

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035806.D
 Acq On : 24 Dec 2024 05:23
 Operator : RC/JU
 Sample : P5317-07
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20241216

Quant Time: Dec 24 05:58:59 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)

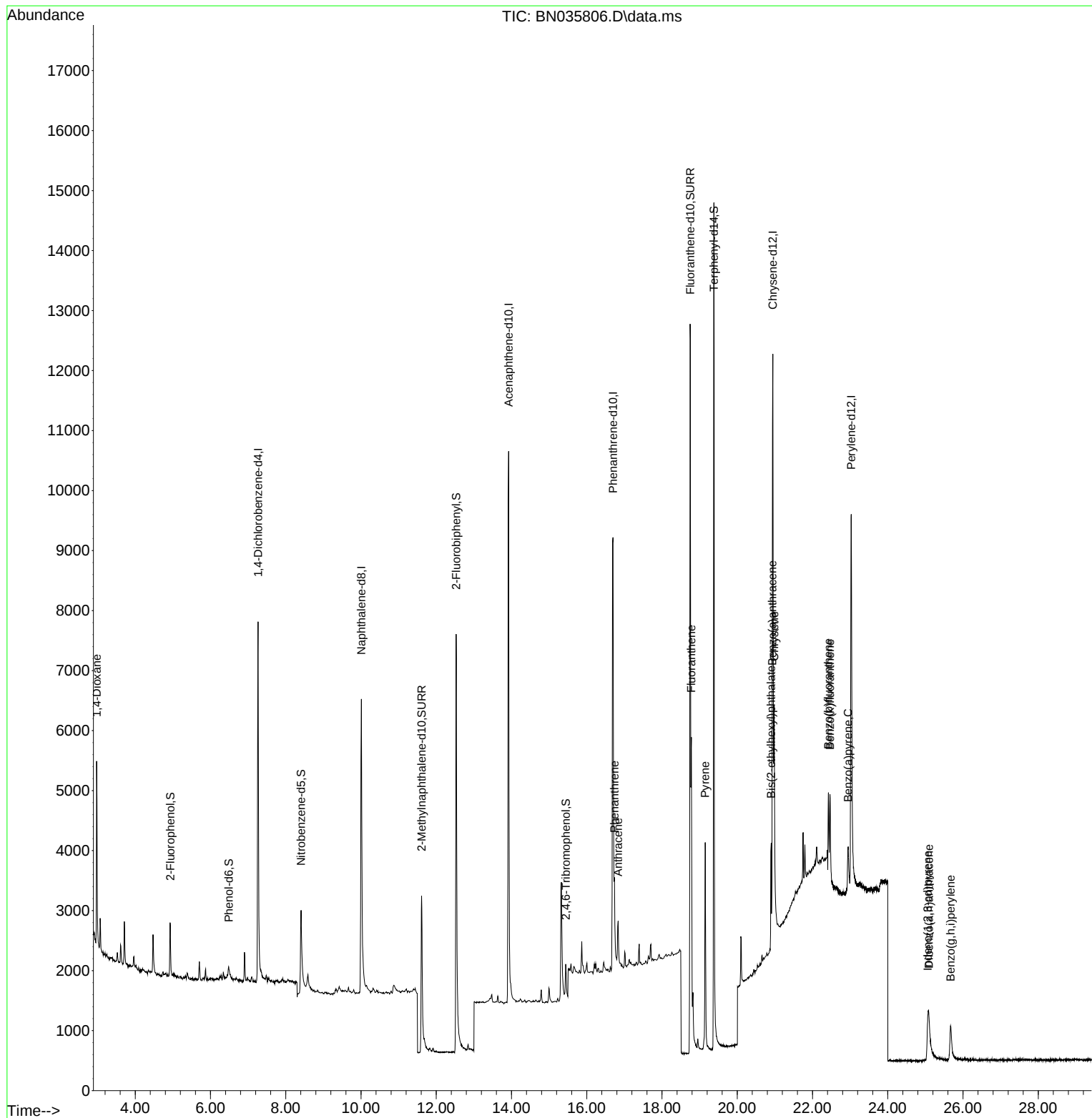
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3576	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8965	0.400	ng	#-0.01
13) Acenaphthene-d10	13.925	164	6221	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	13726	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	11081	0.400	ng	0.00
35) Perylene-d12	23.029	264	9977	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	816	0.091	ng	0.00
5) Phenol-d6	6.484	99	437	0.041	ng	0.00
8) Nitrobenzene-d5	8.408	82	2390	0.436	ng	0.00
11) 2-Methylnaphthalene-d10	11.611	152	5331	0.380	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	657	0.149	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	8645	0.368	ng	-0.02
27) Fluoranthene-d10	18.752	212	16043	0.412	ng	0.00
31) Terphenyl-d14	19.379	244	15895	0.727	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.974	88	2271	0.664	ng	99
25) Phenanthrene	16.736	178	1310	0.035	ng	98
26) Anthracene	16.835	178	686	0.020	ng	98
28) Fluoranthene	18.780	202	4828	0.095	ng	99
30) Pyrene	19.147	202	3511	0.086	ng	99
32) Benzo(a)anthracene	20.929	228	2220	0.057	ng	93
33) Chrysene	20.983	228	3647	0.091	ng	97
34) Bis(2-ethylhexyl)phtha...	20.902	149	1926	0.126	ng	97
36) Indeno(1,2,3-cd)pyrene	25.064	276	1824	0.047	ng	# 68
37) Benzo(b)fluoranthene	22.421	252	3115	0.085	ng	# 61
38) Benzo(k)fluoranthene	22.465	252	2679	0.075	ng	# 56
39) Benzo(a)pyrene	22.945	252	1520	0.051	ng	# 23
40) Dibenzo(a,h)anthracene	25.091	278	1232	0.040	ng	# 28
41) Benzo(g,h,i)perylene	25.670	276	1419	0.044	ng	# 75

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

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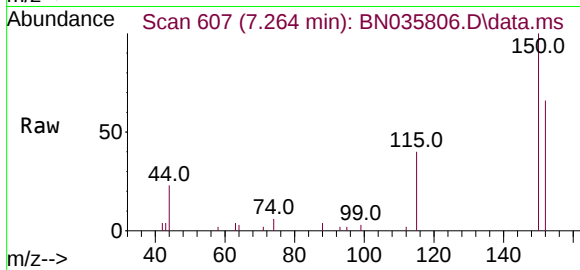
Quant Time: Dec 24 05:58:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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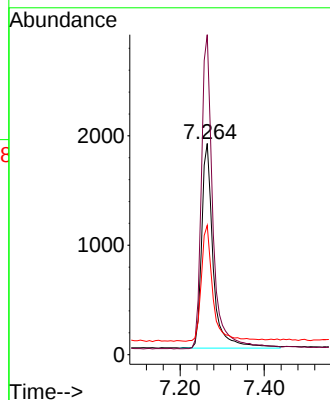
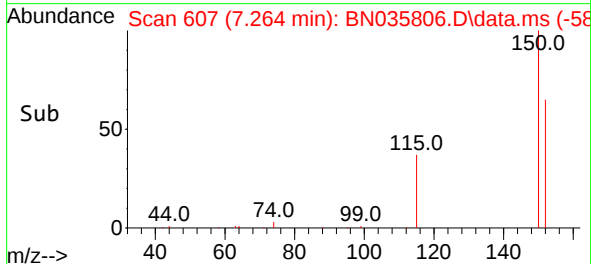


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.264 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN035806.D
 Acq: 24 Dec 2024 05:23

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20241216

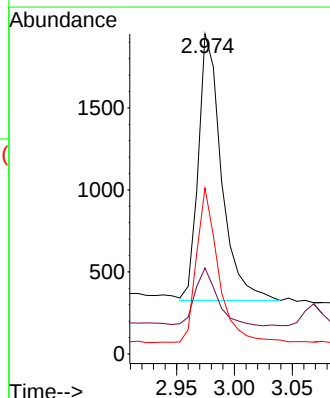
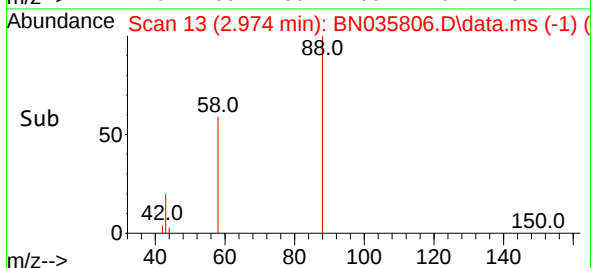
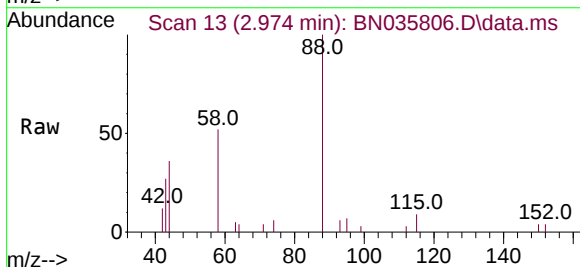


Tgt Ion:152 Resp: 3576
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.0 186.0
 115 61.2 49.6 74.4



#2
 1,4-Dioxane
 Concen: 0.664 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.007 min
 Lab File: BN035806.D
 Acq: 24 Dec 2024 05:23

Tgt Ion: 88 Resp: 2271
 Ion Ratio Lower Upper
 88 100
 43 20.9 17.2 25.8
 58 54.5 44.5 66.7

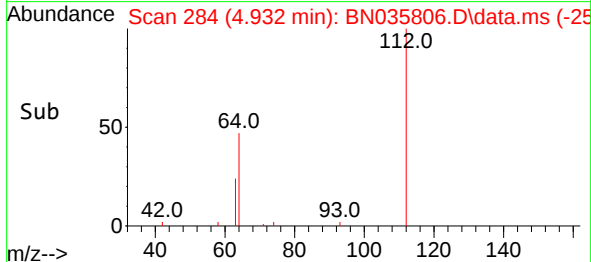
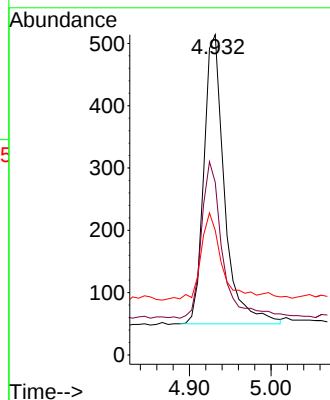
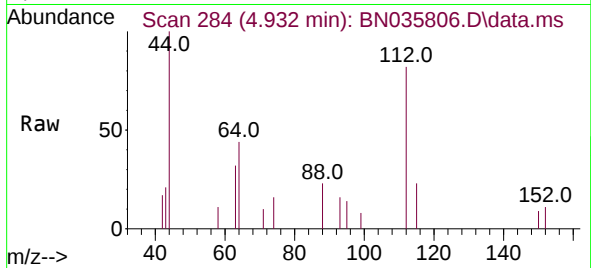




#4
2-Fluorophenol
Concen: 0.091 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

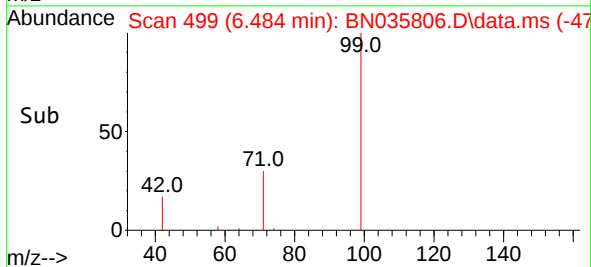
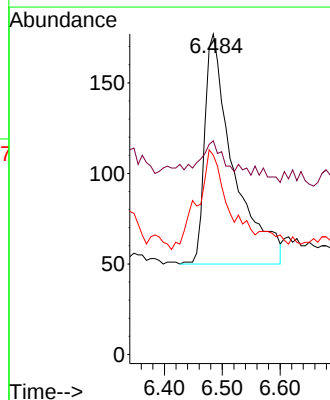
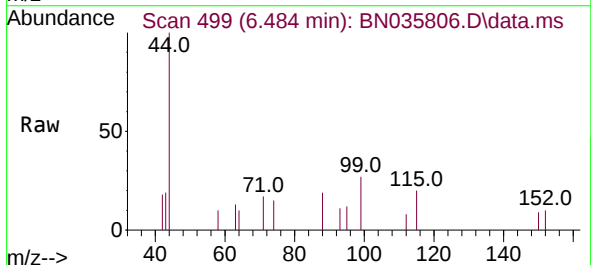
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

Tgt Ion:112 Resp: 816
Ion Ratio Lower Upper
112 100
64 56.0 39.8 59.8
63 32.5 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: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion: 99 Resp: 437
Ion Ratio Lower Upper
99 100
42 8.9 11.4 17.2#
71 46.5 29.3 43.9#

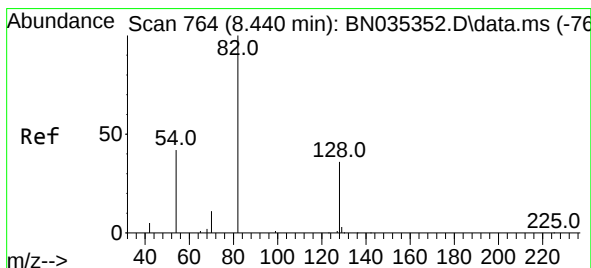
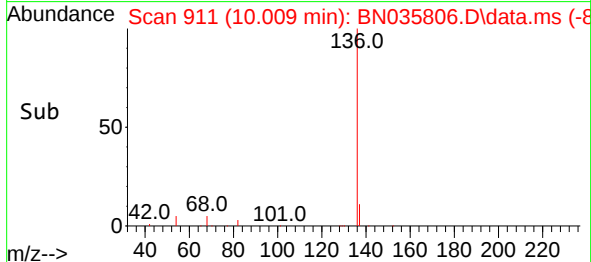
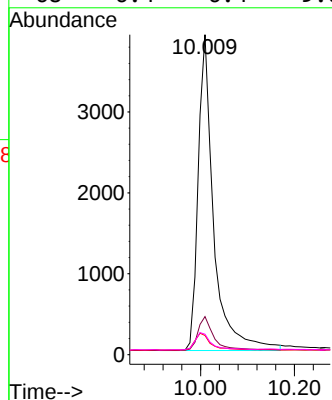
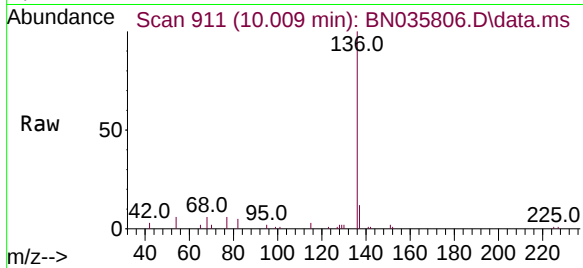




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

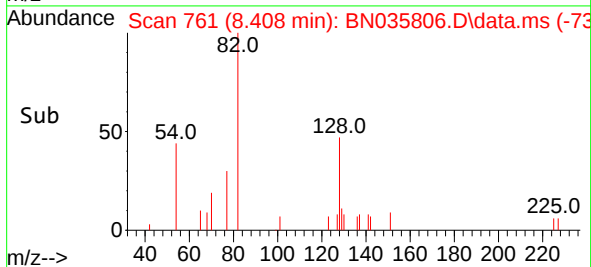
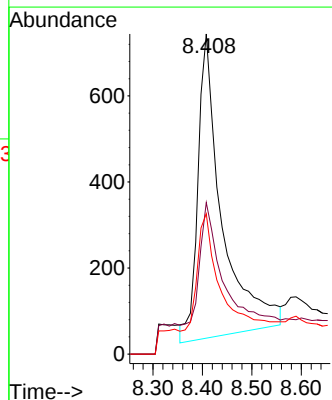
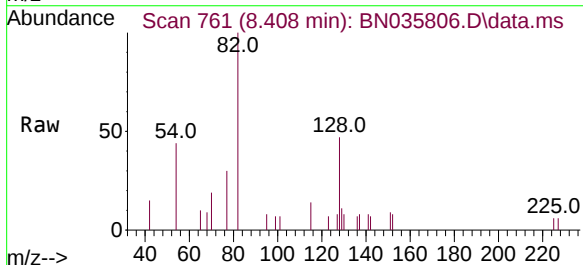
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

Tgt Ion:	136	Resp:	8965
Ion Ratio	Lower	Upper	
136	100		
137	11.9	10.2	15.2
54	6.0	6.1	9.1#
68	6.4	6.4	9.6#



#8
Nitrobenzene-d5
Concen: 0.436 ng
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:	82	Resp:	2390
Ion Ratio	Lower	Upper	
82	100		
128	47.3	33.4	50.0
54	43.8	36.7	55.1

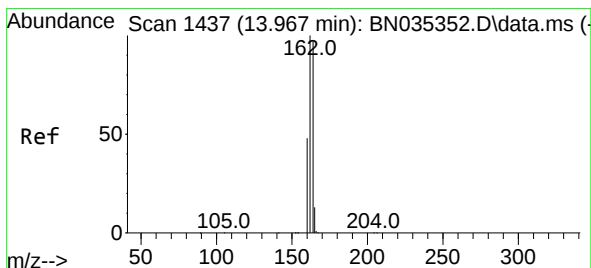
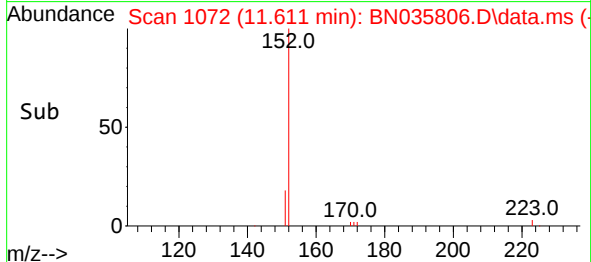
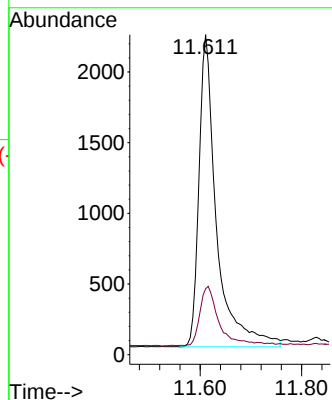
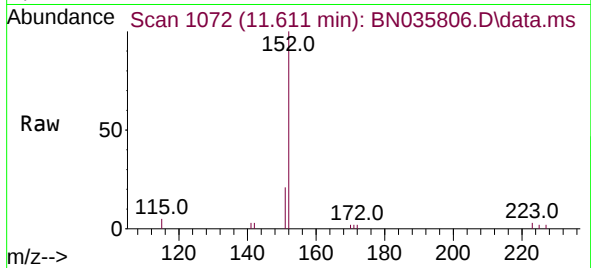




#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.611 min Scan# 1081
Delta R.T. -0.010 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

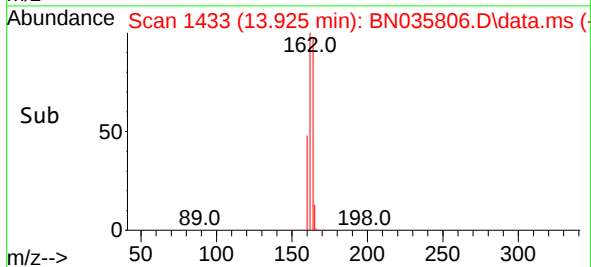
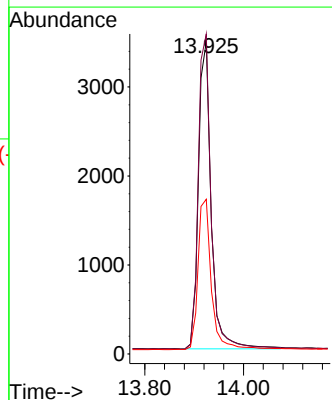
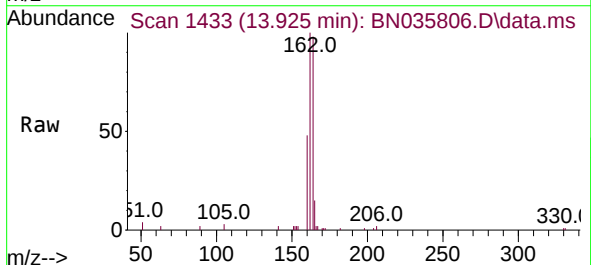
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

Tgt Ion:152 Resp: 5331
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:164 Resp: 6221
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.2
160 49.5 40.1 60.1

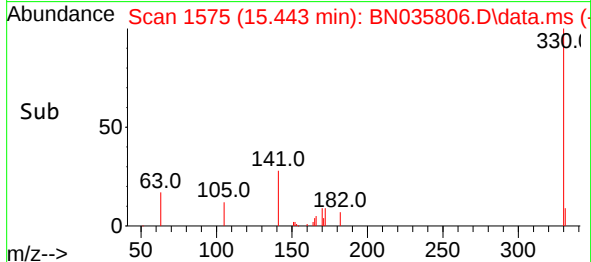
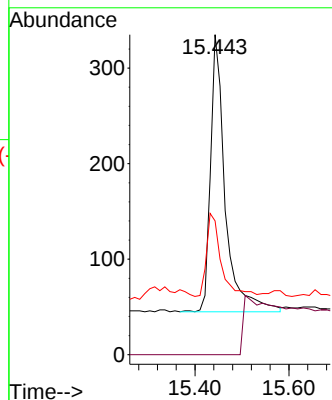
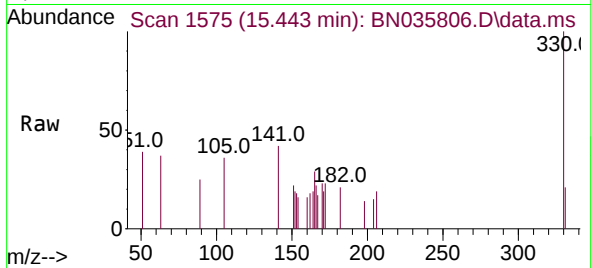




#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

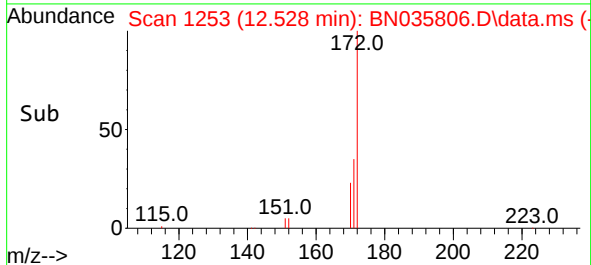
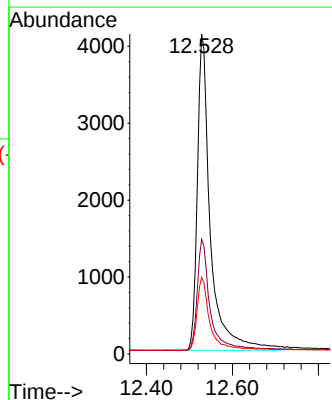
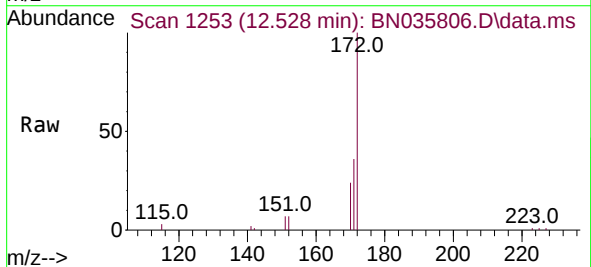
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

Tgt Ion:330 Resp: 657
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.5 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.528 min Scan# 1253
Delta R.T. -0.015 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:172 Resp: 8645
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.0 19.8 29.8

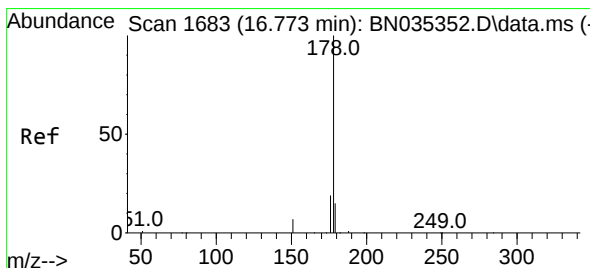
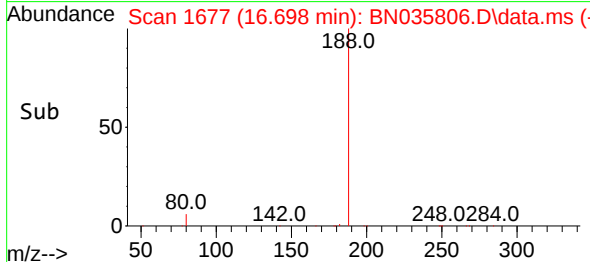
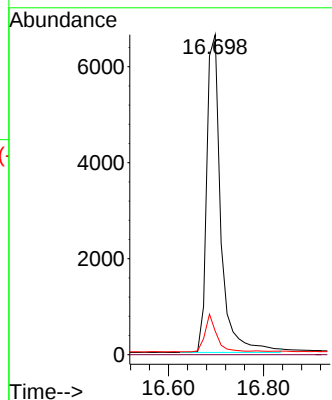
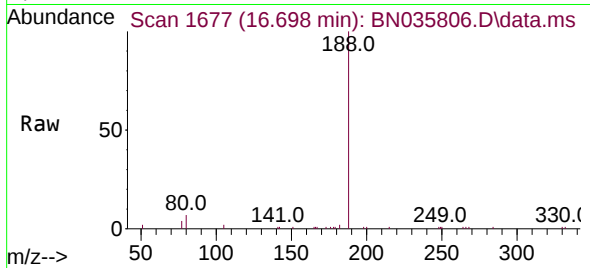




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

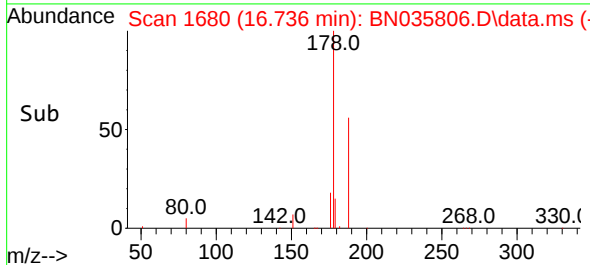
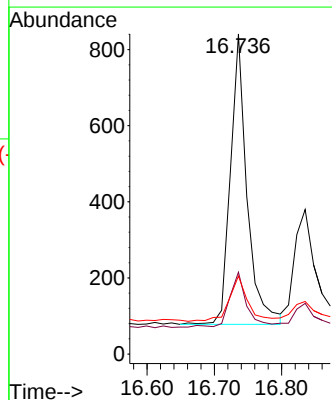
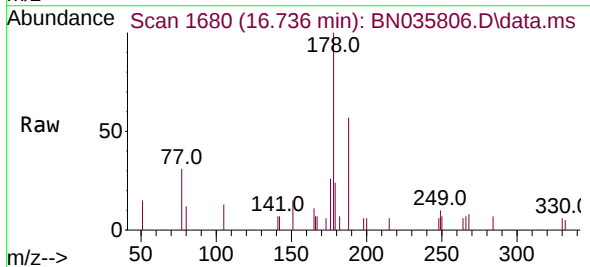
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

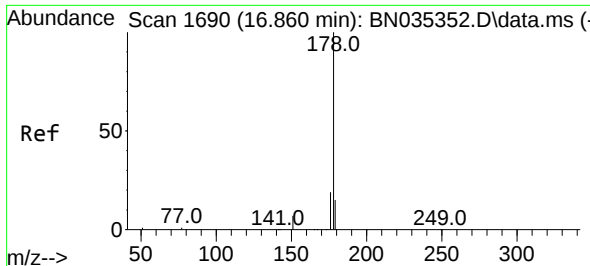
Tgt Ion:188 Resp: 13726
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 4.6 6.8#



#25
Phenanthrene
Concen: 0.035 ng
RT: 16.736 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:178 Resp: 1310
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 17.3 12.3 18.5

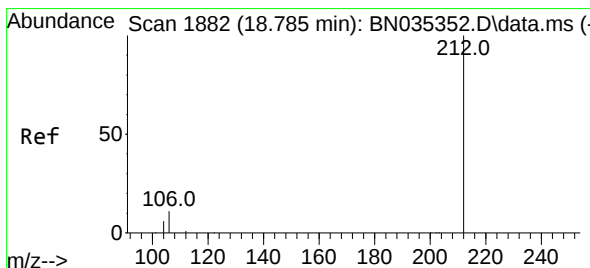
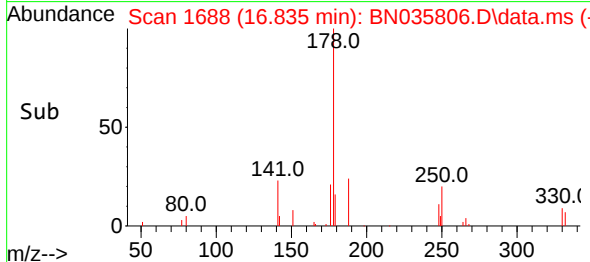
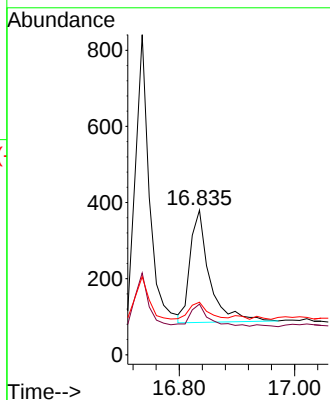
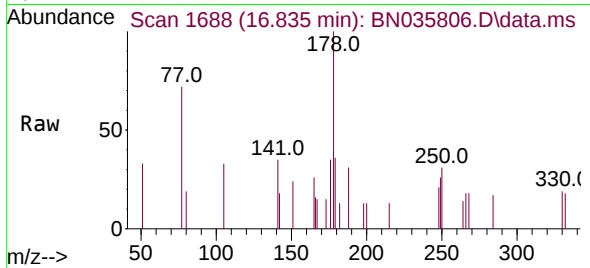




#26
 Anthracene
 Concen: 0.020 ng
 RT: 16.835 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: BN035806.D
 Acq: 24 Dec 2024 05:23

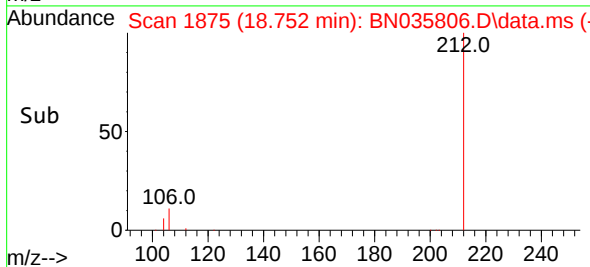
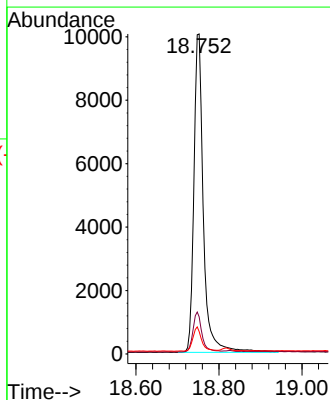
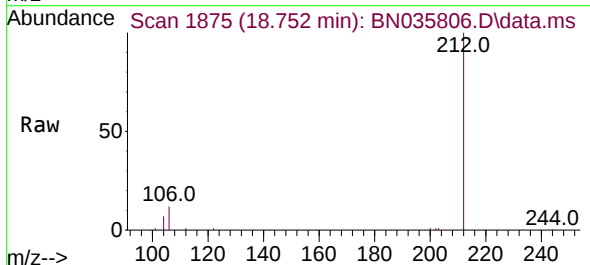
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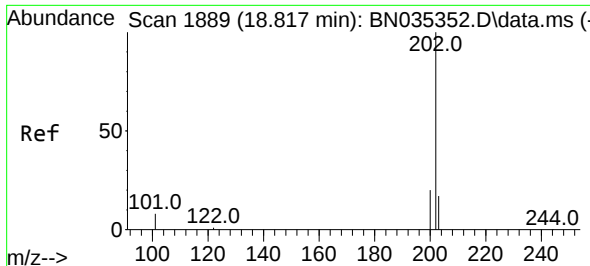
Tgt Ion:178 Resp: 686
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.0 22.6
 179 14.7 12.6 18.8



#27
 Fluoranthene-d10
 Concen: 0.412 ng
 RT: 18.752 min Scan# 1875
 Delta R.T. -0.009 min
 Lab File: BN035806.D
 Acq: 24 Dec 2024 05:23

Tgt Ion:212 Resp: 16043
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.2 13.8
 104 7.0 5.3 7.9

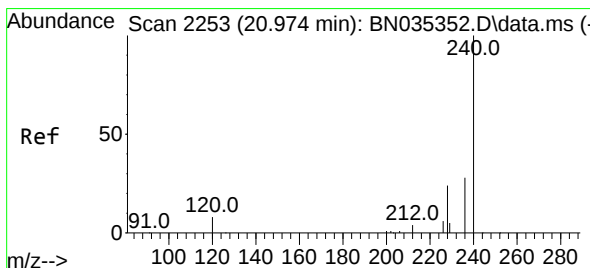
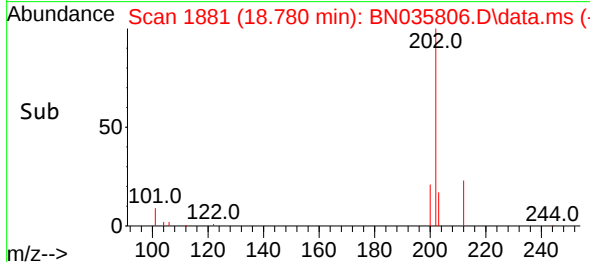
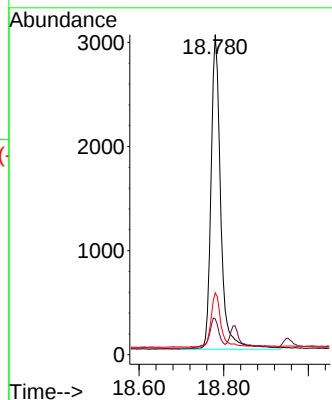
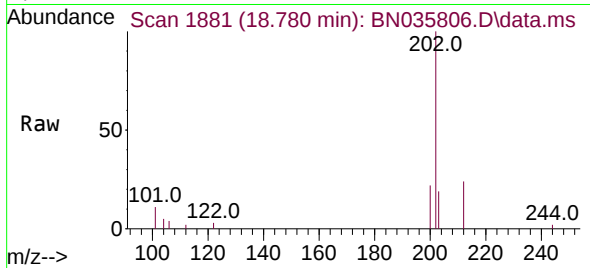




#28
Fluoranthene
Concen: 0.095 ng
RT: 18.780 min Scan# 1889
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

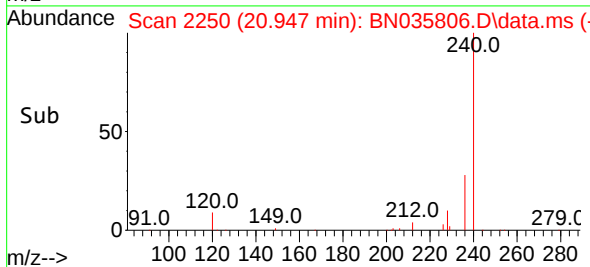
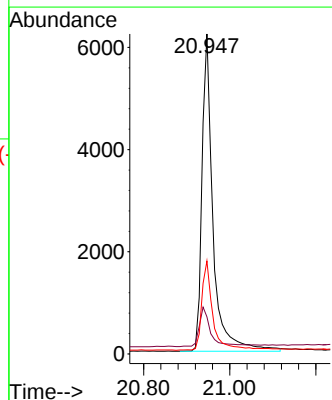
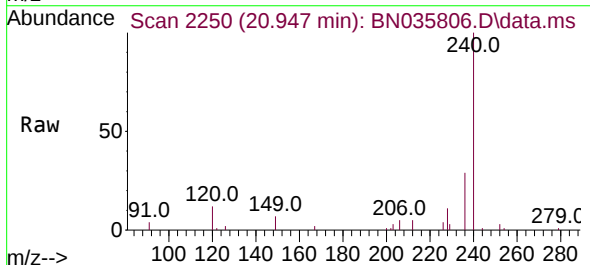
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

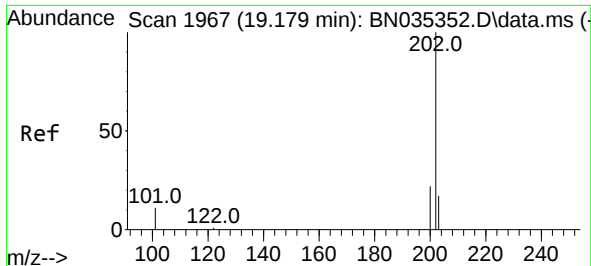
Tgt Ion:202 Resp: 4828
Ion Ratio Lower Upper
202 100
101 9.9 7.4 11.0
203 17.3 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:240 Resp: 11081
Ion Ratio Lower Upper
240 100
120 11.6 7.9 11.9
236 29.0 22.9 34.3

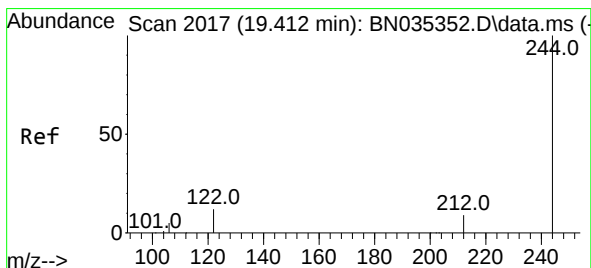
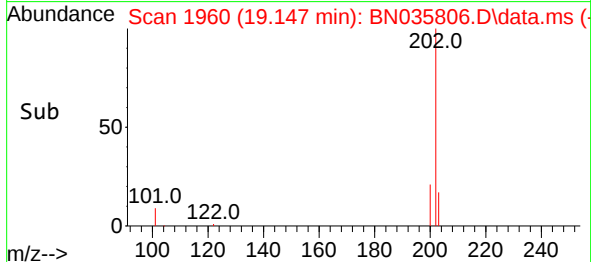
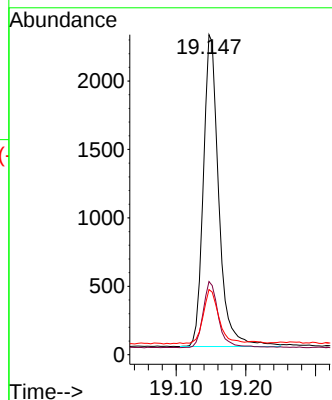
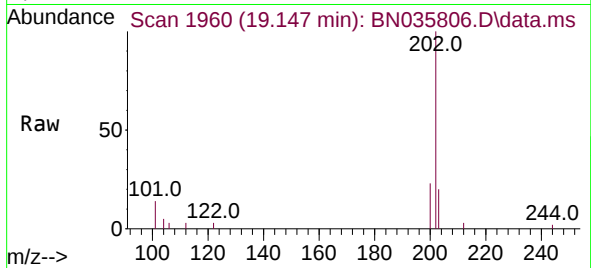




#30
Pyrene
Concen: 0.086 ng
RT: 19.147 min Scan# 1967
Delta R.T. -0.014 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

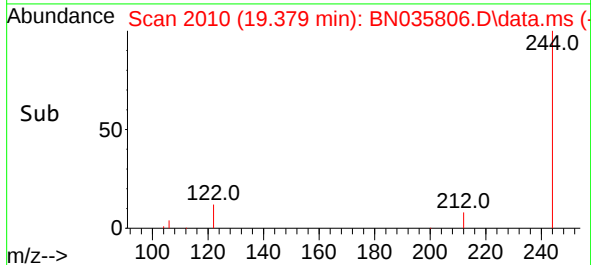
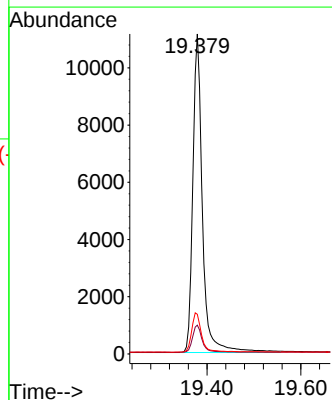
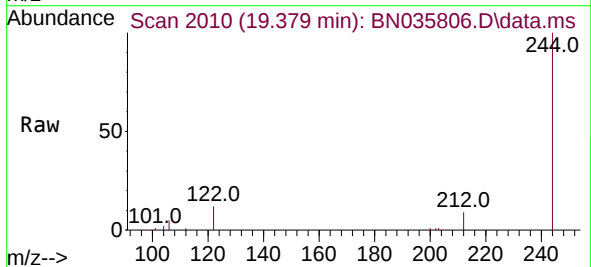
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

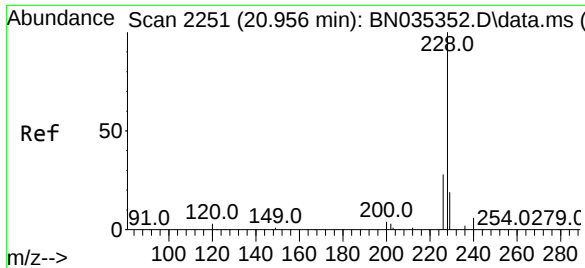
Tgt Ion:	202	Resp:	3511
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.4
203	17.3	14.3	21.5



#31
Terphenyl-d14
Concen: 0.727 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:	244	Resp:	15895
Ion Ratio	Lower	Upper	
244	100		
212	9.0	8.1	12.1
122	12.4	10.3	15.5

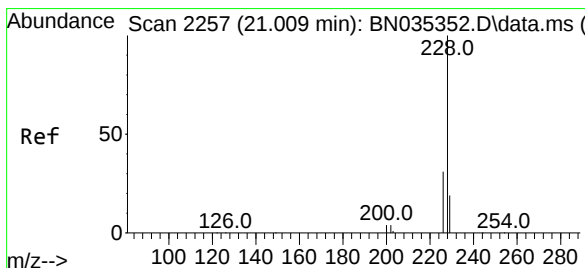
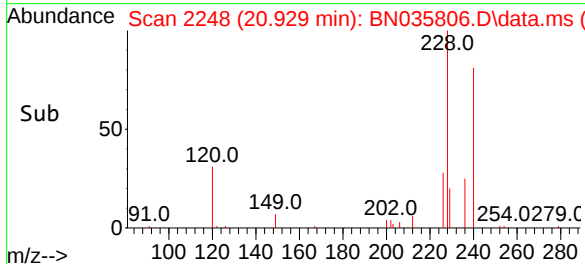
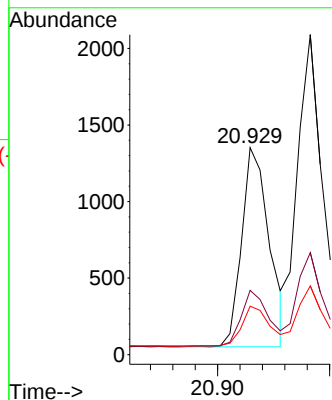
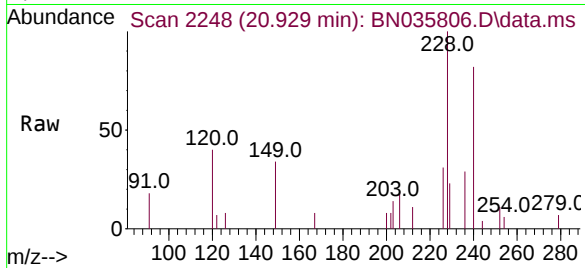




#32
Benzo(a)anthracene
Concen: 0.057 ng
RT: 20.929 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

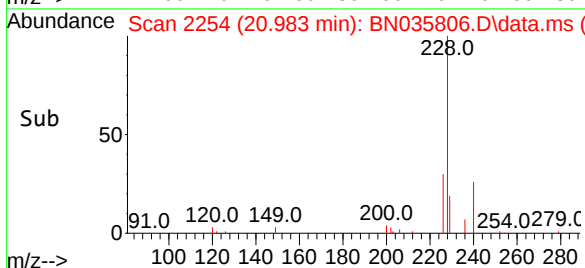
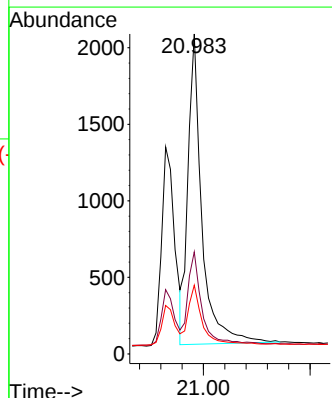
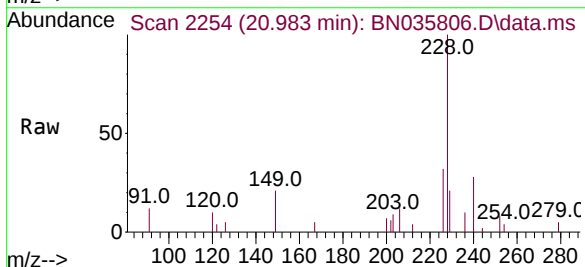
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

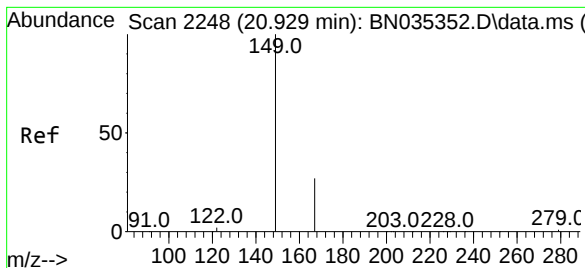
Tgt Ion:228 Resp: 2220
Ion Ratio Lower Upper
228 100
226 31.1 22.5 33.7
229 23.4 15.8 23.8



#33
Chrysene
Concen: 0.091 ng
RT: 20.983 min Scan# 2254
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:228 Resp: 3647
Ion Ratio Lower Upper
228 100
226 31.9 24.6 37.0
229 21.5 15.9 23.9





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.126 ng

RT: 20.902 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035806.D

Acq: 24 Dec 2024 05:23

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20241216

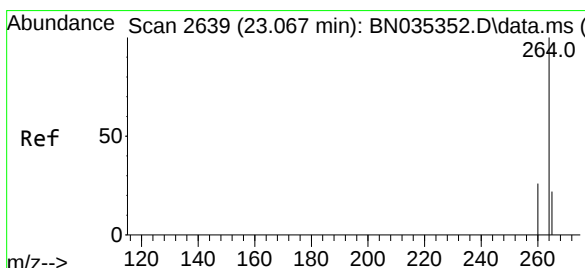
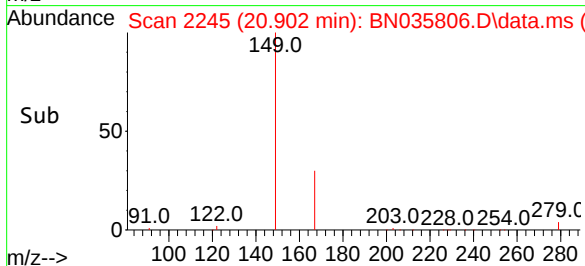
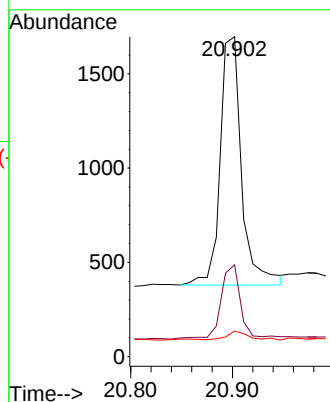
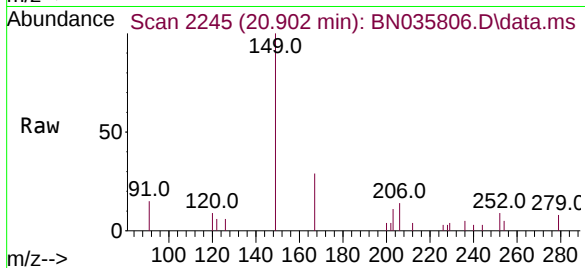
Tgt Ion:149 Resp: 1926

Ion Ratio Lower Upper

149 100

167 26.2 22.2 33.4

279 3.6 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: BN035806.D

Acq: 24 Dec 2024 05:23

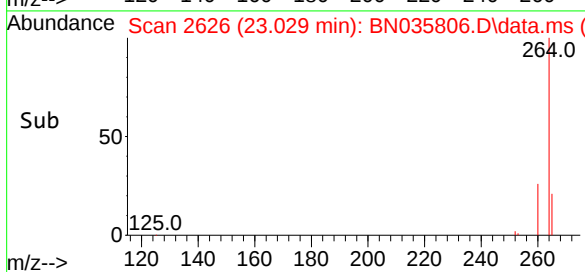
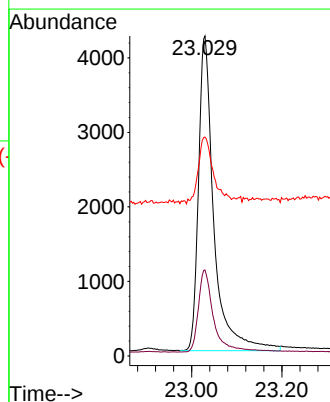
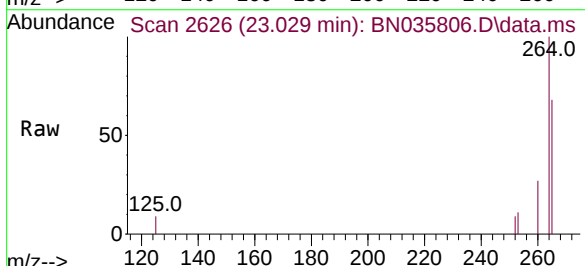
Tgt Ion:264 Resp: 9977

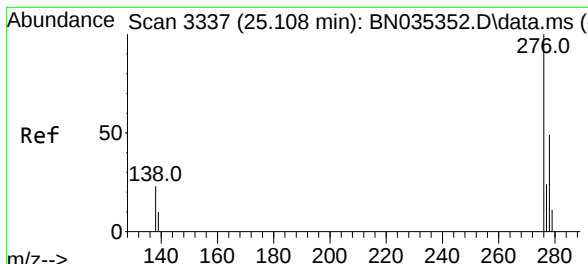
Ion Ratio Lower Upper

264 100

260 26.9 21.4 32.2

265 68.4 40.2 60.4#

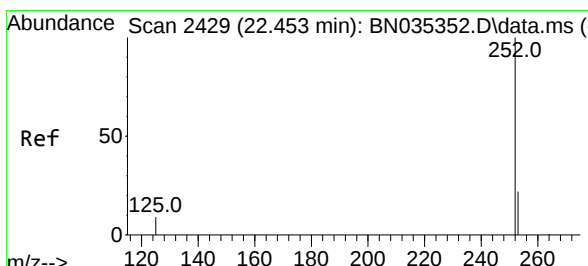
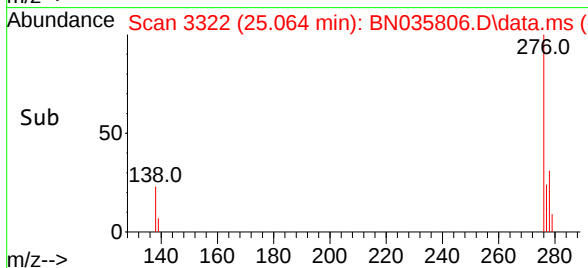
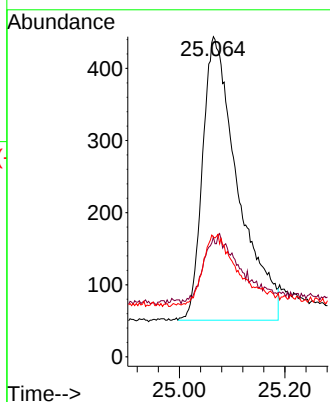
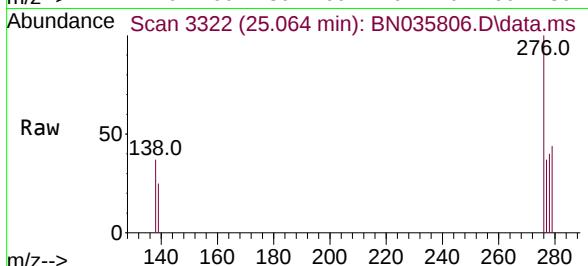




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.047 ng
 RT: 25.064 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN035806.D
 Acq: 24 Dec 2024 05:23

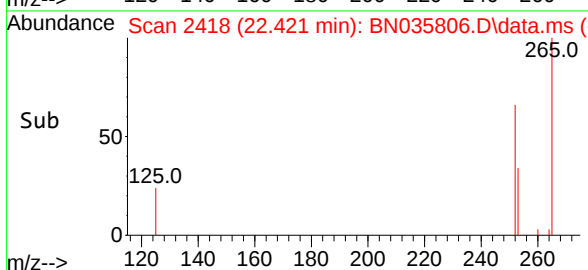
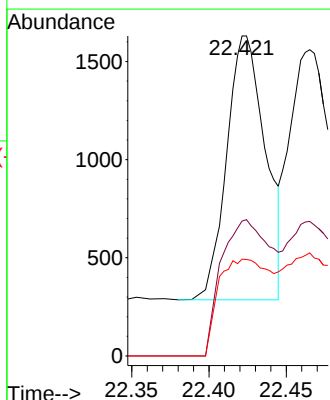
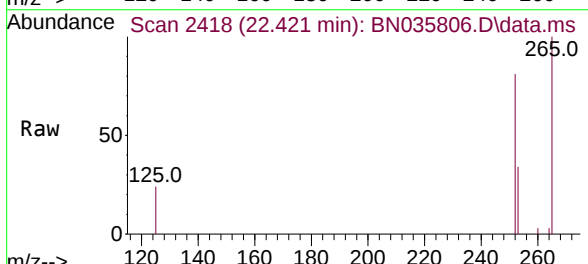
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20241216

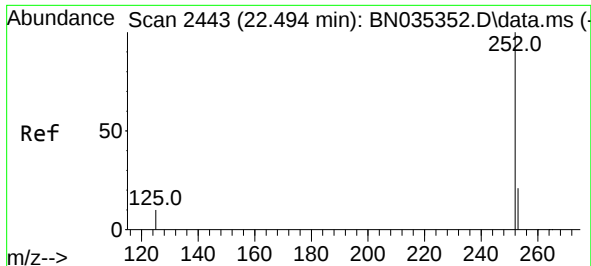
Tgt Ion:	276	Resp:	1824
Ion Ratio	Lower	Upper	
276	100		
138	8.3	19.4	29.0#
277	8.8	19.8	29.6#



#37
 Benzo(b)fluoranthene
 Concen: 0.085 ng
 RT: 22.421 min Scan# 2418
 Delta R.T. -0.009 min
 Lab File: BN035806.D
 Acq: 24 Dec 2024 05:23

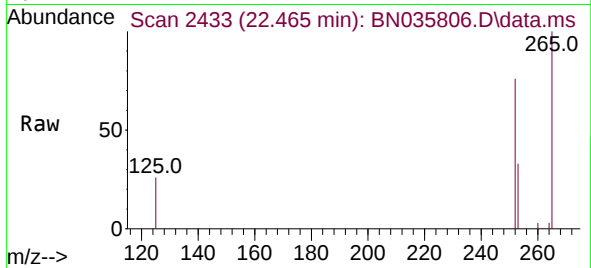
Tgt Ion:	252	Resp:	3115
Ion Ratio	Lower	Upper	
252	100		
253	42.1	19.6	29.4#
125	30.2	9.6	14.4#



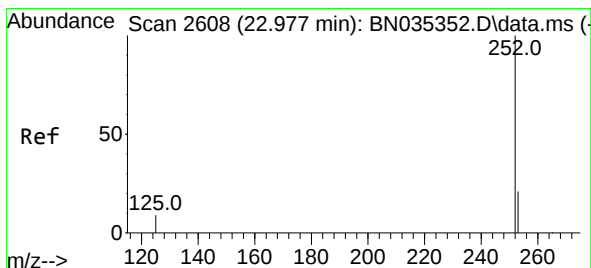
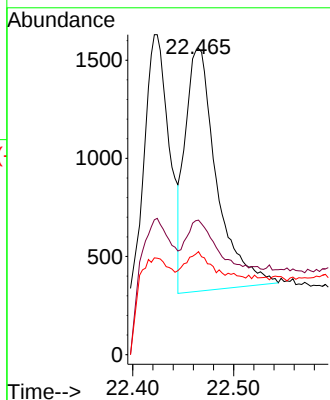


#38
Benzo(k)fluoranthene
Concen: 0.075 ng
RT: 22.465 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

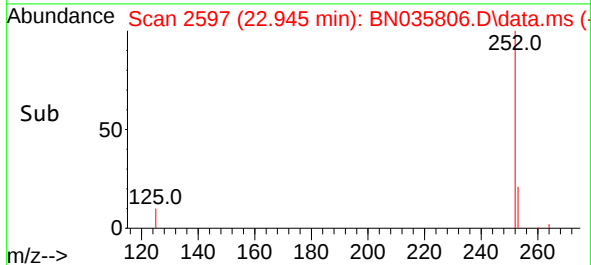
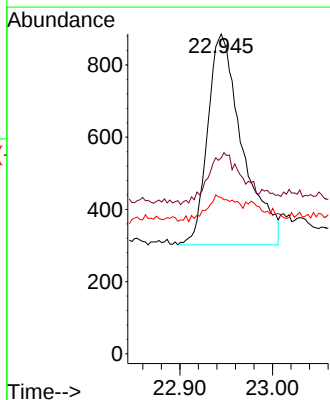
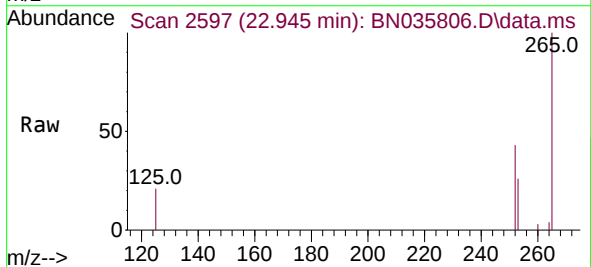


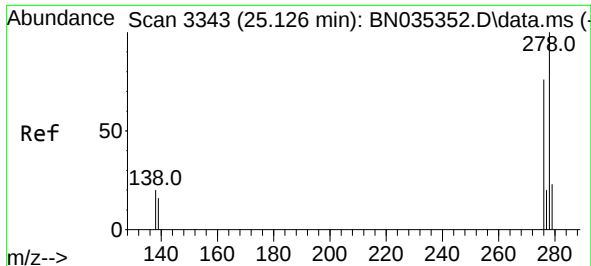
Tgt Ion:252 Resp: 2679
Ion Ratio Lower Upper
252 100
253 43.9 19.5 29.3#
125 33.7 10.2 15.4#



#39
Benzo(a)pyrene
Concen: 0.051 ng
RT: 22.945 min Scan# 2597
Delta R.T. -0.006 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:252 Resp: 1520
Ion Ratio Lower Upper
252 100
253 61.3 20.2 30.4#
125 48.9 10.9 16.3#

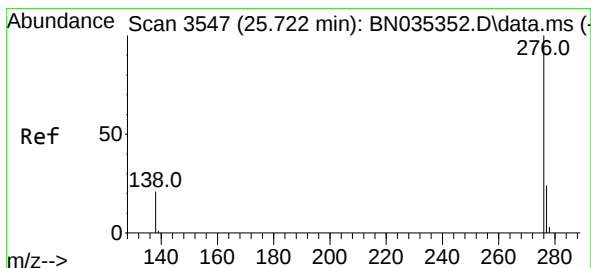
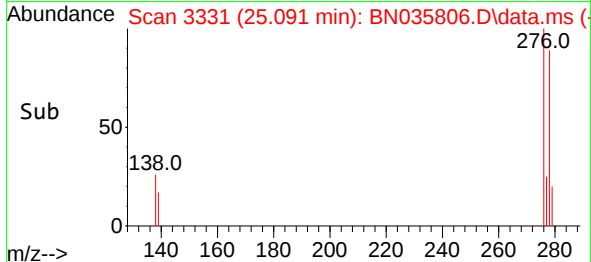
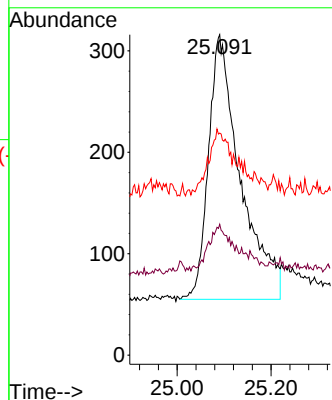
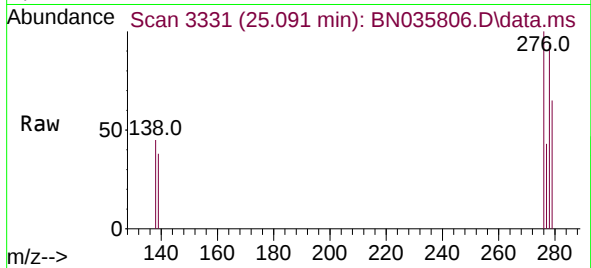




#40
Dibenzo(a,h)anthracene
Concen: 0.040 ng
RT: 25.091 min Scan# 31
Delta R.T. 0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

Tgt Ion:278 Resp: 1232
Ion Ratio Lower Upper
278 100
139 40.8 14.2 21.4#
279 69.3 20.5 30.7#



#41
Benzo(g,h,i)perylene
Concen: 0.044 ng
RT: 25.670 min Scan# 3529
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:276 Resp: 1419
Ion Ratio Lower Upper
276 100
277 36.3 19.9 29.9#
138 35.6 17.8 26.8#

