

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033487.D
 Acq On : 20 Aug 2024 02:49
 Operator : MA/JU
 Sample : PB162787BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162787BL

Quant Time: Aug 20 04:05:28 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)

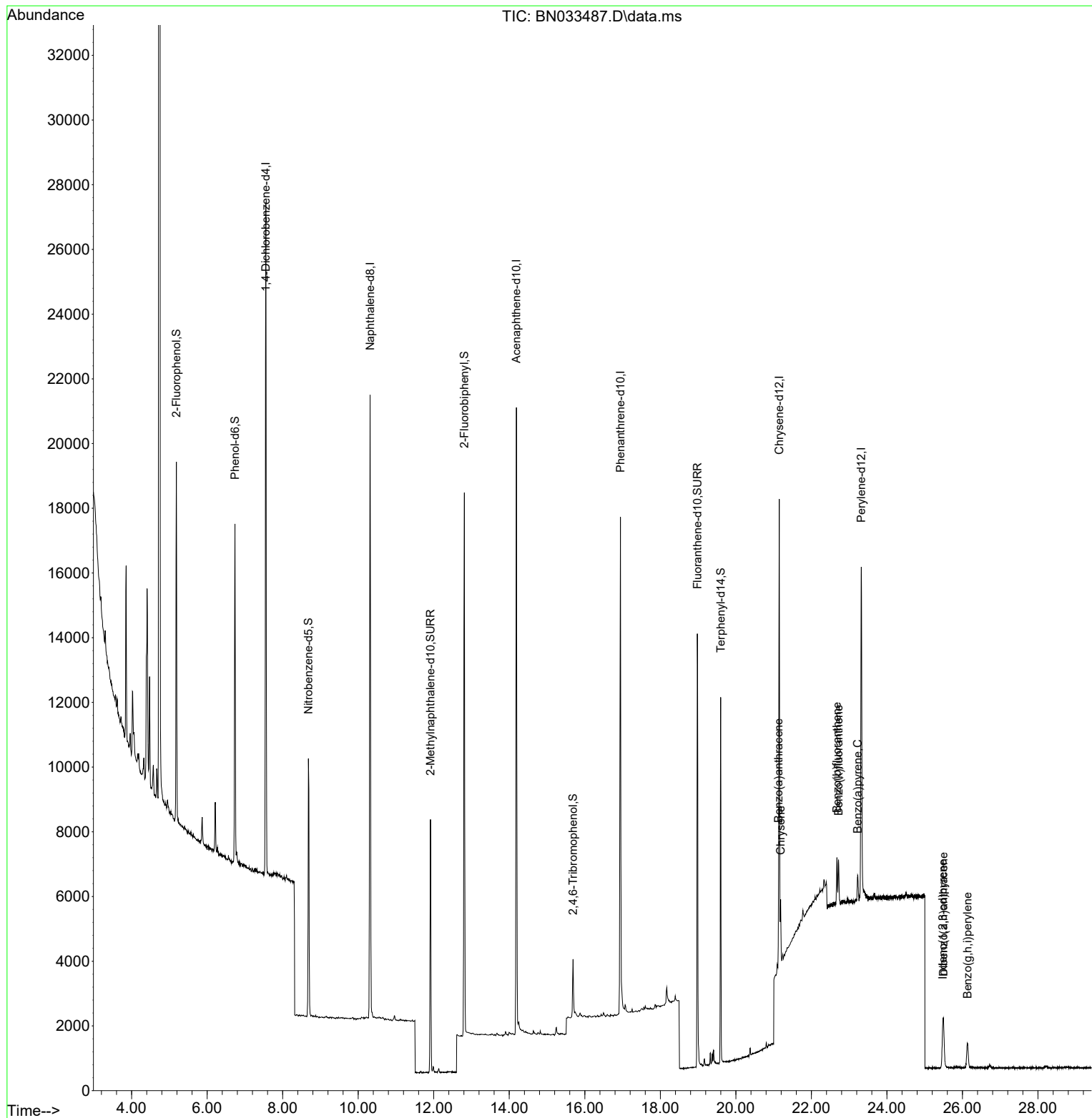
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	9357	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	24160	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	11079	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	21468	0.400	ng	0.00
29) Chrysene-d12	21.148	240	12188	0.400	ng	0.00
35) Perylene-d12	23.320	264	13144	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	7752	0.261	ng	0.00
5) Phenol-d6	6.736	99	8965	0.253	ng	0.00
8) Nitrobenzene-d5	8.681	82	6171	0.308	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	10501	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1199	0.201	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	14817	0.327	ng	0.00
27) Fluoranthene-d10	18.980	212	15105	0.293	ng	0.00
31) Terphenyl-d14	19.597	244	10225	0.369	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.130	228	1184	0.027	ng	# 88
33) Chrysene	21.184	228	1520	0.035	ng	# 93
36) Indeno(1,2,3-cd)pyrene	25.478	276	1903	0.035	ng	# 88
37) Benzo(b)fluoranthene	22.674	252	1595	0.032	ng	# 21
38) Benzo(k)fluoranthene	22.718	252	1501	0.031	ng	# 20
39) Benzo(a)pyrene	23.221	252	1160	0.029	ng	# 1
40) Dibenzo(a,h)anthracene	25.499	278	1501	0.034	ng	# 43
41) Benzo(g,h,i)perylene	26.133	276	1591	0.034	ng	# 70

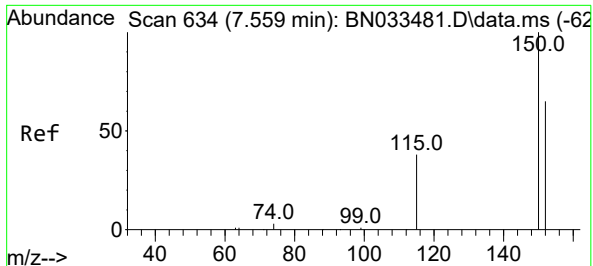
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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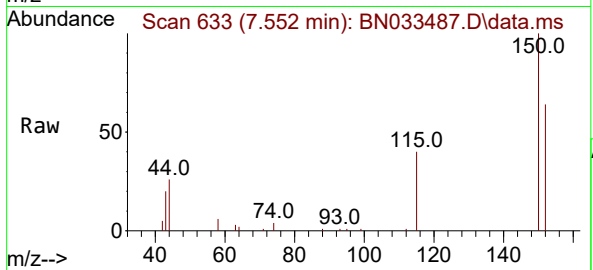
Quant Time: Aug 20 04:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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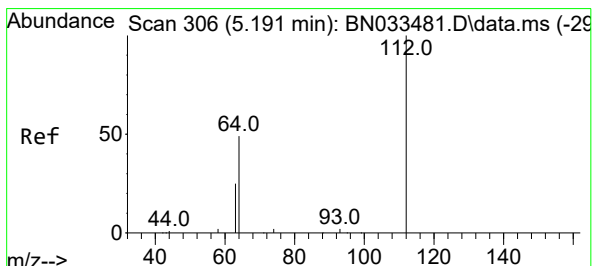
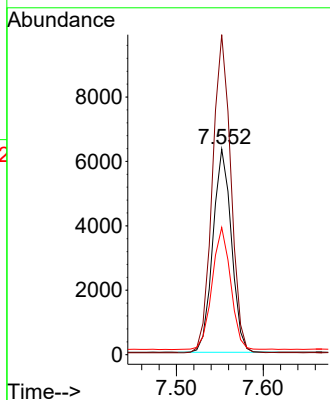
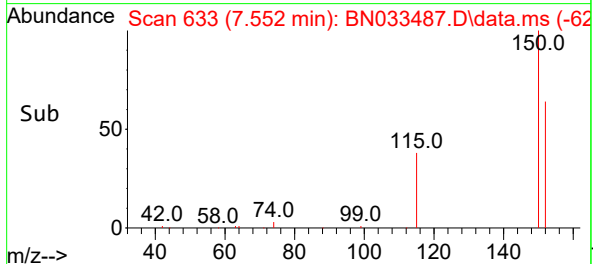


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033487.D
Acq: 20 Aug 2024 02:49

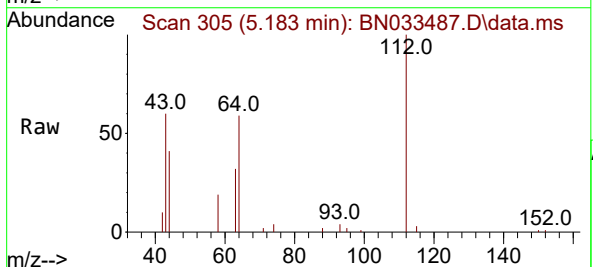
Instrument :
BNA_N
ClientSampleId :
PB162787BL



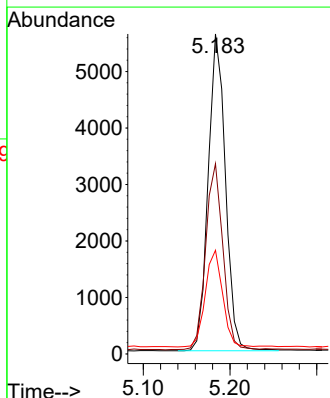
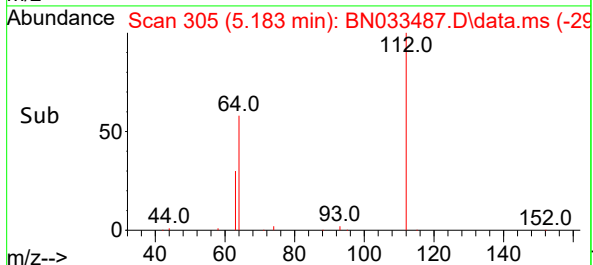
Tgt Ion:152 Resp: 9357
Ion Ratio Lower Upper
152 100
150 155.7 122.2 183.2
115 61.8 47.2 70.8

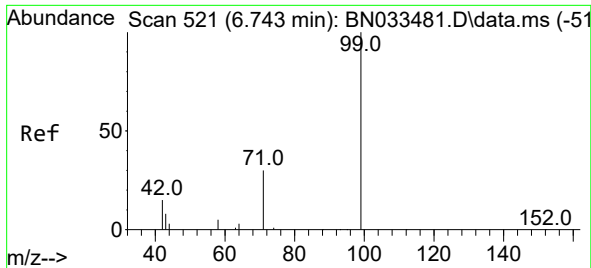


#4
2-Fluorophenol
Concen: 0.261 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033487.D
Acq: 20 Aug 2024 02:49



Tgt Ion:112 Resp: 7752
Ion Ratio Lower Upper
112 100
64 59.0 47.1 70.7
63 30.8 24.9 37.3

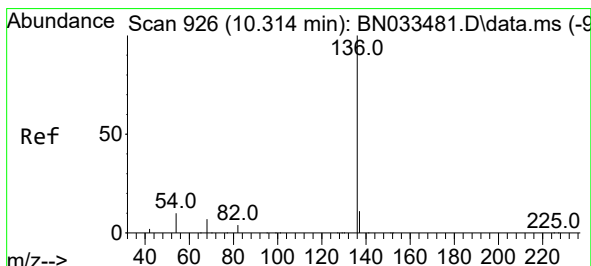
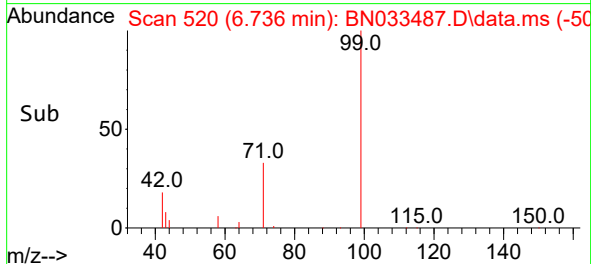
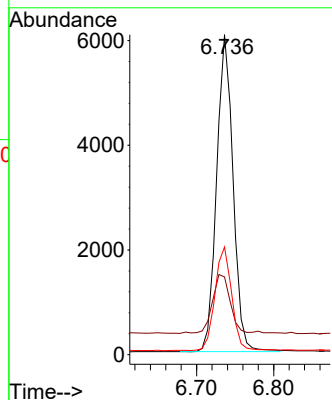
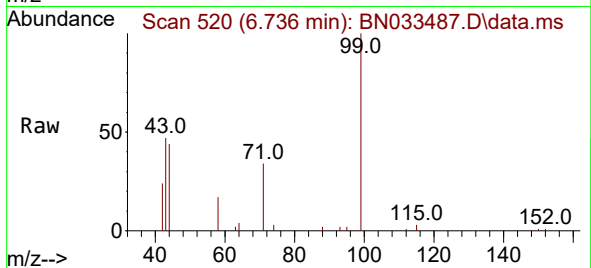




#5
Phenol-d6
Concen: 0.253 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033487.D
Acq: 20 Aug 2024 02:49

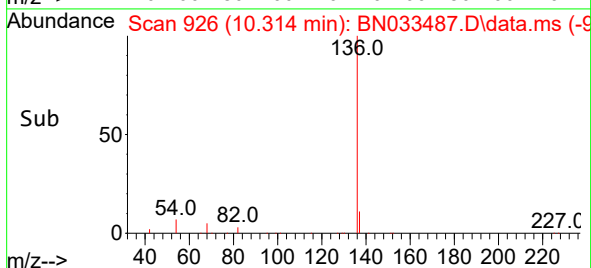
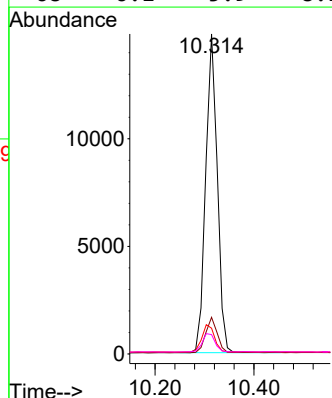
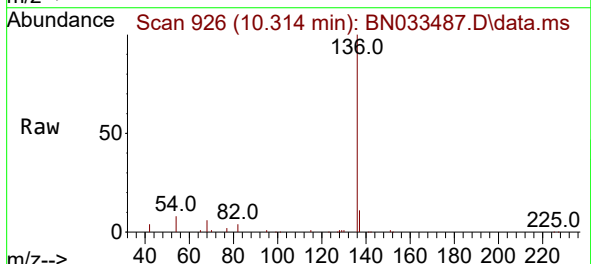
Instrument :
BNA_N
ClientSampleId :
PB162787BL

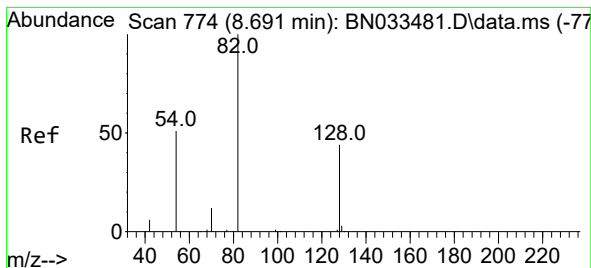
Tgt Ion: 99 Resp: 8965
Ion Ratio Lower Upper
99 100
42 19.7 16.6 24.8
71 33.8 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. 0.000 min
Lab File: BN033487.D
Acq: 20 Aug 2024 02:49

Tgt Ion: 136 Resp: 24160
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.1 8.3 12.5#
68 6.1 5.9 8.9





#8

Nitrobenzene-d5

Concen: 0.308 ng

RT: 8.681 min Scan# 71

Delta R.T. -0.011 min

Lab File: BN033487.D

Acq: 20 Aug 2024 02:49

Instrument :

BNA_N

ClientSampleId :

PB162787BL

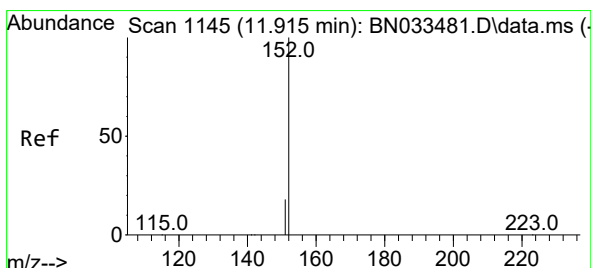
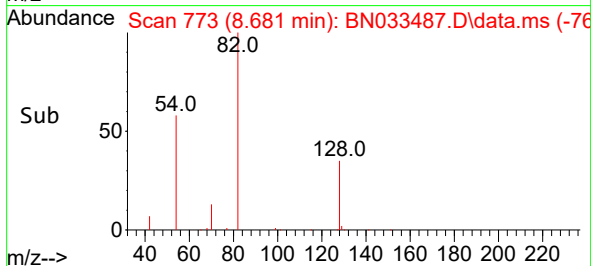
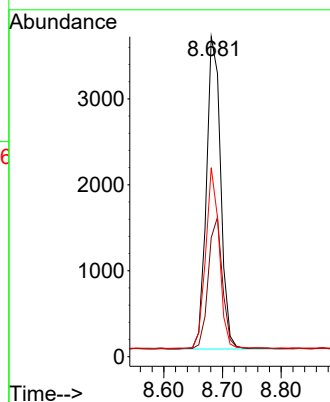
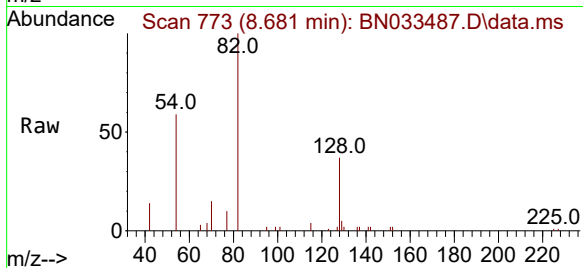
Tgt Ion: 82 Resp: 6171

Ion Ratio Lower Upper

82 100

128 37.2 36.0 54.0

54 59.0 42.0 63.0



#11

2-Methylnaphthalene-d10

Concen: 0.304 ng

RT: 11.911 min Scan# 1144

Delta R.T. -0.004 min

Lab File: BN033487.D

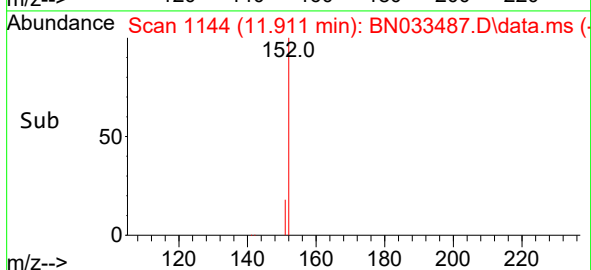
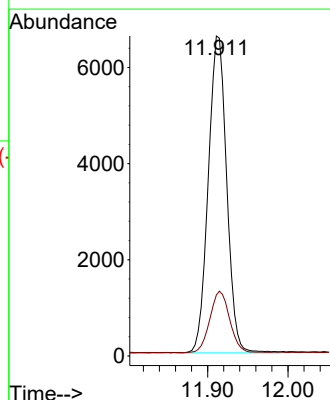
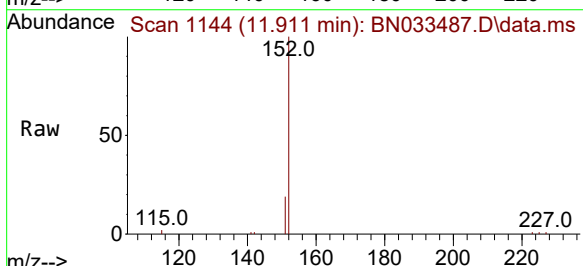
Acq: 20 Aug 2024 02:49

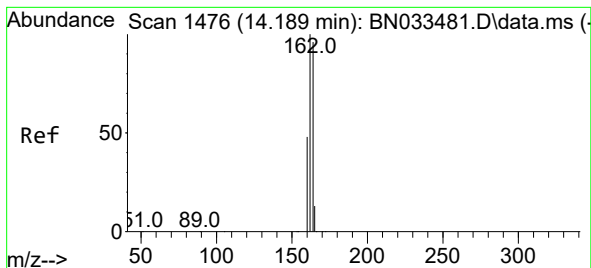
Tgt Ion: 152 Resp: 10501

Ion Ratio Lower Upper

152 100

151 20.9 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: BN033487.D

Acq: 20 Aug 2024 02:49

Instrument :

BNA_N

ClientSampleId :

PB162787BL

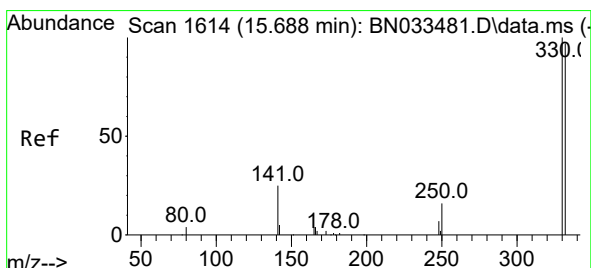
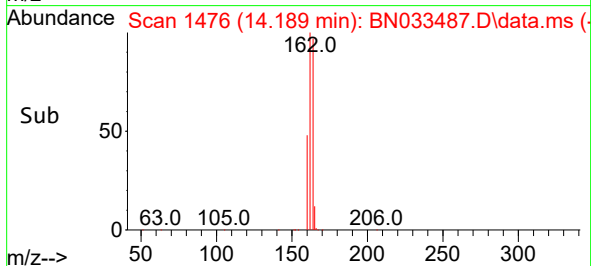
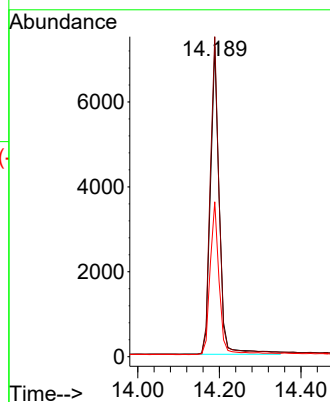
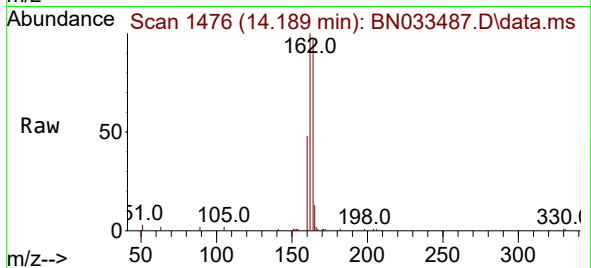
Tgt Ion:164 Resp: 11079

Ion Ratio Lower Upper

164 100

162 103.2 83.5 125.3

160 49.9 40.2 60.4



#14

2,4,6-Tribromophenol

Concen: 0.201 ng

RT: 15.688 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BN033487.D

Acq: 20 Aug 2024 02:49

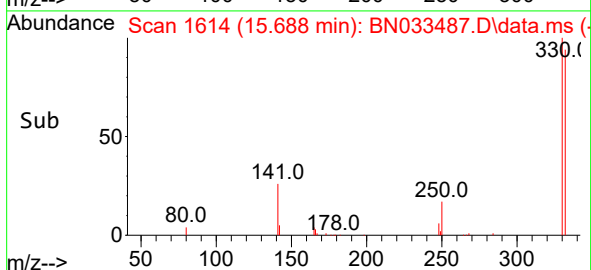
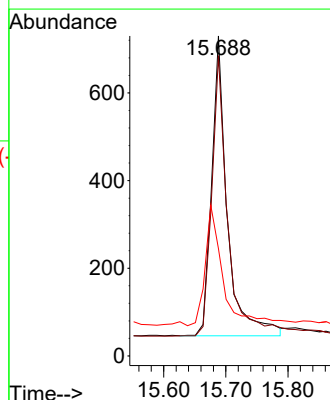
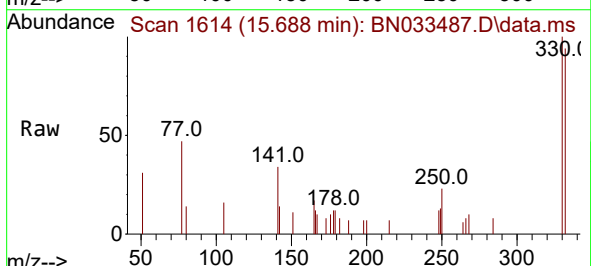
Tgt Ion:330 Resp: 1199

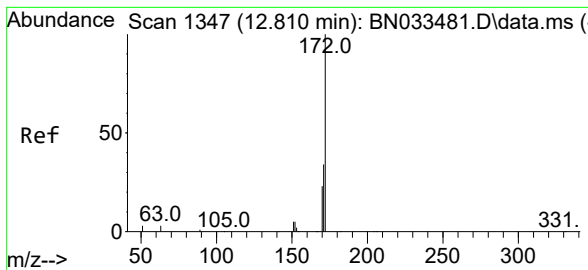
Ion Ratio Lower Upper

330 100

332 95.7 77.5 116.3

141 44.8 33.9 50.9

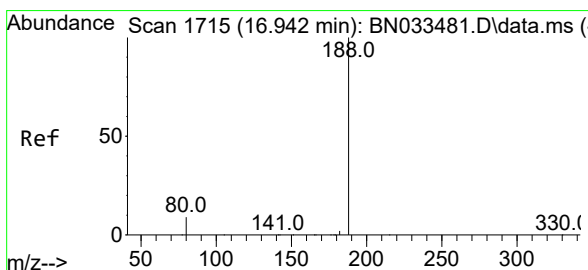
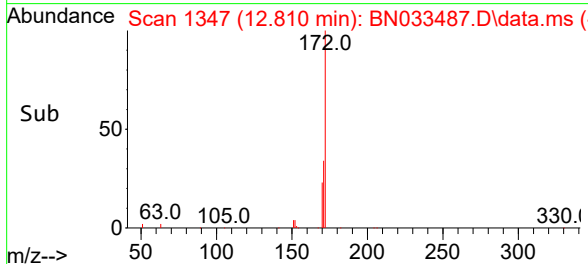
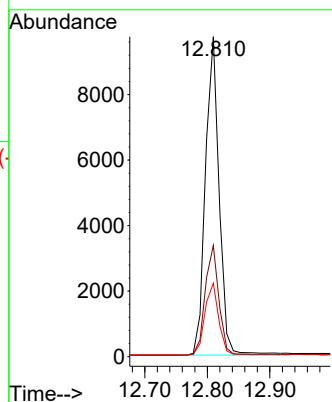
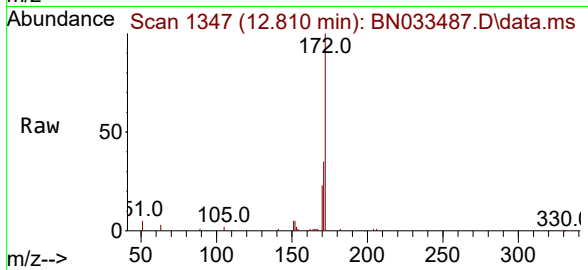




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033487.D
Acq: 20 Aug 2024 02:49

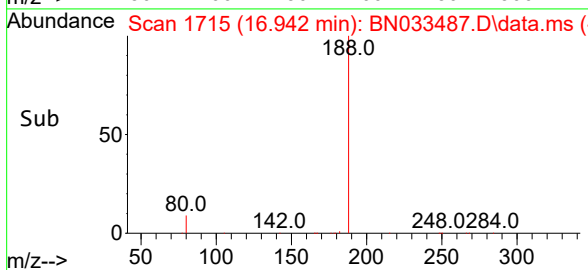
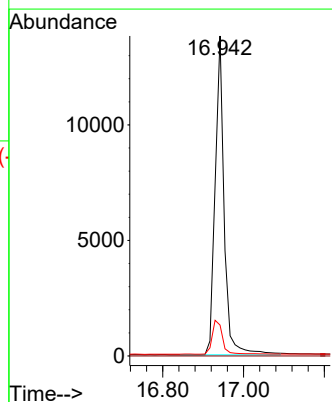
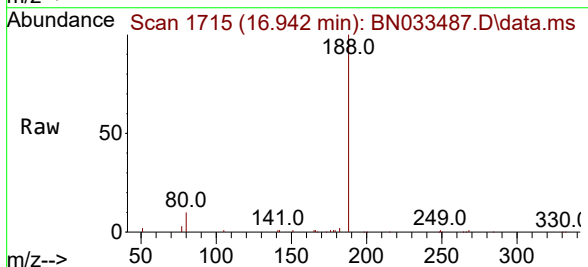
Instrument :
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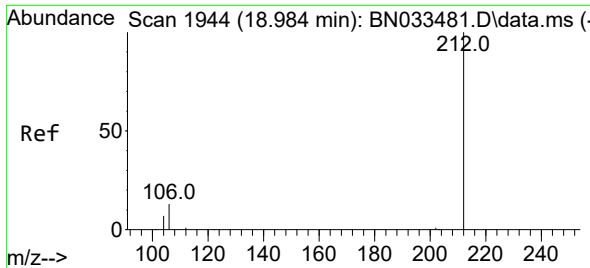
Tgt Ion:172 Resp: 14817
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 22.9 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN033487.D
Acq: 20 Aug 2024 02:49

Tgt Ion:188 Resp: 21468
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.8 11.8

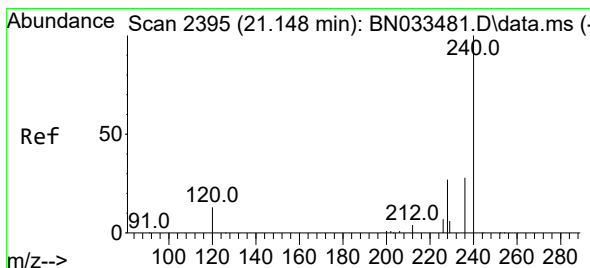
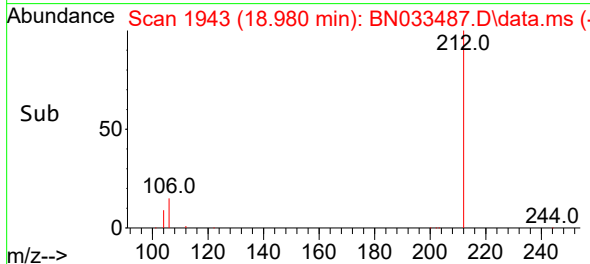
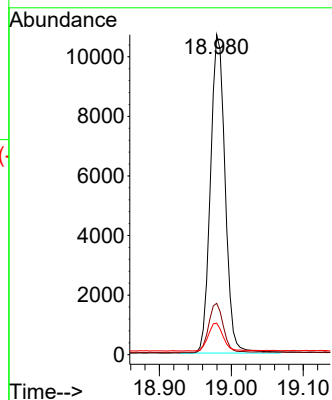
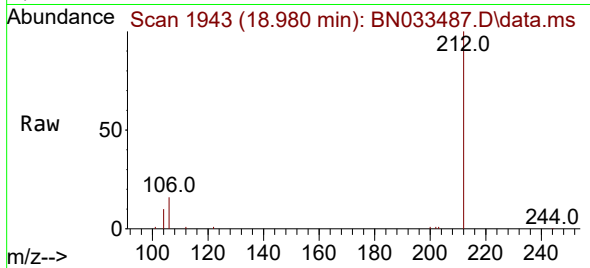




#27
Fluoranthene-d10
Concen: 0.293 ng
RT: 18.980 min Scan# 1944
Delta R.T. -0.005 min
Lab File: BN033487.D
Acq: 20 Aug 2024 02:49

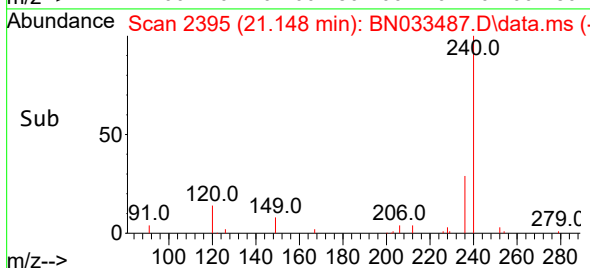
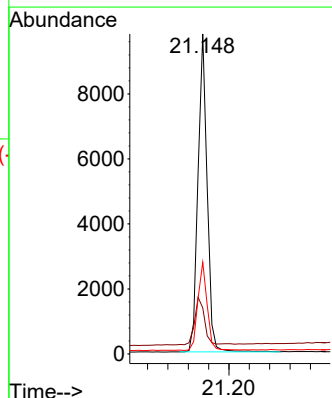
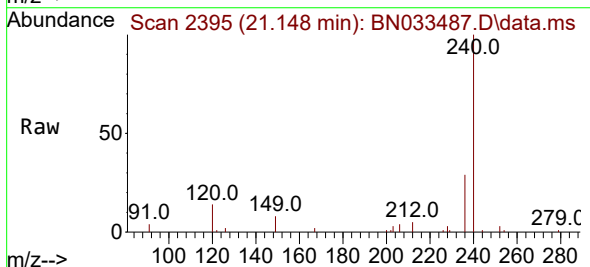
Instrument :
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PB162787BL

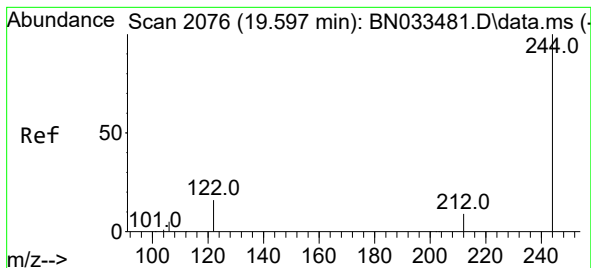
Tgt Ion:212 Resp: 15105
Ion Ratio Lower Upper
212 100
106 15.5 12.3 18.5
104 8.9 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN033487.D
Acq: 20 Aug 2024 02:49

Tgt Ion:240 Resp: 12188
Ion Ratio Lower Upper
240 100
120 14.4 12.4 18.6
236 28.7 23.0 34.6





#31

Terphenyl-d14

Concen: 0.369 ng

RT: 19.597 min Scan# 2076

Delta R.T. 0.000 min

Lab File: BN033487.D

Acq: 20 Aug 2024 02:49

Instrument :

BNA_N

ClientSampleId :

PB162787BL

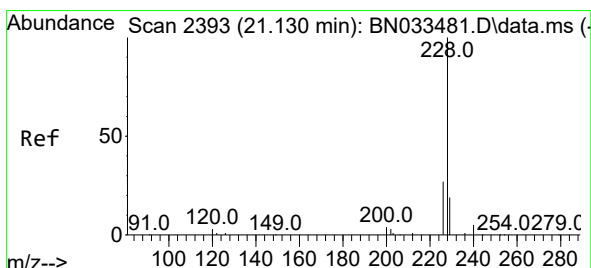
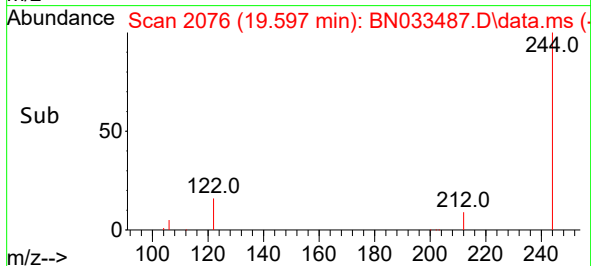
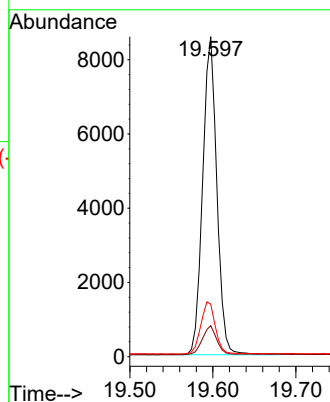
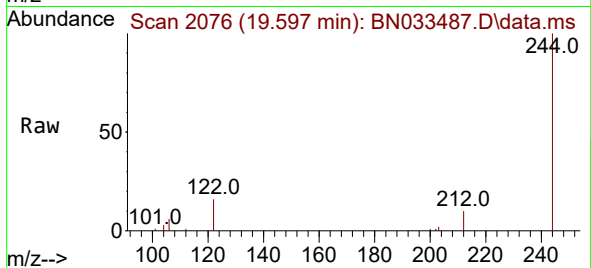
Tgt Ion:244 Resp: 10225

Ion Ratio Lower Upper

244 100

212 9.7 7.8 11.6

122 16.4 13.3 19.9



#32

Benzo(a)anthracene

Concen: 0.027 ng

RT: 21.130 min Scan# 2393

Delta R.T. 0.000 min

Lab File: BN033487.D

Acq: 20 Aug 2024 02:49

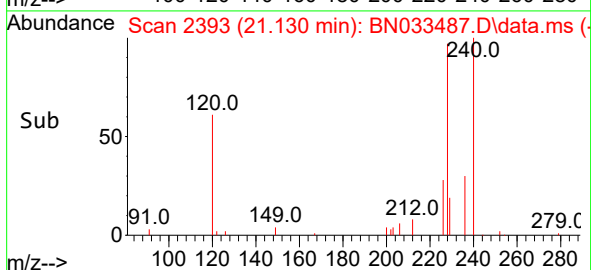
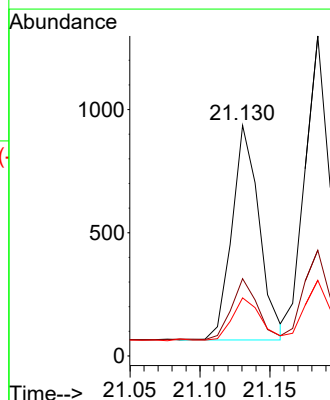
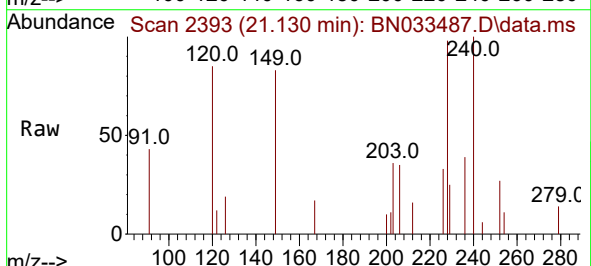
Tgt Ion:228 Resp: 1184

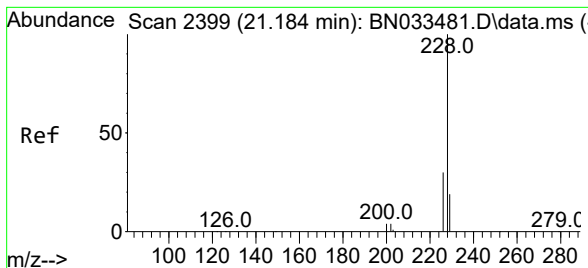
Ion Ratio Lower Upper

228 100

226 33.5 21.8 32.6#

229 25.2 15.8 23.6#





#33

Chrysene

Concen: 0.035 ng

RT: 21.184 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN033487.D

Acq: 20 Aug 2024 02:49

Instrument :

BNA_N

ClientSampleId :

PB162787BL

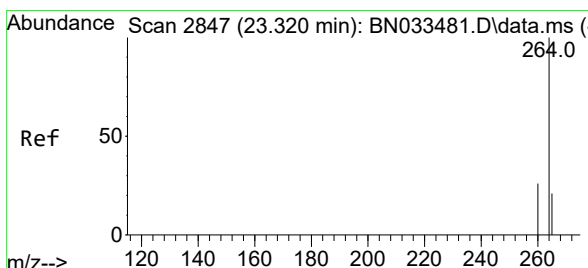
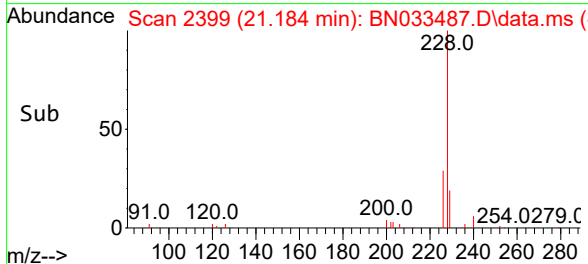
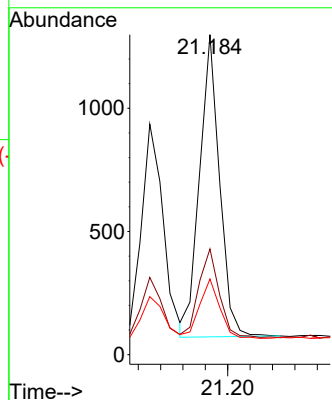
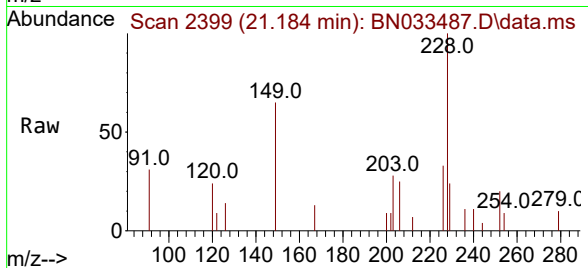
Tgt Ion:228 Resp: 1520

Ion Ratio Lower Upper

228 100

226 33.0 23.8 35.8

229 23.6 15.6 23.4#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.320 min Scan# 2847

Delta R.T. 0.000 min

Lab File: BN033487.D

Acq: 20 Aug 2024 02:49

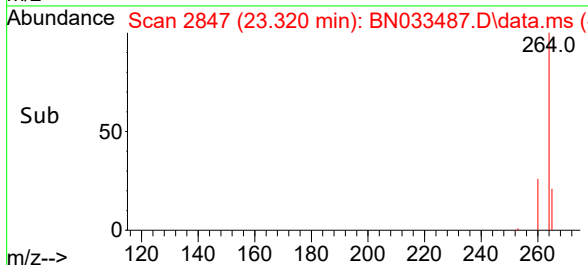
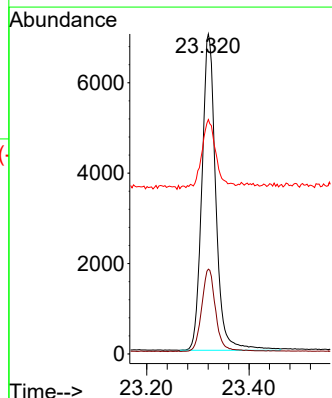
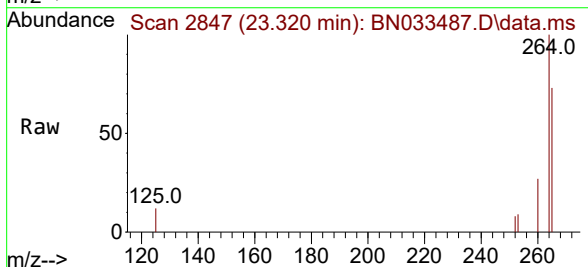
Tgt Ion:264 Resp: 13144

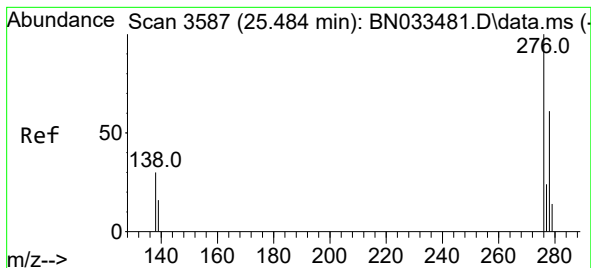
Ion Ratio Lower Upper

264 100

260 26.5 20.8 31.2

265 73.2 52.2 78.2





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.035 ng

RT: 25.478 min Scan# 3585

Delta R.T. -0.006 min

Lab File: BN033487.D

Acq: 20 Aug 2024 02:49

Instrument :

BNA_N

ClientSampleId :

PB162787BL

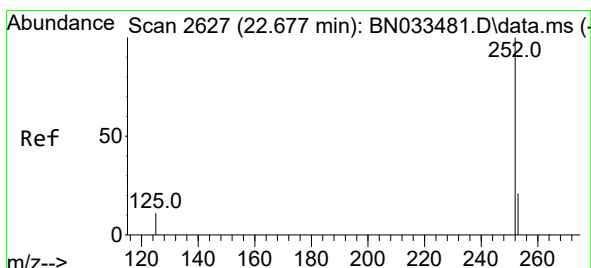
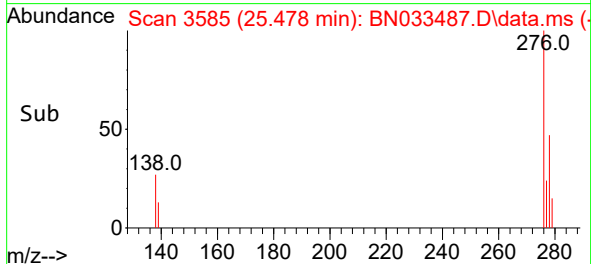
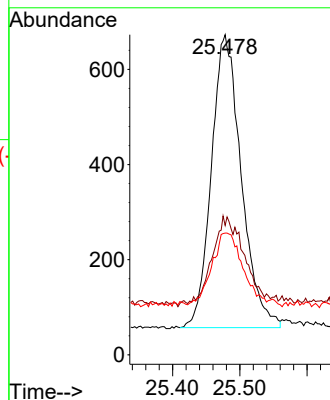
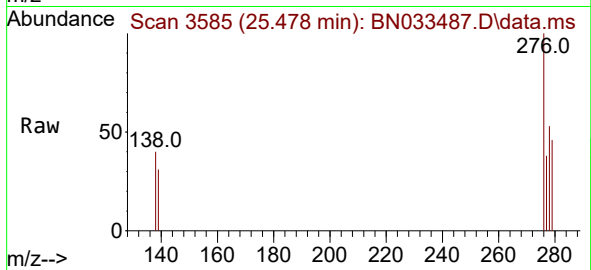
Tgt Ion:276 Resp: 1903

Ion Ratio Lower Upper

276 100

138 19.2 24.4 36.6#

277 25.6 19.8 29.6



#37

Benzo(b)fluoranthene

Concen: 0.032 ng

RT: 22.674 min Scan# 2626

Delta R.T. -0.003 min

Lab File: BN033487.D

Acq: 20 Aug 2024 02:49

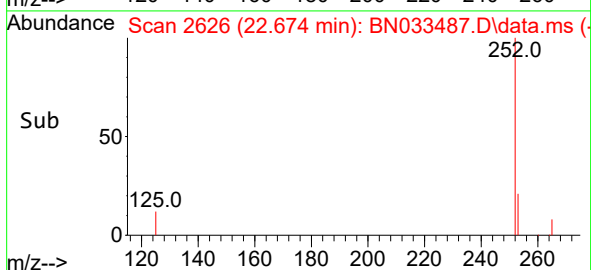
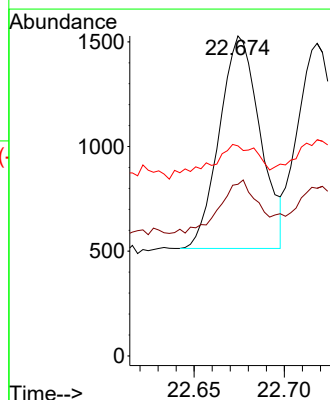
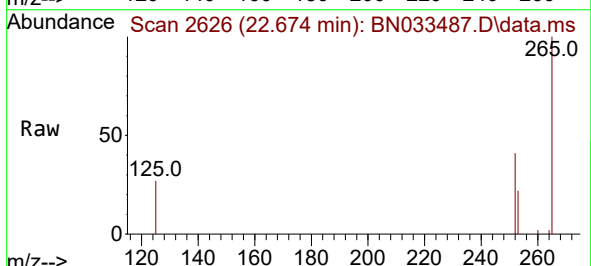
Tgt Ion:252 Resp: 1595

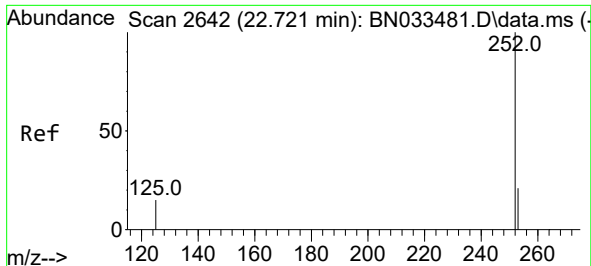
Ion Ratio Lower Upper

252 100

253 53.7 19.8 29.8#

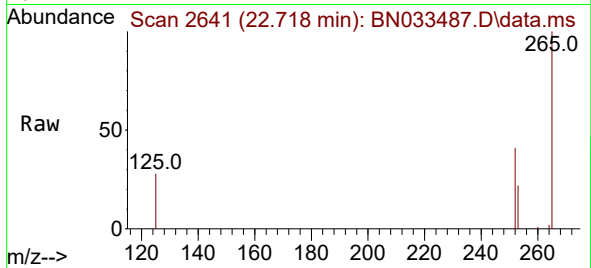
125 65.6 13.9 20.9#



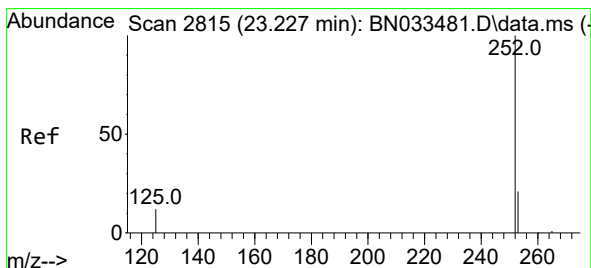
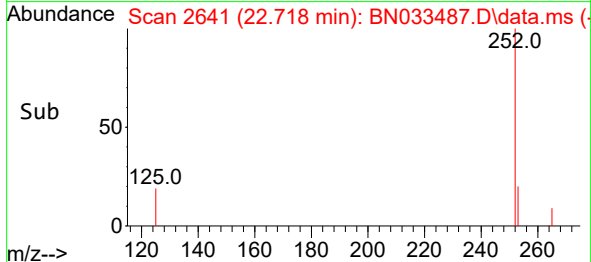
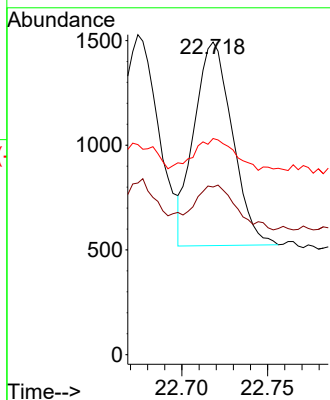


#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 22.718 min Scan# 201
Delta R.T. -0.003 min
Lab File: BN033487.D
Acq: 20 Aug 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB162787BL

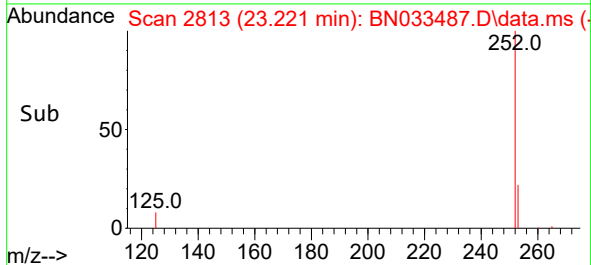
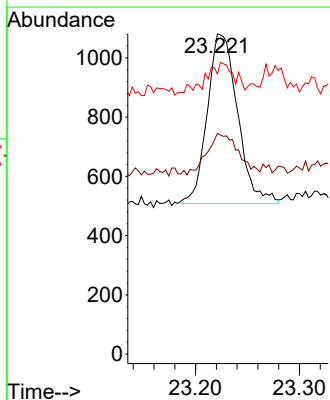
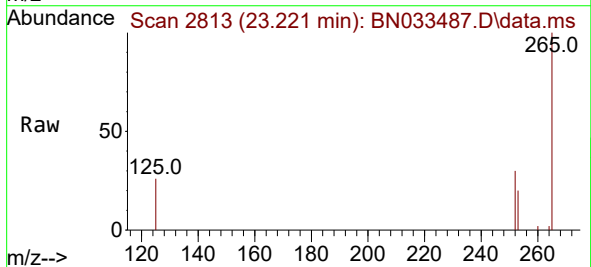


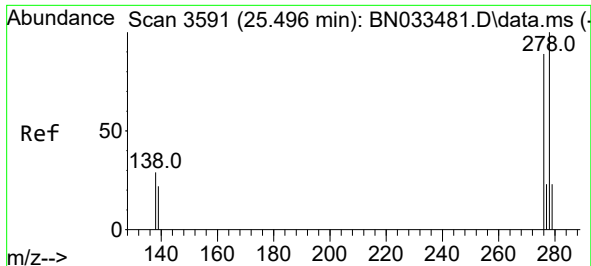
Tgt Ion:252 Resp: 1501
Ion Ratio Lower Upper
252 100
253 53.7 19.8 29.8#
125 69.1 15.8 23.8#



#39
Benzo(a)pyrene
Concen: 0.029 ng
RT: 23.221 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BN033487.D
Acq: 20 Aug 2024 02:49

Tgt Ion:252 Resp: 1160
Ion Ratio Lower Upper
252 100
253 68.9 21.5 32.3#
125 87.5 17.0 25.4#

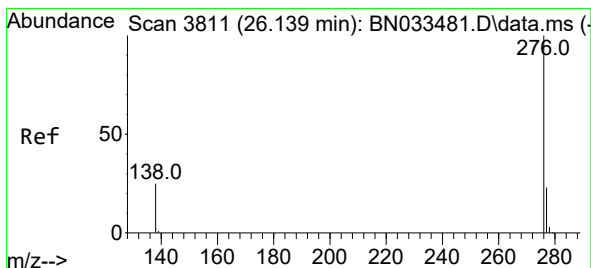
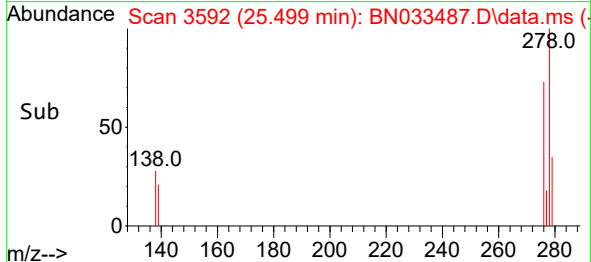
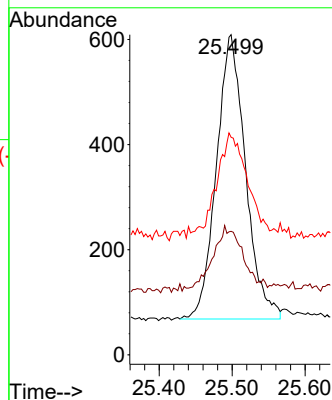
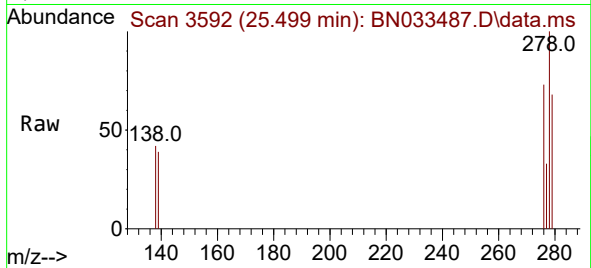




#40
Dibenzo(a,h)anthracene
Concen: 0.034 ng
RT: 25.499 min Scan# 31
Delta R.T. 0.003 min
Lab File: BN033487.D
Acq: 20 Aug 2024 02:49

Instrument :
BNA_N
ClientSampleId :
PB162787BL

Tgt Ion:278 Resp: 1501
Ion Ratio Lower Upper
278 100
139 38.6 19.1 28.7#
279 68.0 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 26.133 min Scan# 3809
Delta R.T. -0.006 min
Lab File: BN033487.D
Acq: 20 Aug 2024 02:49

Tgt Ion:276 Resp: 1591
Ion Ratio Lower Upper
276 100
277 39.8 19.7 29.5#
138 42.5 21.8 32.6#

