

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112024\
 Data File : BN035212.D
 Acq On : 21 Nov 2024 00:49
 Operator : RC/JU
 Sample : P4866-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP200-20241114

Quant Time: Nov 21 01:27:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 20 23:40:20 2024
 Response via : Initial Calibration

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

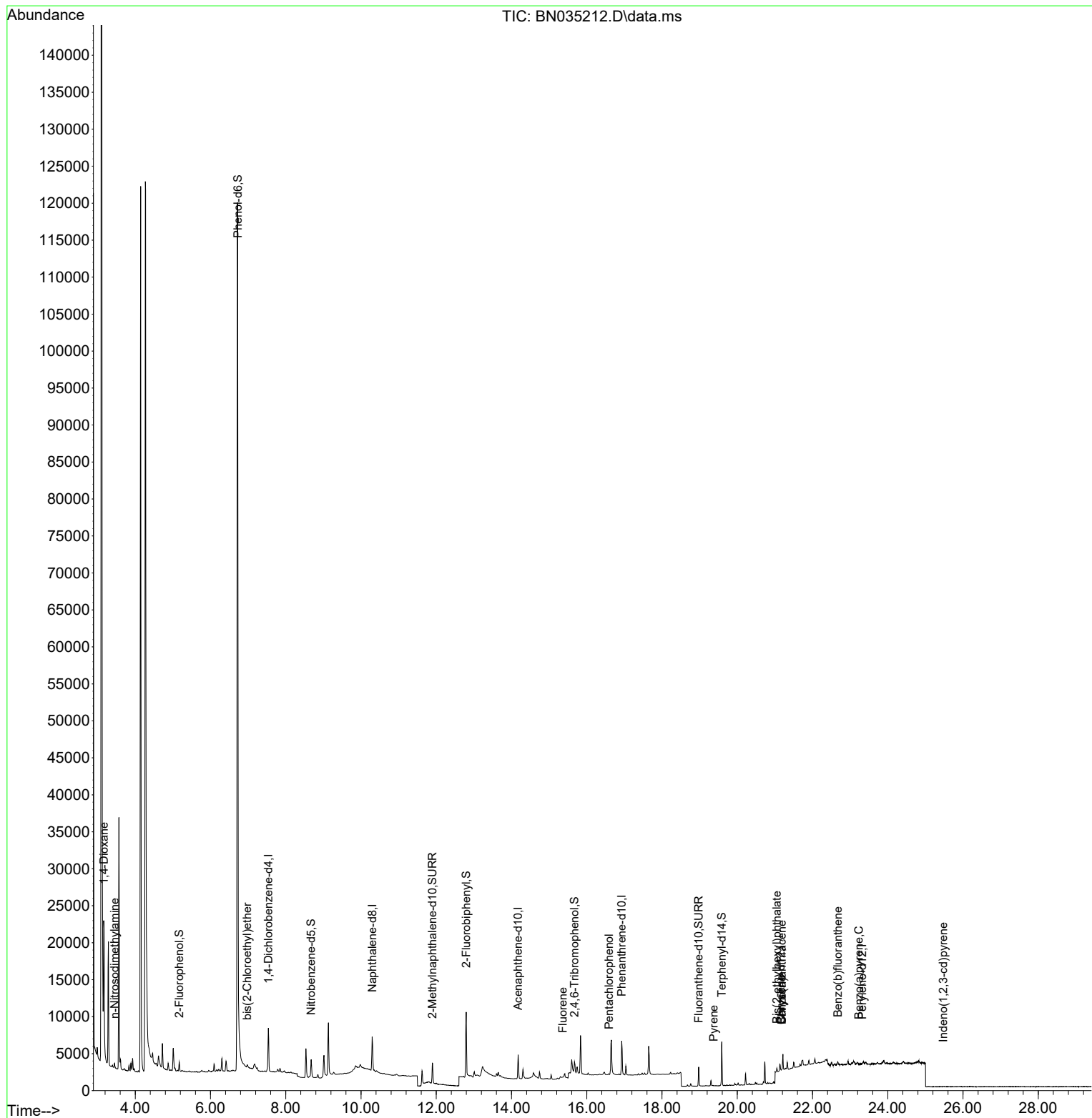
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	2761	0.400	ng	# 0.00
7) Naphthalene-d8	10.298	136	6281	0.400	ng	# 0.00
13) Acenaphthene-d10	14.176	164	1720	0.400	ng	0.00
19) Phenanthrene-d10	16.927	188	6689	0.400	ng	# 0.00
29) Chrysene-d12	21.149	240	247	0.400	ng	# 0.00
35) Perylene-d12	23.318	264	86	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	992	0.142	ng	0.00
5) Phenol-d6	6.723	99	2150	0.245	ng	0.00
8) Nitrobenzene-d5	8.675	82	2111	0.386	ng	0.00
11) 2-Methylnaphthalene-d10	11.897	152	3673	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.673	330	926	0.746	ng	0.00
15) 2-Fluorobiphenyl	12.797	172	8128	1.164	ng	0.00
27) Fluoranthene-d10	18.976	212	2948	0.144	ng	0.00
31) Terphenyl-d14	19.589	244	5819	11.227	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.170	88	13220	5.271	ng	98
3) n-Nitrosodimethylamine	3.451	42	52	0.022	ng	# 18
6) bis(2-Chloroethyl)ether	6.976	93	195	0.030	ng	# 44
18) Fluorene	15.362	166	1535	0.217	ng	# 9
24) Pentachlorophenol	16.592	266	80	0.039	ng	# 53
30) Pyrene	19.375	202	20	0.024	ng	# 80
32) Benzo(a)anthracene	21.185	228	67	0.078	ng	# 1
33) Chrysene	21.185	228	67	0.079	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.051	149	120	0.266	ng	# 60
36) Indeno(1,2,3-cd)pyrene	25.476	276	42	0.122	ng	# 83
37) Benzo(b)fluoranthene	22.672	252	122	0.422	ng	# 1
39) Benzo(a)pyrene	23.234	252	12	0.047	ng	# 1

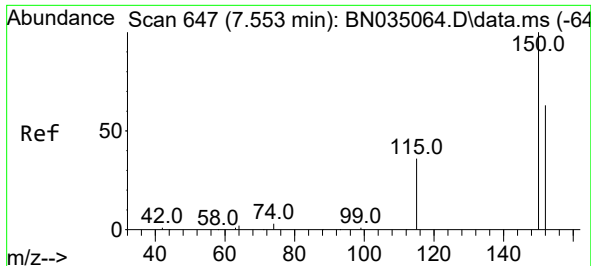
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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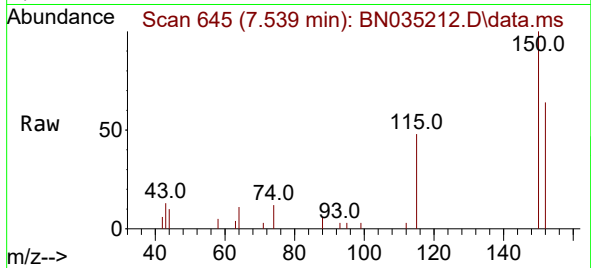
Quant Time: Nov 21 01:27:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
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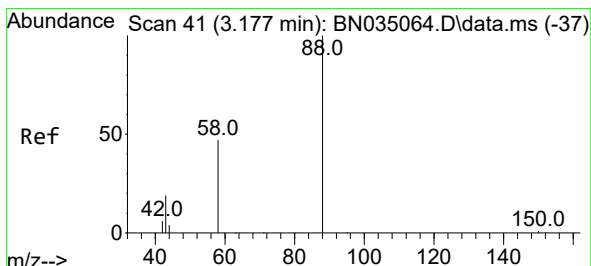
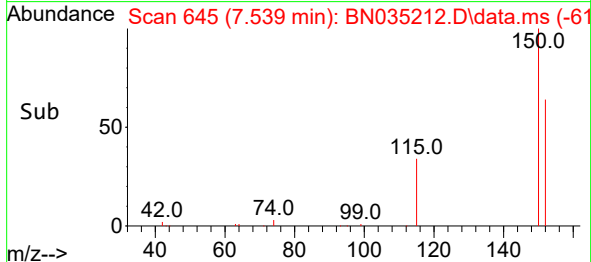
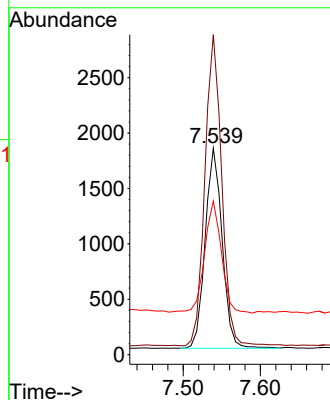


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.539 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

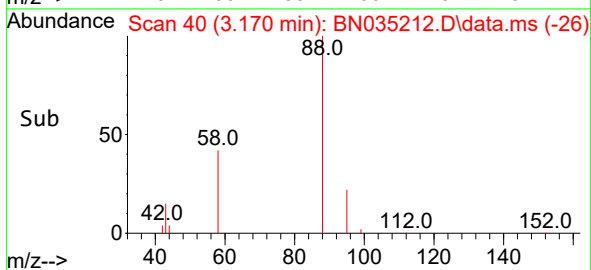
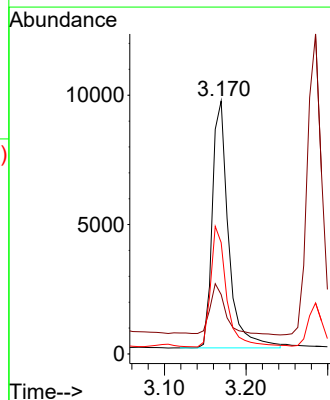
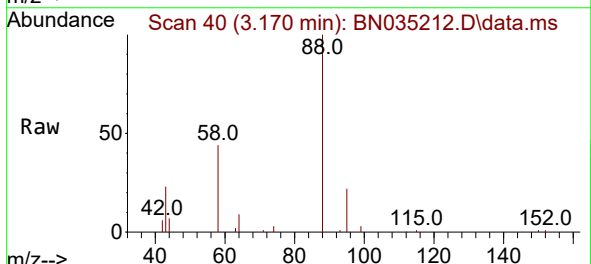


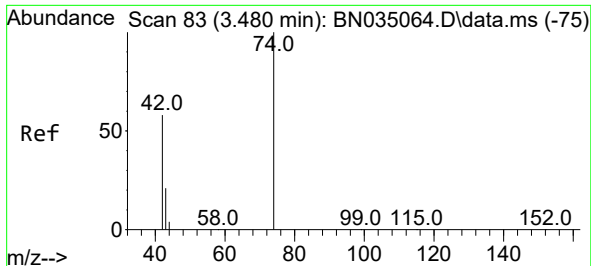
Tgt Ion: 152 Resp: 2761
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 74.4 47.8 71.6#



#2
1,4-Dioxane
Concen: 5.271 ng
RT: 3.170 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

Tgt Ion: 88 Resp: 13220
Ion Ratio Lower Upper
88 100
43 19.8 16.9 25.3
58 47.6 39.0 58.4

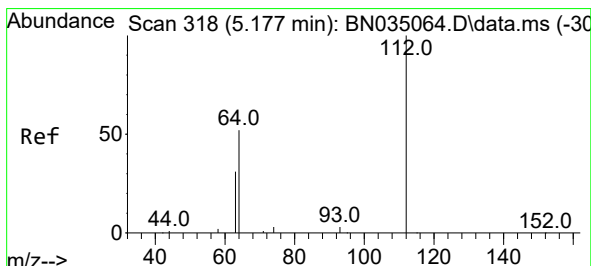
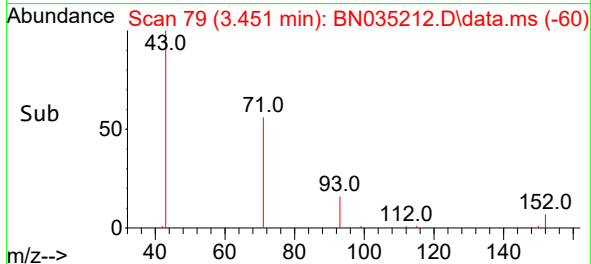
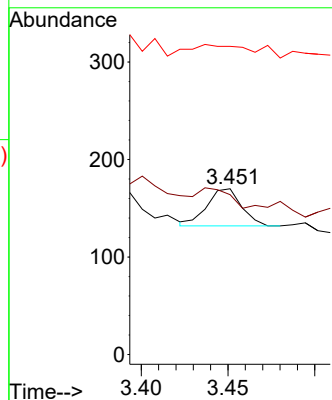
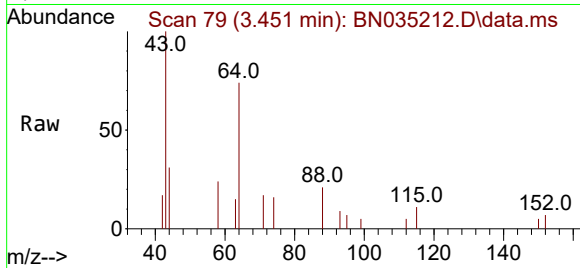




#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.451 min Scan# 79
Delta R.T. -0.014 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

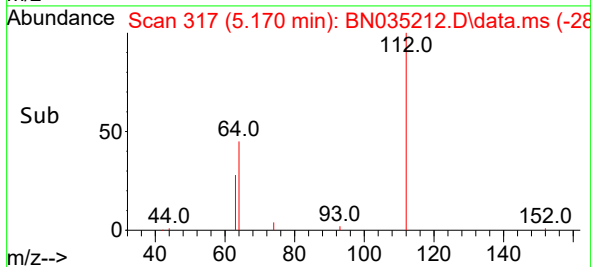
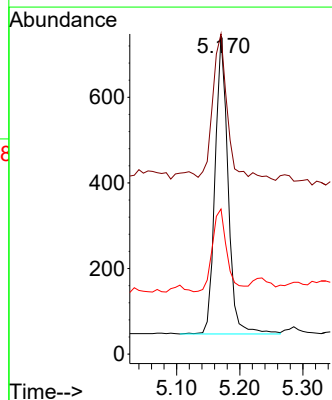
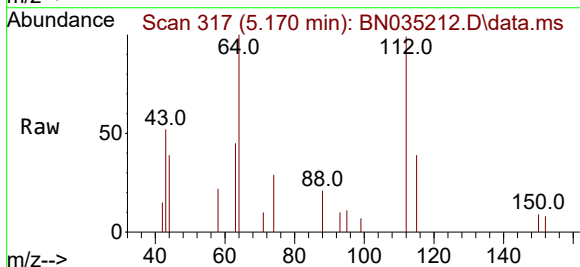
Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

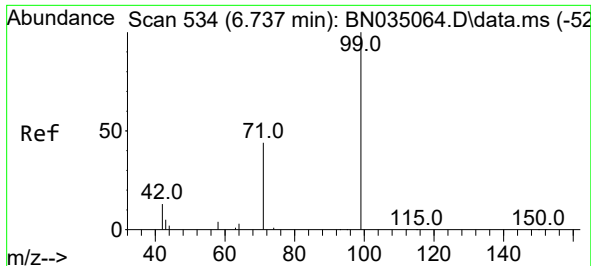
Tgt Ion: 42 Resp: 52
Ion Ratio Lower Upper
42 100
74 44.2 120.8 181.2#
44 0.0 2.9 4.3#



#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

Tgt Ion: 112 Resp: 992
Ion Ratio Lower Upper
112 100
64 60.6 39.7 59.5#
63 30.9 23.0 34.4





#5

Phenol-d6

Concen: 0.245 ng

RT: 6.723 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN035212.D

Acq: 21 Nov 2024 00:49

Instrument :

BNA_N

ClientSampleId :

RW7-SP200-20241114

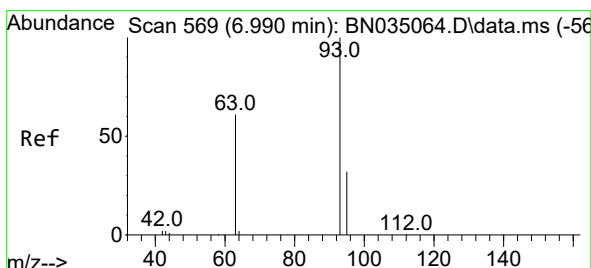
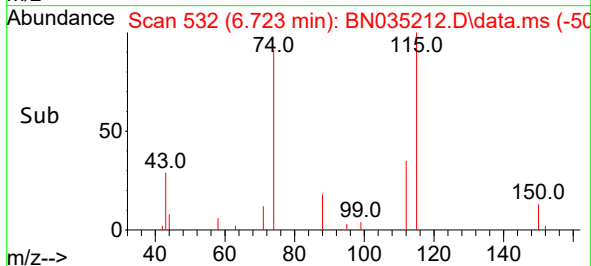
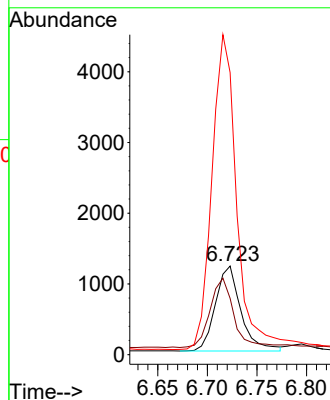
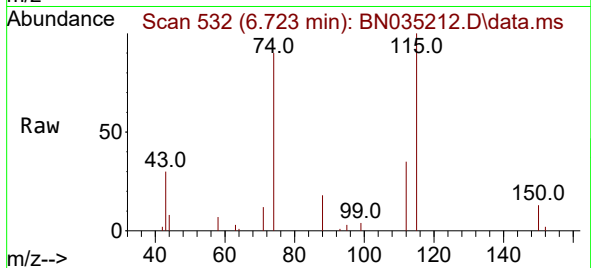
Tgt Ion: 99 Resp: 2150

Ion Ratio Lower Upper

99 100

42 79.3 11.4 17.0#

71 373.1 34.6 51.8#



#6

bis(2-Chloroethyl)ether

Concen: 0.030 ng

RT: 6.976 min Scan# 567

Delta R.T. 0.000 min

Lab File: BN035212.D

Acq: 21 Nov 2024 00:49

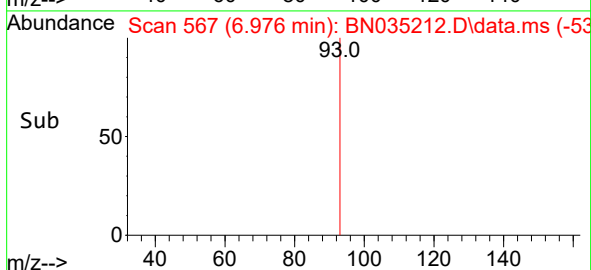
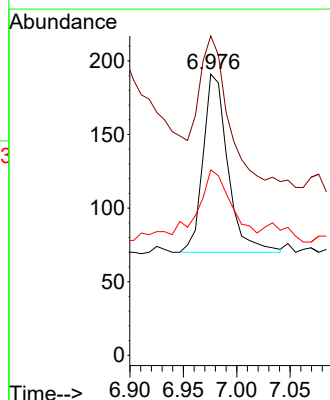
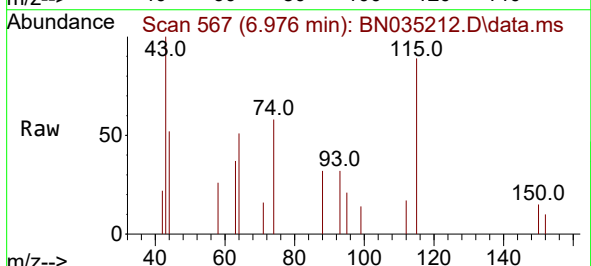
Tgt Ion: 93 Resp: 195

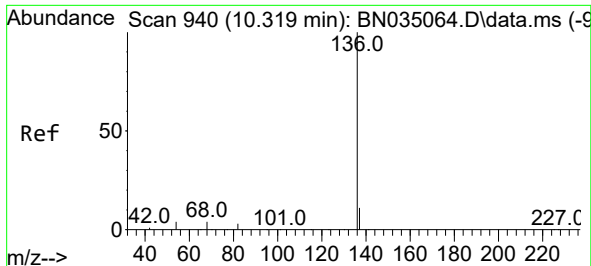
Ion Ratio Lower Upper

93 100

63 104.6 47.4 71.2#

95 60.5 26.2 39.4#

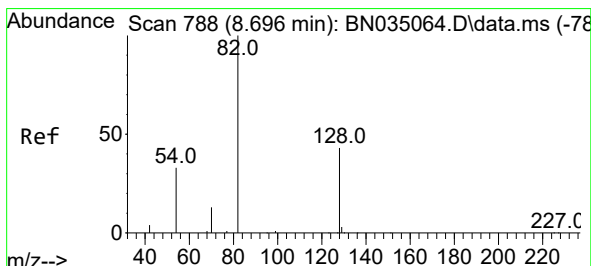
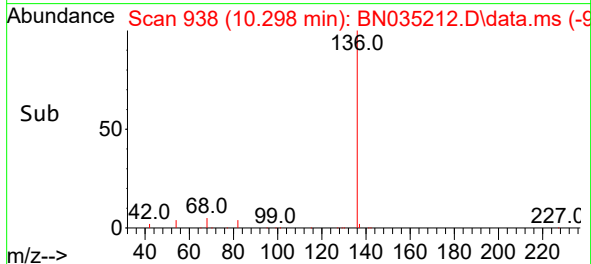
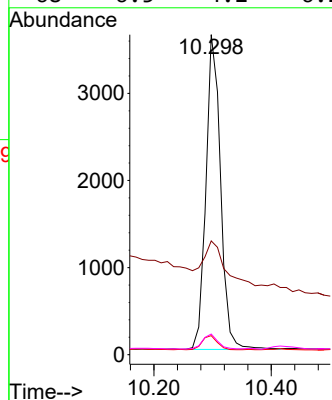
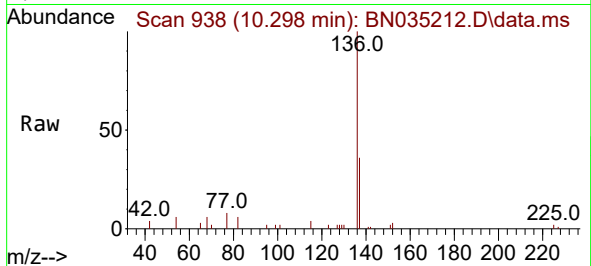




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.298 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

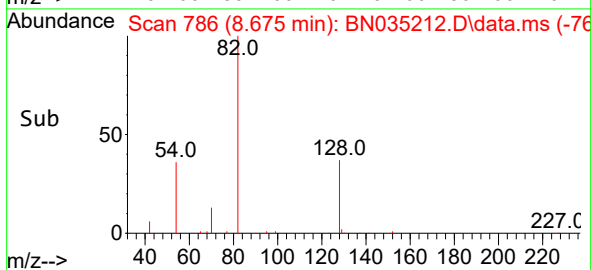
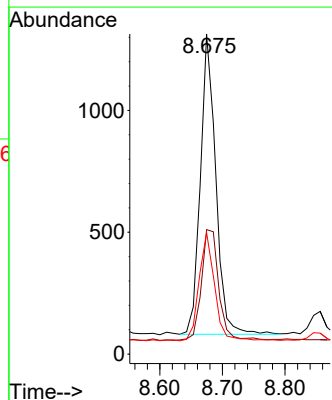
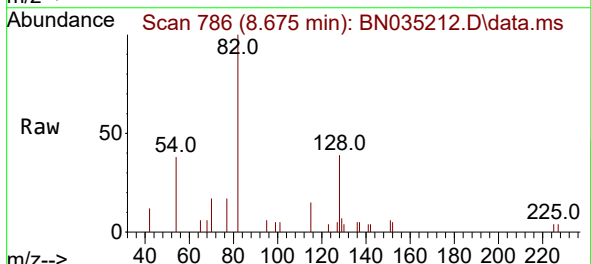
Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

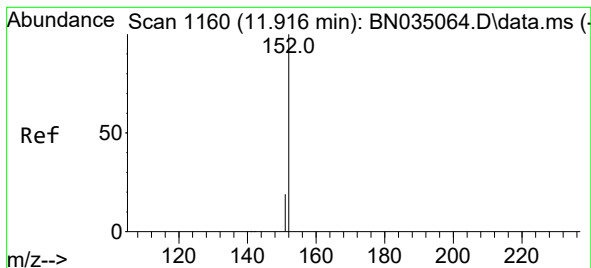
Tgt Ion:136 Resp: 6281
Ion Ratio Lower Upper
136 100
137 35.6 9.8 14.8#
54 6.0 4.0 6.0
68 6.5 4.2 6.2#



#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.675 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

Tgt Ion: 82 Resp: 2111
Ion Ratio Lower Upper
82 100
128 38.9 36.5 54.7
54 37.9 28.7 43.1





#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 11.897 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BN035212.D

Acq: 21 Nov 2024 00:49

Instrument :

BNA_N

ClientSampleId :

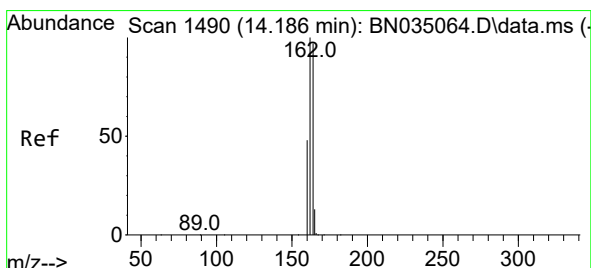
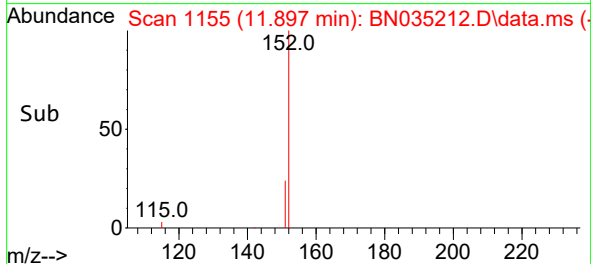
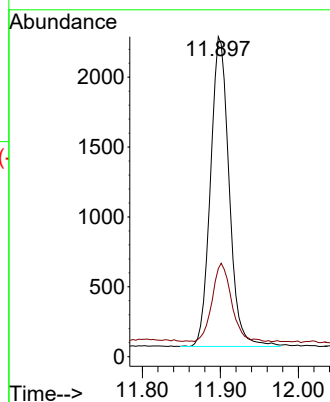
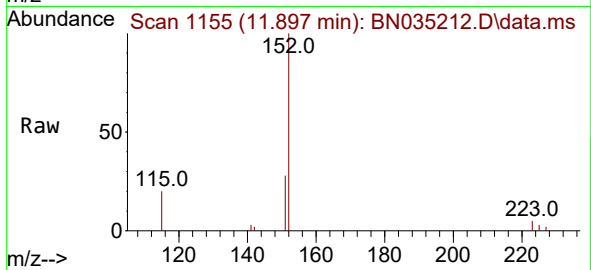
RW7-SP200-20241114

Tgt Ion:152 Resp: 3673

Ion Ratio Lower Upper

152 100

151 26.4 16.2 24.4#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.176 min Scan# 1489

Delta R.T. 0.000 min

Lab File: BN035212.D

Acq: 21 Nov 2024 00:49

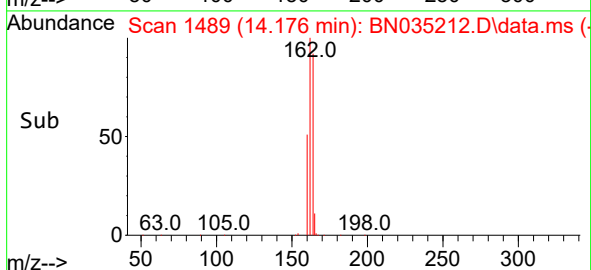
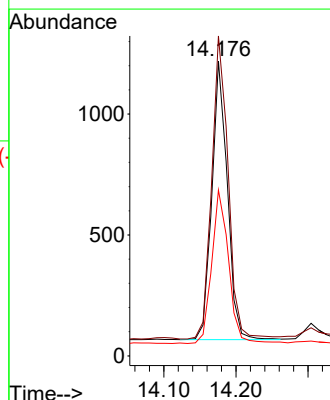
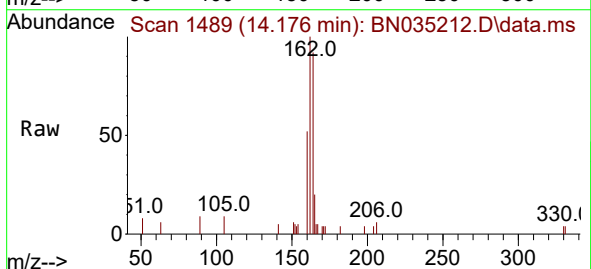
Tgt Ion:164 Resp: 1720

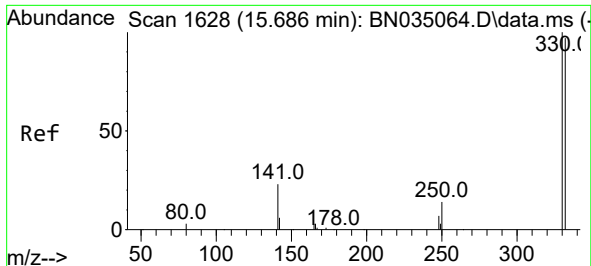
Ion Ratio Lower Upper

164 100

162 108.5 82.2 123.2

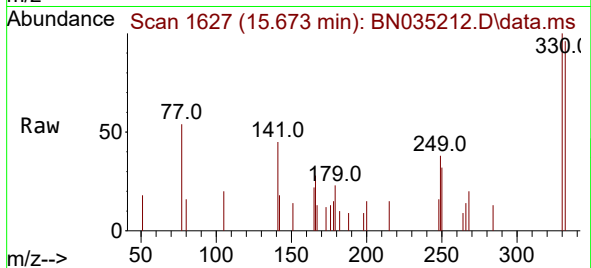
160 56.3 40.2 60.4



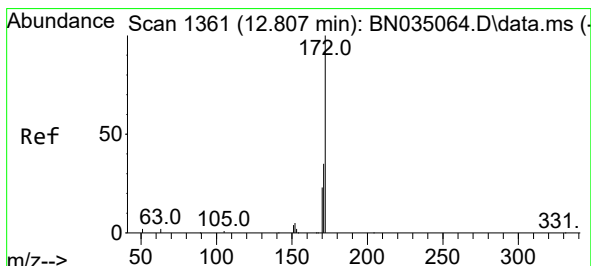
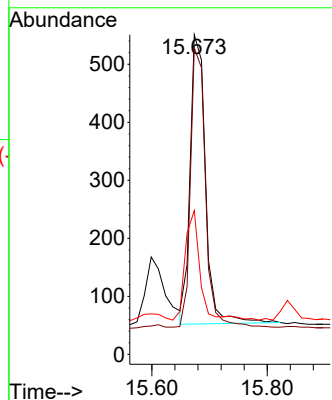
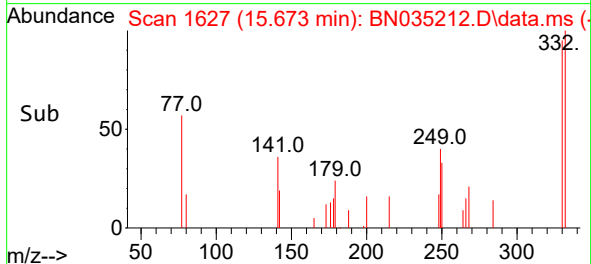


#14
2,4,6-Tribromophenol
Concen: 0.746 ng
RT: 15.673 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

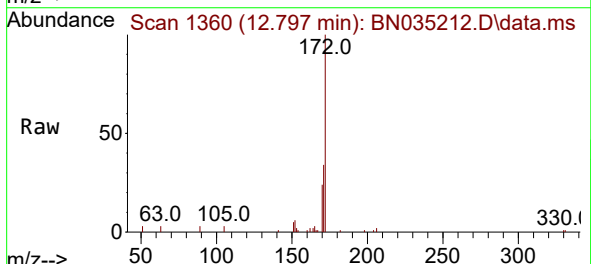
Instrument :
BNA_N
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RW7-SP200-20241114



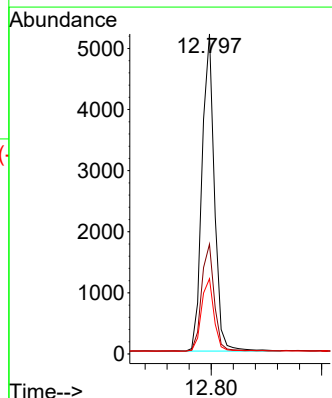
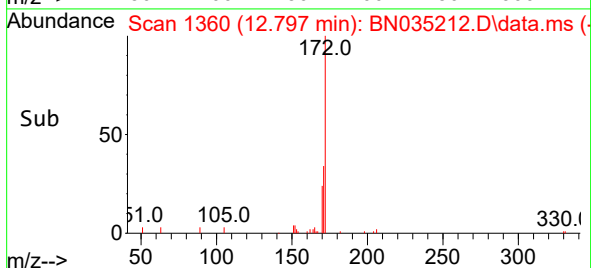
Tgt Ion:330 Resp: 926
Ion Ratio Lower Upper
330 100
332 93.3 76.9 115.3
141 36.7 29.6 44.4

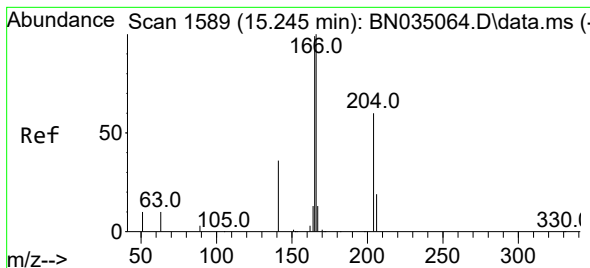


#15
2-Fluorobiphenyl
Concen: 1.164 ng
RT: 12.797 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49



Tgt Ion:172 Resp: 8128
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.4
170 23.5 19.0 28.6





#18

Fluorene

Concen: 0.217 ng

RT: 15.362 min Scan# 1

Delta R.T. 0.128 min

Lab File: BN035212.D

Acq: 21 Nov 2024 00:49

Instrument :

BNA_N

ClientSampleId :

RW7-SP200-20241114

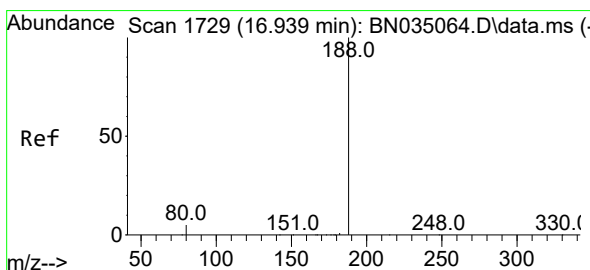
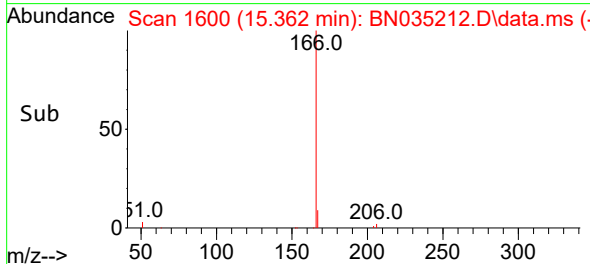
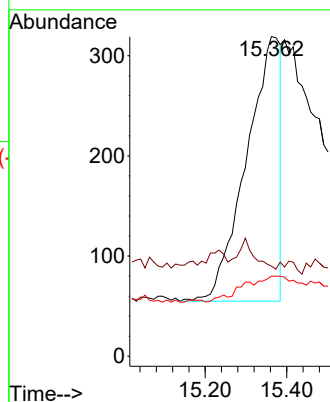
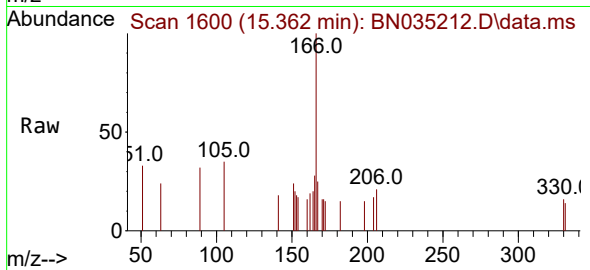
Tgt Ion:166 Resp: 1535

Ion Ratio Lower Upper

166 100

165 0.0 79.1 118.7#

167 0.8 10.6 16.0#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.927 min Scan# 1728

Delta R.T. 0.000 min

Lab File: BN035212.D

Acq: 21 Nov 2024 00:49

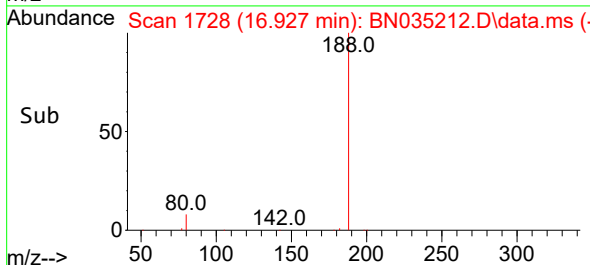
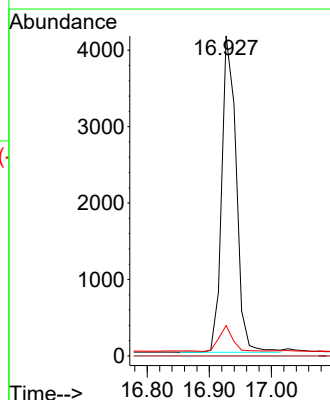
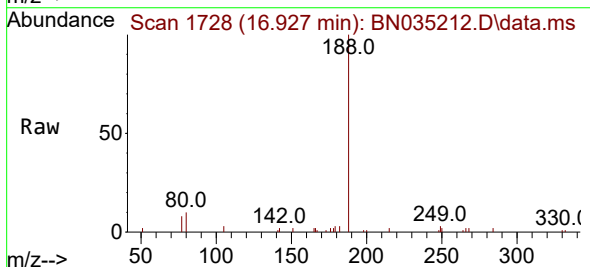
Tgt Ion:188 Resp: 6689

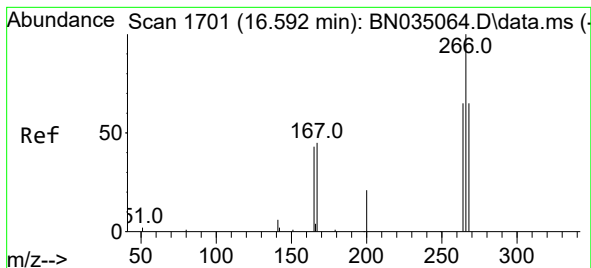
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 4.3 6.5#





#24

Pentachlorophenol

Concen: 0.039 ng

RT: 16.592 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BN035212.D

Acq: 21 Nov 2024 00:49

Instrument :

BNA_N

ClientSampleId :

RW7-SP200-20241114

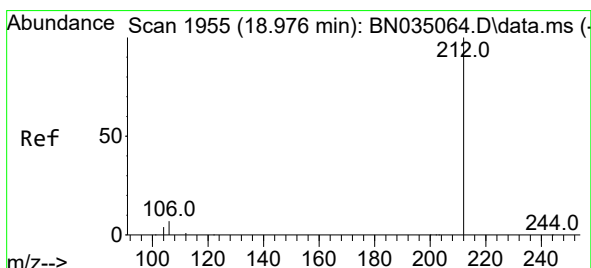
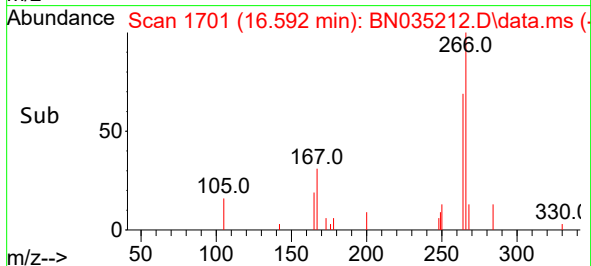
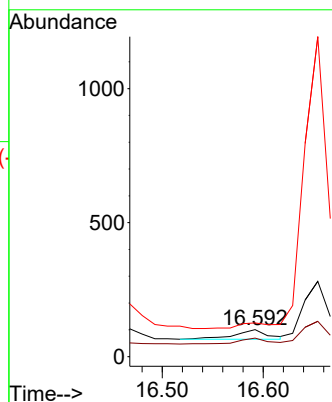
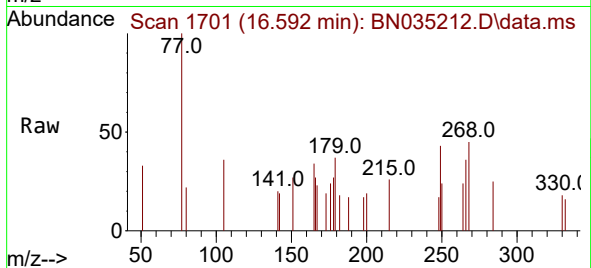
Tgt Ion:266 Resp: 80

Ion Ratio Lower Upper

266 100

264 55.0 49.4 74.0

268 0.0 52.6 79.0#



#27

Fluoranthene-d10

Concen: 0.144 ng

RT: 18.976 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BN035212.D

Acq: 21 Nov 2024 00:49

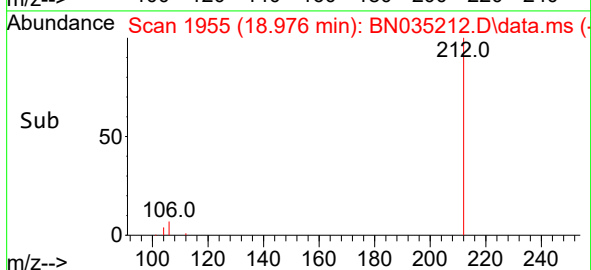
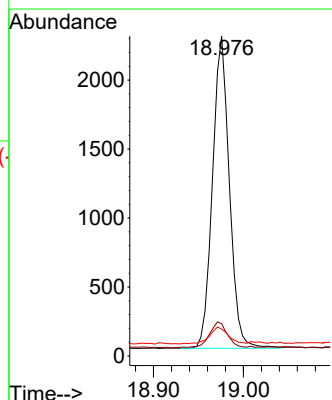
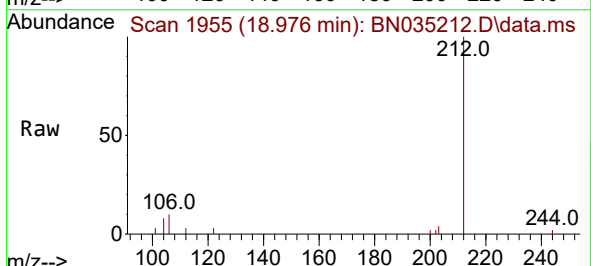
Tgt Ion:212 Resp: 2948

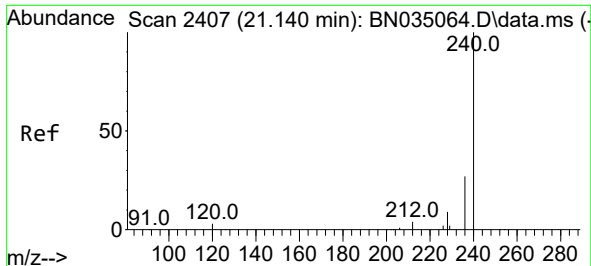
Ion Ratio Lower Upper

212 100

106 9.0 6.0 9.0#

104 5.9 3.5 5.3#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.149 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BN035212.D

Acq: 21 Nov 2024 00:49

Instrument :

BNA_N

ClientSampleId :

RW7-SP200-20241114

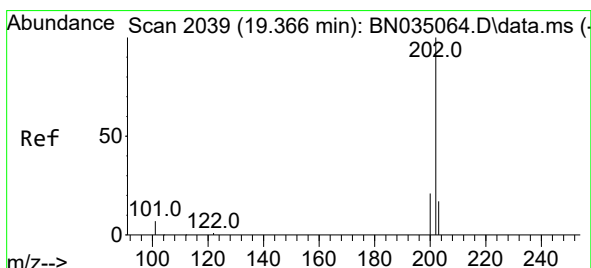
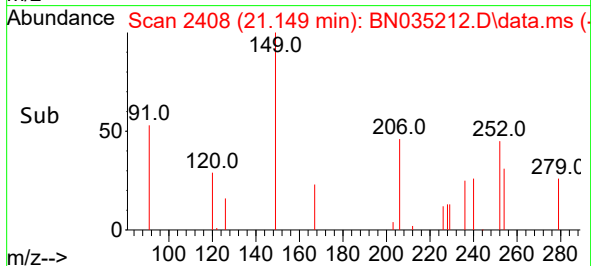
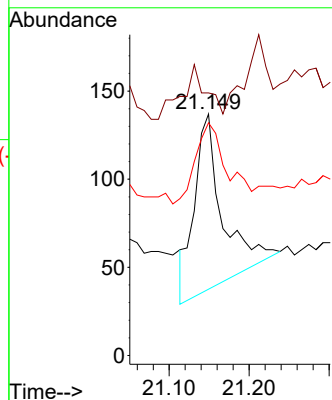
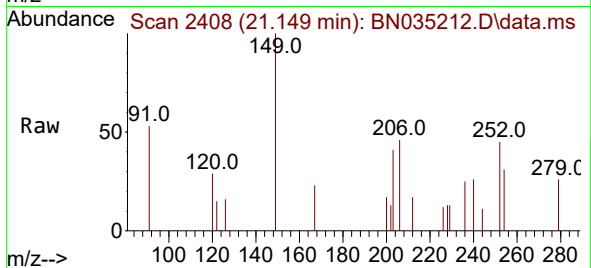
Tgt Ion:240 Resp: 247

Ion Ratio Lower Upper

240 100

120 108.8 3.8 5.6#

236 96.4 22.2 33.2#



#30

Pyrene

Concen: 0.024 ng

RT: 19.375 min Scan# 2041

Delta R.T. 0.005 min

Lab File: BN035212.D

Acq: 21 Nov 2024 00:49

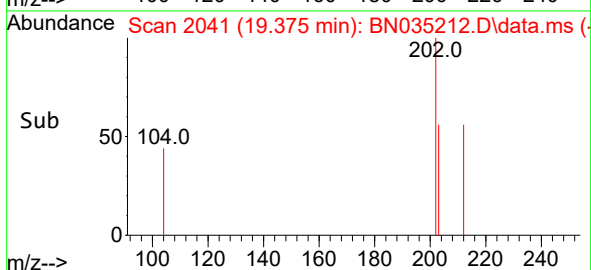
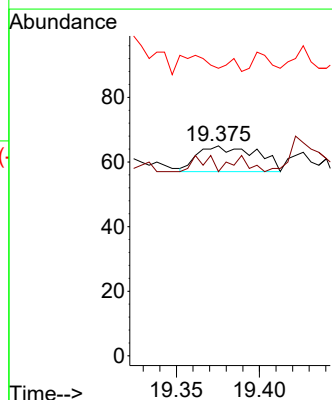
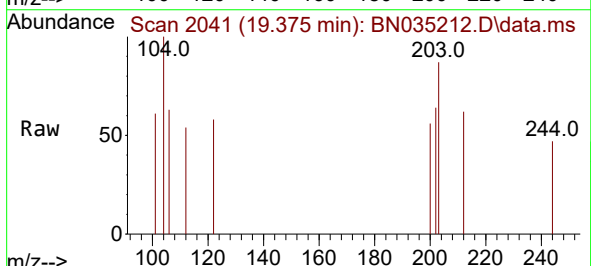
Tgt Ion:202 Resp: 20

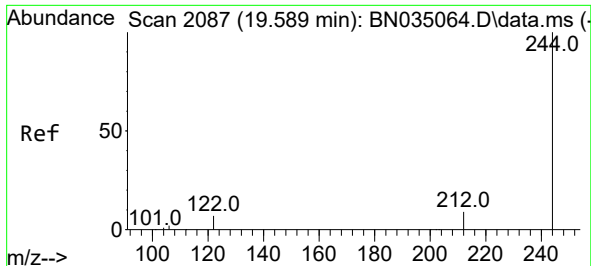
Ion Ratio Lower Upper

202 100

200 20.0 16.7 25.1

203 0.0 14.2 21.4#

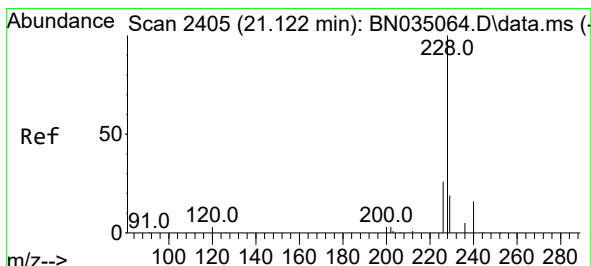
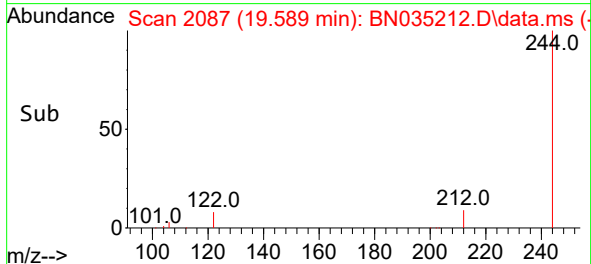
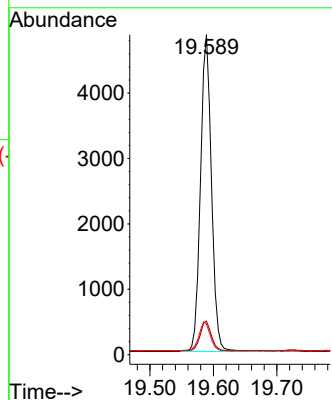
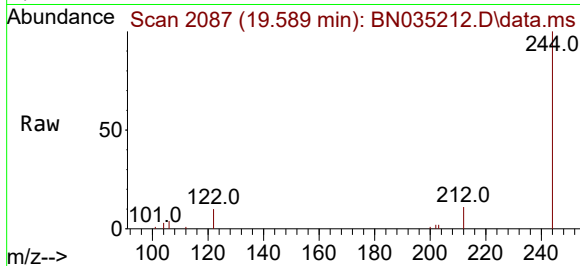




#31
Terphenyl-d14
Concen: 11.227 ng
RT: 19.589 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

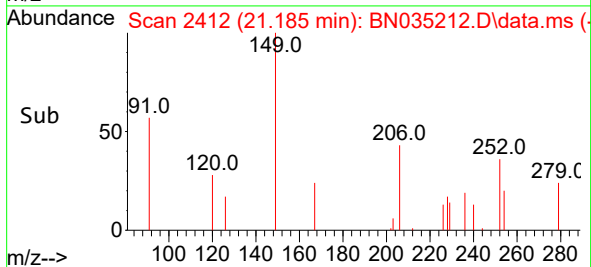
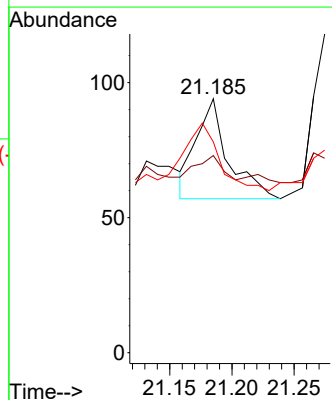
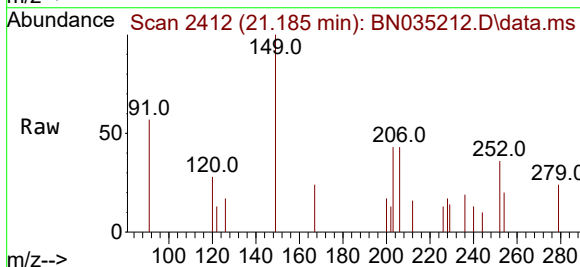
Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

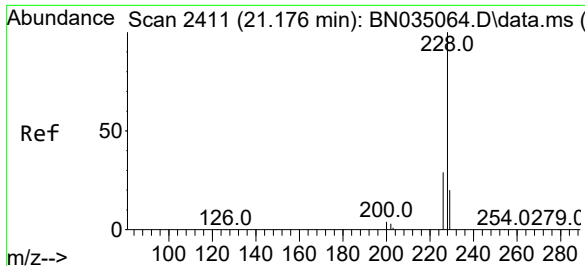
Tgt Ion:244 Resp: 5819
Ion Ratio Lower Upper
244 100
212 10.5 7.6 11.4
122 9.6 6.1 9.1#



#32
Benzo(a)anthracene
Concen: 0.078 ng
RT: 21.185 min Scan# 2412
Delta R.T. 0.054 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

Tgt Ion:228 Resp: 67
Ion Ratio Lower Upper
228 100
226 77.7 21.4 32.0#
229 83.0 15.7 23.5#





#33

Chrysene

Concen: 0.079 ng

RT: 21.185 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BN035212.D

Acq: 21 Nov 2024 00:49

Instrument :

BNA_N

ClientSampleId :

RW7-SP200-20241114

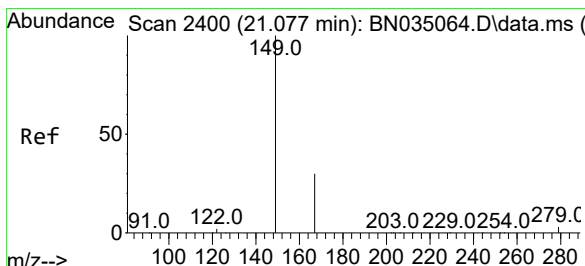
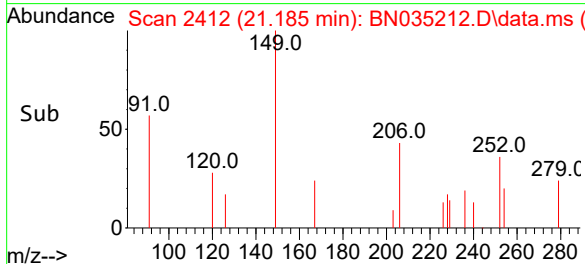
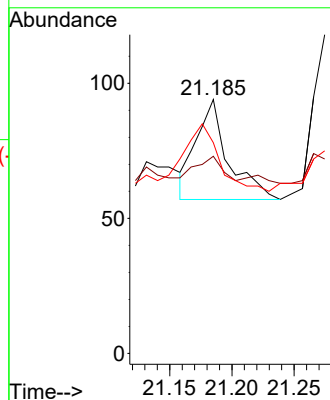
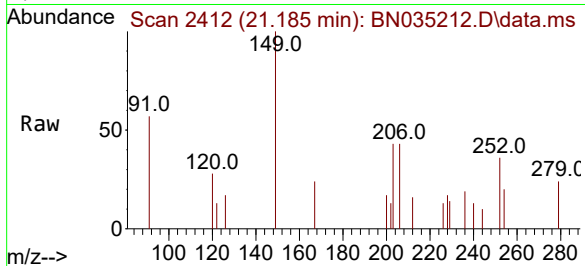
Tgt Ion:228 Resp: 67

Ion Ratio Lower Upper

228 100

226 77.7 23.7 35.5#

229 83.0 16.2 24.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.266 ng

RT: 21.051 min Scan# 2397

Delta R.T. -0.036 min

Lab File: BN035212.D

Acq: 21 Nov 2024 00:49

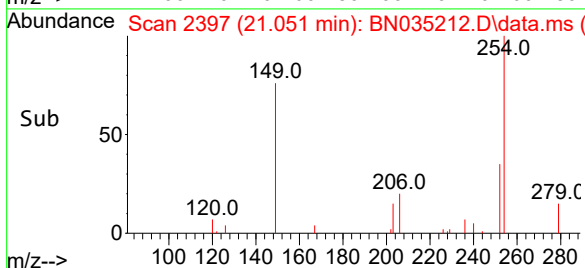
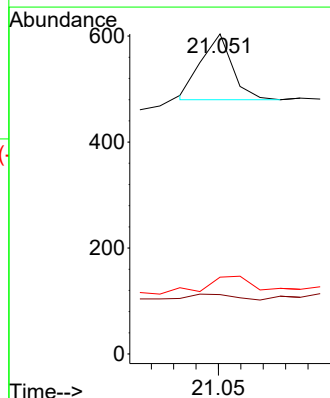
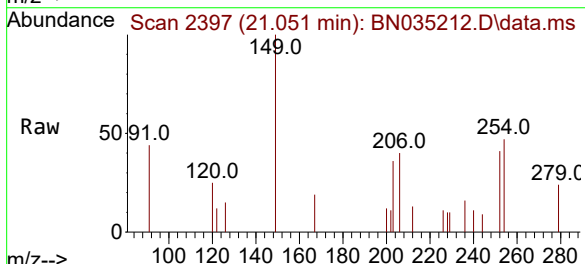
Tgt Ion:149 Resp: 120

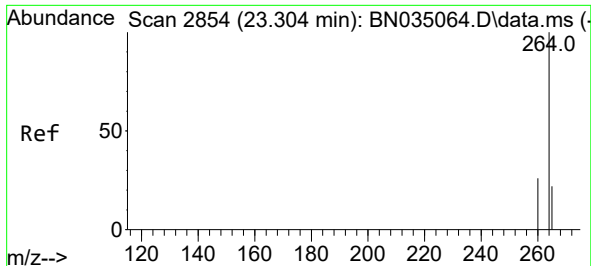
Ion Ratio Lower Upper

149 100

167 10.8 23.2 34.8#

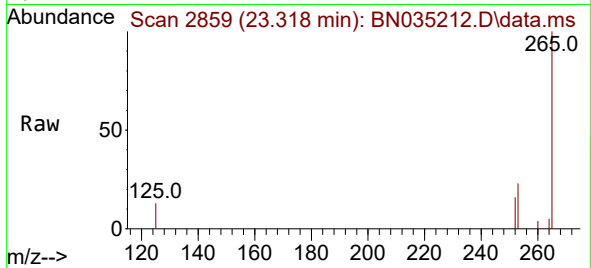
279 30.8 3.2 4.8#



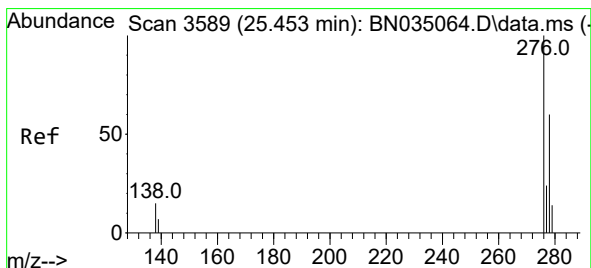
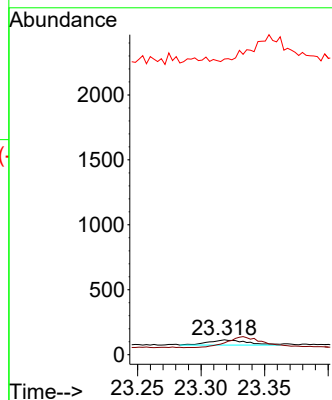


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.318 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

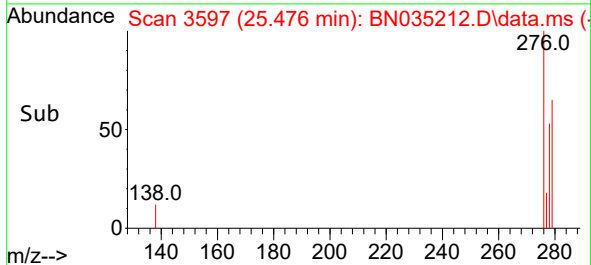
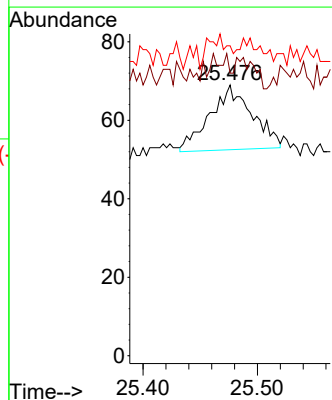
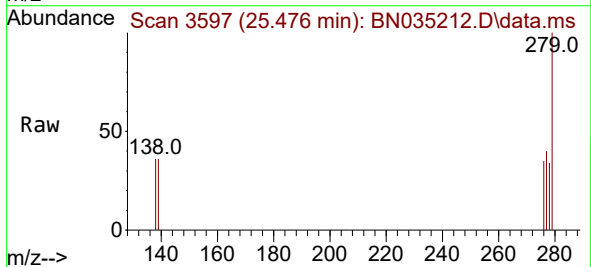


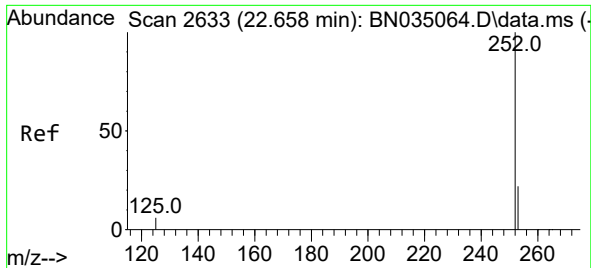
Tgt Ion:264 Resp: 86
Ion Ratio Lower Upper
264 100
260 79.1 20.9 31.3#
265 1980.0 35.4 53.2#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.122 ng
RT: 25.476 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

Tgt Ion:276 Resp: 42
Ion Ratio Lower Upper
276 100
138 21.4 13.0 19.4#
277 14.3 19.8 29.6#

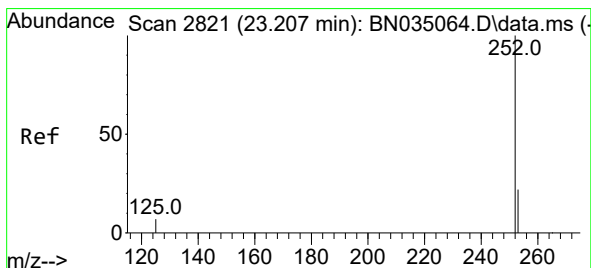
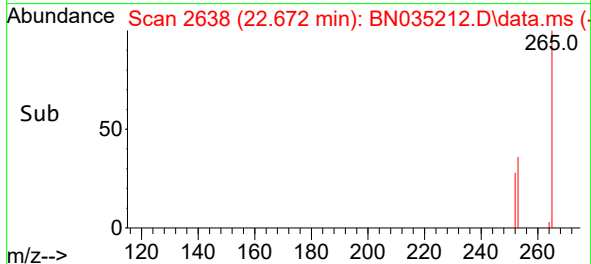
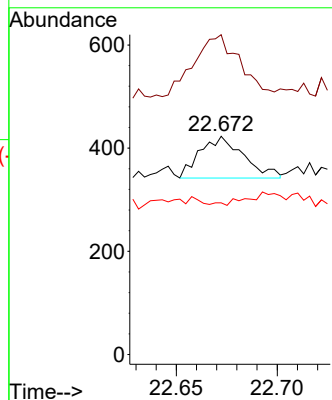
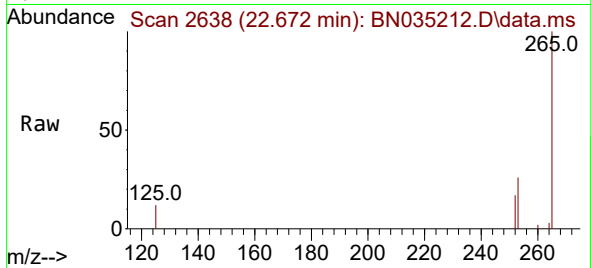




#37
Benzo(b)fluoranthene
Concen: 0.422 ng
RT: 22.672 min Scan# 2638
Delta R.T. 0.000 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

Tgt Ion:252 Resp: 122
Ion Ratio Lower Upper
252 100
253 146.6 19.3 28.9#
125 69.5 6.2 9.2#



#39
Benzo(a)pyrene
Concen: 0.047 ng
RT: 23.234 min Scan# 2830
Delta R.T. 0.009 min
Lab File: BN035212.D
Acq: 21 Nov 2024 00:49

Tgt Ion:252 Resp: 12
Ion Ratio Lower Upper
252 100
253 141.1 20.1 30.1#
125 82.4 7.5 11.3#

