

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101223\
 Data File : BN028271.D
 Acq On : 12 Oct 2023 22:00
 Operator : MA/JU
 Sample : PB156212BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156212BL

Quant Time: Oct 13 02:43:28 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)

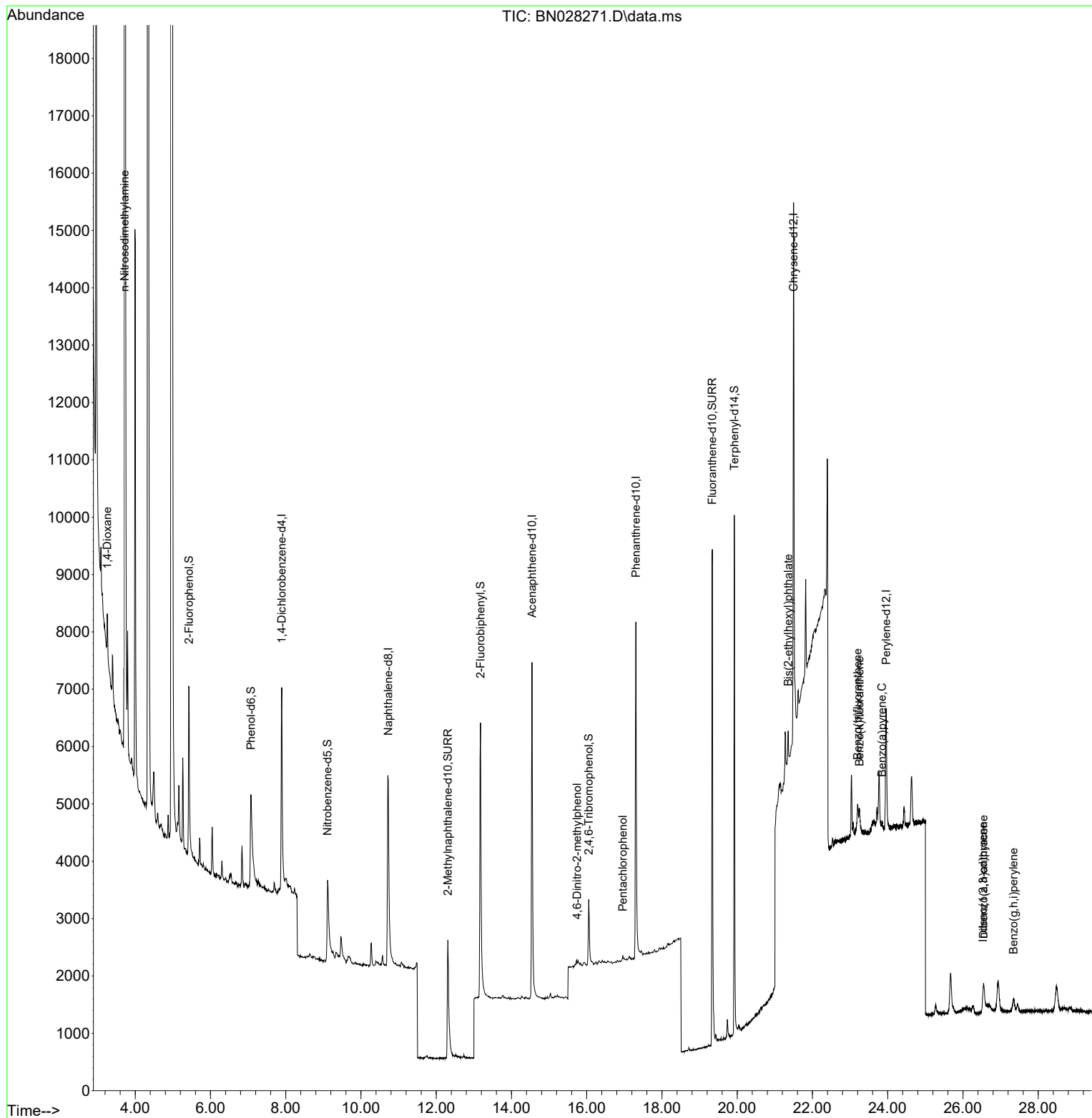
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	2369	0.400	ng	0.00
7) Naphthalene-d8	10.725	136	7487	0.400	ng	# 0.01
13) Acenaphthene-d10	14.544	164	4351	0.400	ng	0.00
19) Phenanthrene-d10	17.306	188	9952	0.400	ng	# 0.00
29) Chrysene-d12	21.498	240	9544	0.400	ng	0.00
35) Perylene-d12	23.958	264	3225	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	3103	0.422	ng	0.00
5) Phenol-d6	7.077	99	3273	0.361	ng	0.02
8) Nitrobenzene-d5	9.112	82	2429	0.366	ng	0.01
11) 2-Methylnaphthalene-d10	12.309	152	4997	0.444	ng	0.01
14) 2,4,6-Tribromophenol	16.053	330	823	0.388	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	6347	0.415	ng	0.01
27) Fluoranthene-d10	19.337	212	10971	0.412	ng	0.00
31) Terphenyl-d14	19.923	244	9584	0.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.256	88	151	0.053	ng	# 24
3) n-Nitrosodimethylamine	3.718	42	6595	2.109	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.742	198	11	0.197	ng	# 1
24) Pentachlorophenol	16.959	266	51	0.021	ng	# 45
34) Bis(2-ethylhexyl)phtha...	21.354	149	562	0.022	ng	# 83
36) Indeno(1,2,3-cd)pyrene	26.536	276	578	0.044	ng	# 58
37) Benzo(b)fluoranthene	23.200	252	598	0.059	ng	# 1
38) Benzo(k)fluoranthene	23.250	252	374	0.036	ng	# 1
39) Benzo(a)pyrene	23.849	252	245	0.024	ng	# 1
40) Dibenzo(a,h)anthracene	26.548	278	295	0.028	ng	# 1
41) Benzo(g,h,i)perylene	27.346	276	524	0.048	ng	# 1

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

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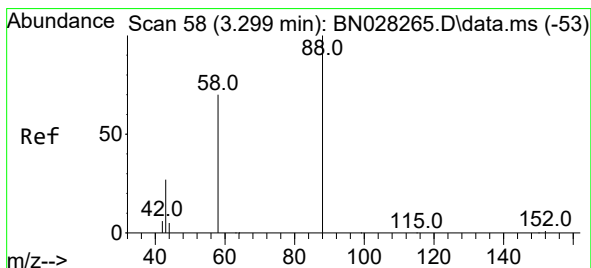
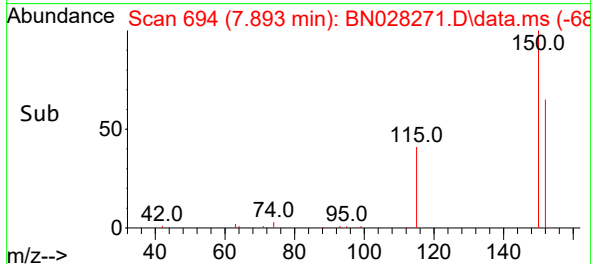
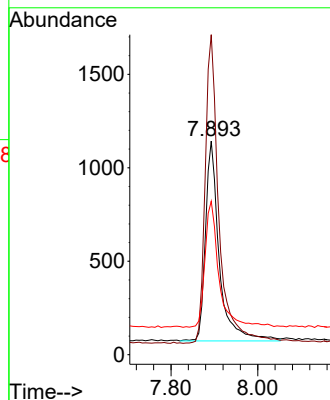
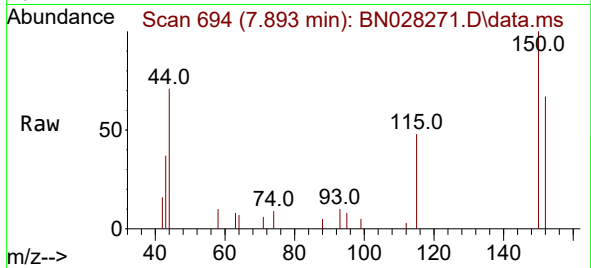




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.893 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: BN028271.D
 Acq: 12 Oct 2023 22:00

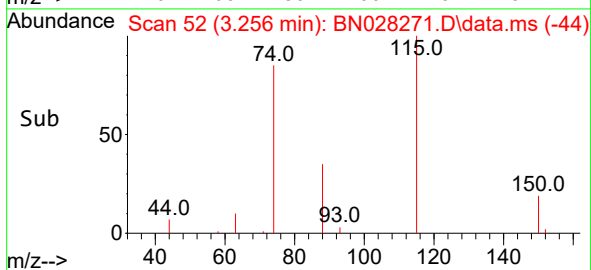
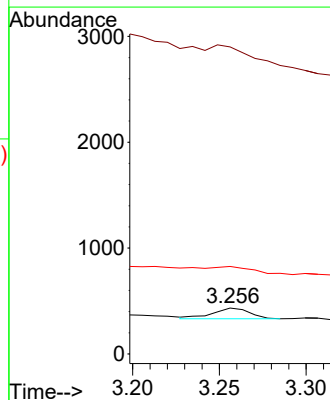
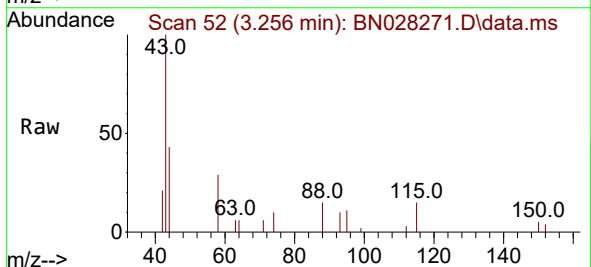
Instrument :
 BNA_N
 ClientSampleId :
 PB156212BL

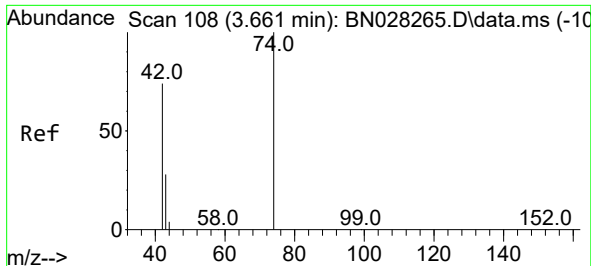
Tgt Ion:152 Resp: 2369
 Ion Ratio Lower Upper
 152 100
 150 149.8 121.6 182.4
 115 71.8 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.053 ng
 RT: 3.256 min Scan# 52
 Delta R.T. -0.043 min
 Lab File: BN028271.D
 Acq: 12 Oct 2023 22:00

Tgt Ion: 88 Resp: 151
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 0.0 55.4 83.0#

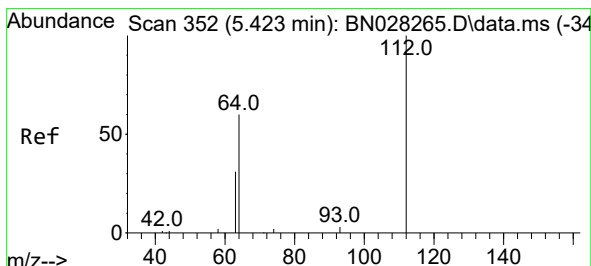
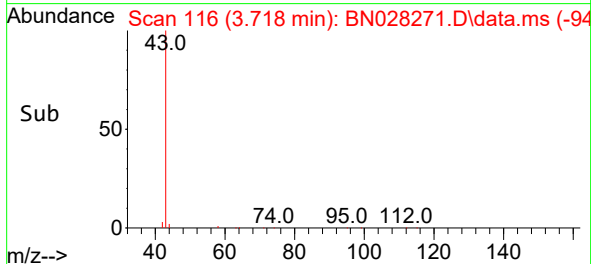
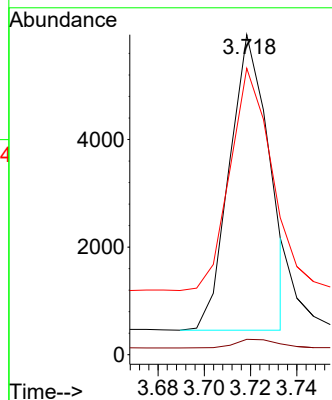
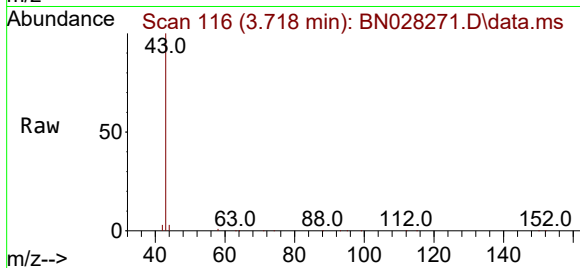




#3
n-Nitrosodimethylamine
Concen: 2.109 ng
RT: 3.718 min Scan# 116
Delta R.T. 0.058 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

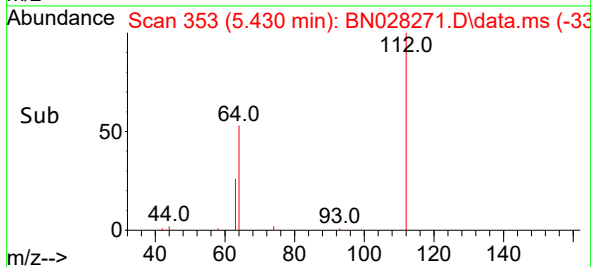
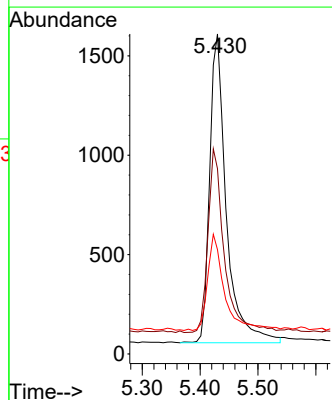
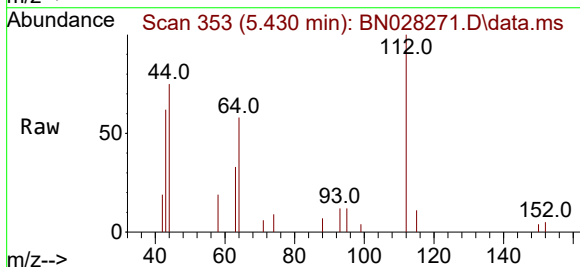
Instrument :
BNA_N
ClientSampleId :
PB156212BL

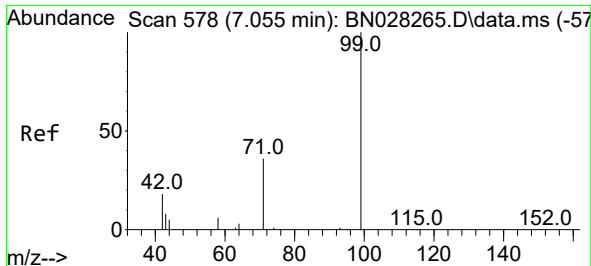
Tgt Ion: 42 Resp: 6595
Ion Ratio Lower Upper
42 100
74 2.9 112.6 168.8#
44 75.4 7.8 11.6#



#4
2-Fluorophenol
Concen: 0.422 ng
RT: 5.430 min Scan# 353
Delta R.T. 0.007 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Tgt Ion: 112 Resp: 3103
Ion Ratio Lower Upper
112 100
64 58.4 46.9 70.3
63 31.4 25.0 37.4

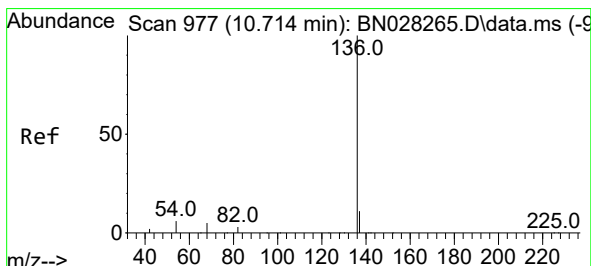
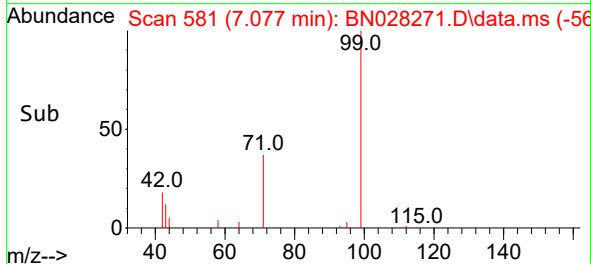
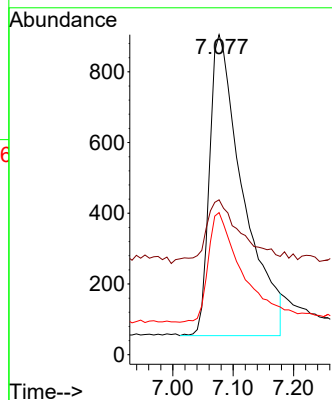
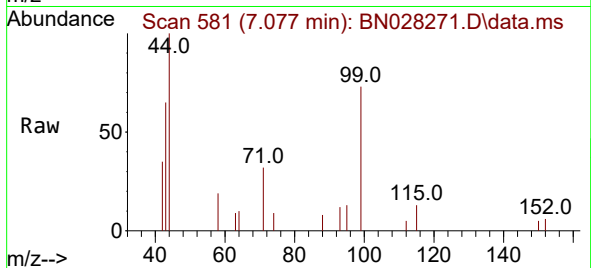




#5
Phenol-d6
Concen: 0.361 ng
RT: 7.077 min Scan# 581
Delta R.T. 0.022 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

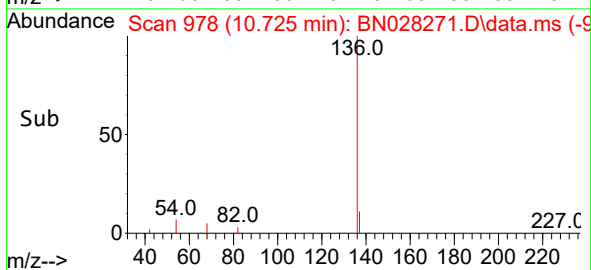
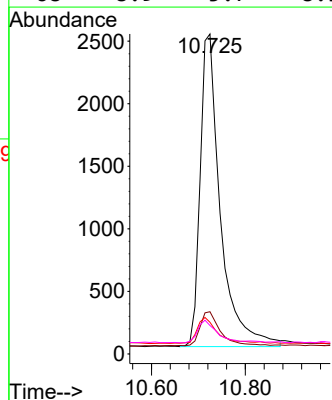
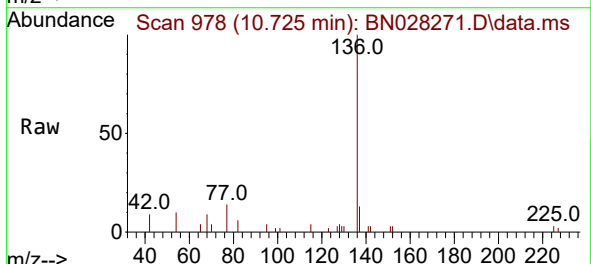
Instrument :
BNA_N
ClientSampleId :
PB156212BL

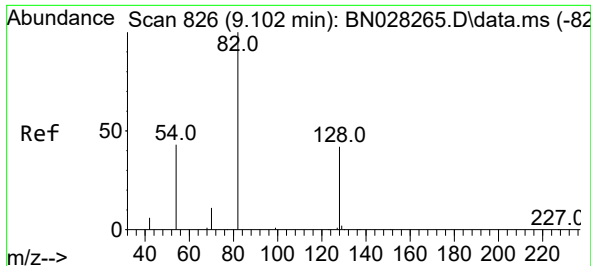
Tgt Ion: 99 Resp: 3273
Ion Ratio Lower Upper
99 100
42 22.9 15.9 23.9
71 36.4 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.725 min Scan# 978
Delta R.T. 0.011 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Tgt Ion: 136 Resp: 7487
Ion Ratio Lower Upper
136 100
137 13.2 9.8 14.8
54 9.9 6.2 9.4#
68 8.9 5.7 8.5#

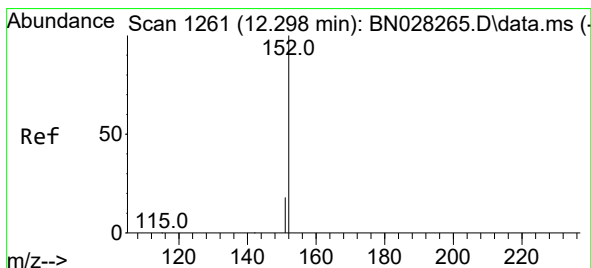
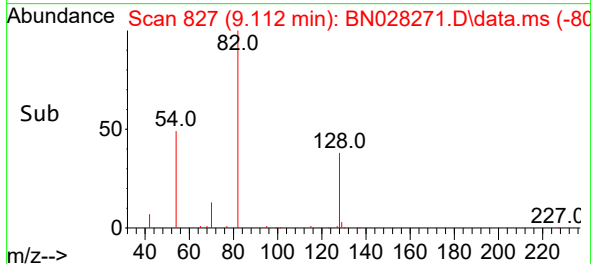
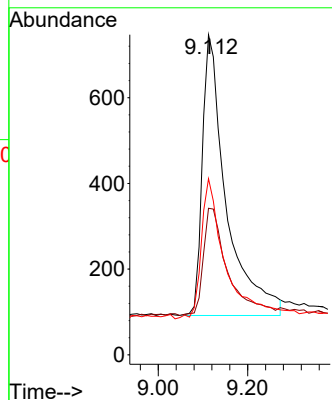
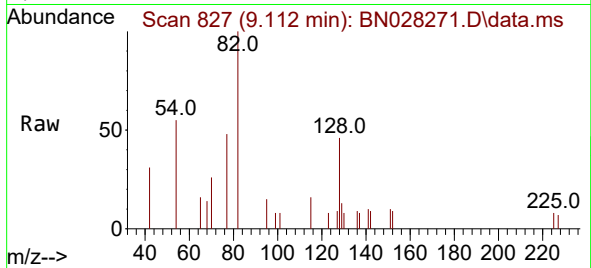




#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 9.112 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

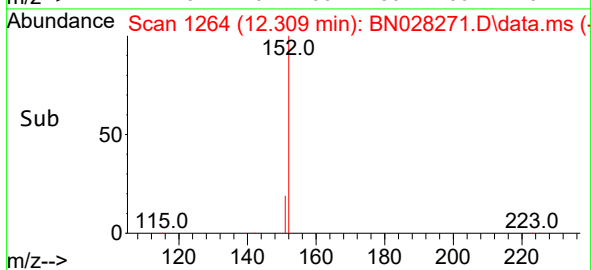
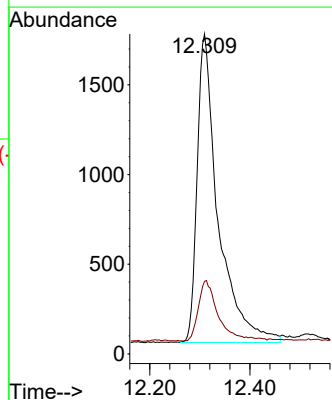
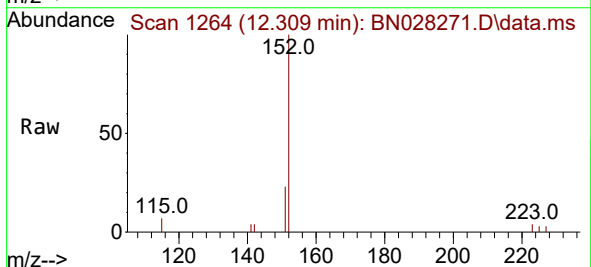
Instrument :
BNA_N
ClientSampleId :
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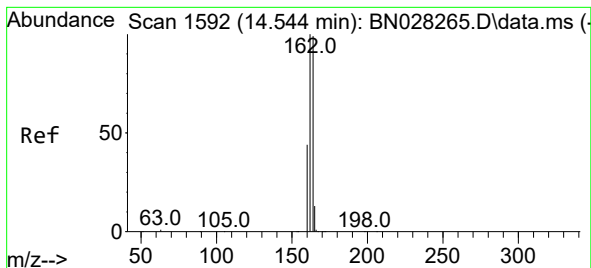
Tgt Ion: 82 Resp: 2429
Ion Ratio Lower Upper
82 100
128 45.8 36.8 55.2
54 55.0 37.4 56.2



#11
2-Methylnaphthalene-d10
Concen: 0.444 ng
RT: 12.309 min Scan# 1264
Delta R.T. 0.011 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Tgt Ion:152 Resp: 4997
Ion Ratio Lower Upper
152 100
151 18.4 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: BN028271.D

Acq: 12 Oct 2023 22:00

Instrument :

BNA_N

ClientSampleId :

PB156212BL

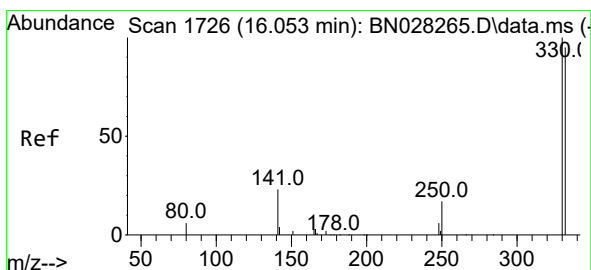
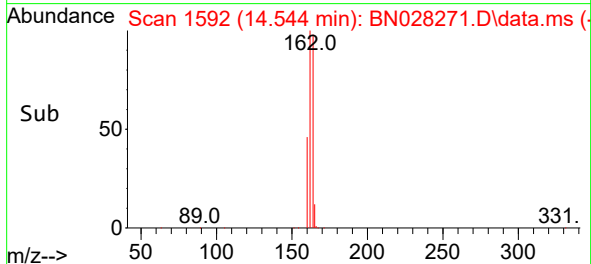
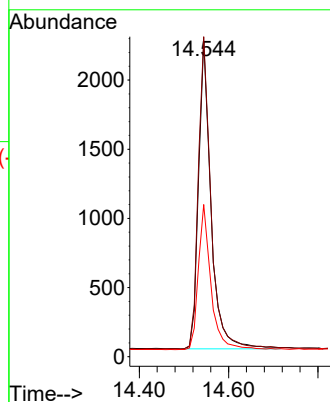
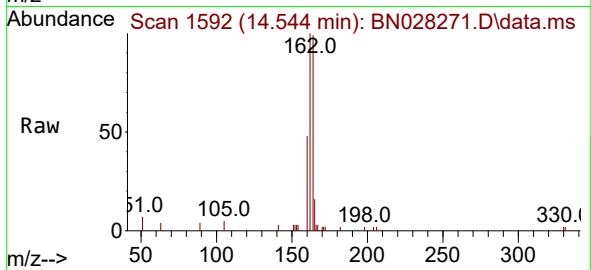
Tgt Ion:164 Resp: 4351

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 48.2 36.6 54.8



#14

2,4,6-Tribromophenol

Concen: 0.388 ng

RT: 16.053 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BN028271.D

Acq: 12 Oct 2023 22:00

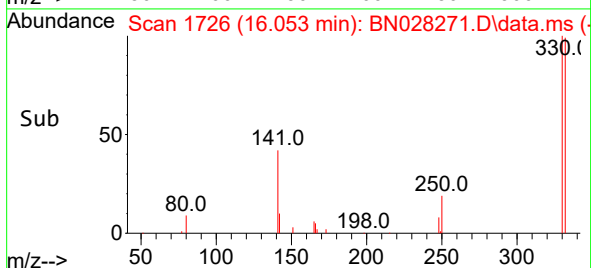
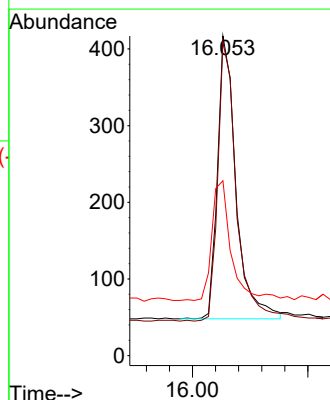
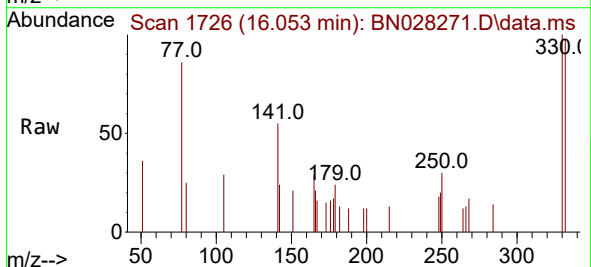
Tgt Ion:330 Resp: 823

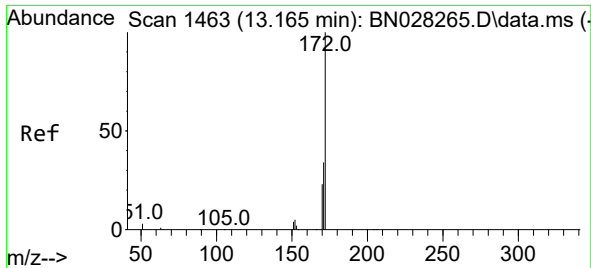
Ion Ratio Lower Upper

330 100

332 98.8 74.1 111.1

141 43.7 32.1 48.1

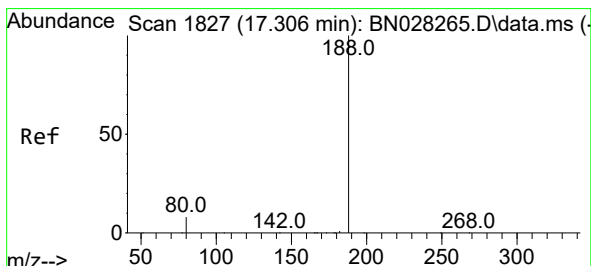
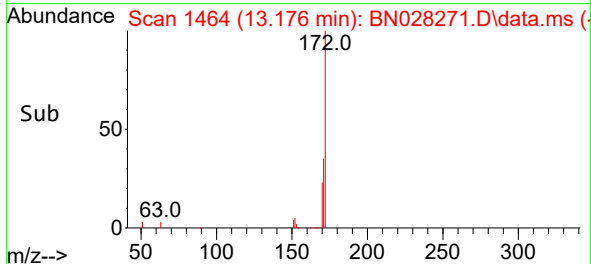
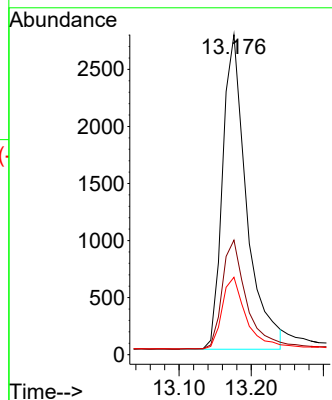
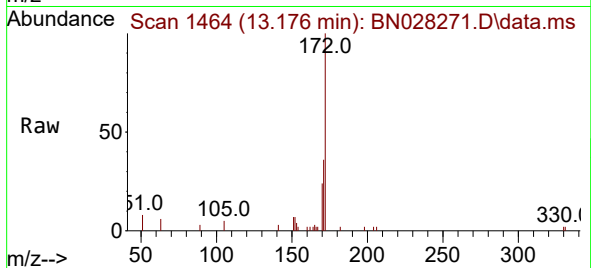




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.176 min Scan# 1463
Delta R.T. 0.011 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

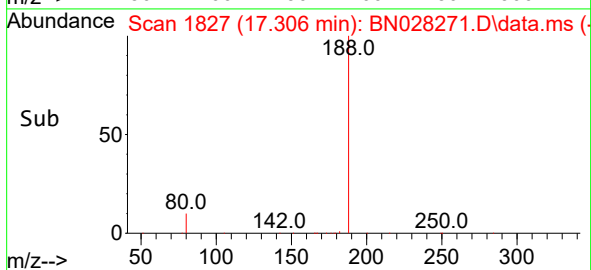
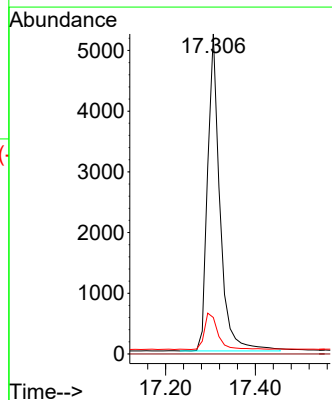
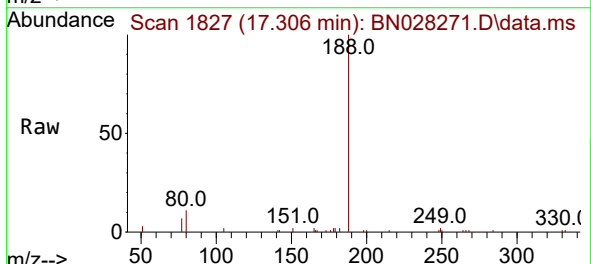
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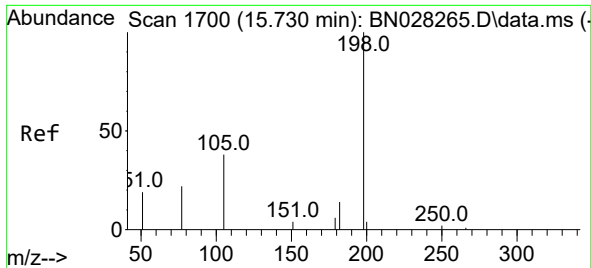
Tgt Ion:172 Resp: 6347
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 24.2 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.306 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Tgt Ion:188 Resp: 9952
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 7.1 10.7#

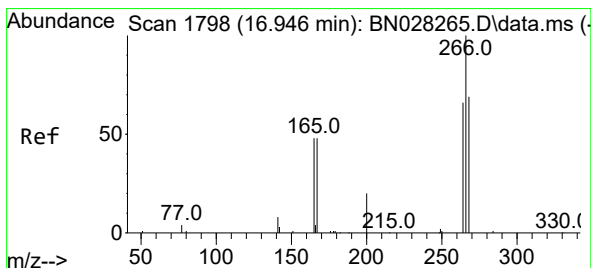
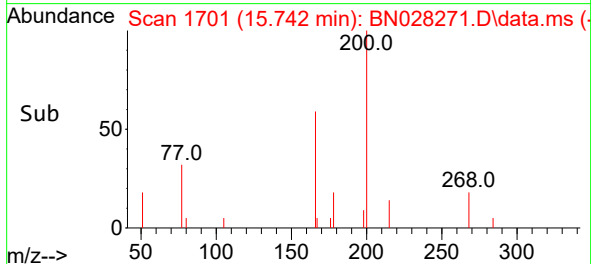
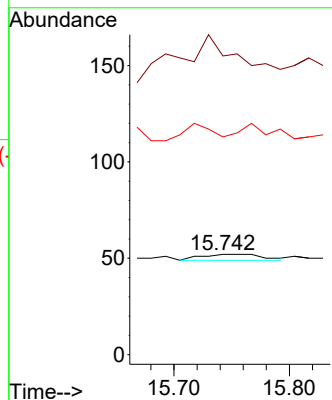
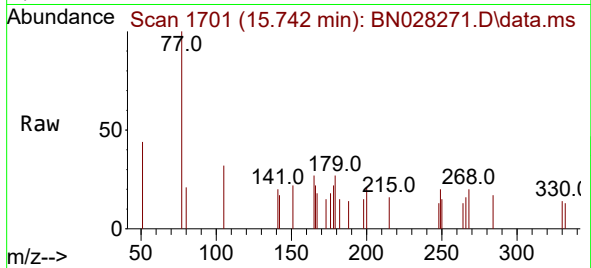




#20
4,6-Dinitro-2-methylphenol
Concen: 0.197 ng
RT: 15.742 min Scan# 1701
Delta R.T. 0.012 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

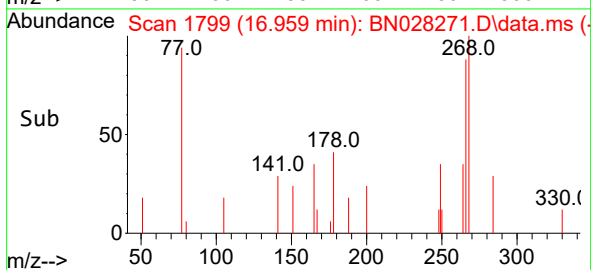
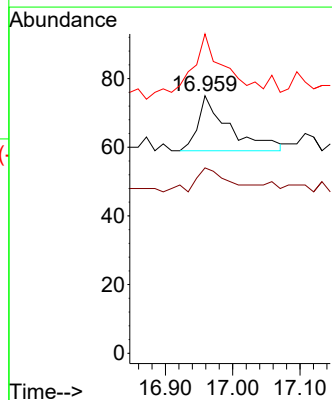
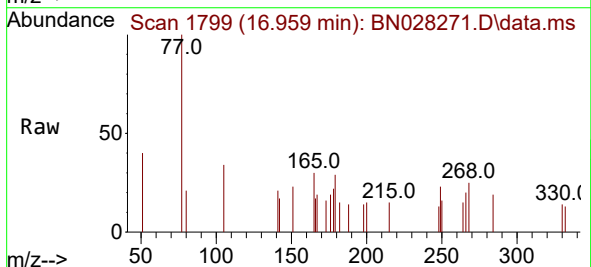
Instrument :
BNA_N
ClientSampleId :
PB156212BL

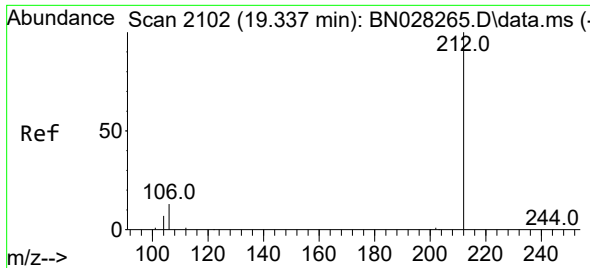
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 298.1 96.1 144.1#
105 217.3 75.4 113.0#



#24
Pentachlorophenol
Concen: 0.021 ng
RT: 16.959 min Scan# 1799
Delta R.T. 0.012 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Tgt Ion:266 Resp: 51
Ion Ratio Lower Upper
266 100
264 45.1 51.5 77.3#
268 139.2 56.6 84.8#

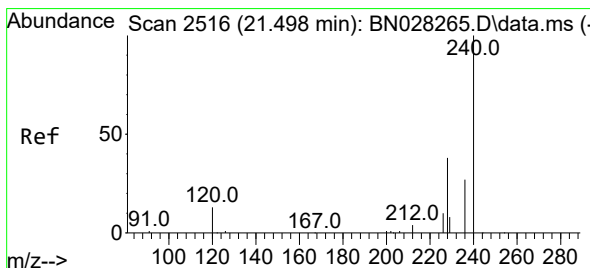
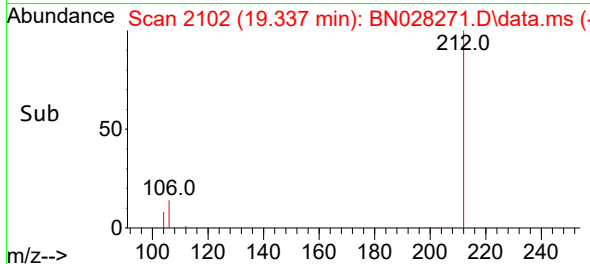
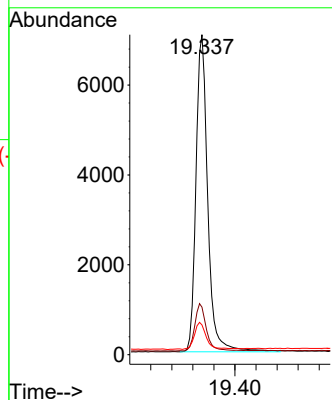
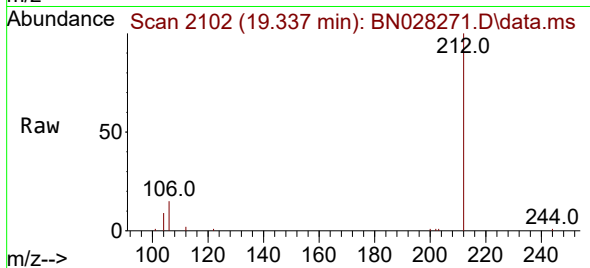




#27
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.337 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

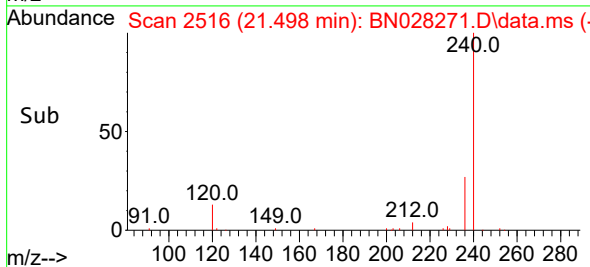
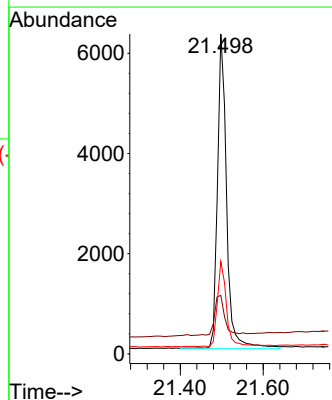
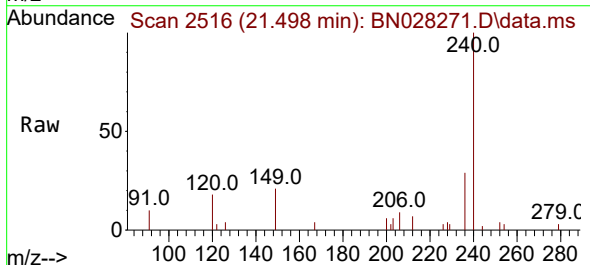
Instrument :
BNA_N
ClientSampleId :
PB156212BL

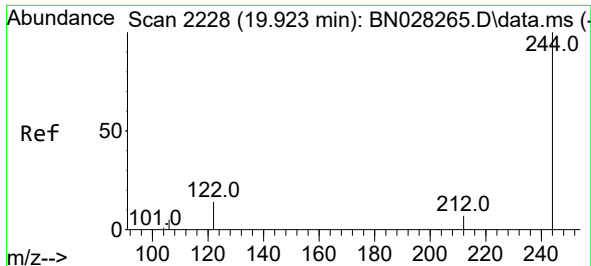
Tgt Ion:212 Resp: 10971
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 8.5 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.498 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Tgt Ion:240 Resp: 9544
Ion Ratio Lower Upper
240 100
120 18.3 13.4 20.0
236 28.9 22.7 34.1

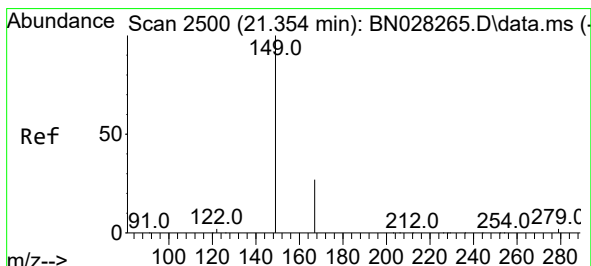
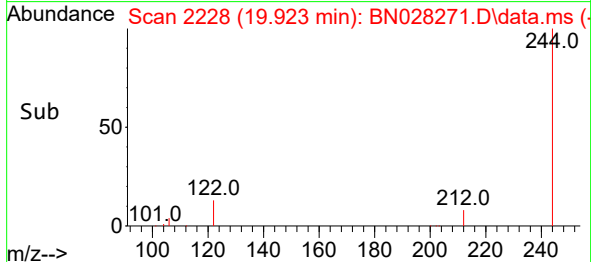
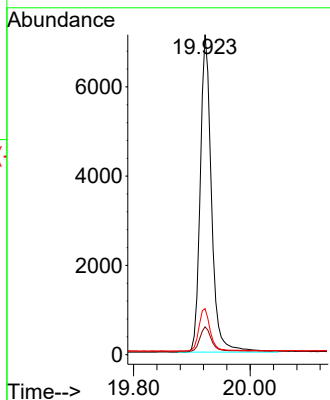
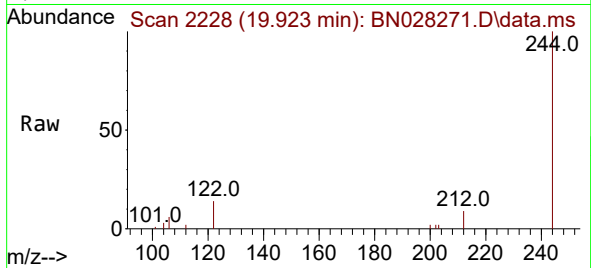




#31
 Terphenyl-d14
 Concen: 0.473 ng
 RT: 19.923 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN028271.D
 Acq: 12 Oct 2023 22:00

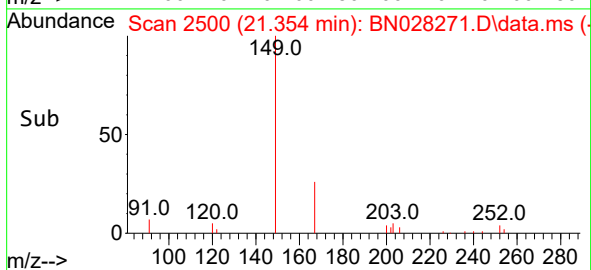
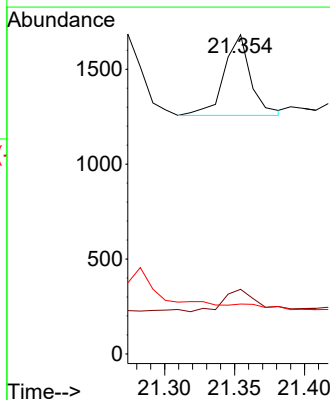
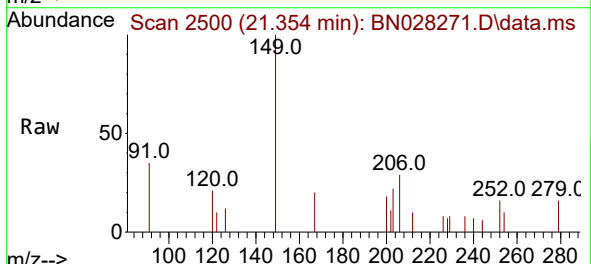
Instrument :
 BNA_N
 ClientSampleId :
 PB156212BL

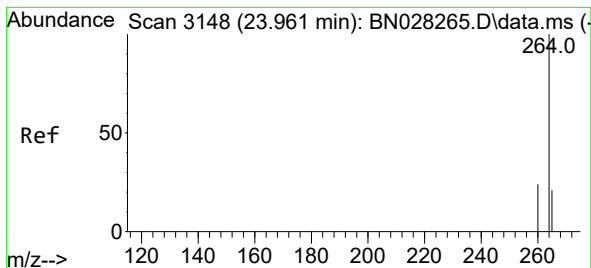
Tgt Ion:244 Resp: 9584
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.6 10.0
 122 14.4 11.7 17.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.022 ng
 RT: 21.354 min Scan# 2500
 Delta R.T. 0.000 min
 Lab File: BN028271.D
 Acq: 12 Oct 2023 22:00

Tgt Ion:149 Resp: 562
 Ion Ratio Lower Upper
 149 100
 167 37.5 22.6 34.0#
 279 0.0 4.2 6.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.958 min Scan# 3148

Delta R.T. -0.003 min

Lab File: BN028271.D

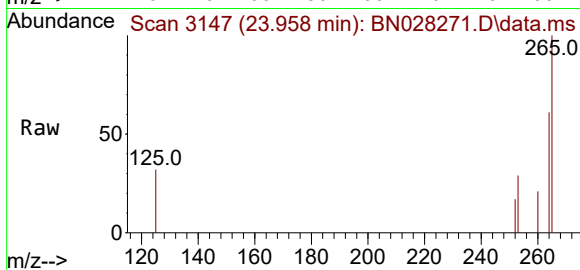
Acq: 12 Oct 2023 22:00

Instrument :

BNA_N

ClientSampleId :

PB156212BL



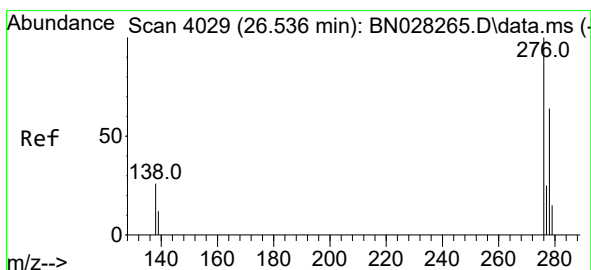
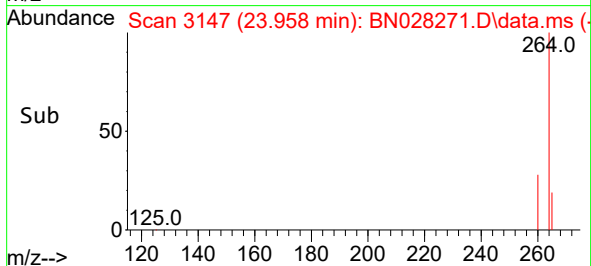
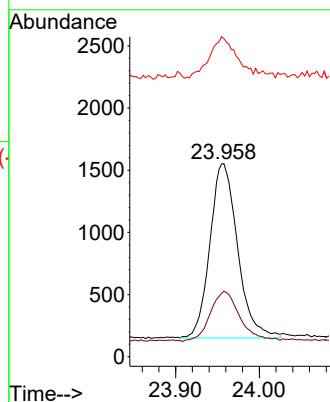
Tgt Ion:264 Resp: 3225

Ion Ratio Lower Upper

264 100

260 33.8 20.7 31.1#

265 164.7 38.3 57.5#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.044 ng

RT: 26.536 min Scan# 4029

Delta R.T. -0.000 min

Lab File: BN028271.D

Acq: 12 Oct 2023 22:00

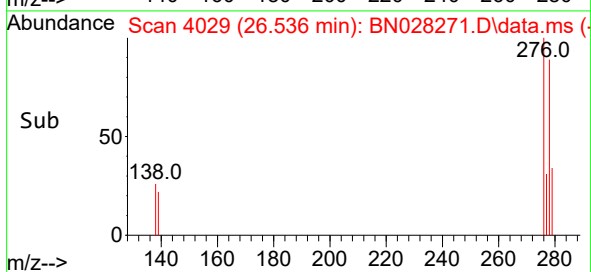
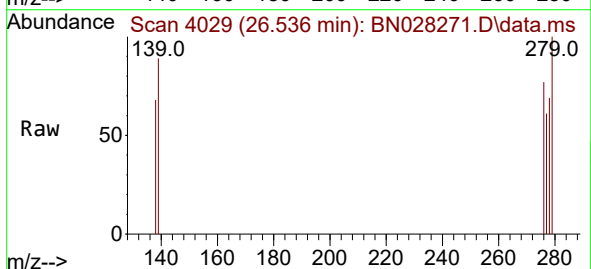
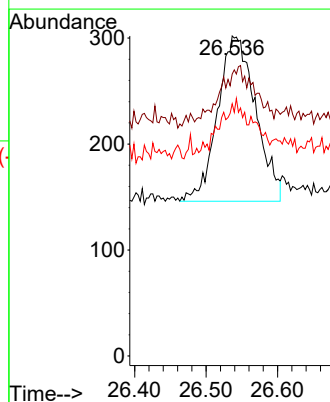
Tgt Ion:276 Resp: 578

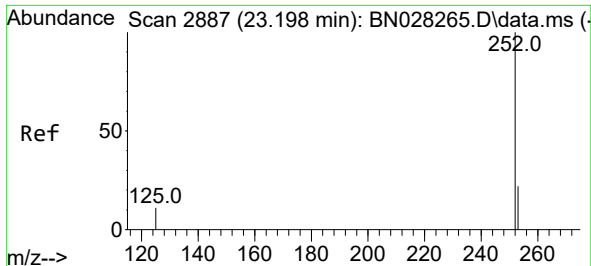
Ion Ratio Lower Upper

276 100

138 4.0 21.3 31.9#

277 4.8 20.0 30.0#

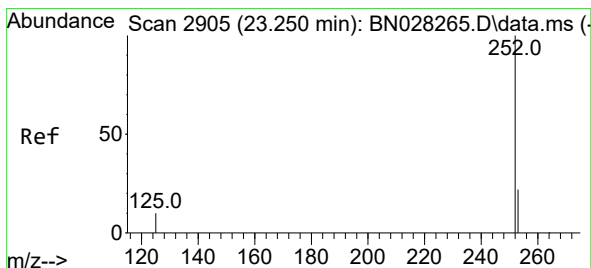
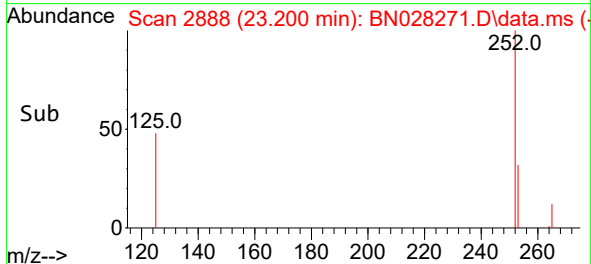
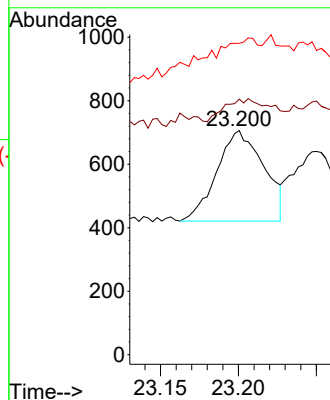
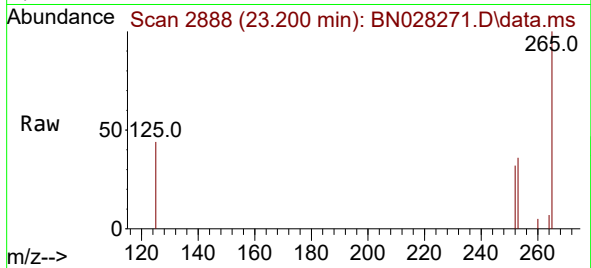




#37
Benzo(b)fluoranthene
Concen: 0.059 ng
RT: 23.200 min Scan# 2888
Delta R.T. 0.003 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

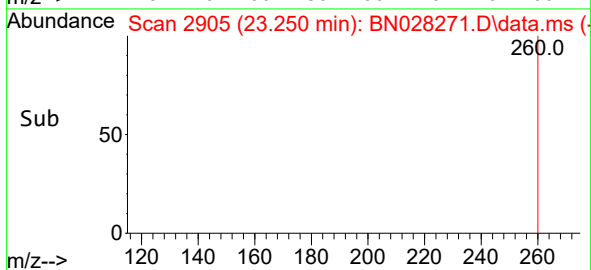
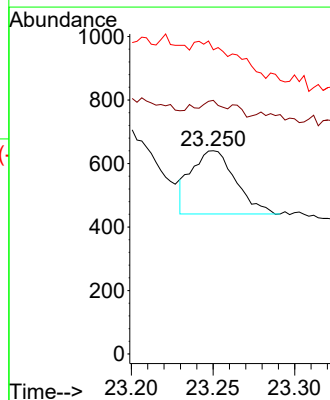
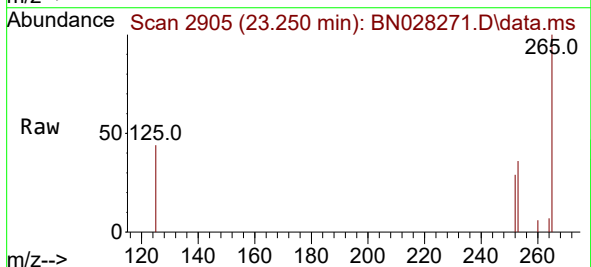
Instrument :
BNA_N
ClientSampleId :
PB156212BL

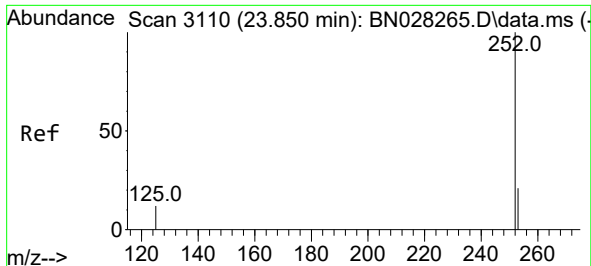
Tgt Ion:252 Resp: 598
Ion Ratio Lower Upper
252 100
253 114.0 21.8 32.8#
125 139.0 15.6 23.4#



#38
Benzo(k)fluoranthene
Concen: 0.036 ng
RT: 23.250 min Scan# 2905
Delta R.T. -0.000 min
Lab File: BN028271.D
Acq: 12 Oct 2023 22:00

Tgt Ion:252 Resp: 374
Ion Ratio Lower Upper
252 100
253 124.8 22.0 33.0#
125 149.7 15.3 22.9#





#39

Benzo(a)pyrene

Concen: 0.024 ng

RT: 23.849 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BN028271.D

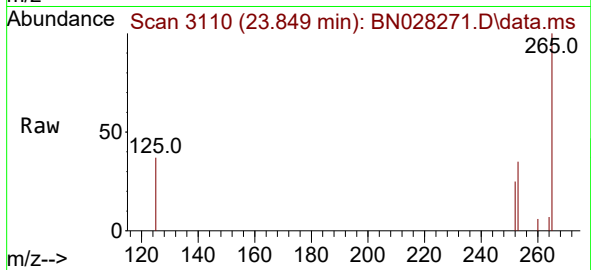
Acq: 12 Oct 2023 22:00

Instrument :

BNA_N

ClientSampleId :

PB156212BL



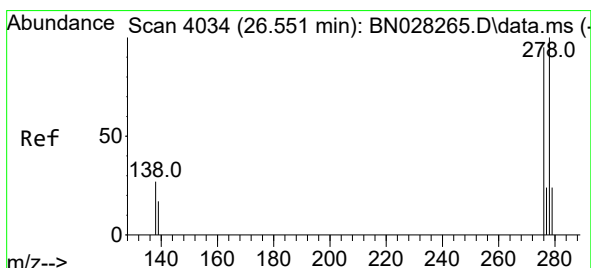
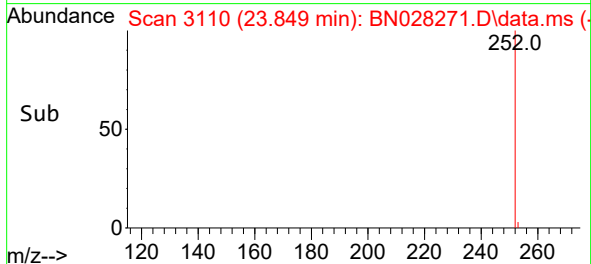
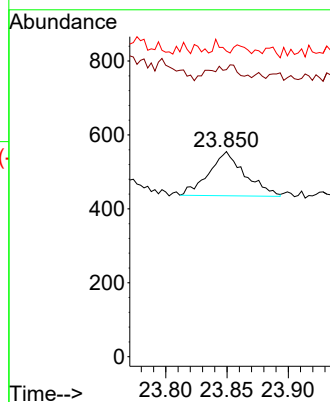
Tgt Ion:252 Resp: 245

Ion Ratio Lower Upper

252 100

253 140.0 22.7 34.1#

125 149.0 17.0 25.6#



#40

Dibenzo(a,h)anthracene

Concen: 0.028 ng

RT: 26.548 min Scan# 4033

Delta R.T. -0.003 min

Lab File: BN028271.D

Acq: 12 Oct 2023 22:00

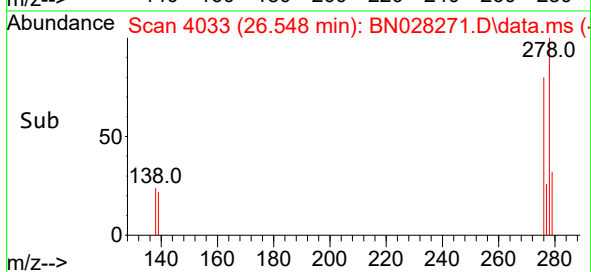
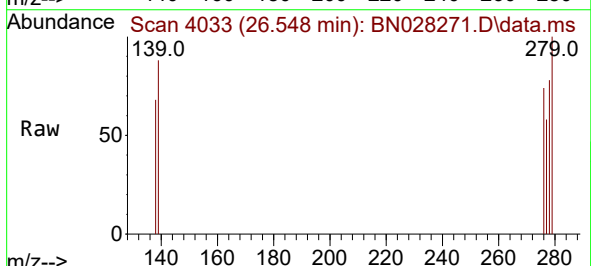
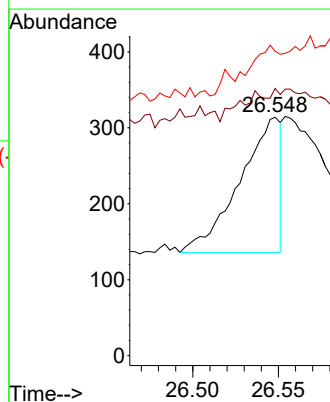
Tgt Ion:278 Resp: 295

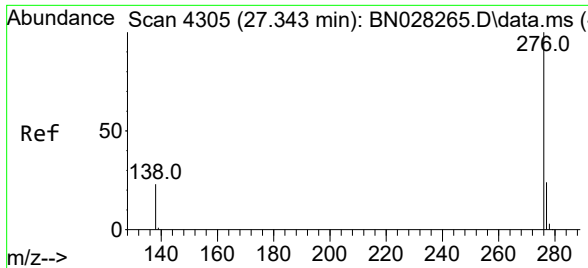
Ion Ratio Lower Upper

278 100

139 112.1 18.8 28.2#

279 127.7 23.5 35.3#





#41

Benzo(g,h,i)perylene

Concen: 0.048 ng

RT: 27.346 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN028271.D

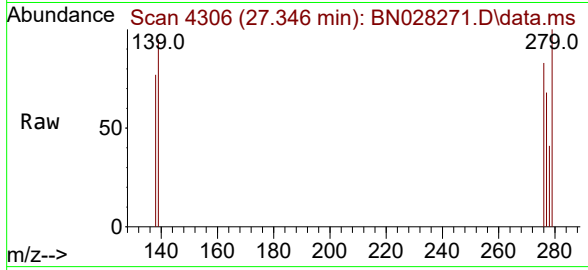
Acq: 12 Oct 2023 22:00

Instrument :

BNA_N

ClientSampleId :

PB156212BL



Tgt Ion:276 Resp: 524

Ion Ratio Lower Upper

276 100

277 81.3 21.7 32.5#

138 92.7 21.7 32.5#

