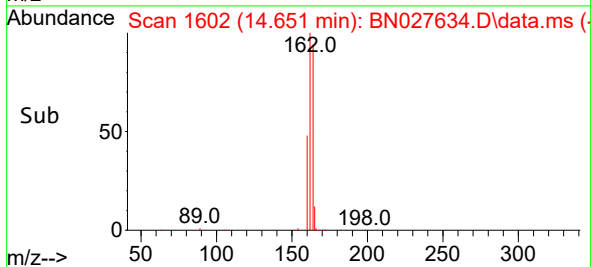
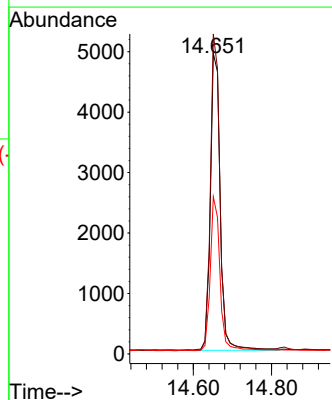
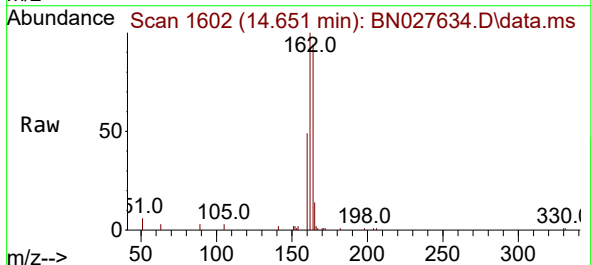
Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5

Tgt Ion:152 Resp: 3580
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1602
Delta R.T. -0.011 min
Lab File: BN027634.D
Acq: 13 Sep 2023 07:13

Tgt Ion:164 Resp: 8586
Ion Ratio Lower Upper
164 100
162 106.4 85.8 128.8
160 52.3 44.2 66.2

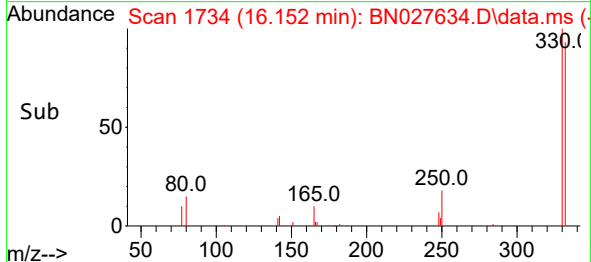
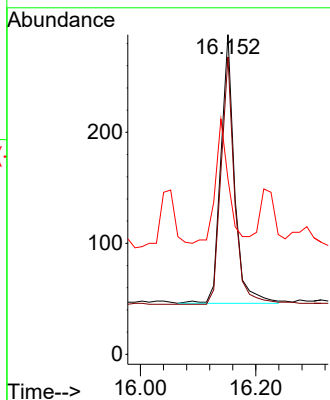
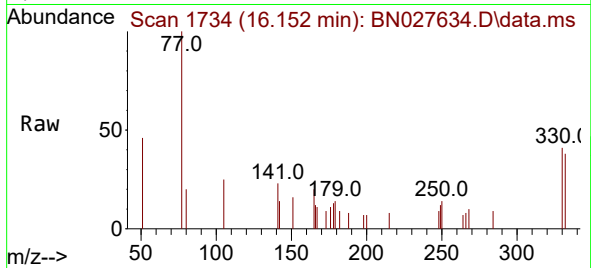




#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 16.152 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027634.D
Acq: 13 Sep 2023 07:13

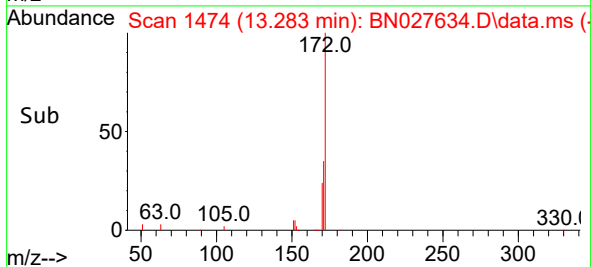
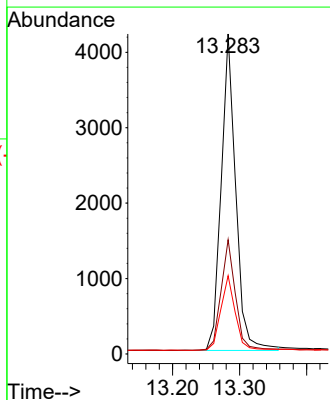
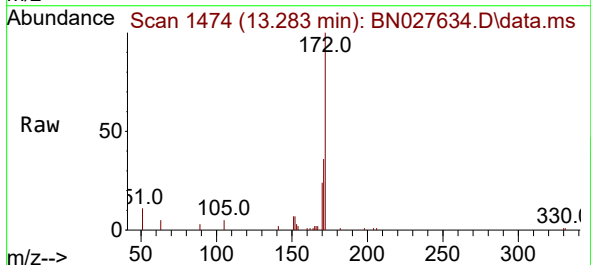
Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5

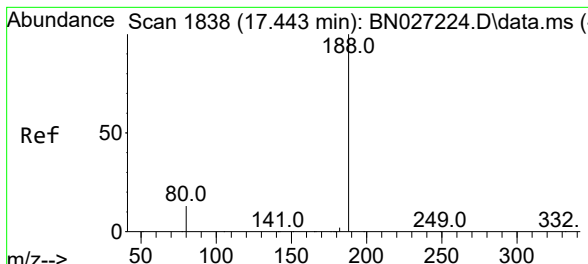
Tgt Ion:330 Resp: 401
Ion Ratio Lower Upper
330 100
332 91.0 75.2 112.8
141 43.4 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.194 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027634.D
Acq: 13 Sep 2023 07:13

Tgt Ion:172 Resp: 6341
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.8
170 24.5 19.3 28.9

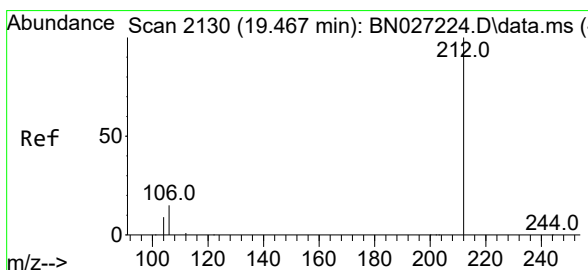
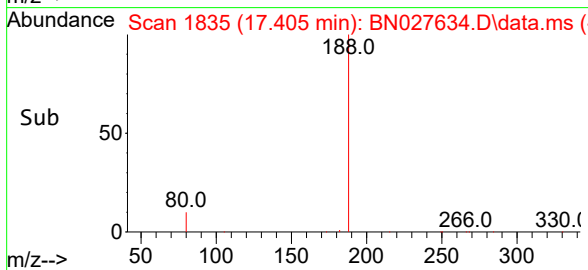
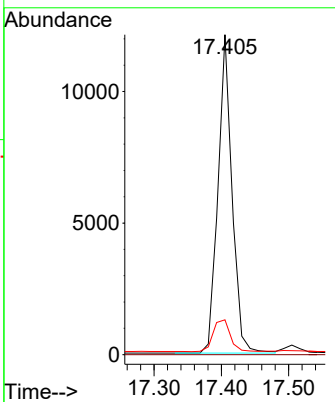
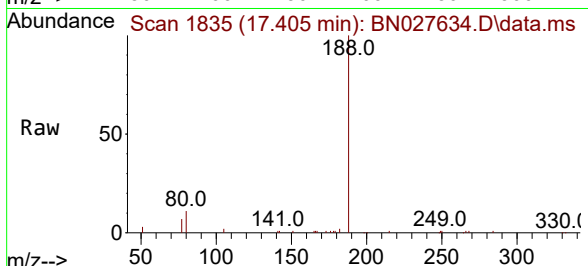




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.405 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN027634.D
 Acq: 13 Sep 2023 07:13

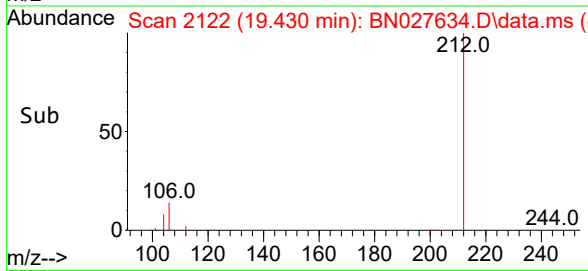
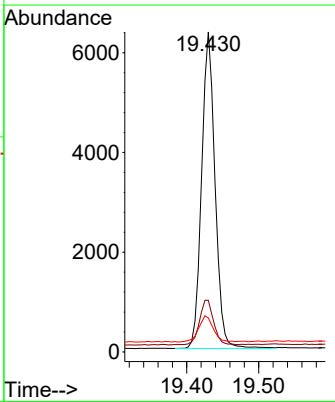
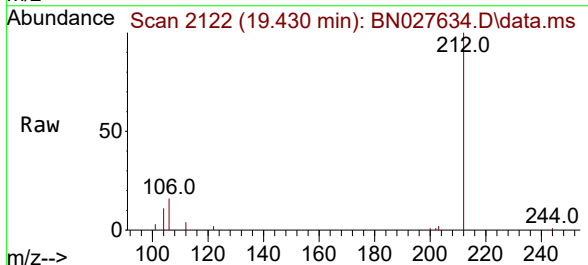
Instrument :
 BNA_N
 ClientSampleId :
 MW-10A-9.5

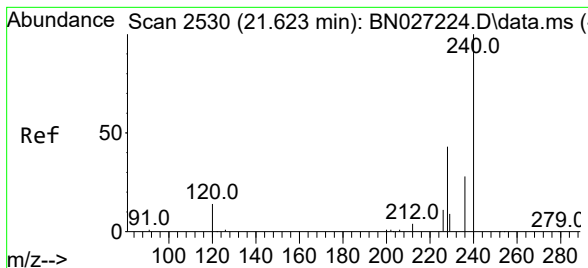
Tgt Ion:188	Resp:	17552
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.9	11.0



#27
 Fluoranthene-d10
 Concen: 0.188 ng
 RT: 19.430 min Scan# 2122
 Delta R.T. -0.005 min
 Lab File: BN027634.D
 Acq: 13 Sep 2023 07:13

Tgt Ion:212	Resp:	8200
Ion Ratio	Lower	Upper
212	100	
106	14.8	12.1
104	8.9	6.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027634.D

Acq: 13 Sep 2023 07:13

Instrument :

BNA_N

ClientSampleId :

MW-10A-9.5

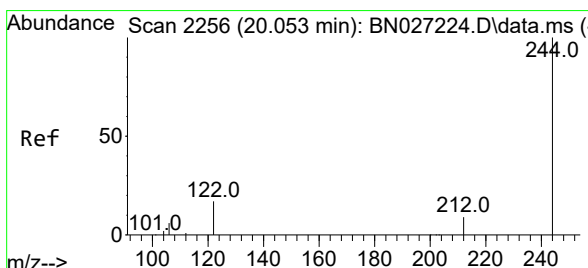
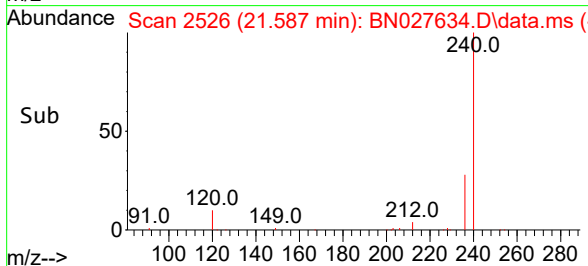
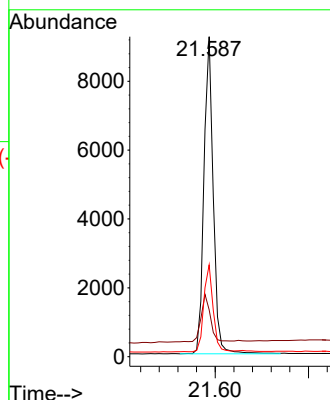
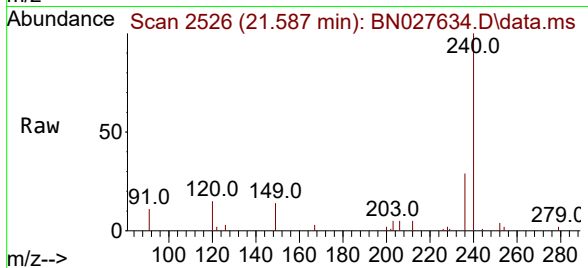
Tgt Ion:240 Resp: 12827

Ion Ratio Lower Upper

240 100

120 14.7 14.2 21.4

236 28.7 22.9 34.3



#31

Terphenyl-d14

Concen: 0.277 ng

RT: 20.015 min Scan# 2248

Delta R.T. -0.005 min

Lab File: BN027634.D

Acq: 13 Sep 2023 07:13

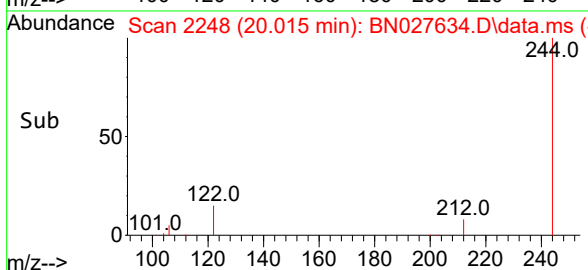
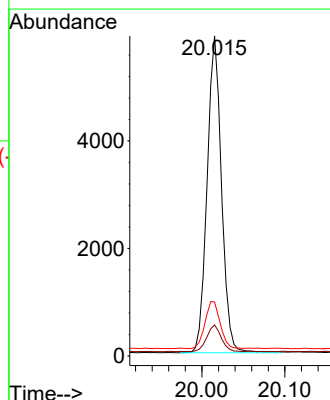
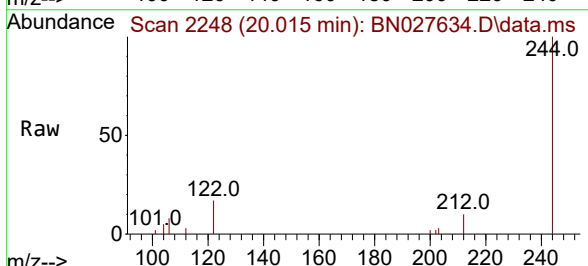
Tgt Ion:244 Resp: 7136

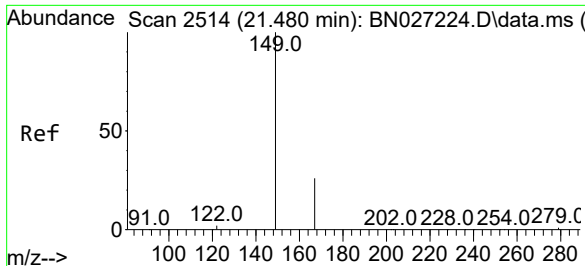
Ion Ratio Lower Upper

244 100

212 9.7 7.5 11.3

122 16.8 14.0 21.0

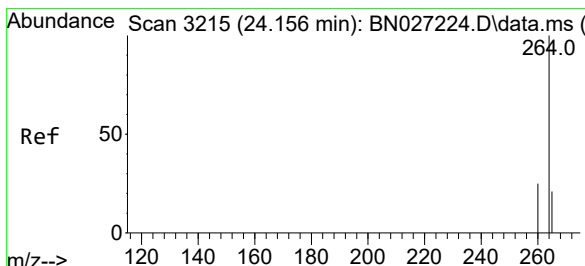
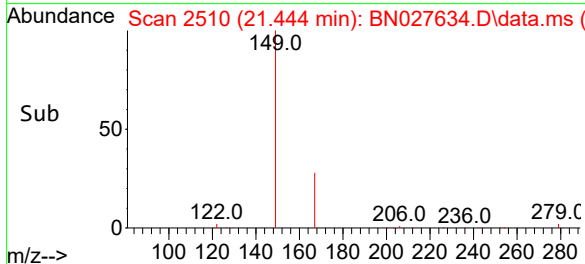
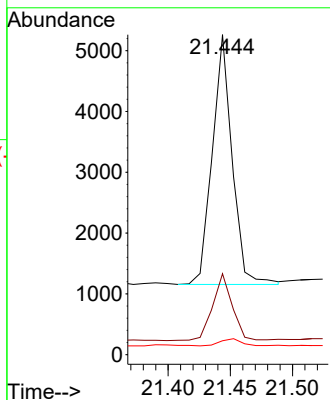
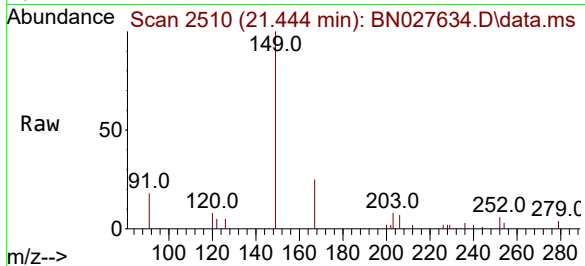




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.215 ng
 RT: 21.444 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: BN027634.D
 Acq: 13 Sep 2023 07:13

Instrument :
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 MW-10A-9.5

Tgt Ion:	149	Resp:	4555
Ion Ratio	Lower	Upper	
149	100		
167	26.5	22.1	33.1
279	2.9	2.7	4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.086 min Scan# 3191
 Delta R.T. -0.009 min
 Lab File: BN027634.D
 Acq: 13 Sep 2023 07:13

Tgt Ion:	264	Resp:	11858
Ion Ratio	Lower	Upper	
264	100		
260	26.6	20.7	31.1
265	76.6	53.3	79.9

