

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033498.D
 Acq On : 20 Aug 2024 10:22
 Operator : MA/JU
 Sample : P3650-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20240814

Quant Time: Aug 20 10:48:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

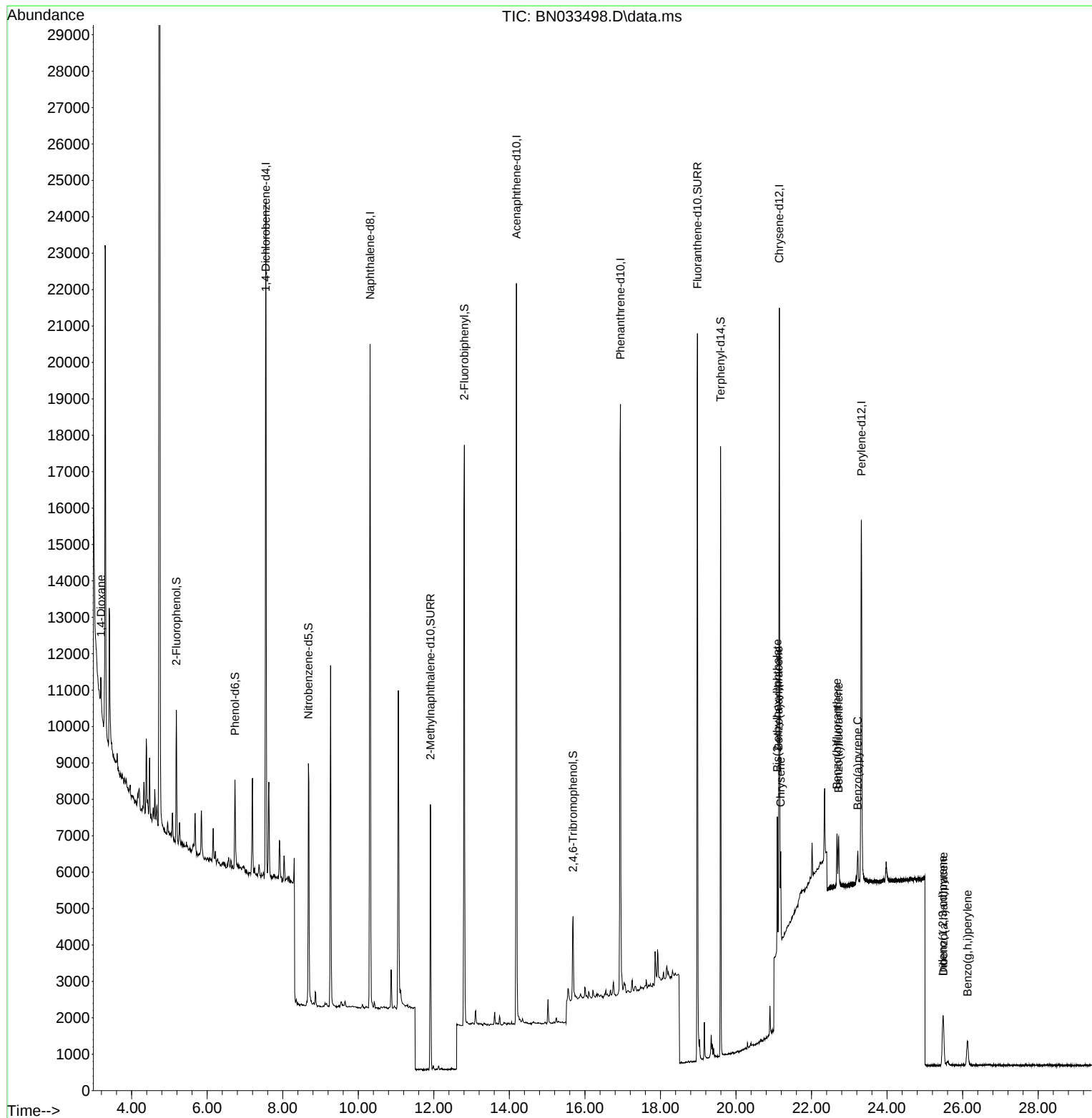
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8602	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	22913	0.400	ng	# 0.00
13) Acenaphthene-d10	14.188	164	11418	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	24305	0.400	ng	# 0.00
29) Chrysene-d12	21.148	240	14543	0.400	ng	0.00
35) Perylene-d12	23.320	264	13065	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2642	0.097	ng	0.00
5) Phenol-d6	6.736	99	1920	0.059	ng	0.00
8) Nitrobenzene-d5	8.681	82	5312	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	9608	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1518	0.247	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	14383	0.308	ng	0.00
27) Fluoranthene-d10	18.979	212	21231	0.363	ng	0.00
31) Terphenyl-d14	19.593	244	14971	0.453	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.190	88	461	0.047	ng	# 1
32) Benzo(a)anthracene	21.130	228	1568	0.030	ng	# 91
33) Chrysene	21.184	228	1888	0.036	ng	94
34) Bis(2-ethylhexyl)phtha...	21.094	149	3212	0.097	ng	97
36) Indeno(1,2,3-cd)pyrene	25.475	276	1654	0.030	ng	100
37) Benzo(b)fluoranthene	22.674	252	1699	0.035	ng	# 26
38) Benzo(k)fluoranthene	22.715	252	1706	0.036	ng	# 22
39) Benzo(a)pyrene	23.221	252	1202	0.030	ng	# 1
40) Dibenzo(a,h)anthracene	25.493	278	1272	0.029	ng	# 41
41) Benzo(g,h,i)perylene	26.130	276	1346	0.029	ng	# 66

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

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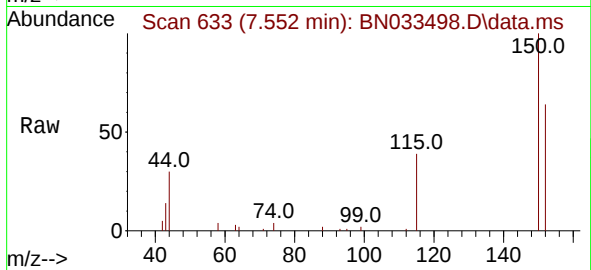
Quant Time: Aug 20 10:48:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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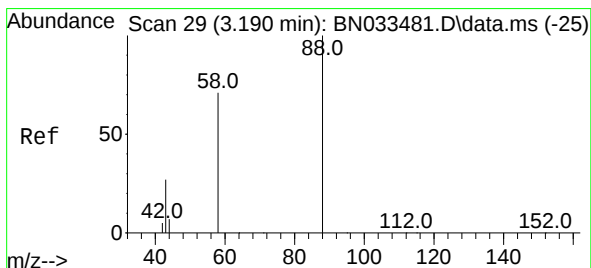
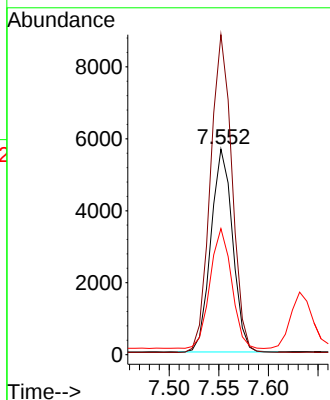
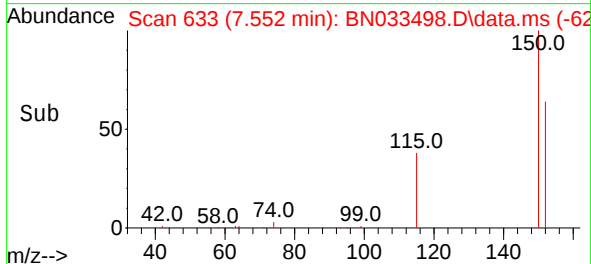


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240814

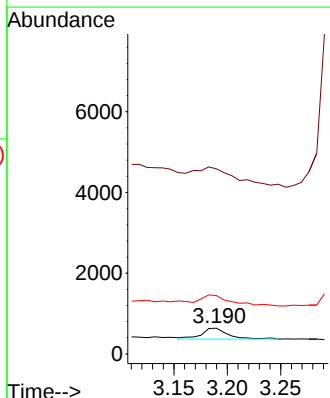
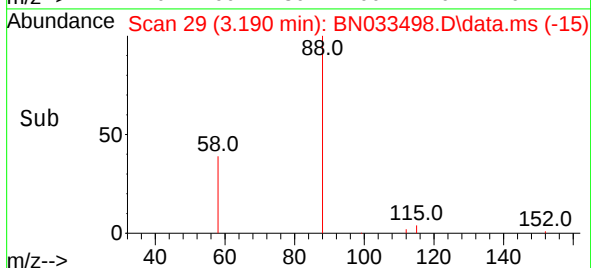
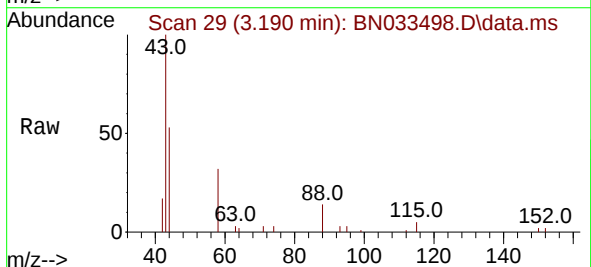


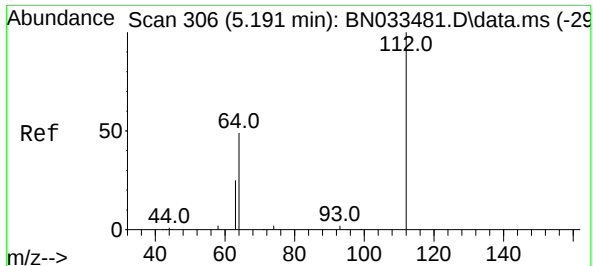
Tgt Ion:152 Resp: 8602
Ion Ratio Lower Upper
152 100
150 155.7 122.2 183.2
115 61.3 47.2 70.8



#2
1,4-Dioxane
Concen: 0.047 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Tgt Ion: 88 Resp: 461
Ion Ratio Lower Upper
88 100
43 293.5 25.0 37.4#
58 113.2 62.5 93.7#

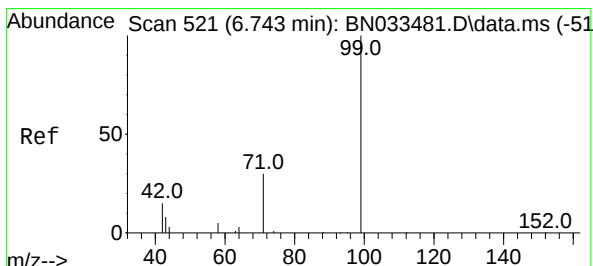
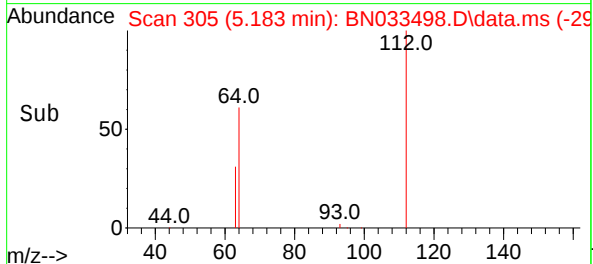
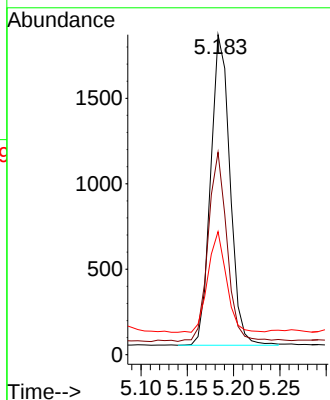
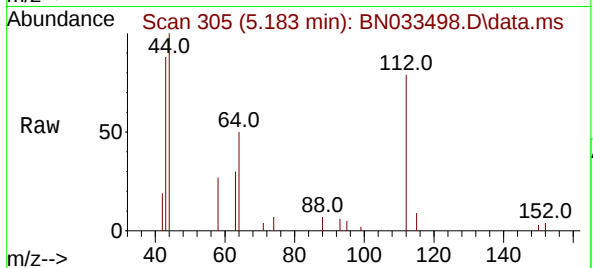




#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

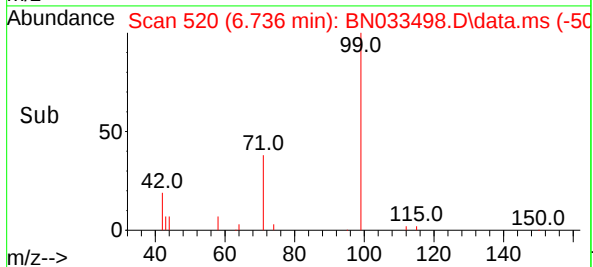
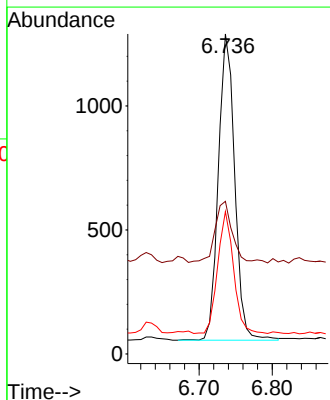
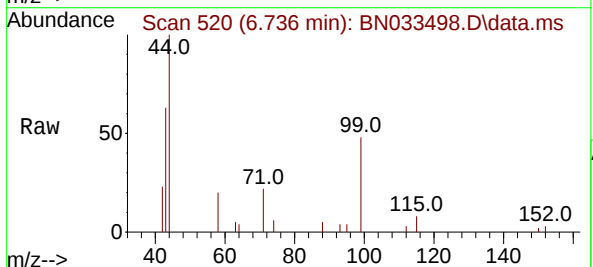
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240814

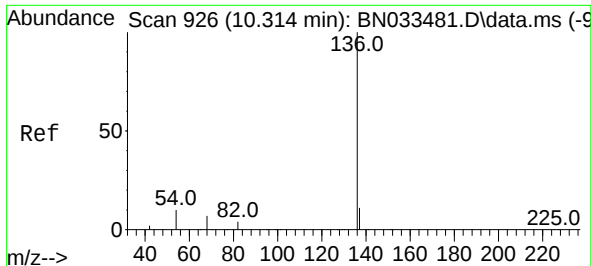
Tgt Ion:	112	Resp:	2642
Ion Ratio	Lower	Upper	
112	100		
64	59.4	47.1	70.7
63	31.1	24.9	37.3



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Tgt Ion:	99	Resp:	1920
Ion Ratio	Lower	Upper	
99	100		
42	21.3	16.6	24.8
71	38.9	26.2	39.4

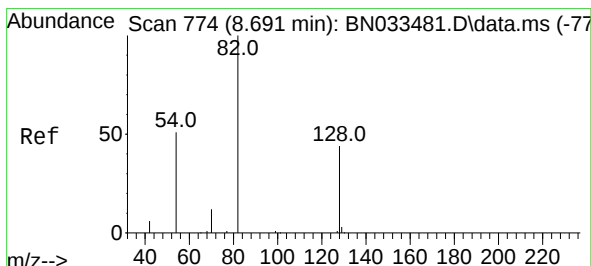
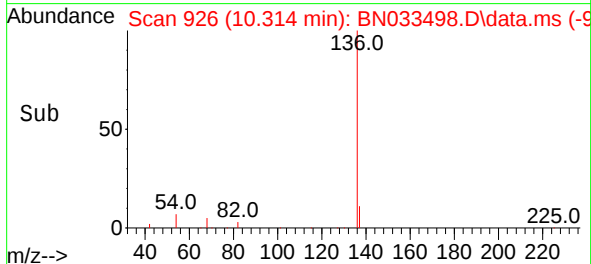
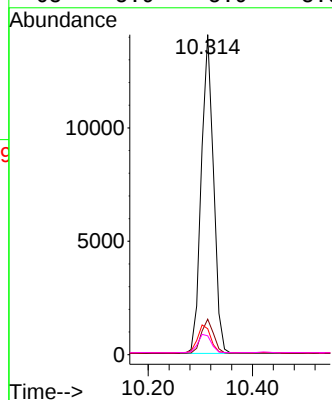
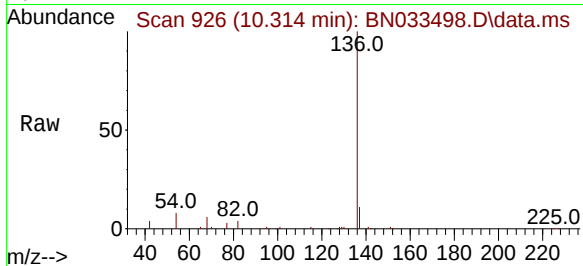




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

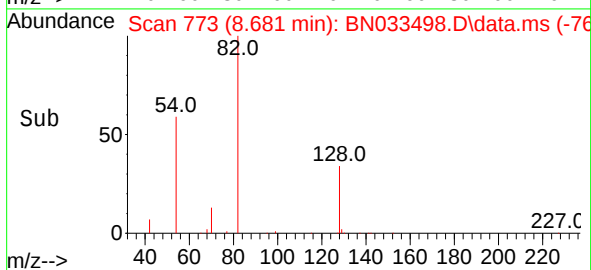
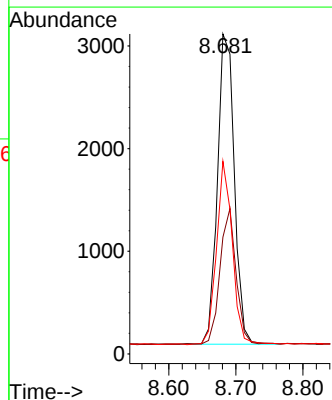
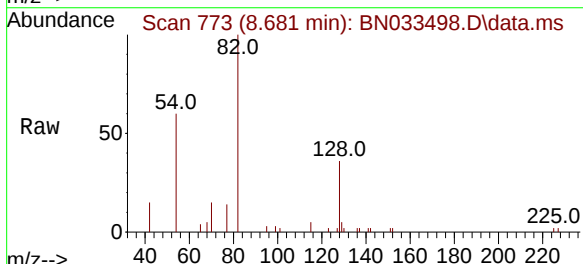
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240814

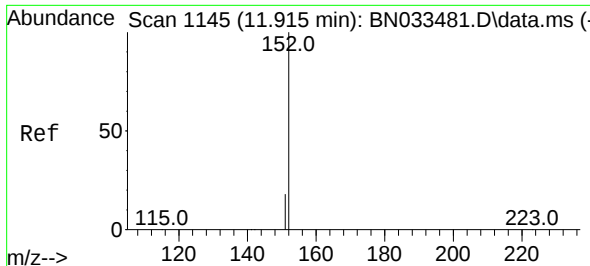
Tgt Ion:	136	Resp:	22913
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	8.1	8.3	12.5#
68	5.9	5.9	8.9#



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Tgt Ion:	82	Resp:	5312
Ion Ratio	Lower	Upper	
82	100		
128	36.5	36.0	54.0
54	60.2	42.0	63.0

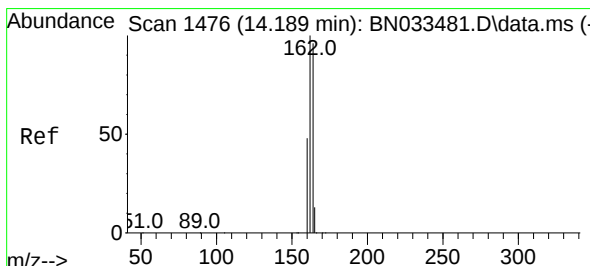
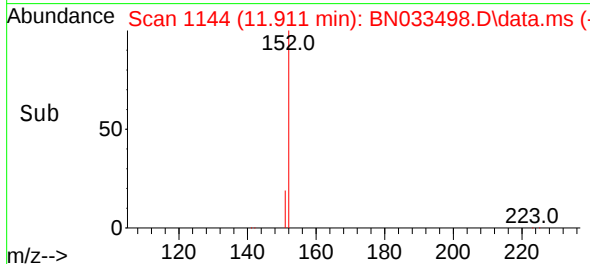
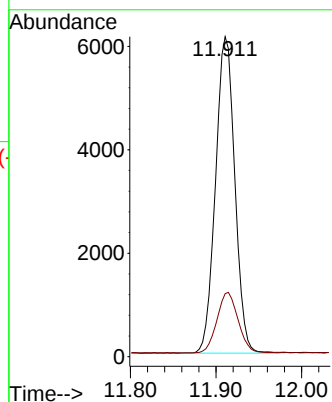
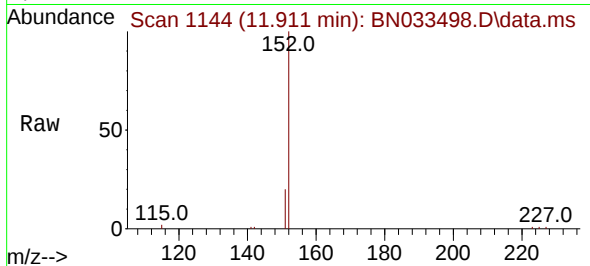




#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 11.911 min Scan# 1145
Delta R.T. -0.004 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

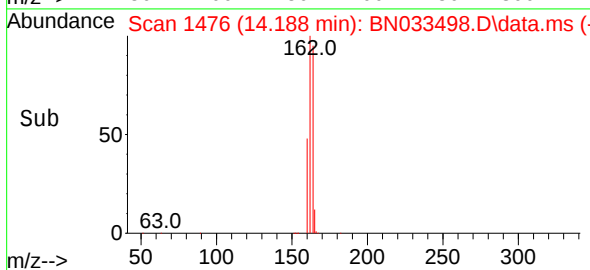
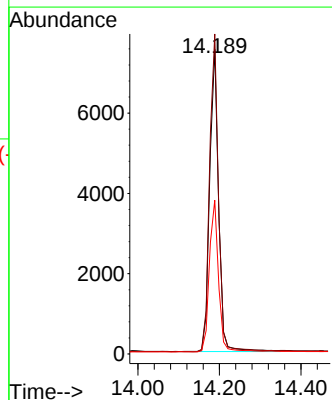
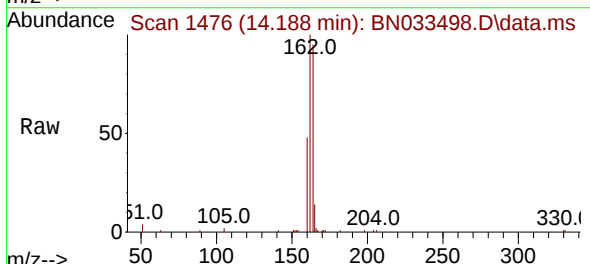
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240814

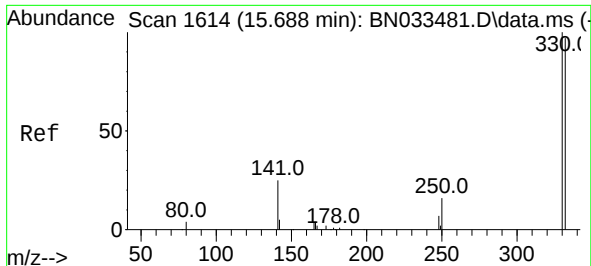
Tgt Ion:152 Resp: 9608
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.188 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

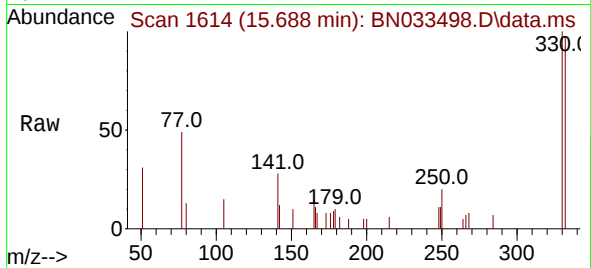
Tgt Ion:164 Resp: 11418
Ion Ratio Lower Upper
164 100
162 105.0 83.5 125.3
160 50.4 40.2 60.4



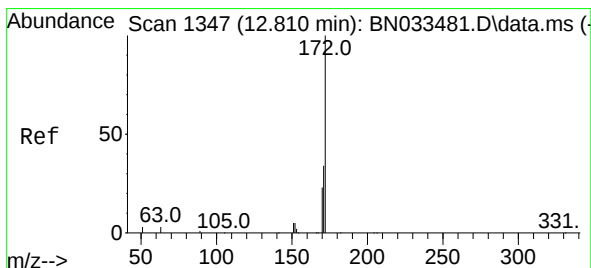
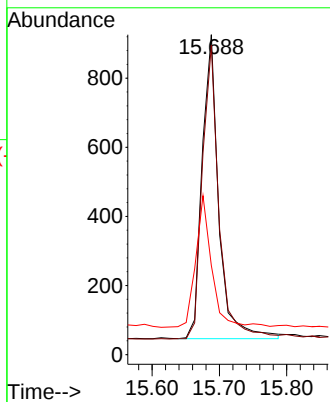
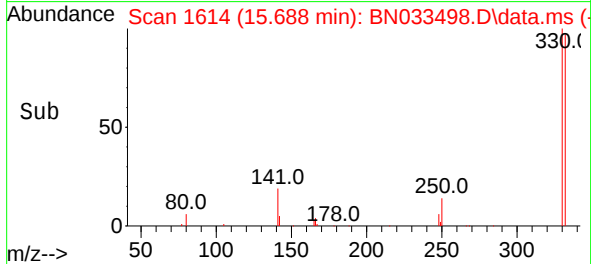


#14
2,4,6-Tribromophenol
Concen: 0.247 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240814

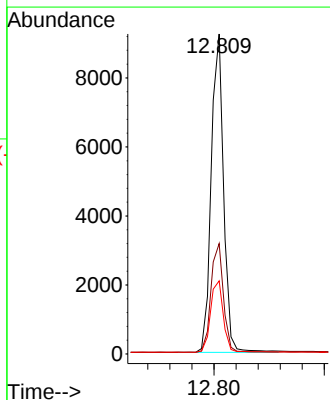
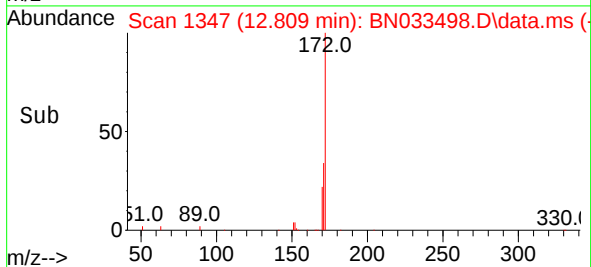
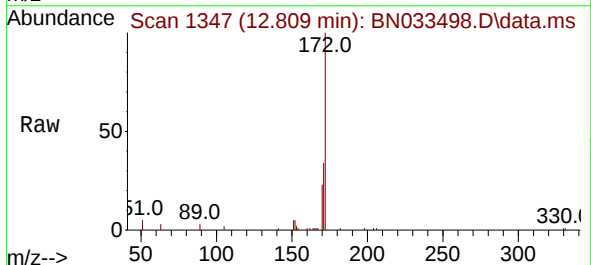


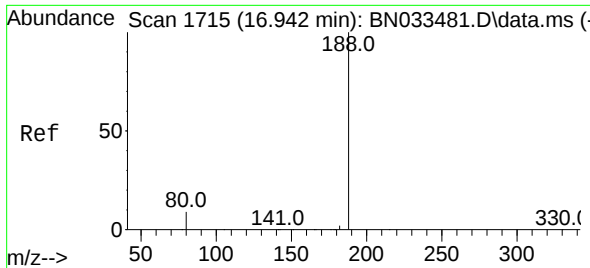
Tgt Ion:330 Resp: 1518
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 41.6 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 12.809 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Tgt Ion:172 Resp: 14383
Ion Ratio Lower Upper
172 100
171 34.5 27.7 41.5
170 22.8 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240814

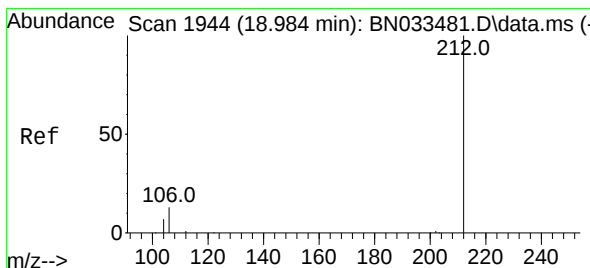
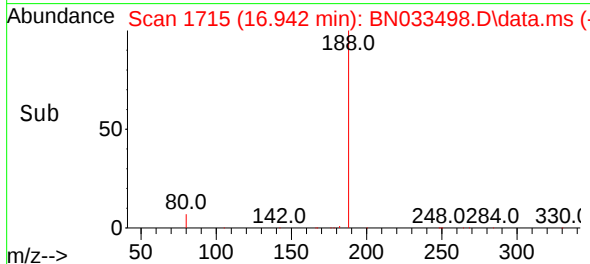
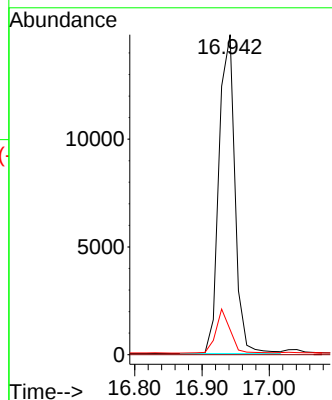
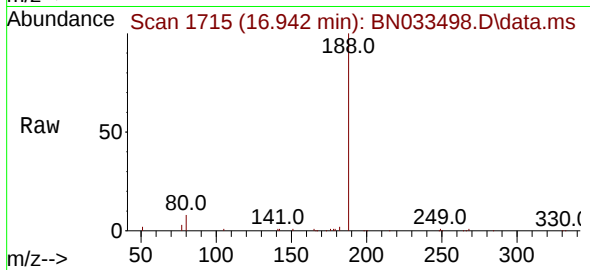
Tgt Ion:188 Resp: 24305

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 7.8 11.8#



#27

Fluoranthene-d10

Concen: 0.363 ng

RT: 18.979 min Scan# 1943

Delta R.T. -0.005 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

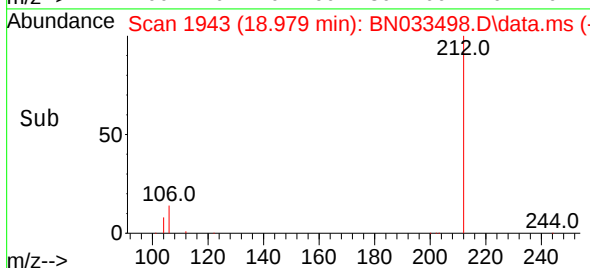
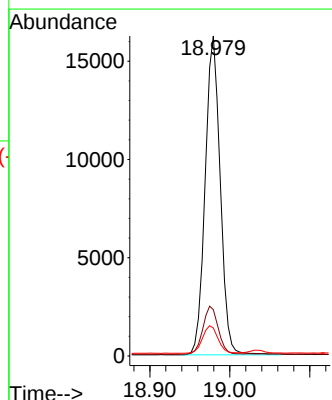
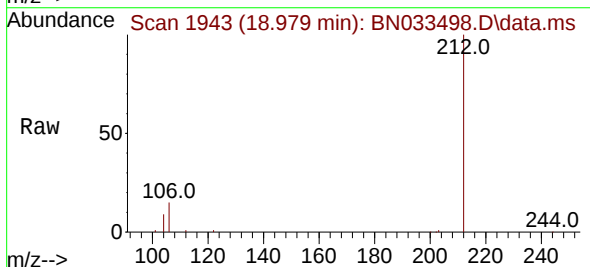
Tgt Ion:212 Resp: 21231

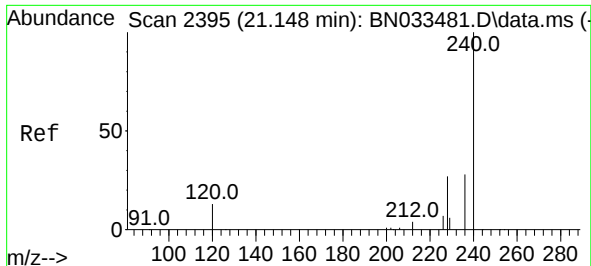
Ion Ratio Lower Upper

212 100

106 15.4 12.3 18.5

104 8.8 7.0 10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.148 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

Instrument :

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ClientSampleId :

RW7-SP302-20240814

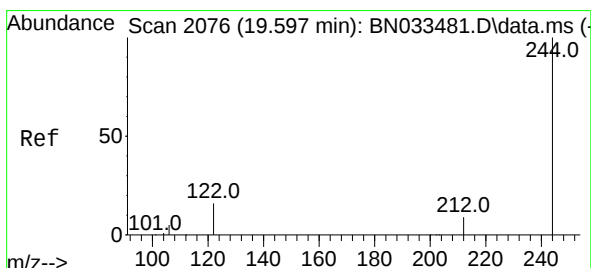
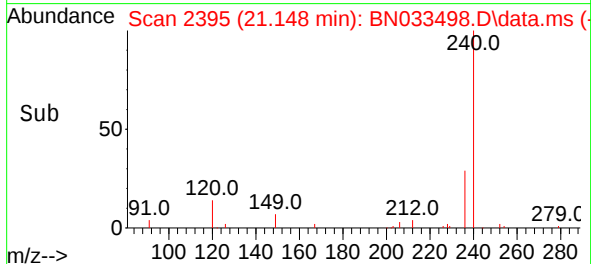
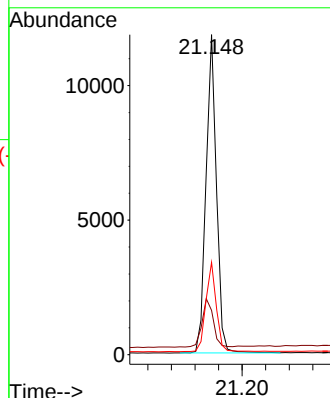
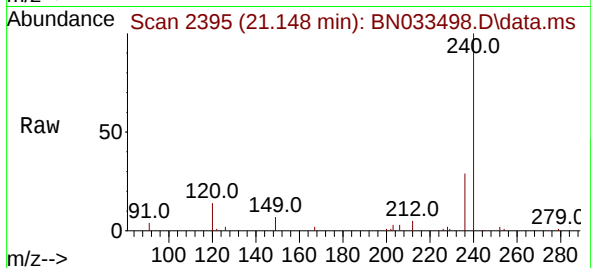
Tgt Ion:240 Resp: 14543

Ion Ratio Lower Upper

240 100

120 13.8 12.4 18.6

236 28.8 23.0 34.6



#31

Terphenyl-d14

Concen: 0.453 ng

RT: 19.593 min Scan# 2075

Delta R.T. -0.005 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

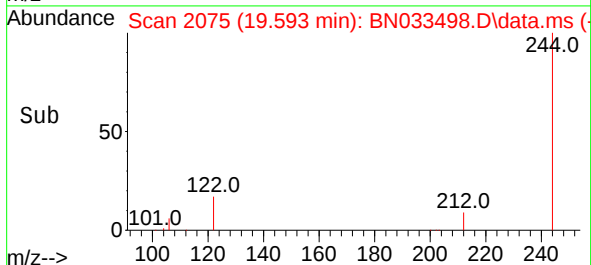
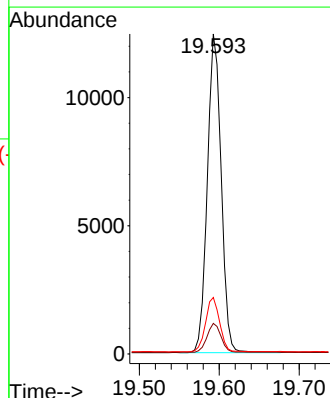
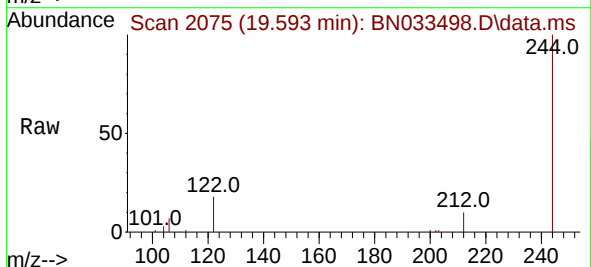
Tgt Ion:244 Resp: 14971

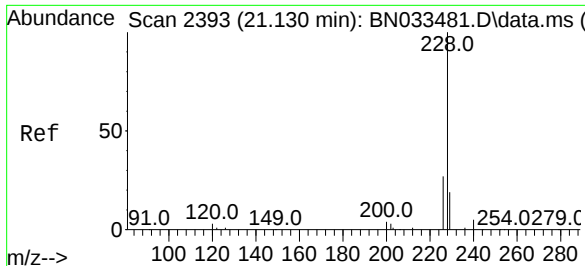
Ion Ratio Lower Upper

244 100

212 9.6 7.8 11.6

122 17.6 13.3 19.9

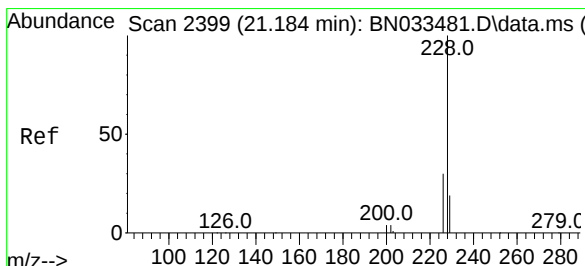
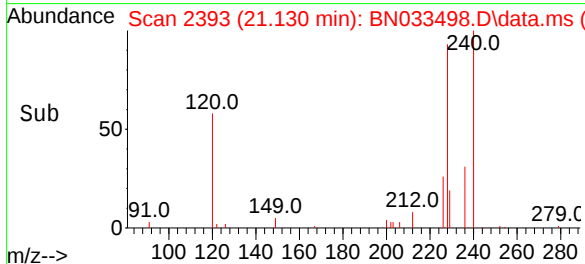
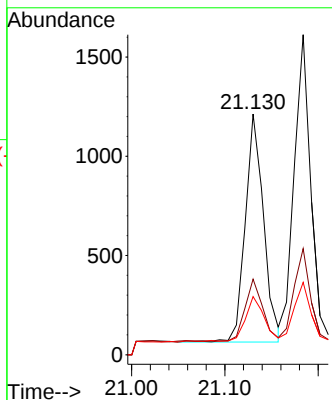
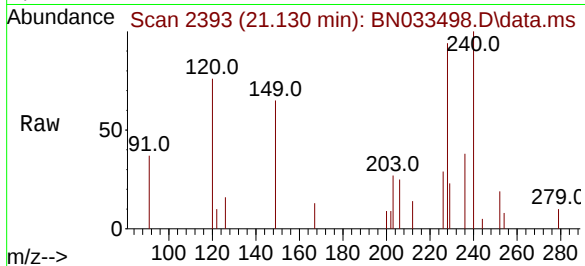




#32
Benzo(a)anthracene
Concen: 0.030 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

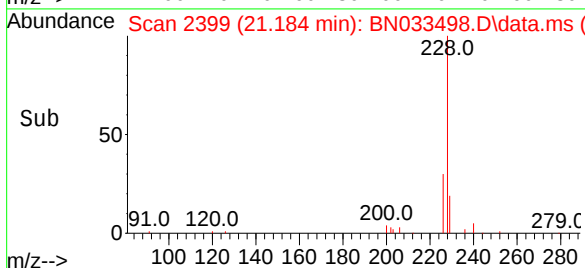
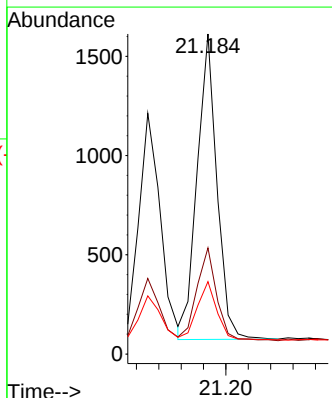
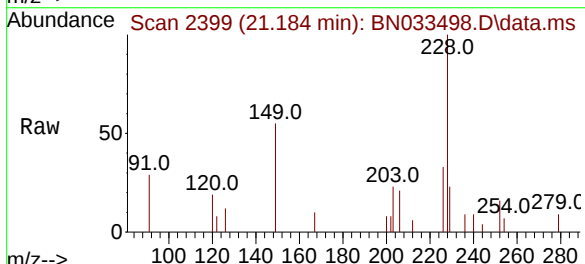
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240814

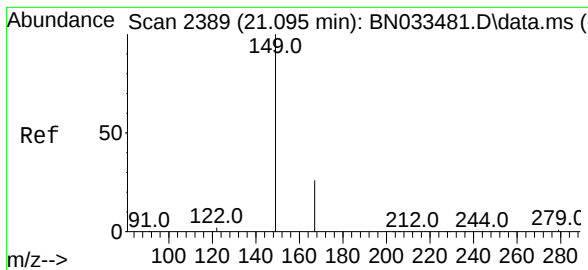
Tgt Ion:228 Resp: 1568
Ion Ratio Lower Upper
228 100
226 31.4 21.8 32.6
229 24.2 15.8 23.6#



#33
Chrysene
Concen: 0.036 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Tgt Ion:228 Resp: 1888
Ion Ratio Lower Upper
228 100
226 33.2 23.8 35.8
229 22.6 15.6 23.4

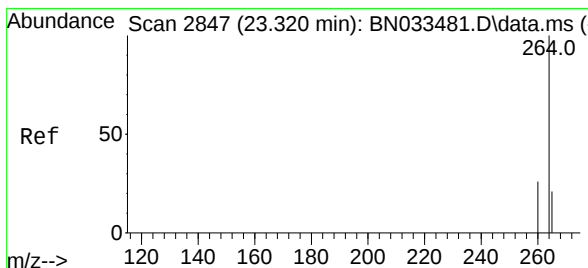
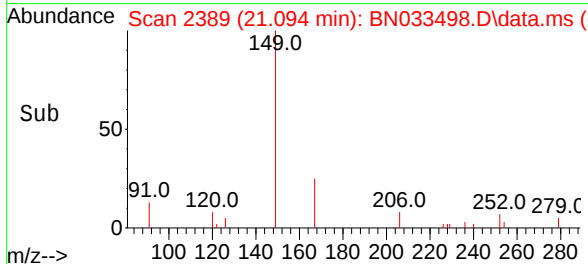
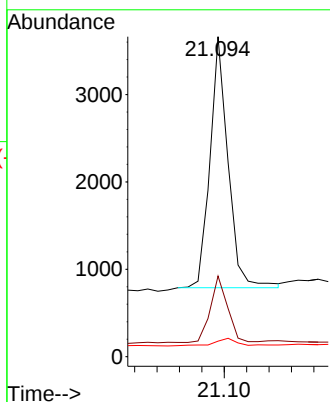
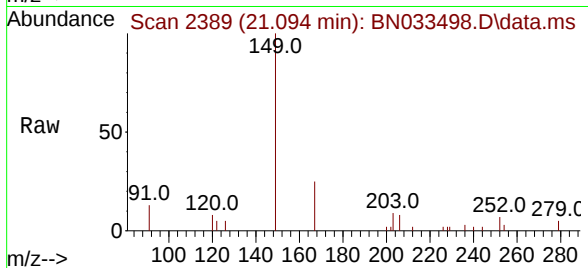




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.094 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: BN033498.D
 Acq: 20 Aug 2024 10:22

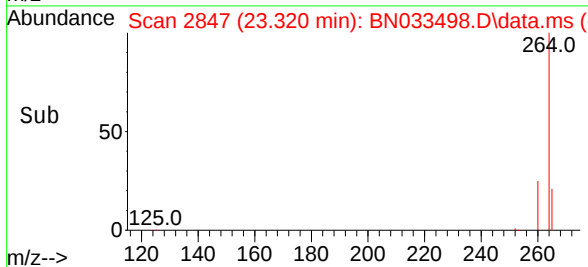
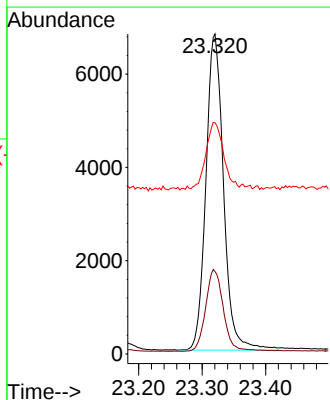
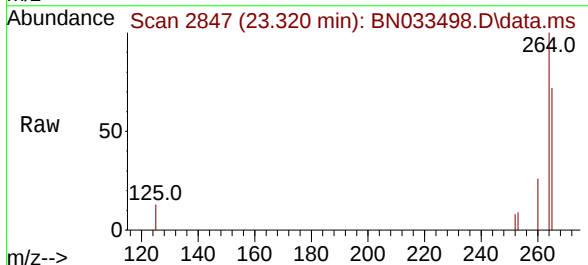
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20240814

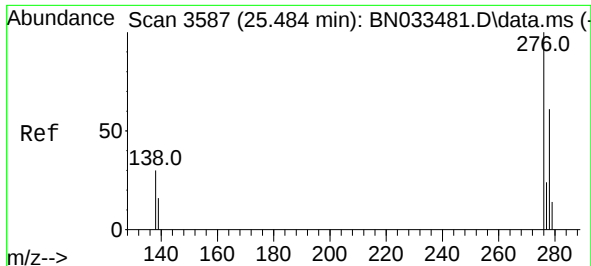
Tgt Ion:	149	Resp:	3212
Ion Ratio	Lower	Upper	
149	100		
167	25.3	21.5	32.3
279	2.6	2.2	3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.320 min Scan# 2847
 Delta R.T. -0.000 min
 Lab File: BN033498.D
 Acq: 20 Aug 2024 10:22

Tgt Ion:	264	Resp:	13065
Ion Ratio	Lower	Upper	
264	100		
260	25.8	20.8	31.2
265	72.2	52.2	78.2





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.030 ng

RT: 25.475 min Scan# 3584

Delta R.T. -0.009 min

Lab File: BN033498.D

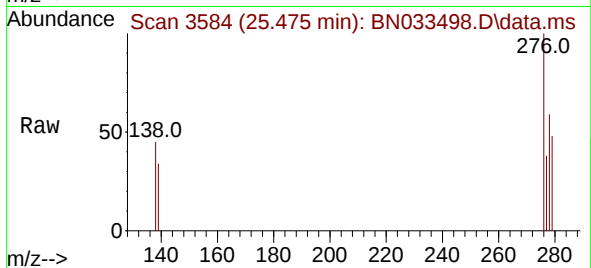
Acq: 20 Aug 2024 10:22

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240814



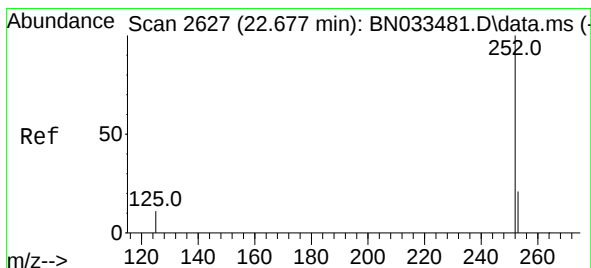
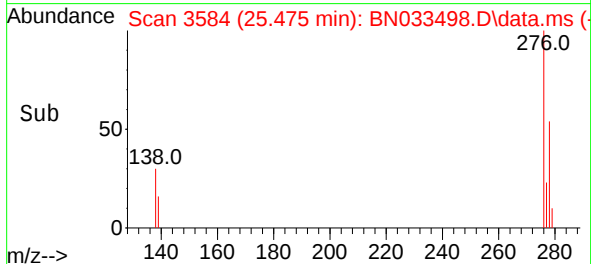
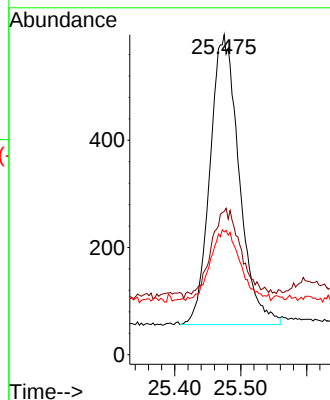
Tgt Ion:276 Resp: 1654

Ion Ratio Lower Upper

276 100

138 30.4 24.4 36.6

277 25.0 19.8 29.6



#37

Benzo(b)fluoranthene

Concen: 0.035 ng

RT: 22.674 min Scan# 2626

Delta R.T. -0.003 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

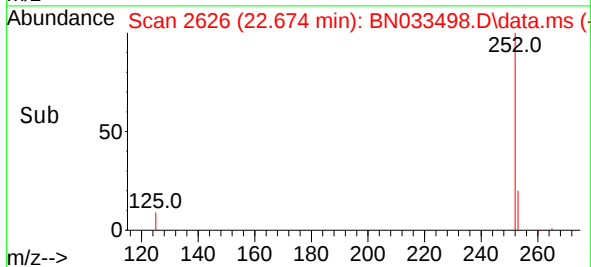
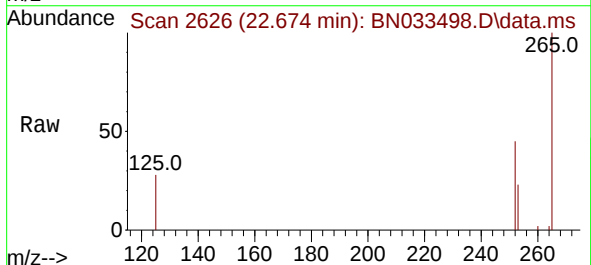
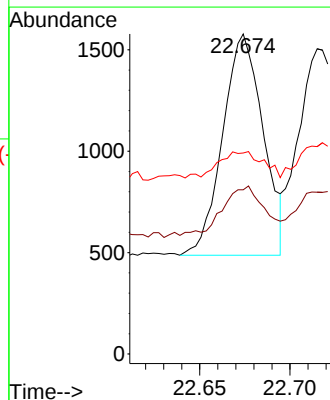
Tgt Ion:252 Resp: 1699

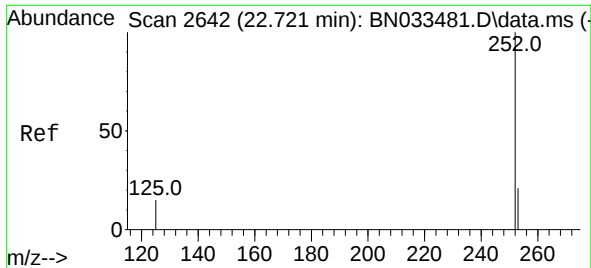
Ion Ratio Lower Upper

252 100

253 51.3 19.8 29.8#

125 62.8 13.9 20.9#





#38

Benzo(k)fluoranthene

Concen: 0.036 ng

RT: 22.715 min Scan# 2640

Delta R.T. -0.006 min

Lab File: BN033498.D

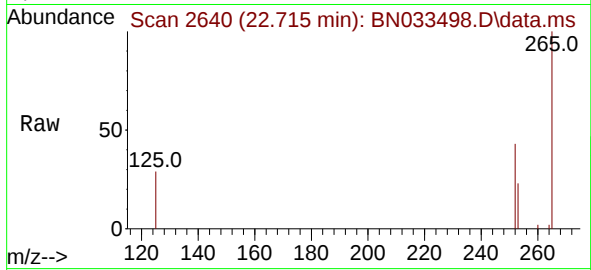
Acq: 20 Aug 2024 10:22

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240814



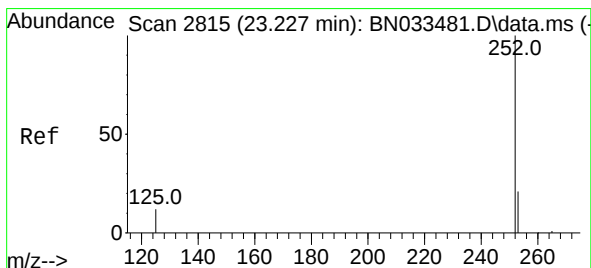
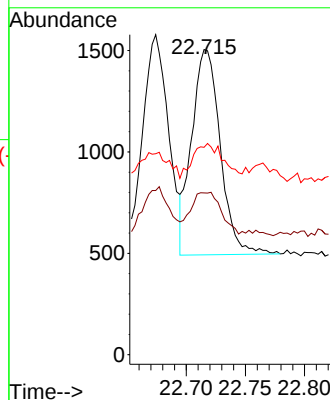
Tgt Ion:252 Resp: 1706

Ion Ratio Lower Upper

252 100

253 53.0 19.8 29.8#

125 68.0 15.8 23.8#



#39

Benzo(a)pyrene

Concen: 0.030 ng

RT: 23.221 min Scan# 2813

Delta R.T. -0.006 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

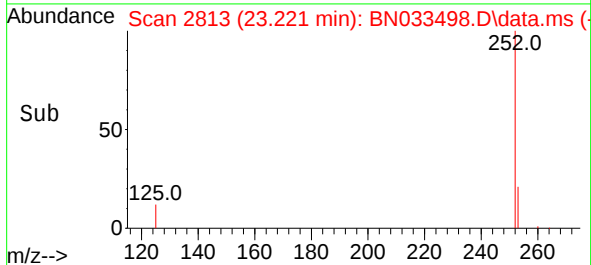
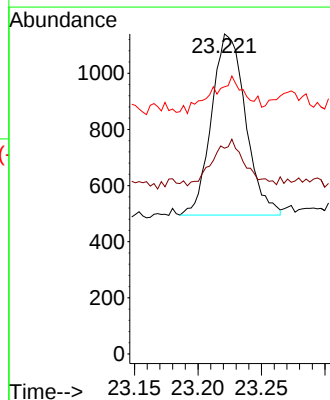
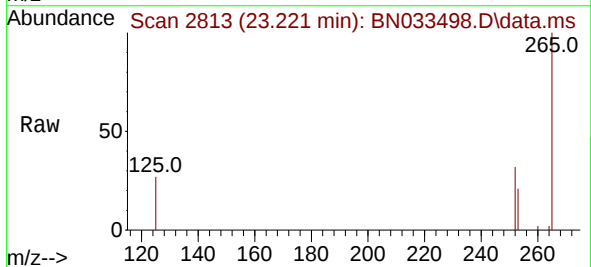
Tgt Ion:252 Resp: 1202

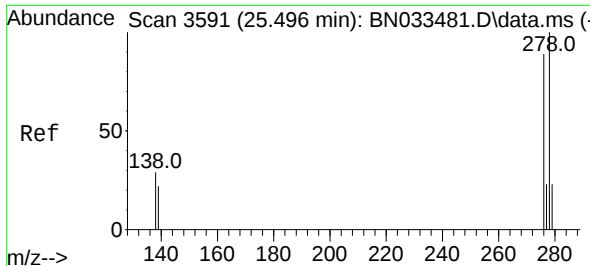
Ion Ratio Lower Upper

252 100

253 64.3 21.5 32.3#

125 83.5 17.0 25.4#

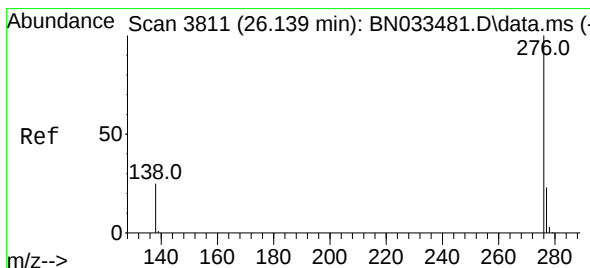
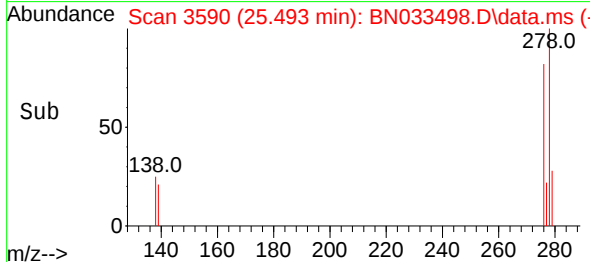
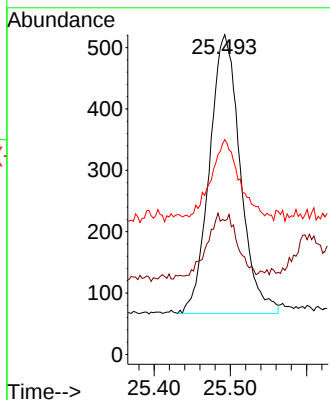
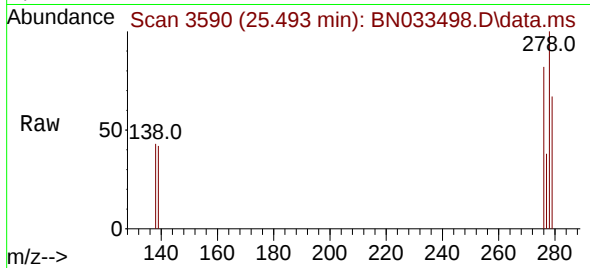




#40
Dibenzo(a,h)anthracene
Concen: 0.029 ng
RT: 25.493 min Scan# 310
Delta R.T. -0.003 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240814

Tgt Ion:278 Resp: 1272
Ion Ratio Lower Upper
278 100
139 41.8 19.1 28.7#
279 67.2 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.029 ng
RT: 26.130 min Scan# 3808
Delta R.T. -0.009 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Tgt Ion:276 Resp: 1346
Ion Ratio Lower Upper
276 100
277 43.2 19.7 29.5#
138 43.0 21.8 32.6#

