

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032584.D
 Acq On : 09 Jul 2024 12:50
 Operator : MA/JU
 Sample : P3127-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 09 13:49:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

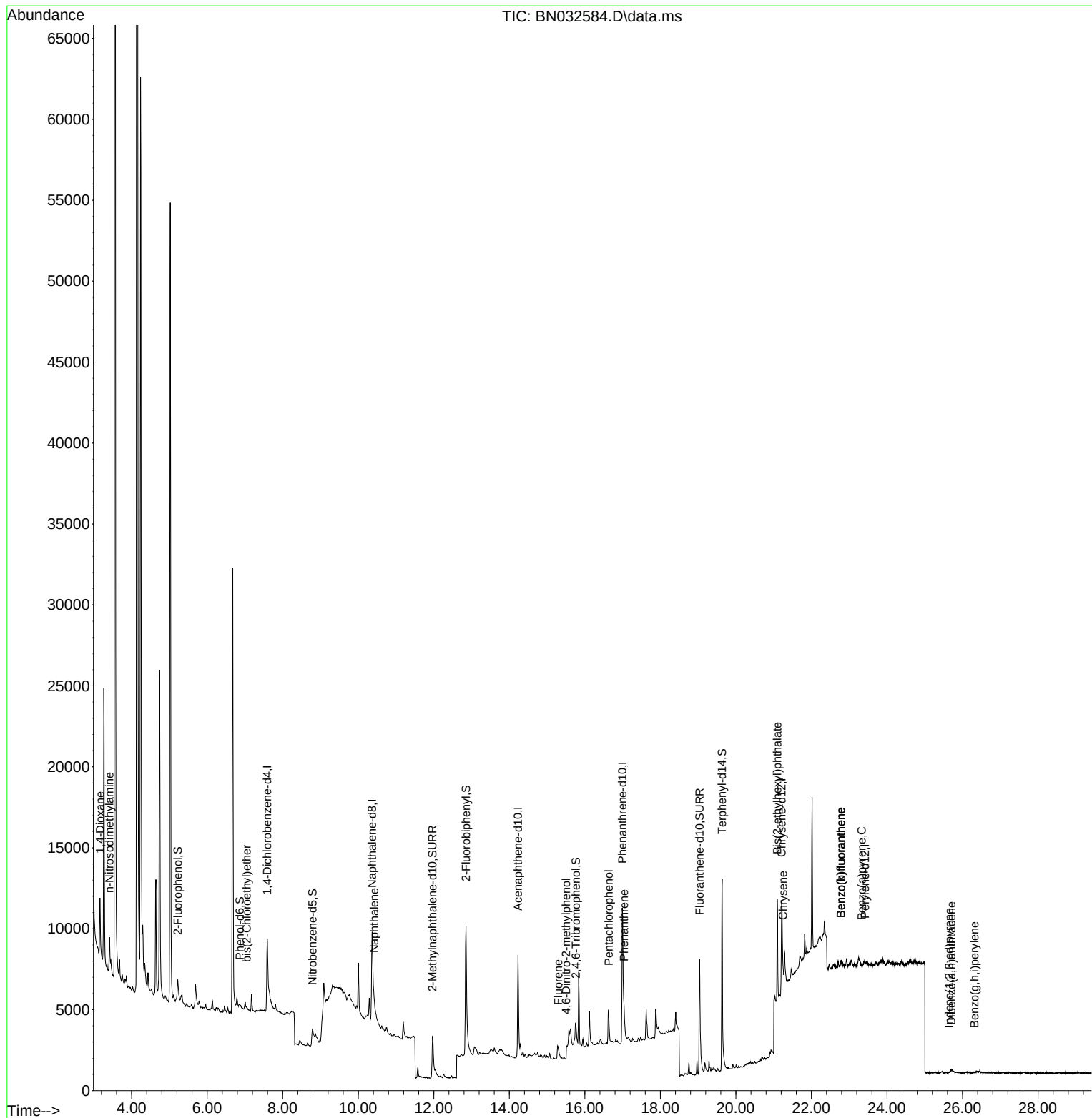
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	4127	0.400	ng	0.00
7) Naphthalene-d8	10.368	136	14100	0.400	ng	#-0.01
13) Acenaphthene-d10	14.231	164	4366	0.400	ng	0.00
19) Phenanthrene-d10	16.991	188	18683	0.400	ng	#-0.01
29) Chrysene-d12	21.211	240	8410	0.400	ng	# 0.00
35) Perylene-d12	23.420	264	8	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	2331	0.224	ng	0.00
5) Phenol-d6	6.866	99	1102	0.083	ng	0.04
8) Nitrobenzene-d5	8.787	82	2316	0.220	ng	-0.01
11) 2-Methylnaphthalene-d10	11.967	152	6255	0.281	ng	-0.02
14) 2,4,6-Tribromophenol	15.762	330	1367	0.691	ng	0.00
15) 2-Fluorobiphenyl	12.852	172	11329	0.704	ng	-0.01
27) Fluoranthene-d10	19.040	212	11311	0.232	ng	0.00
31) Terphenyl-d14	19.634	244	14759	0.719	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.161	88	2628	0.484	ng	# 85
3) n-Nitrosodimethylamine	3.414	42	453	0.115	ng	# 1
6) bis(2-Chloroethyl)ether	7.047	93	21	0.088	ng	# 1
9) Naphthalene	10.421	128	1512	0.039	ng	# 62
18) Fluorene	15.300	166	346	0.020	ng	# 67
20) 4,6-Dinitro-2-methylph...	15.504	198	4	0.198	ng	# 1
24) Pentachlorophenol	16.631	266	232	0.209	ng	# 1
25) Phenanthrene	17.041	178	1141	0.022	ng	# 89
33) Chrysene	21.247	228	779	0.024	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.094	149	6016	0.318	ng	100
36) Indeno(1,2,3-cd)pyrene	25.645	276	3	0.098	ng	# 1
37) Benzo(b)fluoranthene	22.779	252	400	15.002	ng	# 1
38) Benzo(k)fluoranthene	22.779	252	400	13.024	ng	# 1
39) Benzo(a)pyrene	23.332	252	13	0.515	ng	# 1
40) Dibenzo(a,h)anthracene	25.706	278	254	10.472	ng	# 1
41) Benzo(g,h,i)perylene	26.317	276	3	0.114	ng	# 1

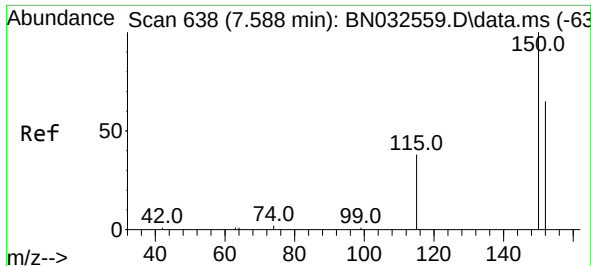
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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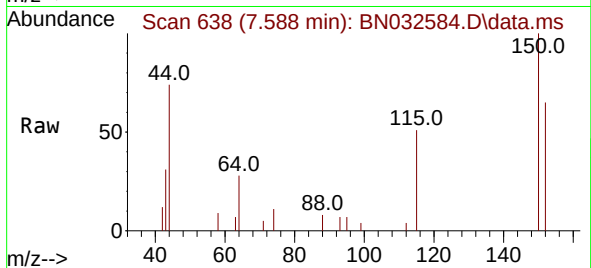
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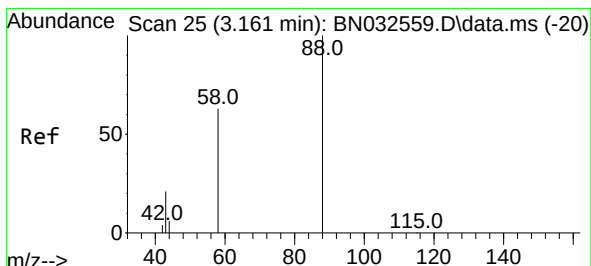
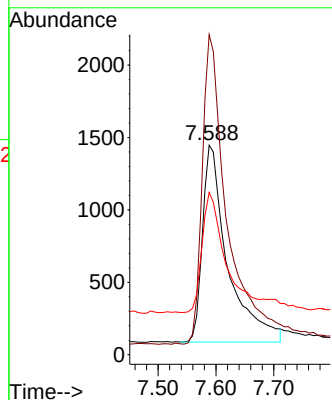
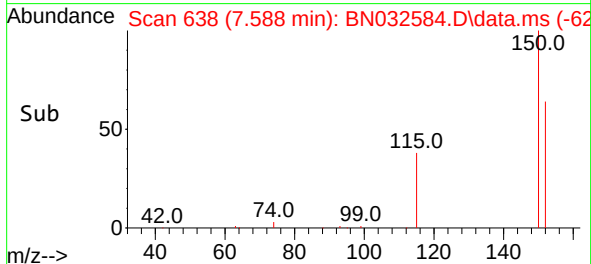


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032584.D
 Acq: 09 Jul 2024 12:50

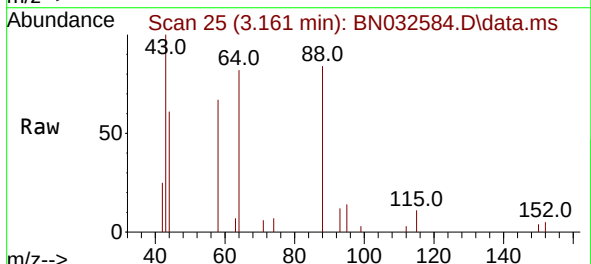
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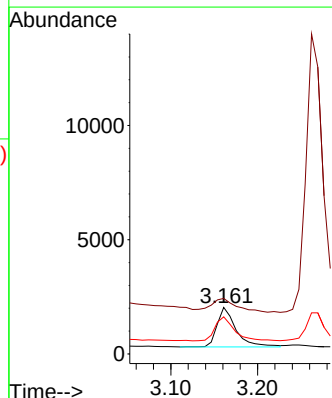
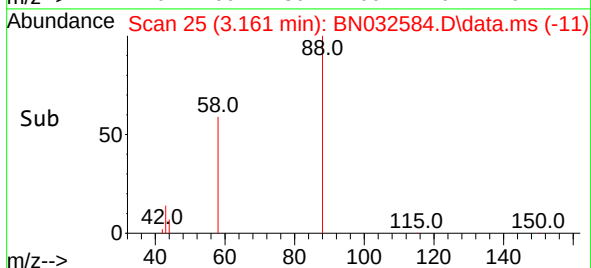
Tgt Ion:152 Resp: 4127
 Ion Ratio Lower Upper
 152 100
 150 152.7 121.6 182.4
 115 77.5 53.1 79.7

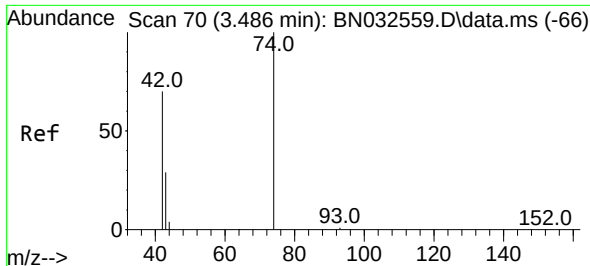


#2
 1,4-Dioxane
 Concen: 0.484 ng
 RT: 3.161 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN032584.D
 Acq: 09 Jul 2024 12:50



Tgt Ion: 88 Resp: 2628
 Ion Ratio Lower Upper
 88 100
 43 48.7 20.4 30.6#
 58 61.6 51.0 76.6

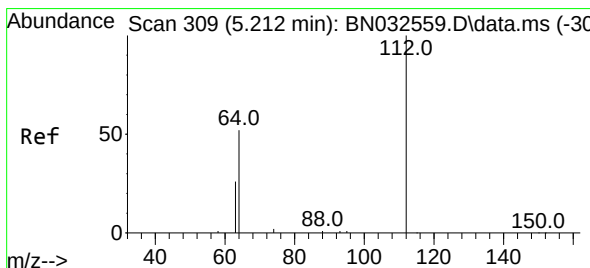
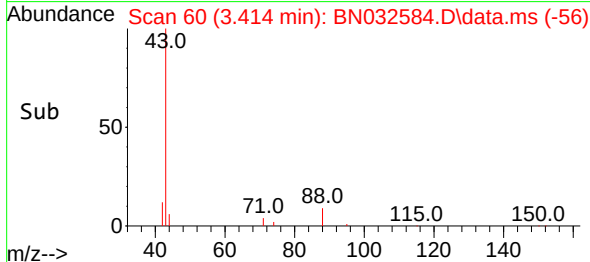
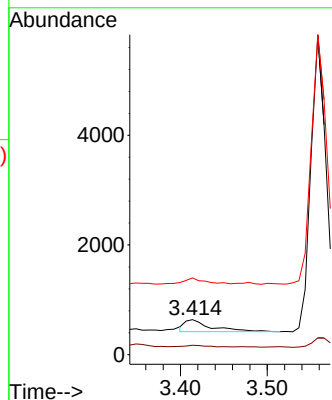
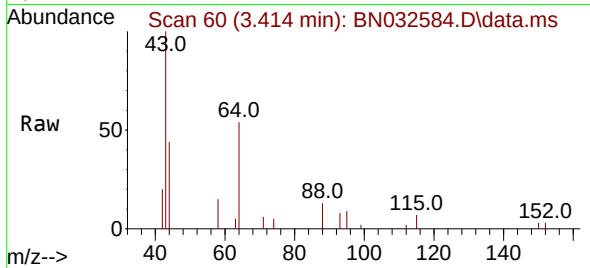




#3
n-Nitrosodimethylamine
Concen: 0.115 ng
RT: 3.414 min Scan# 60
Delta R.T. -0.072 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

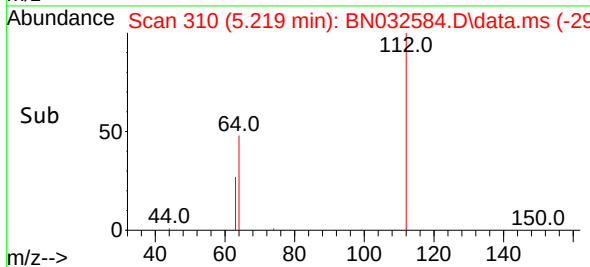
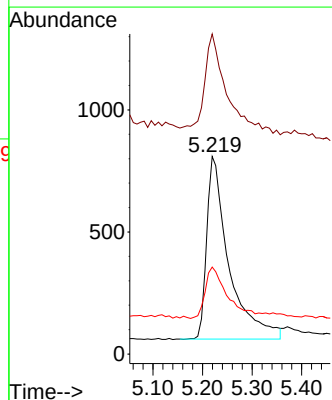
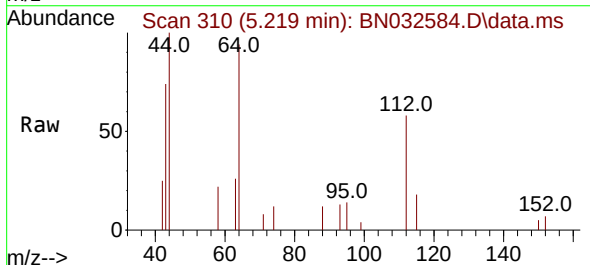
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BNA_N
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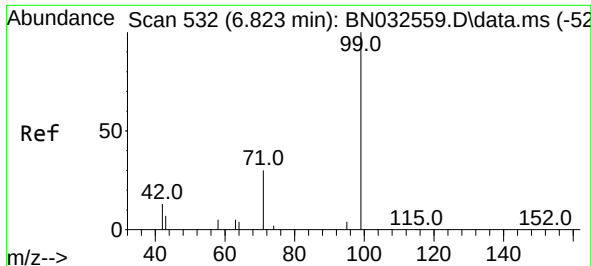
Tgt Ion: 42 Resp: 453
Ion Ratio Lower Upper
42 100
74 9.9 126.8 190.2#
44 31.6 8.7 13.1#



#4
2-Fluorophenol
Concen: 0.224 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Tgt Ion: 112 Resp: 2331
Ion Ratio Lower Upper
112 100
64 57.6 41.2 61.8
63 29.1 21.6 32.4

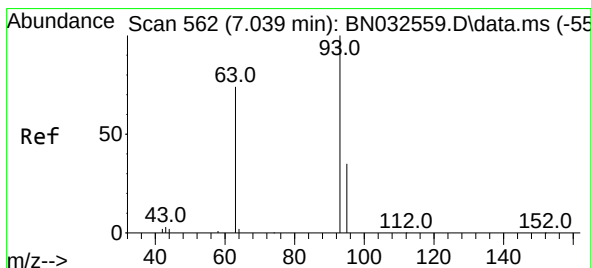
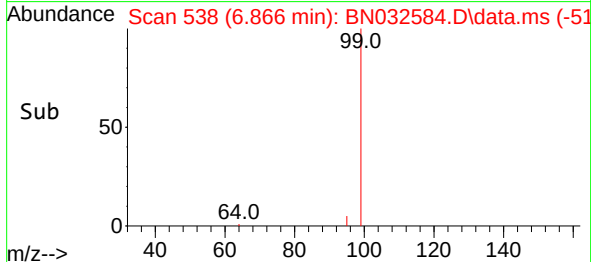
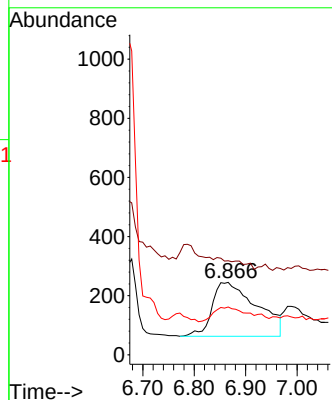
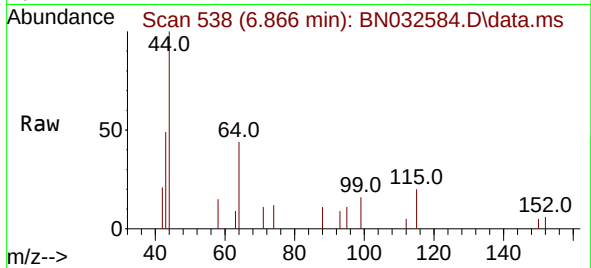




#5
Phenol-d6
Concen: 0.083 ng
RT: 6.866 min Scan# 51
Delta R.T. 0.043 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

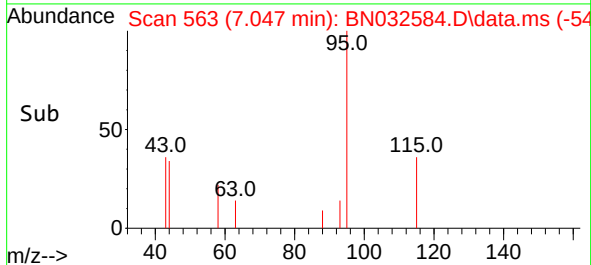
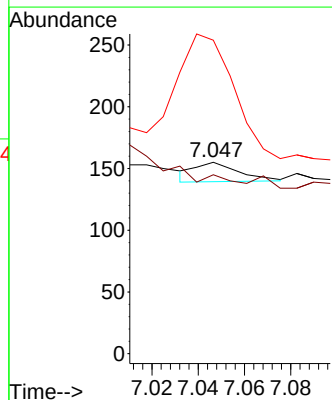
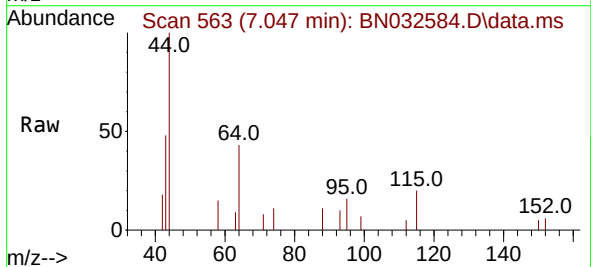
Instrument :
BNA_N
ClientSampleId :

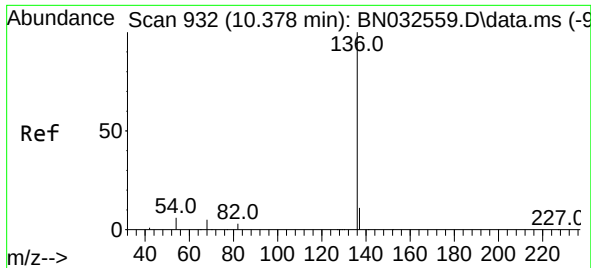
Tgt Ion: 99 Resp: 1102
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 21.6 25.2 37.8#



#6
bis(2-Chloroethyl)ether
Concen: 0.088 ng
RT: 7.047 min Scan# 563
Delta R.T. 0.008 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Tgt Ion: 93 Resp: 21
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 1033.3 30.5 45.7#

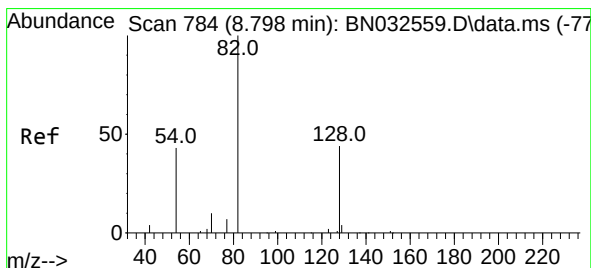
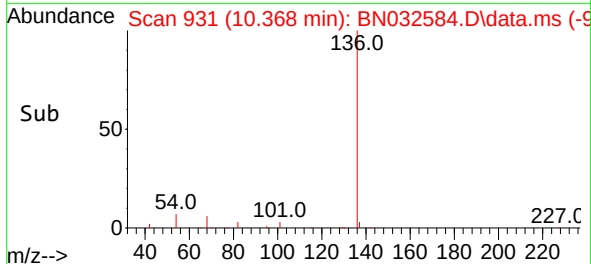
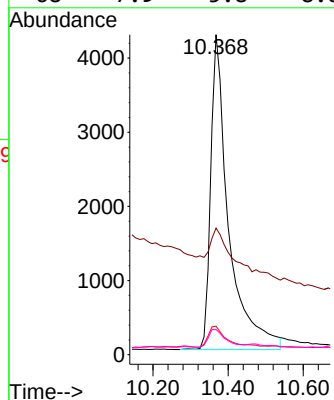
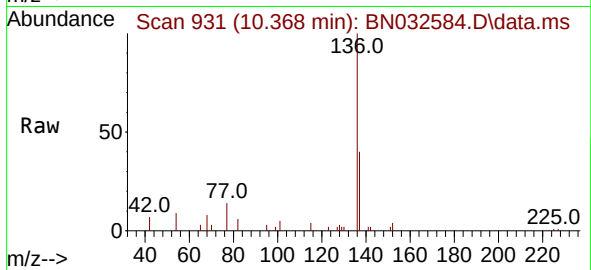




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.368 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

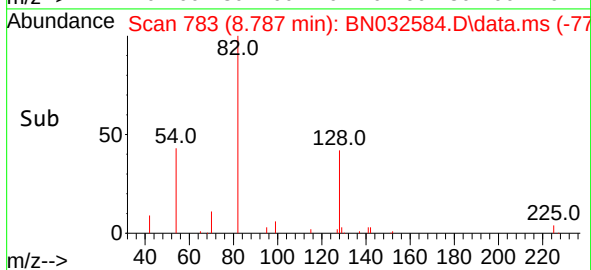
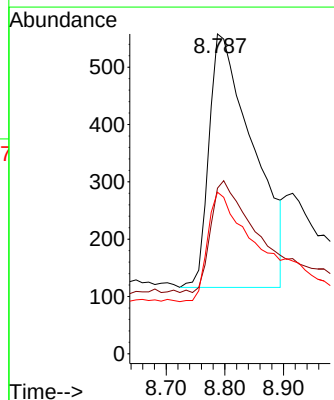
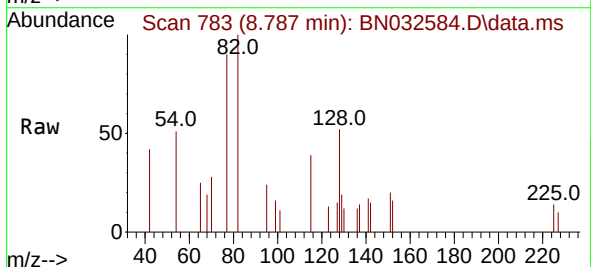
Instrument :
BNA_N
ClientSampleId :

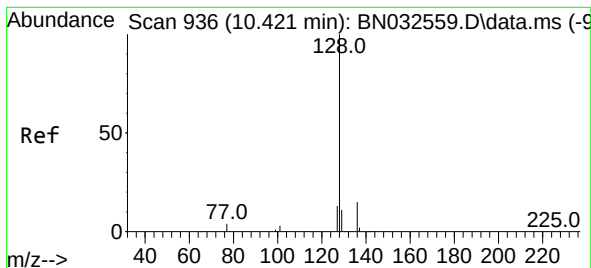
Tgt Ion:136 Resp: 14100
Ion Ratio Lower Upper
136 100
137 39.6 10.0 15.0#
54 8.9 6.6 9.8
68 7.9 5.8 8.8



#8
Nitrobenzene-d5
Concen: 0.220 ng
RT: 8.787 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Tgt Ion: 82 Resp: 2316
Ion Ratio Lower Upper
82 100
128 51.8 43.4 65.2
54 50.5 40.2 60.2





#9

Naphthalene

Concen: 0.039 ng

RT: 10.421 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN032584.D

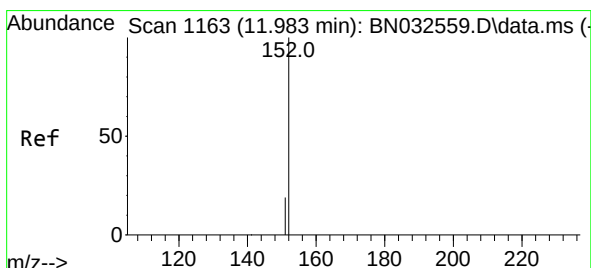
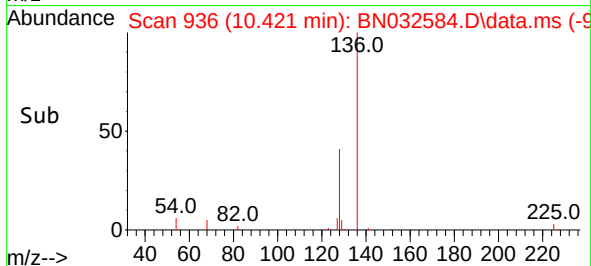
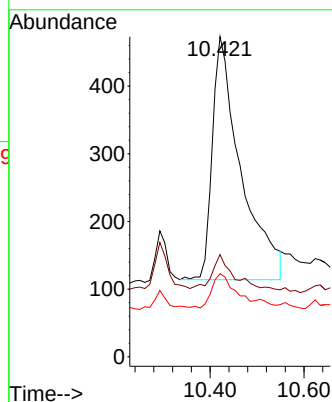
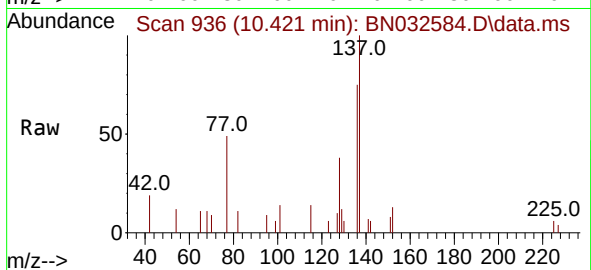
Acq: 09 Jul 2024 12:50

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	128	Resp:	1512
Ion Ratio	Lower	Upper	
128	100		
129	31.9	10.2	15.4#
127	26.0	11.4	17.0#



#11

2-Methylnaphthalene-d10

Concen: 0.281 ng

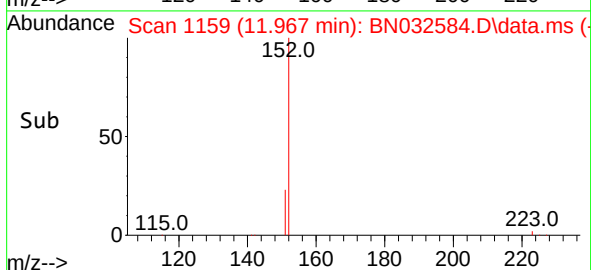
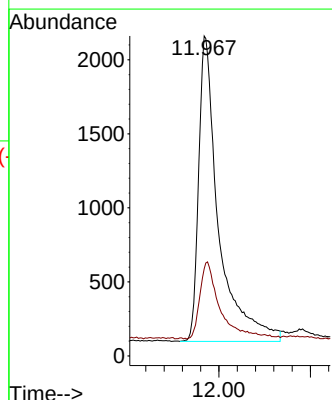
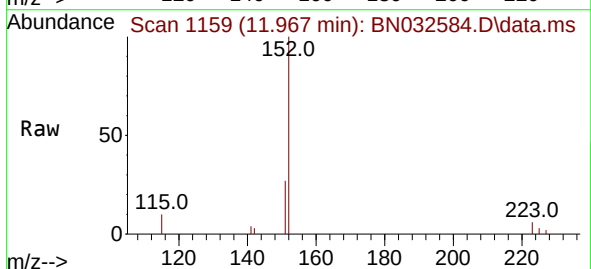
RT: 11.967 min Scan# 1159

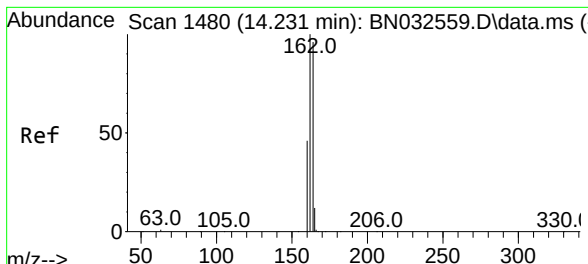
Delta R.T. -0.015 min

Lab File: BN032584.D

Acq: 09 Jul 2024 12:50

Tgt Ion:	152	Resp:	6255
Ion Ratio	Lower	Upper	
152	100		
151	25.3	16.4	24.6#

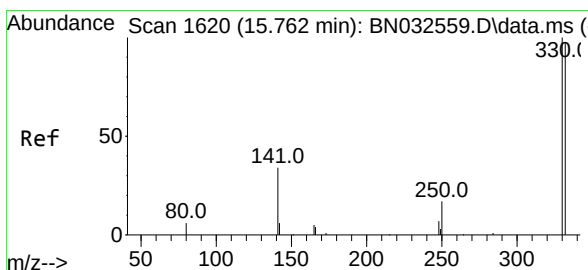
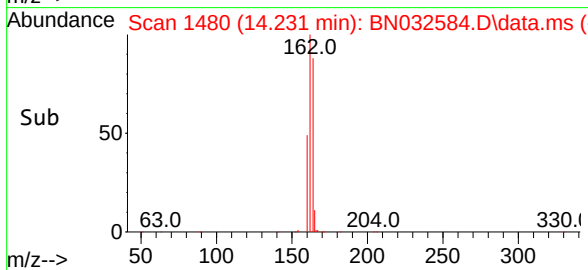
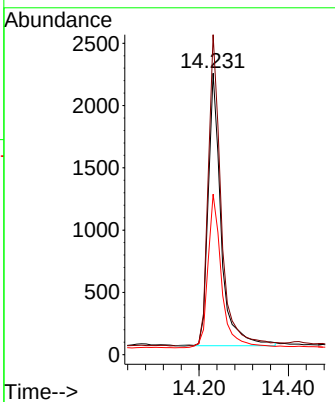
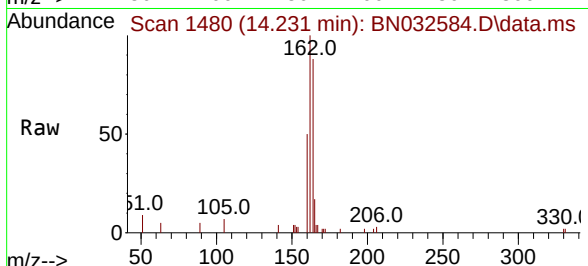




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.231 min Scan# 1480
 Delta R.T. 0.000 min
 Lab File: BN032584.D
 Acq: 09 Jul 2024 12:50

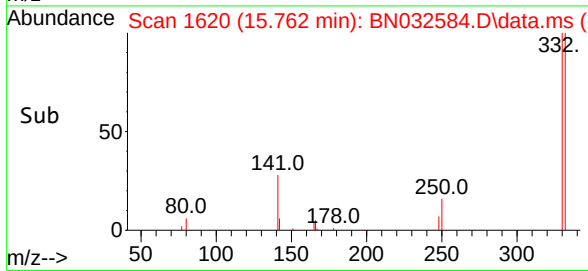
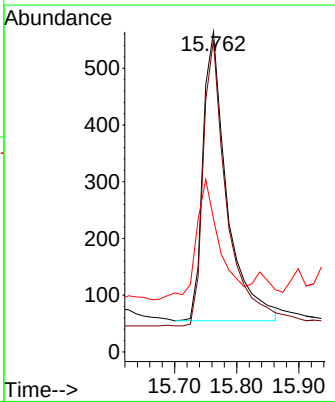
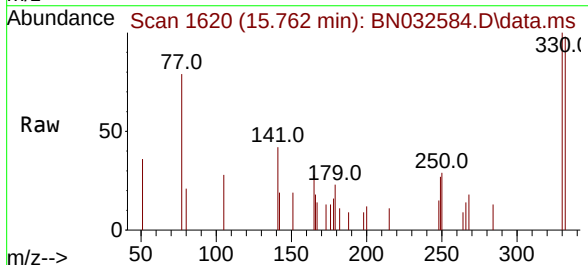
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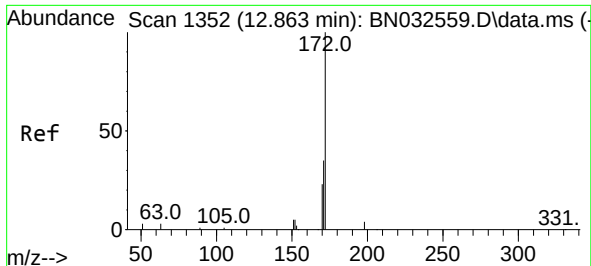
Tgt Ion:	164	Resp:	4366
Ion	Ratio	Lower	Upper
164	100		
162	113.7	83.2	124.8
160	57.1	38.6	57.8



#14
 2,4,6-Tribromophenol
 Concen: 0.691 ng
 RT: 15.762 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: BN032584.D
 Acq: 09 Jul 2024 12:50

Tgt Ion:	330	Resp:	1367
Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.7	116.5
141	36.4	31.8	47.8

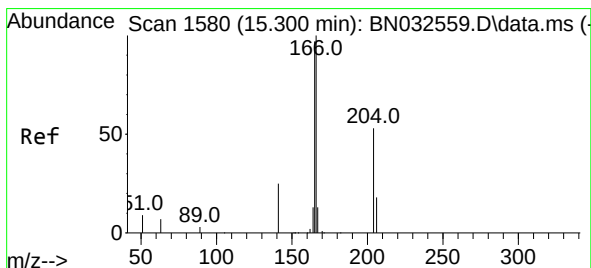
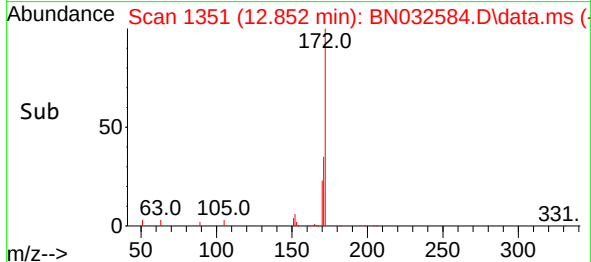
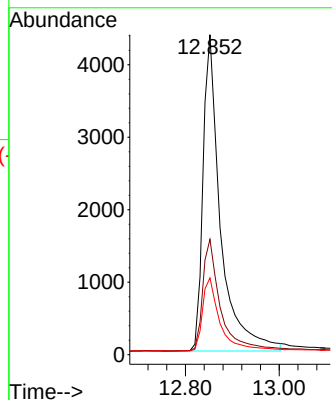
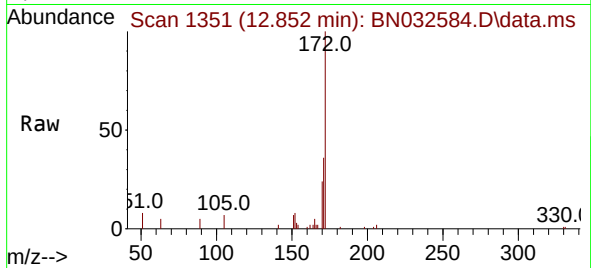




#15
2-Fluorobiphenyl
Concen: 0.704 ng
RT: 12.852 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

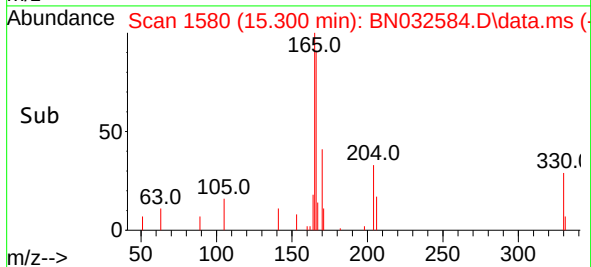
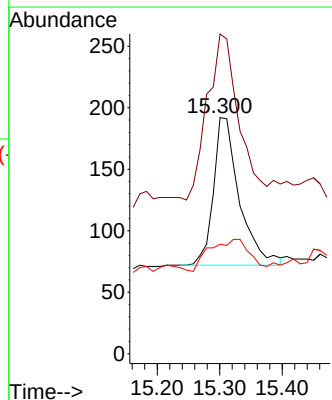
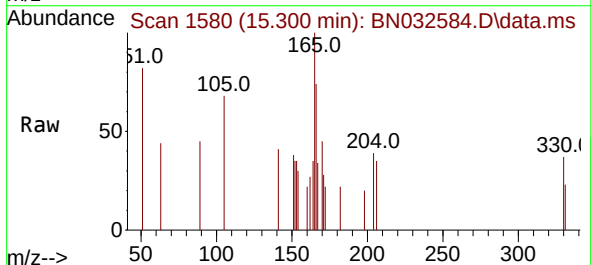
Instrument :
BNA_N
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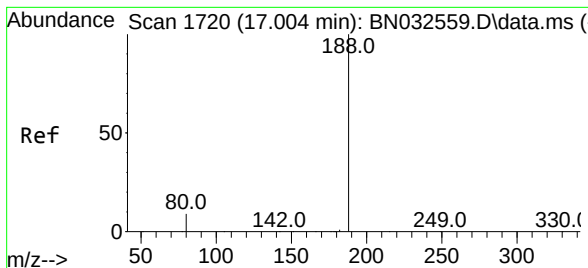
Tgt Ion:172 Resp: 11329
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.0 19.2 28.8



#18
Fluorene
Concen: 0.020 ng
RT: 15.300 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Tgt Ion:166 Resp: 346
Ion Ratio Lower Upper
166 100
165 131.5 78.7 118.1#
167 0.0 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.991 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN032584.D

Acq: 09 Jul 2024 12:50

Instrument :

BNA_N

ClientSampleId :

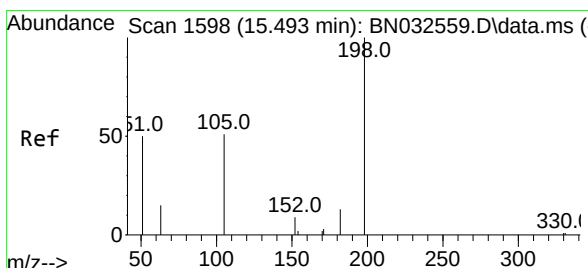
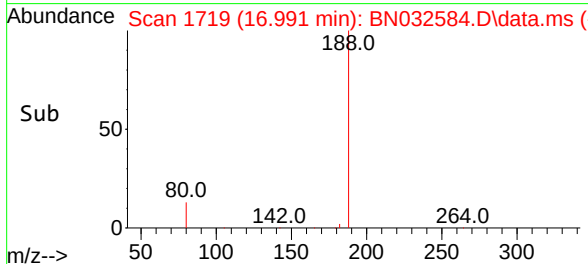
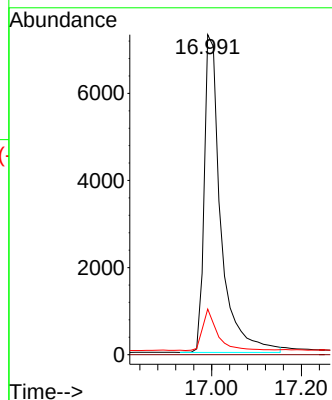
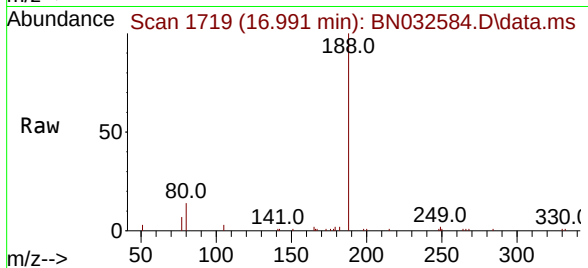
Tgt Ion:188 Resp: 18683

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.3 7.8 11.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.198 ng

RT: 15.504 min Scan# 1599

Delta R.T. 0.011 min

Lab File: BN032584.D

Acq: 09 Jul 2024 12:50

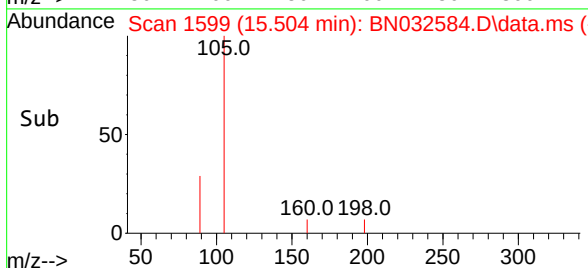
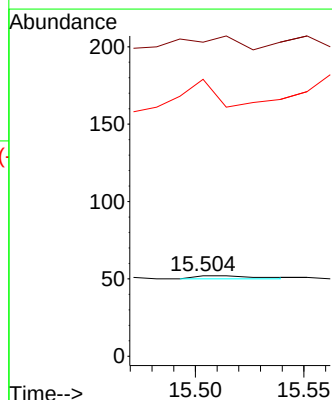
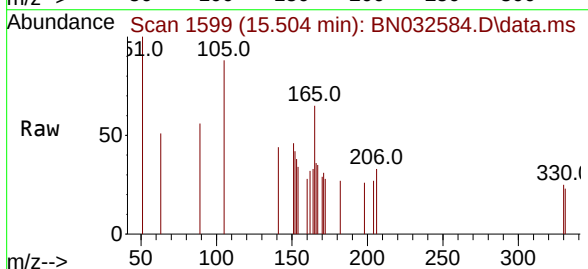
Tgt Ion:198 Resp: 4

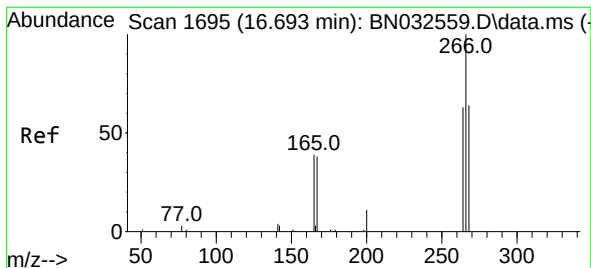
Ion Ratio Lower Upper

198 100

51 390.4 123.4 185.2#

105 344.2 79.5 119.3#





#24

Pentachlorophenol

Concen: 0.209 ng

RT: 16.631 min Scan# 1690

Delta R.T. -0.062 min

Lab File: BN032584.D

Acq: 09 Jul 2024 12:50

Instrument :

BNA_N

ClientSampleId :

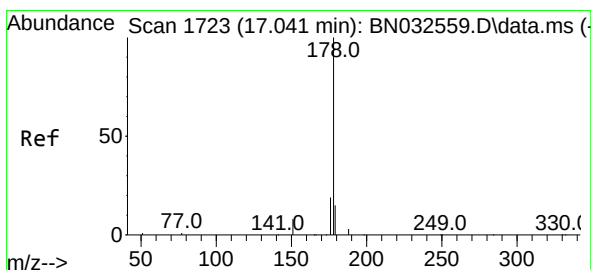
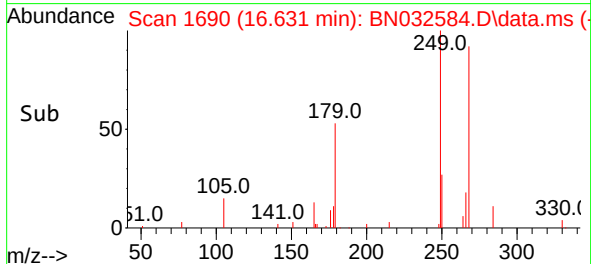
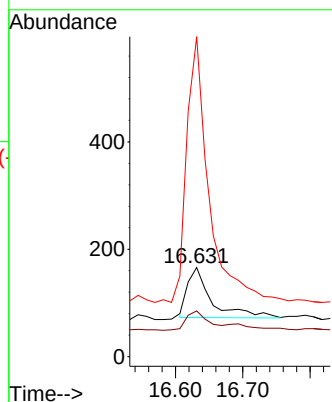
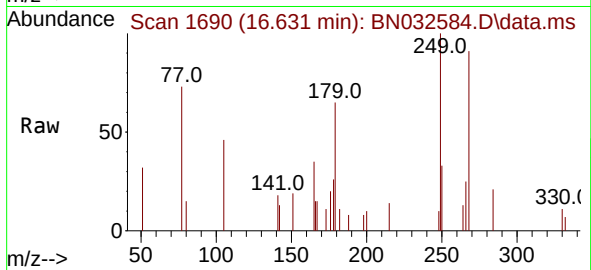
Tgt Ion:266 Resp: 232

Ion Ratio Lower Upper

266 100

264 28.9 49.6 74.4#

268 478.0 52.2 78.2#



#25

Phenanthrene

Concen: 0.022 ng

RT: 17.041 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BN032584.D

Acq: 09 Jul 2024 12:50

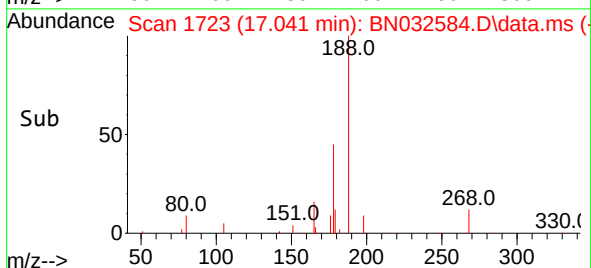
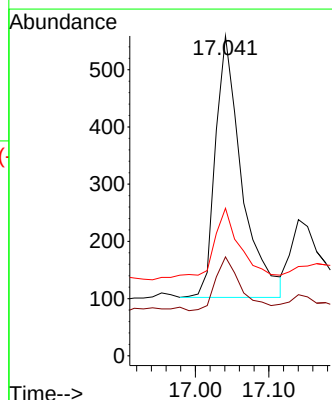
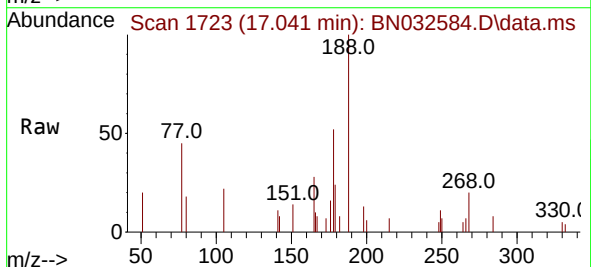
Tgt Ion:178 Resp: 1141

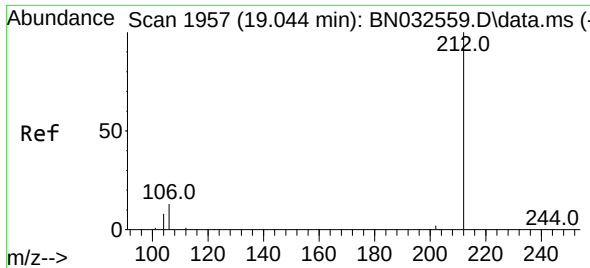
Ion Ratio Lower Upper

178 100

176 19.8 15.2 22.8

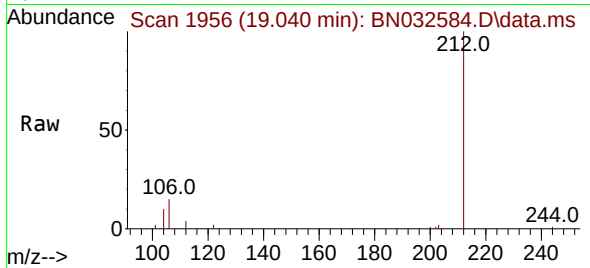
179 24.9 12.2 18.4#



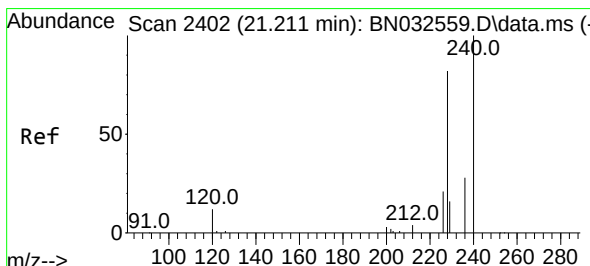
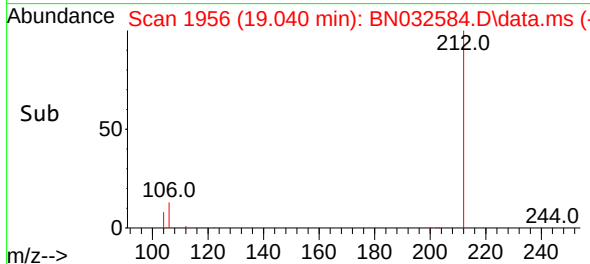
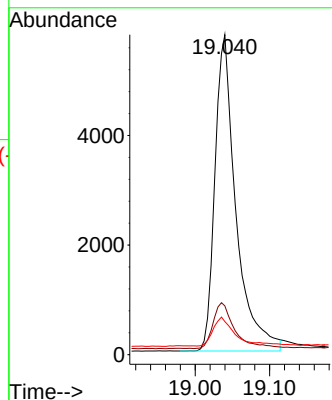


#27
Fluoranthene-d10
Concen: 0.232 ng
RT: 19.040 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Instrument :
BNA_N
ClientSampleId :

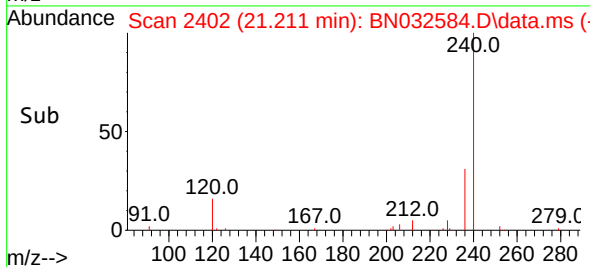
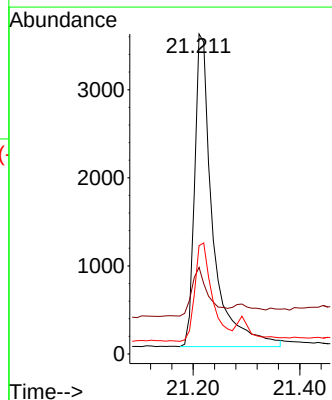
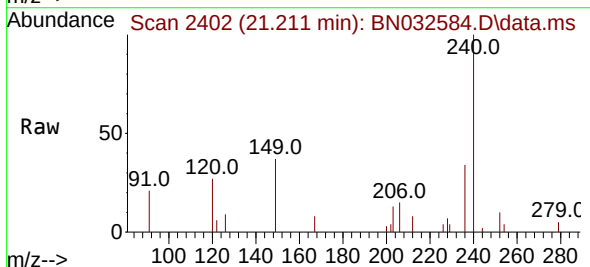


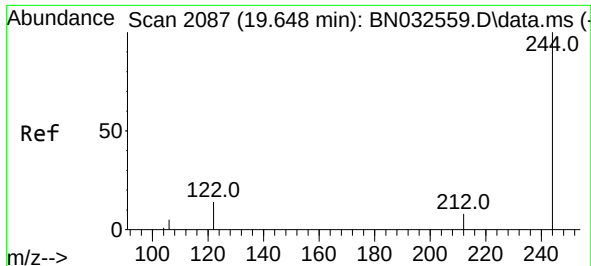
Tgt Ion:212 Resp: 11311
Ion Ratio Lower Upper
212 100
106 15.0 11.8 17.8
104 9.6 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

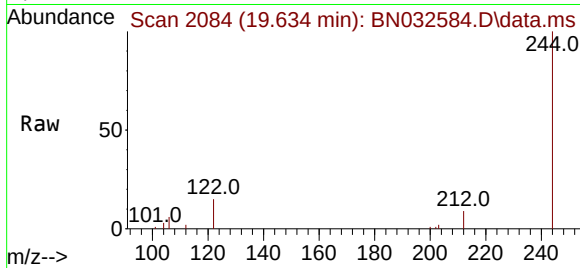
Tgt Ion:240 Resp: 8410
Ion Ratio Lower Upper
240 100
120 27.1 13.0 19.4#
236 33.9 23.1 34.7



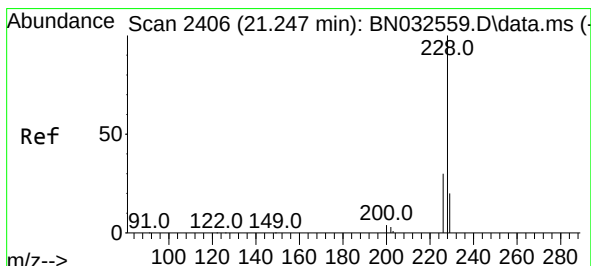
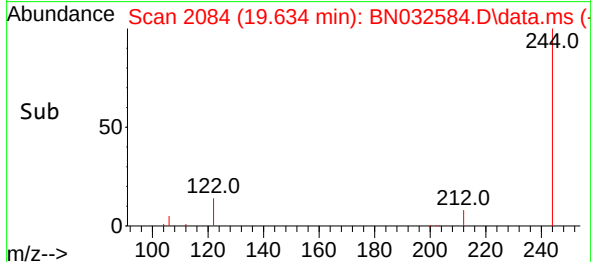
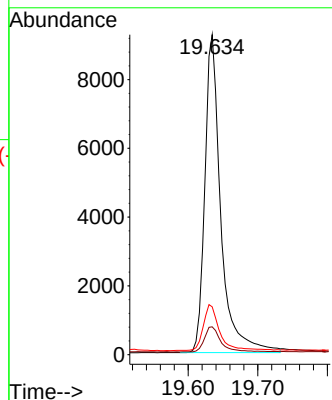


#31
 Terphenyl-d14
 Concen: 0.719 ng
 RT: 19.634 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN032584.D
 Acq: 09 Jul 2024 12:50

Instrument :
 BNA_N
 ClientSampleId :

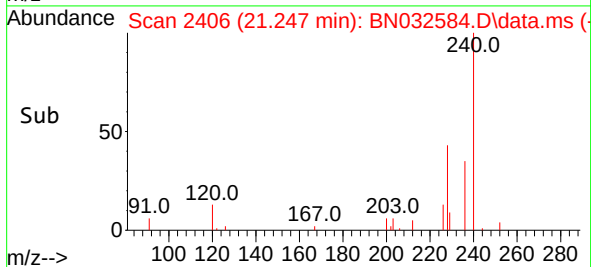
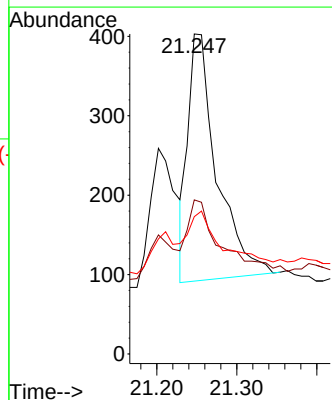
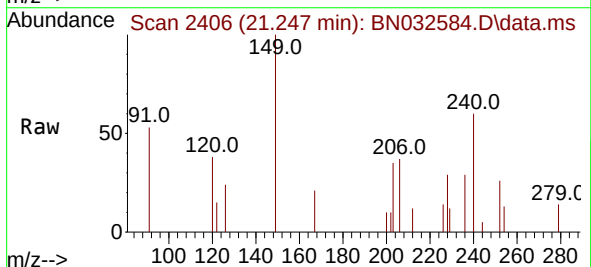


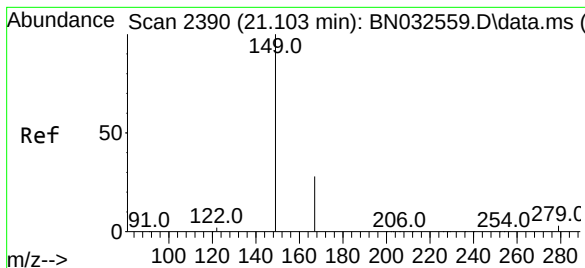
Tgt Ion:244 Resp: 14759
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.2 10.8
 122 14.9 12.1 18.1



#33
 Chrysene
 Concen: 0.024 ng
 RT: 21.247 min Scan# 2406
 Delta R.T. 0.000 min
 Lab File: BN032584.D
 Acq: 09 Jul 2024 12:50

Tgt Ion:228 Resp: 779
 Ion Ratio Lower Upper
 228 100
 226 48.1 24.1 36.1#
 229 42.9 16.1 24.1#

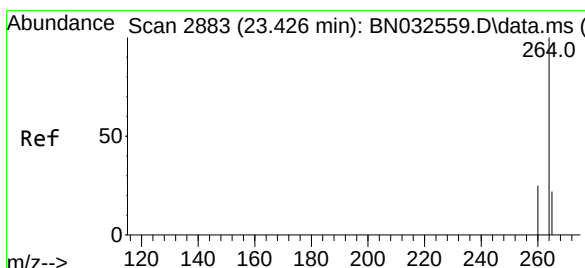
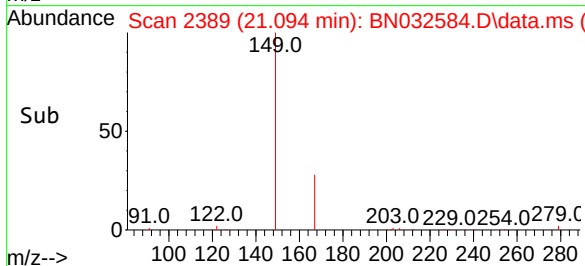
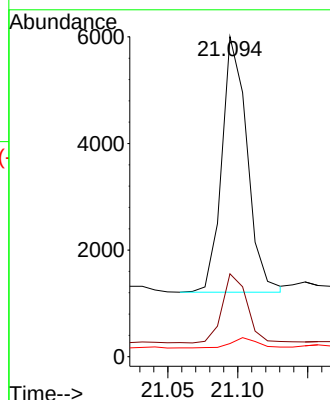
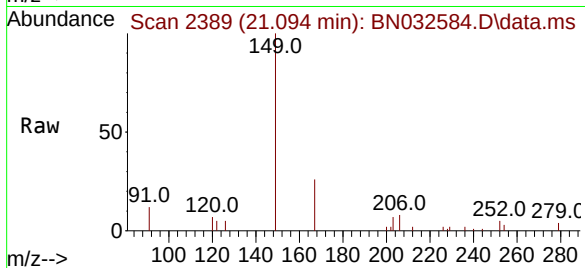




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.318 ng
RT: 21.094 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

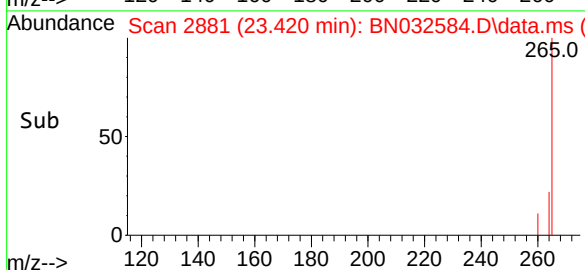
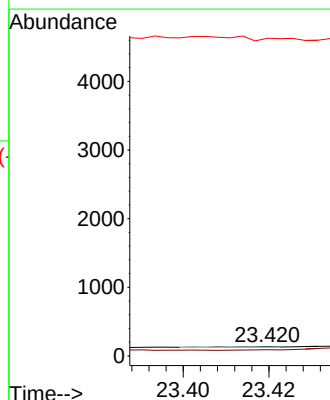
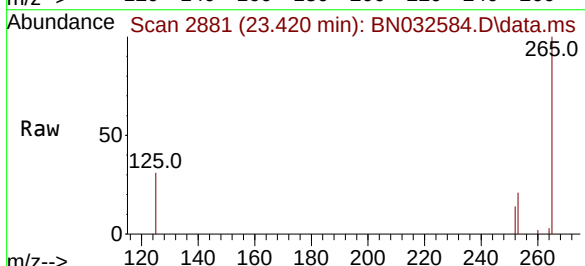
Instrument :
BNA_N
ClientSampleId :

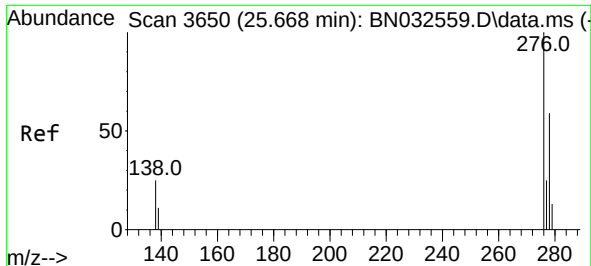
Tgt Ion:149 Resp: 6016
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 4.1 3.0 4.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.420 min Scan# 2881
Delta R.T. -0.006 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

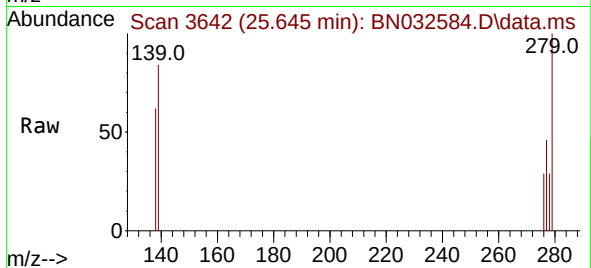
Tgt Ion:264 Resp: 8
Ion Ratio Lower Upper
264 100
260 66.9 21.0 31.6#
265 3404.4 76.6 115.0#



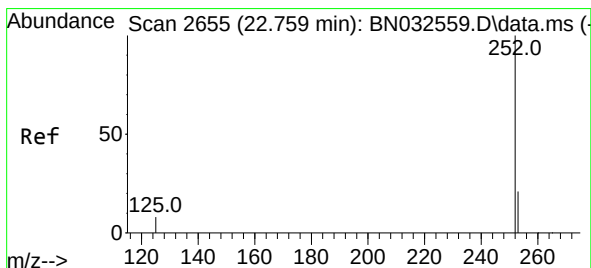
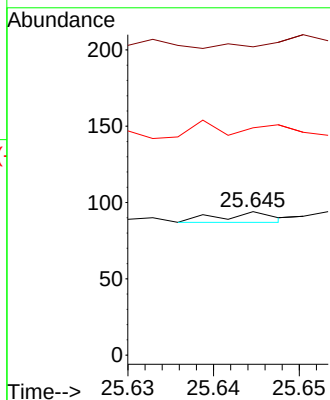
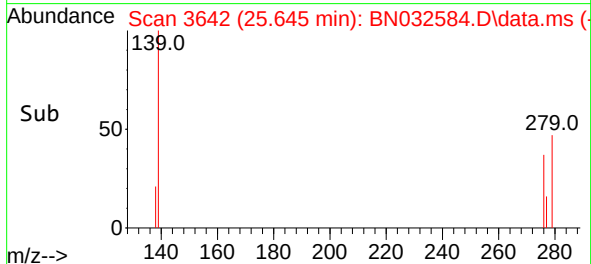


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng
RT: 25.645 min Scan# 30
Delta R.T. -0.023 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Instrument :
BNA_N
ClientSampleId :

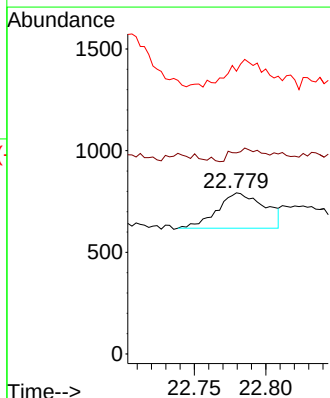
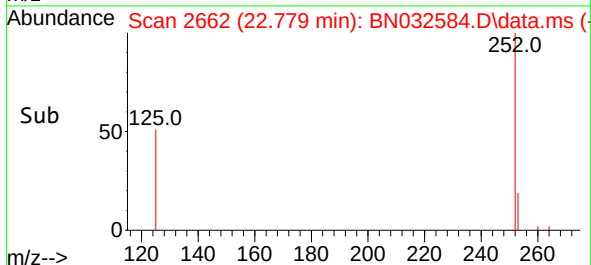
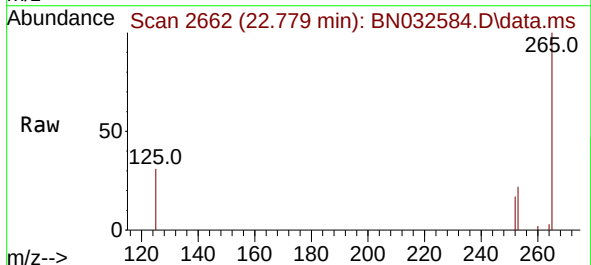


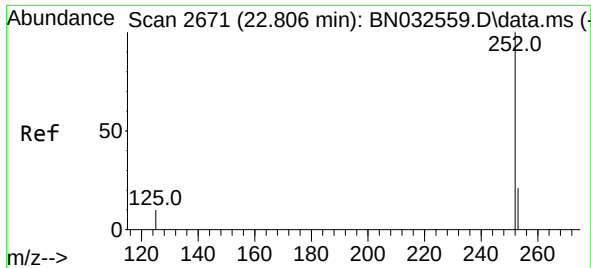
Tgt Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
138 0.0 21.4 32.0#
277 100.0 19.9 29.9#



#37
Benzo(b)fluoranthene
Concen: 15.002 ng
RT: 22.779 min Scan# 2662
Delta R.T. 0.020 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

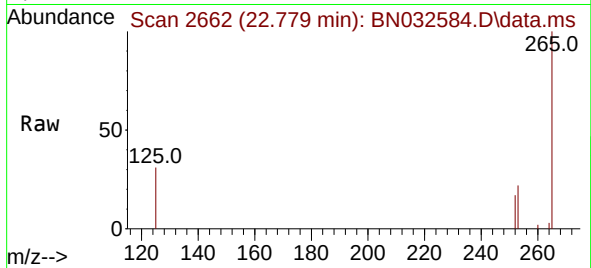
Tgt Ion:252 Resp: 400
Ion Ratio Lower Upper
252 100
253 124.7 22.2 33.4#
125 175.4 15.4 23.0#



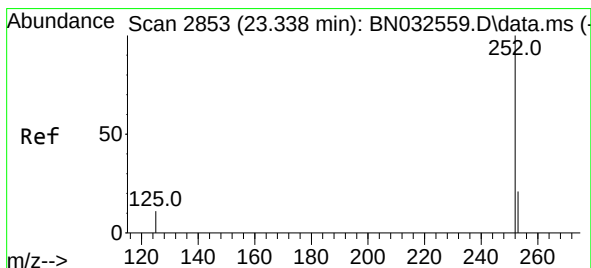
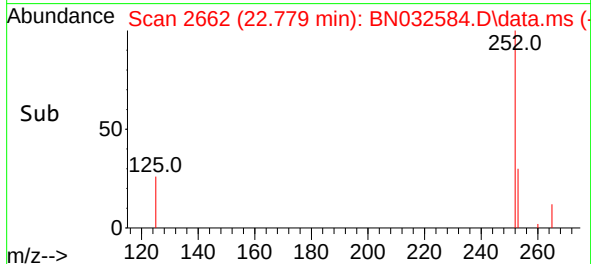
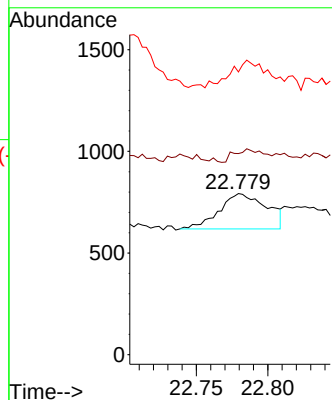


#38
Benzo(k)fluoranthene
Concen: 13.024 ng
RT: 22.779 min Scan# 2662
Delta R.T. -0.026 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Instrument :
BNA_N
ClientSampleId :

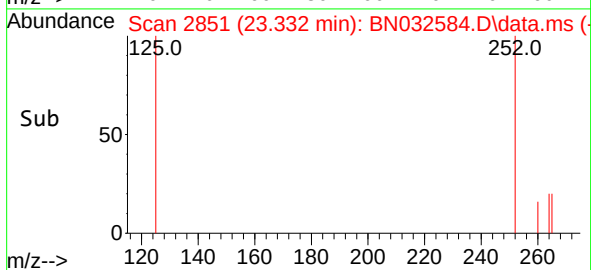
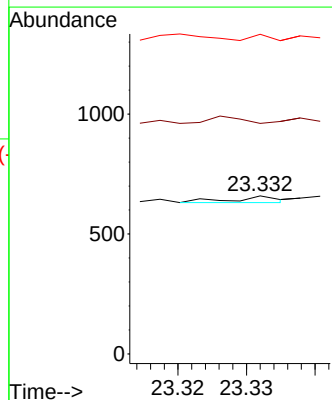
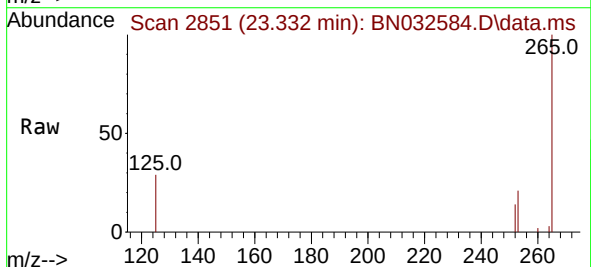


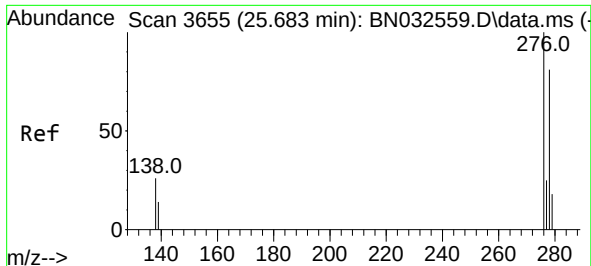
Tgt Ion:252 Resp: 400
Ion Ratio Lower Upper
252 100
253 124.7 21.9 32.9#
125 175.4 15.3 22.9#



#39
Benzo(a)pyrene
Concen: 0.515 ng
RT: 23.332 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

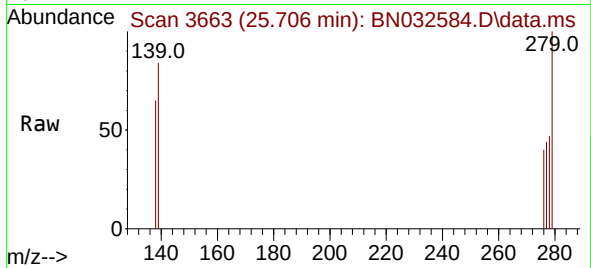
Tgt Ion:252 Resp: 13
Ion Ratio Lower Upper
252 100
253 145.8 25.5 38.3#
125 202.3 20.7 31.1#



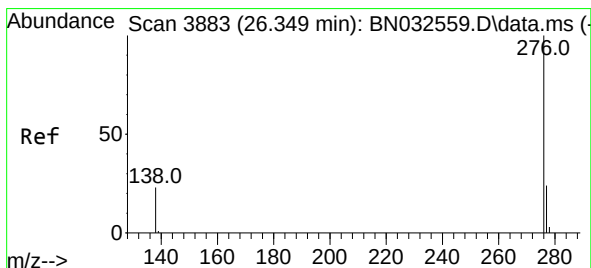
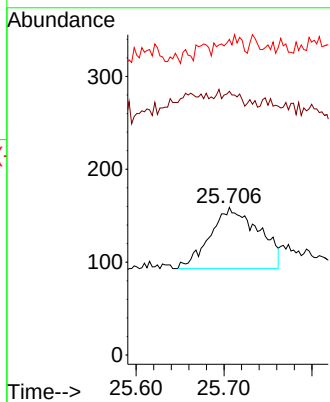
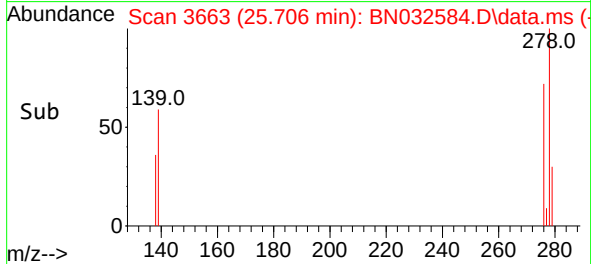


#40
Dibenzo(a,h)anthracene
Concen: 10.472 ng
RT: 25.706 min Scan# 30
Delta R.T. 0.023 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 254
Ion Ratio Lower Upper
278 100
139 178.6 17.8 26.6#
279 213.8 24.4 36.6#



#41
Benzo(g,h,i)perylene
Concen: 0.114 ng
RT: 26.317 min Scan# 3872
Delta R.T. -0.032 min
Lab File: BN032584.D
Acq: 09 Jul 2024 12:50

Tgt Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
277 160.0 21.5 32.3#
138 209.5 21.4 32.0#

