

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035824.D
 Acq On : 24 Dec 2024 16:42
 Operator : RC/JU
 Sample : P5376-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01S-20241218

Quant Time: Dec 24 23:19:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

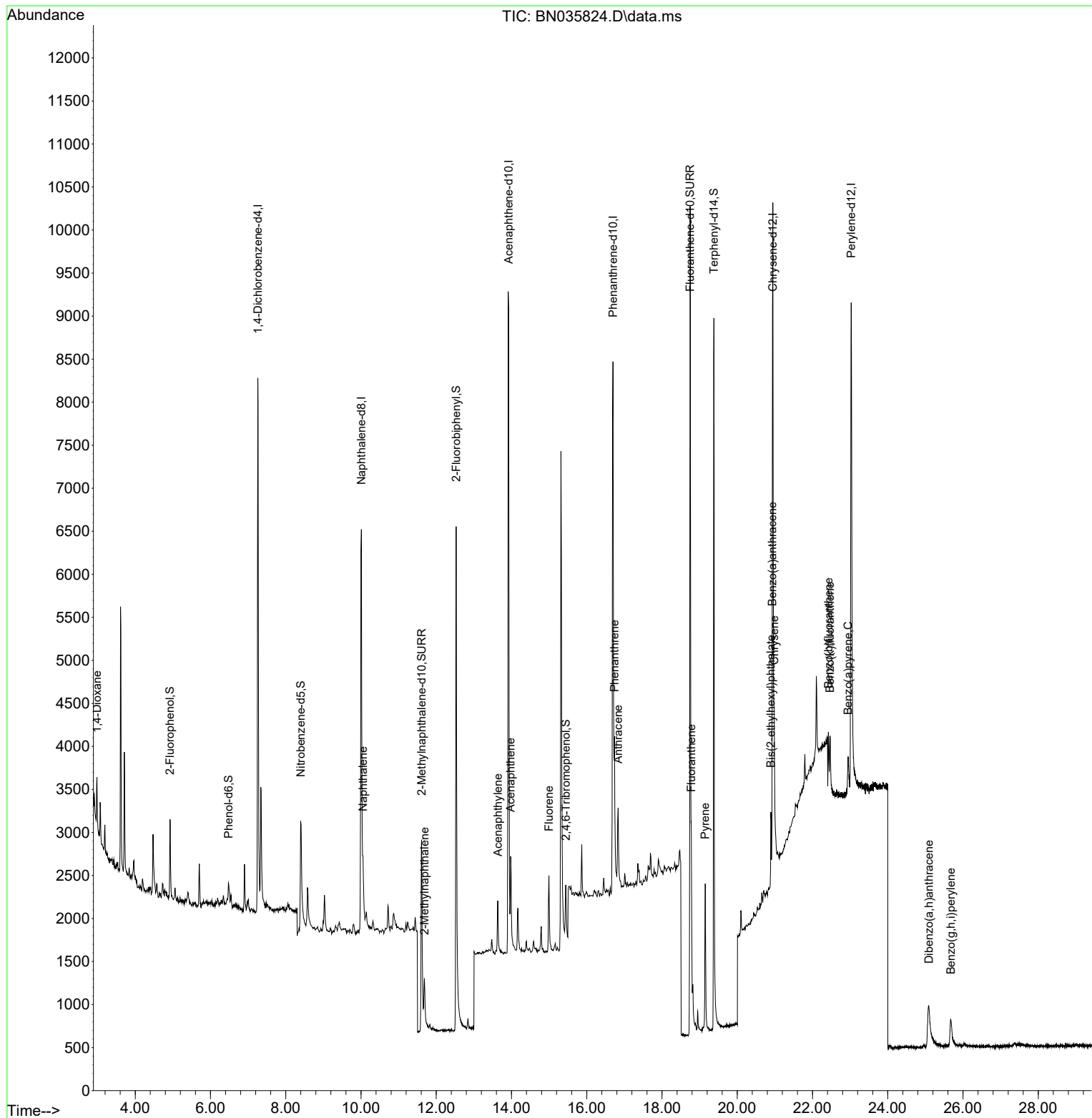
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	3542	0.400	ng	-0.01
7) Naphthalene-d8	10.009	136	8575	0.400	ng	#-0.01
13) Acenaphthene-d10	13.925	164	5533	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	11307	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	9270	0.400	ng	0.00
35) Perylene-d12	23.029	264	9119	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	827	0.093	ng	-0.01
5) Phenol-d6	6.477	99	397	0.037	ng	-0.01
8) Nitrobenzene-d5	8.397	82	2265	0.432	ng	-0.01
11) 2-Methylnaphthalene-d10	11.611	152	4576	0.341	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	766	0.195	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	7209	0.345	ng	-0.02
27) Fluoranthene-d10	18.747	212	12883	0.402	ng	-0.01
31) Terphenyl-d14	19.379	244	9501	0.520	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	493	0.146	ng	# 73
9) Naphthalene	10.052	128	803	0.036	ng	# 72
12) 2-Methylnaphthalene	11.687	142	502	0.031	ng	# 79
16) Acenaphthylene	13.636	152	877	0.038	ng	96
17) Acenaphthene	13.978	154	539	0.035	ng	98
18) Fluorene	14.994	166	778	0.035	ng	96
25) Phenanthrene	16.736	178	1755	0.057	ng	100
26) Anthracene	16.835	178	1113	0.040	ng	97
28) Fluoranthene	18.780	202	1804	0.043	ng	# 97
30) Pyrene	19.147	202	1807	0.053	ng	99
32) Benzo(a)anthracene	20.929	228	1100	0.034	ng	# 87
33) Chrysene	20.983	228	1514	0.045	ng	# 91
34) Bis(2-ethylhexyl)phtha...	20.893	149	988	0.077	ng	# 97
37) Benzo(b)fluoranthene	22.424	252	1409	0.042	ng	# 22
38) Benzo(k)fluoranthene	22.465	252	1028	0.031	ng	# 18
39) Benzo(a)pyrene	22.945	252	820	0.030	ng	# 1
40) Dibenzo(a,h)anthracene	25.096	278	685	0.024	ng	# 1
41) Benzo(g,h,i)perylene	25.675	276	816	0.028	ng	# 50

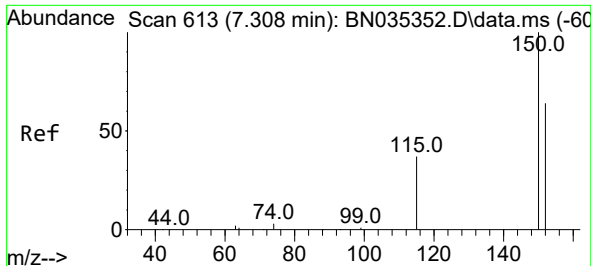
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
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BNA_N
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RW10A-MW01S-20241218

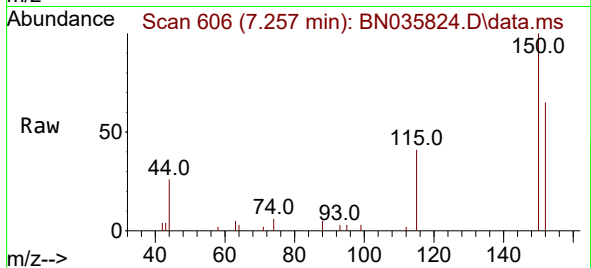
Quant Time: Dec 24 23:19:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



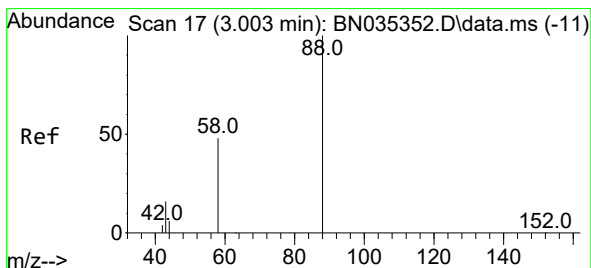
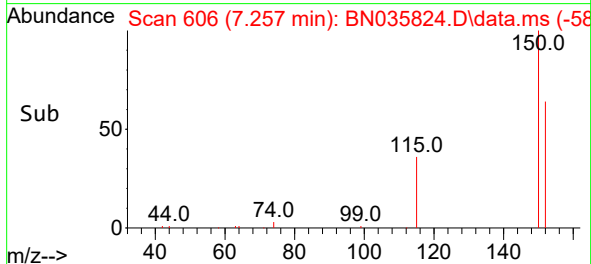
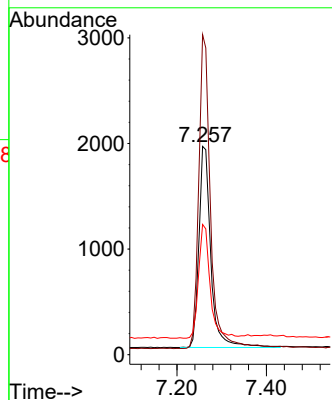


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.257 min Scan# 60
Delta R.T. -0.015 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20241218

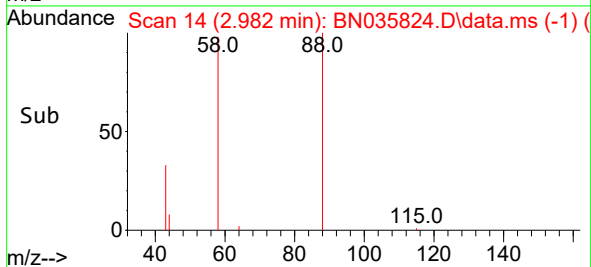
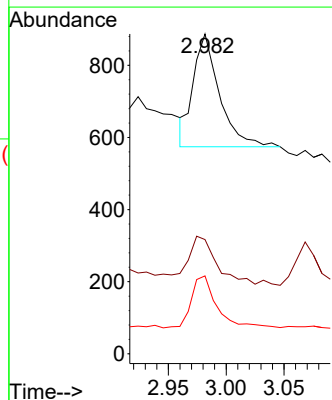
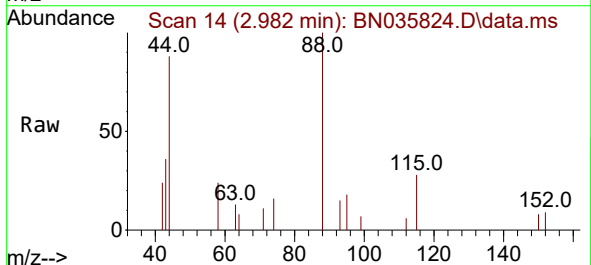


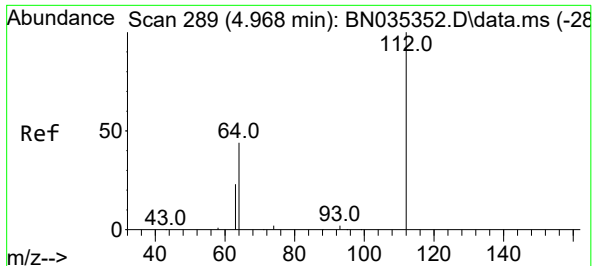
Tgt Ion:152 Resp: 3542
Ion Ratio Lower Upper
152 100
150 153.6 124.0 186.0
115 62.5 49.6 74.4



#2
1,4-Dioxane
Concen: 0.146 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Tgt Ion: 88 Resp: 493
Ion Ratio Lower Upper
88 100
43 49.5 17.2 25.8#
58 44.6 44.5 66.7

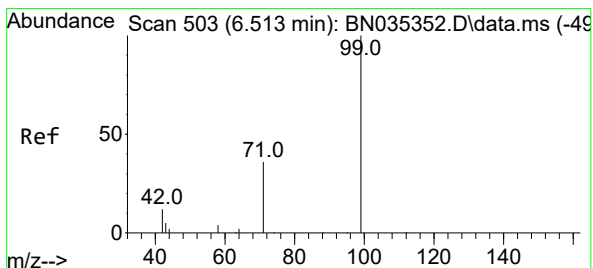
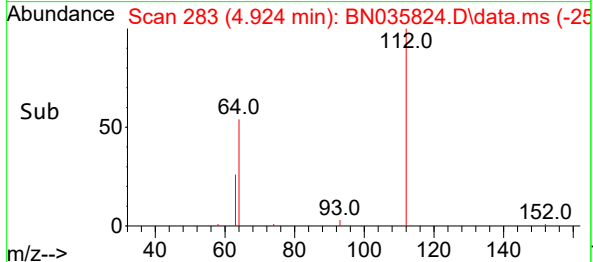
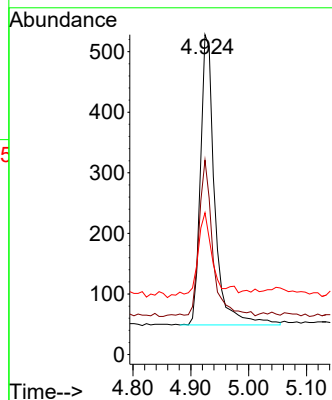
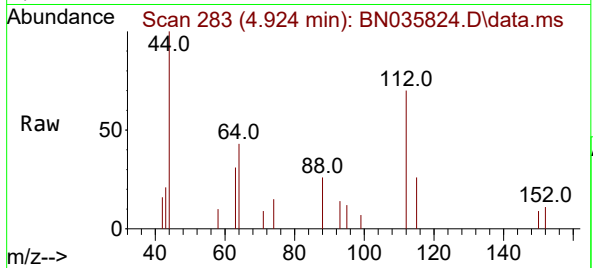




#4
2-Fluorophenol
Concen: 0.093 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

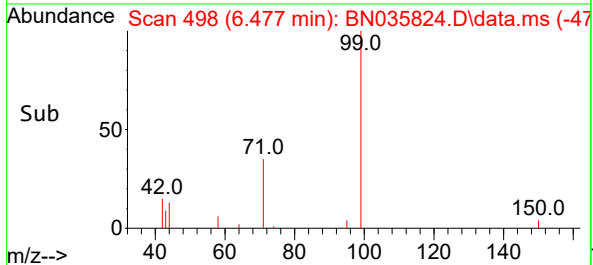
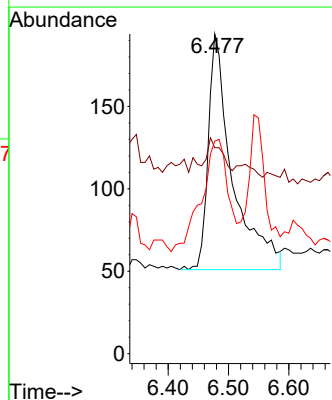
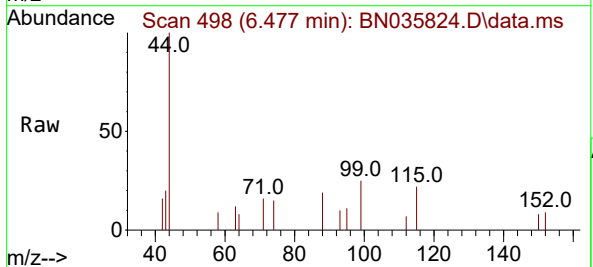
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20241218

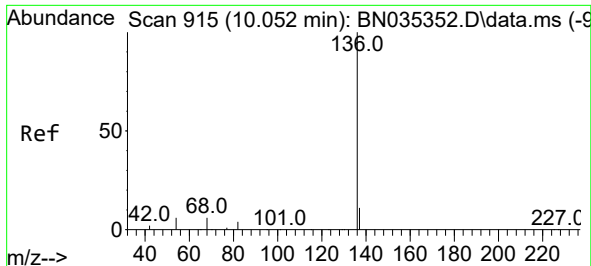
Tgt Ion:112 Resp: 827
Ion Ratio Lower Upper
112 100
64 51.9 39.8 59.8
63 29.9 21.0 31.6



#5
Phenol-d6
Concen: 0.037 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Tgt Ion: 99 Resp: 397
Ion Ratio Lower Upper
99 100
42 14.6 11.4 17.2
71 52.1 29.3 43.9#

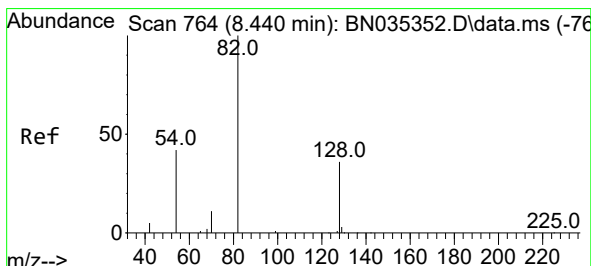
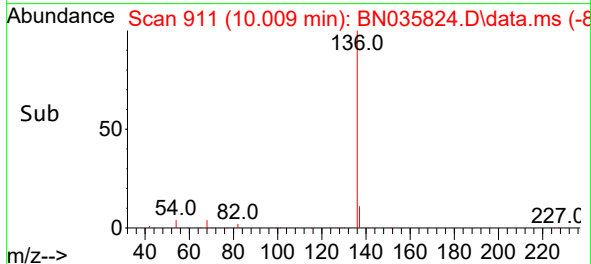
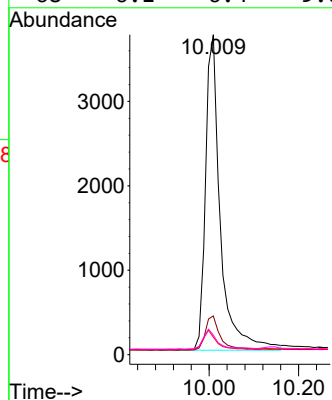
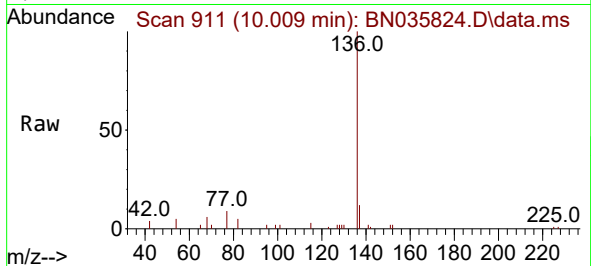




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

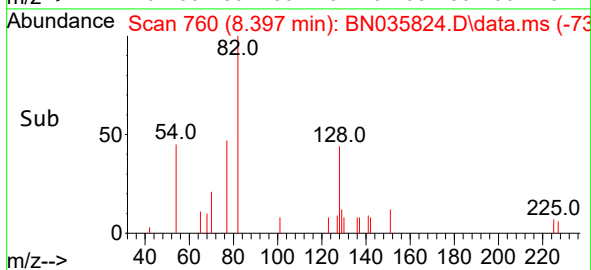
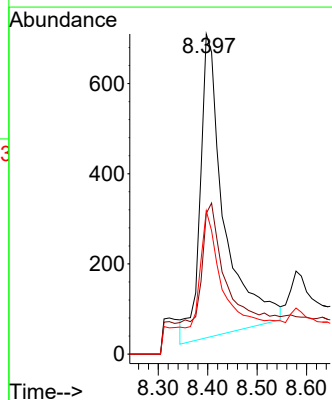
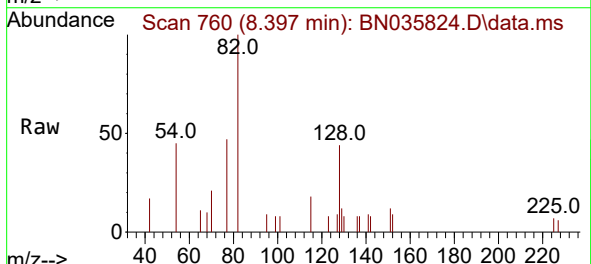
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20241218

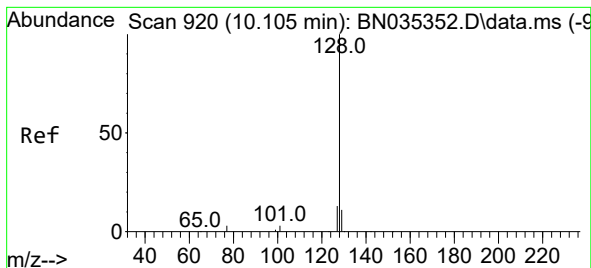
Tgt Ion:	136	Resp:	8575
Ion Ratio	Lower	Upper	
136	100		
137	12.1	10.2	15.2
54	5.5	6.1	9.1#
68	6.1	6.4	9.6#



#8
Nitrobenzene-d5
Concen: 0.432 ng
RT: 8.397 min Scan# 760
Delta R.T. -0.011 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Tgt Ion:	82	Resp:	2265
Ion Ratio	Lower	Upper	
82	100		
128	43.9	33.4	50.0
54	44.8	36.7	55.1





#9

Naphthalene

Concen: 0.036 ng

RT: 10.052 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN035824.D

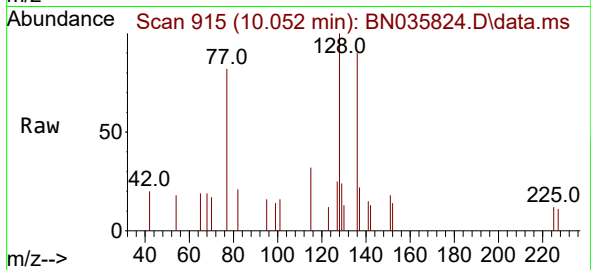
Acq: 24 Dec 2024 16:42

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01S-20241218



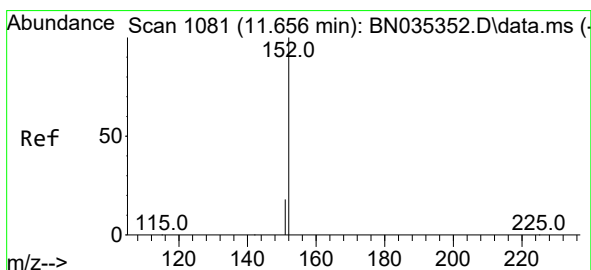
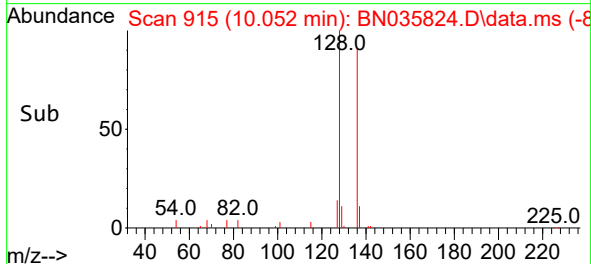
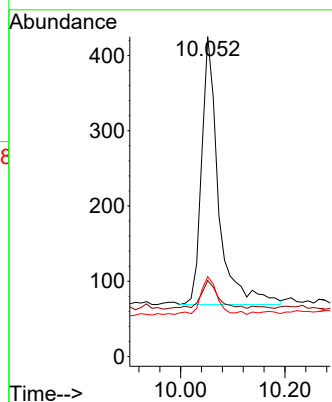
Tgt Ion:128 Resp: 803

Ion Ratio Lower Upper

128 100

129 23.8 9.8 14.6#

127 24.9 11.4 17.2#



#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

RT: 11.611 min Scan# 1072

Delta R.T. -0.010 min

Lab File: BN035824.D

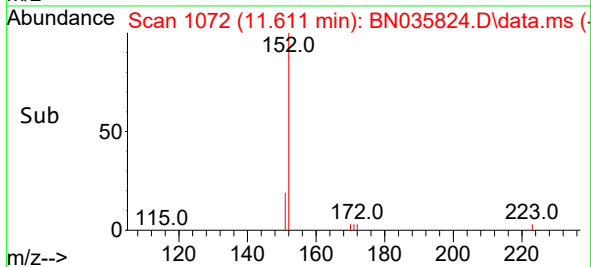
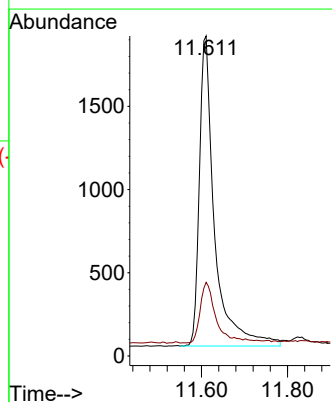
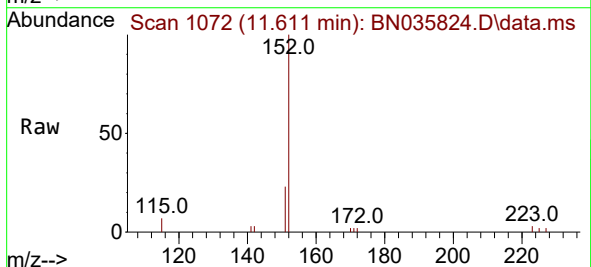
Acq: 24 Dec 2024 16:42

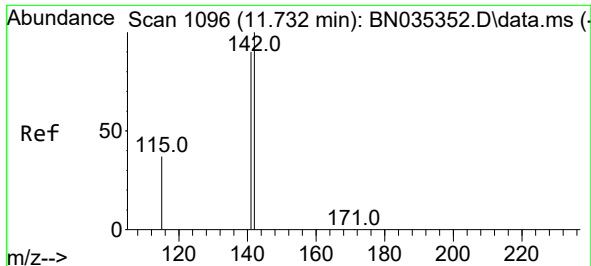
Tgt Ion:152 Resp: 4576

Ion Ratio Lower Upper

152 100

151 19.6 16.6 25.0

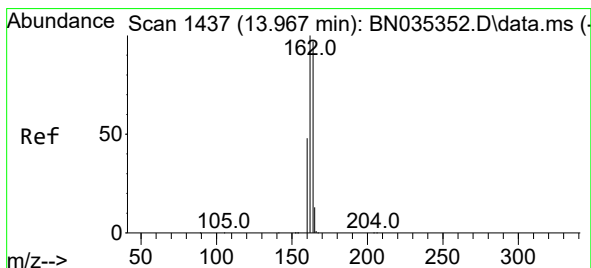
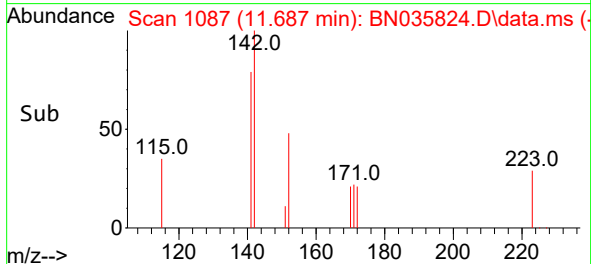
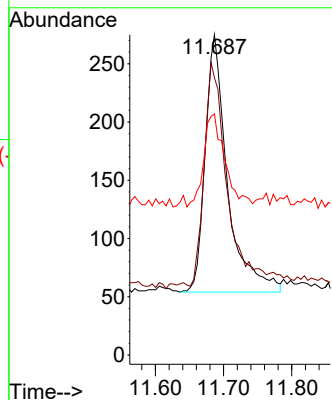
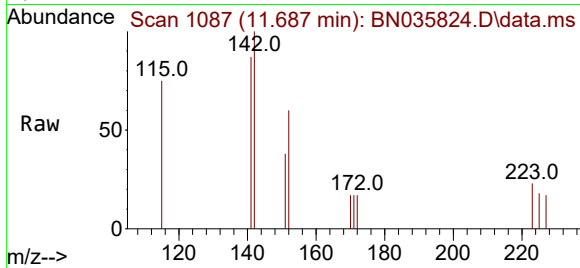




#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 11.687 min Scan# 1096
Delta R.T. -0.010 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

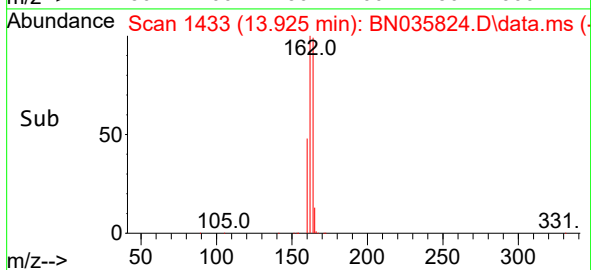
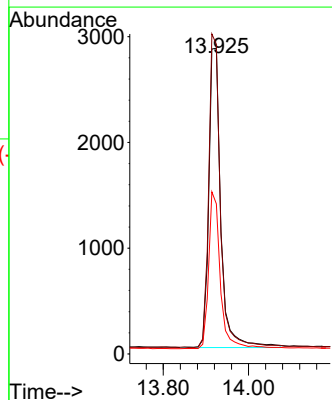
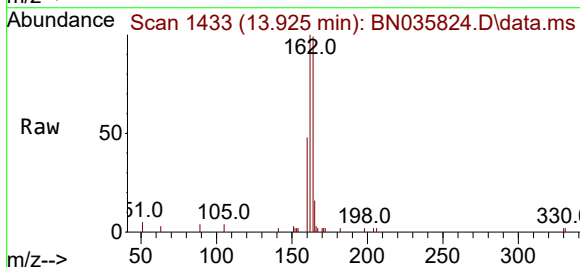
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20241218

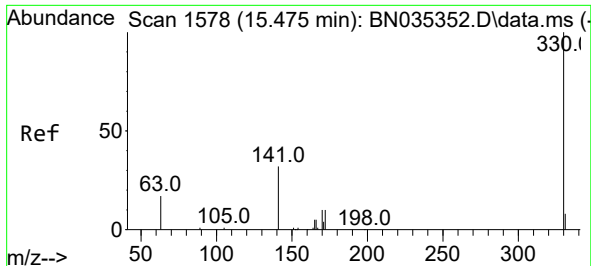
Tgt Ion:142 Resp: 502
Ion Ratio Lower Upper
142 100
141 86.5 72.2 108.4
115 75.3 31.4 47.0#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Tgt Ion:164 Resp: 5533
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 49.1 40.1 60.1

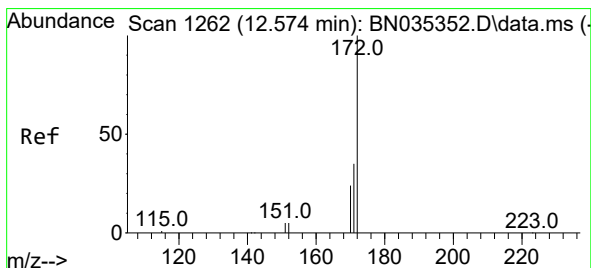
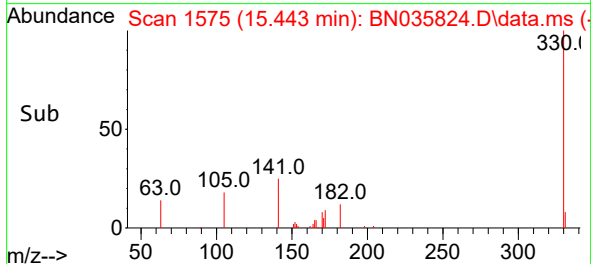
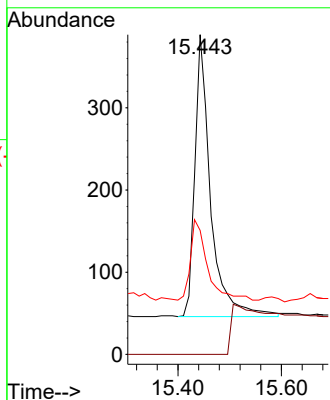
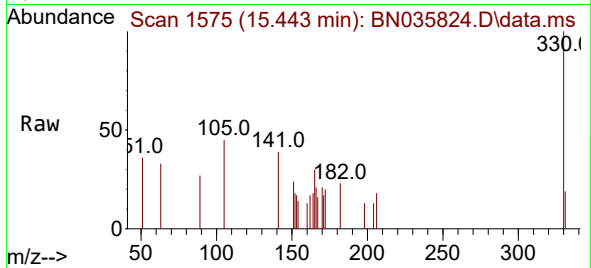




#14
2,4,6-Tribromophenol
Concen: 0.195 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

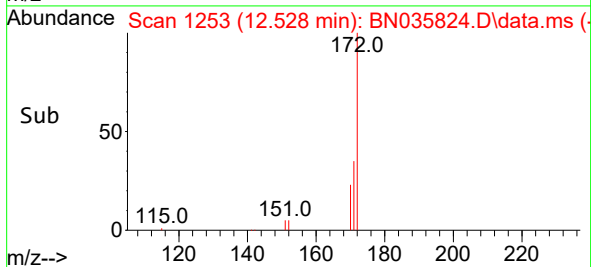
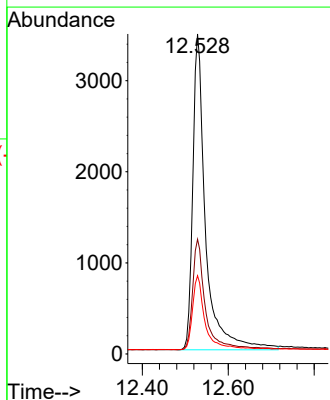
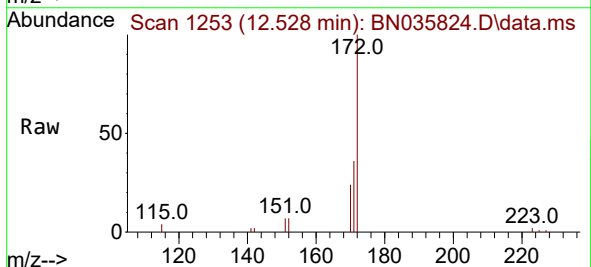
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20241218

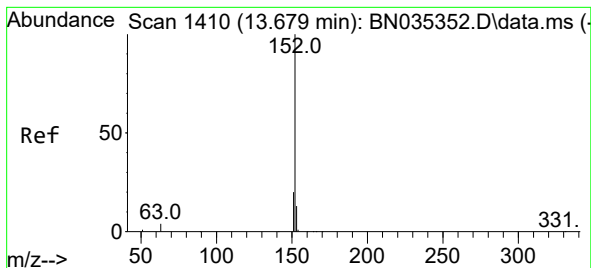
Tgt Ion:330 Resp: 766
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.528 min Scan# 1253
Delta R.T. -0.015 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Tgt Ion:172 Resp: 7209
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 24.5 19.8 29.8





#16

Acenaphthylene

Concen: 0.038 ng

RT: 13.636 min Scan# 1406

Delta R.T. -0.011 min

Lab File: BN035824.D

Acq: 24 Dec 2024 16:42

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01S-20241218

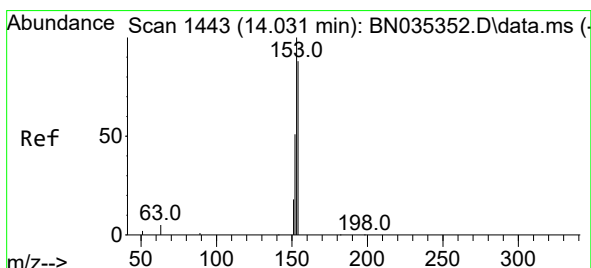
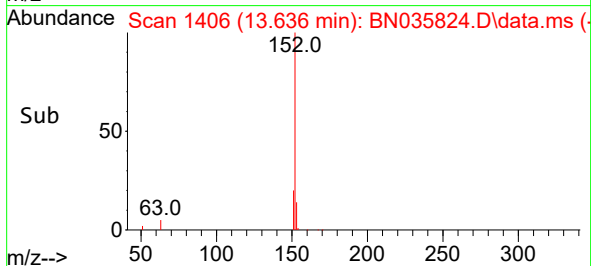
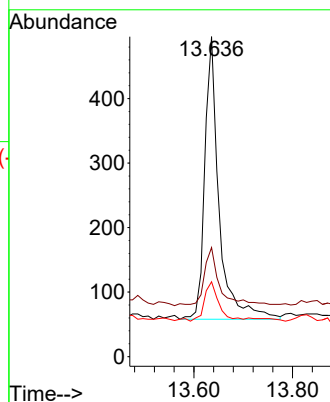
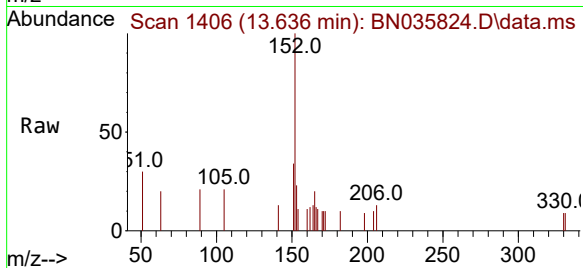
Tgt Ion:152 Resp: 877

Ion Ratio Lower Upper

152 100

151 22.6 16.2 24.2

153 13.7 10.4 15.6



#17

Acenaphthene

Concen: 0.035 ng

RT: 13.978 min Scan# 1438

Delta R.T. -0.021 min

Lab File: BN035824.D

Acq: 24 Dec 2024 16:42

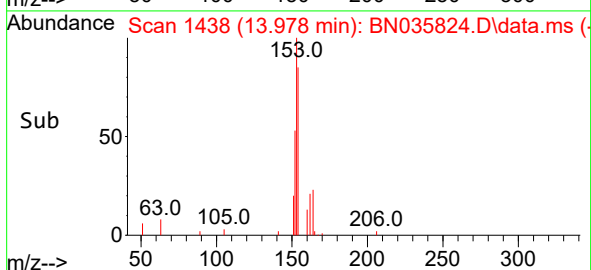
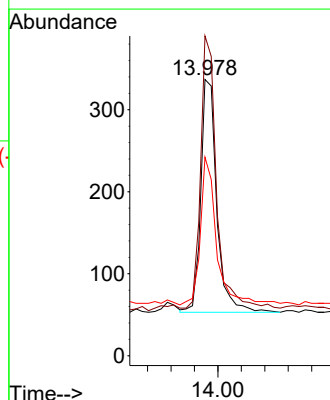
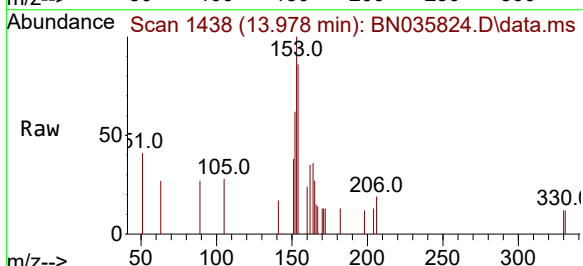
Tgt Ion:154 Resp: 539

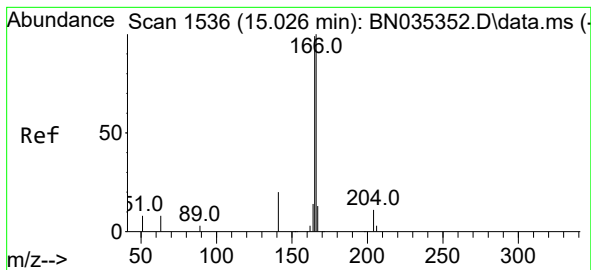
Ion Ratio Lower Upper

154 100

153 115.6 92.6 139.0

152 64.9 49.0 73.6





#18

Fluorene

Concen: 0.035 ng

RT: 14.994 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN035824.D

Acq: 24 Dec 2024 16:42

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01S-20241218

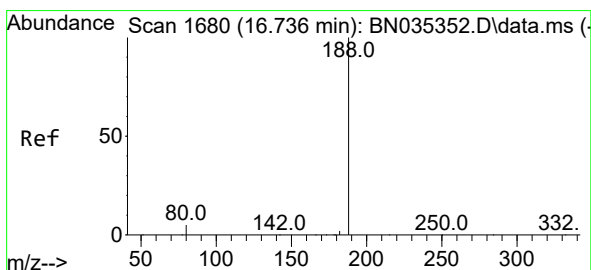
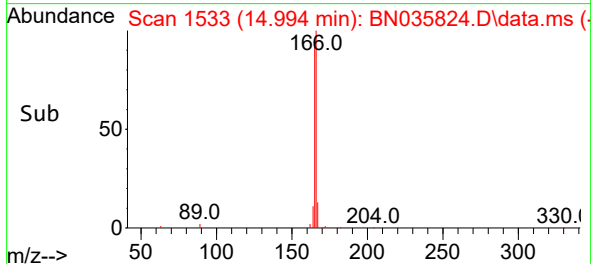
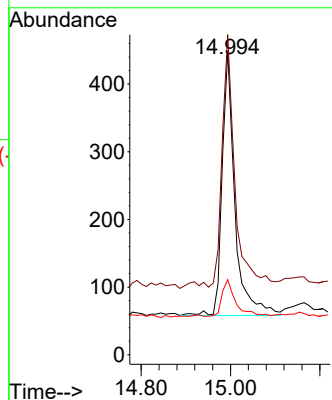
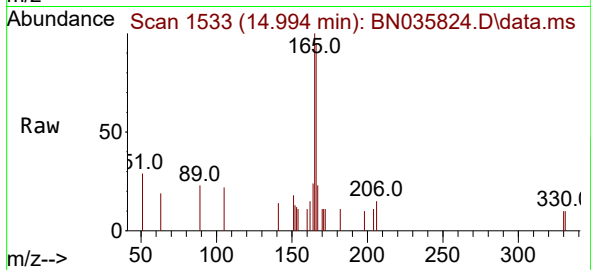
Tgt Ion:166 Resp: 778

Ion Ratio Lower Upper

166 100

165 95.8 79.7 119.5

167 15.2 10.8 16.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BN035824.D

Acq: 24 Dec 2024 16:42

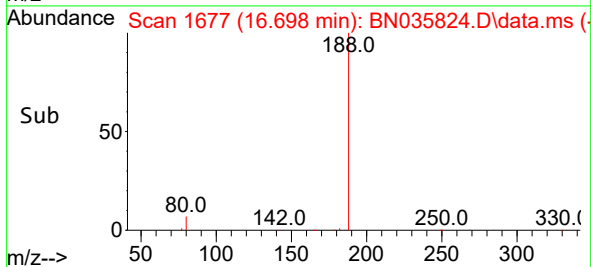
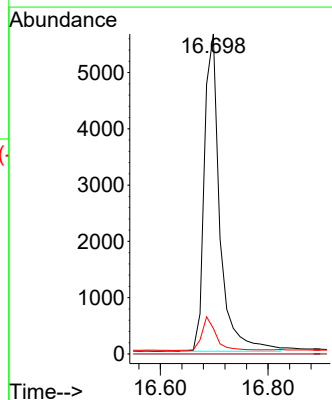
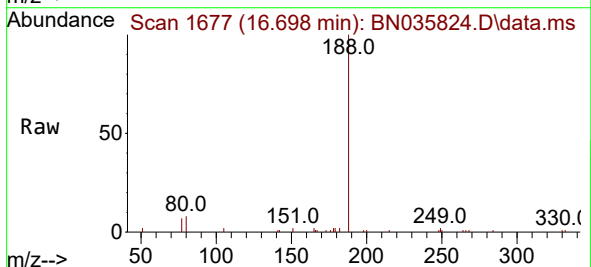
Tgt Ion:188 Resp: 11307

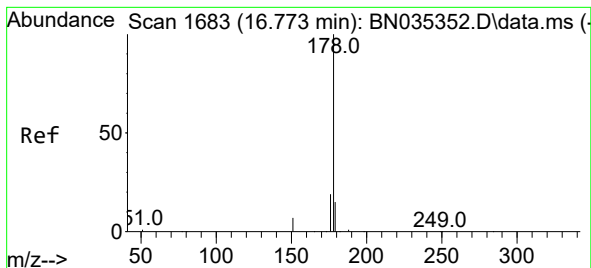
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 4.6 6.8#





#25

Phenanthrene

Concen: 0.057 ng

RT: 16.736 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BN035824.D

Acq: 24 Dec 2024 16:42

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01S-20241218

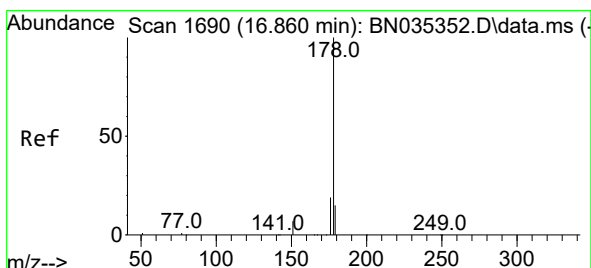
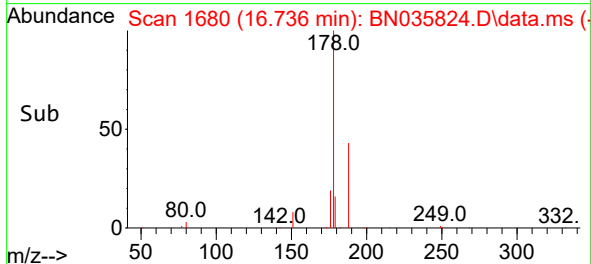
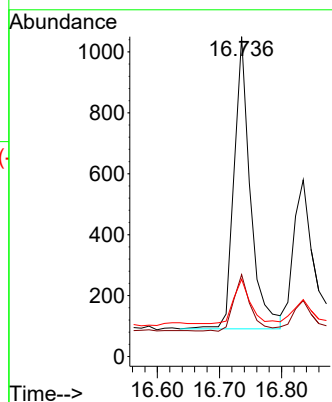
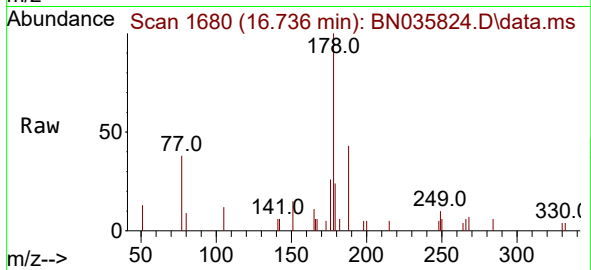
Tgt Ion:178 Resp: 1755

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.7 12.3 18.5



#26

Anthracene

Concen: 0.040 ng

RT: 16.835 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BN035824.D

Acq: 24 Dec 2024 16:42

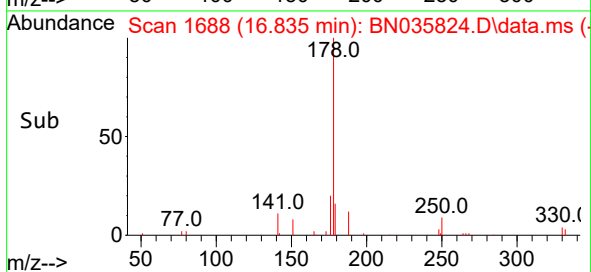
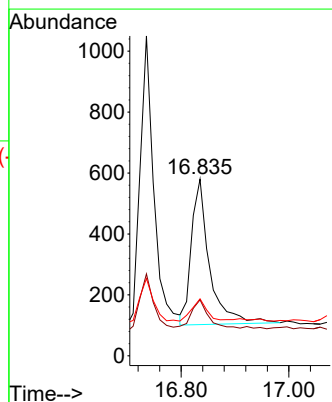
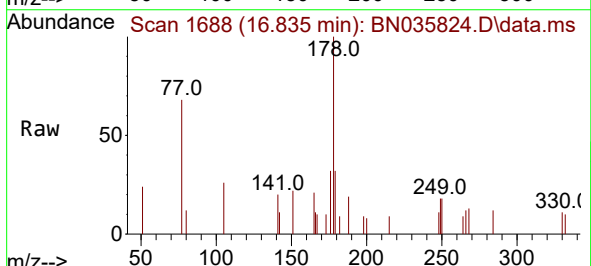
Tgt Ion:178 Resp: 1113

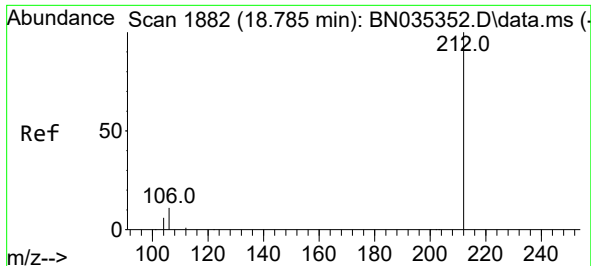
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 12.8 12.6 18.8

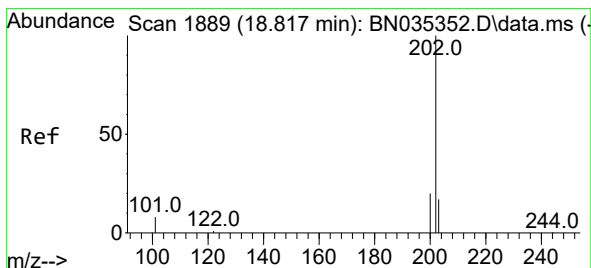
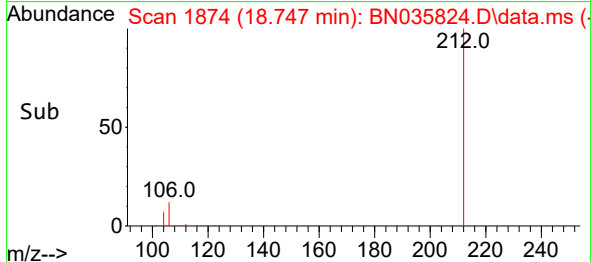
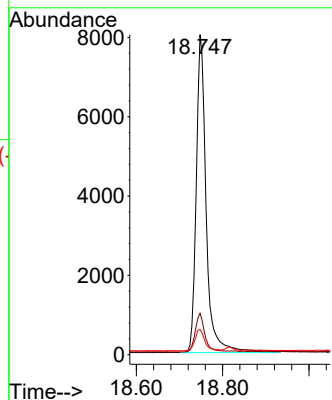
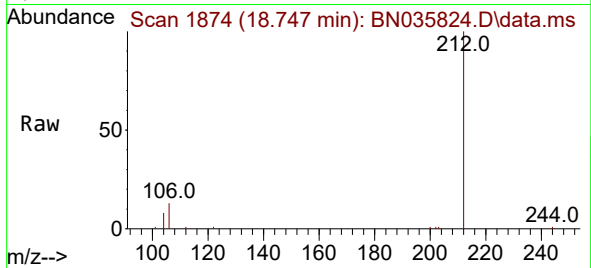




#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 18.747 min Scan# 1882
Delta R.T. -0.014 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

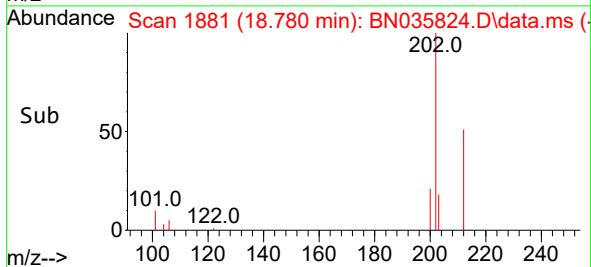
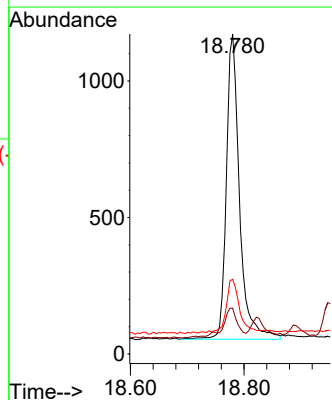
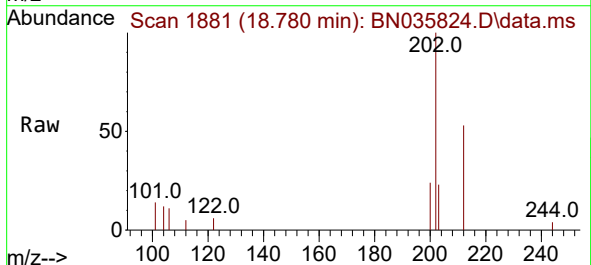
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20241218

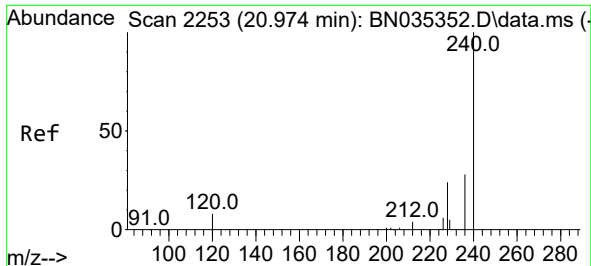
Tgt Ion:212 Resp: 12883
Ion Ratio Lower Upper
212 100
106 11.7 9.2 13.8
104 6.7 5.3 7.9



#28
Fluoranthene
Concen: 0.043 ng
RT: 18.780 min Scan# 1881
Delta R.T. -0.009 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Tgt Ion:202 Resp: 1804
Ion Ratio Lower Upper
202 100
101 11.1 7.4 11.0#
203 18.0 13.7 20.5

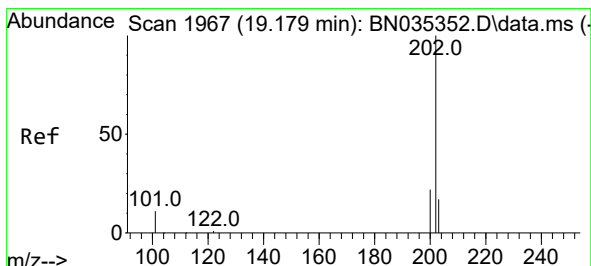
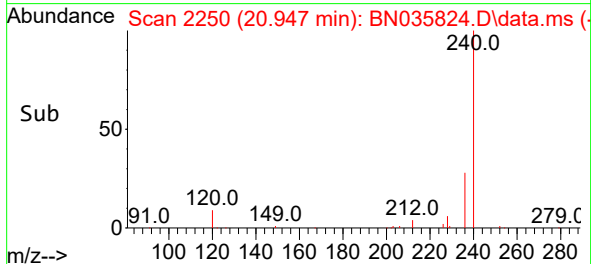
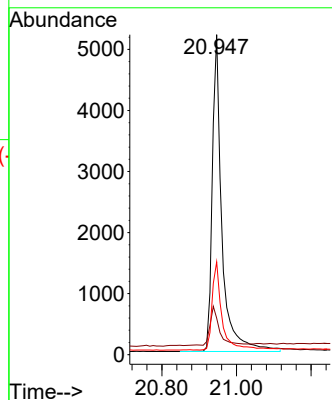
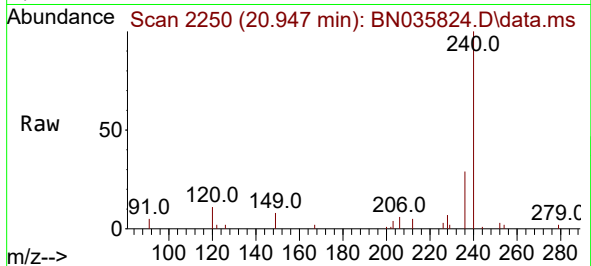




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

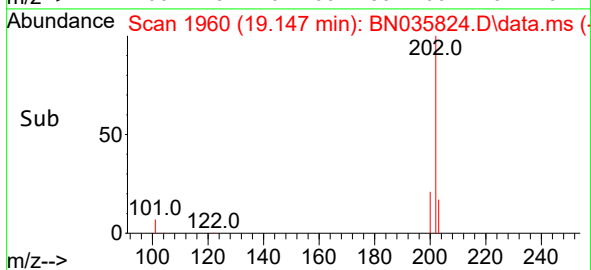
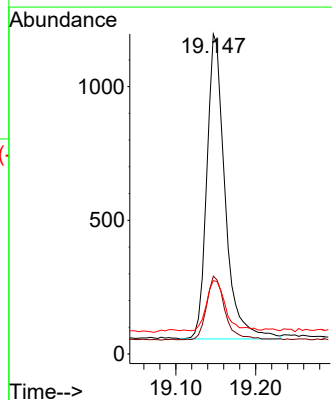
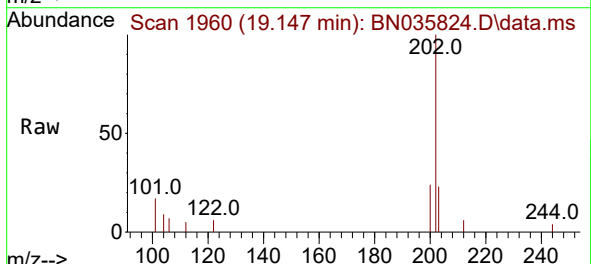
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20241218

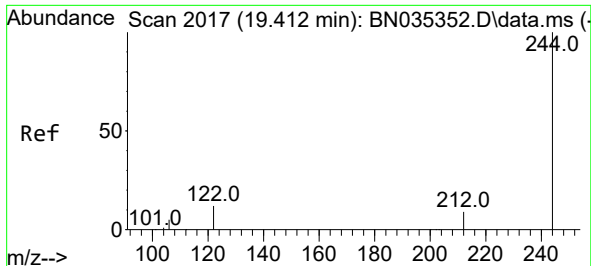
Tgt Ion:240 Resp: 9270
Ion Ratio Lower Upper
240 100
120 11.4 7.9 11.9
236 29.0 22.9 34.3



#30
Pyrene
Concen: 0.053 ng
RT: 19.147 min Scan# 1960
Delta R.T. -0.014 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Tgt Ion:202 Resp: 1807
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.7 14.3 21.5

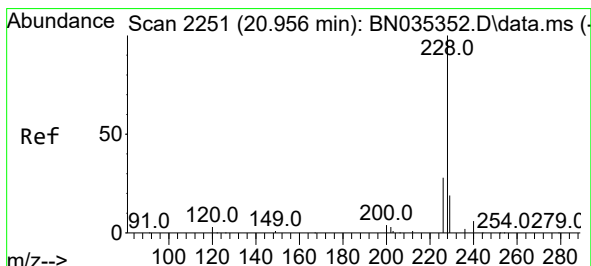
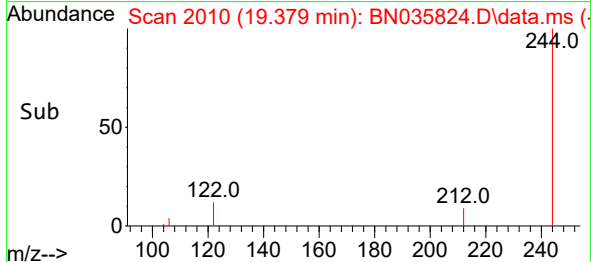
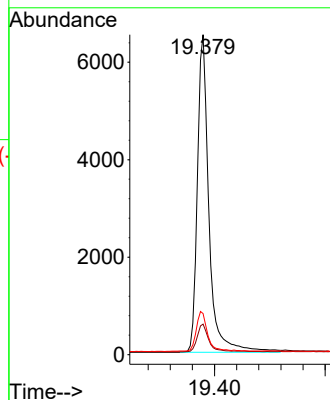
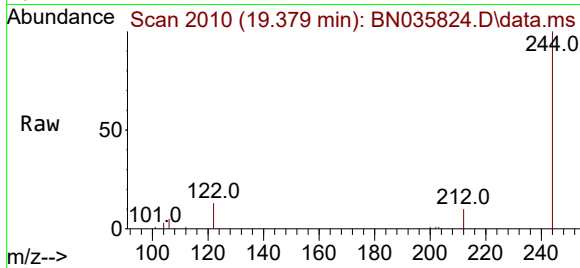




#31
Terphenyl-d14
Concen: 0.520 ng
RT: 19.379 min Scan# 2017
Delta R.T. -0.009 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

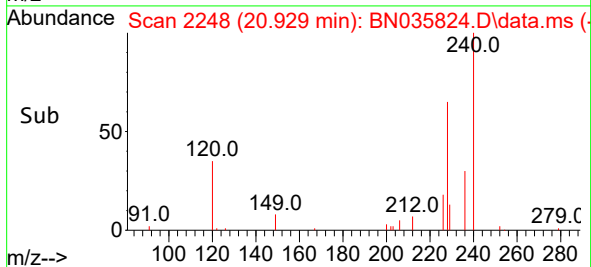
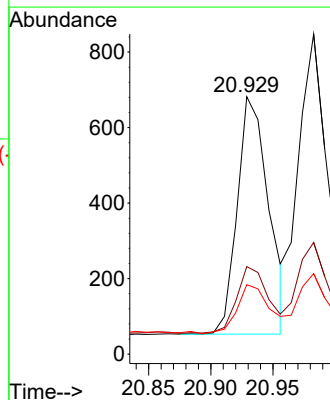
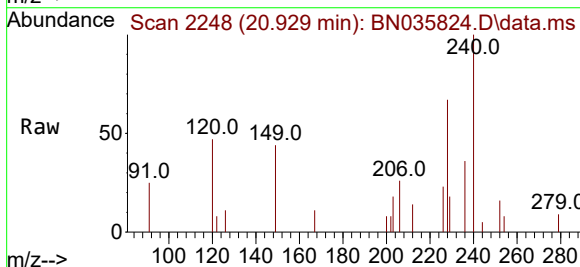
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20241218

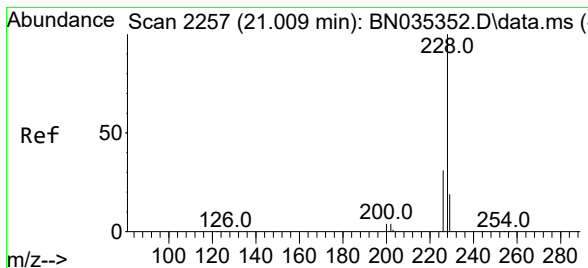
Tgt Ion:244 Resp: 9501
Ion Ratio Lower Upper
244 100
212 9.5 8.1 12.1
122 12.8 10.3 15.5



#32
Benzo(a)anthracene
Concen: 0.034 ng
RT: 20.929 min Scan# 2248
Delta R.T. -0.009 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Tgt Ion:228 Resp: 1100
Ion Ratio Lower Upper
228 100
226 34.0 22.5 33.7#
229 27.0 15.8 23.8#





#33

Chrysene

Concen: 0.045 ng

RT: 20.983 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035824.D

Acq: 24 Dec 2024 16:42

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01S-20241218

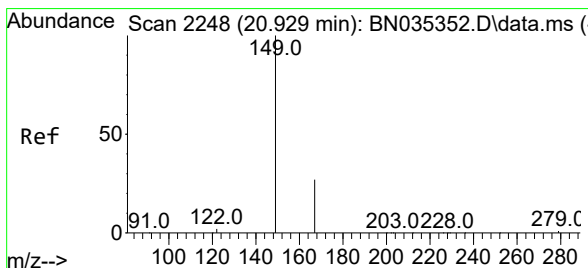
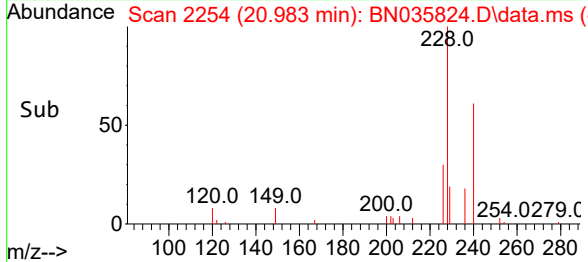
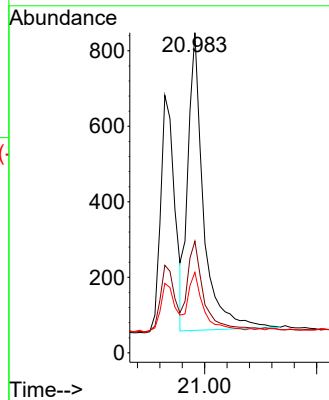
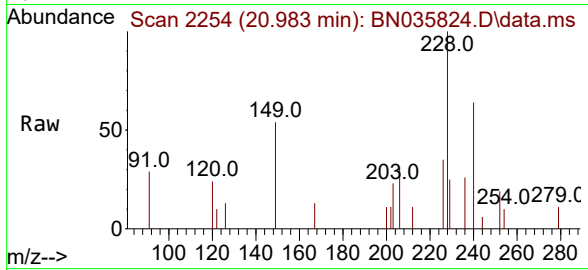
Tgt Ion:228 Resp: 1514

Ion Ratio Lower Upper

228 100

226 34.9 24.6 37.0

229 25.1 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.077 ng

RT: 20.893 min Scan# 2244

Delta R.T. -0.018 min

Lab File: BN035824.D

Acq: 24 Dec 2024 16:42

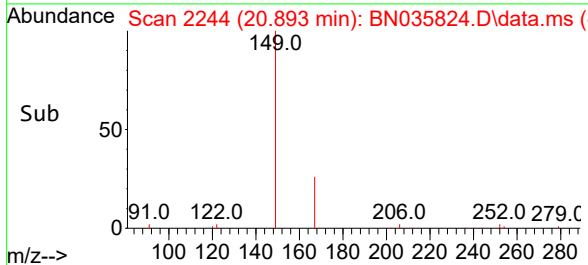
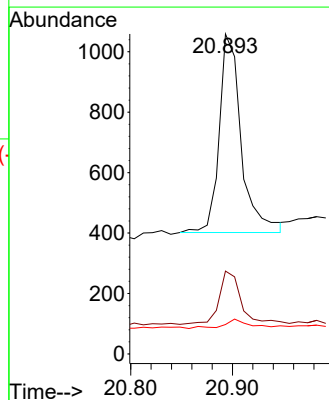
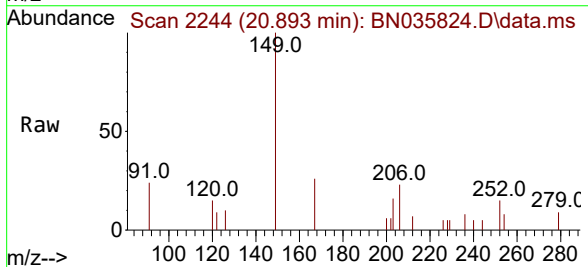
Tgt Ion:149 Resp: 988

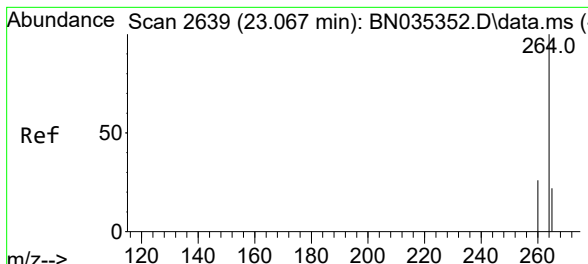
Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.4

279 5.5 2.7 4.1#

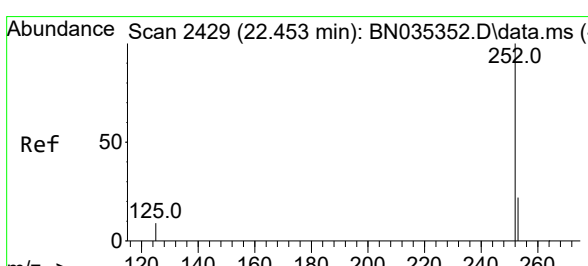
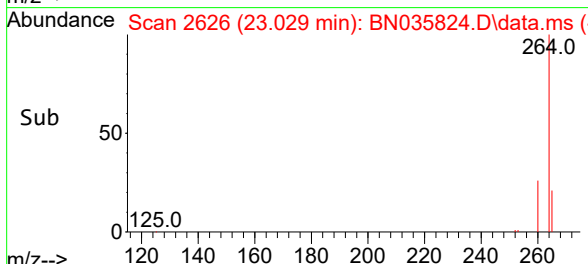
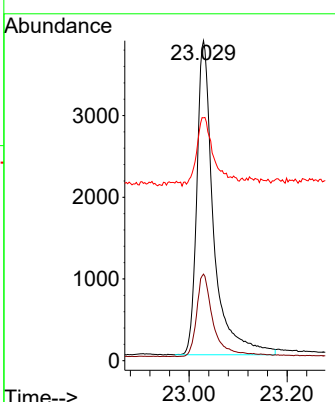
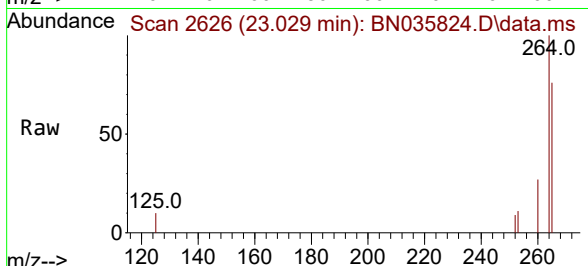




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.029 min Scan# 2626
 Delta R.T. -0.012 min
 Lab File: BN035824.D
 Acq: 24 Dec 2024 16:42

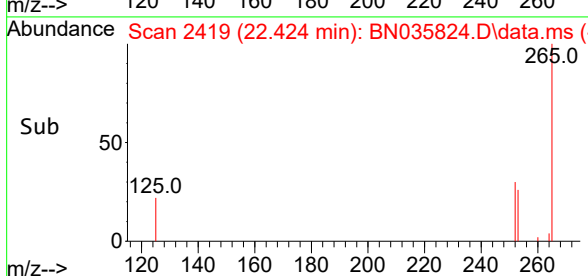
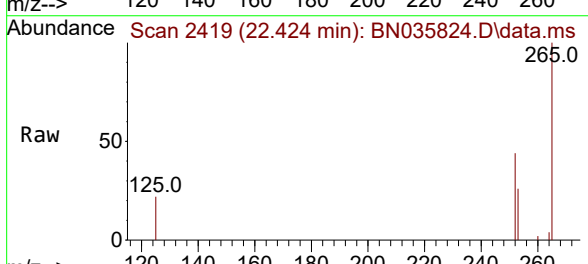
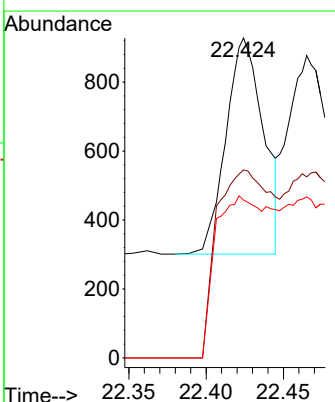
Instrument : BNA_N
 ClientSampleId : RW10A-MW01S-20241218

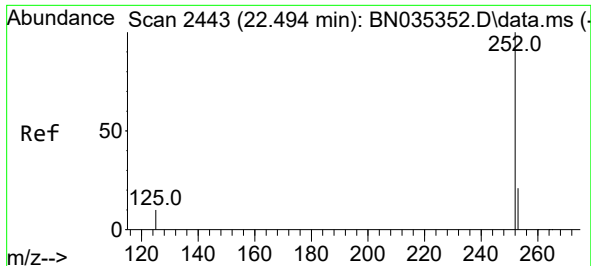
Tgt Ion:264	Resp:	9119
Ion Ratio	Lower	Upper
264	100	
260	27.1	21.4 32.2
265	75.9	40.2 60.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.042 ng
 RT: 22.424 min Scan# 2419
 Delta R.T. -0.006 min
 Lab File: BN035824.D
 Acq: 24 Dec 2024 16:42

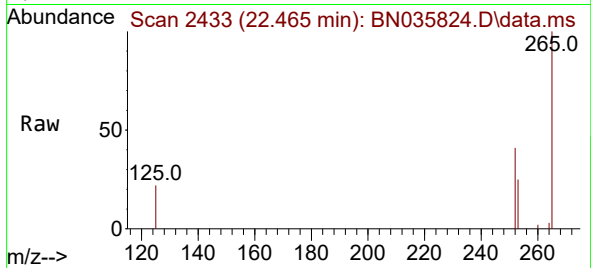
Tgt Ion:252	Resp:	1409
Ion Ratio	Lower	Upper
252	100	
253	58.7	19.6 29.4#
125	49.4	9.6 14.4#



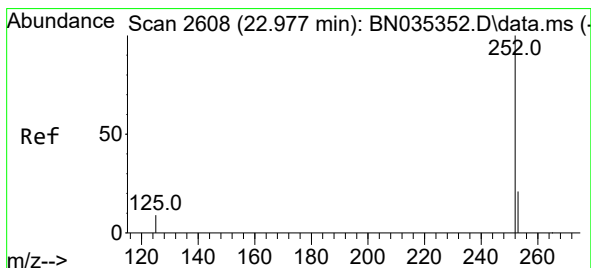
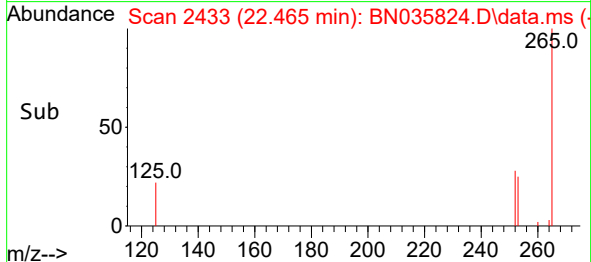
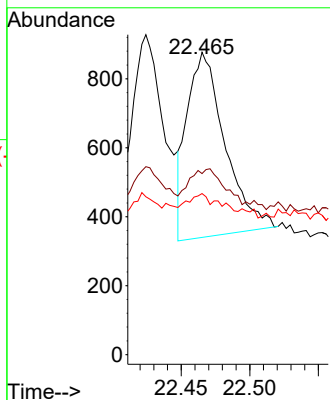


#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 22.465 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20241218

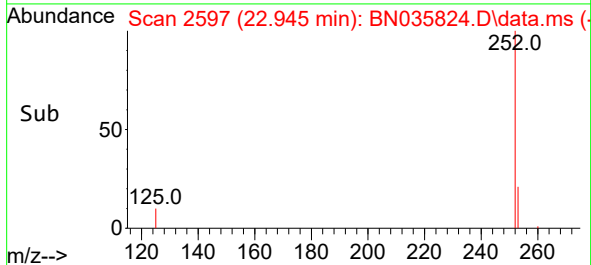
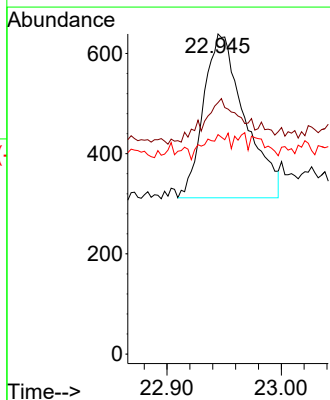
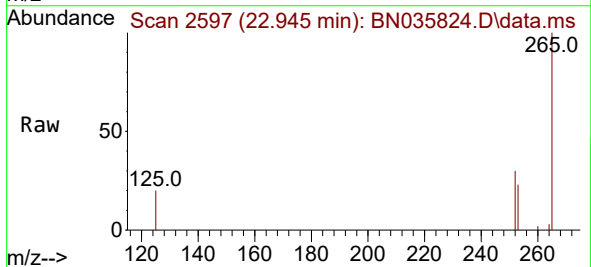


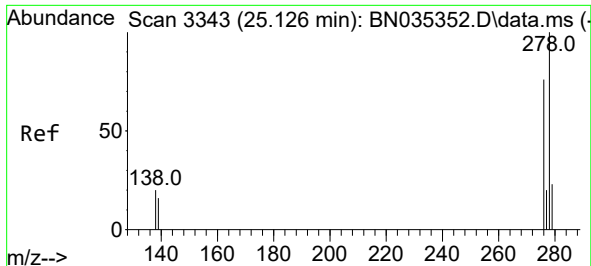
Tgt Ion:252 Resp: 1028
Ion Ratio Lower Upper
252 100
253 59.9 19.5 29.3#
125 53.2 10.2 15.4#



#39
Benzo(a)pyrene
Concen: 0.030 ng
RT: 22.945 min Scan# 2597
Delta R.T. -0.006 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Tgt Ion:252 Resp: 820
Ion Ratio Lower Upper
252 100
253 78.6 20.2 30.4#
125 68.5 10.9 16.3#

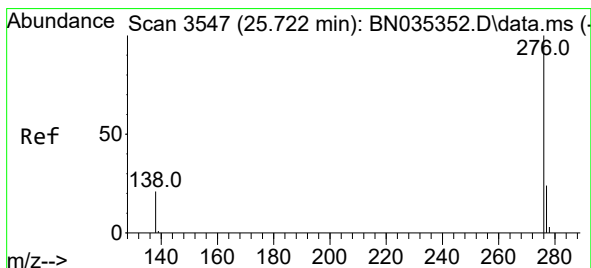
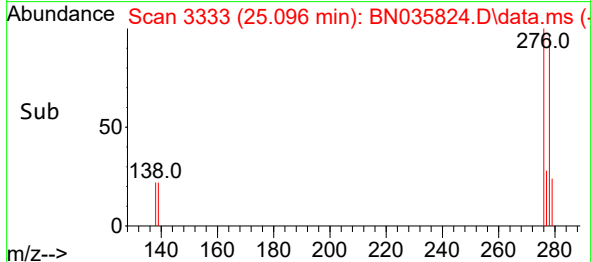
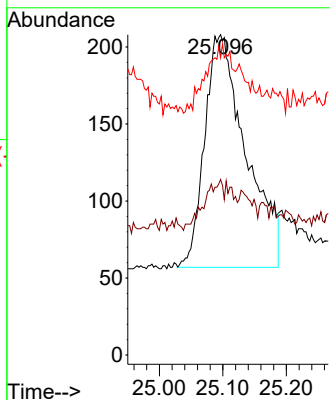
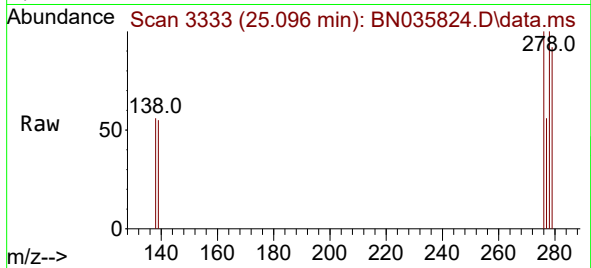




#40
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 25.096 min Scan# 31
Delta R.T. 0.015 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20241218

Tgt Ion:278 Resp: 685
Ion Ratio Lower Upper
278 100
139 54.8 14.2 21.4#
279 92.8 20.5 30.7#



#41
Benzo(g,h,i)perylene
Concen: 0.028 ng
RT: 25.675 min Scan# 3531
Delta R.T. -0.003 min
Lab File: BN035824.D
Acq: 24 Dec 2024 16:42

Tgt Ion:276 Resp: 816
Ion Ratio Lower Upper
276 100
277 48.7 19.9 29.9#
138 47.2 17.8 26.8#

