

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
 Data File : BN031430.D
 Acq On : 07 May 2024 20:06
 Operator : MA/JU
 Sample : P2394-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-72-050324

Quant Time: May 08 00:03:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 17:14:43 2024
 Response via : Initial Calibration

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

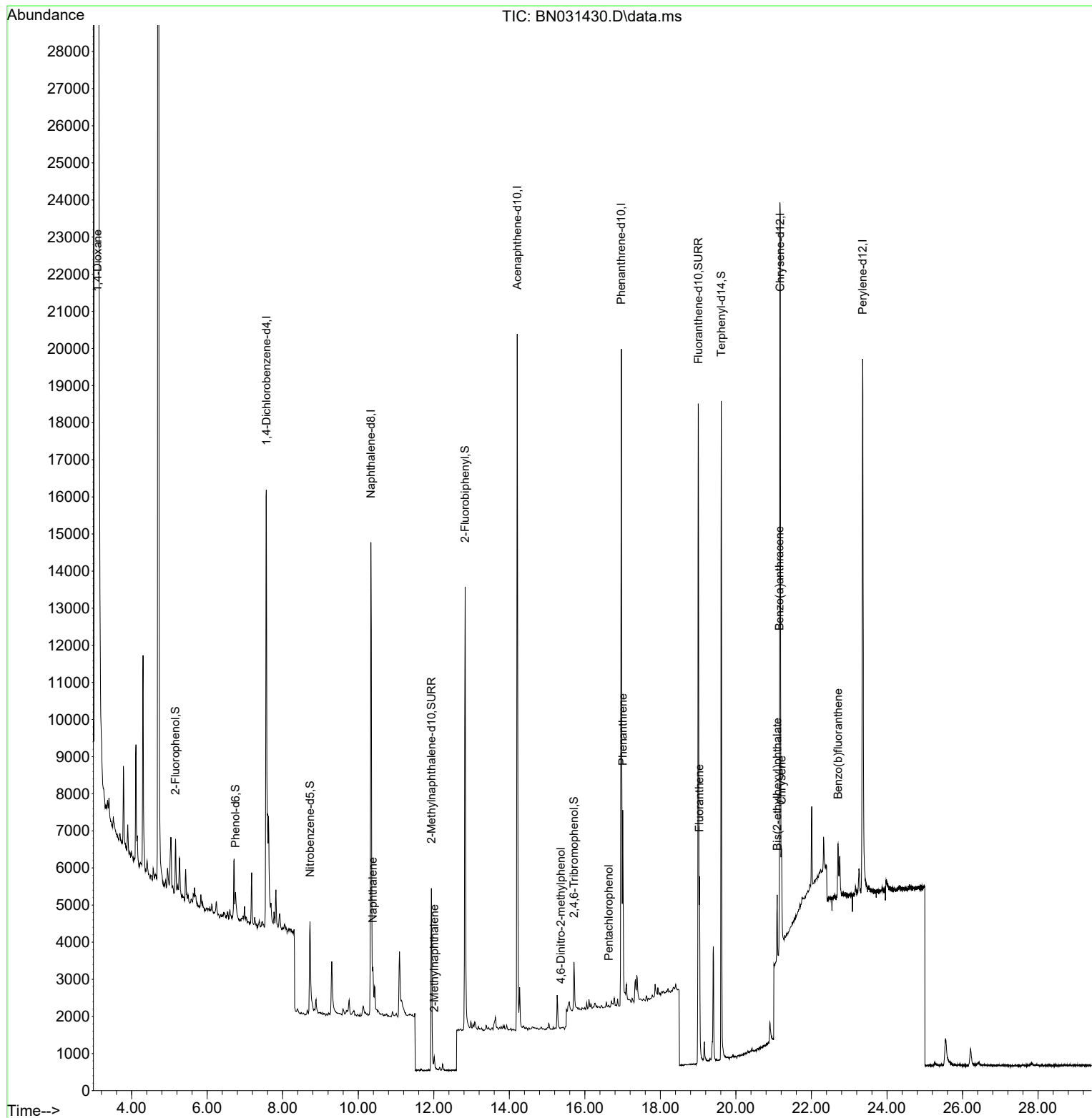
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	6294	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	18712	0.400	ng	0.00
13) Acenaphthene-d10	14.210	164	10837	0.400	ng	0.00
19) Phenanthrene-d10	16.967	188	24833	0.400	ng	0.00
29) Chrysene-d12	21.175	240	21035	0.400	ng	0.00
35) Perylene-d12	23.355	264	20253	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	1329	0.090	ng	0.00
5) Phenol-d6	6.750	99	917	0.052	ng	0.00
8) Nitrobenzene-d5	8.723	82	2825	0.172	ng	0.01
11) 2-Methylnaphthalene-d10	11.937	152	7542	0.392	ng	0.00
14) 2,4,6-Tribromophenol	15.713	330	814	0.156	ng	0.00
15) 2-Fluorobiphenyl	12.831	172	11430	0.285	ng	0.00
27) Fluoranthene-d10	19.007	212	20881	0.311	ng	0.00
31) Terphenyl-d14	19.611	244	17473	0.327	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.096	88	52615	7.004	ng	# 92
9) Naphthalene	10.389	128	1281	0.024	ng	# 84
12) 2-Methylnaphthalene	12.013	142	237	0.177	ng	# 82
20) 4,6-Dinitro-2-methylph...	15.365	198	5	0.024	ng	# 1
24) Pentachlorophenol	16.631	266	32	0.167	ng	# 20
25) Phenanthrene	17.004	178	5153	0.072	ng	99
28) Fluoranthene	19.035	202	4125	0.047	ng	98
30) Pyrene	19.402	202	2954	Below Cal		98
32) Benzo(a)anthracene	21.157	228	1626	0.022	ng	# 89
33) Chrysene	21.211	228	1981	0.026	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.095	149	1864	0.049	ng	# 90
37) Benzo(b)fluoranthene	22.706	252	1833	0.023	ng	# 17

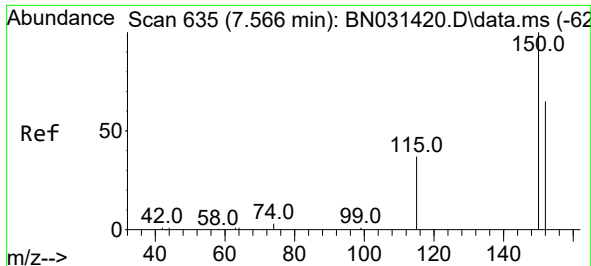
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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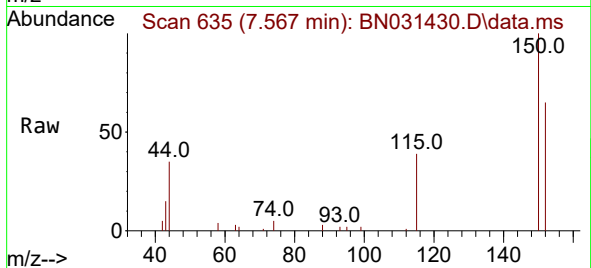
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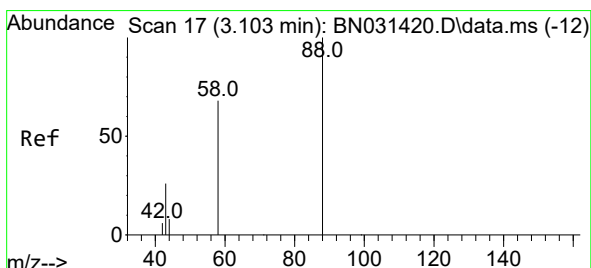
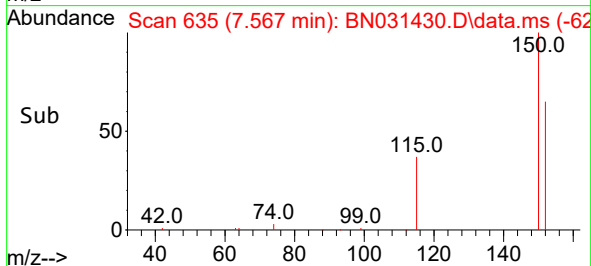
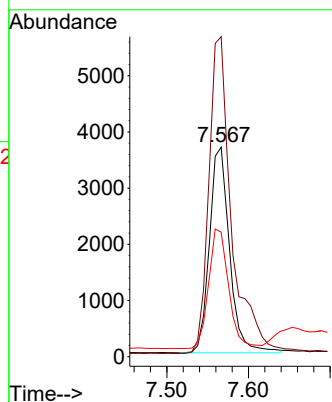
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.567 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN031430.D
 Acq: 07 May 2024 20:06

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-72-050324



Tgt Ion:152 Resp: 6294

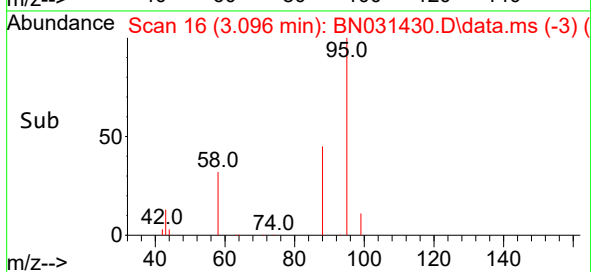
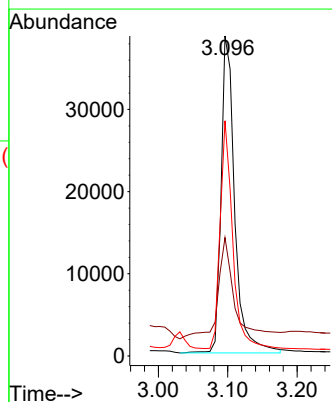
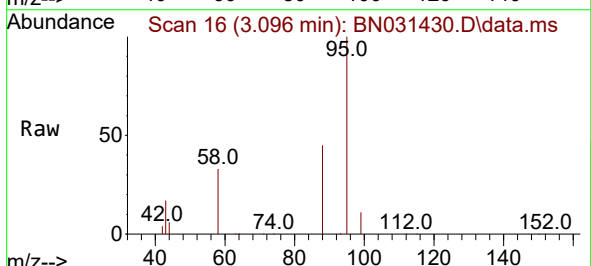
Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.2	183.2
115	59.4	47.8	71.6

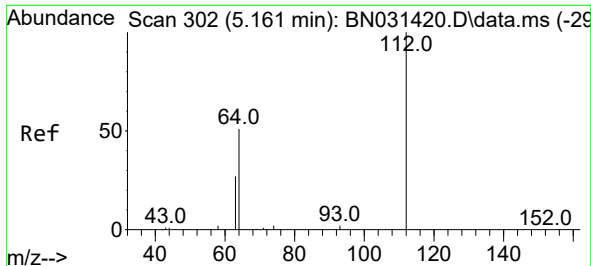


#2
 1,4-Dioxane
 Concen: 7.004 ng
 RT: 3.096 min Scan# 16
 Delta R.T. -0.007 min
 Lab File: BN031430.D
 Acq: 07 May 2024 20:06

Tgt Ion: 88 Resp: 52615

Ion	Ratio	Lower	Upper
88	100		
43	39.7	23.8	35.8#
58	65.7	54.6	81.8

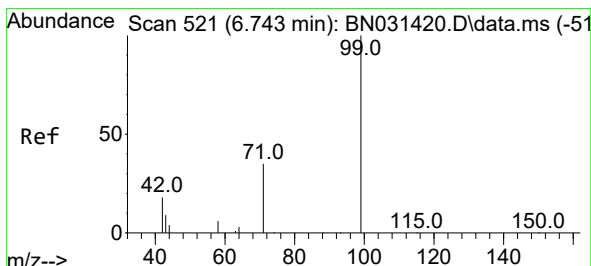
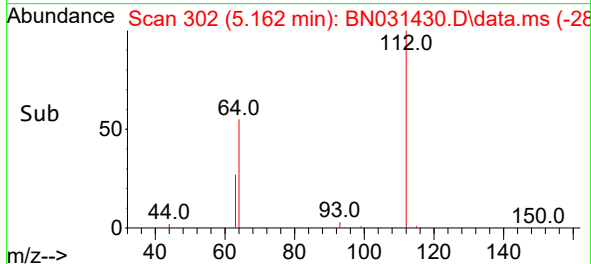
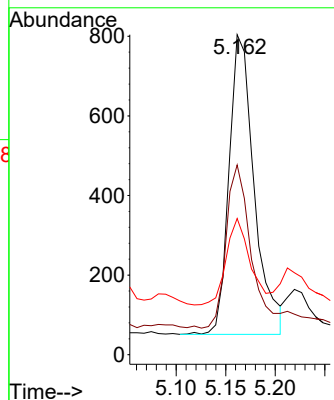
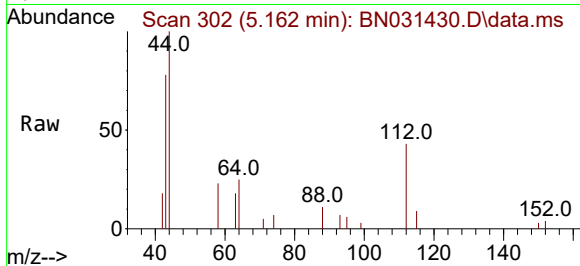




#4
2-Fluorophenol
Concen: 0.090 ng
RT: 5.162 min Scan# 302
Delta R.T. 0.000 min
Lab File: BN031430.D
Acq: 07 May 2024 20:06

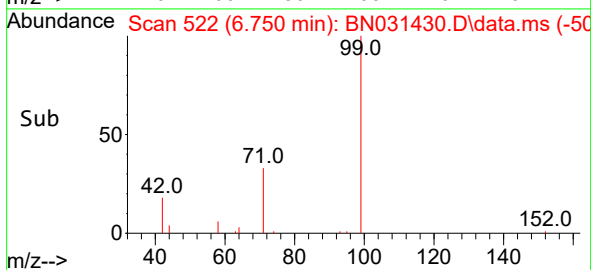
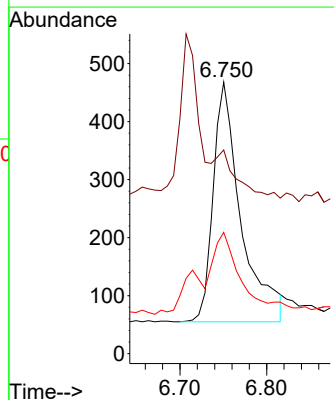
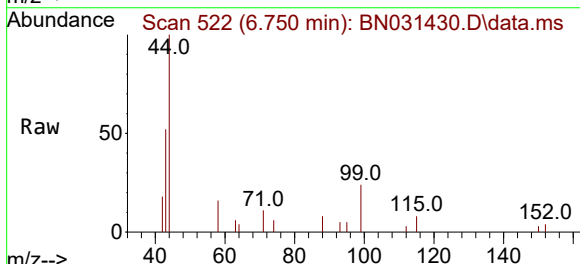
Instrument :
BNA_N
ClientSampleId :
MW-17B-72-050324

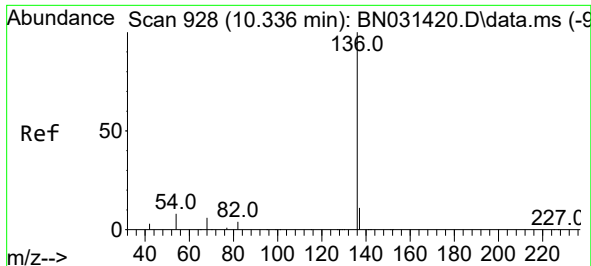
Tgt Ion:	112	Resp:	1329
Ion	Ratio	Lower	Upper
112	100		
64	57.3	42.4	63.6
63	27.1	22.6	34.0



#5
Phenol-d6
Concen: 0.052 ng
RT: 6.750 min Scan# 522
Delta R.T. 0.007 min
Lab File: BN031430.D
Acq: 07 May 2024 20:06

Tgt Ion:	99	Resp:	917
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.8#
71	26.0	27.8	41.6#

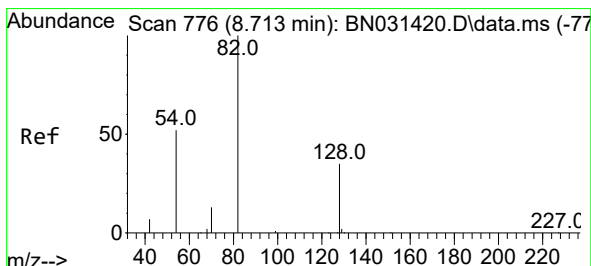
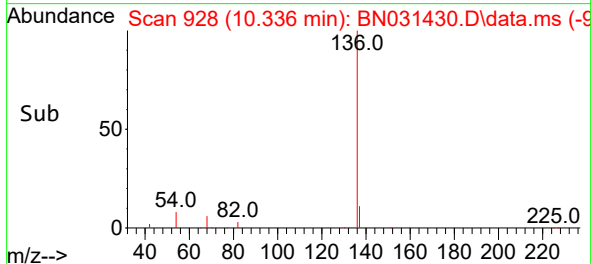
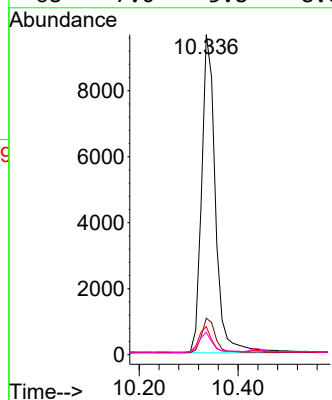
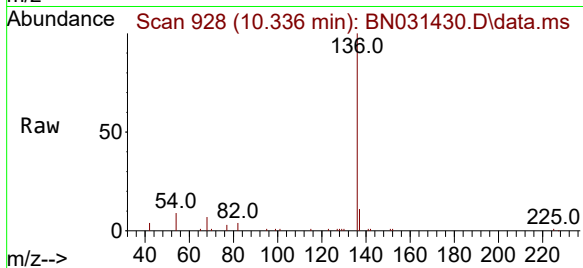




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031430.D
Acq: 07 May 2024 20:06

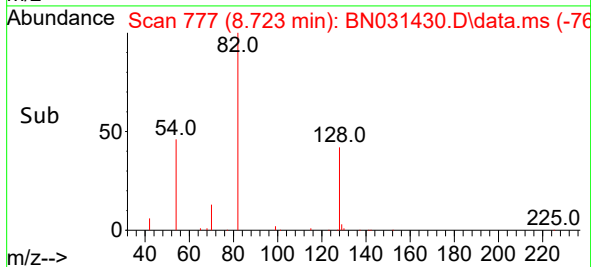
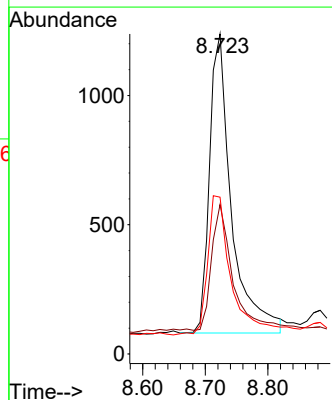
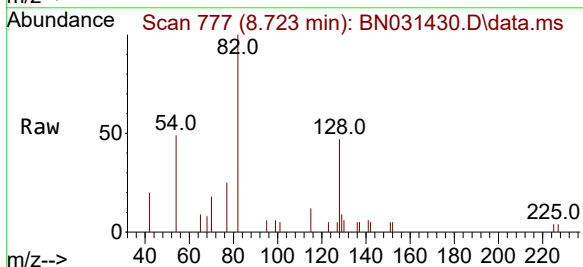
Instrument :
BNA_N
ClientSampleId :
MW-17B-72-050324

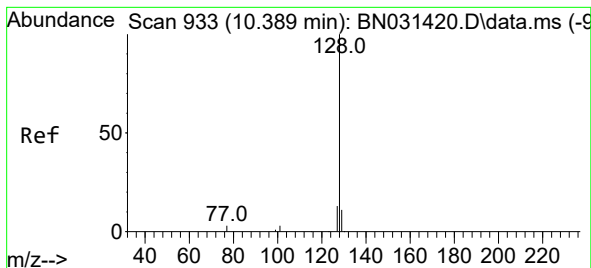
Tgt Ion:	136	Resp:	18712
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	8.8	7.2	10.8
68	7.0	5.8	8.6



#8
Nitrobenzene-d5
Concen: 0.172 ng
RT: 8.723 min Scan# 777
Delta R.T. 0.011 min
Lab File: BN031430.D
Acq: 07 May 2024 20:06

Tgt Ion:	82	Resp:	2825
Ion	Ratio	Lower	Upper
82	100		
128	46.7	30.0	45.0#
54	49.0	43.4	65.0





#9

Naphthalene

Concen: 0.024 ng

RT: 10.389 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN031430.D

Acq: 07 May 2024 20:06

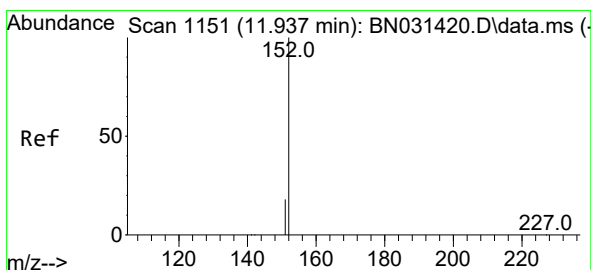
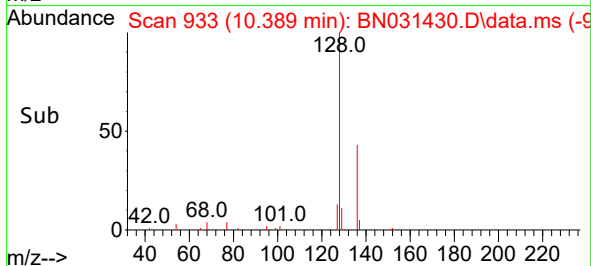
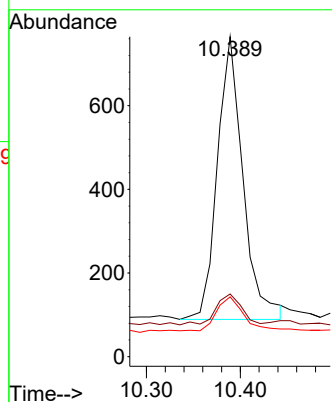
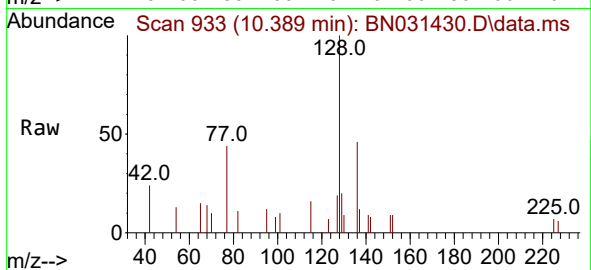
Instrument :

BNA_N

ClientSampleId :

MW-17B-72-050324

Tgt Ion:128	Resp:	1281
Ion Ratio	Lower	Upper
128	100	
129	19.6	9.5 14.3#
127	18.7	11.1 16.7#



#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

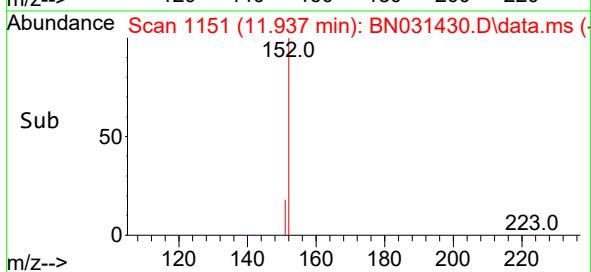
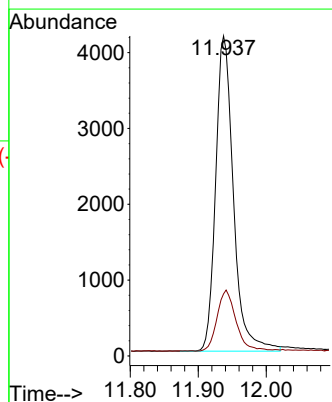
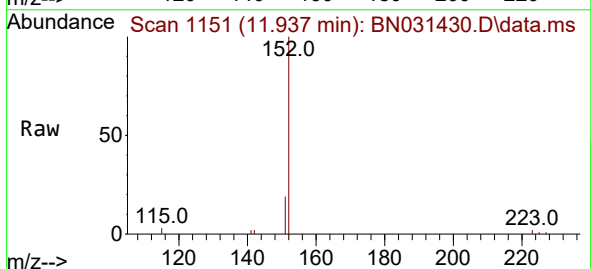
RT: 11.937 min Scan# 1151

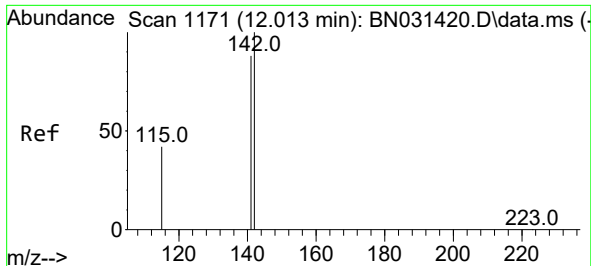
Delta R.T. 0.000 min

Lab File: BN031430.D

Acq: 07 May 2024 20:06

Tgt Ion:152	Resp:	7542
Ion Ratio	Lower	Upper
152	100	
151	20.6	16.7 25.1





#12

2-Methylnaphthalene

Concen: 0.177 ng

RT: 12.013 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BN031430.D

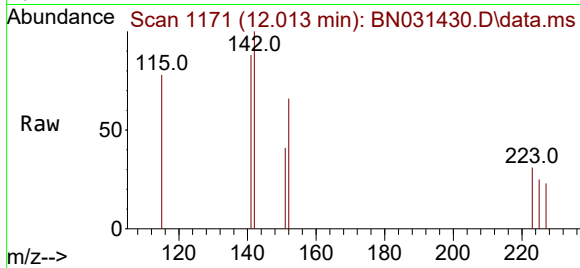
Acq: 07 May 2024 20:06

Instrument :

BNA_N

ClientSampleId :

MW-17B-72-050324



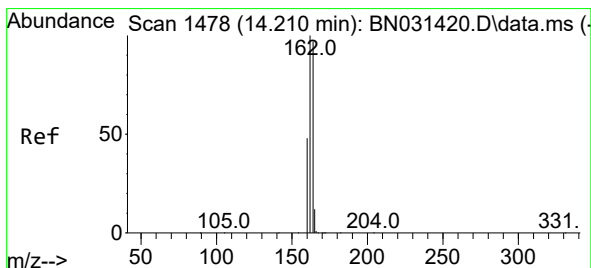
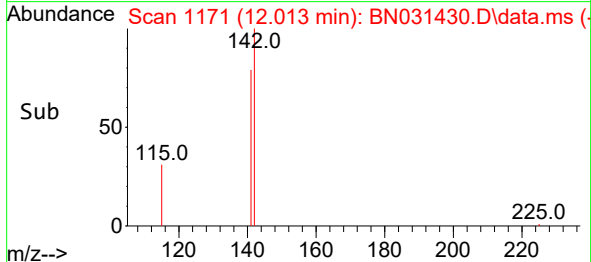
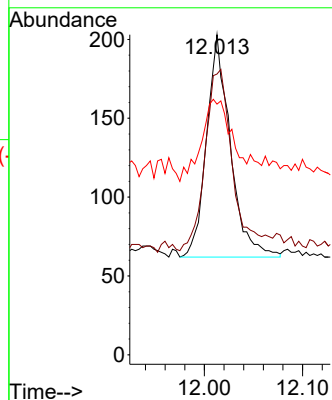
Tgt Ion:142 Resp: 237

Ion Ratio Lower Upper

142 100

141 87.7 70.2 105.2

115 78.3 34.2 51.4#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.210 min Scan# 1478

Delta R.T. 0.000 min

Lab File: BN031430.D

Acq: 07 May 2024 20:06

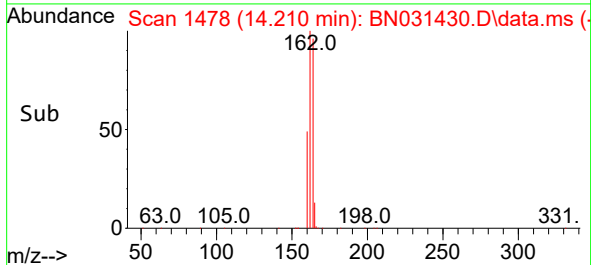
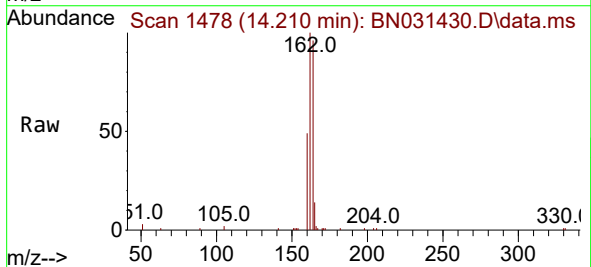
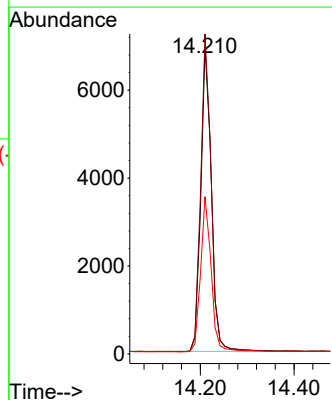
Tgt Ion:164 Resp: 10837

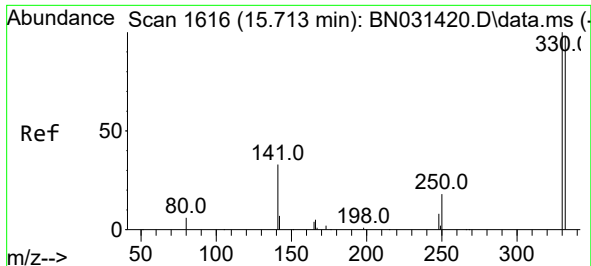
Ion Ratio Lower Upper

164 100

162 104.2 82.3 123.5

160 51.2 40.2 60.2

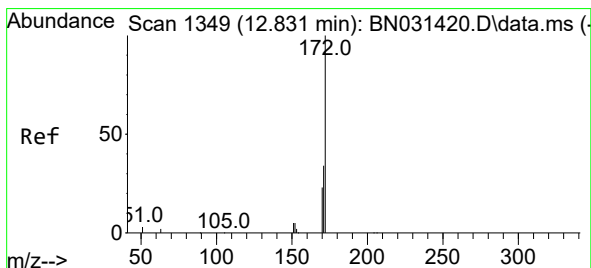
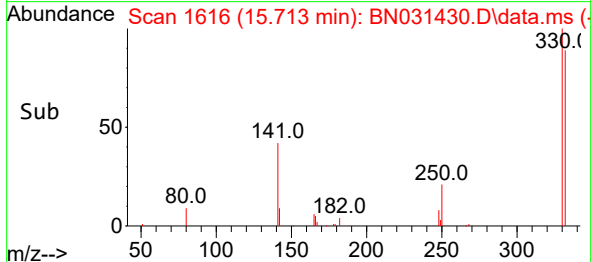
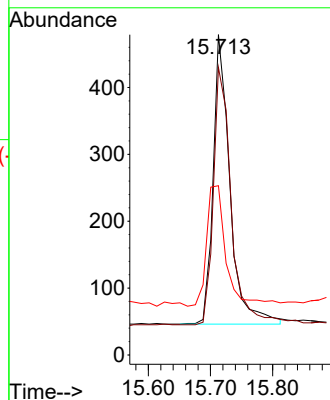
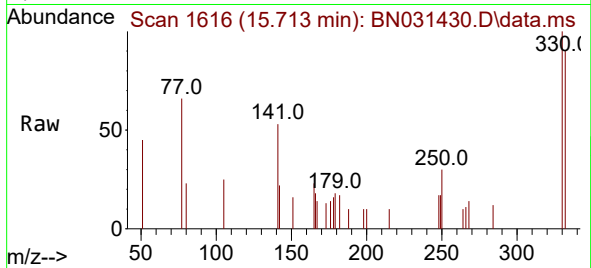




#14
2,4,6-Tribromophenol
Concen: 0.156 ng
RT: 15.713 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN031430.D
Acq: 07 May 2024 20:06

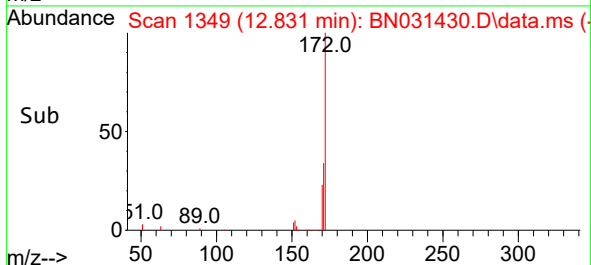
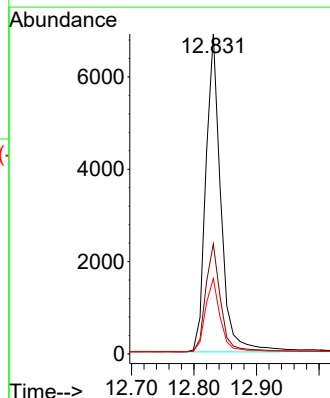
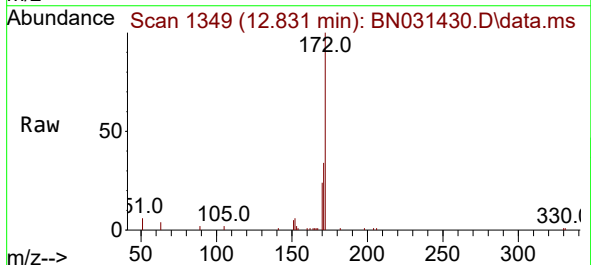
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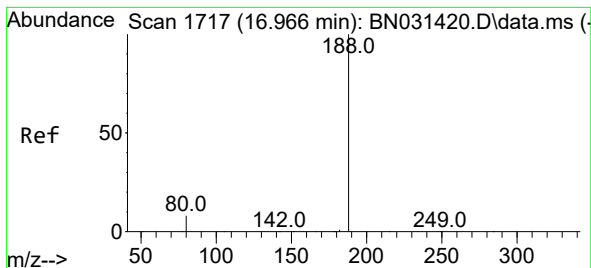
Tgt Ion:330 Resp: 814
Ion Ratio Lower Upper
330 100
332 94.3 77.5 116.3
141 48.4 39.3 58.9



#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.831 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN031430.D
Acq: 07 May 2024 20:06

Tgt Ion:172 Resp: 11430
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.6 18.9 28.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.967 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN031430.D

Acq: 07 May 2024 20:06

Instrument :

BNA_N

ClientSampleId :

MW-17B-72-050324

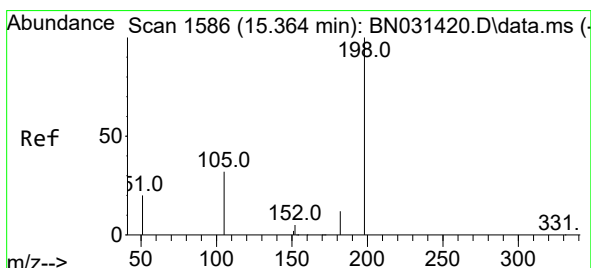
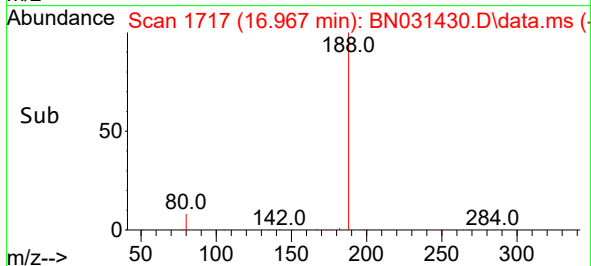
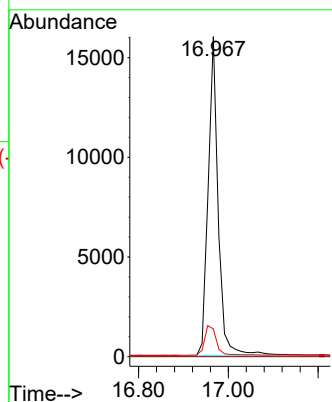
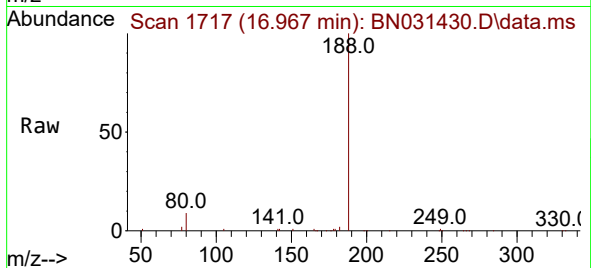
Tgt Ion:188 Resp: 24833

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 6.8 10.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.024 ng

RT: 15.365 min Scan# 1586

Delta R.T. 0.001 min

Lab File: BN031430.D

Acq: 07 May 2024 20:06

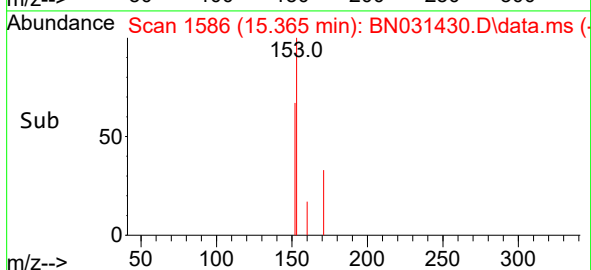
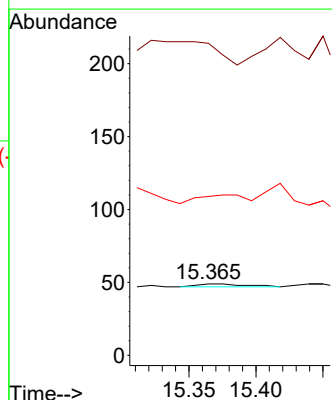
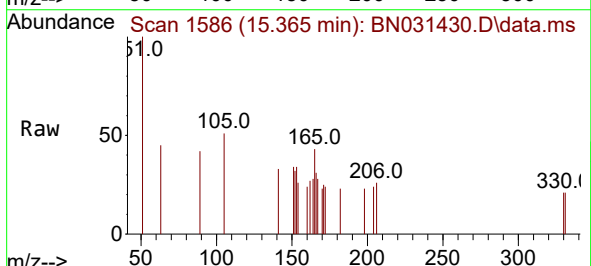
Tgt Ion:198 Resp: 5

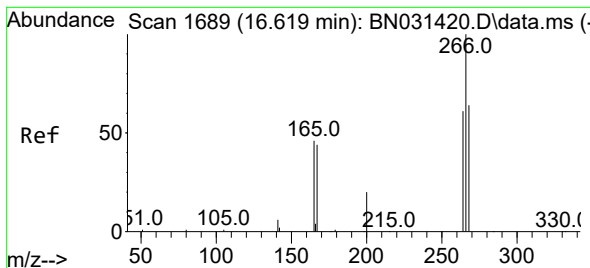
Ion Ratio Lower Upper

198 100

51 436.7 47.4 71.2#

105 222.4 35.7 53.5#





#24

Pentachlorophenol

Concen: 0.167 ng

RT: 16.631 min Scan# 1690

Delta R.T. 0.012 min

Lab File: BN031430.D

Acq: 07 May 2024 20:06

Instrument :

BNA_N

ClientSampleId :

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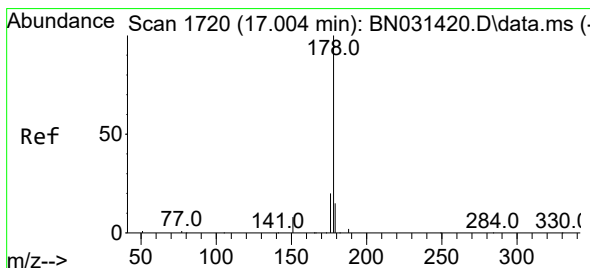
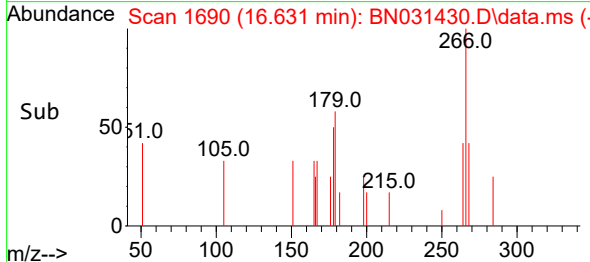
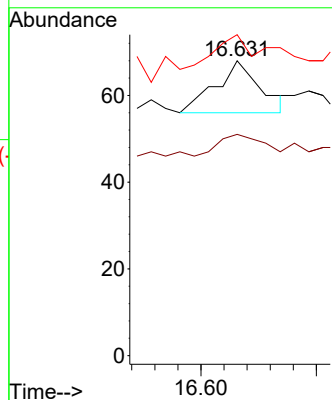
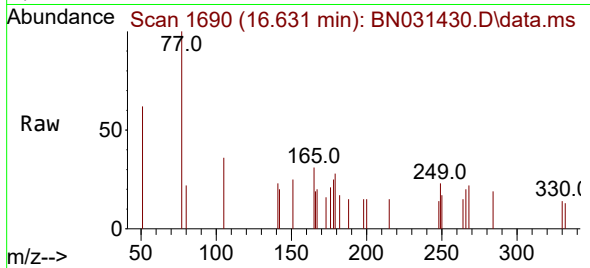
Tgt Ion:266 Resp: 32

Ion Ratio Lower Upper

266 100

264 43.8 49.0 73.4#

268 168.8 51.0 76.4#



#25

Phenanthrene

Concen: 0.072 ng

RT: 17.004 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BN031430.D

Acq: 07 May 2024 20:06

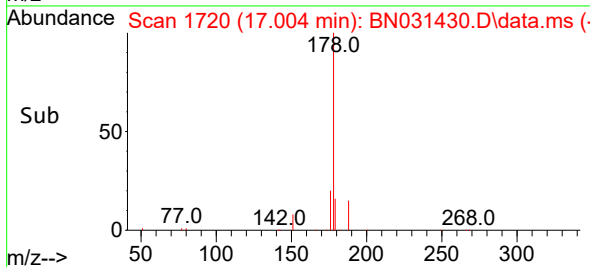
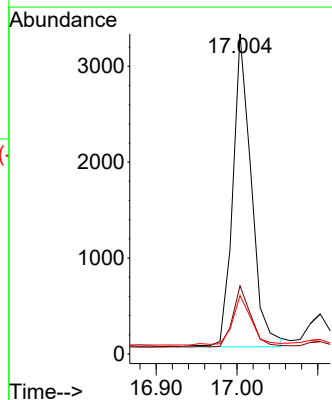
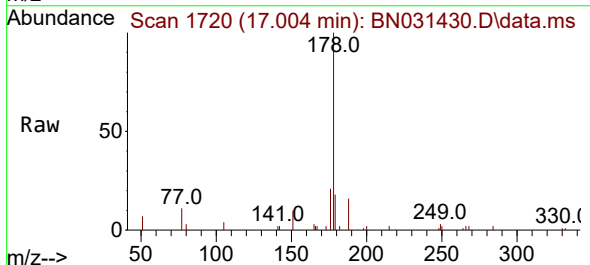
Tgt Ion:178 Resp: 5153

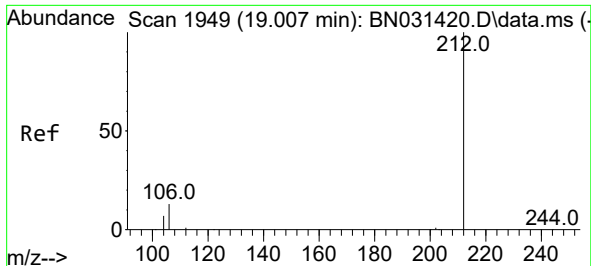
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 16.2 12.3 18.5

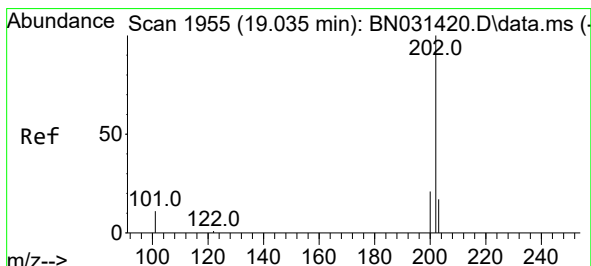
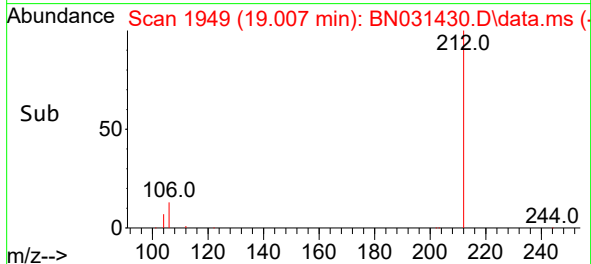
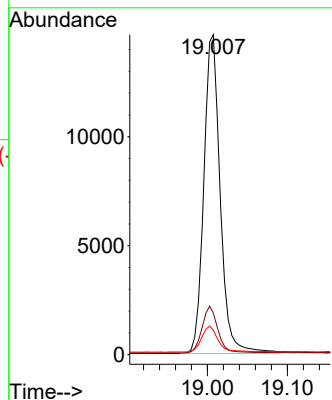
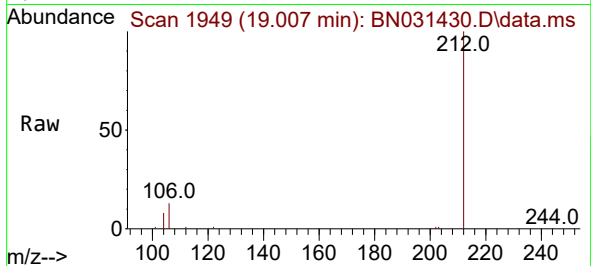




#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.007 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BN031430.D
Acq: 07 May 2024 20:06

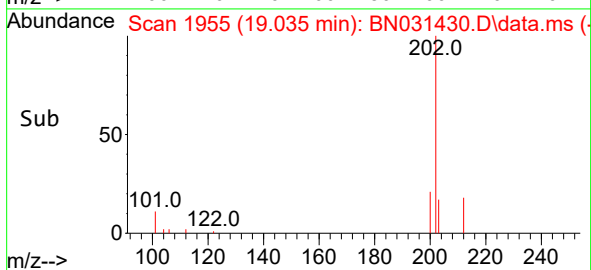
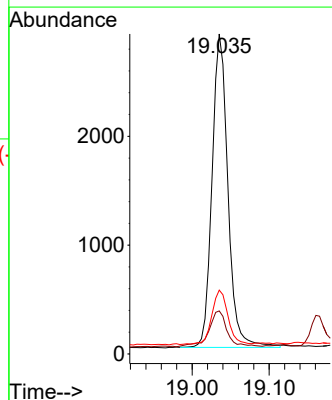
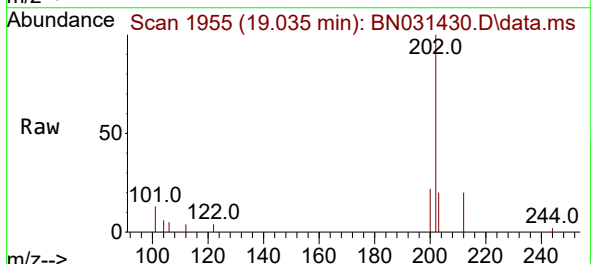
Instrument :
BNA_N
ClientSampleId :
MW-17B-72-050324

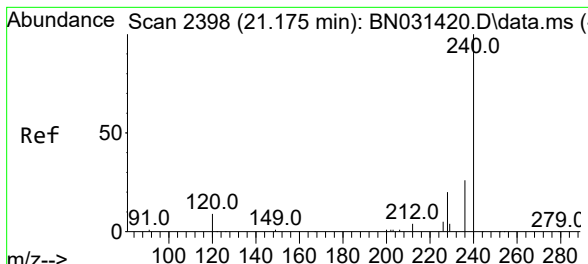
Tgt Ion:212 Resp: 20881
Ion Ratio Lower Upper
212 100
106 14.2 11.5 17.3
104 8.1 6.4 9.6



#28
Fluoranthene
Concen: 0.047 ng
RT: 19.035 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BN031430.D
Acq: 07 May 2024 20:06

Tgt Ion:202 Resp: 4125
Ion Ratio Lower Upper
202 100
101 13.1 9.2 13.8
203 17.6 13.7 20.5

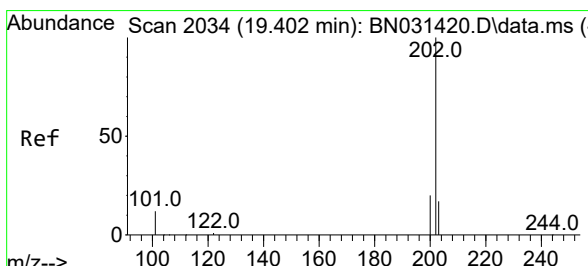
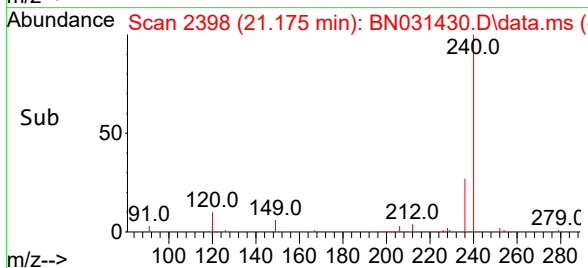
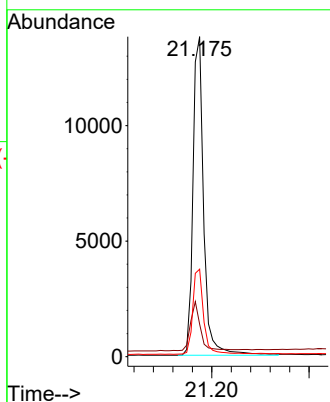
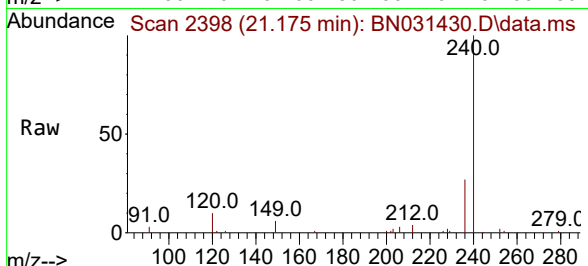




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031430.D
Acq: 07 May 2024 20:06

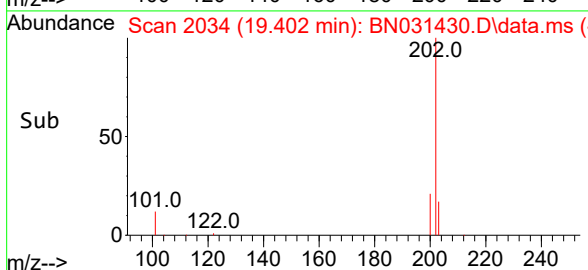
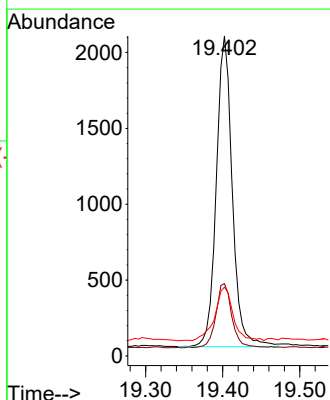
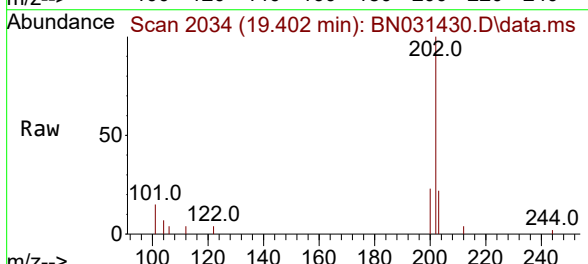
Instrument :
BNA_N
ClientSampleId :
MW-17B-72-050324

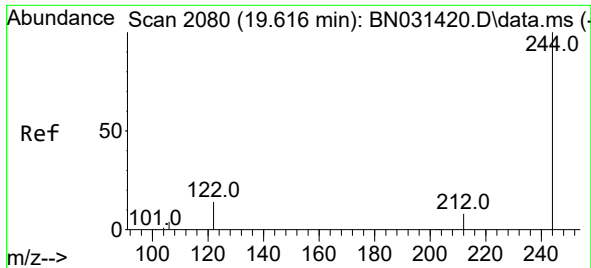
Tgt Ion:	240	Resp:	21035
Ion Ratio	Lower	Upper	
240	100		
120	10.1	7.9	11.9
236	27.4	21.4	32.2



#30
Pyrene
Concen: Below Cal
RT: 19.402 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN031430.D
Acq: 07 May 2024 20:06

Tgt Ion:	202	Resp:	2954
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	24.8
203	19.9	14.3	21.5

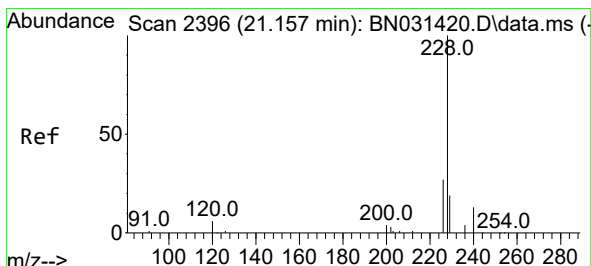
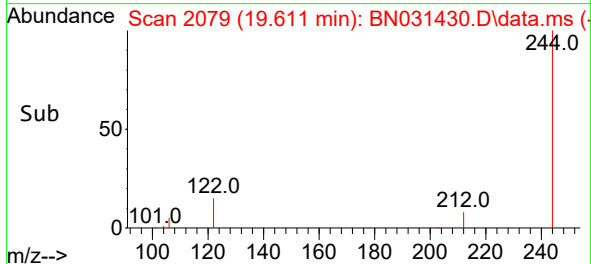
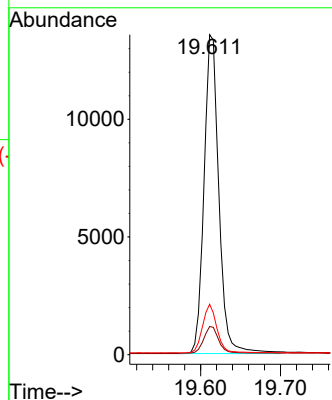
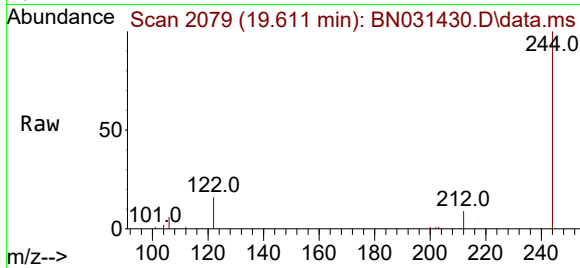




#31
 Terphenyl-d14
 Concen: 0.327 ng
 RT: 19.611 min Scan# 2080
 Delta R.T. -0.005 min
 Lab File: BN031430.D
 Acq: 07 May 2024 20:06

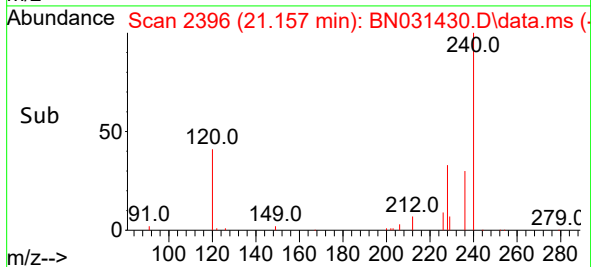
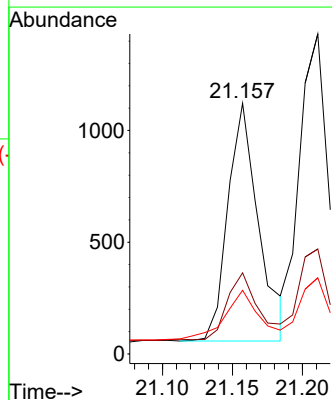
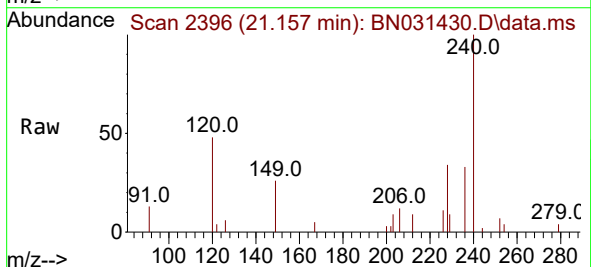
Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-72-050324

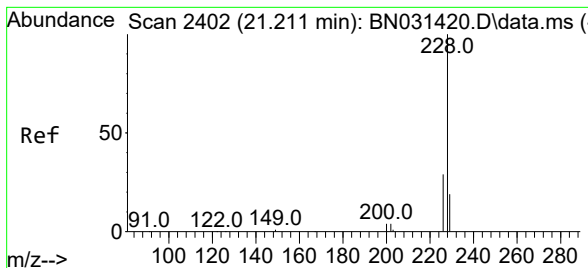
Tgt Ion:244 Resp: 17473
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.9 10.3
 122 15.7 11.4 17.2



#32
 Benzo(a)anthracene
 Concen: 0.022 ng
 RT: 21.157 min Scan# 2396
 Delta R.T. 0.000 min
 Lab File: BN031430.D
 Acq: 07 May 2024 20:06

Tgt Ion:228 Resp: 1626
 Ion Ratio Lower Upper
 228 100
 226 32.4 21.8 32.6
 229 25.4 15.6 23.4#





#33

Chrysene

Concen: 0.026 ng

RT: 21.211 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BN031430.D

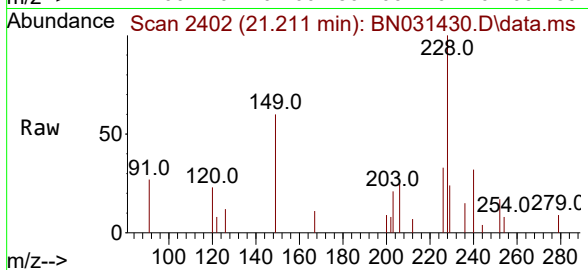
Acq: 07 May 2024 20:06

Instrument :

BNA_N

ClientSampleId :

MW-17B-72-050324



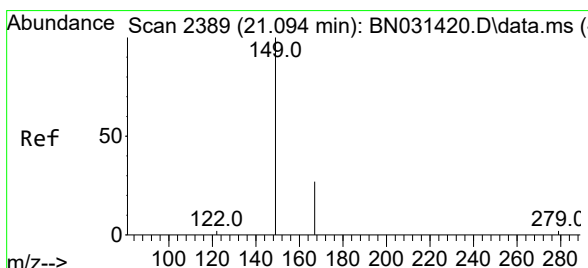
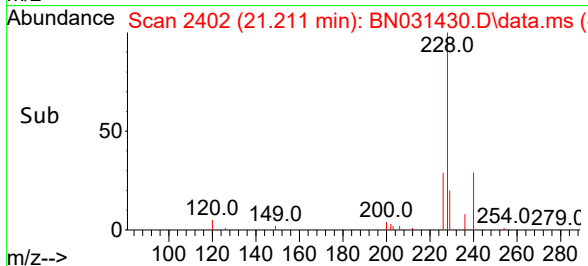
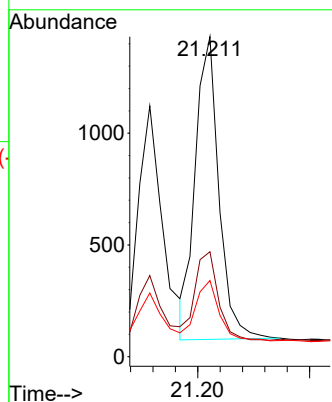
Tgt Ion:228 Resp: 1981

Ion Ratio Lower Upper

228 100

226 32.8 23.6 35.4

229 23.8 15.8 23.8#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.049 ng

RT: 21.095 min Scan# 2389

Delta R.T. 0.001 min

Lab File: BN031430.D

Acq: 07 May 2024 20:06

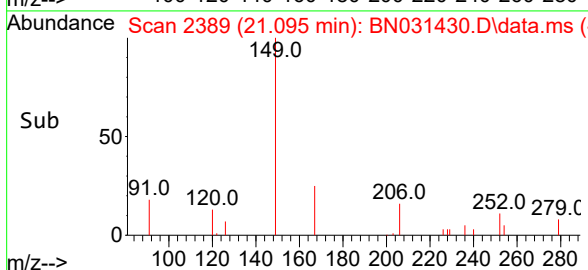
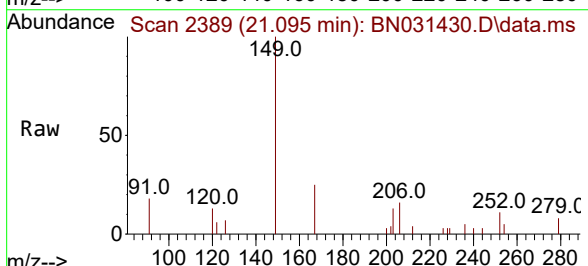
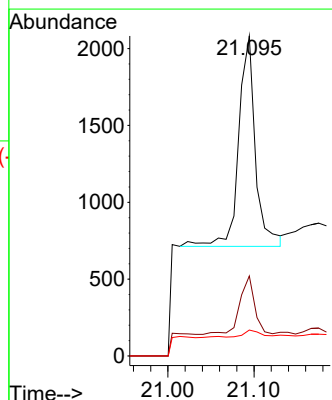
Tgt Ion:149 Resp: 1864

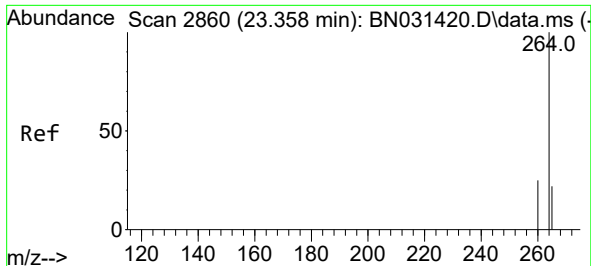
Ion Ratio Lower Upper

149 100

167 22.7 23.0 34.4#

279 3.0 3.2 4.8#

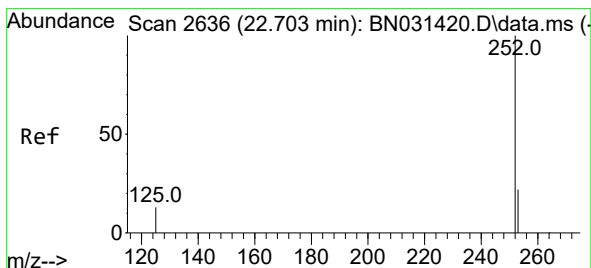
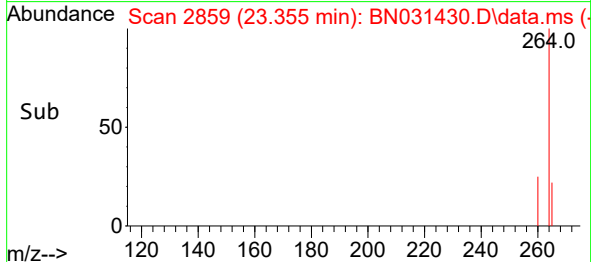
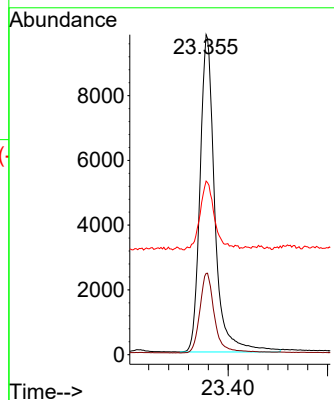
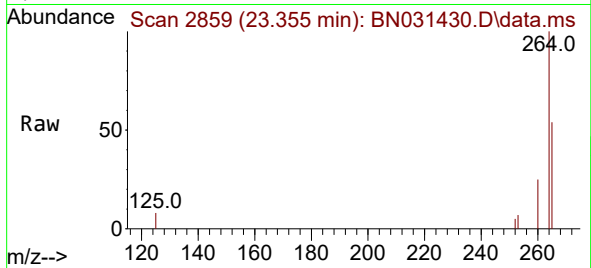




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.355 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN031430.D
Acq: 07 May 2024 20:06

Instrument :
BNA_N
ClientSampleId :
MW-17B-72-050324

Tgt Ion:264 Resp: 20253
Ion Ratio Lower Upper
264 100
260 25.4 20.2 30.4
265 54.3 43.4 65.2



#37
Benzo(b)fluoranthene
Concen: 0.023 ng
RT: 22.706 min Scan# 2637
Delta R.T. 0.003 min
Lab File: BN031430.D
Acq: 07 May 2024 20:06

Tgt Ion:252 Resp: 1833
Ion Ratio Lower Upper
252 100
253 57.1 19.5 29.3#
125 62.1 12.9 19.3#

