

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035825.D
 Acq On : 24 Dec 2024 17:18
 Operator : RC/JU
 Sample : P5376-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20241218

Quant Time: Dec 24 23:20:05 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)

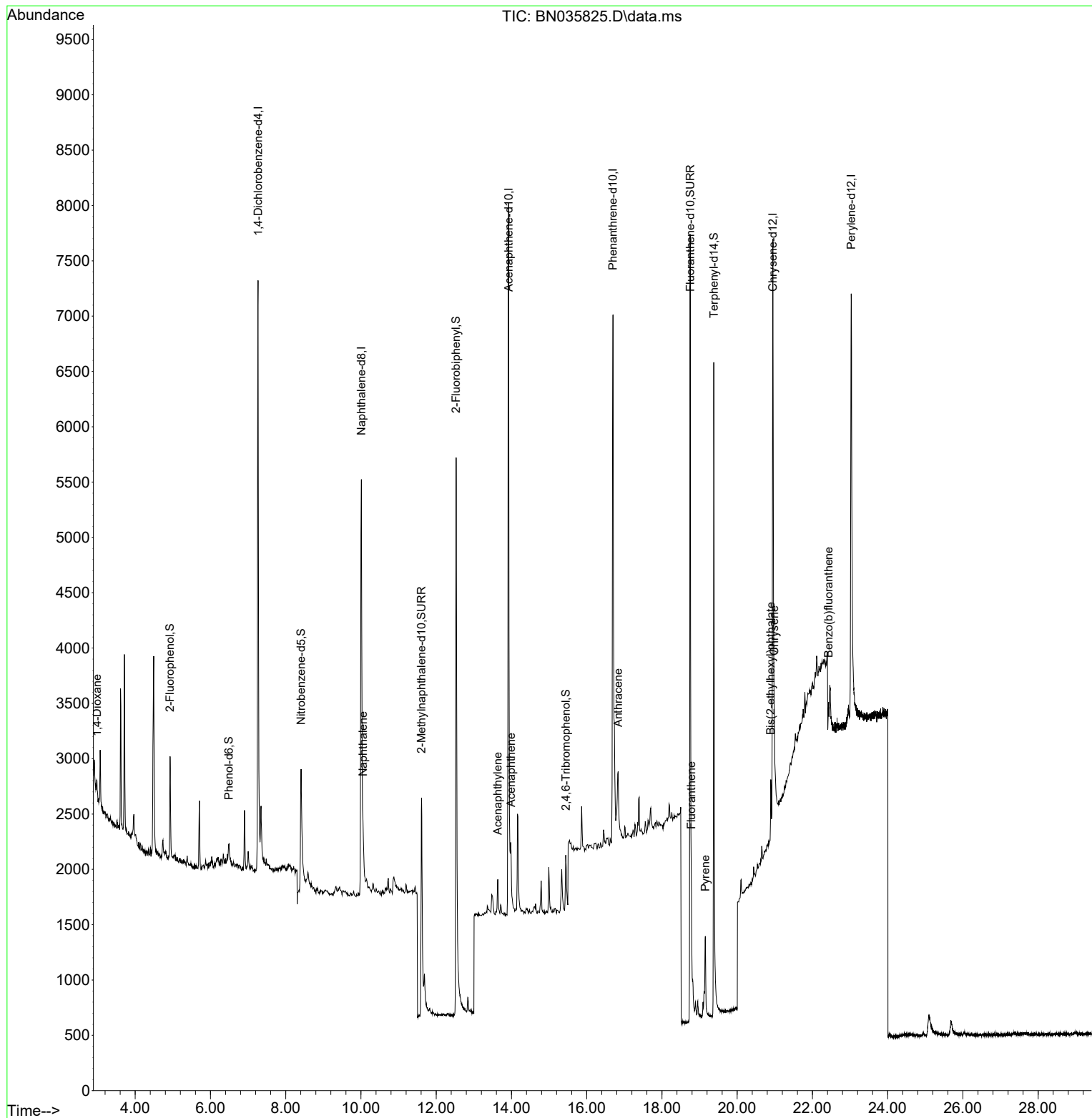
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3186	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7275	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	4568	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9048	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	6943	0.400	ng	# 0.00
35) Perylene-d12	23.029	264	6791	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	881	0.110	ng	-0.01
5) Phenol-d6	6.484	99	395	0.041	ng	0.00
8) Nitrobenzene-d5	8.408	82	2909	0.655	ng	0.00
11) 2-Methylnaphthalene-d10	11.610	152	4263	0.374	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	626	0.193	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	6668	0.386	ng	-0.02
27) Fluoranthene-d10	18.752	212	10051	0.392	ng	0.00
31) Terphenyl-d14	19.379	244	7353	0.537	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	98	0.032	ng	# 64
9) Naphthalene	10.052	128	451	0.024	ng	# 49
16) Acenaphthylene	13.636	152	407	0.021	ng	# 89
17) Acenaphthene	13.989	154	278	0.022	ng	94
26) Anthracene	16.835	178	519	0.023	ng	# 88
28) Fluoranthene	18.780	202	792	0.024	ng	# 98
30) Pyrene	19.152	202	780	0.030	ng	99
33) Chrysene	20.983	228	620	0.025	ng	# 78
34) Bis(2-ethylhexyl)phtha...	20.893	149	598	0.062	ng	# 95
37) Benzo(b)fluoranthene	22.427	252	629	0.025	ng	# 1

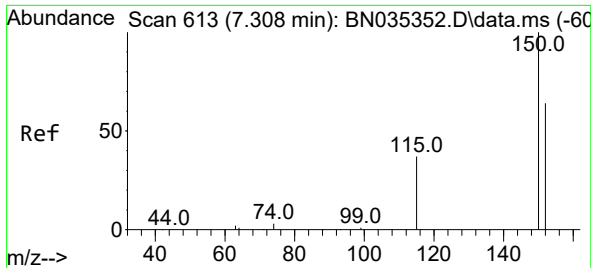
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035825.D
Acq On : 24 Dec 2024 17:18
Operator : RC/JU
Sample : P5376-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20241218

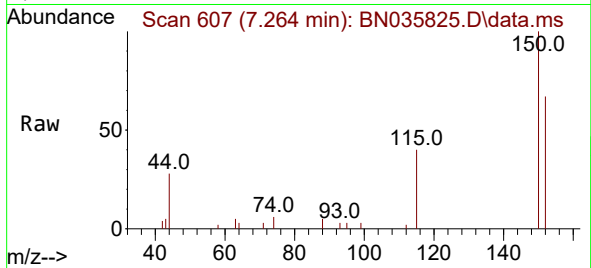
Quant Time: Dec 24 23:20:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



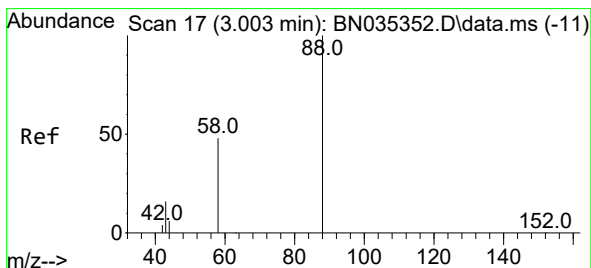
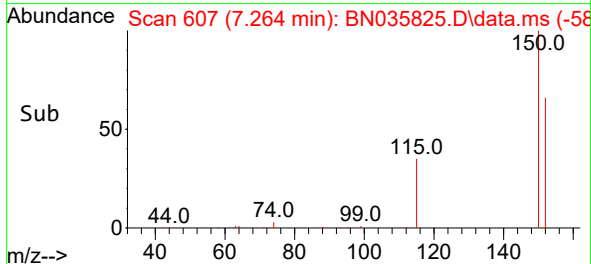
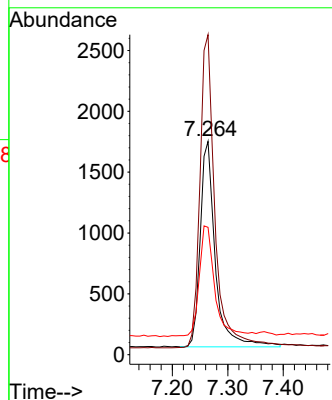


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20241218

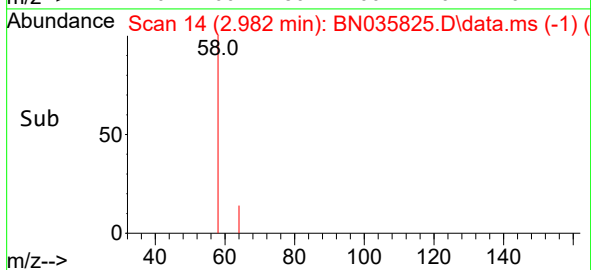
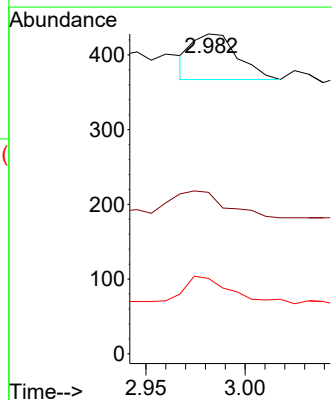
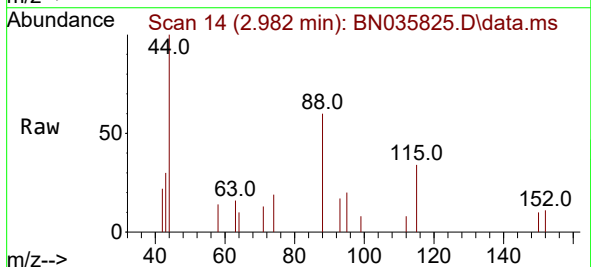


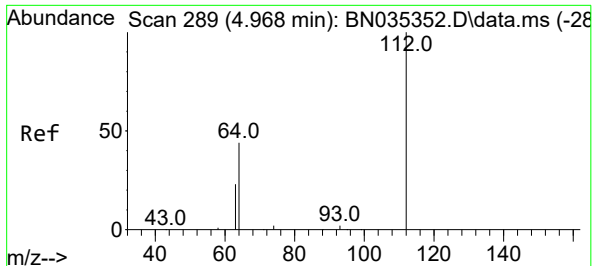
Tgt Ion:152 Resp: 3186
Ion Ratio Lower Upper
152 100
150 150.0 124.0 186.0
115 59.7 49.6 74.4



#2
1,4-Dioxane
Concen: 0.032 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

Tgt Ion: 88 Resp: 98
Ion Ratio Lower Upper
88 100
43 70.4 17.2 25.8#
58 63.3 44.5 66.7

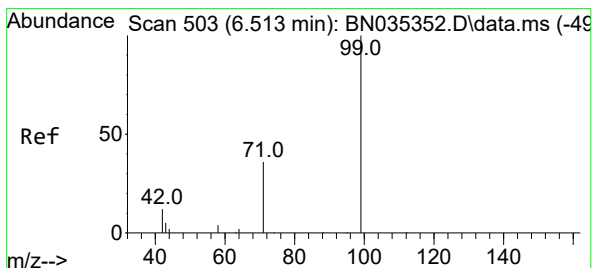
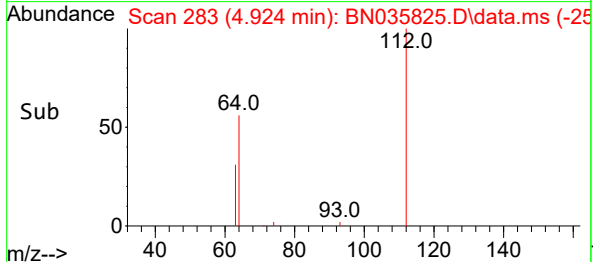
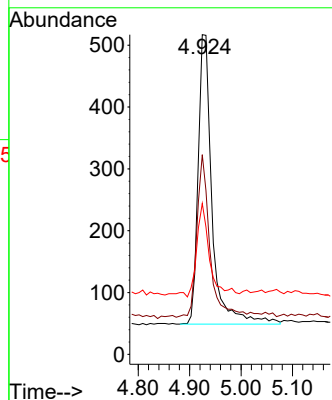
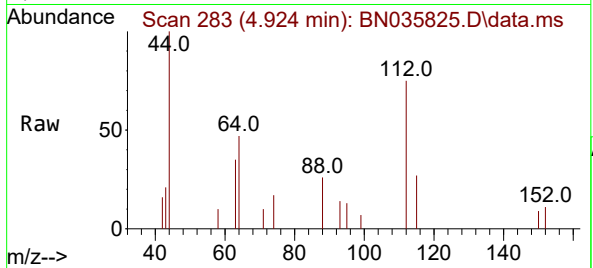




#4
2-Fluorophenol
Concen: 0.110 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

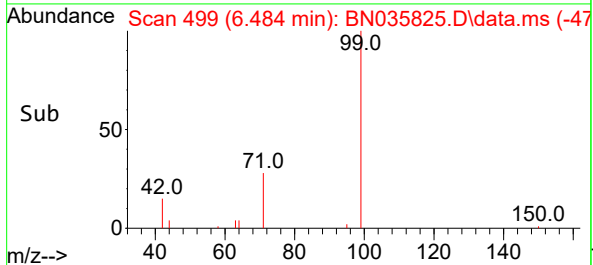
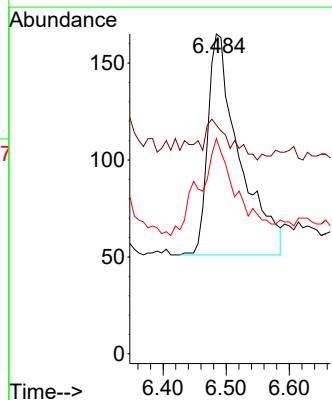
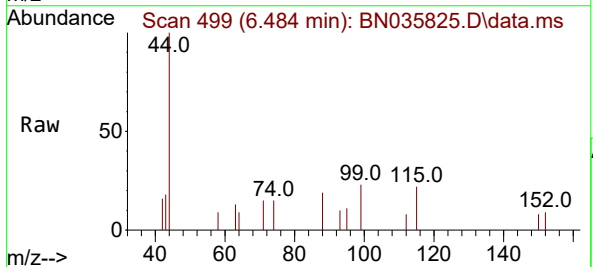
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20241218

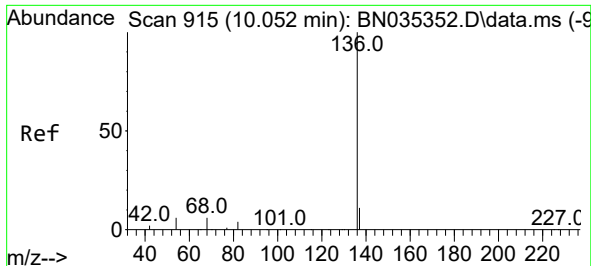
Tgt Ion:	112	Resp:	881
Ion	Ratio	Lower	Upper
112	100		
64	52.0	39.8	59.8
63	28.1	21.0	31.6



#5
Phenol-d6
Concen: 0.041 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

Tgt Ion:	99	Resp:	395
Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.4	17.2
71	31.4	29.3	43.9

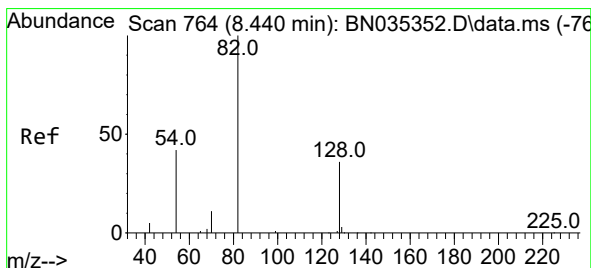
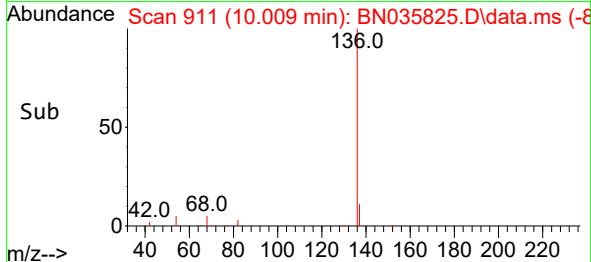
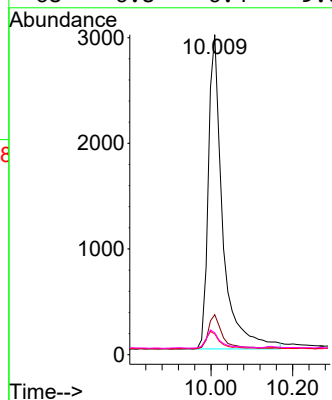
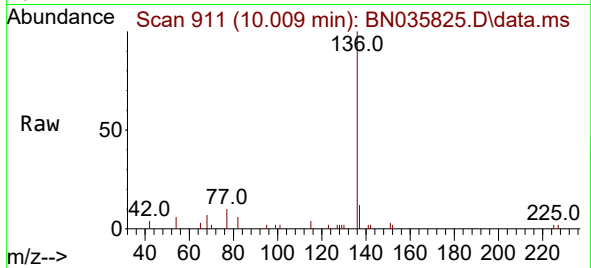




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

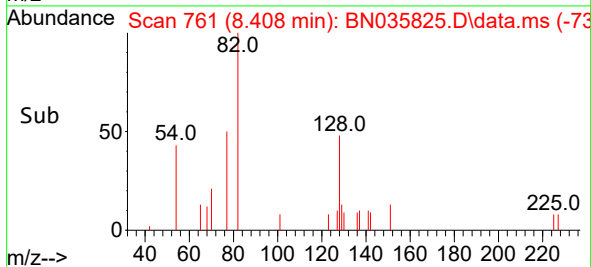
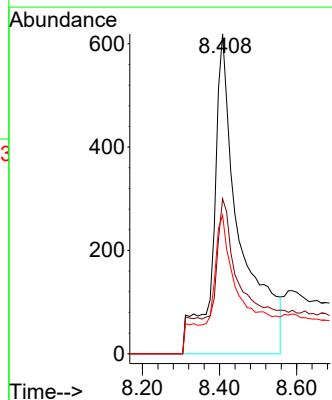
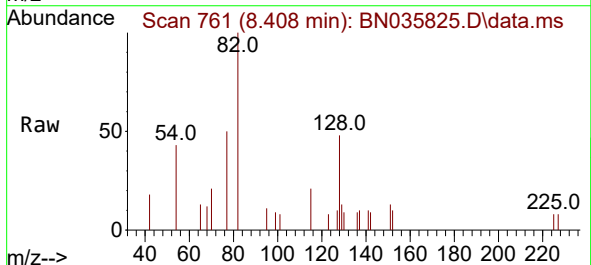
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20241218

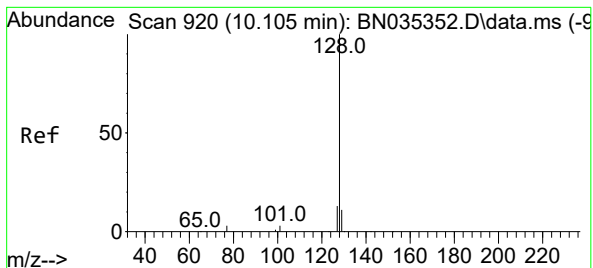
Tgt Ion:	136	Resp:	7275
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.2	15.2
54	6.5	6.1	9.1
68	6.8	6.4	9.6



#8
Nitrobenzene-d5
Concen: 0.655 ng
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

Tgt Ion:	82	Resp:	2909
Ion	Ratio	Lower	Upper
82	100		
128	48.5	33.4	50.0
54	43.3	36.7	55.1





#9

Naphthalene

Concen: 0.024 ng

RT: 10.052 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN035825.D

Acq: 24 Dec 2024 17:18

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01-20241218

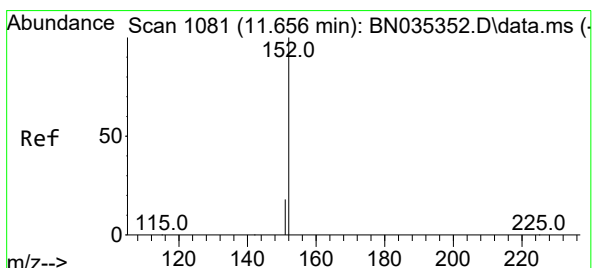
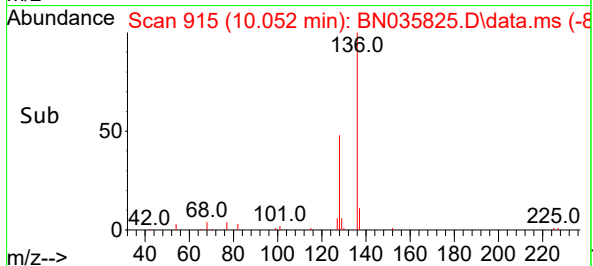
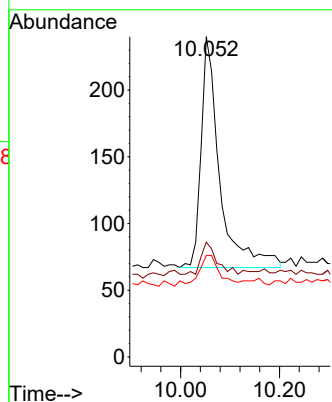
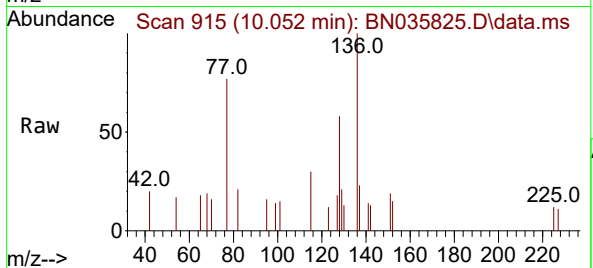
Tgt Ion:128 Resp: 451

Ion Ratio Lower Upper

128 100

129 35.8 9.8 14.6#

127 31.7 11.4 17.2#



#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 11.610 min Scan# 1072

Delta R.T. -0.010 min

Lab File: BN035825.D

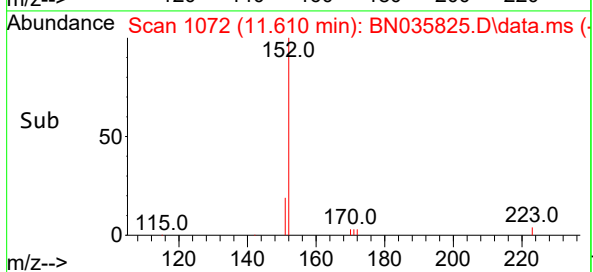
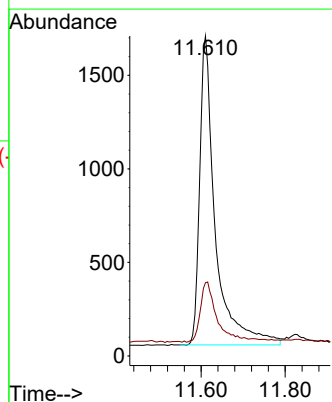
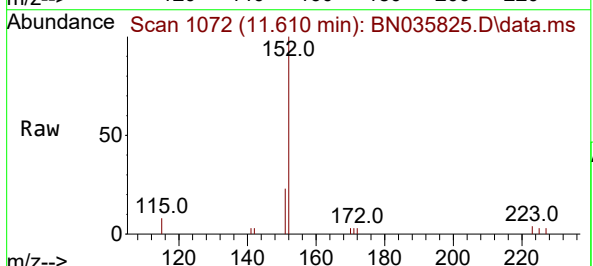
Acq: 24 Dec 2024 17:18

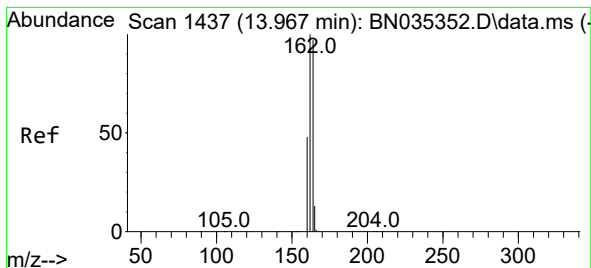
Tgt Ion:152 Resp: 4263

Ion Ratio Lower Upper

152 100

151 20.4 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.924 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN035825.D

Acq: 24 Dec 2024 17:18

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01I-20241218

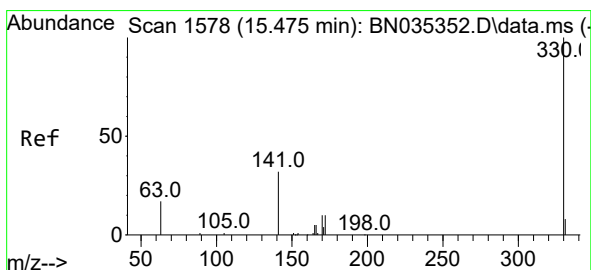
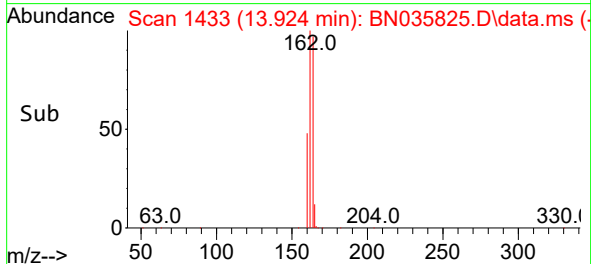
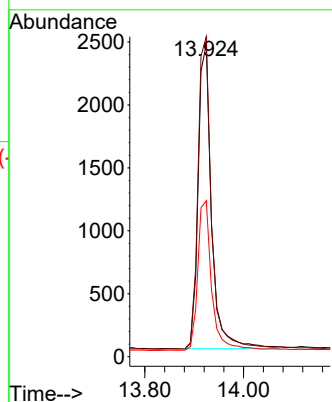
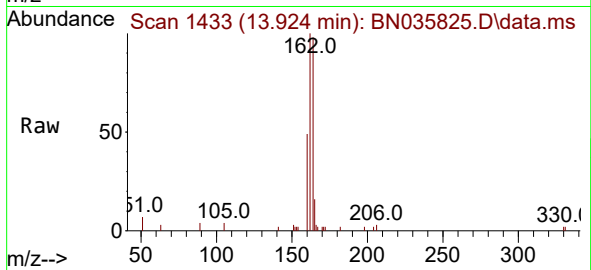
Tgt Ion:164 Resp: 4568

Ion Ratio Lower Upper

164 100

162 102.3 82.2 123.2

160 49.9 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.193 ng

RT: 15.443 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN035825.D

Acq: 24 Dec 2024 17:18

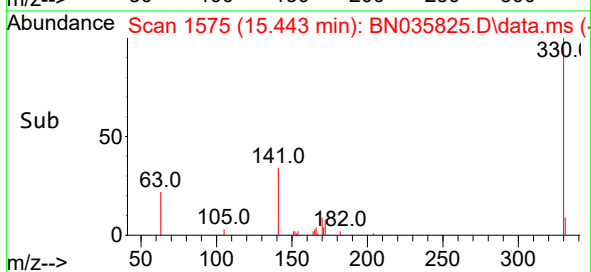
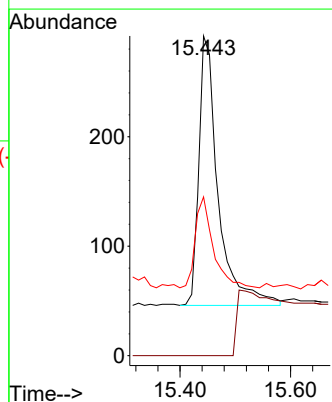
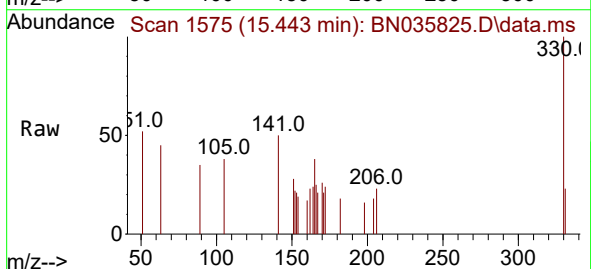
Tgt Ion:330 Resp: 626

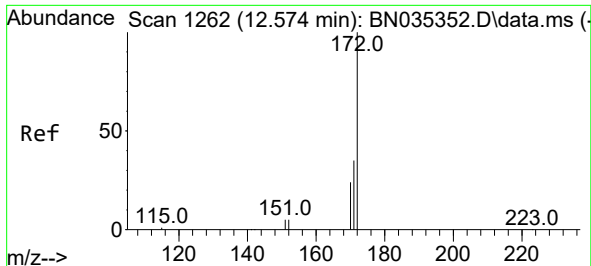
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.7 26.6 40.0

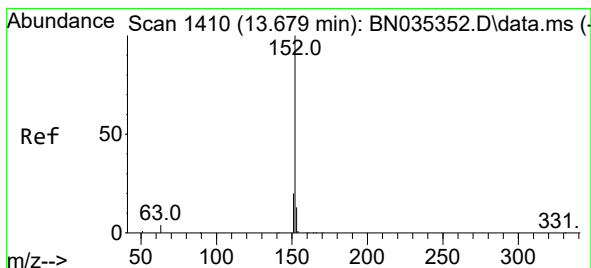
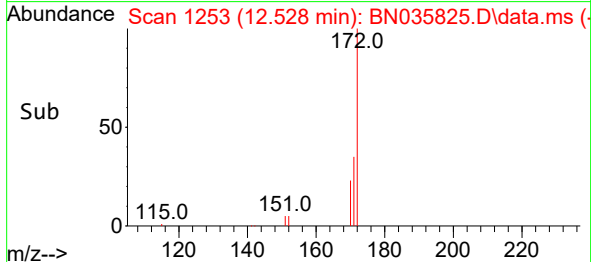
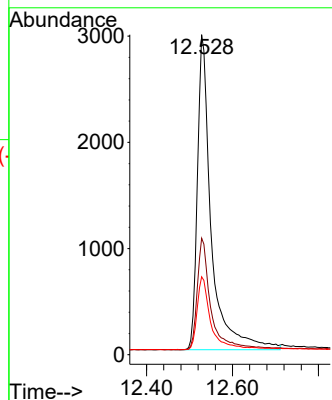
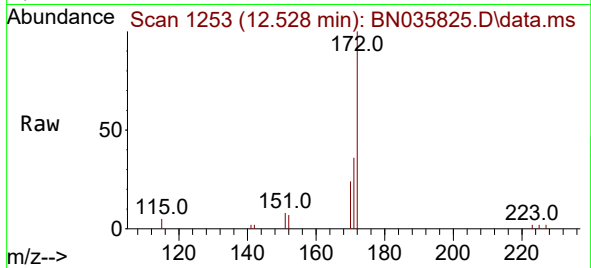




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.528 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

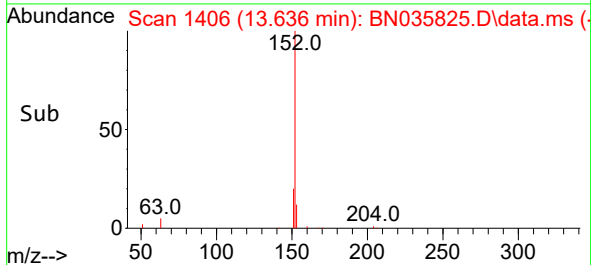
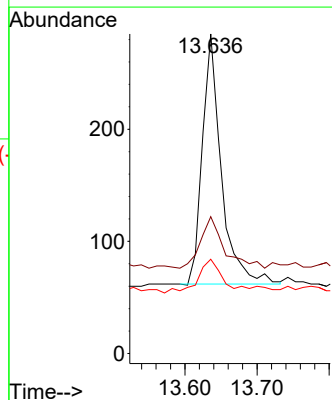
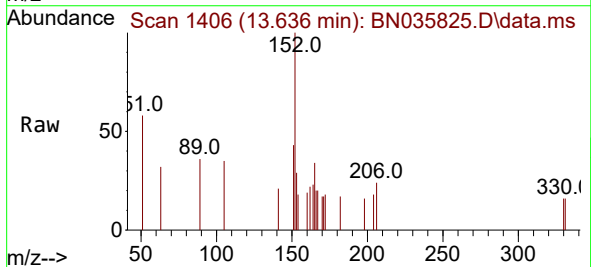
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20241218

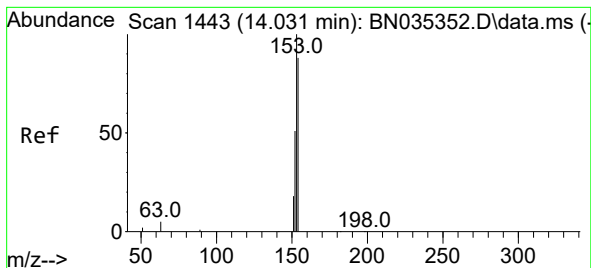
Tgt Ion:172	Resp:	6668
Ion	Ratio	Lower Upper
172	100	
171	36.4	29.0 43.4
170	24.4	19.8 29.8



#16
Acenaphthylene
Concen: 0.021 ng
RT: 13.636 min Scan# 1406
Delta R.T. -0.011 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

Tgt Ion:152	Resp:	407
Ion	Ratio	Lower Upper
152	100	
151	25.3	16.2 24.2#
153	17.7	10.4 15.6#





#17

Acenaphthene

Concen: 0.022 ng

RT: 13.989 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN035825.D

Acq: 24 Dec 2024 17:18

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01-20241218

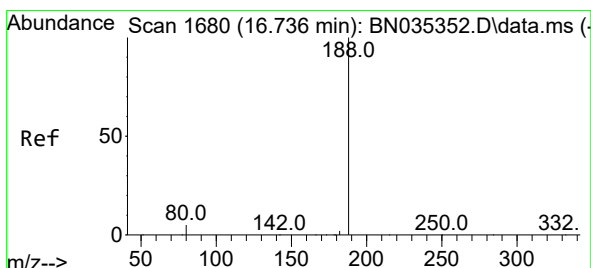
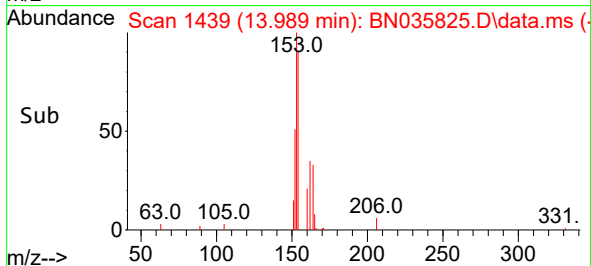
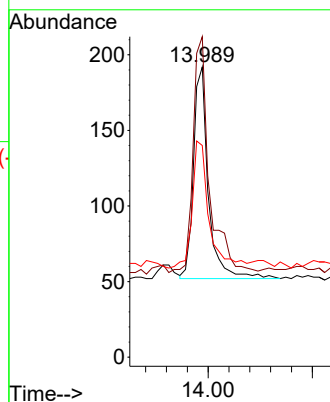
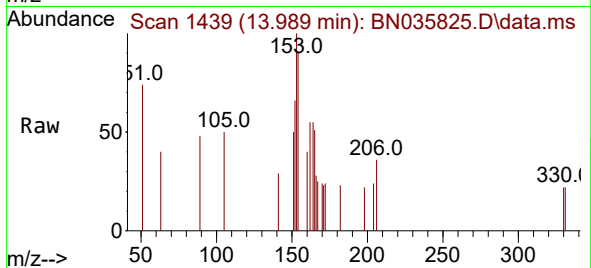
Tgt Ion:154 Resp: 278

Ion Ratio Lower Upper

154 100

153 121.9 92.6 139.0

152 67.3 49.0 73.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BN035825.D

Acq: 24 Dec 2024 17:18

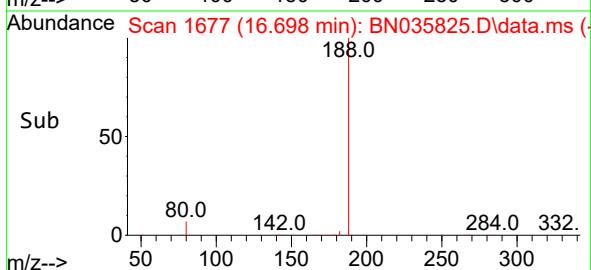
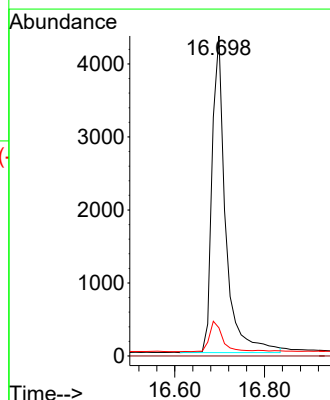
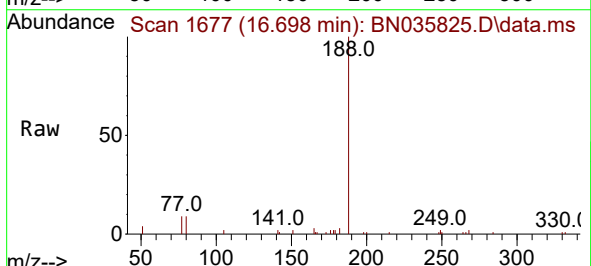
Tgt Ion:188 Resp: 9048

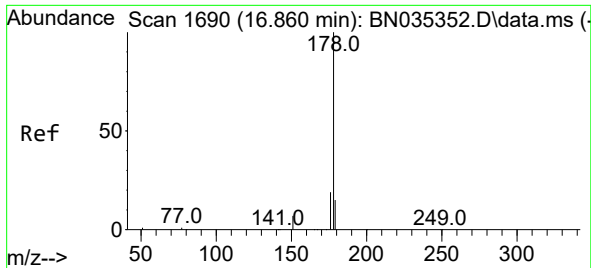
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 4.6 6.8#

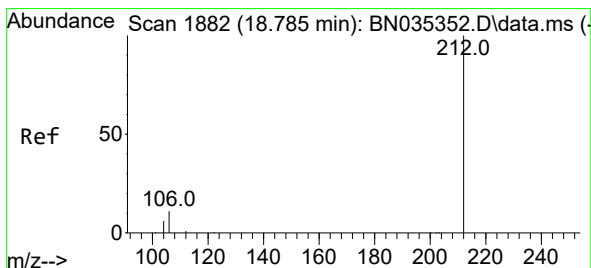
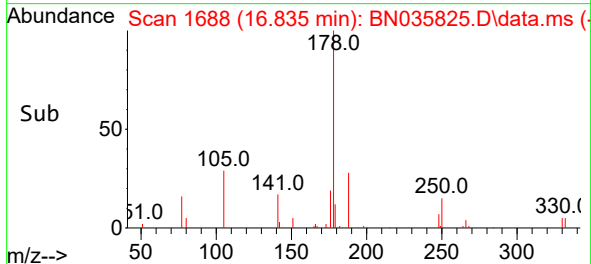
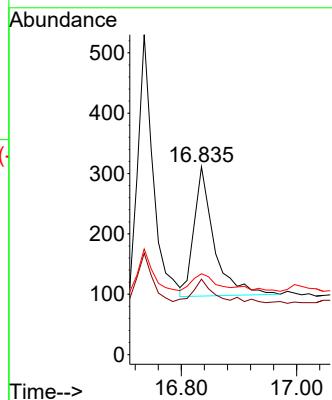
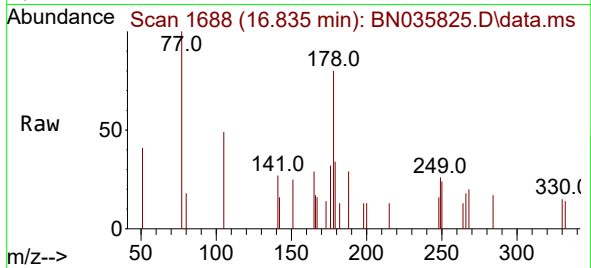




#26
 Anthracene
 Concen: 0.023 ng
 RT: 16.835 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: BN035825.D
 Acq: 24 Dec 2024 17:18

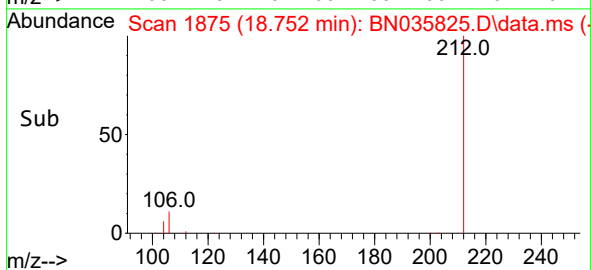
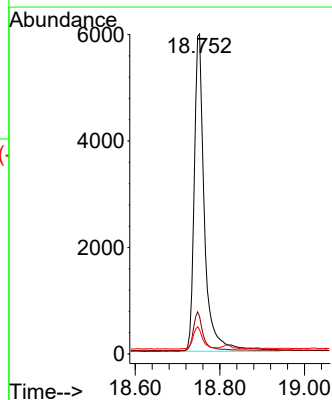
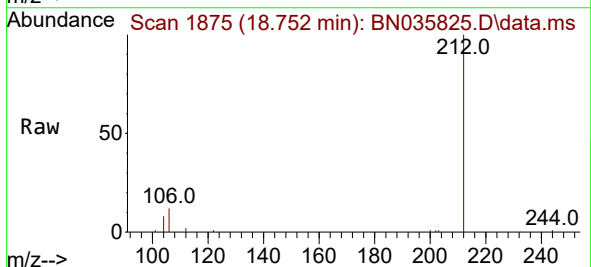
Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01-20241218

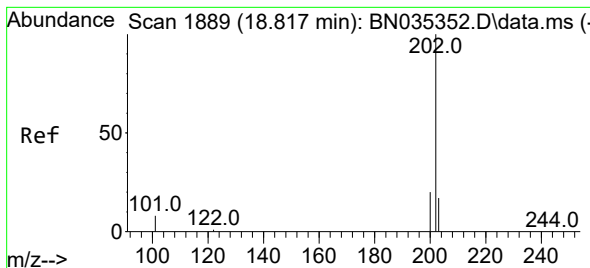
Tgt Ion:178 Resp: 519
 Ion Ratio Lower Upper
 178 100
 176 15.4 15.0 22.6
 179 23.1 12.6 18.8#



#27
 Fluoranthene-d10
 Concen: 0.392 ng
 RT: 18.752 min Scan# 1875
 Delta R.T. -0.009 min
 Lab File: BN035825.D
 Acq: 24 Dec 2024 17:18

Tgt Ion:212 Resp: 10051
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.2 13.8
 104 6.5 5.3 7.9





#28

Fluoranthene

Concen: 0.024 ng

RT: 18.780 min Scan# 1881

Delta R.T. -0.009 min

Lab File: BN035825.D

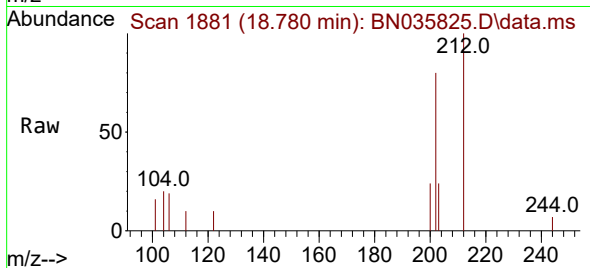
Acq: 24 Dec 2024 17:18

Instrument :

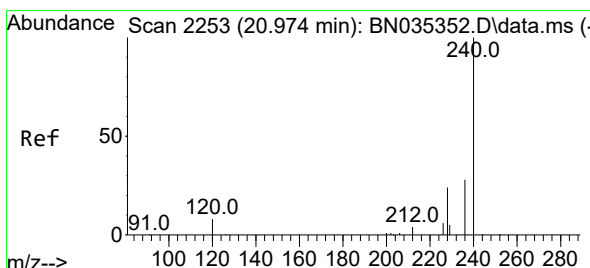
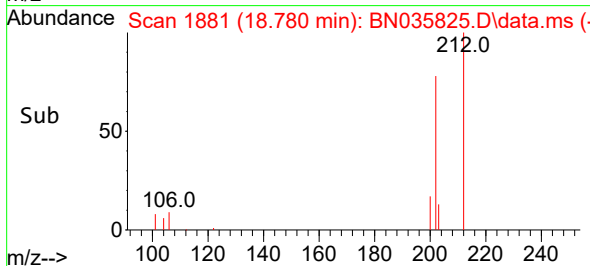
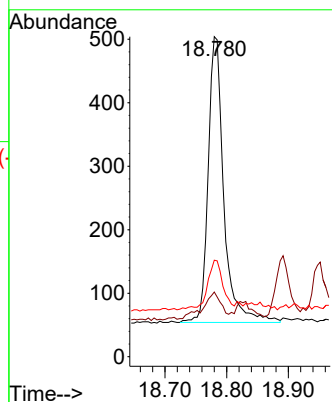
BNA_N

ClientSampleId :

RW10A-MW01-20241218



Tgt Ion:	202	Resp:	792
Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.4	11.0#
203	17.2	13.7	20.5



#29

Chrysene-d12

Concen: 0.400 ng

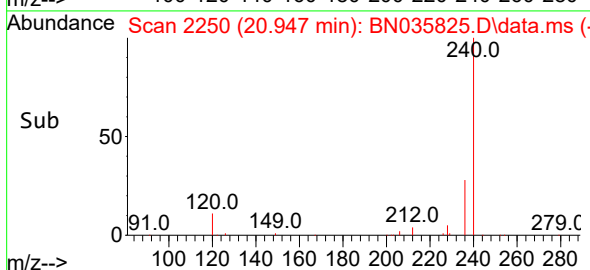
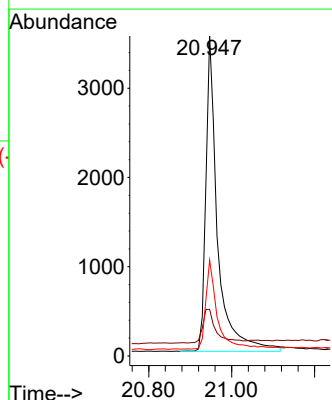
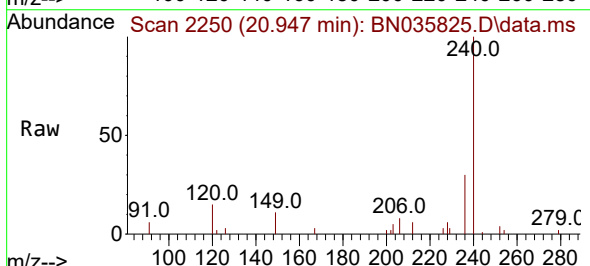
RT: 20.947 min Scan# 2250

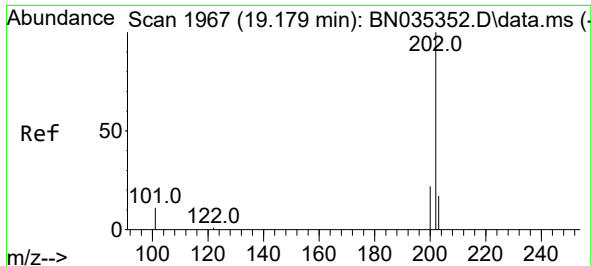
Delta R.T. -0.009 min

Lab File: BN035825.D

Acq: 24 Dec 2024 17:18

Tgt Ion:	240	Resp:	6943
Ion	Ratio	Lower	Upper
240	100		
120	14.5	7.9	11.9#
236	29.9	22.9	34.3

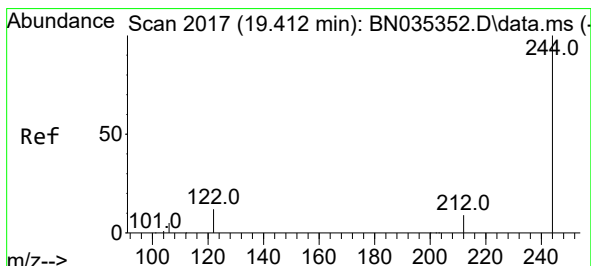
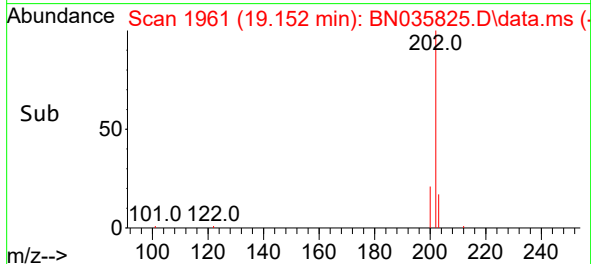
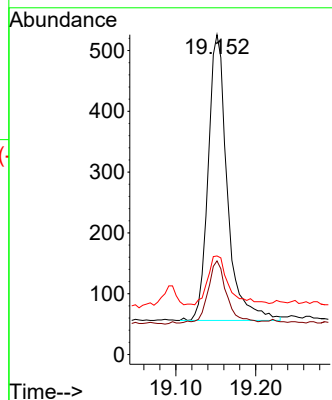
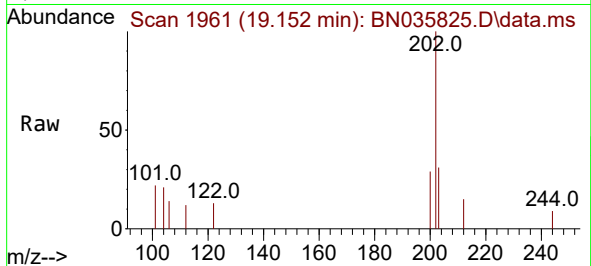




#30
Pyrene
Concen: 0.030 ng
RT: 19.152 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

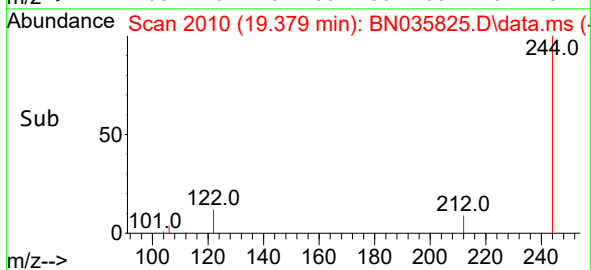
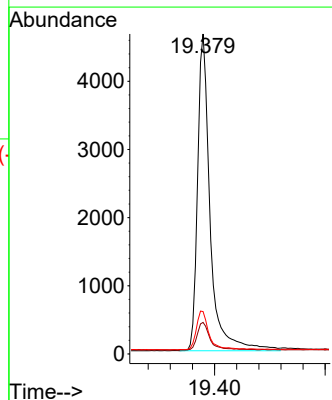
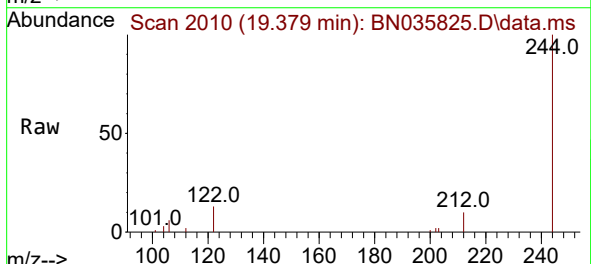
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20241218

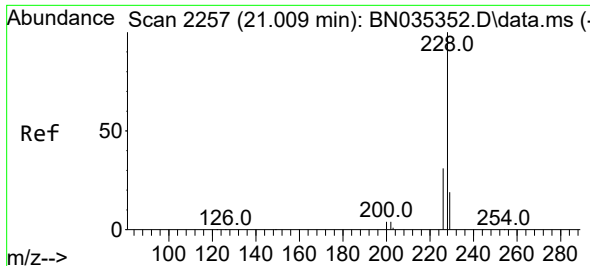
Tgt Ion:	202	Resp:	780
Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	18.5	14.3	21.5



#31
Terphenyl-d14
Concen: 0.537 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

Tgt Ion:	244	Resp:	7353
Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.1	12.1
122	13.3	10.3	15.5





#33

Chrysene

Concen: 0.025 ng

RT: 20.983 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035825.D

Acq: 24 Dec 2024 17:18

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01-20241218

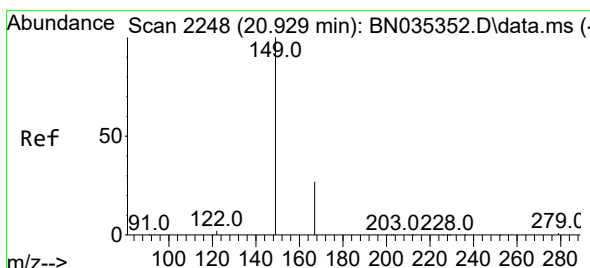
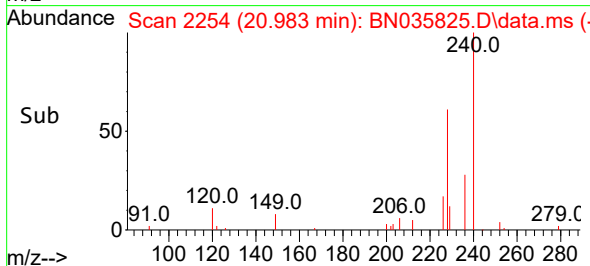
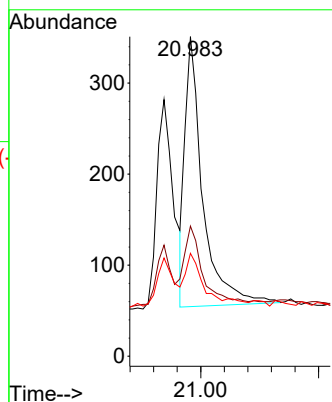
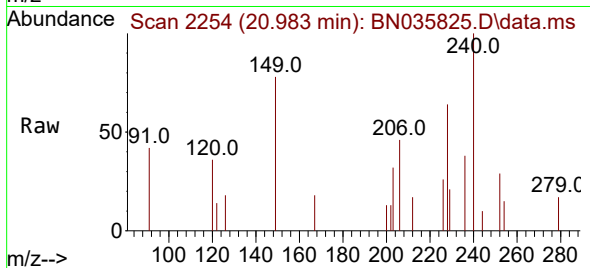
Tgt Ion:228 Resp: 620

Ion Ratio Lower Upper

228 100

226 40.7 24.6 37.0#

229 32.2 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.062 ng

RT: 20.893 min Scan# 2244

Delta R.T. -0.018 min

Lab File: BN035825.D

Acq: 24 Dec 2024 17:18

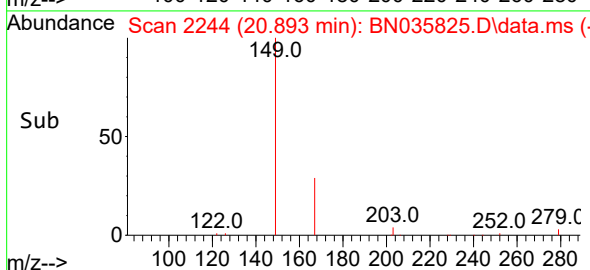
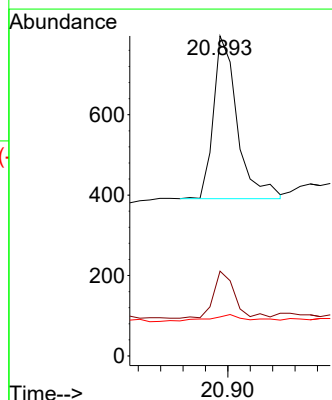
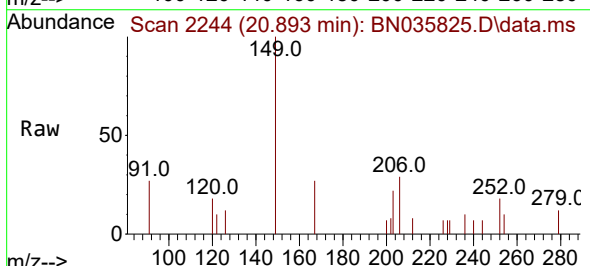
Tgt Ion:149 Resp: 598

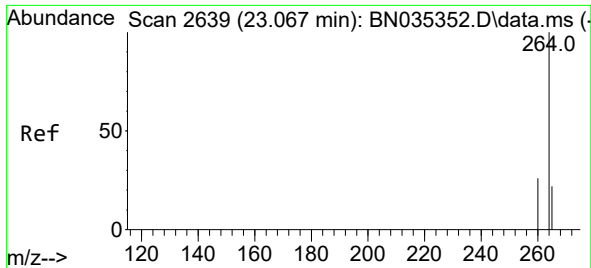
Ion Ratio Lower Upper

149 100

167 25.4 22.2 33.4

279 5.5 2.7 4.1#

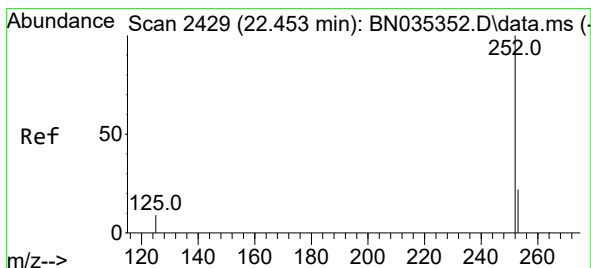
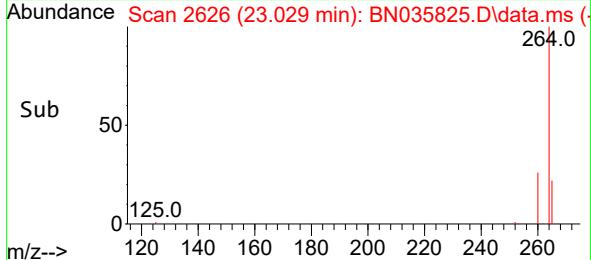
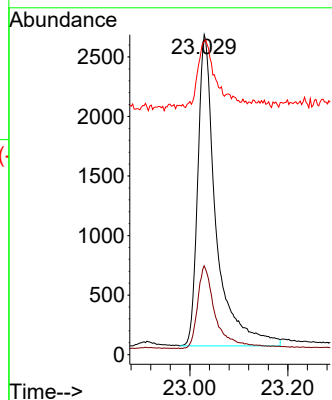
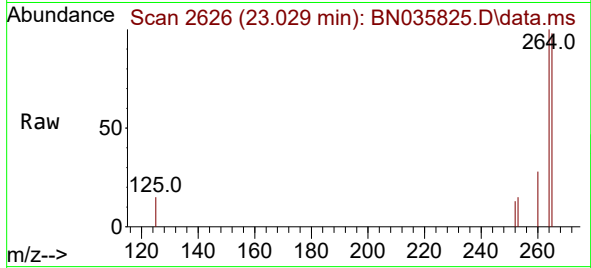




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.029 min Scan# 2626
Delta R.T. -0.012 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20241218

Tgt Ion:264 Resp: 6791
Ion Ratio Lower Upper
264 100
260 27.8 21.4 32.2
265 97.8 40.2 60.4#



#37
Benzo(b)fluoranthene
Concen: 0.025 ng
RT: 22.427 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

Tgt Ion:252 Resp: 629
Ion Ratio Lower Upper
252 100
253 84.9 19.6 29.4#
125 76.0 9.6 14.4#

