

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
 Data File : BN035223.D
 Acq On : 21 Nov 2024 15:48
 Operator : RC/JU
 Sample : P4866-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP200-20241114

Quant Time: Nov 21 16:50:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:00:03 2024
 Response via : Initial Calibration

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

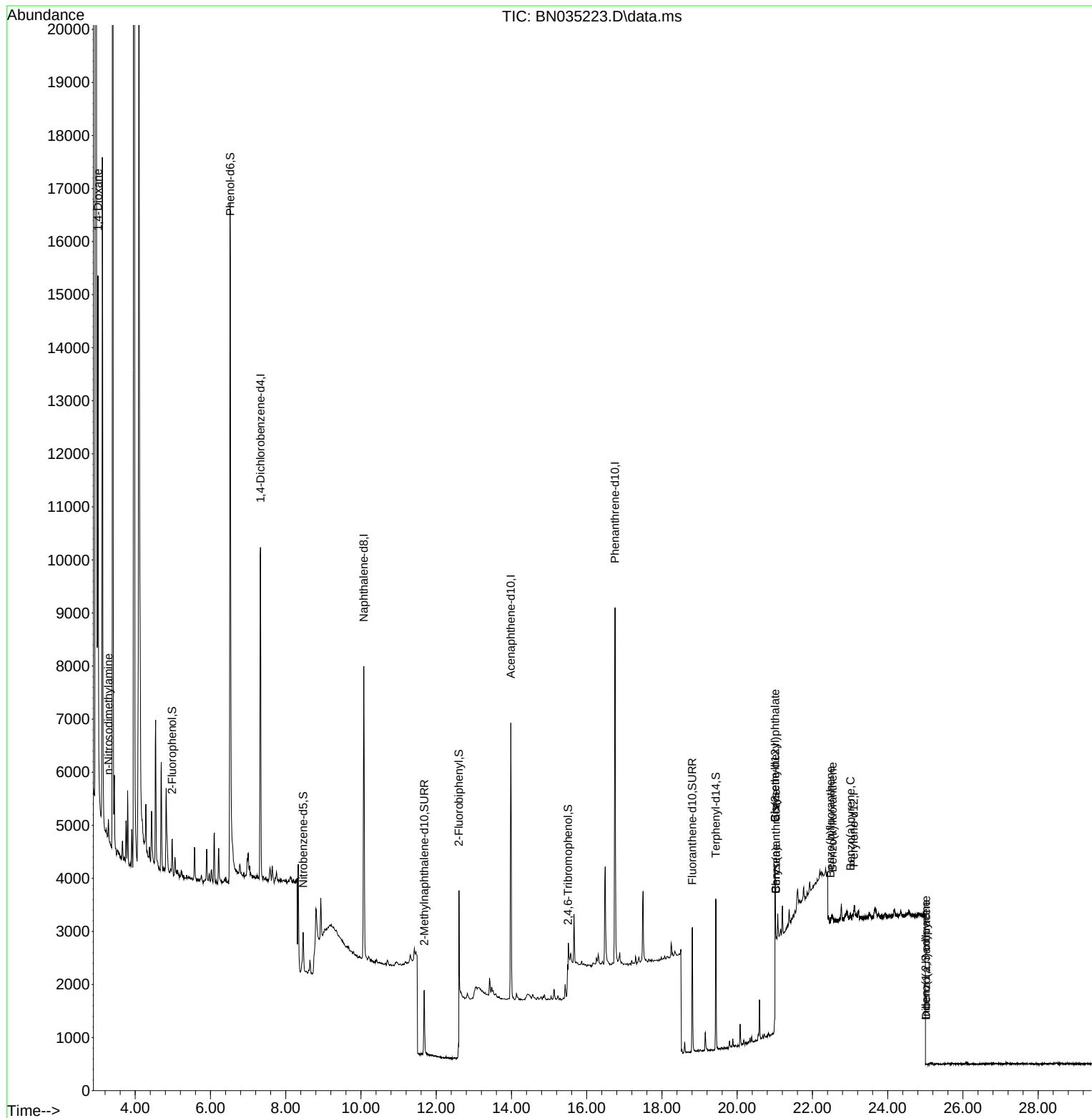
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.329	152	3104	0.400	ng	0.00
7) Naphthalene-d8	10.073	136	7479	0.400	ng	# 0.00
13) Acenaphthene-d10	13.983	164	2812	0.400	ng	0.00
19) Phenanthrene-d10	16.753	188	9268	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	1000	0.400	ng	# 0.00
35) Perylene-d12	23.102	264	155	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.982	112	545	0.069	ng	0.00
5) Phenol-d6	6.528	99	485	0.049	ng	0.00
8) Nitrobenzene-d5	8.461	82	1112	0.171	ng	0.00
11) 2-Methylnaphthalene-d10	11.682	152	1734	0.130	ng	0.00
14) 2,4,6-Tribromophenol	15.501	330	642	0.316	ng	0.00
15) 2-Fluorobiphenyl	12.604	172	1472	0.129	ng	0.00
27) Fluoranthene-d10	18.804	212	2648	0.093	ng	0.00
31) Terphenyl-d14	19.436	244	2773	1.322	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.011	88	6115	2.169	ng	91
3) n-Nitrosodimethylamine	3.285	42	55	0.021	ng	# 1
32) Benzo(a)anthracene	21.033	228	361	0.104	ng	# 1
33) Chrysene	21.033	228	361	0.105	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.006	149	753	0.412	ng	# 85
36) Indeno(1,2,3-cd)pyrene	25.011	276	35	0.057	ng	# 1
37) Benzo(b)fluoranthene	22.479	252	31	0.059	ng	# 1
38) Benzo(k)fluoranthene	22.532	252	50	0.096	ng	# 1
39) Benzo(a)pyrene	23.011	252	13	0.028	ng	# 1
40) Dibenzo(a,h)anthracene	25.017	278	69	0.141	ng	# 1

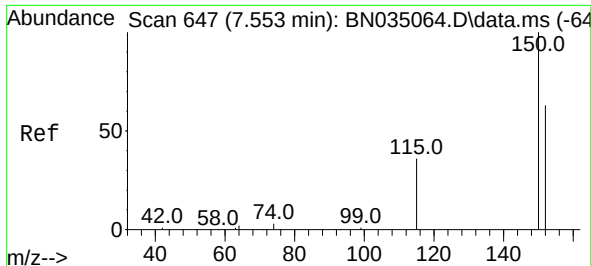
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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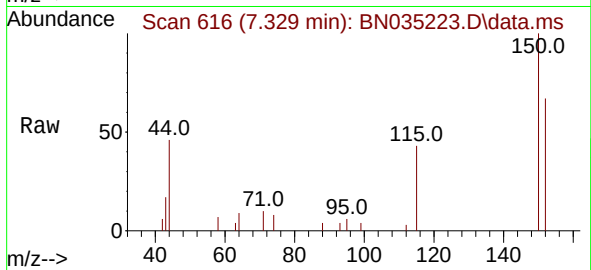
Quant Time: Nov 21 16:50:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
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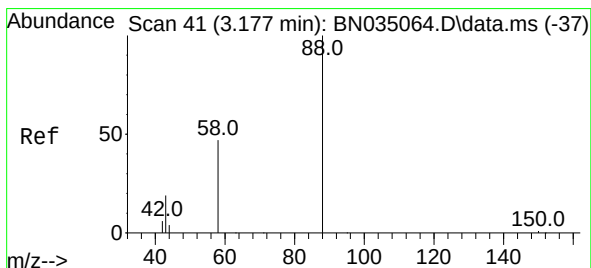
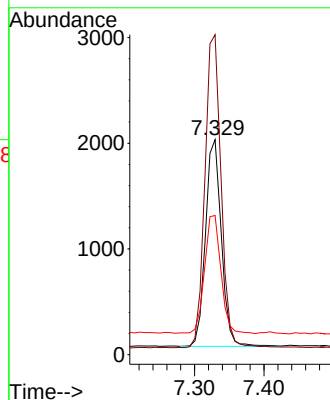
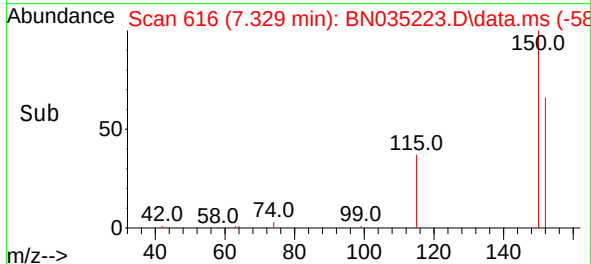


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.329 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

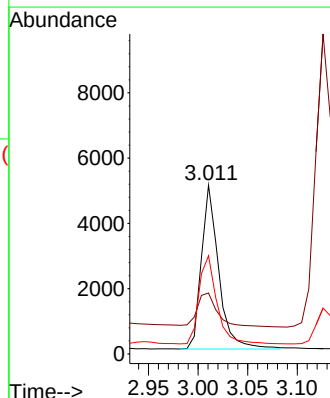
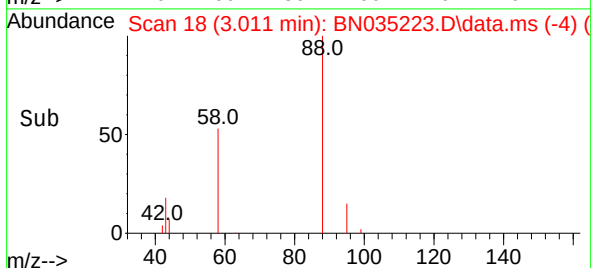
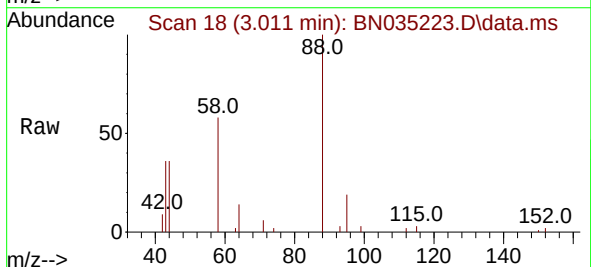


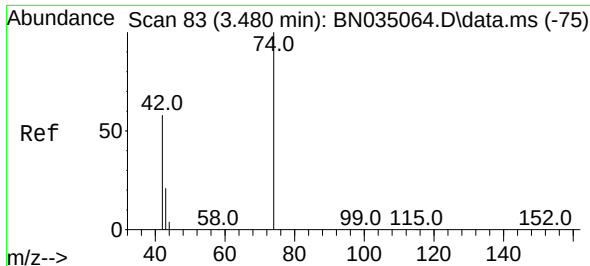
Tgt Ion:152 Resp: 3104
Ion Ratio Lower Upper
152 100
150 148.8 124.5 186.7
115 64.7 47.8 71.6



#2
1,4-Dioxane
Concen: 2.169 ng
RT: 3.011 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Tgt Ion: 88 Resp: 6115
Ion Ratio Lower Upper
88 100
43 24.3 16.9 25.3
58 55.6 39.0 58.4





#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.285 min Scan# 5

Delta R.T. -0.022 min

Lab File: BN035223.D

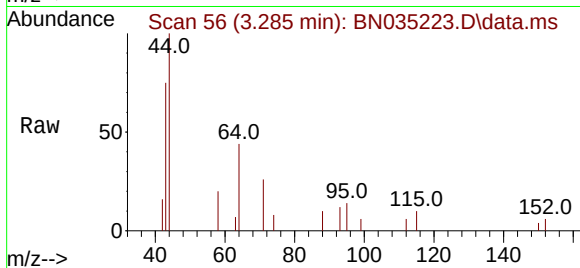
Acq: 21 Nov 2024 15:48

Instrument :

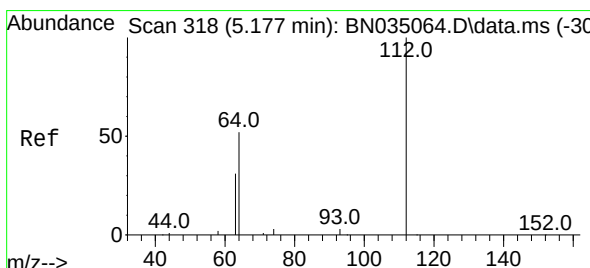
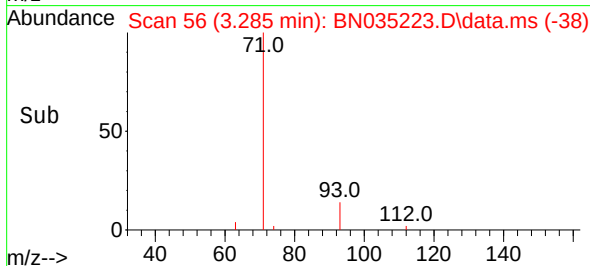
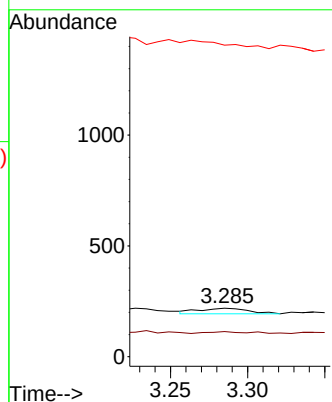
BNA_N

ClientSampleId :

RW7-SP200-20241114



Tgt Ion:	42	Resp:	55
Ion	Ratio	Lower	Upper
42	100		
74	20.0	120.8	181.2#
44	0.0	2.9	4.3#



#4

2-Fluorophenol

Concen: 0.069 ng

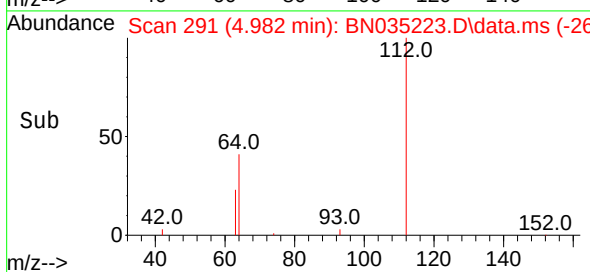
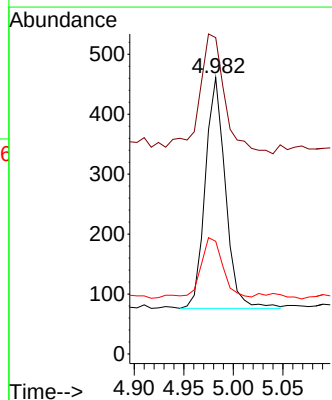
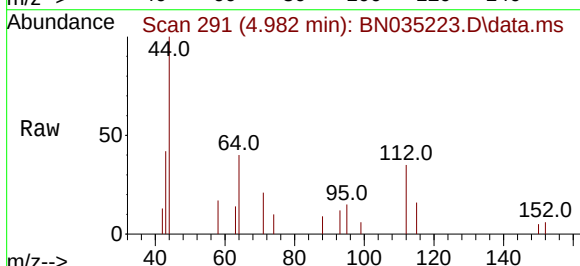
RT: 4.982 min Scan# 291

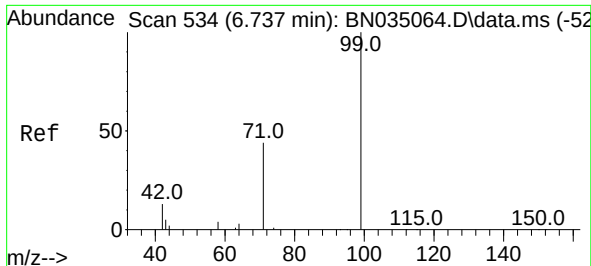
Delta R.T. -0.000 min

Lab File: BN035223.D

Acq: 21 Nov 2024 15:48

Tgt Ion:	112	Resp:	545
Ion	Ratio	Lower	Upper
112	100		
64	67.0	39.7	59.5#
63	29.5	23.0	34.4

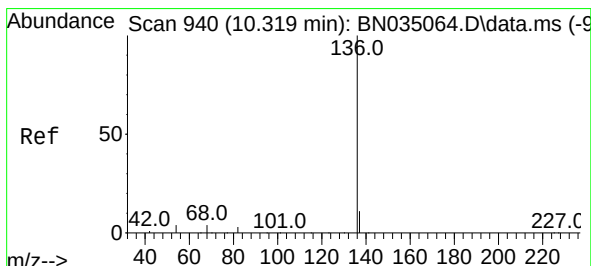
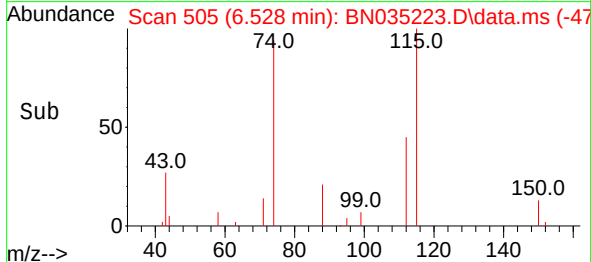
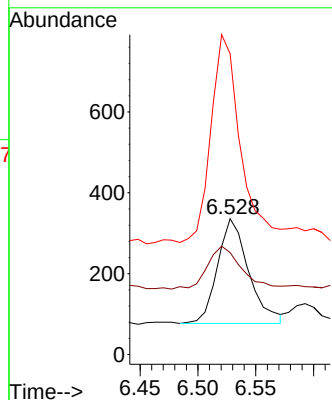
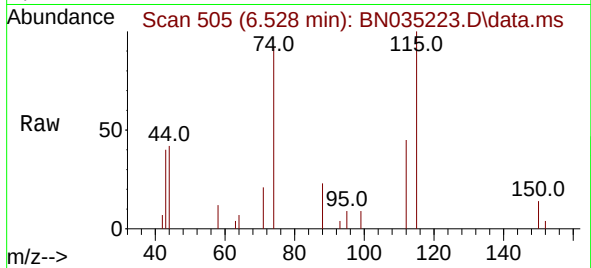




#5
Phenol-d6
Concen: 0.049 ng
RT: 6.528 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

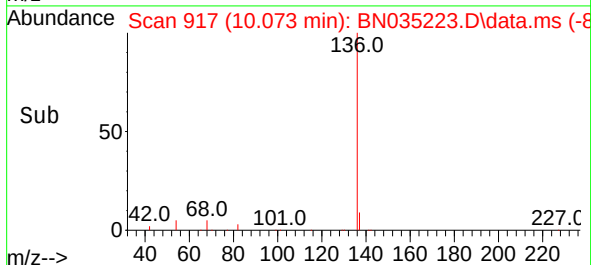
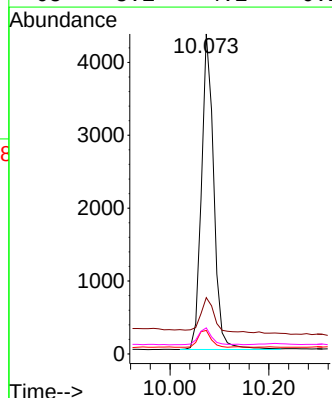
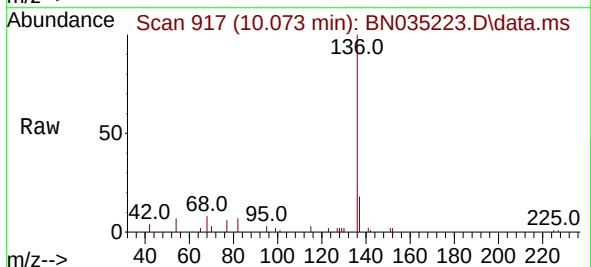
Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

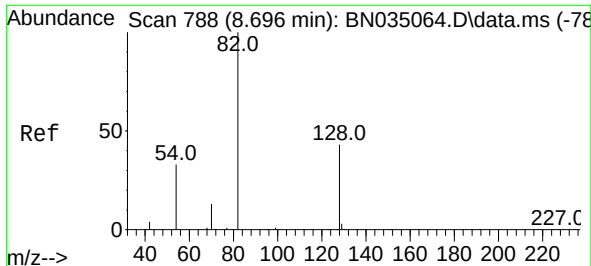
Tgt Ion: 99 Resp: 485
Ion Ratio Lower Upper
99 100
42 43.1 11.4 17.0#
71 212.8 34.6 51.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.073 min Scan# 917
Delta R.T. -0.000 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Tgt Ion:136 Resp: 7479
Ion Ratio Lower Upper
136 100
137 17.6 9.8 14.8#
54 7.3 4.0 6.0#
68 8.1 4.2 6.2#

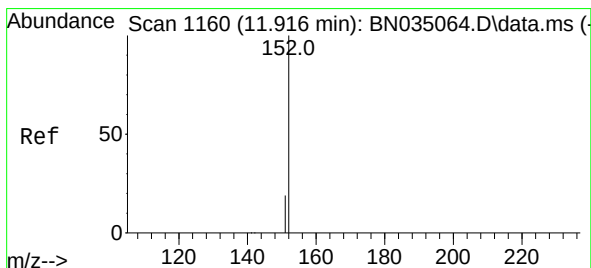
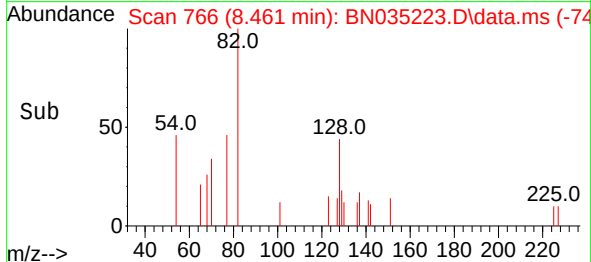
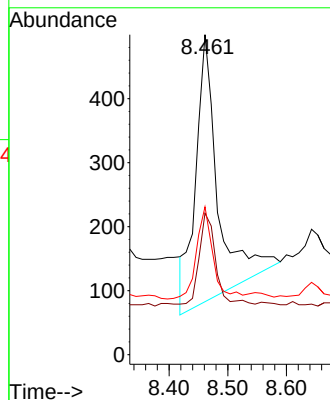
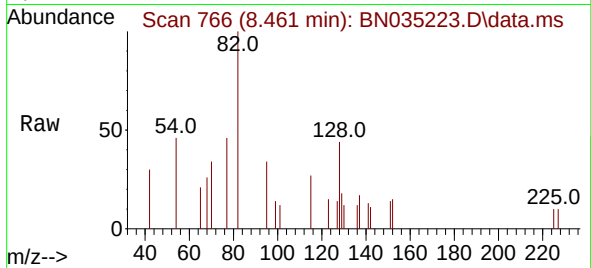




#8
Nitrobenzene-d5
Concen: 0.171 ng
RT: 8.461 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

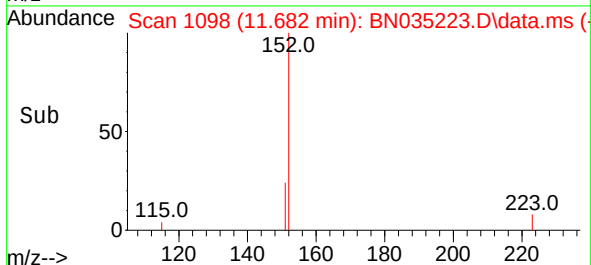
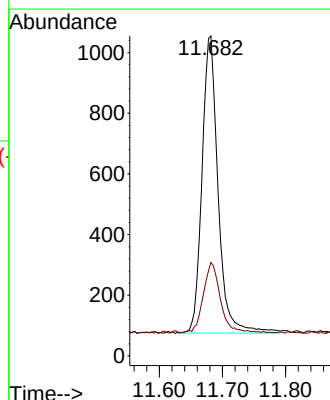
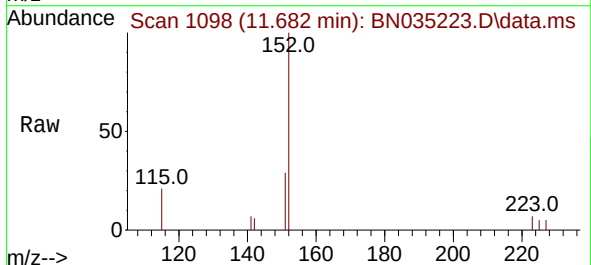
Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

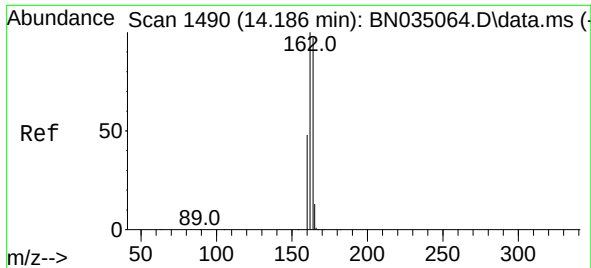
Tgt Ion: 82 Resp: 1112
Ion Ratio Lower Upper
82 100
128 44.2 36.5 54.7
54 46.2 28.7 43.1#



#11
2-Methylnaphthalene-d10
Concen: 0.130 ng
RT: 11.682 min Scan# 1098
Delta R.T. 0.004 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Tgt Ion: 152 Resp: 1734
Ion Ratio Lower Upper
152 100
151 25.0 16.2 24.4#

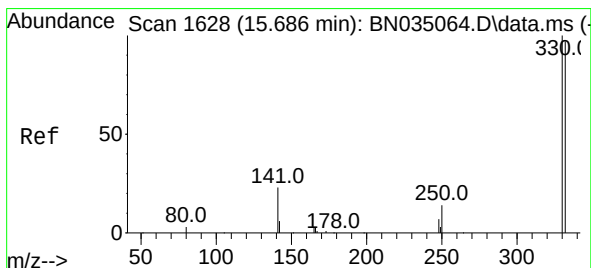
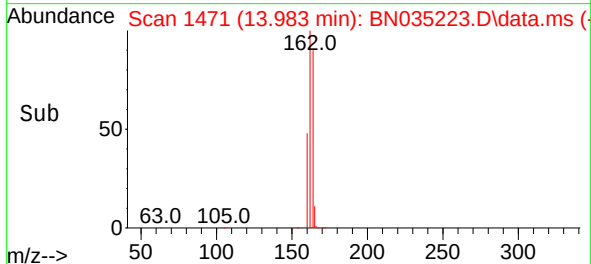
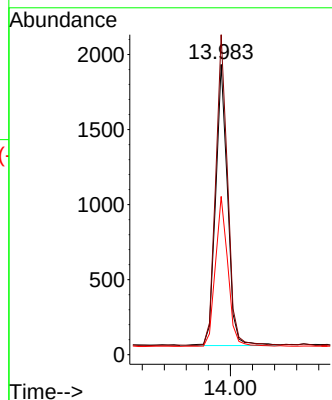
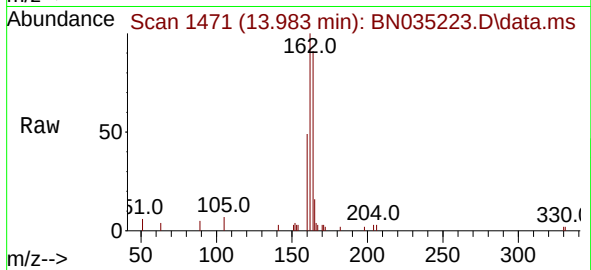




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.983 min Scan# 14
Delta R.T. -0.004 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

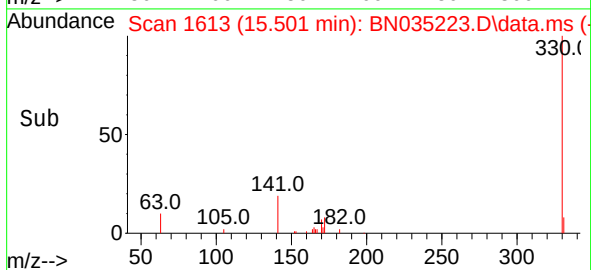
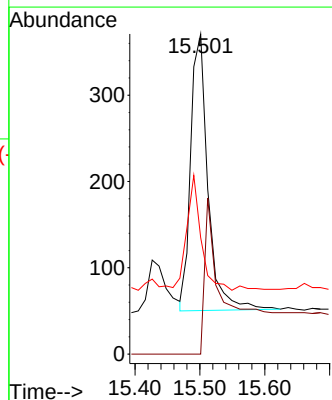
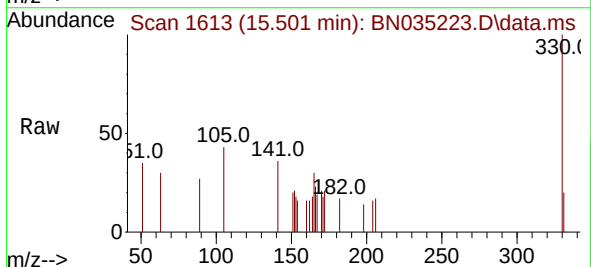
Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

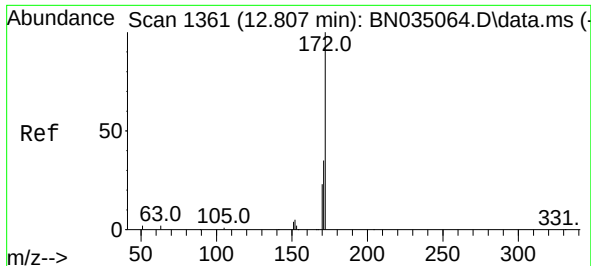
Tgt Ion:164 Resp: 2812
Ion Ratio Lower Upper
164 100
162 110.2 82.2 123.2
160 54.5 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 15.501 min Scan# 1613
Delta R.T. 0.007 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Tgt Ion:330 Resp: 642
Ion Ratio Lower Upper
330 100
332 76.6 76.9 115.3#
141 0.0 29.6 44.4#





#15

2-Fluorobiphenyl

Concen: 0.129 ng

RT: 12.604 min Scan# 1472

Delta R.T. -0.004 min

Lab File: BN035223.D

Acq: 21 Nov 2024 15:48

Instrument :

BNA_N

ClientSampleId :

RW7-SP200-20241114

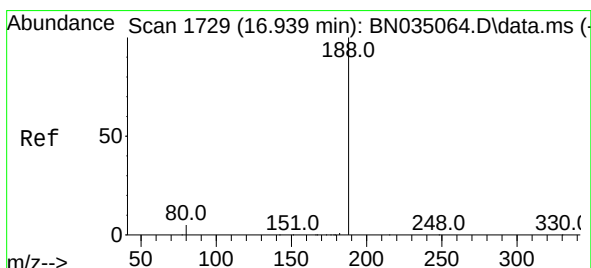
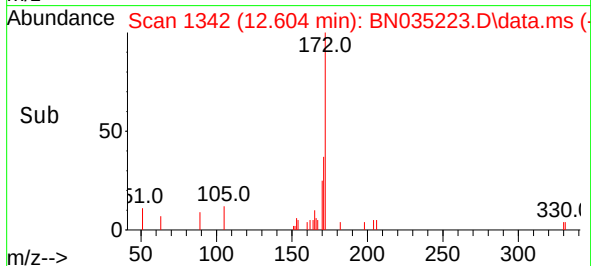
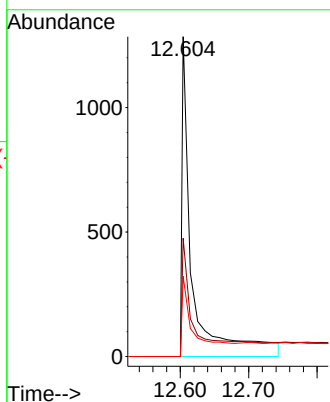
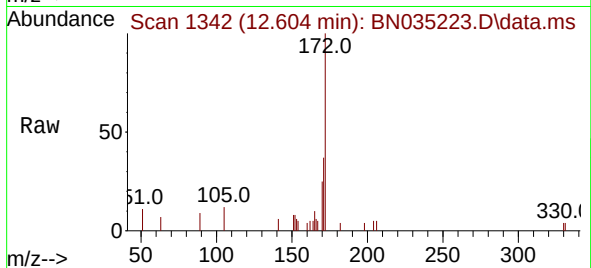
Tgt Ion:172 Resp: 1472

Ion Ratio Lower Upper

172 100

171 37.0 28.2 42.4

170 25.1 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.753 min Scan# 1714

Delta R.T. 0.007 min

Lab File: BN035223.D

Acq: 21 Nov 2024 15:48

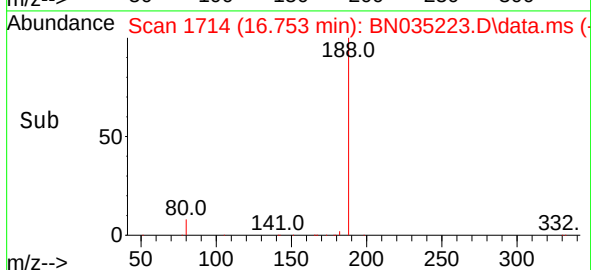
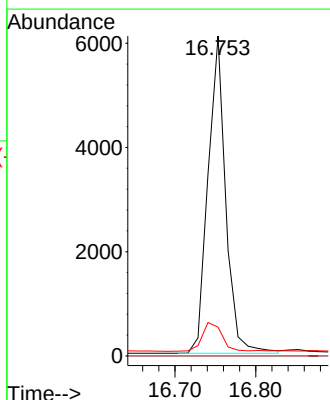
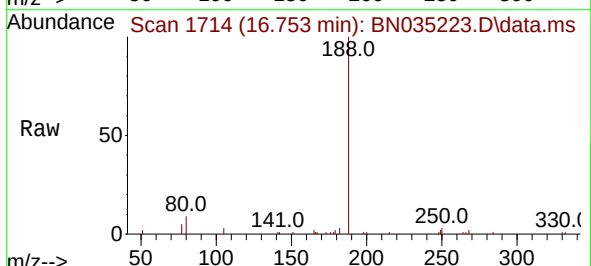
Tgt Ion:188 Resp: 9268

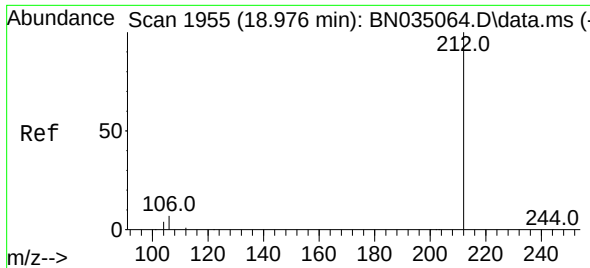
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 4.3 6.5#

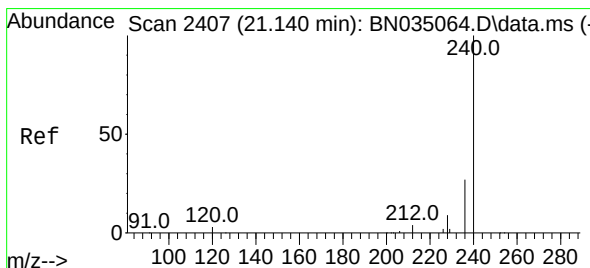
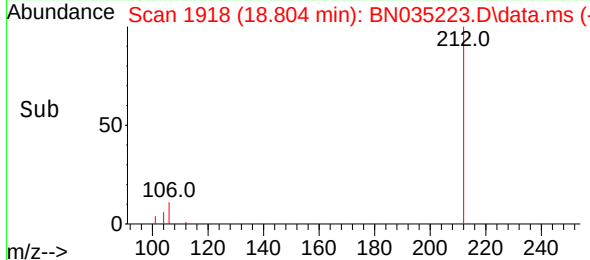
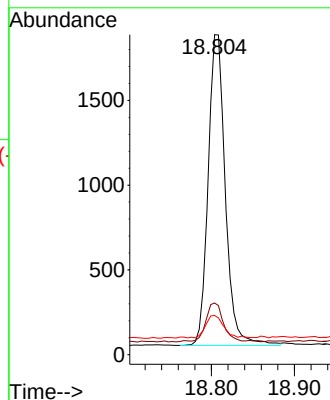
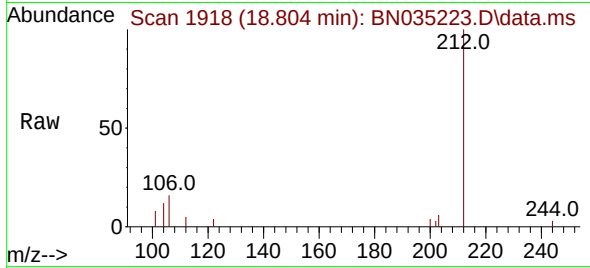




#27
Fluoranthene-d10
Concen: 0.093 ng
RT: 18.804 min Scan# 1918
Delta R.T. -0.002 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

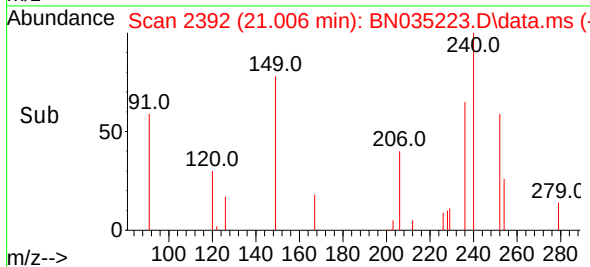
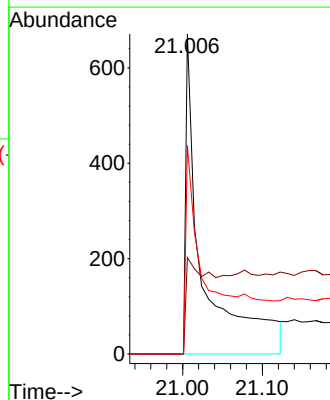
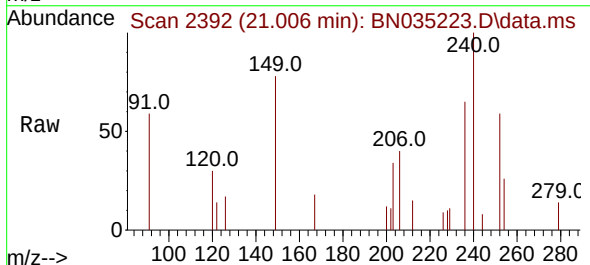
Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

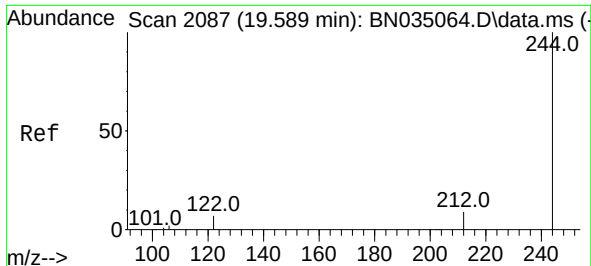
Tgt Ion:	212	Resp:	2648
Ion Ratio	Lower	Upper	
212	100		
106	12.9	6.0	9.0#
104	7.5	3.5	5.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.002 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

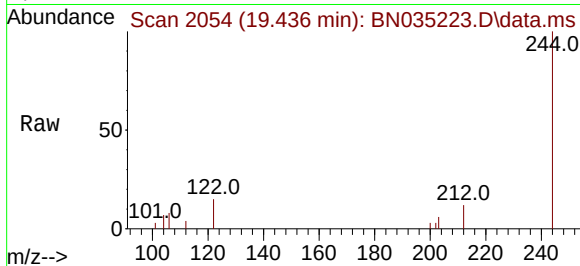
Tgt Ion:	240	Resp:	1000
Ion Ratio	Lower	Upper	
240	100		
120	30.1	3.8	5.6#
236	65.1	22.2	33.2#



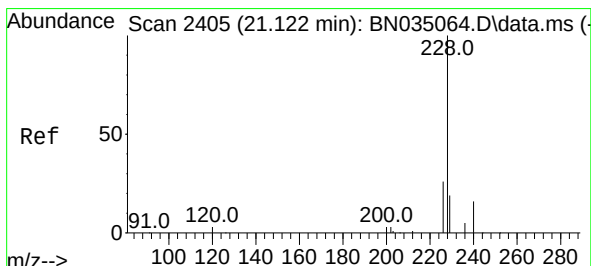
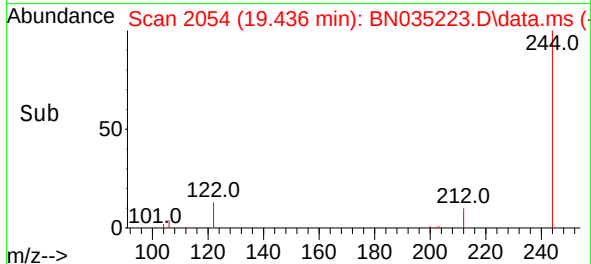
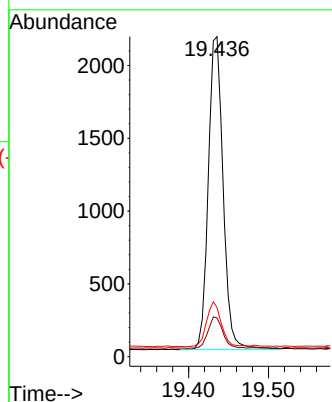


#31
Terphenyl-d14
Concen: 1.322 ng
RT: 19.436 min Scan# 2087
Delta R.T. -0.002 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

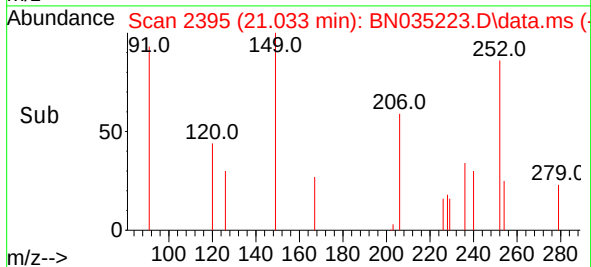
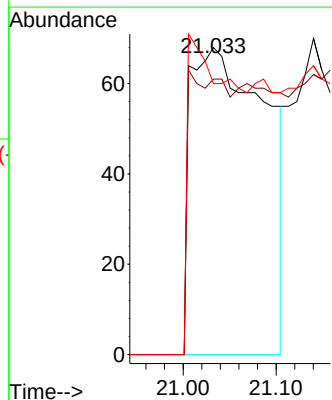
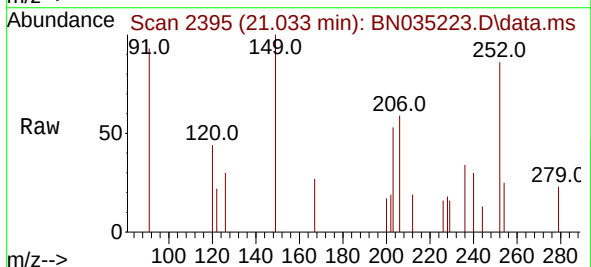


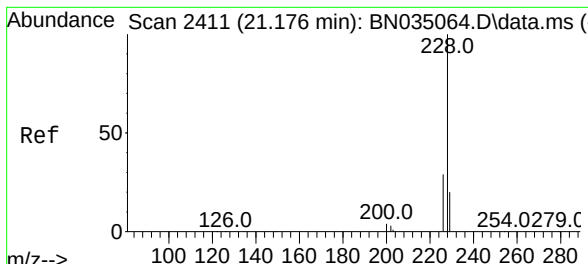
Tgt Ion:244 Resp: 2773
Ion Ratio Lower Upper
244 100
212 12.1 7.6 11.4#
122 15.4 6.1 9.1#



#32
Benzo(a)anthracene
Concen: 0.104 ng
RT: 21.033 min Scan# 2395
Delta R.T. -0.002 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Tgt Ion:228 Resp: 361
Ion Ratio Lower Upper
228 100
226 89.7 21.4 32.0#
229 88.2 15.7 23.5#

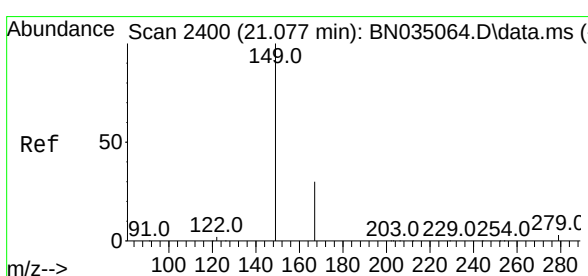
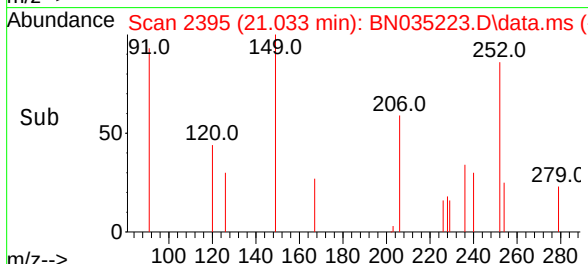
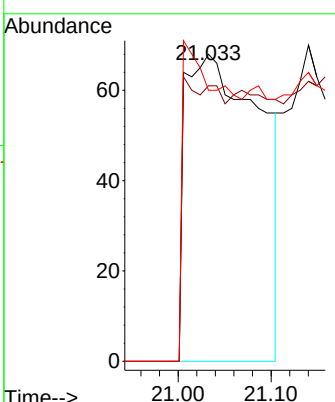
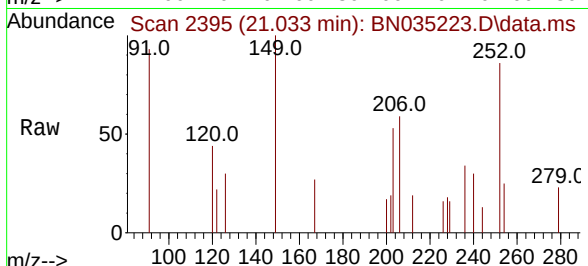




#33
 Chrysene
 Concen: 0.105 ng
 RT: 21.033 min Scan# 2411
 Delta R.T. -0.002 min
 Lab File: BN035223.D
 Acq: 21 Nov 2024 15:48

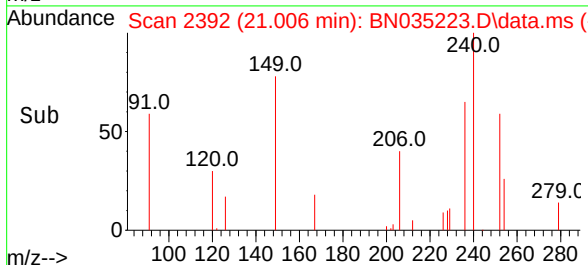
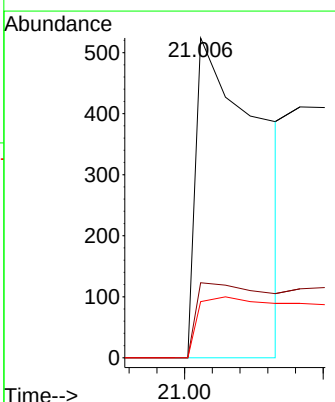
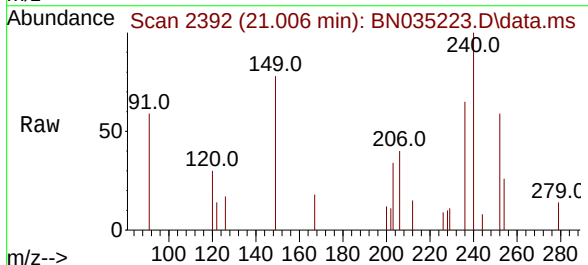
Instrument : BNA_N
 ClientSampleId : RW7-SP200-20241114

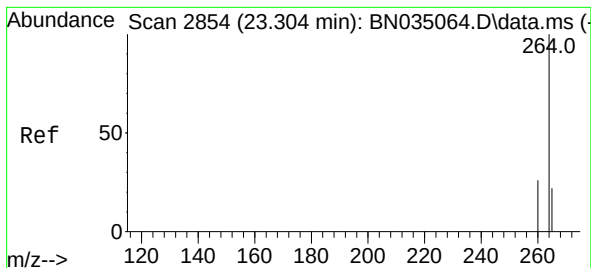
Tgt Ion:	228	Resp:	361
Ion Ratio	Lower	Upper	
228	100		
226	89.7	23.7	35.5#
229	88.2	16.2	24.4#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.412 ng
 RT: 21.006 min Scan# 2392
 Delta R.T. -0.020 min
 Lab File: BN035223.D
 Acq: 21 Nov 2024 15:48

Tgt Ion:	149	Resp:	753
Ion Ratio	Lower	Upper	
149	100		
167	26.3	23.2	34.8
279	33.7	3.2	4.8#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.102 min Scan# 21

Delta R.T. -0.002 min

Lab File: BN035223.D

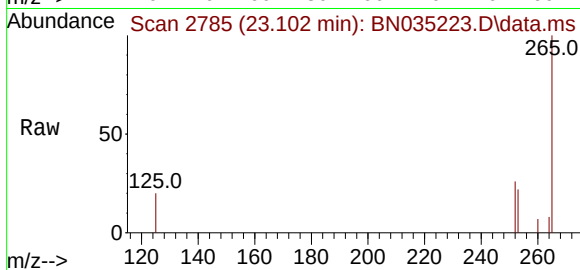
Acq: 21 Nov 2024 15:48

Instrument :

BNA_N

ClientSampleId :

RW7-SP200-20241114



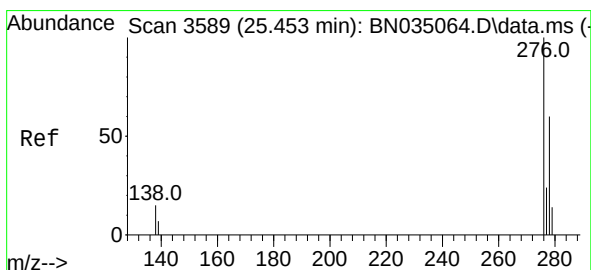
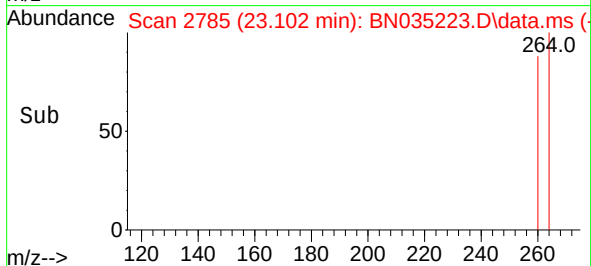
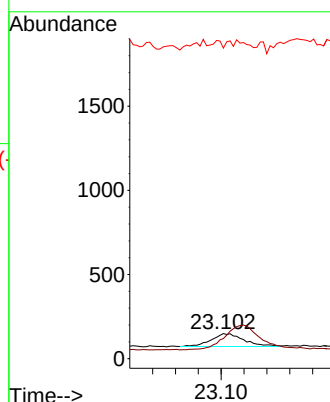
Tgt Ion:264 Resp: 155

Ion Ratio Lower Upper

264 100

260 80.5 20.9 31.3#

265 1238.3 35.4 53.2#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.057 ng

RT: 25.011 min Scan# 3438

Delta R.T. -0.146 min

Lab File: BN035223.D

Acq: 21 Nov 2024 15:48

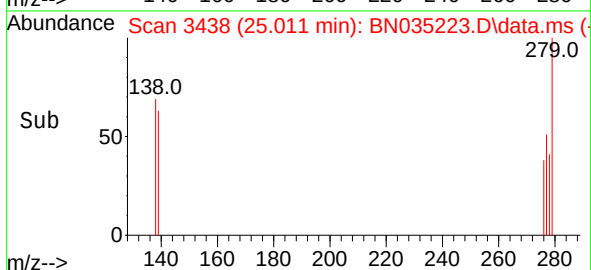
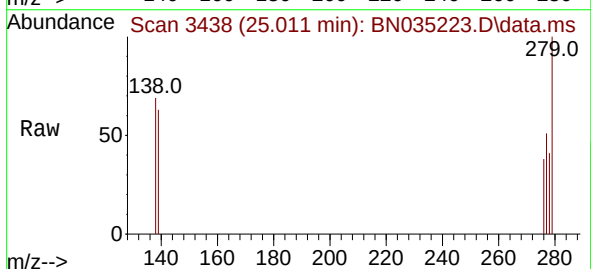
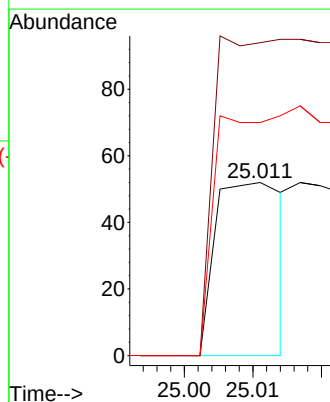
Tgt Ion:276 Resp: 35

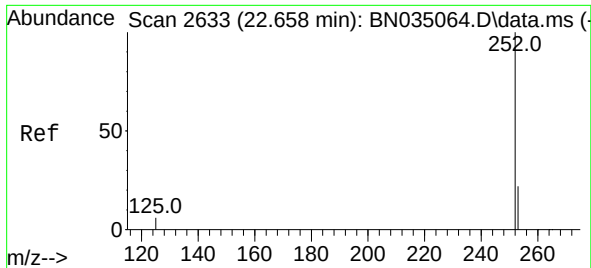
Ion Ratio Lower Upper

276 100

138 282.9 13.0 19.4#

277 251.4 19.8 29.6#





#37

Benzo(b)fluoranthene

Concen: 0.059 ng

RT: 22.479 min Scan# 2590

Delta R.T. -0.008 min

Lab File: BN035223.D

Acq: 21 Nov 2024 15:48

Instrument :

BNA_N

ClientSampleId :

RW7-SP200-20241114

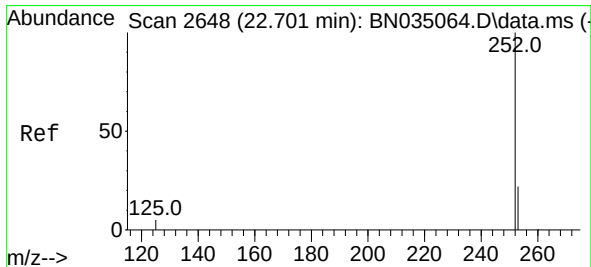
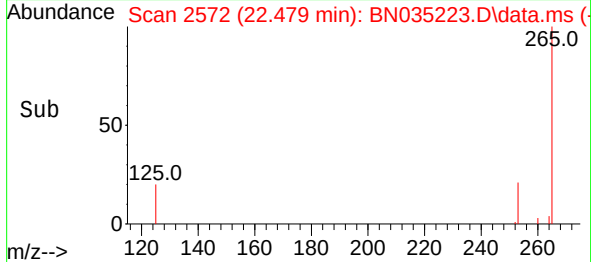
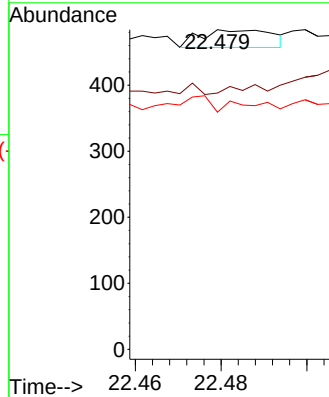
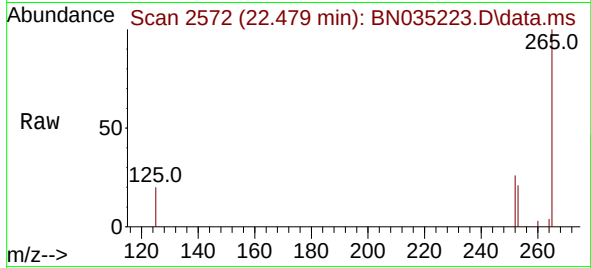
Tgt Ion:252 Resp: 31

Ion Ratio Lower Upper

252 100

253 80.2 19.3 28.9#

125 74.2 6.2 9.2#



#38

Benzo(k)fluoranthene

Concen: 0.096 ng

RT: 22.532 min Scan# 2590

Delta R.T. 0.004 min

Lab File: BN035223.D

Acq: 21 Nov 2024 15:48

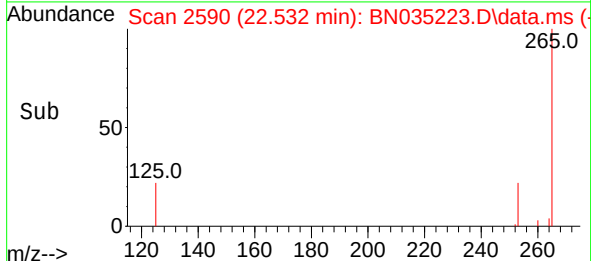
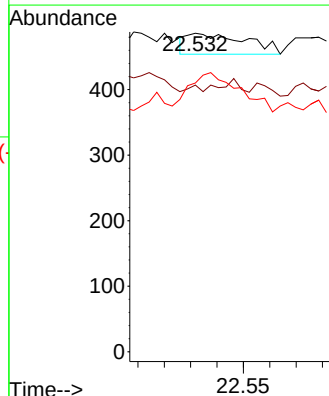
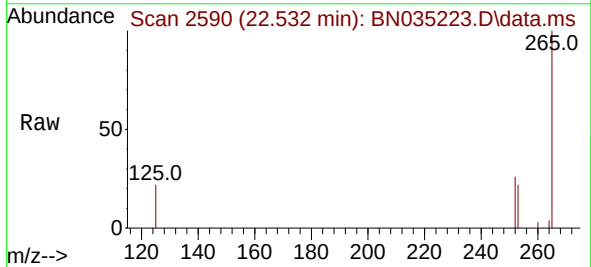
Tgt Ion:252 Resp: 50

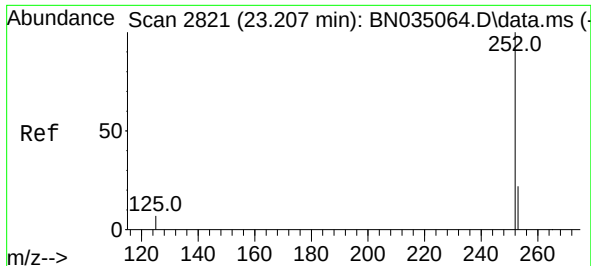
Ion Ratio Lower Upper

252 100

253 83.7 19.5 29.3#

125 84.4 6.5 9.7#





#39

Benzo(a)pyrene

Concen: 0.028 ng

RT: 23.011 min Scan# 21

Delta R.T. -0.002 min

Lab File: BN035223.D

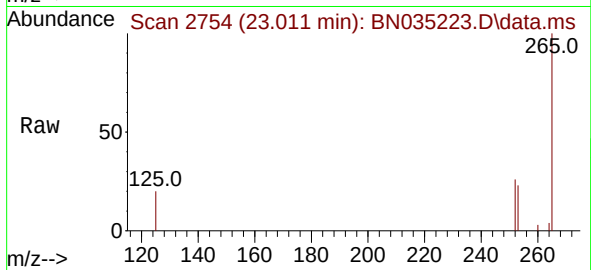
Acq: 21 Nov 2024 15:48

Instrument :

BNA_N

ClientSampleId :

RW7-SP200-20241114



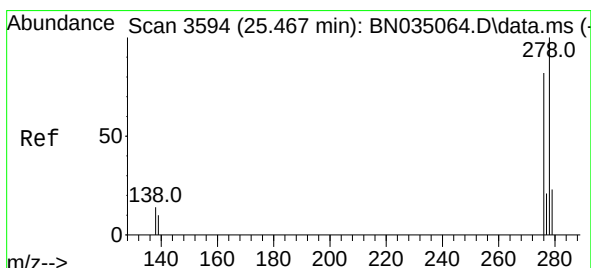
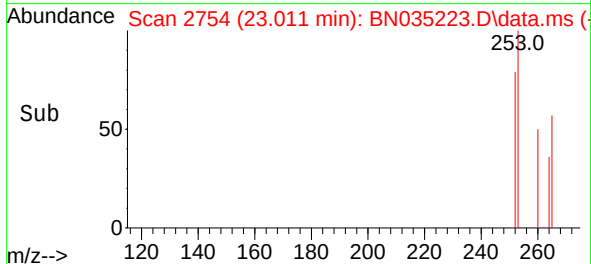
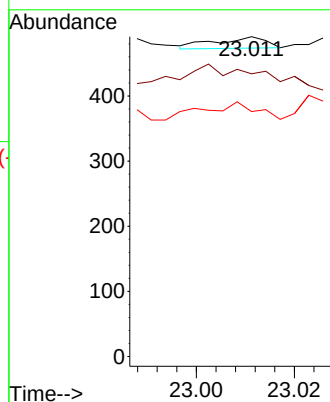
Tgt Ion:252 Resp: 13

Ion Ratio Lower Upper

252 100

253 88.4 20.1 30.1#

125 76.6 7.5 11.3#



#40

Dibenzo(a,h)anthracene

Concen: 0.141 ng

RT: 25.017 min Scan# 3440

Delta R.T. -0.160 min

Lab File: BN035223.D

Acq: 21 Nov 2024 15:48

Tgt Ion:278 Resp: 69

Ion Ratio Lower Upper

278 100

139 161.4 9.3 13.9#

279 236.8 19.7 29.5#

