

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035759.D
 Acq On : 21 Dec 2024 01:34
 Operator : RC/JU
 Sample : P5317-08
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20241216

Quant Time: Dec 21 02:09:37 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)

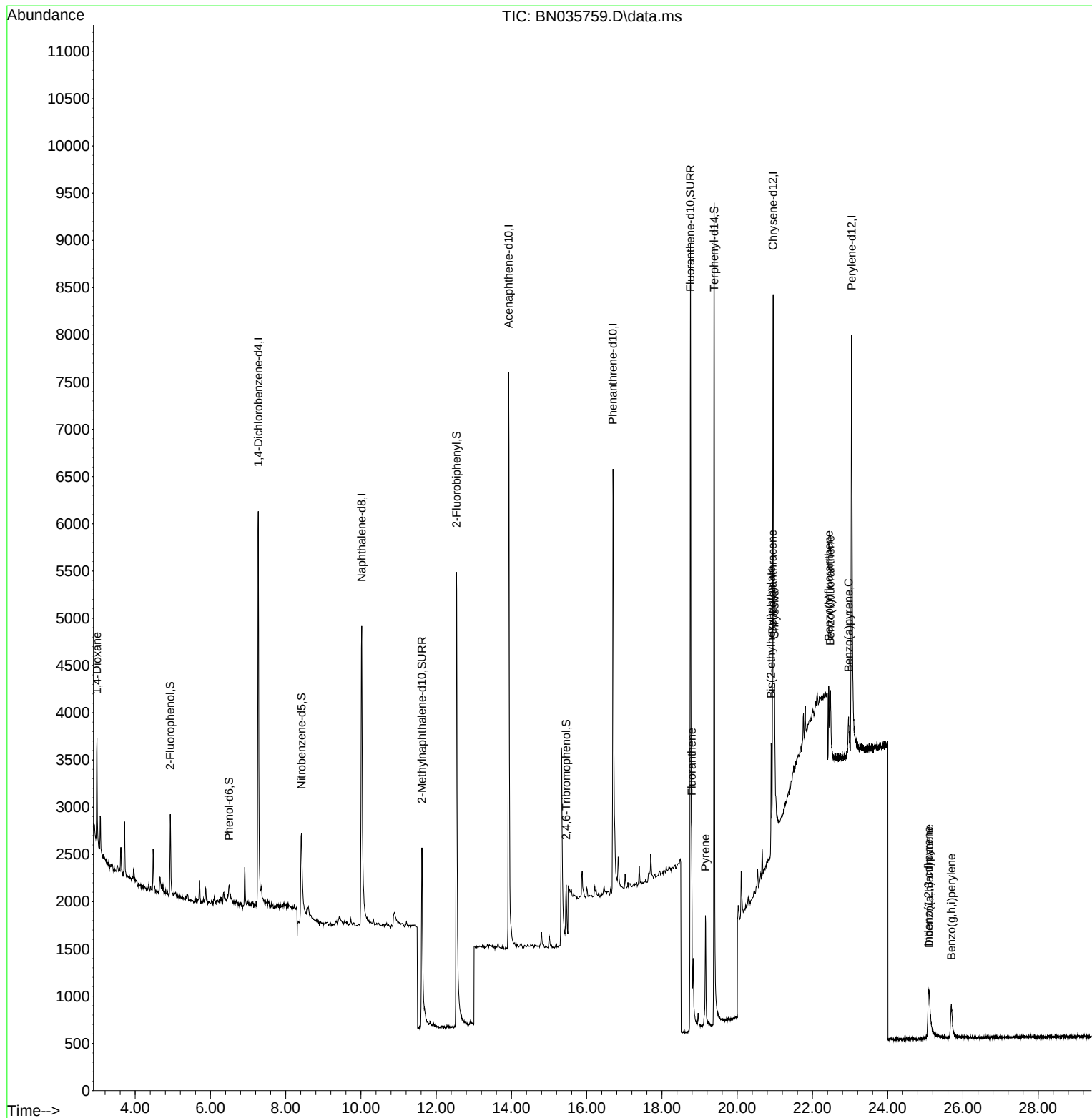
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	2535	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	6408	0.400	ng	0.00
13) Acenaphthene-d10	13.924	164	4317	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8567	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	6994	0.400	ng	# 0.00
35) Perylene-d12	23.041	264	6882	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	791	0.125	ng	0.00
5) Phenol-d6	6.492	99	390	0.051	ng	0.00
8) Nitrobenzene-d5	8.418	82	1916	0.490	ng	0.01
11) 2-Methylnaphthalene-d10	11.621	152	4288	0.428	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	700	0.228	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	6507	0.399	ng	0.00
27) Fluoranthene-d10	18.757	212	11416	0.470	ng	0.00
31) Terphenyl-d14	19.388	244	10536	0.764	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	834	0.344	ng	# 94
28) Fluoranthene	18.789	202	1516	0.048	ng	97
30) Pyrene	19.156	202	1184	0.046	ng	98
32) Benzo(a)anthracene	20.938	228	842	0.034	ng	# 83
33) Chrysene	20.991	228	1423	0.056	ng	# 92
34) Bis(2-ethylhexyl)phtha...	20.902	149	1292	0.134	ng	99
36) Indeno(1,2,3-cd)pyrene	25.085	276	1098	0.041	ng	# 85
37) Benzo(b)fluoranthene	22.433	252	1257	0.050	ng	# 22
38) Benzo(k)fluoranthene	22.474	252	1168	0.047	ng	# 18
39) Benzo(a)pyrene	22.959	252	708	0.034	ng	# 1
40) Dibenzo(a,h)anthracene	25.099	278	628	0.030	ng	# 1
41) Benzo(g,h,i)perylene	25.690	276	848	0.038	ng	# 58

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

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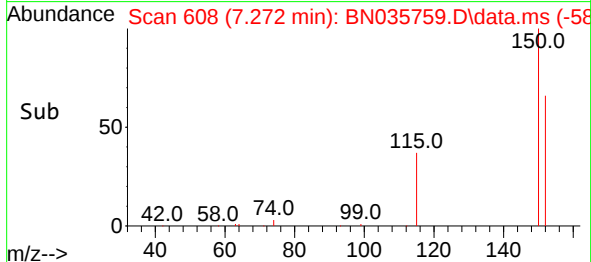
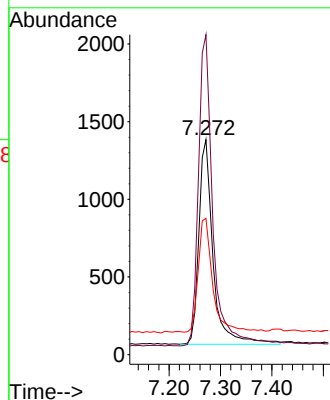
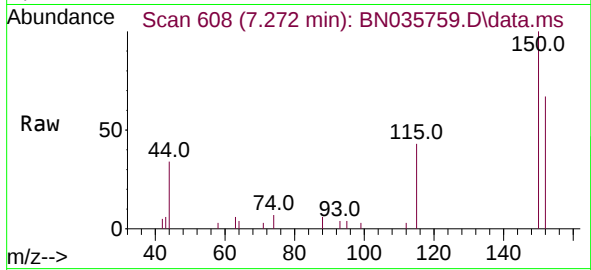




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN035759.D
 Acq: 21 Dec 2024 01:34

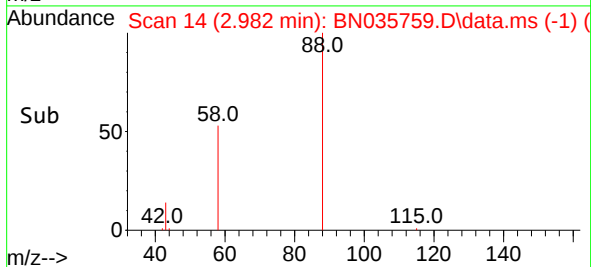
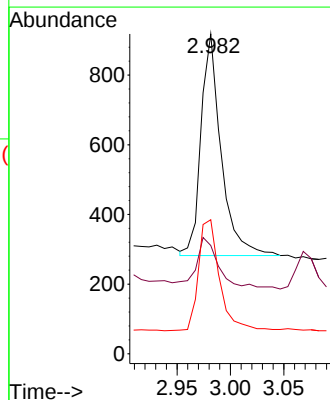
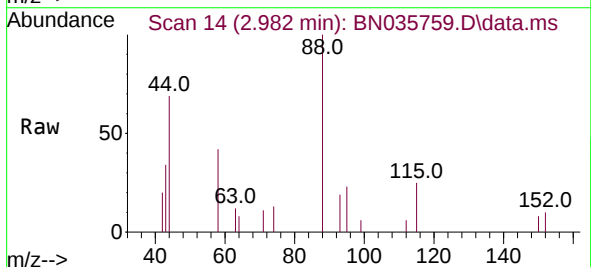
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20241216

Tgt Ion:152 Resp: 2535
 Ion Ratio Lower Upper
 152 100
 150 148.8 124.0 186.0
 115 63.4 49.6 74.4



#2
 1,4-Dioxane
 Concen: 0.344 ng
 RT: 2.982 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035759.D
 Acq: 21 Dec 2024 01:34

Tgt Ion: 88 Resp: 834
 Ion Ratio Lower Upper
 88 100
 43 27.2 17.2 25.8#
 58 53.1 44.5 66.7

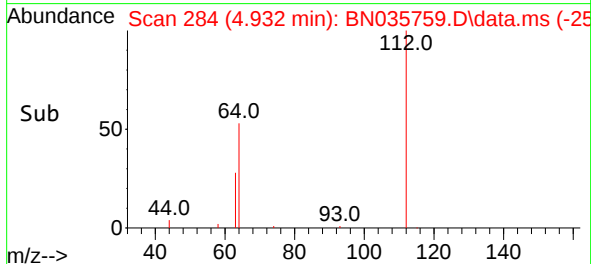
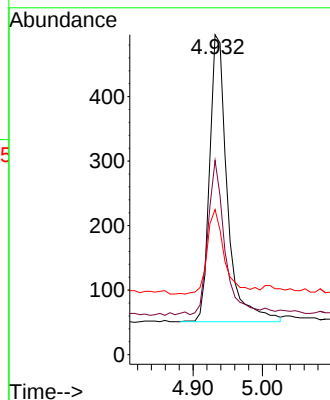
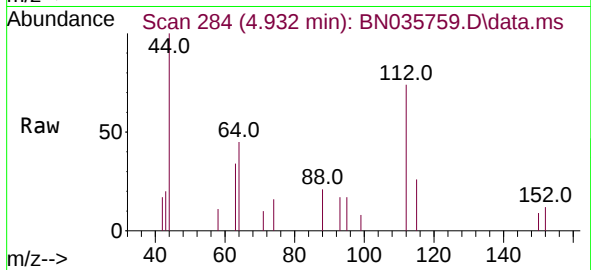




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

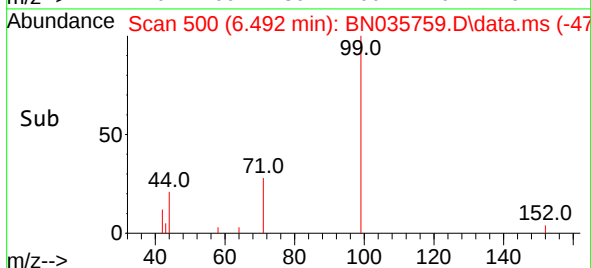
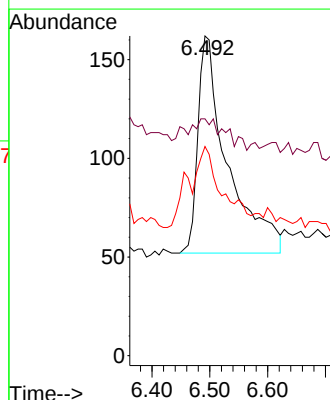
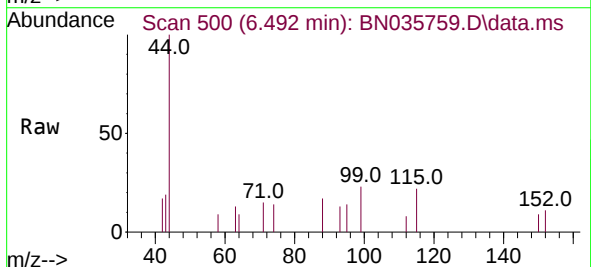
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BNA_N
ClientSampleId :
RW8-MW01D1-20241216

Tgt Ion:112 Resp: 791
Ion Ratio Lower Upper
112 100
64 53.5 39.8 59.8
63 28.2 21.0 31.6



#5
Phenol-d6
Concen: 0.051 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

Tgt Ion: 99 Resp: 390
Ion Ratio Lower Upper
99 100
42 16.9 11.4 17.2
71 23.6 29.3 43.9#

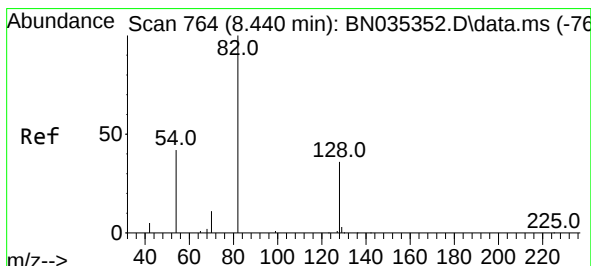
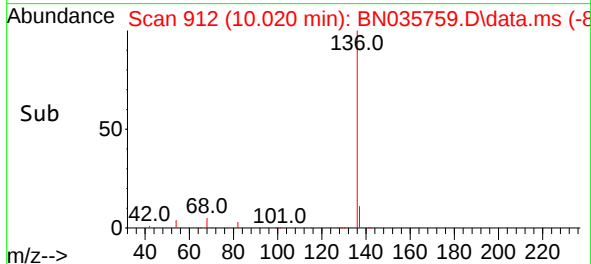
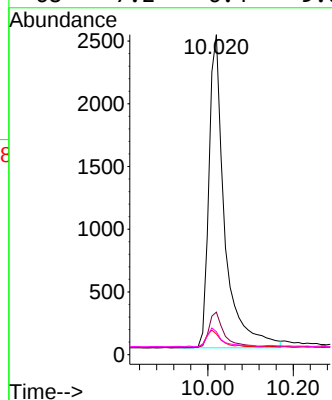
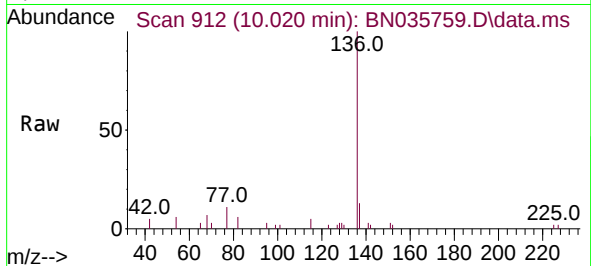




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

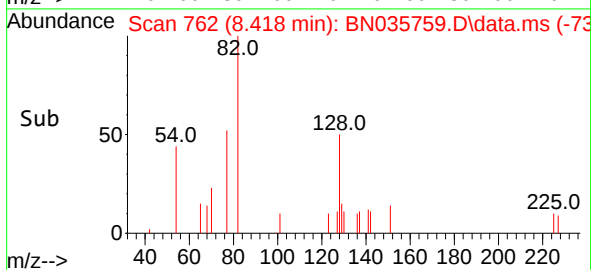
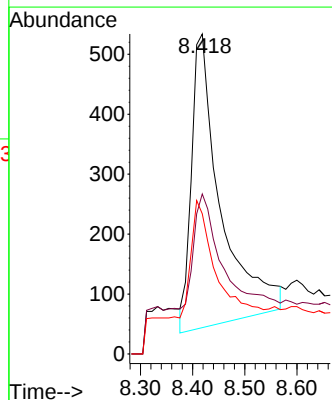
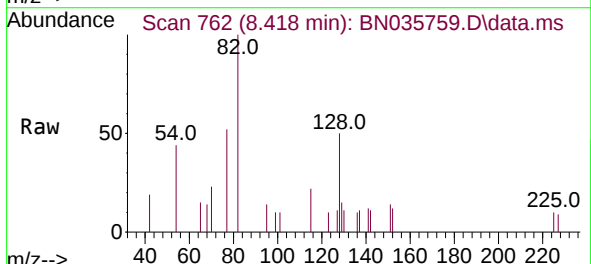
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20241216

Tgt Ion:136	Resp:	6408
Ion	Ratio	Lower Upper
136	100	
137	13.3	10.2 15.2
54	6.5	6.1 9.1
68	7.2	6.4 9.6



#8
Nitrobenzene-d5
Concen: 0.490 ng
RT: 8.418 min Scan# 762
Delta R.T. 0.010 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

Tgt Ion: 82	Resp:	1916
Ion	Ratio	Lower Upper
82	100	
128	50.0	33.4 50.0
54	43.8	36.7 55.1

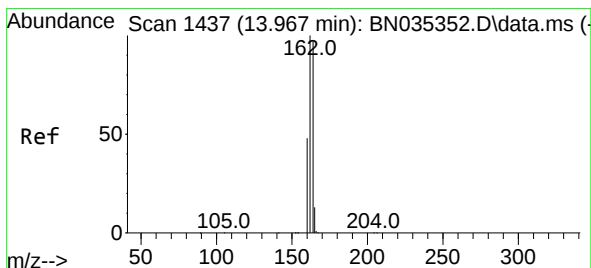
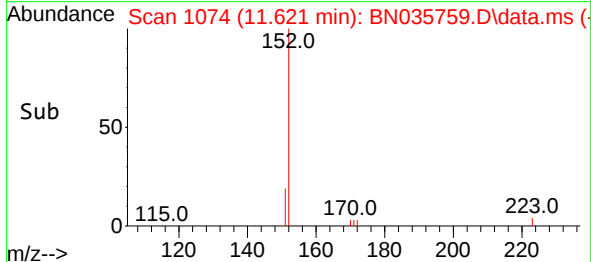
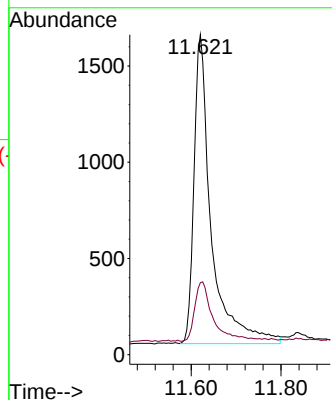
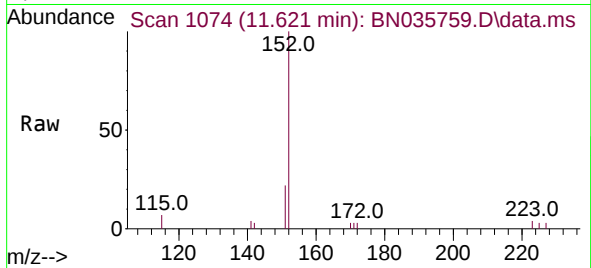




#11
2-Methylnaphthalene-d10
Concen: 0.428 ng
RT: 11.621 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

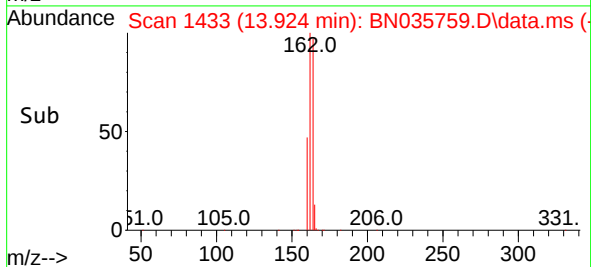
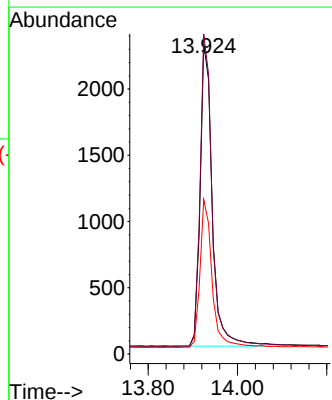
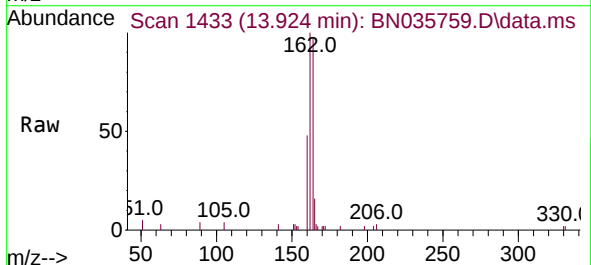
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20241216

Tgt Ion:152 Resp: 4288
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

Tgt Ion:164 Resp: 4317
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.2
160 49.8 40.1 60.1

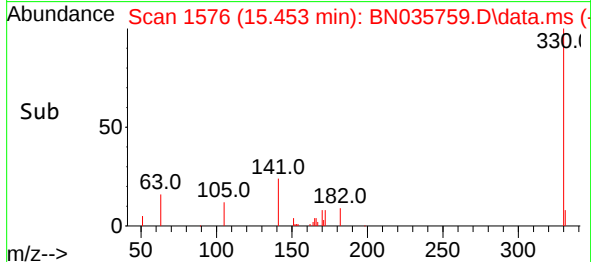
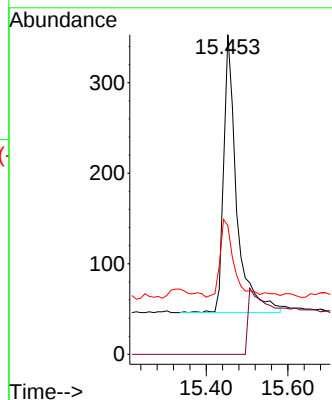
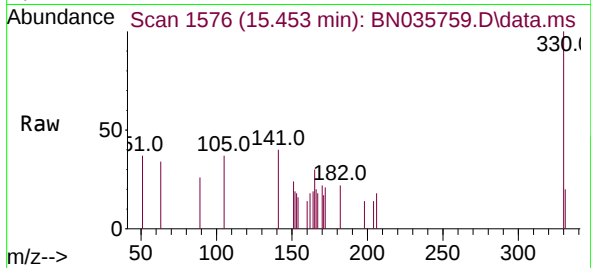




#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

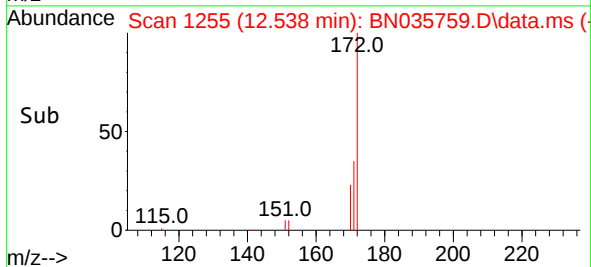
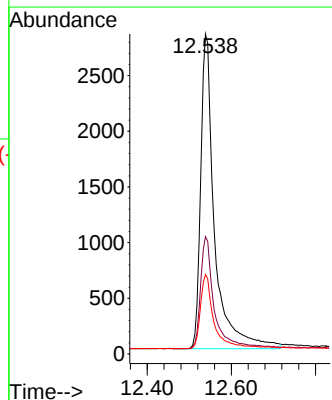
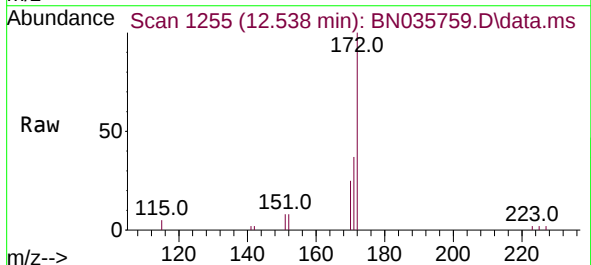
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20241216

Tgt Ion:330 Resp: 700
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.1 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.538 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

Tgt Ion:172 Resp: 6507
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.8 19.8 29.8

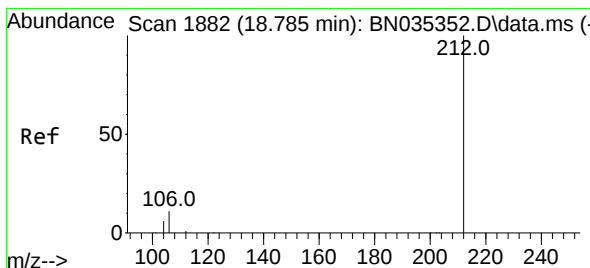
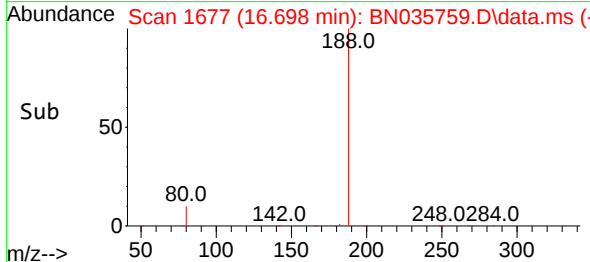
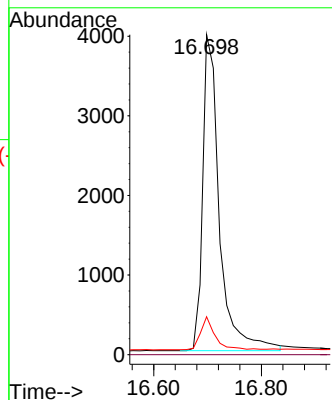
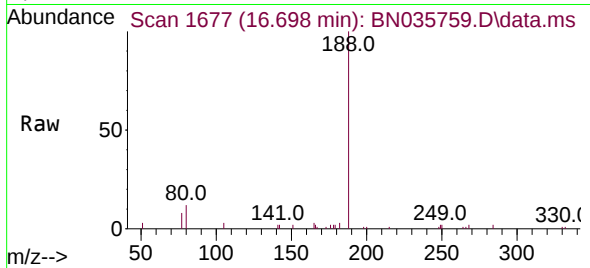




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

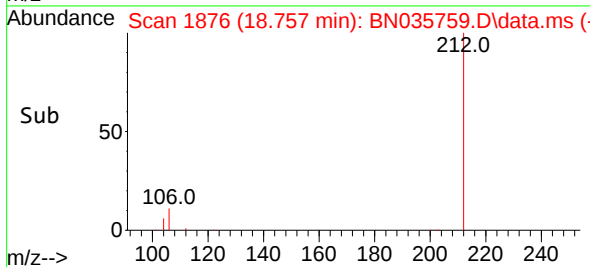
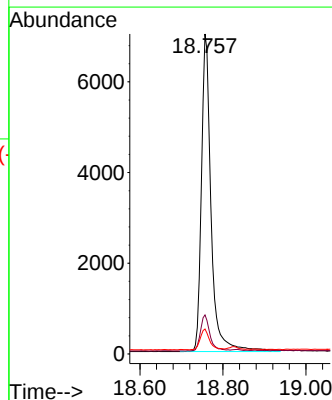
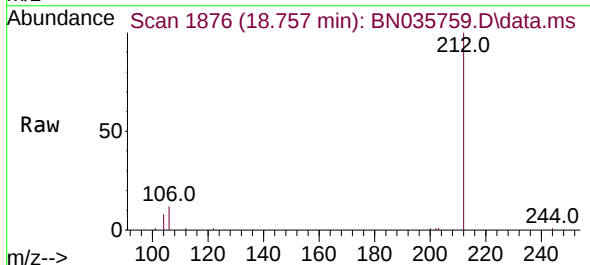
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RW8-MW01D1-20241216

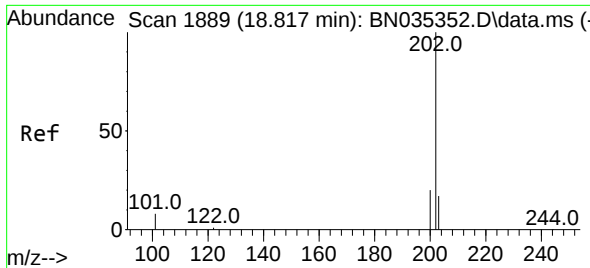
Tgt Ion:188 Resp: 8567
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 4.6 6.8#



#27
Fluoranthene-d10
Concen: 0.470 ng
RT: 18.757 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

Tgt Ion:212 Resp: 11416
Ion Ratio Lower Upper
212 100
106 11.1 9.2 13.8
104 6.2 5.3 7.9

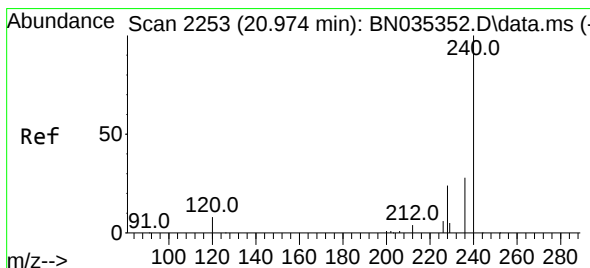
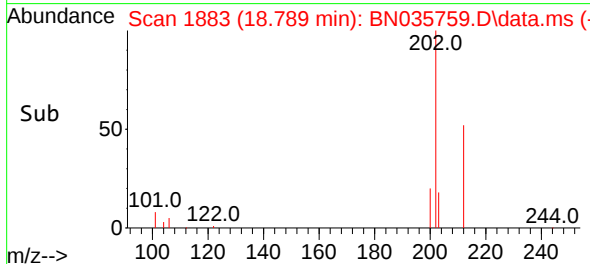
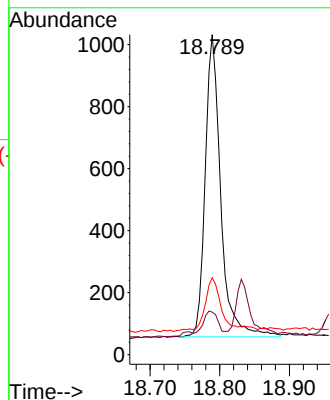
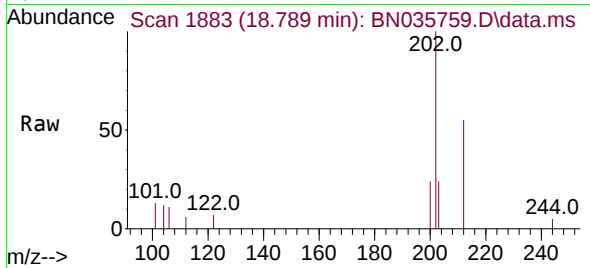




#28
Fluoranthene
Concen: 0.048 ng
RT: 18.789 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

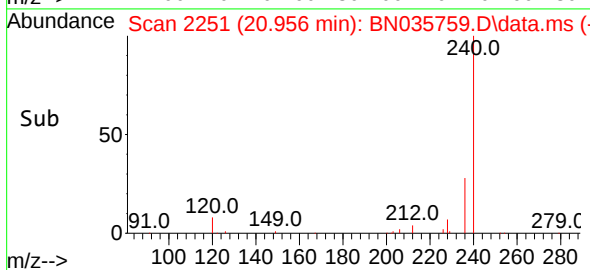
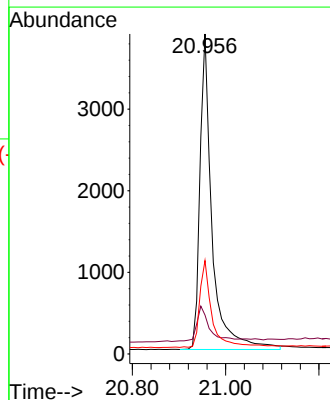
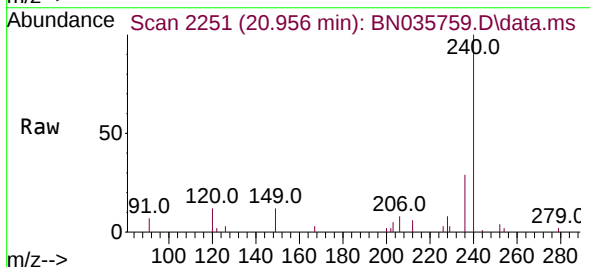
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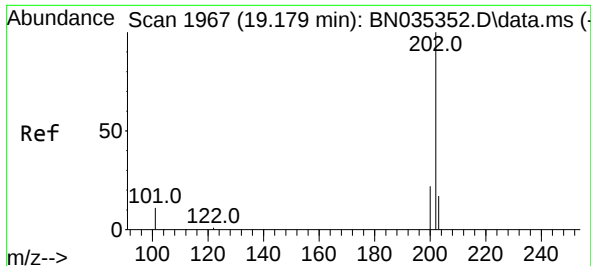
Tgt Ion:202 Resp: 1516
Ion Ratio Lower Upper
202 100
101 7.6 7.4 11.0
203 18.1 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

Tgt Ion:240 Resp: 6994
Ion Ratio Lower Upper
240 100
120 12.1 7.9 11.9#
236 29.2 22.9 34.3

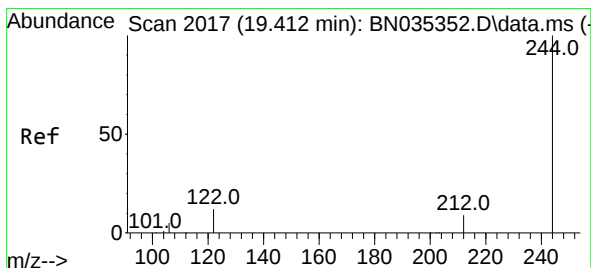
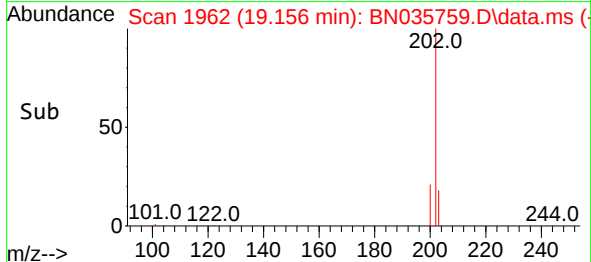
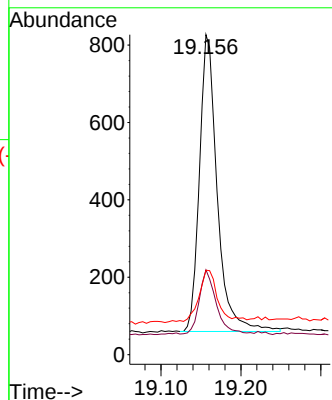
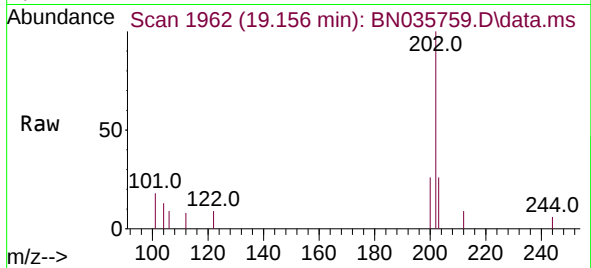




#30
Pyrene
Concen: 0.046 ng
RT: 19.156 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

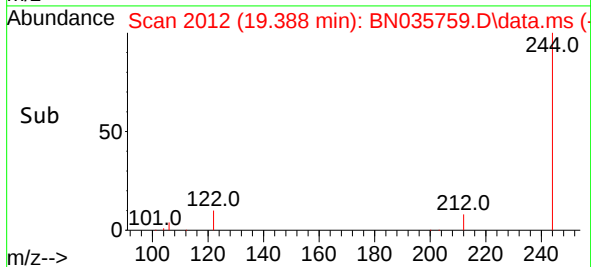
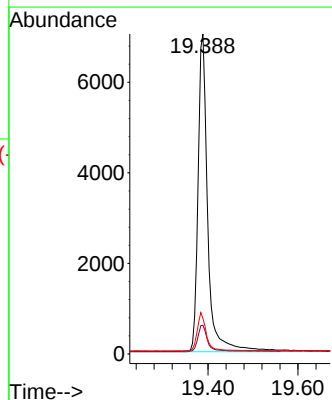
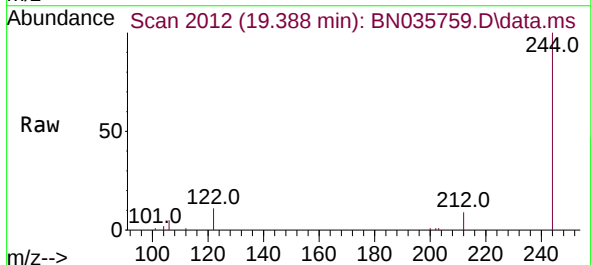
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BNA_N
ClientSampleId :
RW8-MW01D1-20241216

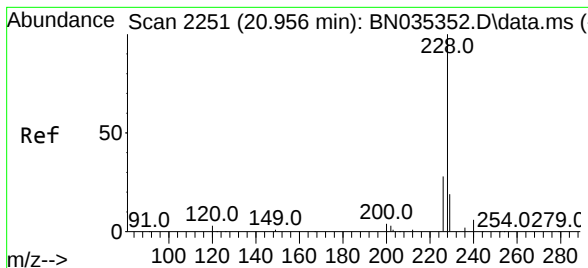
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Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.4
203 19.2 14.3 21.5



#31
Terphenyl-d14
Concen: 0.764 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

Tgt Ion:244 Resp: 10536
Ion Ratio Lower Upper
244 100
212 9.0 8.1 12.1
122 11.1 10.3 15.5





#32

Benzo(a)anthracene

Concen: 0.034 ng

RT: 20.938 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN035759.D

Acq: 21 Dec 2024 01:34

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D1-20241216

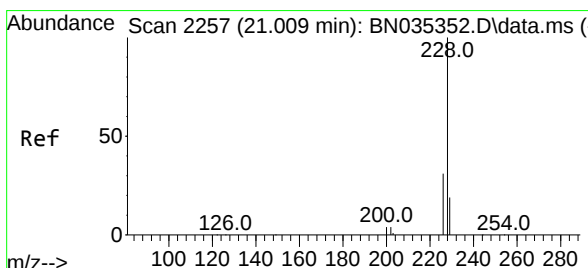
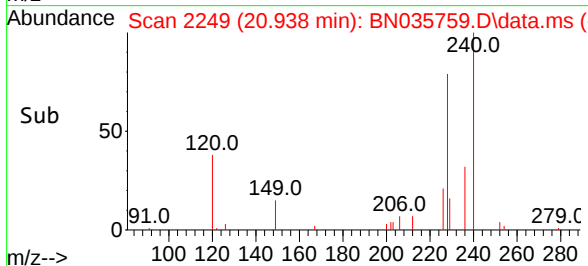
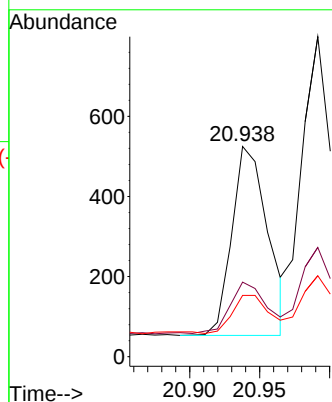
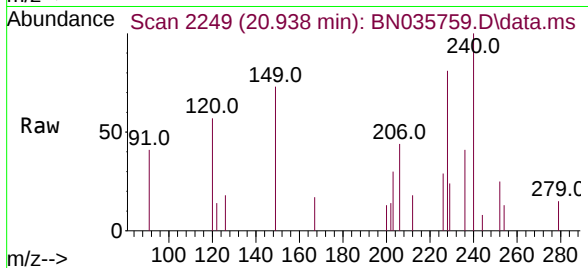
Tgt Ion:228 Resp: 842

Ion Ratio Lower Upper

228 100

226 35.4 22.5 33.7#

229 29.1 15.8 23.8#



#33

Chrysene

Concen: 0.056 ng

RT: 20.991 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BN035759.D

Acq: 21 Dec 2024 01:34

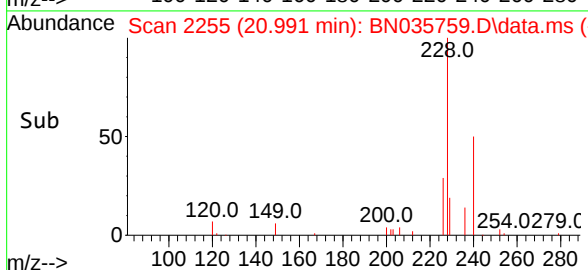
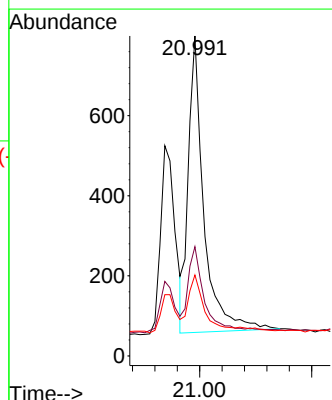
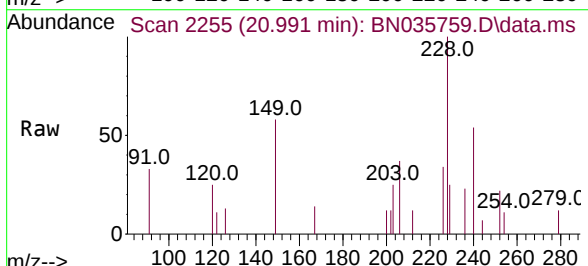
Tgt Ion:228 Resp: 1423

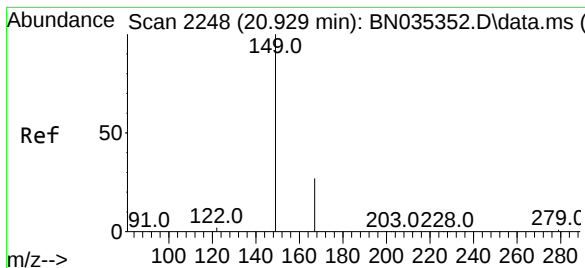
Ion Ratio Lower Upper

228 100

226 34.2 24.6 37.0

229 25.3 15.9 23.9#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.134 ng

RT: 20.902 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035759.D

Acq: 21 Dec 2024 01:34

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D1-20241216

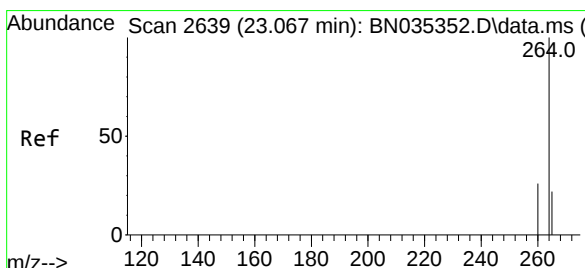
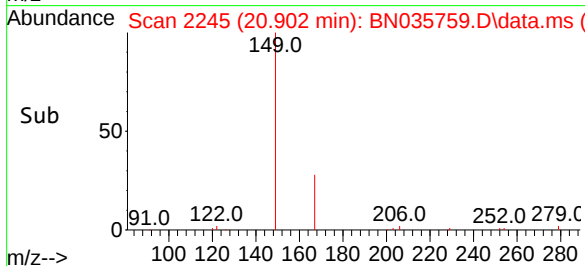
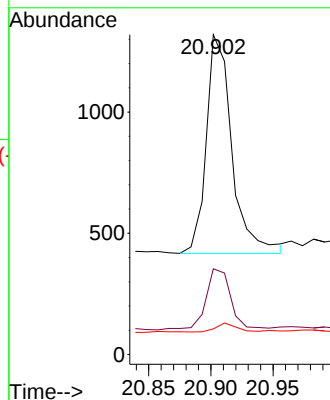
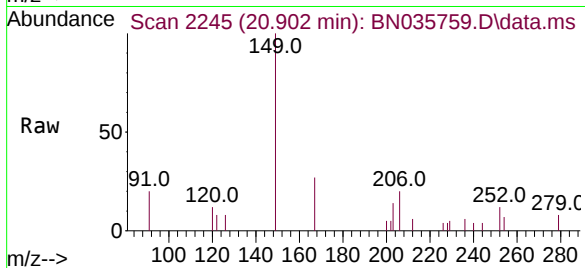
Tgt Ion:149 Resp: 1292

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

279 3.3 2.7 4.1



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.041 min Scan# 2630

Delta R.T. -0.000 min

Lab File: BN035759.D

Acq: 21 Dec 2024 01:34

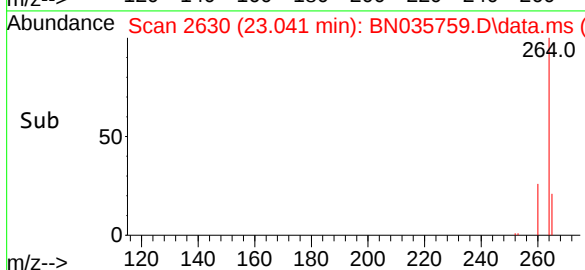
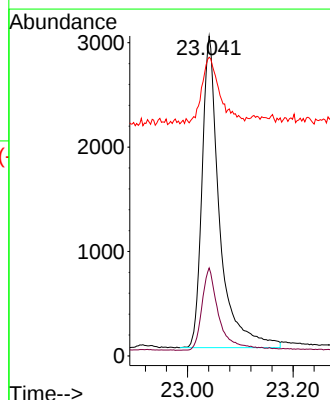
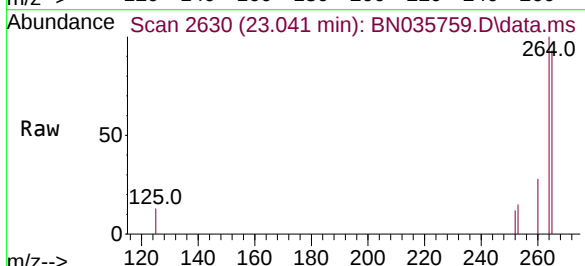
Tgt Ion:264 Resp: 6882

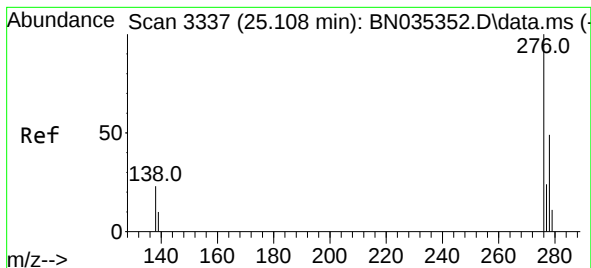
Ion Ratio Lower Upper

264 100

260 27.5 21.4 32.2

265 93.3 40.2 60.4#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.041 ng

RT: 25.085 min Scan# 31

Delta R.T. 0.017 min

Lab File: BN035759.D

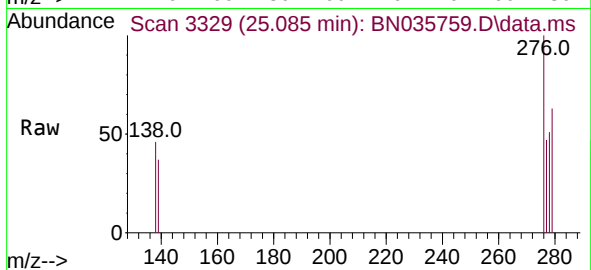
Acq: 21 Dec 2024 01:34

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D1-20241216



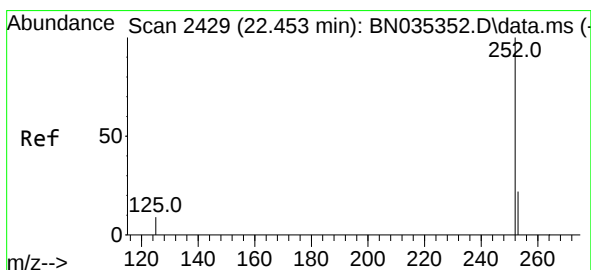
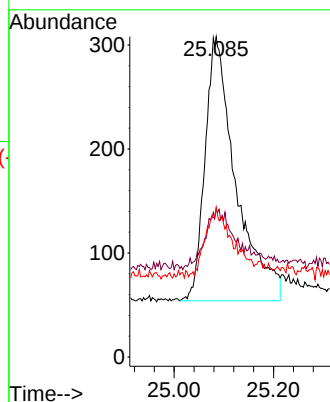
Tgt Ion:276 Resp: 1098

Ion Ratio Lower Upper

276 100

138 15.2 19.4 29.0#

277 18.7 19.8 29.6#



#37

Benzo(b)fluoranthene

Concen: 0.050 ng

RT: 22.433 min Scan# 2422

Delta R.T. 0.003 min

Lab File: BN035759.D

Acq: 21 Dec 2024 01:34

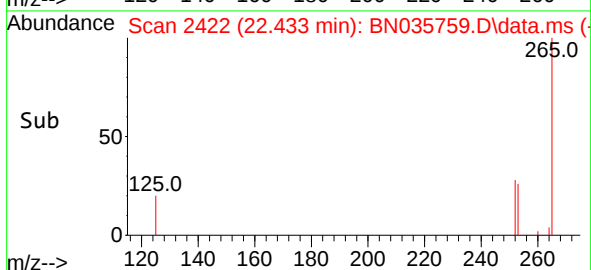
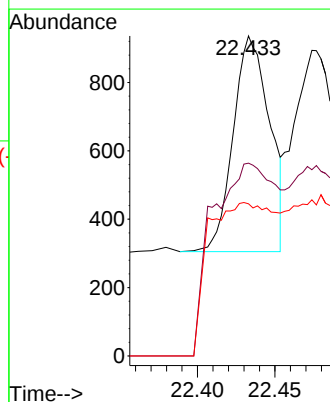
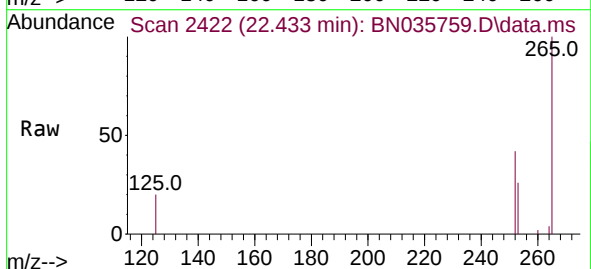
Tgt Ion:252 Resp: 1257

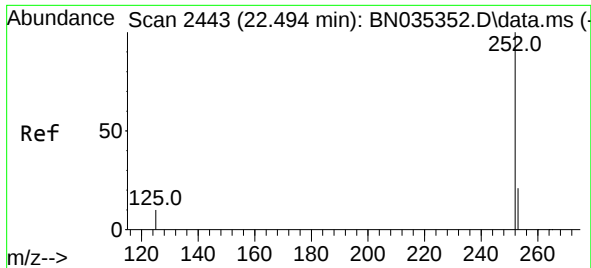
Ion Ratio Lower Upper

252 100

253 60.3 19.6 29.4#

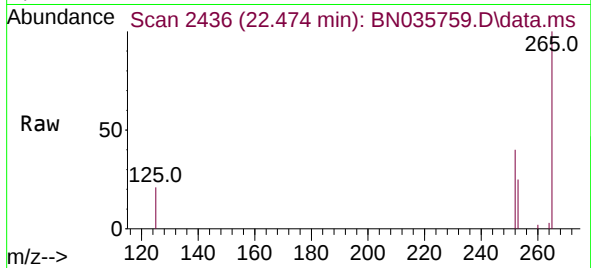
125 47.5 9.6 14.4#



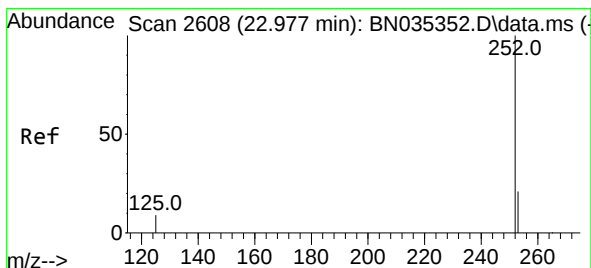
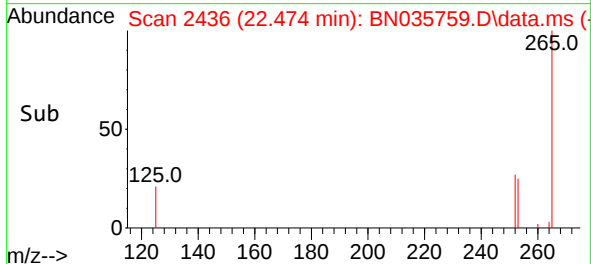
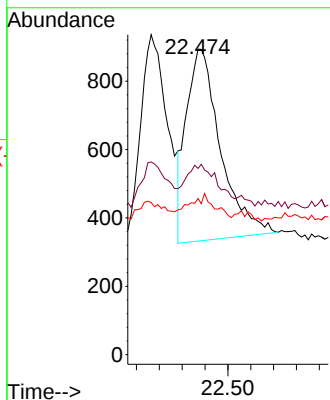


#38
Benzo(k)fluoranthene
Concen: 0.047 ng
RT: 22.474 min Scan# 2443
Delta R.T. 0.003 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20241216

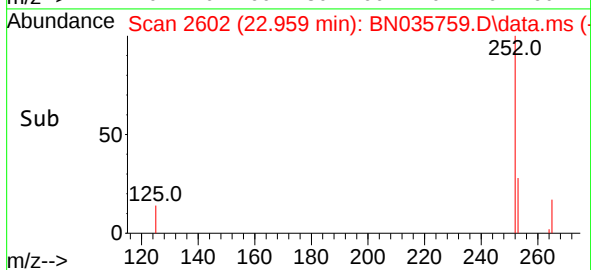
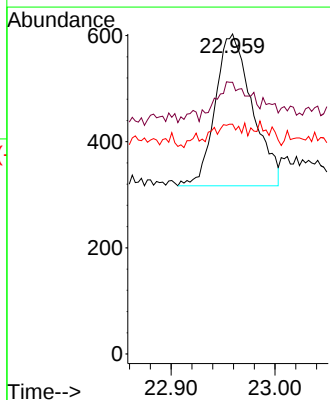
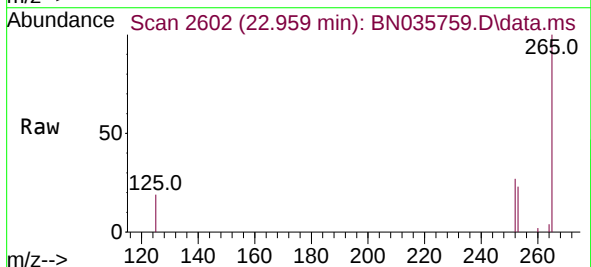


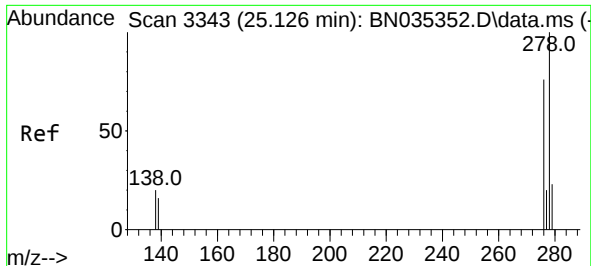
Tgt Ion:252 Resp: 1168
Ion Ratio Lower Upper
252 100
253 61.0 19.5 29.3#
125 51.1 10.2 15.4#



#39
Benzo(a)pyrene
Concen: 0.034 ng
RT: 22.959 min Scan# 2602
Delta R.T. 0.009 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

Tgt Ion:252 Resp: 708
Ion Ratio Lower Upper
252 100
253 84.9 20.2 30.4#
125 71.8 10.9 16.3#

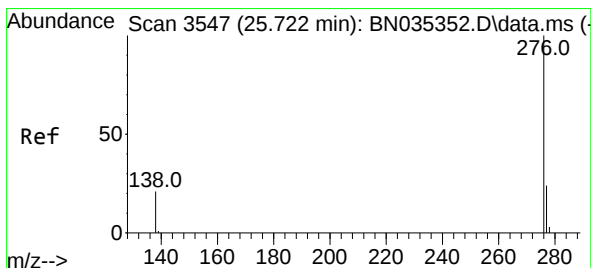
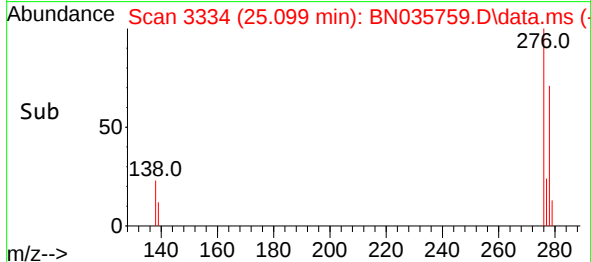
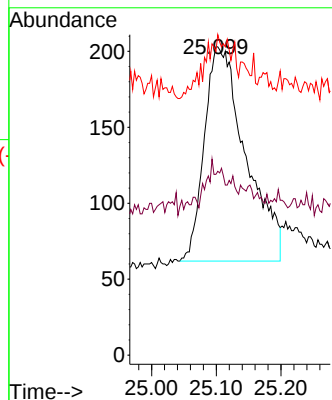
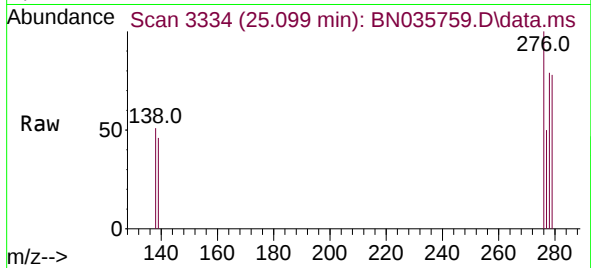




#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 25.099 min Scan# 31
Delta R.T. 0.017 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20241216

Tgt Ion:278 Resp: 628
Ion Ratio Lower Upper
278 100
139 58.6 14.2 21.4#
279 98.5 20.5 30.7#



#41
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 25.690 min Scan# 3536
Delta R.T. 0.012 min
Lab File: BN035759.D
Acq: 21 Dec 2024 01:34

Tgt Ion:276 Resp: 848
Ion Ratio Lower Upper
276 100
277 45.7 19.9 29.9#
138 42.4 17.8 26.8#

