

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033490.D
 Acq On : 20 Aug 2024 05:20
 Operator : MA/JU
 Sample : PB162821BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162821BL

Quant Time: Aug 20 06:45:08 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)

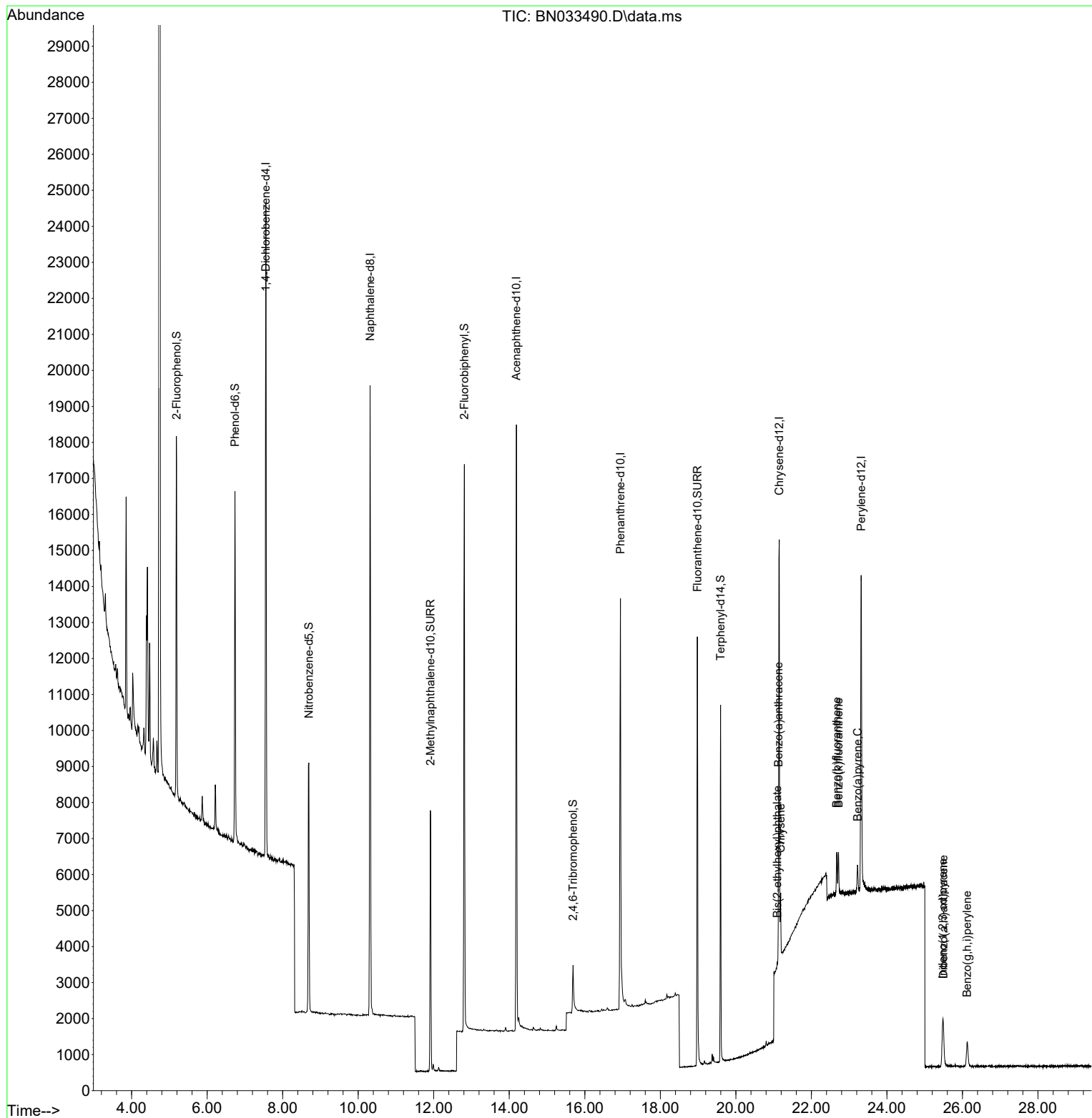
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8454	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	21595	0.400	ng	0.00
13) Acenaphthene-d10	14.189	164	9514	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	18114	0.400	ng	0.00
29) Chrysene-d12	21.148	240	11029	0.400	ng	0.00
35) Perylene-d12	23.317	264	11535	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	7329	0.273	ng	0.00
5) Phenol-d6	6.736	99	8420	0.263	ng	0.00
8) Nitrobenzene-d5	8.691	82	5820	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	11.911	152	9891	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	999	0.195	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	13954	0.359	ng	0.00
27) Fluoranthene-d10	18.980	212	13482	0.310	ng	0.00
31) Terphenyl-d14	19.593	244	8987	0.359	ng	0.00
Target Compounds						
						Qvalue
32) Benzo(a)anthracene	21.130	228	1109	0.028	ng	# 91
33) Chrysene	21.184	228	1356	0.034	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.095	149	603	0.024	ng	# 52
36) Indeno(1,2,3-cd)pyrene	25.475	276	1675	0.035	ng	# 98
37) Benzo(b)fluoranthene	22.671	252	1443	0.033	ng	# 10
38) Benzo(k)fluoranthene	22.715	252	1335	0.031	ng	# 15
39) Benzo(a)pyrene	23.224	252	1099	0.031	ng	# 1
40) Dibenzo(a,h)anthracene	25.493	278	1325	0.035	ng	# 48
41) Benzo(g,h,i)perylene	26.124	276	1395	0.034	ng	# 70

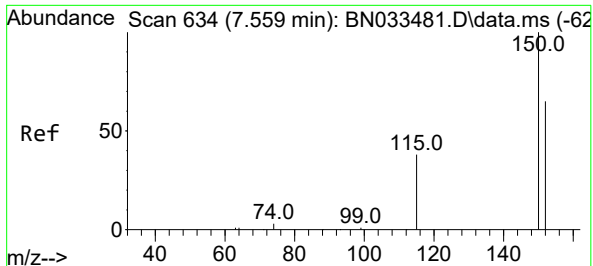
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
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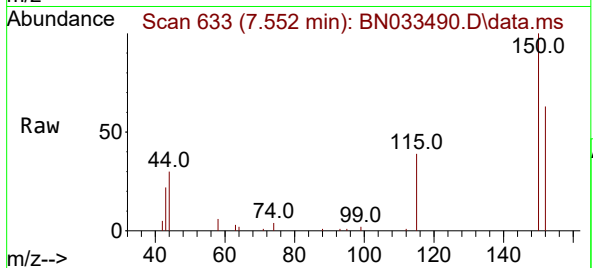
Quant Time: Aug 20 06:45:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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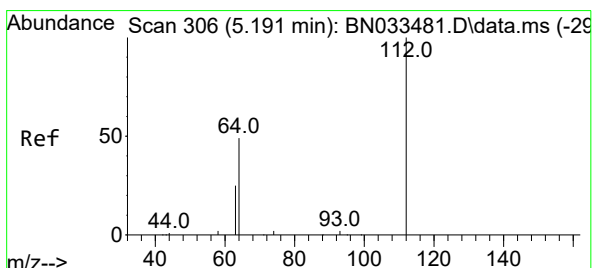
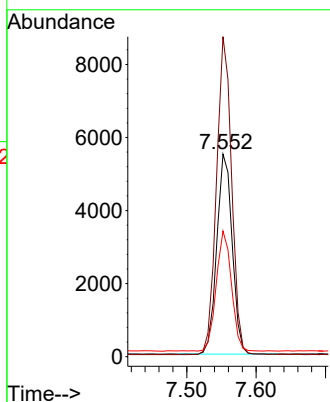
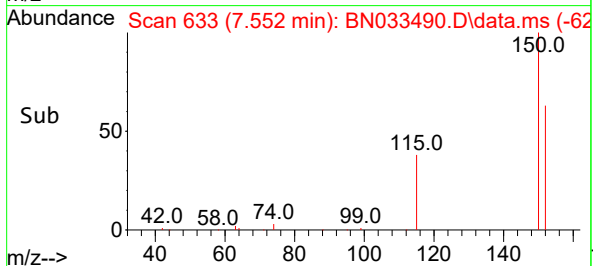


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033490.D
Acq: 20 Aug 2024 05:20

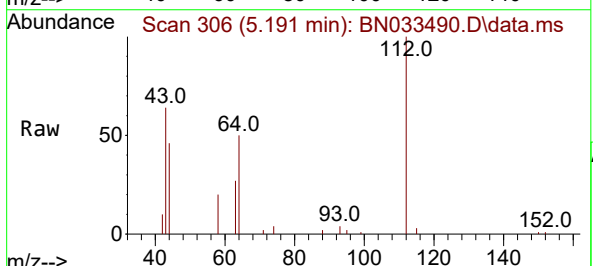
Instrument :
BNA_N
ClientSampleId :
PB162821BL



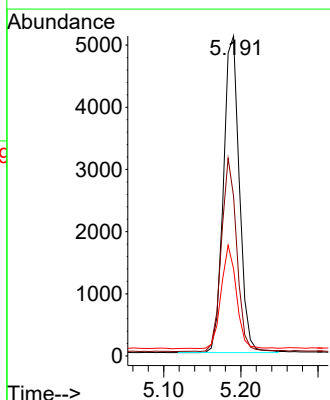
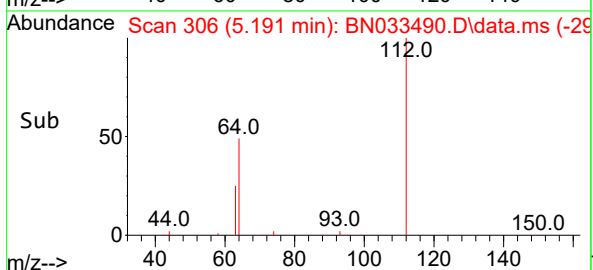
Tgt Ion:152 Resp: 8454
Ion Ratio Lower Upper
152 100
150 158.0 122.2 183.2
115 62.0 47.2 70.8

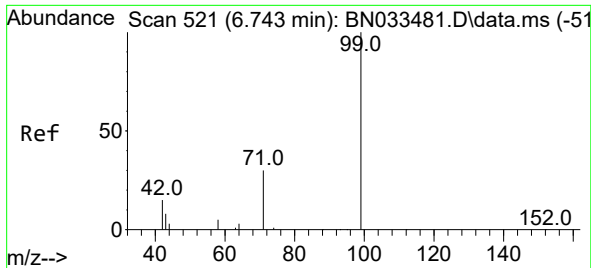


#4
2-Fluorophenol
Concen: 0.273 ng
RT: 5.191 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN033490.D
Acq: 20 Aug 2024 05:20



Tgt Ion:112 Resp: 7329
Ion Ratio Lower Upper
112 100
64 58.6 47.1 70.7
63 30.9 24.9 37.3

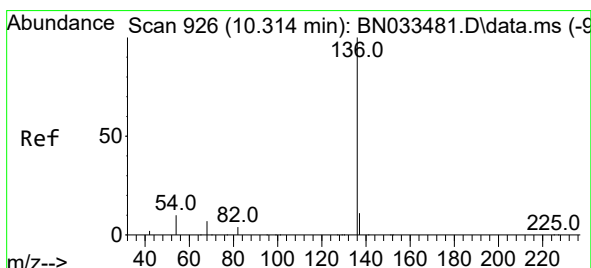
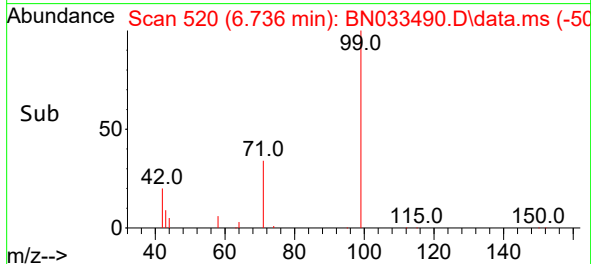
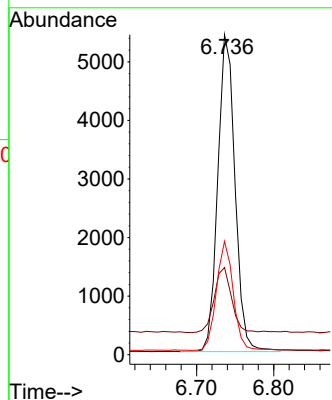
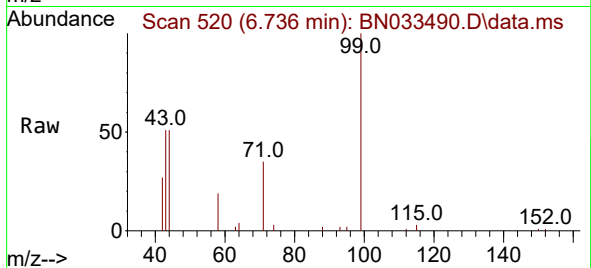




#5
Phenol-d6
Concen: 0.263 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033490.D
Acq: 20 Aug 2024 05:20

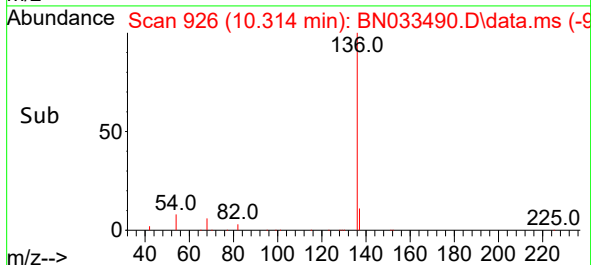
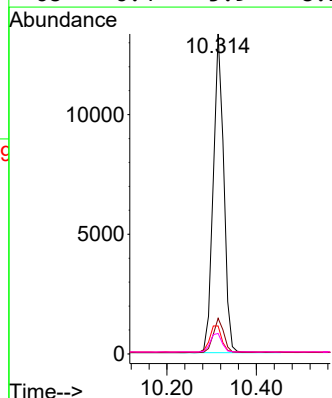
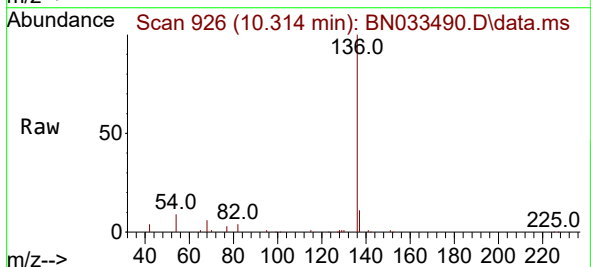
Instrument :
BNA_N
ClientSampleId :
PB162821BL

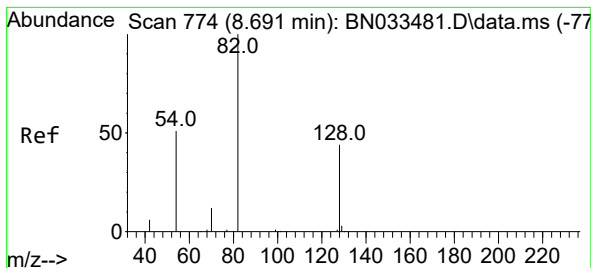
Tgt Ion: 99 Resp: 8420
Ion Ratio Lower Upper
99 100
42 20.9 16.6 24.8
71 33.6 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. 0.000 min
Lab File: BN033490.D
Acq: 20 Aug 2024 05:20

Tgt Ion: 136 Resp: 21595
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.8 8.3 12.5
68 6.4 5.9 8.9





#8

Nitrobenzene-d5

Concen: 0.325 ng

RT: 8.691 min Scan# 71

Delta R.T. 0.000 min

Lab File: BN033490.D

Acq: 20 Aug 2024 05:20

Instrument :

BNA_N

ClientSampleId :

PB162821BL

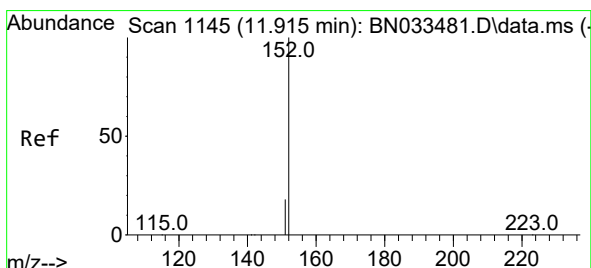
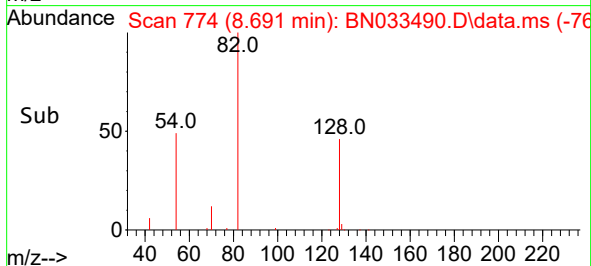
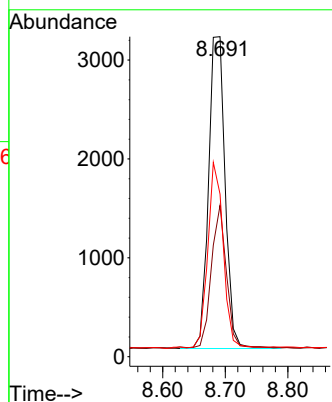
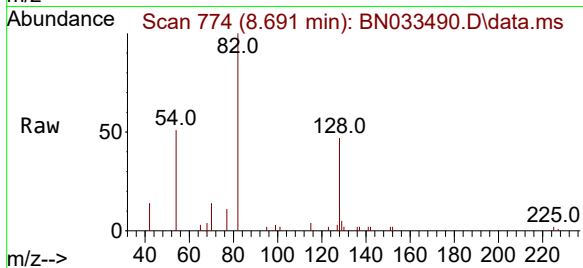
Tgt Ion: 82 Resp: 5820

Ion Ratio Lower Upper

82 100

128 47.3 36.0 54.0

54 50.8 42.0 63.0



#11

2-Methylnaphthalene-d10

Concen: 0.320 ng

RT: 11.911 min Scan# 1144

Delta R.T. -0.004 min

Lab File: BN033490.D

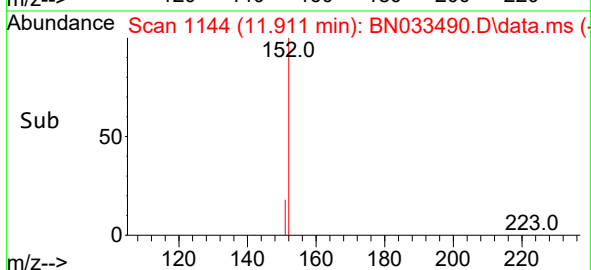
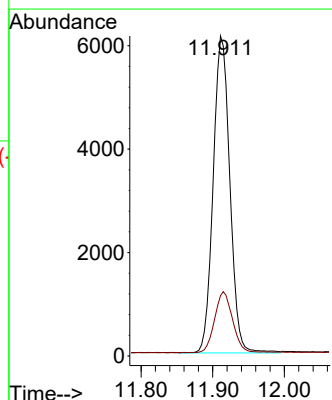
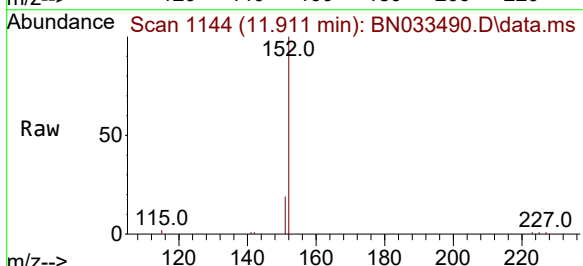
Acq: 20 Aug 2024 05:20

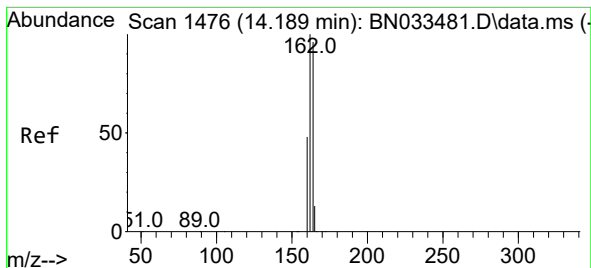
Tgt Ion: 152 Resp: 9891

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.189 min Scan# 1476

Delta R.T. 0.000 min

Lab File: BN033490.D

Acq: 20 Aug 2024 05:20

Instrument :

BNA_N

ClientSampleId :

PB162821BL

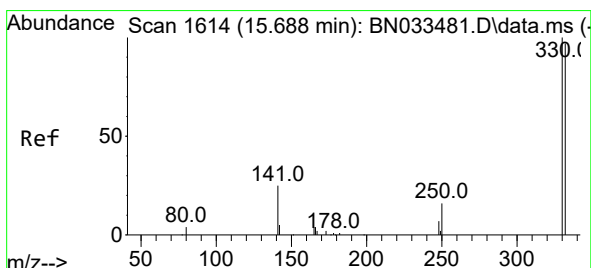
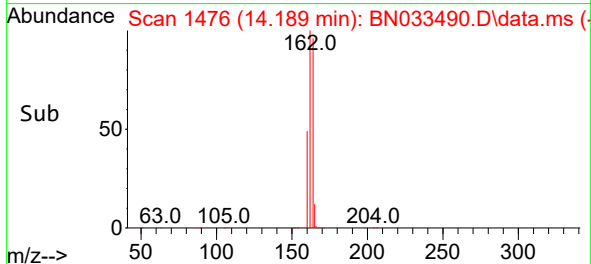
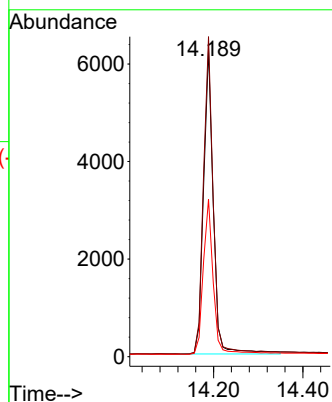
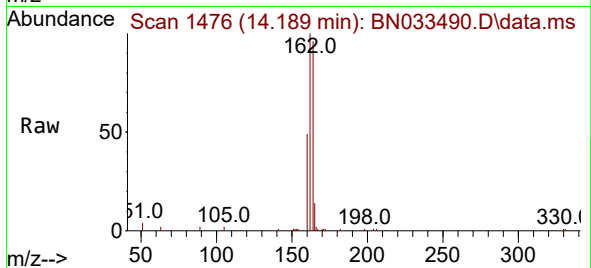
Tgt Ion:164 Resp: 9514

Ion Ratio Lower Upper

164 100

162 104.1 83.5 125.3

160 51.2 40.2 60.4



#14

2,4,6-Tribromophenol

Concen: 0.195 ng

RT: 15.688 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BN033490.D

Acq: 20 Aug 2024 05:20

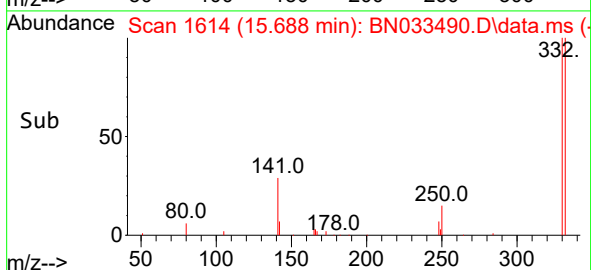
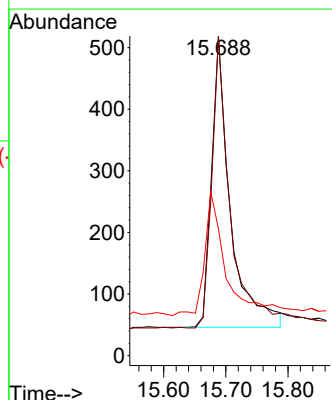
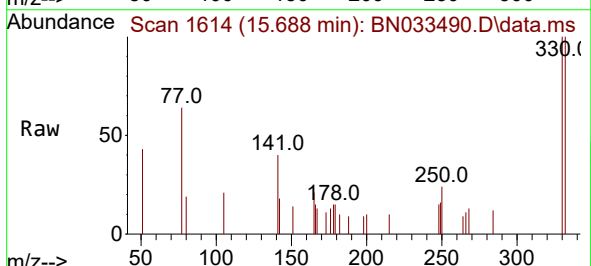
Tgt Ion:330 Resp: 999

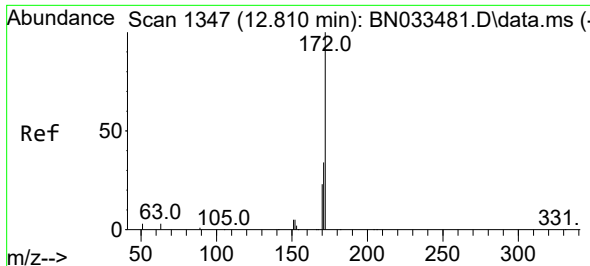
Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 47.7 33.9 50.9

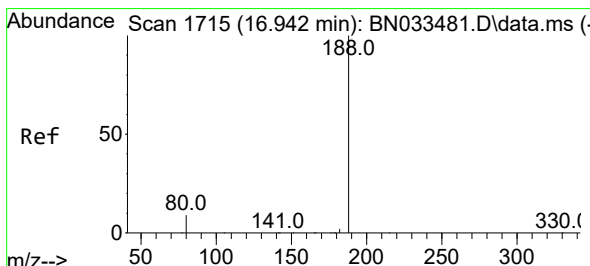
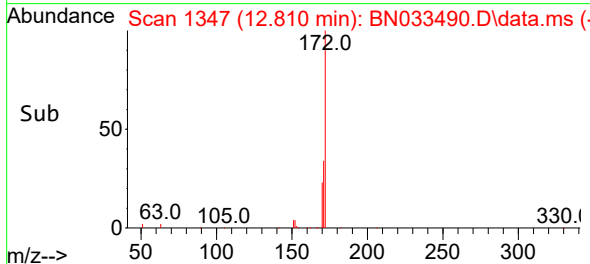
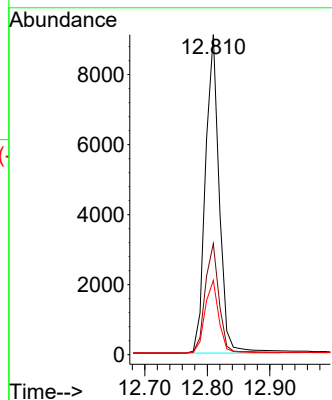
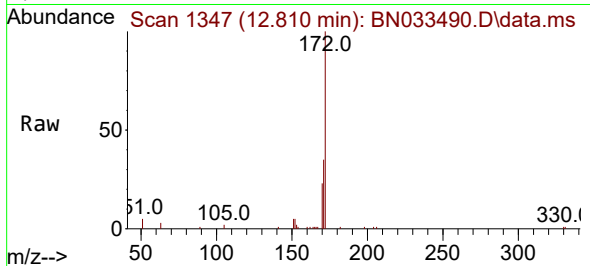




#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.810 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN033490.D
Acq: 20 Aug 2024 05:20

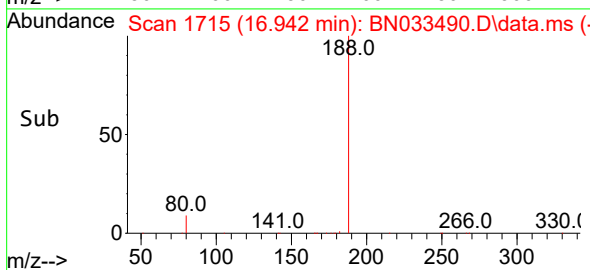
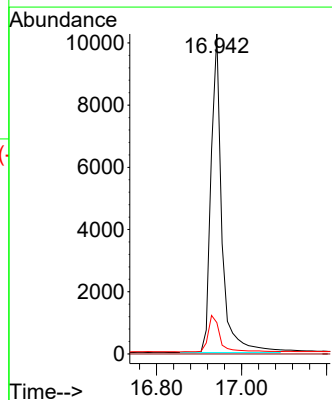
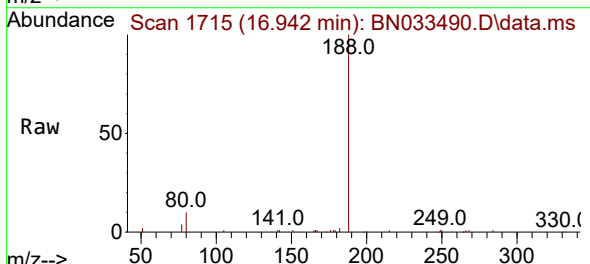
Instrument :
BNA_N
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PB162821BL

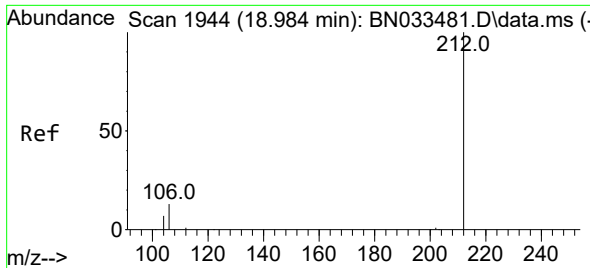
Tgt Ion:172 Resp: 13954
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 23.2 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN033490.D
Acq: 20 Aug 2024 05:20

Tgt Ion:188 Resp: 18114
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 7.8 11.8

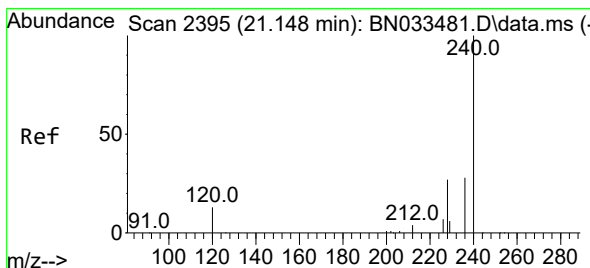
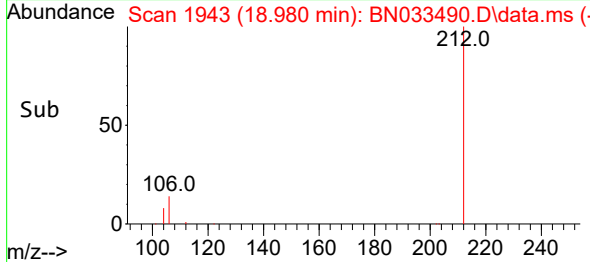
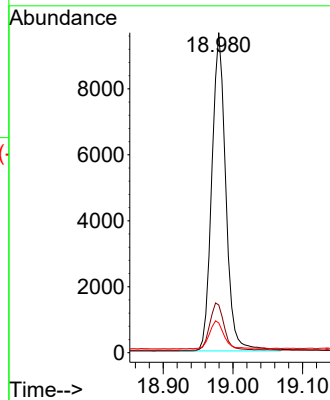
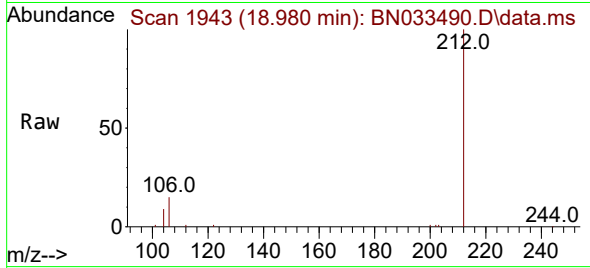




#27
Fluoranthene-d10
Concen: 0.310 ng
RT: 18.980 min Scan# 1944
Delta R.T. -0.005 min
Lab File: BN033490.D
Acq: 20 Aug 2024 05:20

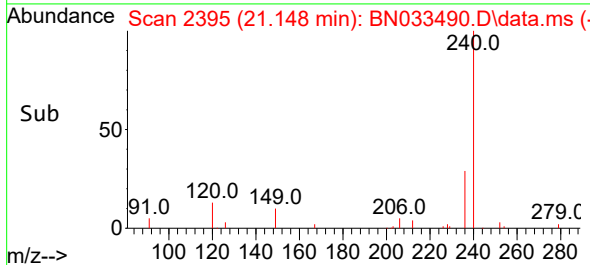
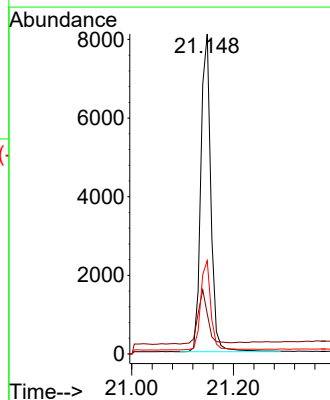
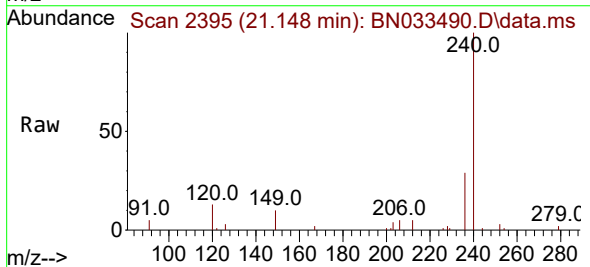
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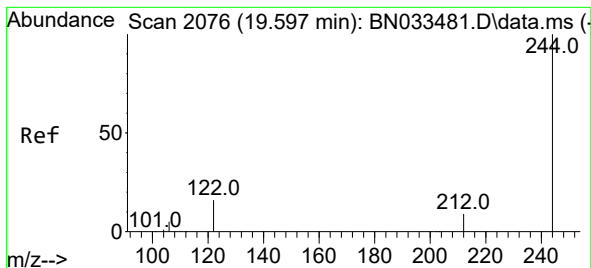
Tgt Ion:212 Resp: 13482
Ion Ratio Lower Upper
212 100
106 15.4 12.3 18.5
104 9.0 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN033490.D
Acq: 20 Aug 2024 05:20

Tgt Ion:240 Resp: 11029
Ion Ratio Lower Upper
240 100
120 12.5 12.4 18.6
236 29.2 23.0 34.6





#31

Terphenyl-d14

Concen: 0.359 ng

RT: 19.593 min Scan# 2076

Delta R.T. -0.005 min

Lab File: BN033490.D

Acq: 20 Aug 2024 05:20

Instrument :

BNA_N

ClientSampleId :

PB162821BL

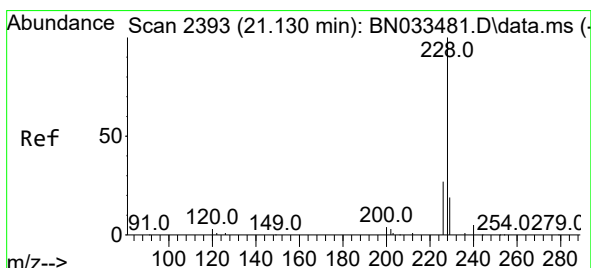
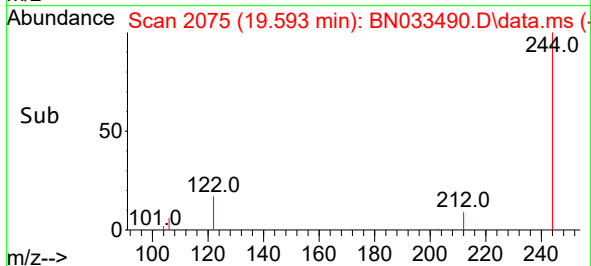
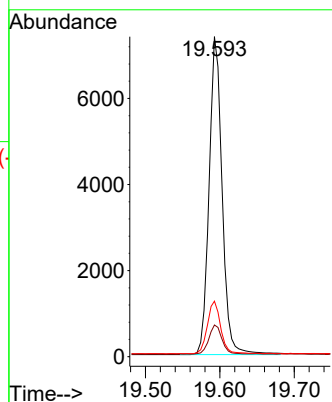
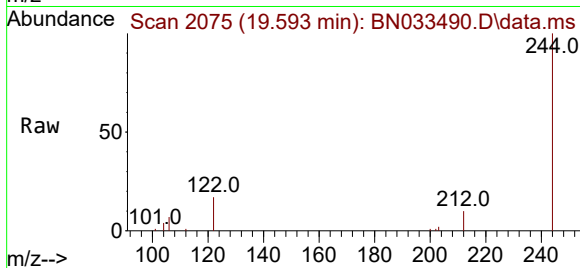
Tgt Ion:244 Resp: 8987

Ion Ratio Lower Upper

244 100

212 9.9 7.8 11.6

122 17.4 13.3 19.9



#32

Benzo(a)anthracene

Concen: 0.028 ng

RT: 21.130 min Scan# 2393

Delta R.T. 0.000 min

Lab File: BN033490.D

Acq: 20 Aug 2024 05:20

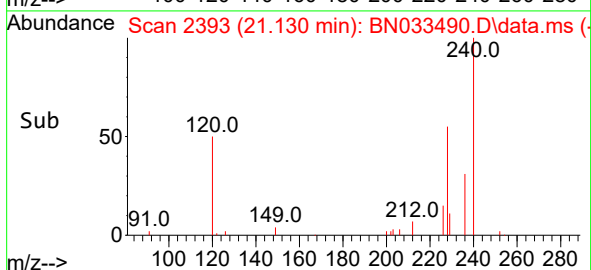
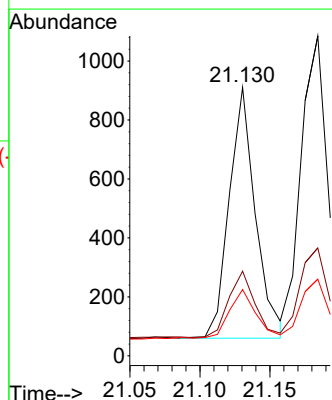
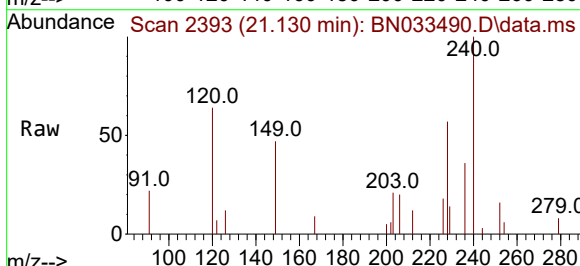
Tgt Ion:228 Resp: 1109

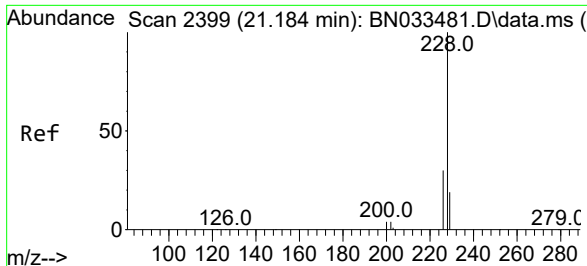
Ion Ratio Lower Upper

228 100

226 31.5 21.8 32.6

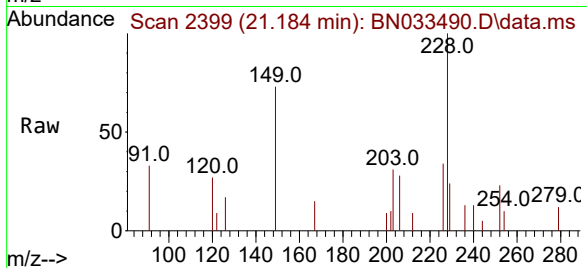
229 24.7 15.8 23.6#



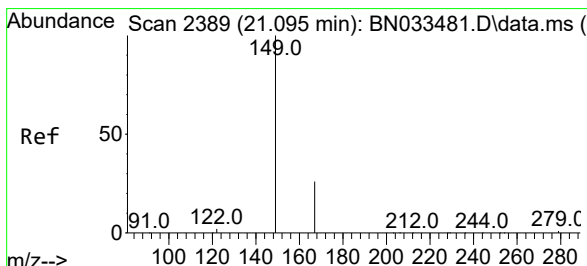
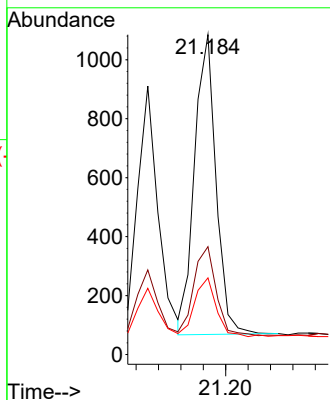
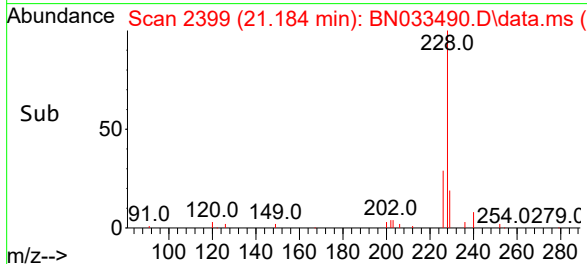


#33
Chrysene
Concen: 0.034 ng
RT: 21.184 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN033490.D
Acq: 20 Aug 2024 05:20

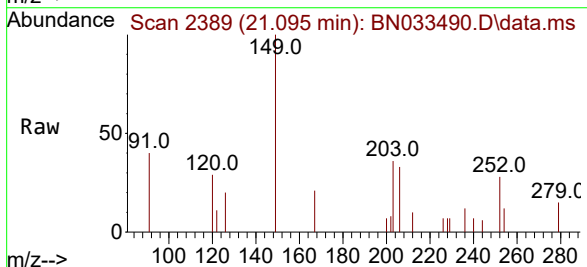
Instrument :
BNA_N
ClientSampleId :
PB162821BL



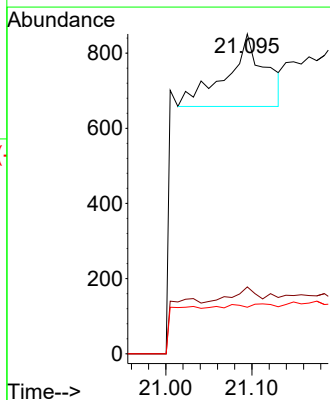
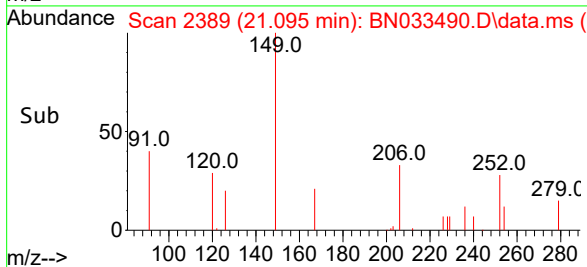
Tgt Ion:228 Resp: 1356
Ion Ratio Lower Upper
228 100
226 33.7 23.8 35.8
229 24.0 15.6 23.4#

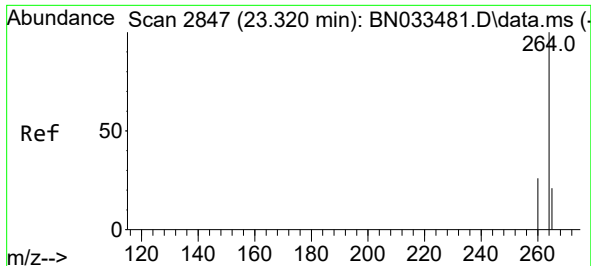


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.024 ng
RT: 21.095 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN033490.D
Acq: 20 Aug 2024 05:20



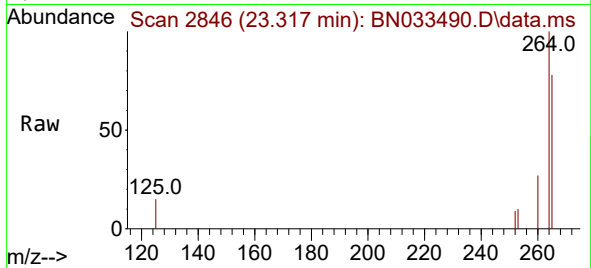
Tgt Ion:149 Resp: 603
Ion Ratio Lower Upper
149 100
167 0.0 21.5 32.3#
279 0.0 2.2 3.2#



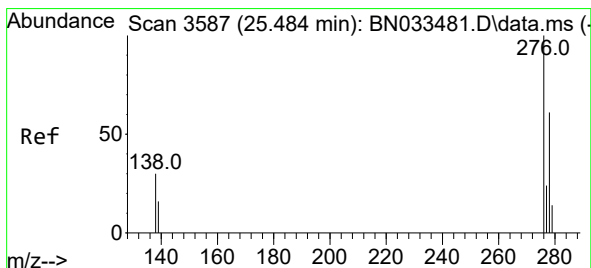
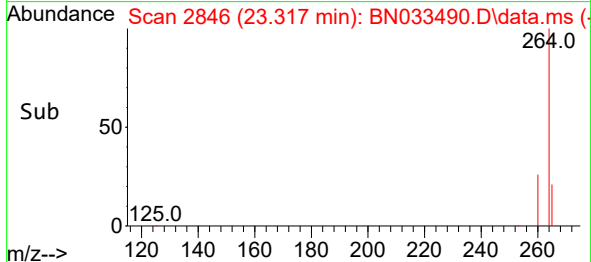
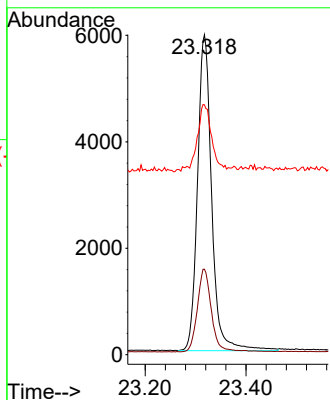


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.317 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN033490.D
Acq: 20 Aug 2024 05:20

Instrument :
BNA_N
ClientSampleId :
PB162821BL

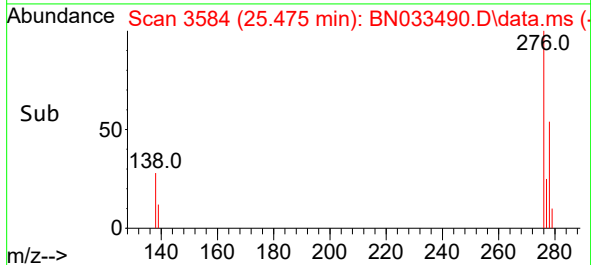
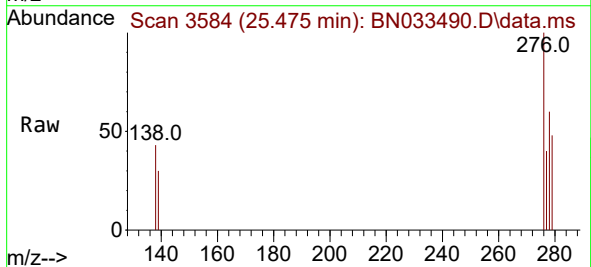
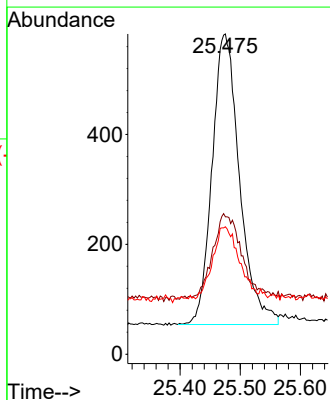


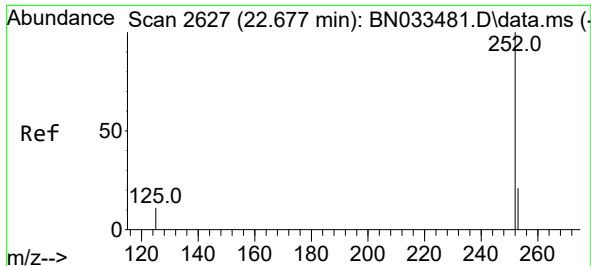
Tgt Ion:264 Resp: 11535
Ion Ratio Lower Upper
264 100
260 26.7 20.8 31.2
265 78.1 52.2 78.2



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng
RT: 25.475 min Scan# 3584
Delta R.T. -0.009 min
Lab File: BN033490.D
Acq: 20 Aug 2024 05:20

Tgt Ion:276 Resp: 1675
Ion Ratio Lower Upper
276 100
138 29.5 24.4 36.6
277 23.6 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.033 ng

RT: 22.671 min Scan# 2625

Delta R.T. -0.006 min

Lab File: BN033490.D

Acq: 20 Aug 2024 05:20

Instrument :

BNA_N

ClientSampleId :

PB162821BL

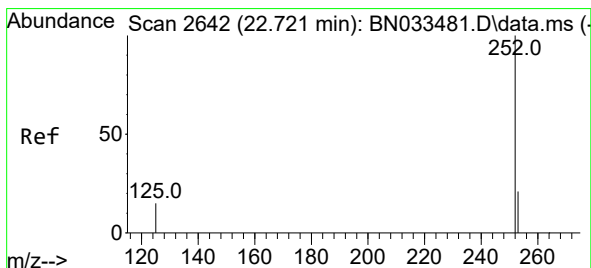
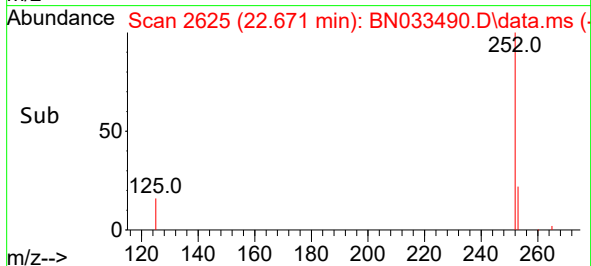
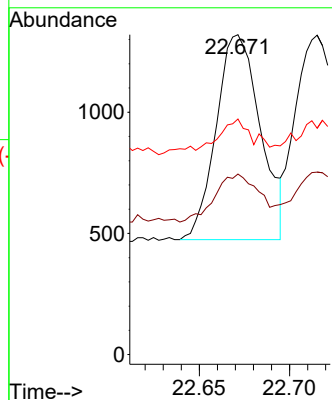
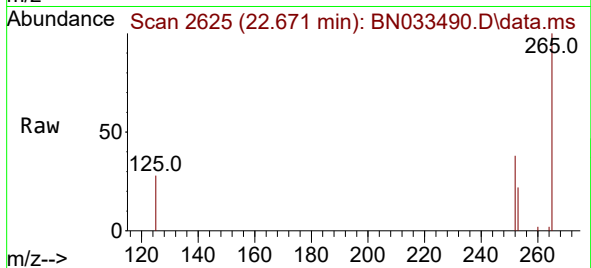
Tgt Ion:252 Resp: 1443

Ion Ratio Lower Upper

252 100

253 56.4 19.8 29.8#

125 73.6 13.9 20.9#



#38

Benzo(k)fluoranthene

Concen: 0.031 ng

RT: 22.715 min Scan# 2640

Delta R.T. -0.006 min

Lab File: BN033490.D

Acq: 20 Aug 2024 05:20

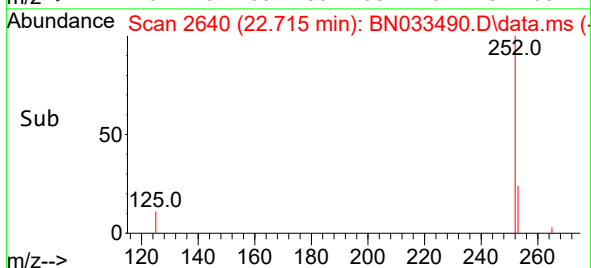
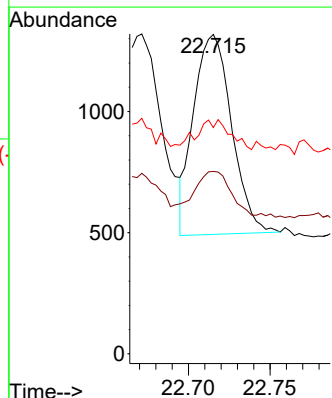
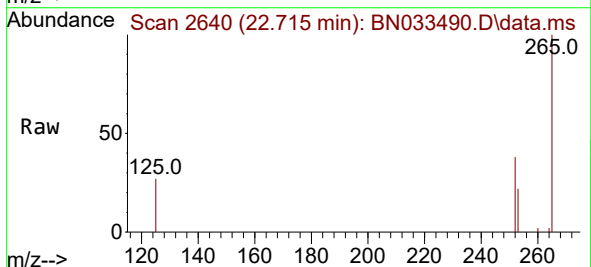
Tgt Ion:252 Resp: 1335

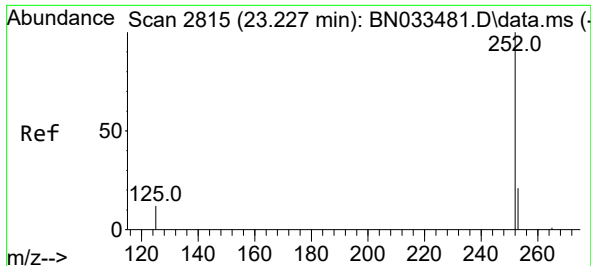
Ion Ratio Lower Upper

252 100

253 57.1 19.8 29.8#

125 70.9 15.8 23.8#





#39

Benzo(a)pyrene

Concen: 0.031 ng

RT: 23.224 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033490.D

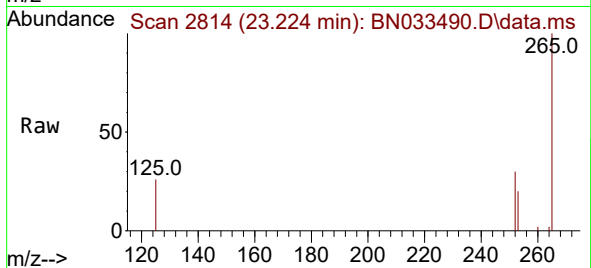
Acq: 20 Aug 2024 05:20

Instrument :

BNA_N

ClientSampleId :

PB162821BL



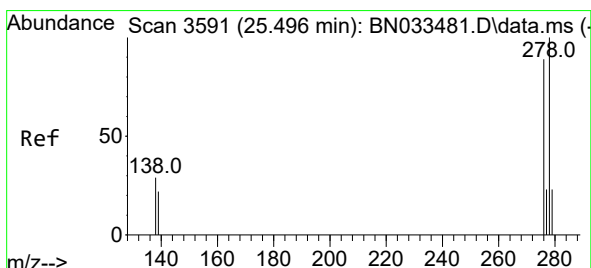
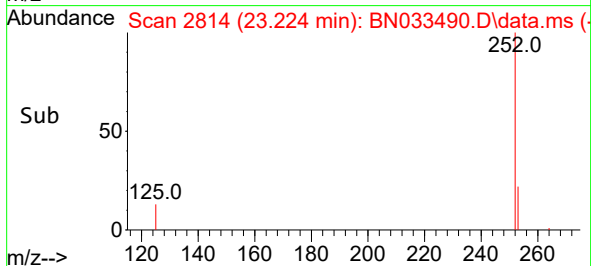
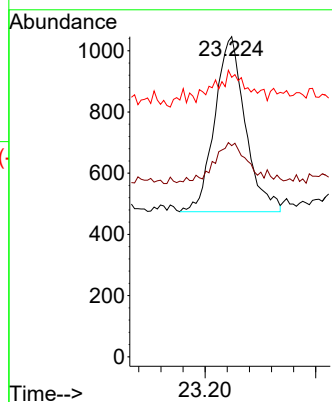
Tgt Ion:252 Resp: 1099

Ion Ratio Lower Upper

252 100

253 66.0 21.5 32.3#

125 87.3 17.0 25.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.035 ng

RT: 25.493 min Scan# 3590

Delta R.T. -0.003 min

Lab File: BN033490.D

Acq: 20 Aug 2024 05:20

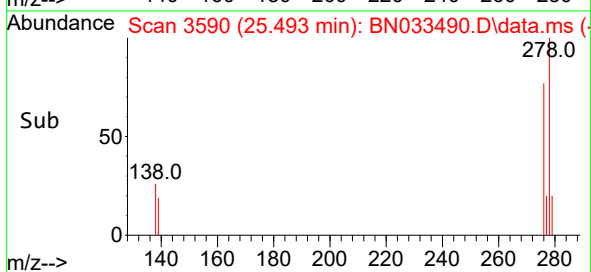
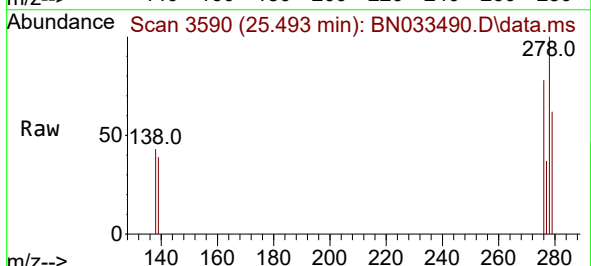
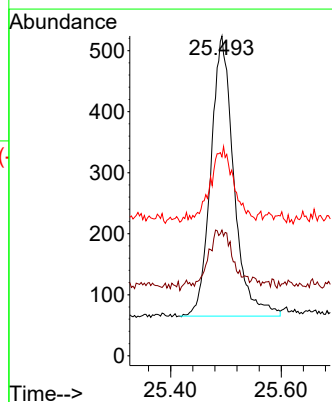
Tgt Ion:278 Resp: 1325

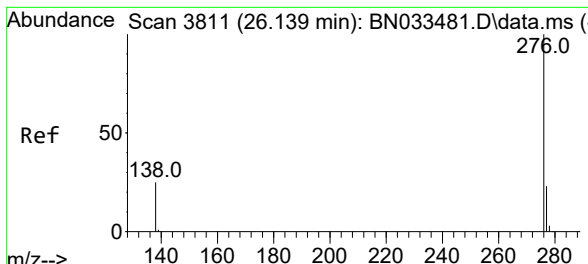
Ion Ratio Lower Upper

278 100

139 39.3 19.1 28.7#

279 62.2 21.0 31.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.034 ng
 RT: 26.124 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BN033490.D
 Acq: 20 Aug 2024 05:20

Instrument :
 BNA_N
 ClientSampleId :
 PB162821BL

Tgt Ion:	276	Resp:	1395
Ion Ratio	Lower	Upper	
276	100		
277	38.3	19.7	29.5#
138	43.8	21.8	32.6#

