

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
 Data File : BN037487.D
 Acq On : 14 Jul 2025 11:39
 Operator : RC/JU
 Sample : PB168720BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168720BS

Quant Time: Jul 14 12:50:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 15:38:34 2025
 Response via : Initial Calibration

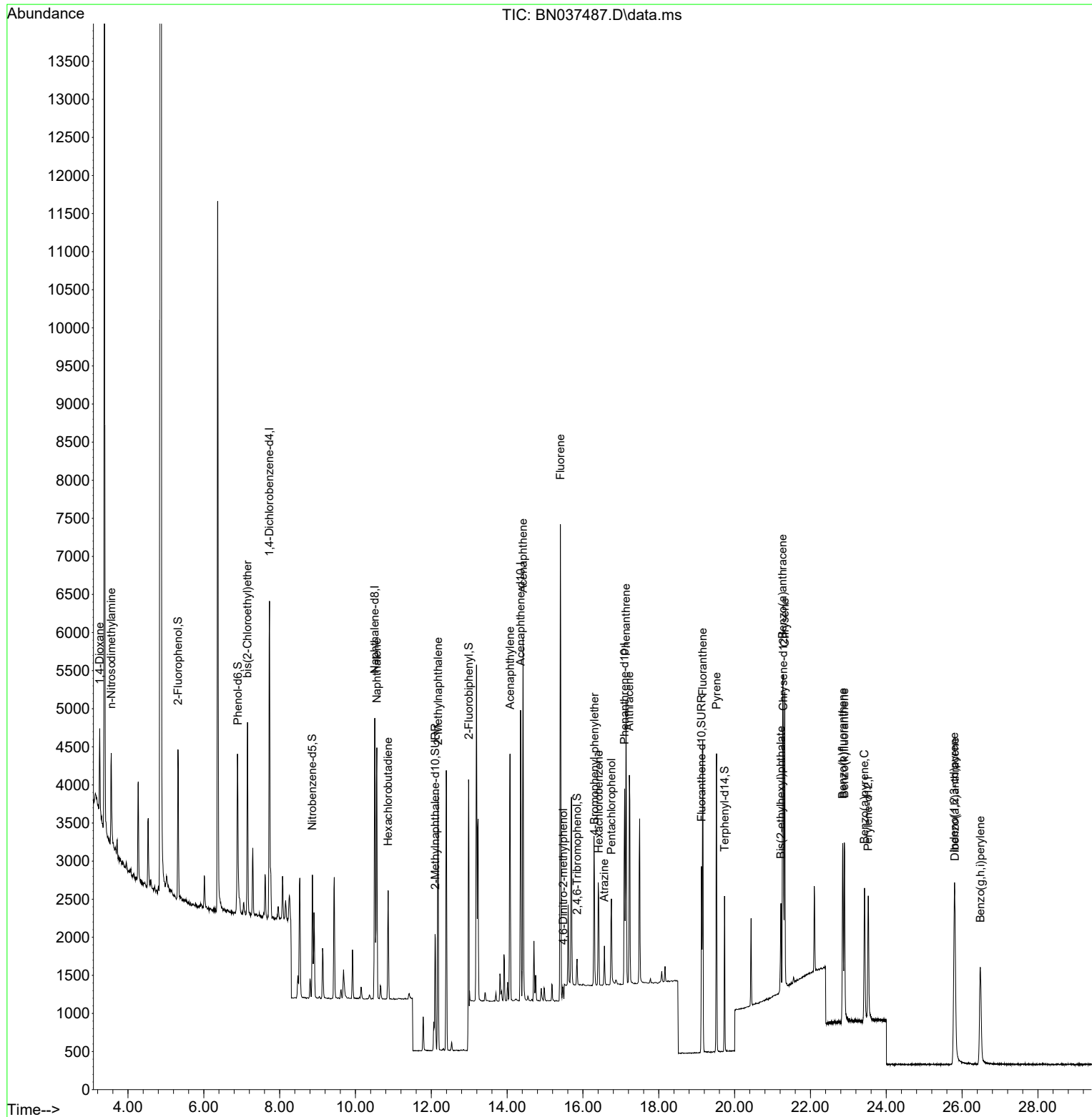
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1966	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4534	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2005	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	3383	0.400	ng	0.00
29) Chrysene-d12	21.286	240	2498	0.400	ng	0.00
35) Perylene-d12	23.525	264	2162	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1473	0.322	ng	0.00
5) Phenol-d6	6.894	99	1791	0.311	ng	0.00
8) Nitrobenzene-d5	8.865	82	1150	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2130	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	195	0.287	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	4148	0.362	ng	0.00
27) Fluoranthene-d10	19.127	212	2645	0.310	ng	0.00
31) Terphenyl-d14	19.736	244	1871	0.359	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	606	0.328	ng	Qvalue 91
3) n-Nitrosodimethylamine	3.557	42	891	0.361	ng	# 96
6) bis(2-Chloroethyl)ether	7.154	93	1739	0.361	ng	98
9) Naphthalene	10.562	128	4246	0.349	ng	100
10) Hexachlorobutadiene	10.861	225	1101	0.376	ng	# 100
12) 2-Methylnaphthalene	12.177	142	2332	0.306	ng	98
16) Acenaphthylene	14.078	152	3543	0.388	ng	100
17) Acenaphthene	14.420	154	2144	0.350	ng	100
18) Fluorene	15.403	166	2528	0.328	ng	98
20) 4,6-Dinitro-2-methylph...	15.478	198	136	0.358	ng	# 80
21) 4-Bromophenyl-phenylether	16.304	248	751	0.356	ng	# 90
22) Hexachlorobenzene	16.416	284	1101	0.378	ng	98
23) Atrazine	16.565	200	382	0.364	ng	95
24) Pentachlorophenol	16.751	266	582	0.580	ng	98
25) Phenanthrene	17.136	178	3618	0.351	ng	99
26) Anthracene	17.223	178	3215	0.346	ng	100
28) Fluoranthene	19.160	202	3519	0.311	ng	99
30) Pyrene	19.522	202	3456	0.344	ng	100
32) Benzo(a)anthracene	21.268	228	2920	0.345	ng	99
33) Chrysene	21.322	228	3244	0.351	ng	99
34) Bis(2-ethylhexyl)phtha...	21.223	149	1036	0.360	ng	99
36) Indeno(1,2,3-cd)pyrene	25.794	276	3126	0.373	ng	99
37) Benzo(b)fluoranthene	22.853	252	3012	0.358	ng	98
38) Benzo(k)fluoranthene	22.897	252	2969	0.348	ng	99
39) Benzo(a)pyrene	23.426	252	2561	0.378	ng	99
40) Dibenzo(a,h)anthracene	25.811	278	2399	0.354	ng	100
41) Benzo(g,h,i)perylene	26.481	276	2774	0.374	ng	97

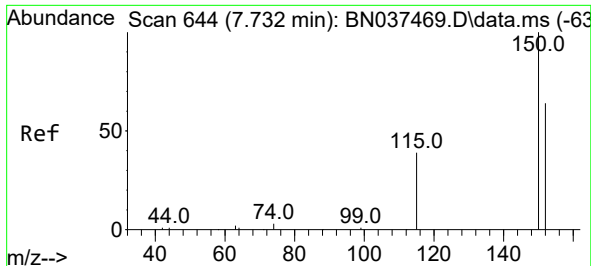
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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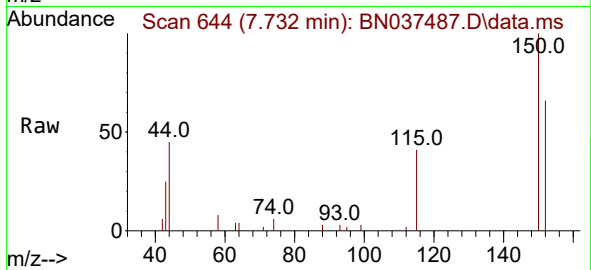
Quant Time: Jul 14 12:50:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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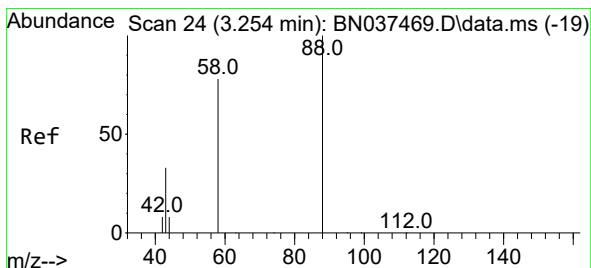
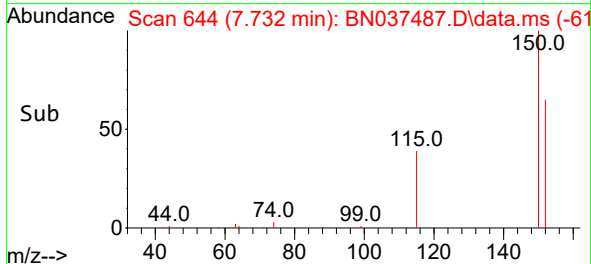
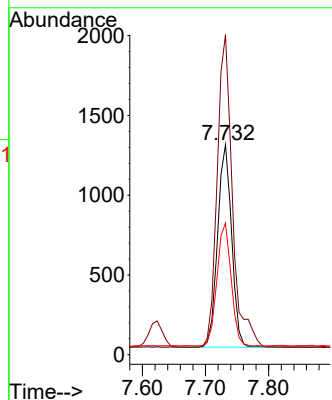


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Instrument :
BNA_N
ClientSampleId :
PB168720BS

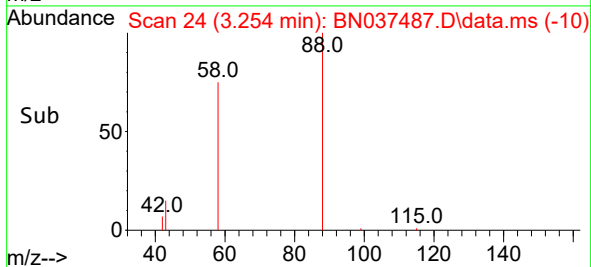
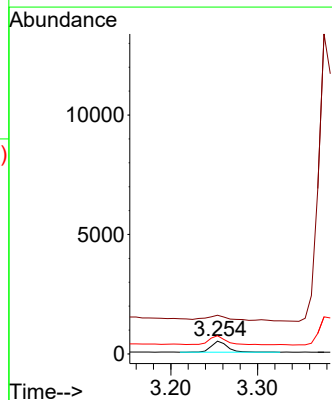
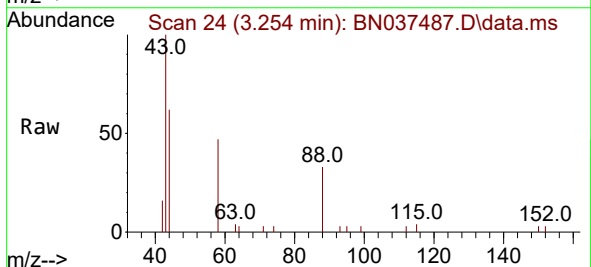


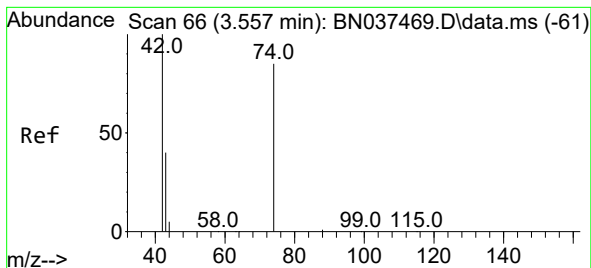
Tgt Ion:152 Resp: 1966
Ion Ratio Lower Upper
152 100
150 152.3 122.5 183.7
115 62.7 49.9 74.9



#2
1,4-Dioxane
Concen: 0.328 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Tgt Ion: 88 Resp: 606
Ion Ratio Lower Upper
88 100
43 53.6 30.7 46.1#
58 82.2 65.0 97.4





#3

n-Nitrosodimethylamine

Concen: 0.361 ng

RT: 3.557 min Scan# 60

Delta R.T. -0.000 min

Lab File: BN037487.D

Acq: 14 Jul 2025 11:39

Instrument :

BNA_N

ClientSampleId :

PB168720BS

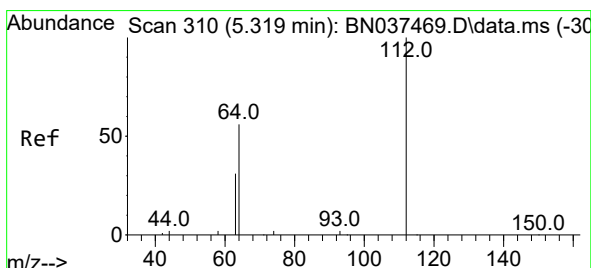
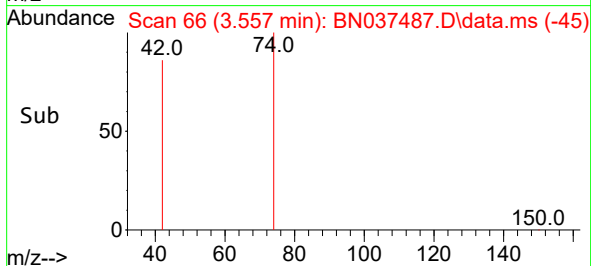
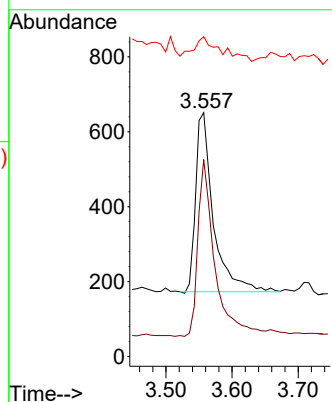
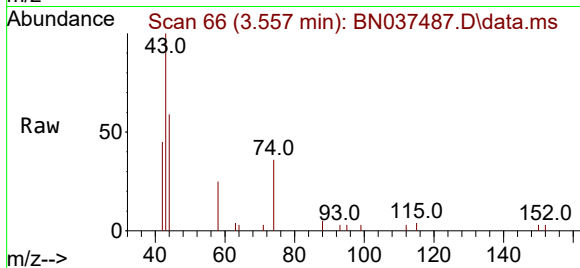
Tgt Ion: 42 Resp: 891

Ion Ratio Lower Upper

42 100

74 94.2 74.9 112.3

44 21.5 7.2 10.8#



#4

2-Fluorophenol

Concen: 0.322 ng

RT: 5.319 min Scan# 310

Delta R.T. -0.000 min

Lab File: BN037487.D

Acq: 14 Jul 2025 11:39

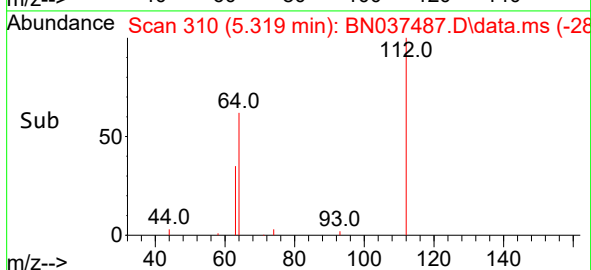
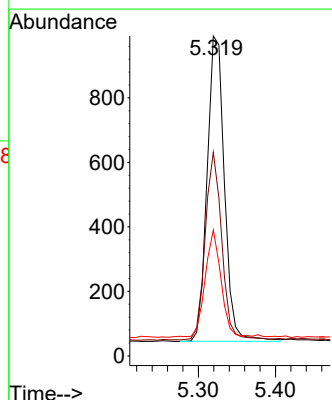
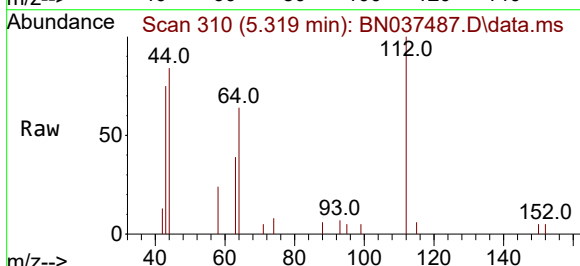
Tgt Ion: 112 Resp: 1473

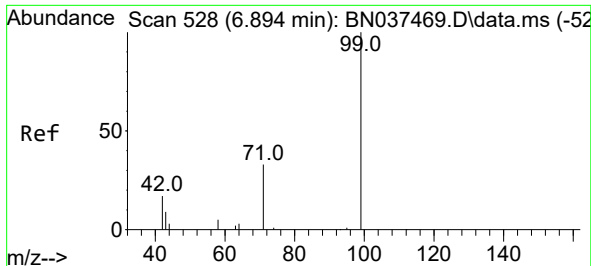
Ion Ratio Lower Upper

112 100

64 58.5 45.4 68.0

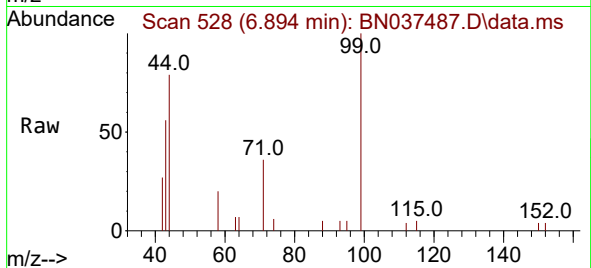
63 32.2 24.7 37.1



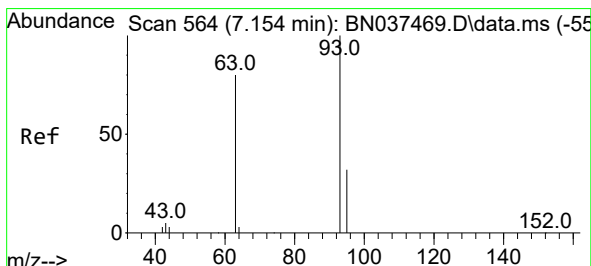
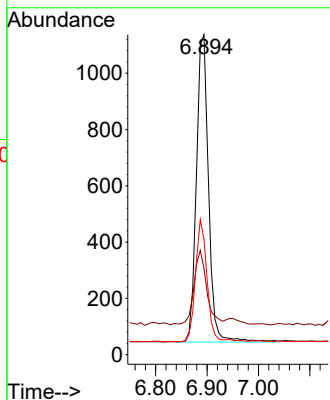
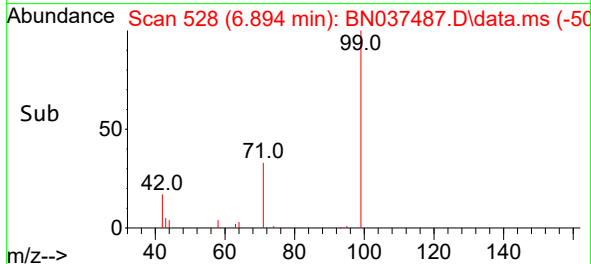


#5
Phenol-d6
Concen: 0.311 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

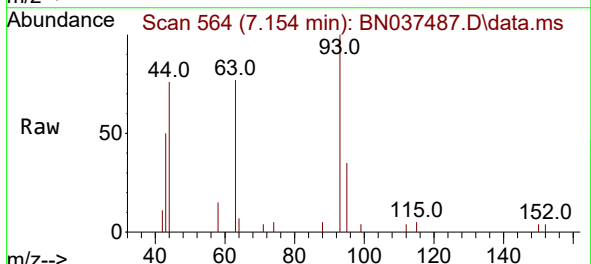
Instrument :
BNA_N
ClientSampleId :
PB168720BS



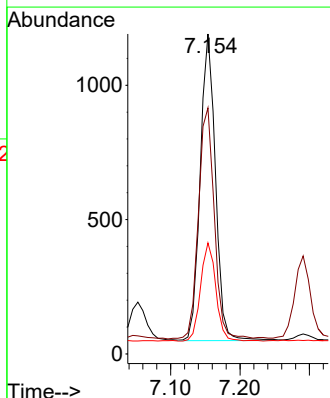
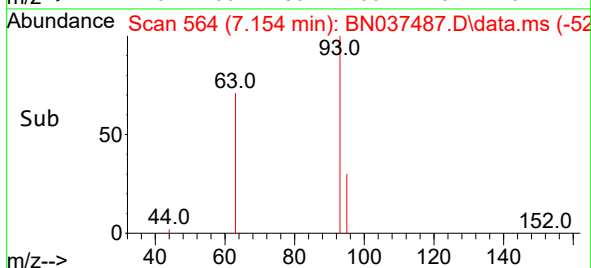
Tgt Ion:	99	Resp:	1791
Ion	Ratio	Lower	Upper
99	100		
42	25.5	19.5	29.3
71	38.0	29.4	44.2

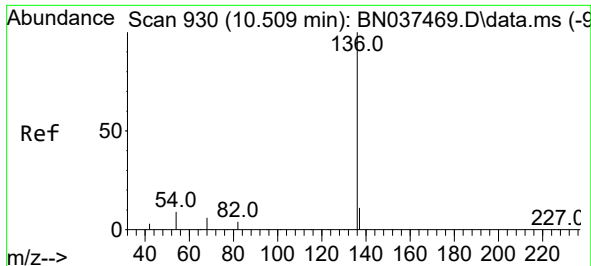


#6
bis(2-Chloroethyl)ether
Concen: 0.361 ng
RT: 7.154 min Scan# 564
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39



Tgt Ion:	93	Resp:	1739
Ion	Ratio	Lower	Upper
93	100		
63	78.2	60.8	91.2
95	32.0	25.6	38.4

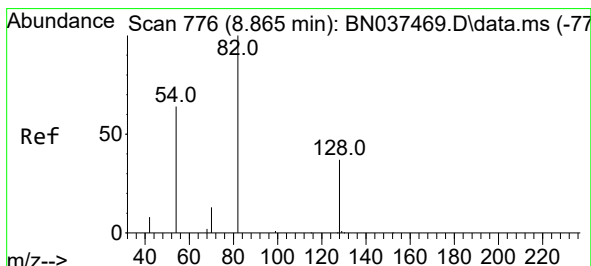
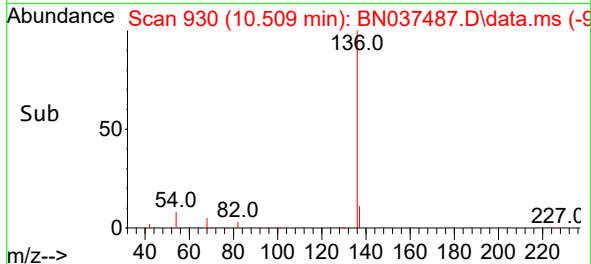
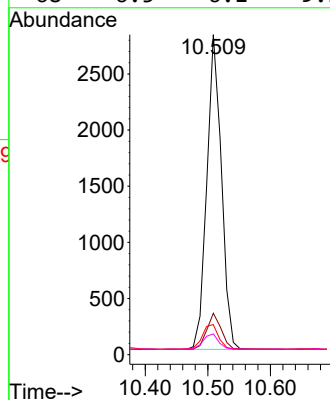
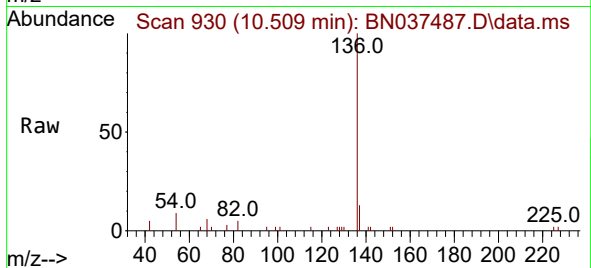




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

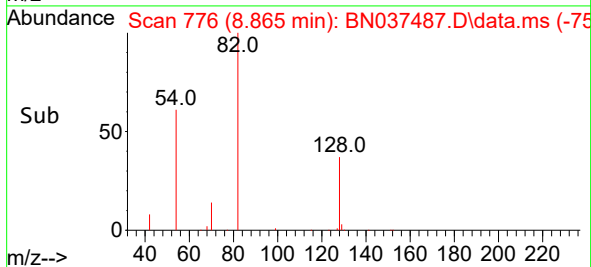
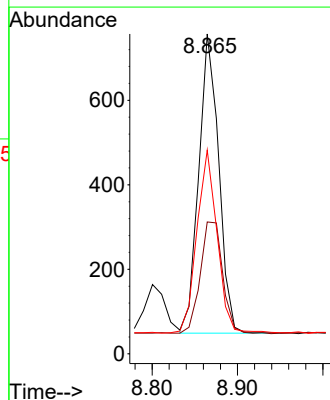
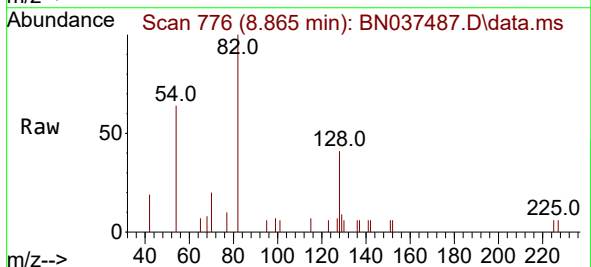
Instrument :
BNA_N
ClientSampleId :
PB168720BS

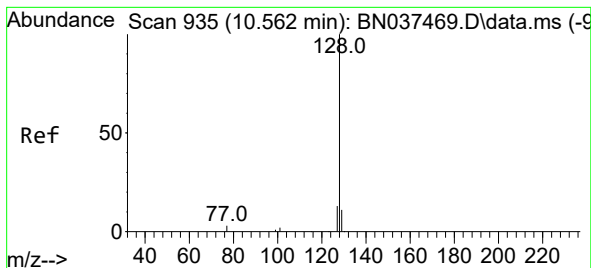
Tgt Ion:	136	Resp:	4534
Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.0	15.0
54	9.4	9.0	13.6
68	6.5	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Tgt Ion:	82	Resp:	1150
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.1	49.7
54	63.7	53.0	79.4





#9

Naphthalene

Concen: 0.349 ng

RT: 10.562 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN037487.D

Acq: 14 Jul 2025 11:39

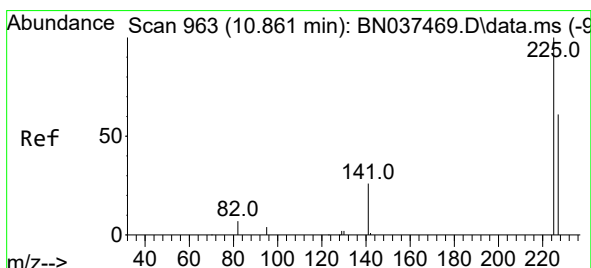
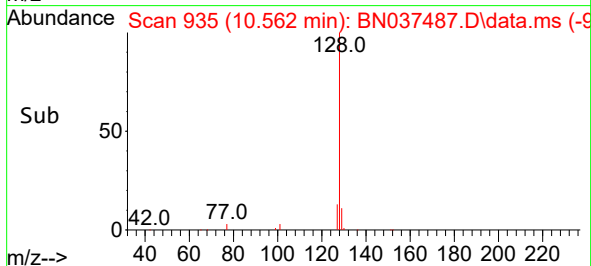
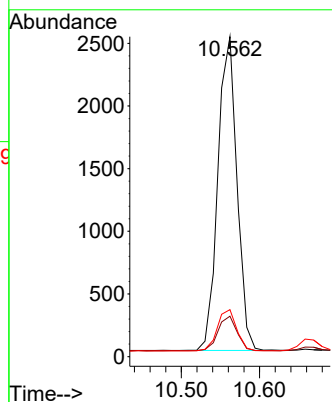
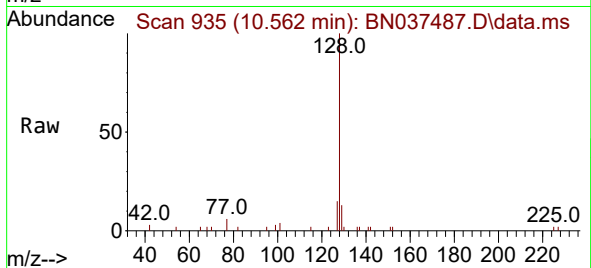
Instrument :

BNA_N

ClientSampleId :

PB168720BS

Tgt Ion:128	Resp:	4246
Ion Ratio	Lower	Upper
128	100	
129	12.7	10.2 15.2
127	14.7	11.8 17.6



#10

Hexachlorobutadiene

Concen: 0.376 ng

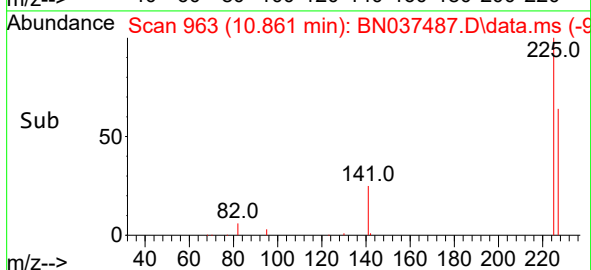
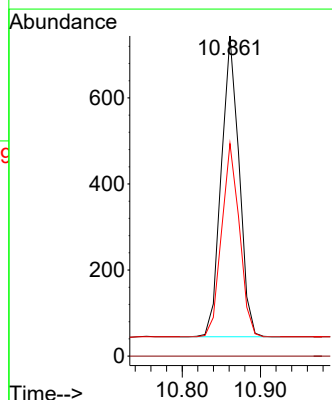
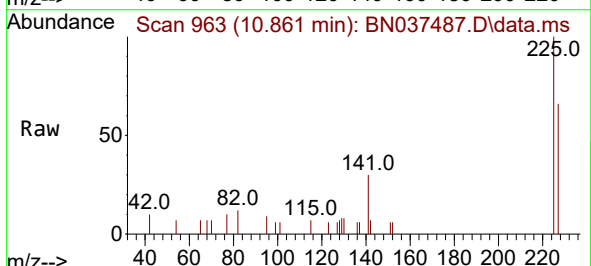
RT: 10.861 min Scan# 963

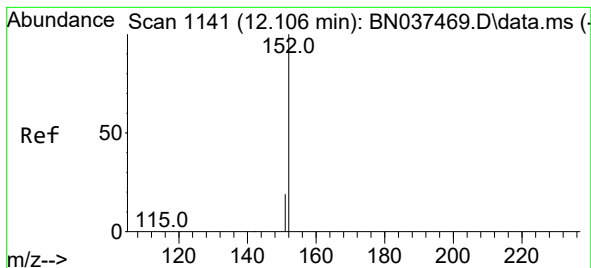
Delta R.T. -0.000 min

Lab File: BN037487.D

Acq: 14 Jul 2025 11:39

Tgt Ion:225	Resp:	1101
Ion Ratio	Lower	Upper
225	100	
223	0.0	0.0 0.0
227	64.1	51.4 77.2

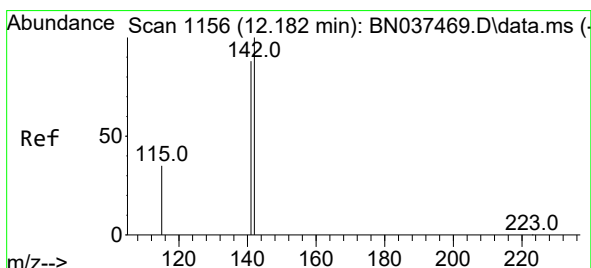
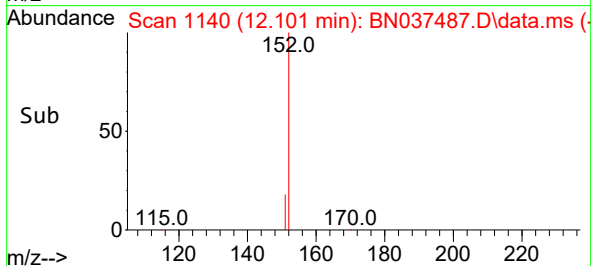
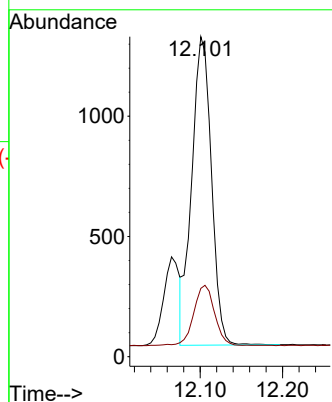
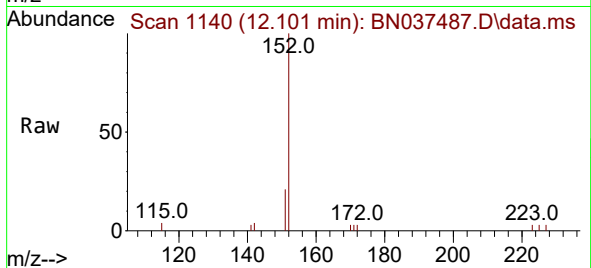




#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

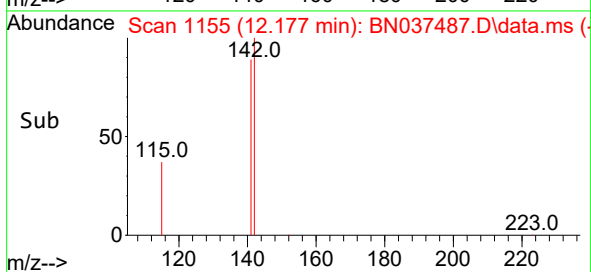
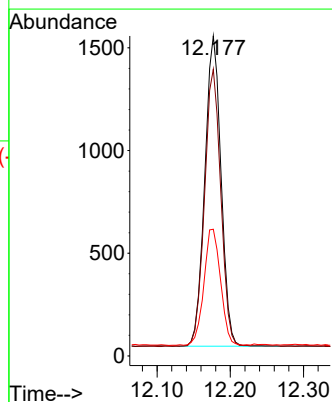
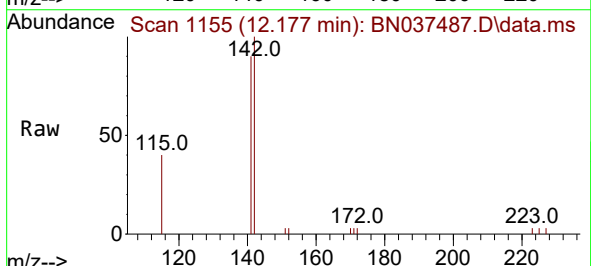
Instrument :
BNA_N
ClientSampleId :
PB168720BS

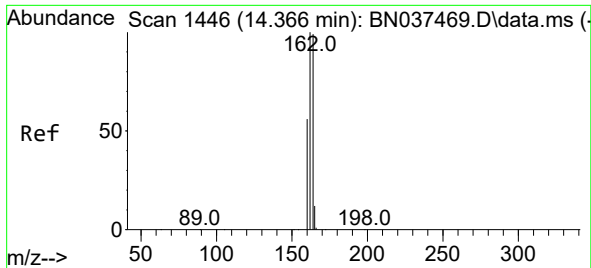
Tgt Ion:152 Resp: 2130
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6



#12
2-Methylnaphthalene
Concen: 0.306 ng
RT: 12.177 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Tgt Ion:142 Resp: 2332
Ion Ratio Lower Upper
142 100
141 89.6 70.6 105.8
115 39.6 30.0 45.0

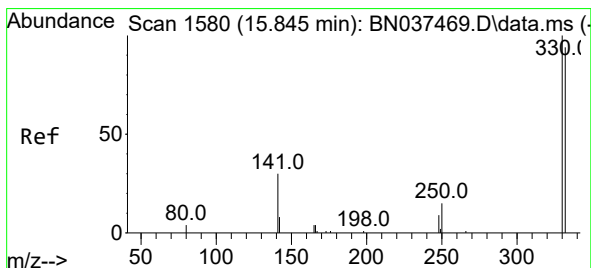
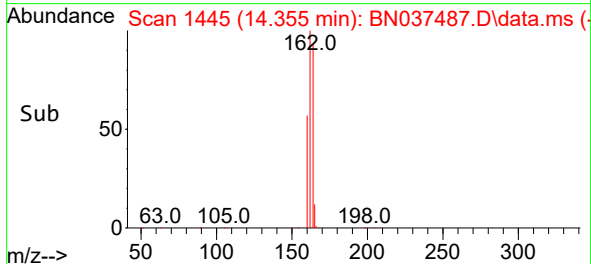
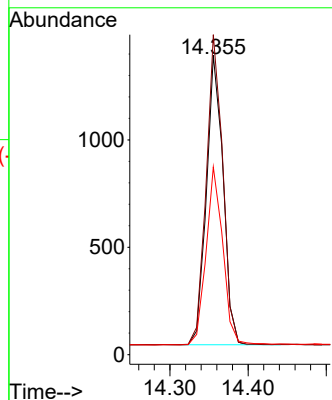
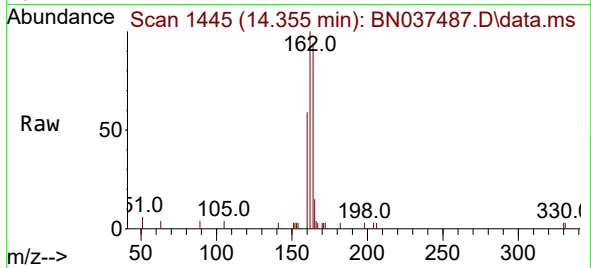




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1446
Delta R.T. -0.011 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

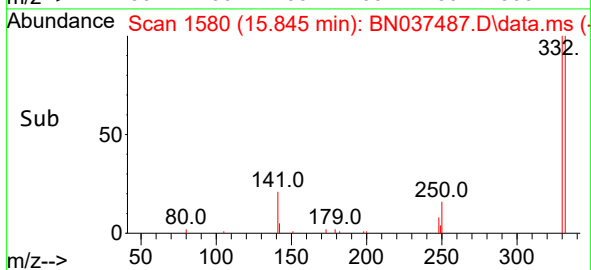
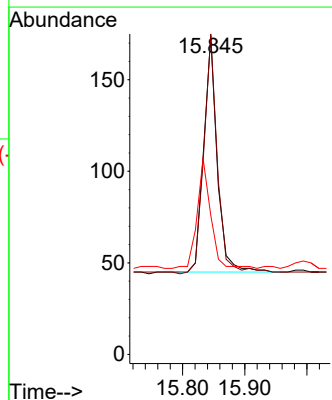
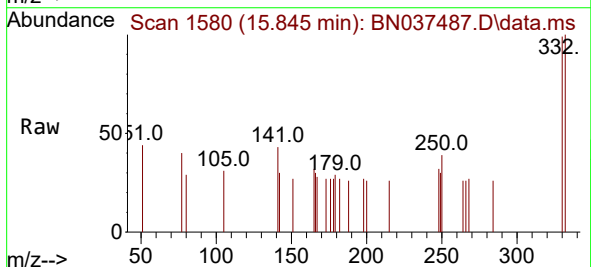
Instrument :
BNA_N
ClientSampleId :
PB168720BS

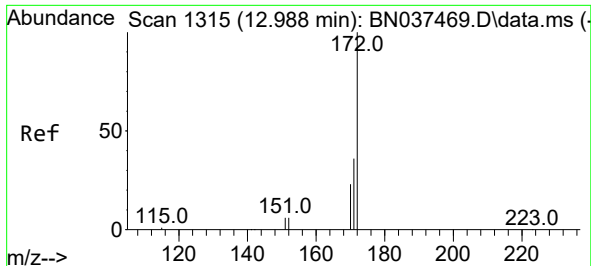
Tgt Ion:164 Resp: 2005
Ion Ratio Lower Upper
164 100
162 106.9 81.1 121.7
160 62.7 46.5 69.7



#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Tgt Ion:330 Resp: 195
Ion Ratio Lower Upper
330 100
332 104.1 82.0 123.0
141 46.2 36.2 54.2

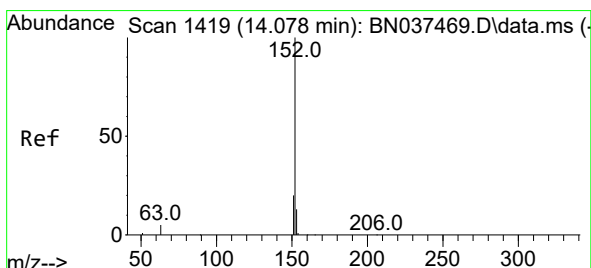
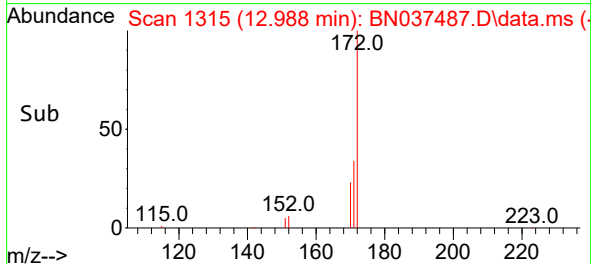
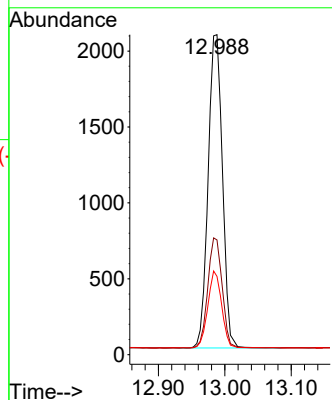
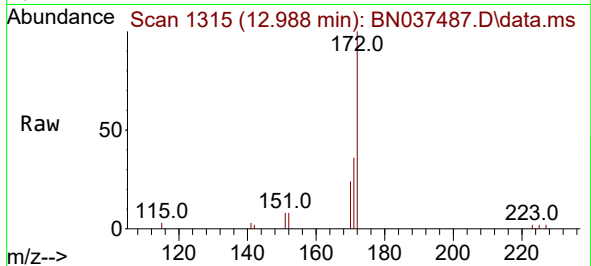




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.988 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

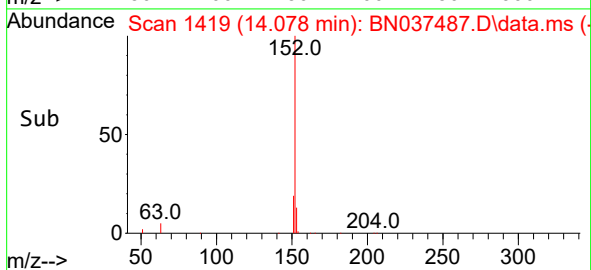
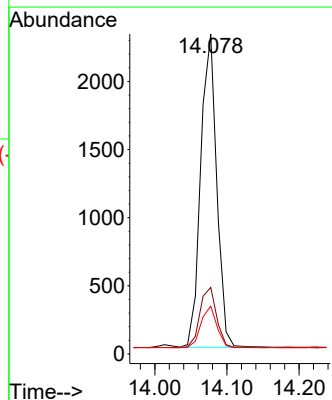
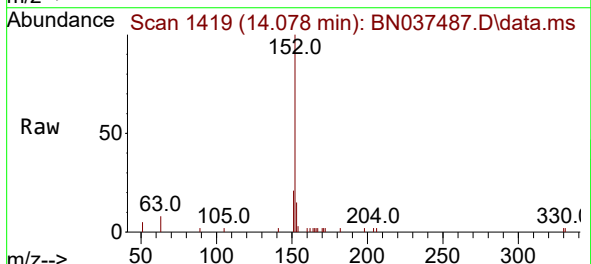
Instrument :
BNA_N
ClientSampleId :
PB168720BS

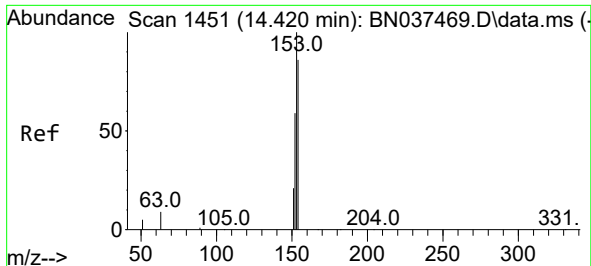
Tgt Ion:	172	Resp:	4148
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.8	44.8
170	24.5	20.0	30.0



#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.078 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Tgt Ion:	152	Resp:	3543
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.4	24.6
153	13.3	10.6	15.8

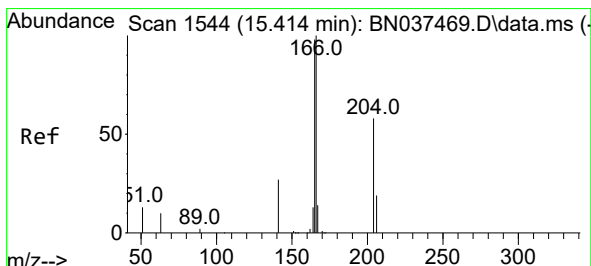
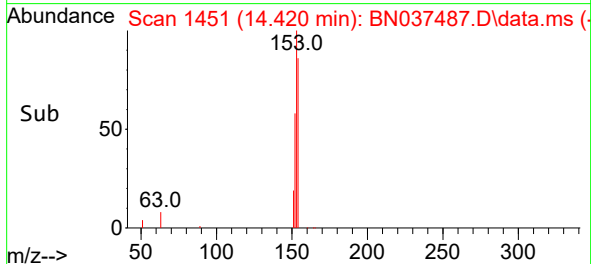
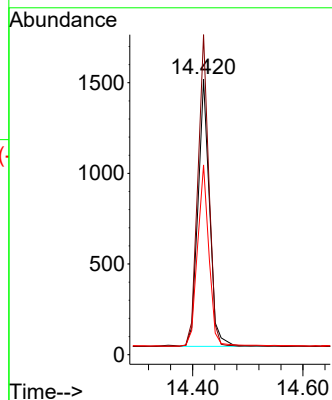
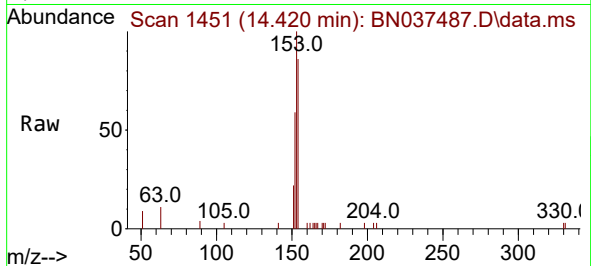




#17
Acenaphthene
Concen: 0.350 ng
RT: 14.420 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

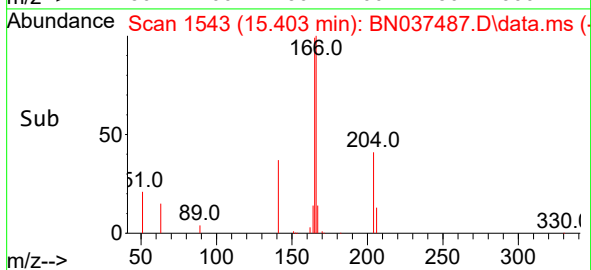
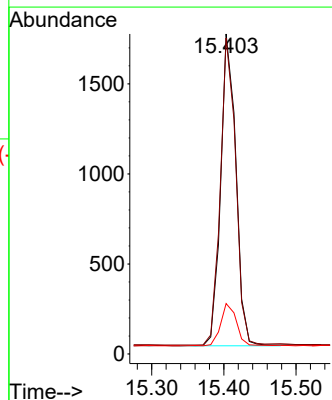
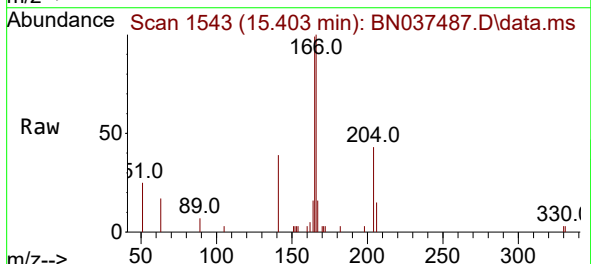
Instrument :
BNA_N
ClientSampleId :
PB168720BS

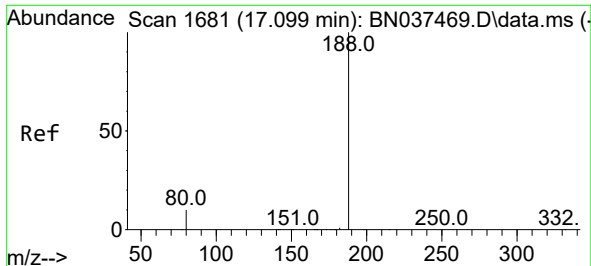
Tgt Ion:154 Resp: 2144
Ion Ratio Lower Upper
154 100
153 111.8 89.4 134.0
152 67.0 53.2 79.8



#18
Fluorene
Concen: 0.328 ng
RT: 15.403 min Scan# 1543
Delta R.T. -0.011 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Tgt Ion:166 Resp: 2528
Ion Ratio Lower Upper
166 100
165 101.7 79.4 119.2
167 14.0 10.6 15.8

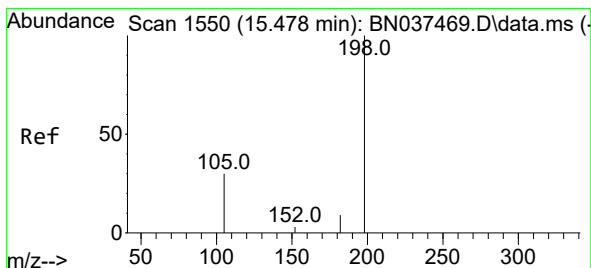
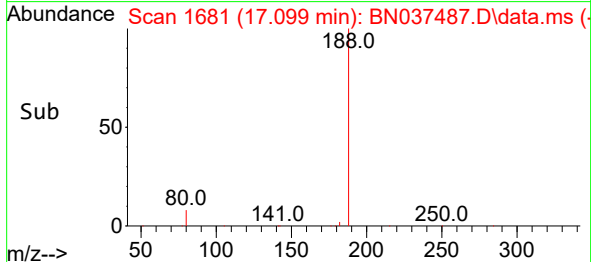
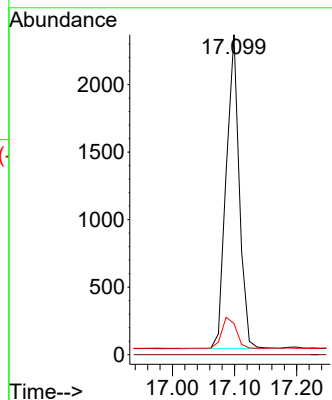
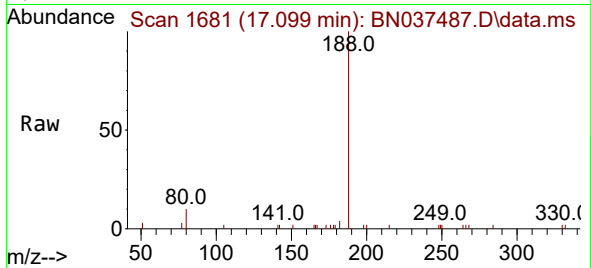




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

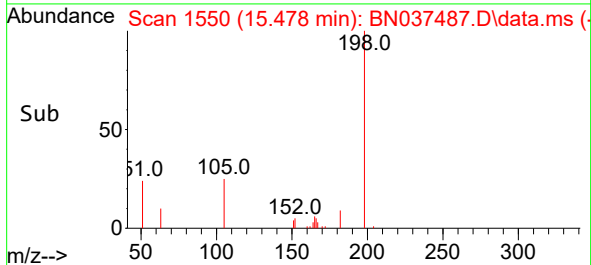
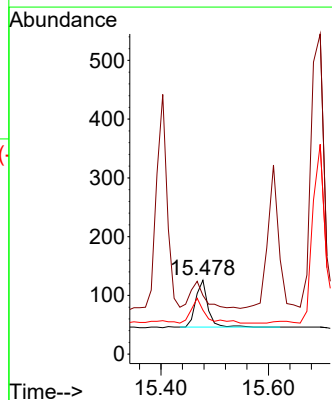
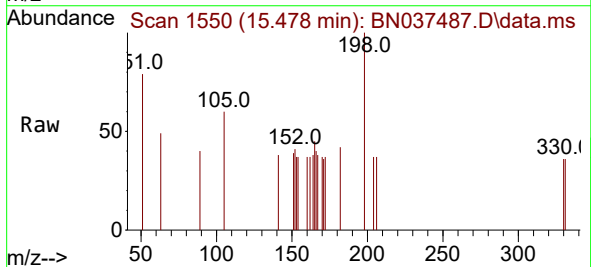
Instrument :
BNA_N
ClientSampleId :
PB168720BS

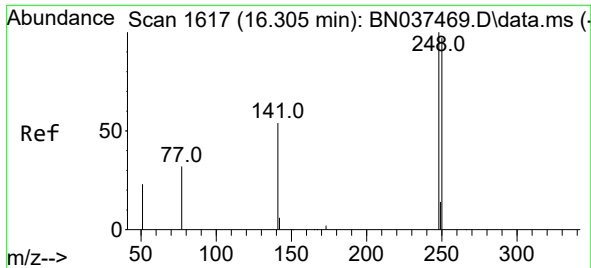
Tgt Ion:188 Resp: 3383
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 9.3 13.9



#20
4,6-Dinitro-2-methylphenol
Concen: 0.358 ng
RT: 15.478 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Tgt Ion:198 Resp: 136
Ion Ratio Lower Upper
198 100
51 79.4 86.0 129.0#
105 59.5 53.0 79.4

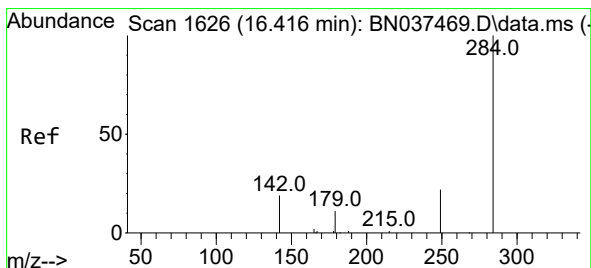
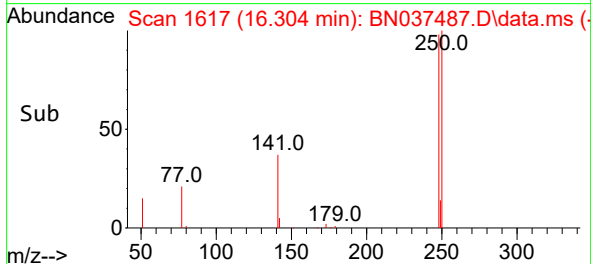
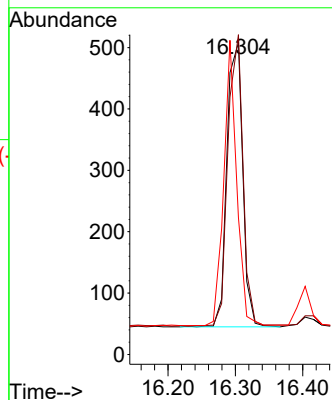
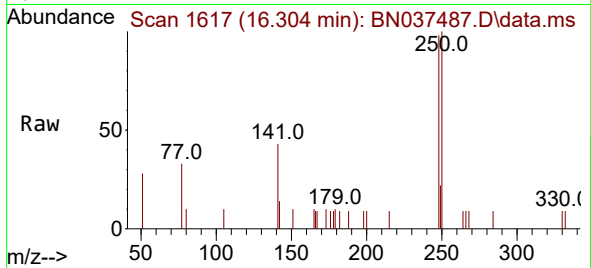




#21
4-Bromophenyl-phenylether
Concen: 0.356 ng
RT: 16.304 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

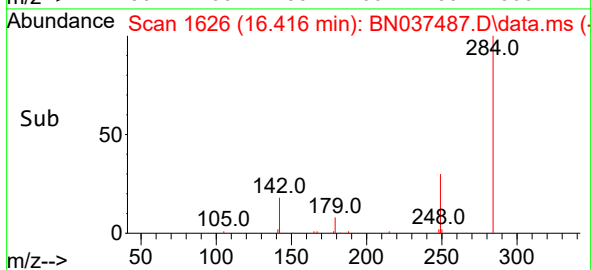
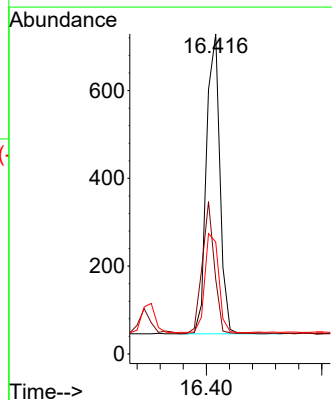
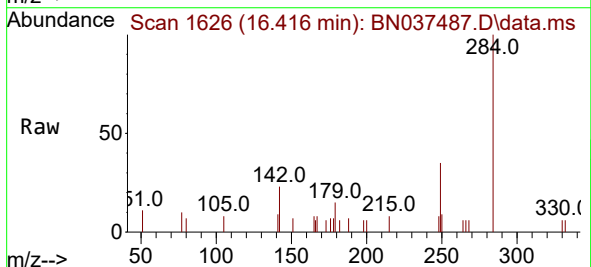
Instrument :
BNA_N
ClientSampleId :
PB168720BS

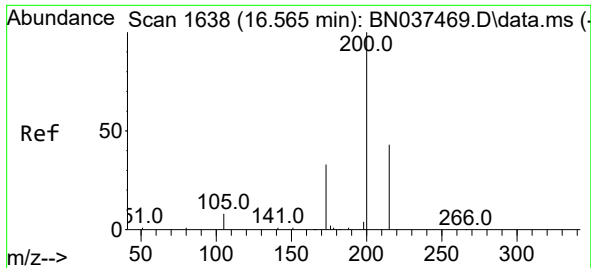
Tgt Ion:248 Resp: 751
Ion Ratio Lower Upper
248 100
250 102.6 77.8 116.6
141 43.9 45.9 68.9#



#22
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.416 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Tgt Ion:284 Resp: 1101
Ion Ratio Lower Upper
284 100
142 40.1 31.3 46.9
249 34.4 26.6 40.0

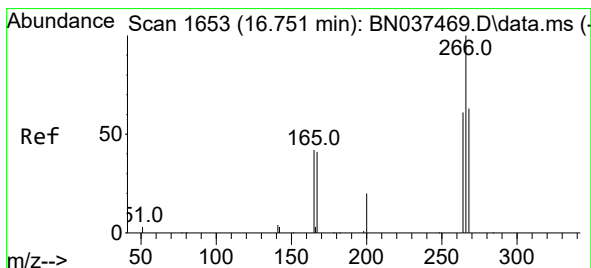
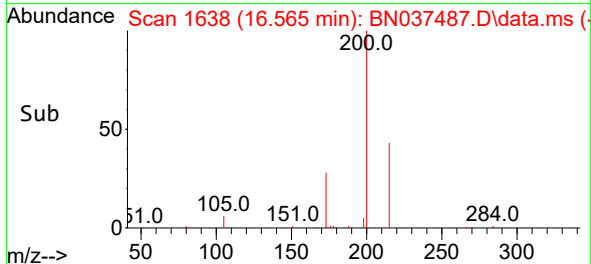
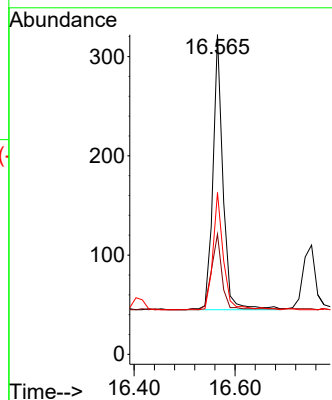
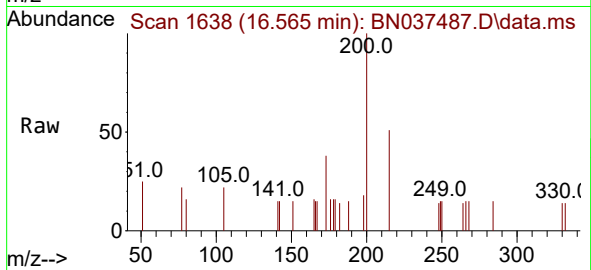




#23
 Atrazine
 Concen: 0.364 ng
 RT: 16.565 min Scan# 1638
 Delta R.T. 0.000 min
 Lab File: BN037487.D
 Acq: 14 Jul 2025 11:39

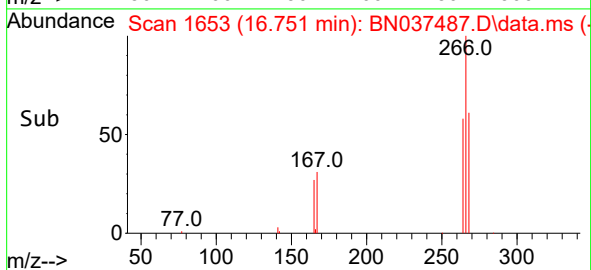
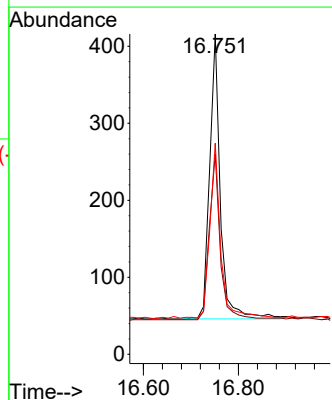
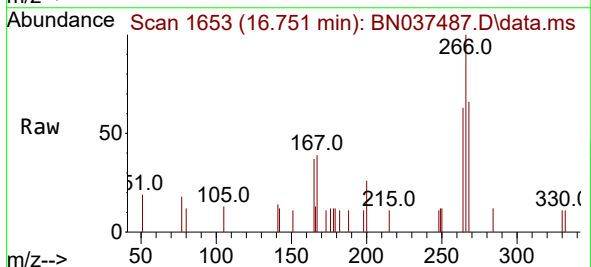
Instrument :
 BNA_N
 ClientSampleId :
 PB168720BS

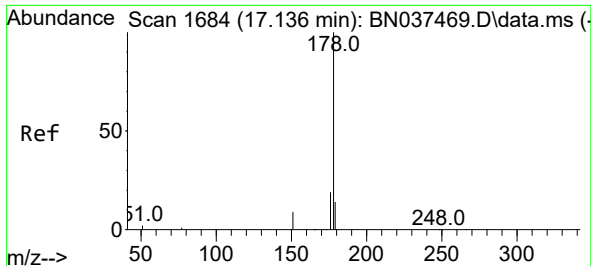
Tgt Ion:200 Resp: 382
 Ion Ratio Lower Upper
 200 100
 173 37.6 34.3 51.5
 215 50.6 41.6 62.4



#24
 Pentachlorophenol
 Concen: 0.580 ng
 RT: 16.751 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BN037487.D
 Acq: 14 Jul 2025 11:39

Tgt Ion:266 Resp: 582
 Ion Ratio Lower Upper
 266 100
 264 58.9 47.5 71.3
 268 60.7 50.6 76.0

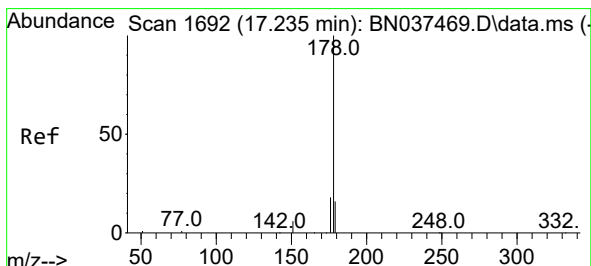
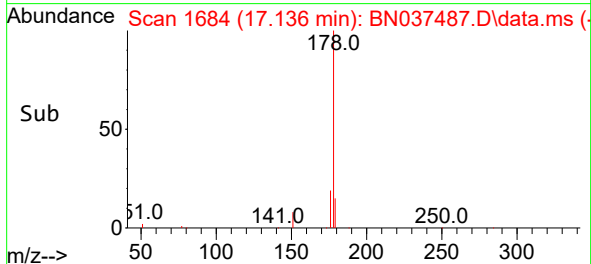
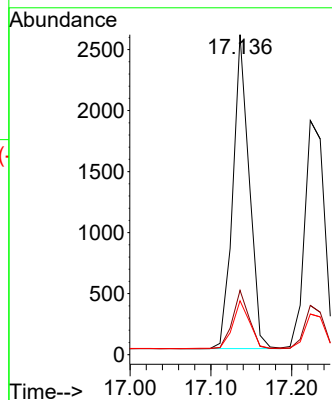
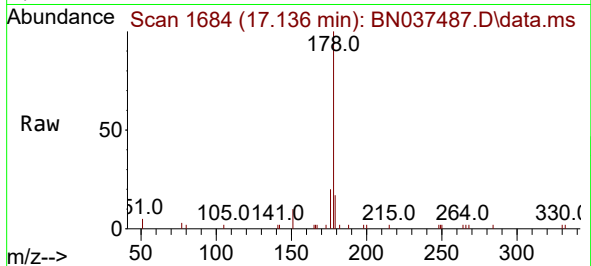




#25
Phenanthrene
Concen: 0.351 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

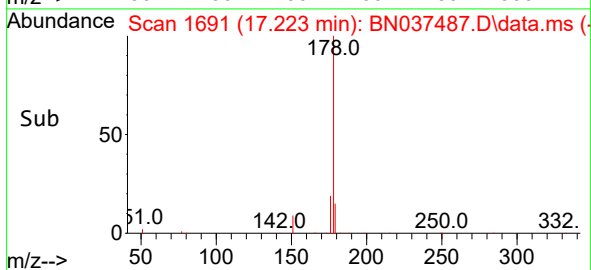
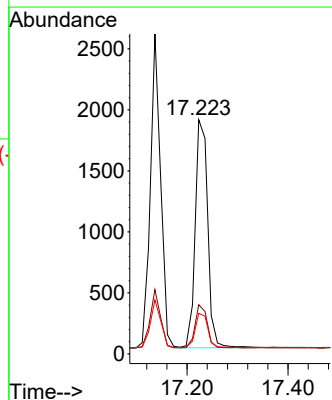
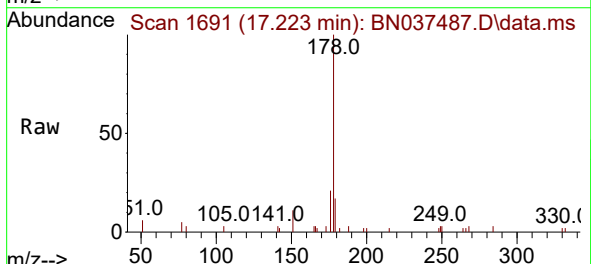
Instrument :
BNA_N
ClientSampleId :
PB168720BS

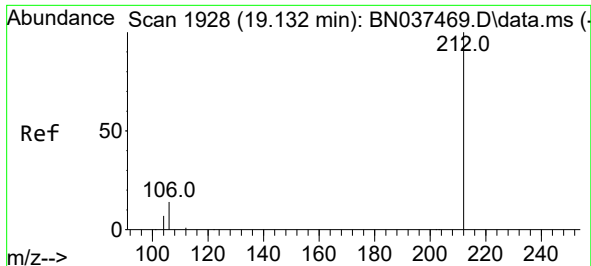
Tgt Ion:178 Resp: 3618
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.9 12.2 18.2



#26
Anthracene
Concen: 0.346 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Tgt Ion:178 Resp: 3215
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.5 12.3 18.5

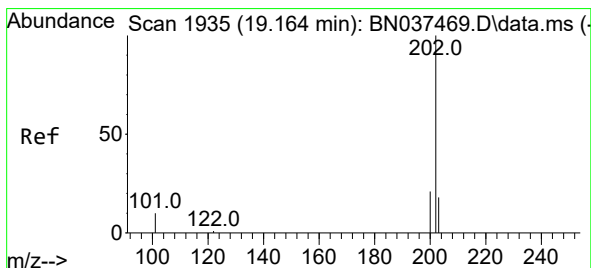
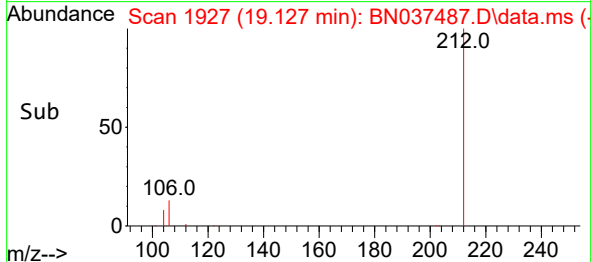
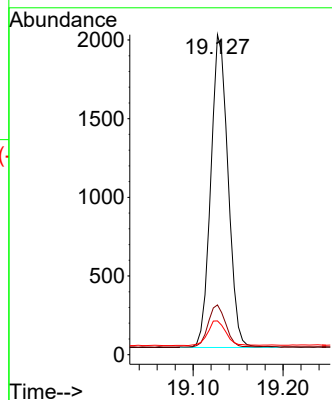
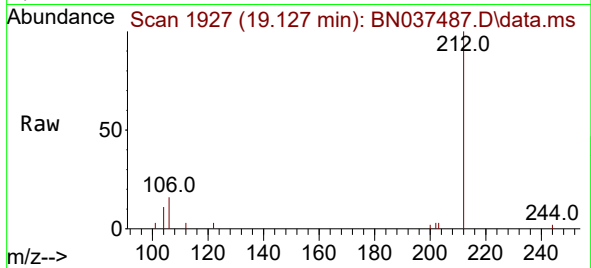




#27
Fluoranthene-d10
Concen: 0.310 ng
RT: 19.127 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

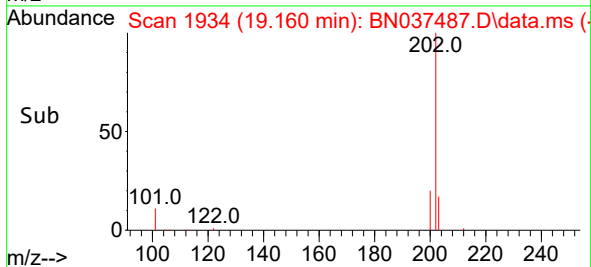
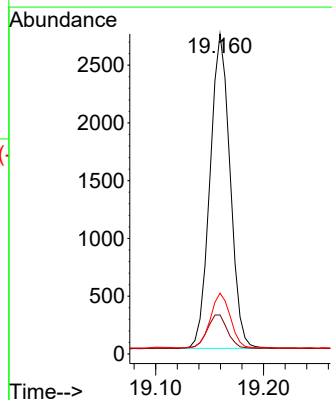
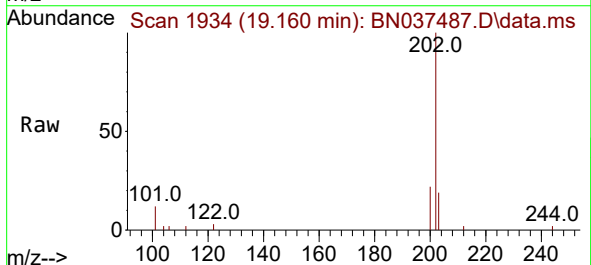
Instrument :
BNA_N
ClientSampleId :
PB168720BS

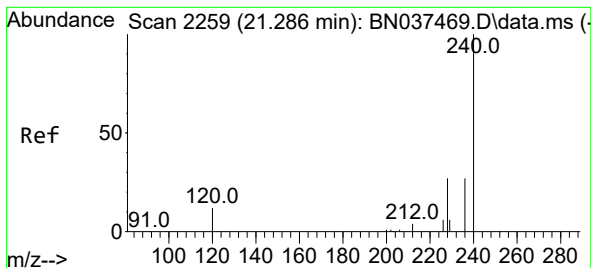
Tgt Ion:212 Resp: 2645
Ion Ratio Lower Upper
212 100
106 13.5 11.7 17.5
104 8.4 6.6 10.0



#28
Fluoranthene
Concen: 0.311 ng
RT: 19.160 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Tgt Ion:202 Resp: 3519
Ion Ratio Lower Upper
202 100
101 11.3 9.2 13.8
203 17.2 14.0 21.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037487.D

Acq: 14 Jul 2025 11:39

Instrument :

BNA_N

ClientSampleId :

PB168720BS

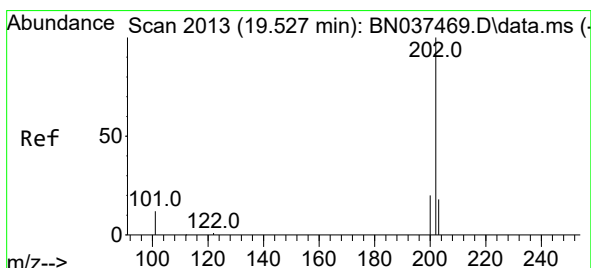
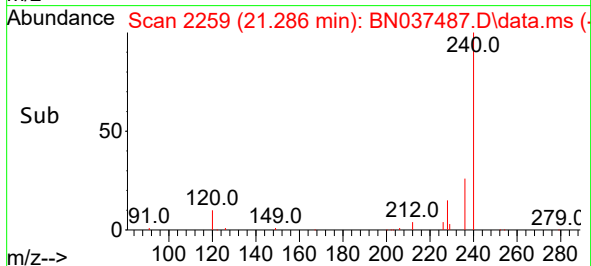
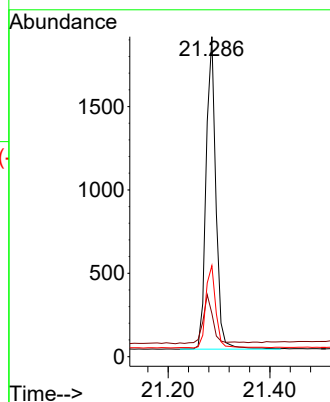
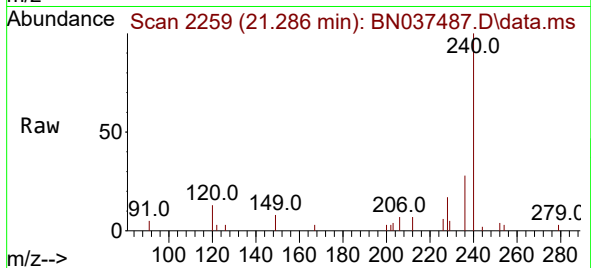
Tgt Ion:240 Resp: 2498

Ion Ratio Lower Upper

240 100

120 13.5 12.4 18.6

236 28.5 22.9 34.3



#30

Pyrene

Concen: 0.344 ng

RT: 19.522 min Scan# 2012

Delta R.T. -0.005 min

Lab File: BN037487.D

Acq: 14 Jul 2025 11:39

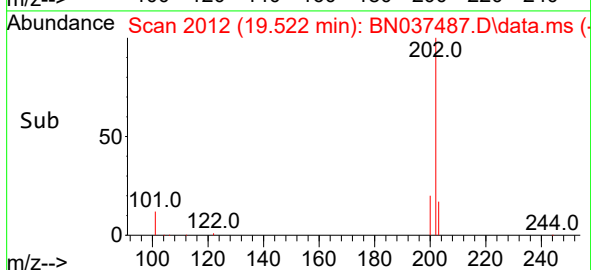
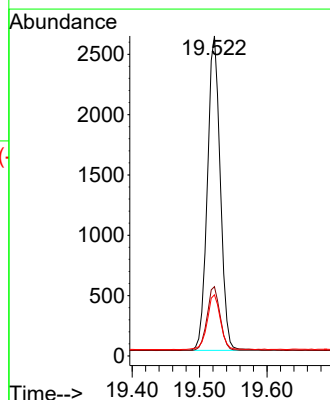
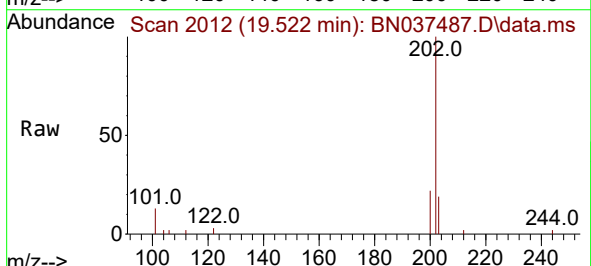
Tgt Ion:202 Resp: 3456

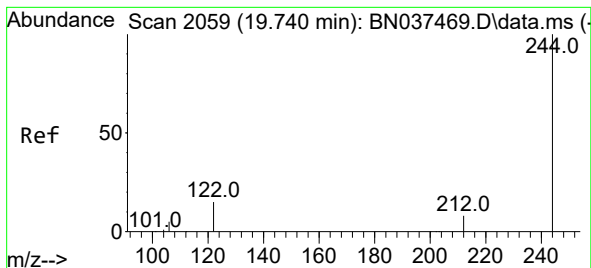
Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

203 18.0 14.3 21.5





#31

Terphenyl-d14

Concen: 0.359 ng

RT: 19.736 min Scan# 2058

Delta R.T. -0.005 min

Lab File: BN037487.D

Acq: 14 Jul 2025 11:39

Instrument :

BNA_N

ClientSampleId :

PB168720BS

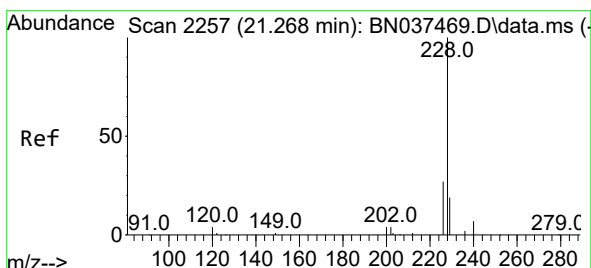
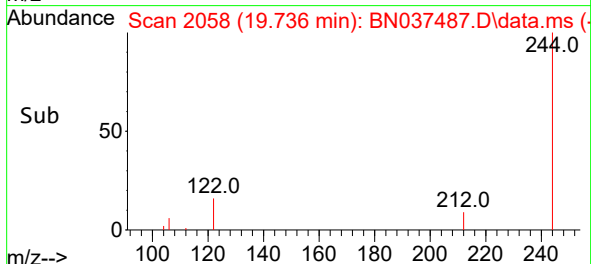
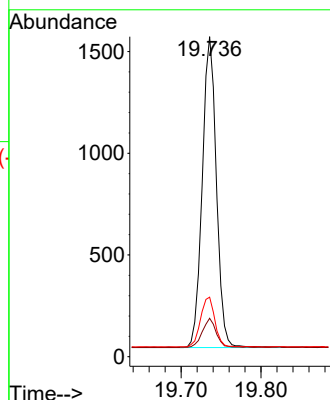
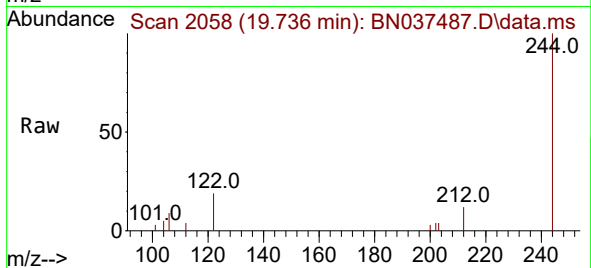
Tgt Ion:244 Resp: 1871

Ion Ratio Lower Upper

244 100

212 12.0 8.7 13.1

122 18.6 14.1 21.1



#32

Benzo(a)anthracene

Concen: 0.345 ng

RT: 21.268 min Scan# 2257

Delta R.T. -0.000 min

Lab File: BN037487.D

Acq: 14 Jul 2025 11:39

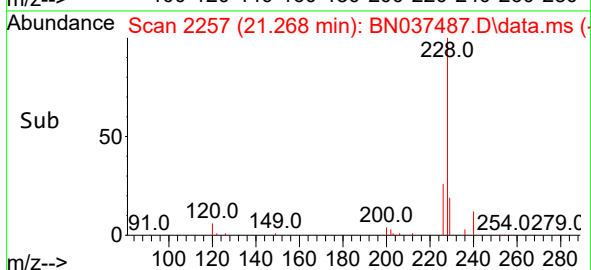
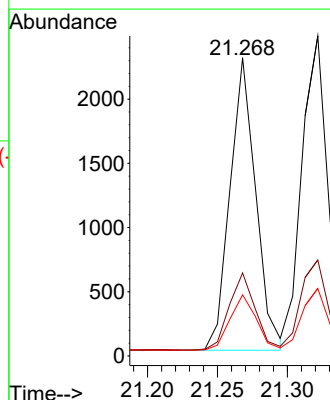
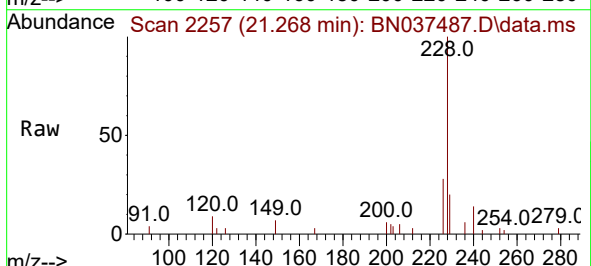
Tgt Ion:228 Resp: 2920

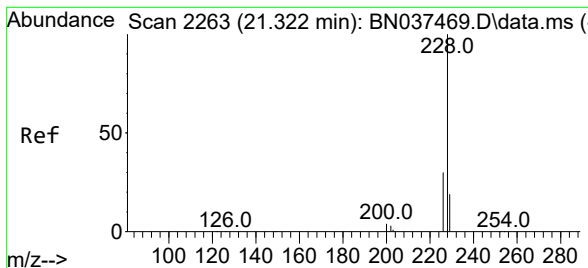
Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

229 20.5 16.6 24.8





#33

Chrysene

Concen: 0.351 ng

RT: 21.322 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037487.D

Acq: 14 Jul 2025 11:39

Instrument :

BNA_N

ClientSampleId :

PB168720BS

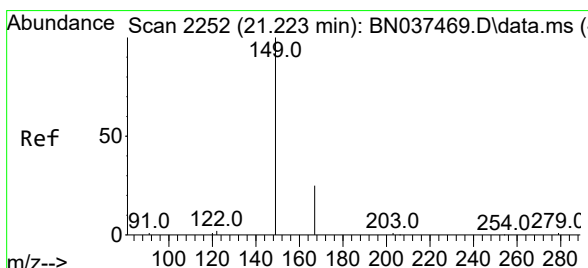
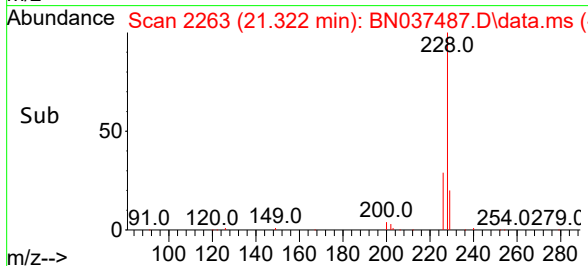
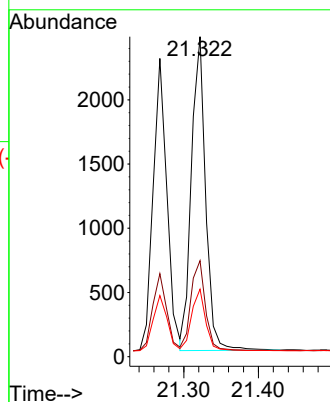
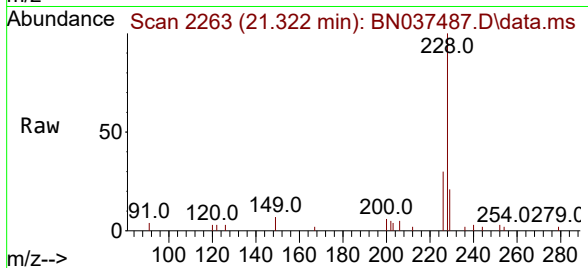
Tgt Ion:228 Resp: 3244

Ion Ratio Lower Upper

228 100

226 30.0 24.6 36.8

229 21.1 16.4 24.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.360 ng

RT: 21.223 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BN037487.D

Acq: 14 Jul 2025 11:39

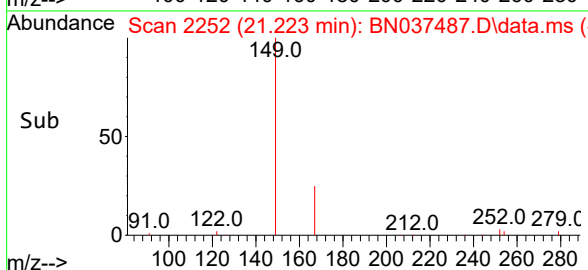
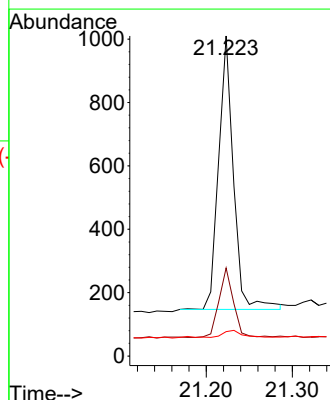
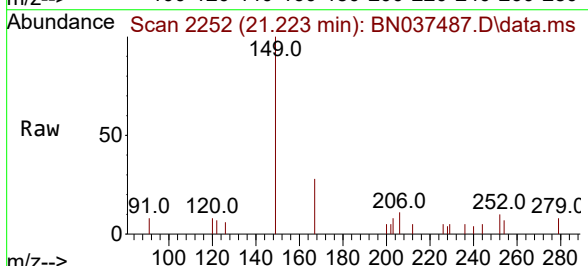
Tgt Ion:149 Resp: 1036

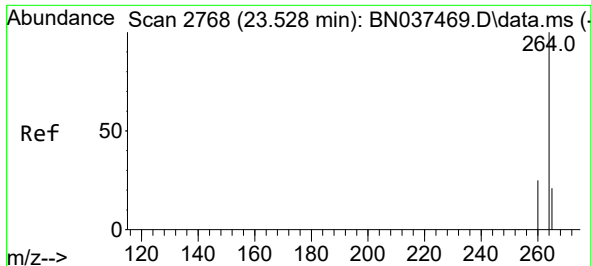
Ion Ratio Lower Upper

149 100

167 24.6 19.4 29.2

279 3.2 2.5 3.7

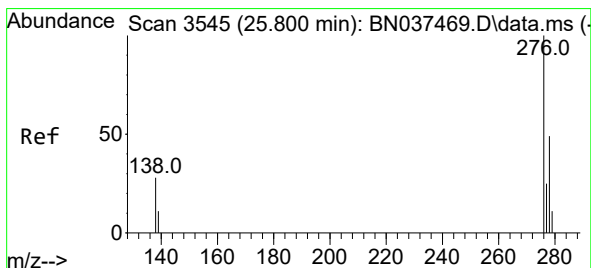
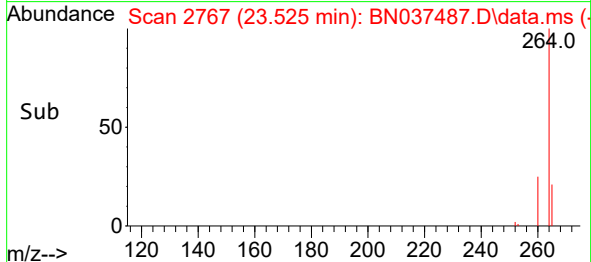
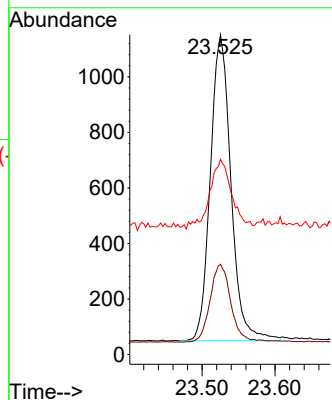
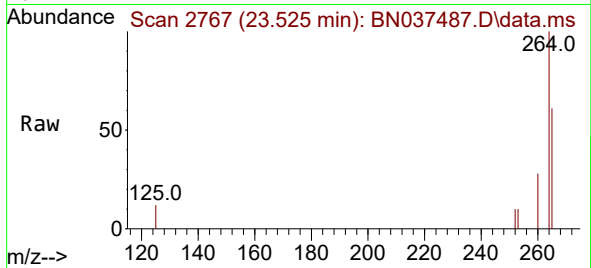




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.525 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN037487.D
 Acq: 14 Jul 2025 11:39

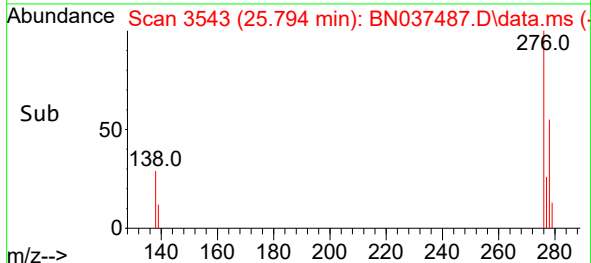
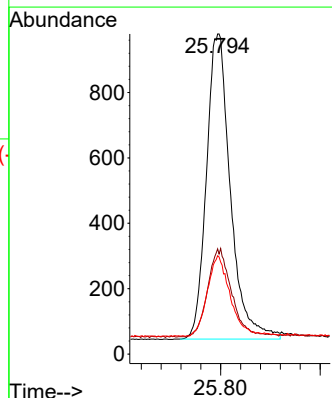
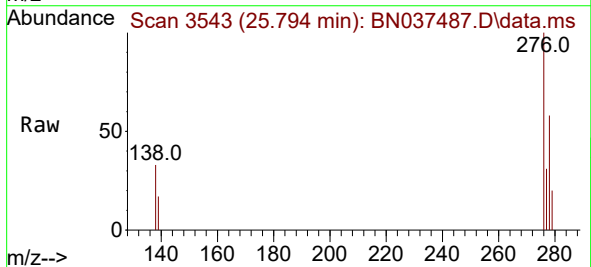
Instrument :
 BNA_N
 ClientSampleId :
 PB168720BS

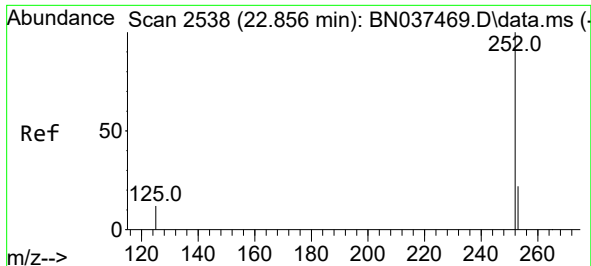
Tgt Ion:	264	Resp:	2162
Ion Ratio	Lower	Upper	
264	100		
260	28.2	21.7	32.5
265	61.0	41.6	62.4



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.373 ng
 RT: 25.794 min Scan# 3543
 Delta R.T. -0.006 min
 Lab File: BN037487.D
 Acq: 14 Jul 2025 11:39

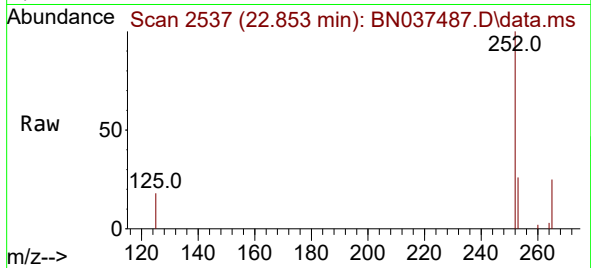
Tgt Ion:	276	Resp:	3126
Ion Ratio	Lower	Upper	
276	100		
138	28.7	23.4	35.2
277	25.3	19.8	29.8



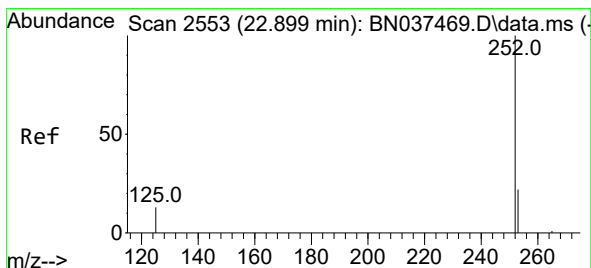
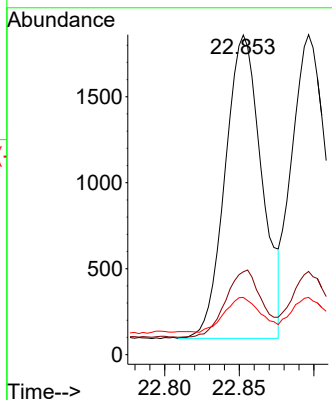


#37
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 22.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Instrument :
BNA_N
ClientSampleId :
PB168720BS

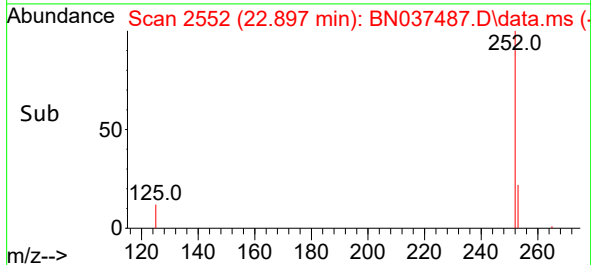
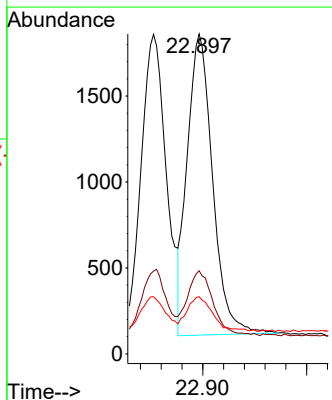
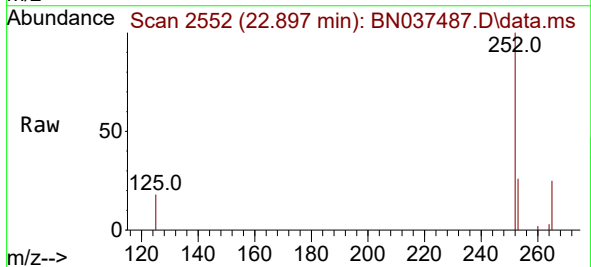


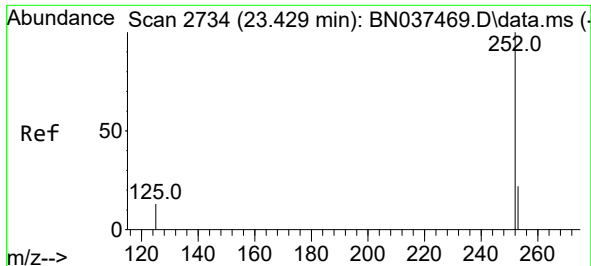
Tgt Ion:252 Resp: 3012
Ion Ratio Lower Upper
252 100
253 25.9 20.1 30.1
125 17.9 13.7 20.5



#38
Benzo(k)fluoranthene
Concen: 0.348 ng
RT: 22.897 min Scan# 2552
Delta R.T. -0.003 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Tgt Ion:252 Resp: 2969
Ion Ratio Lower Upper
252 100
253 26.0 20.4 30.6
125 17.9 14.6 21.8





#39

Benzo(a)pyrene

Concen: 0.378 ng

RT: 23.426 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN037487.D

Acq: 14 Jul 2025 11:39

Instrument :

BNA_N

ClientSampleId :

PB168720BS

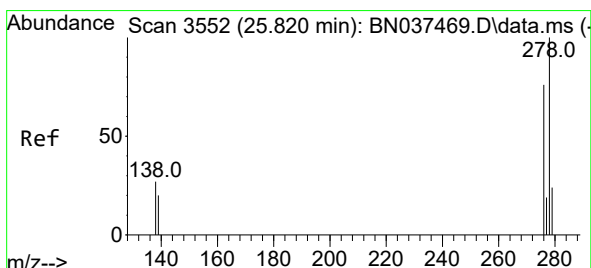
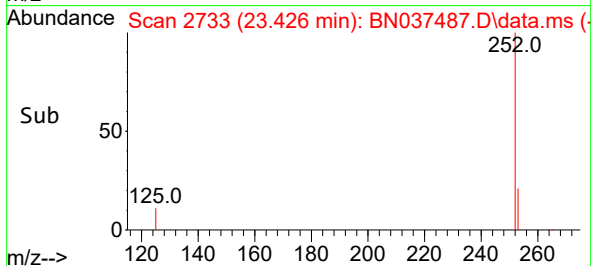
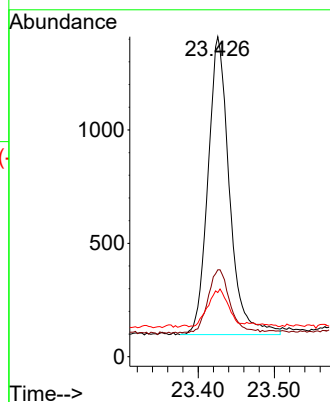
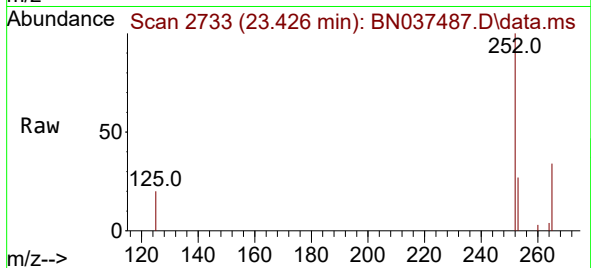
Tgt Ion:252 Resp: 2561

Ion Ratio Lower Upper

252 100

253 27.1 21.8 32.6

125 20.1 16.7 25.1



#40

Dibenzo(a,h)anthracene

Concen: 0.354 ng

RT: 25.811 min Scan# 3549

Delta R.T. -0.009 min

Lab File: BN037487.D

Acq: 14 Jul 2025 11:39

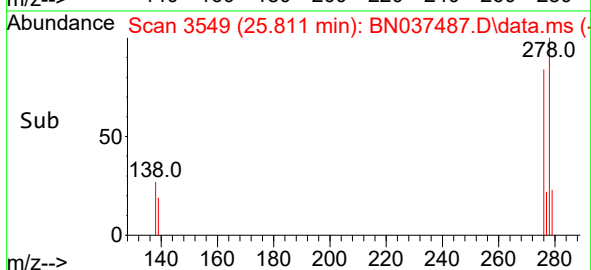
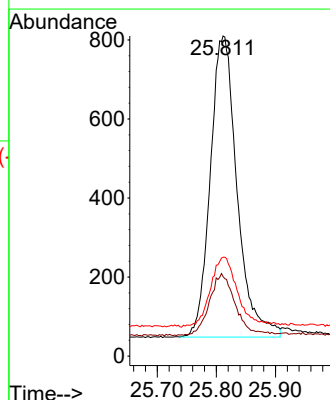
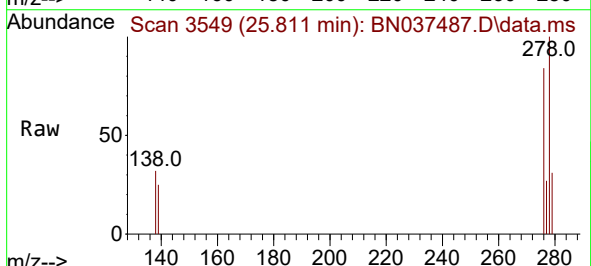
Tgt Ion:278 Resp: 2399

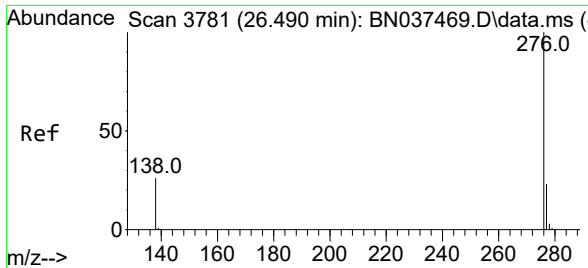
Ion Ratio Lower Upper

278 100

139 24.8 19.9 29.9

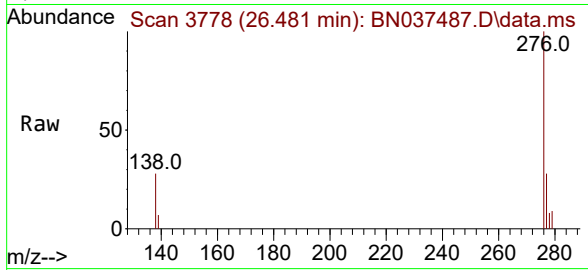
279 30.9 24.8 37.2





#41
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 26.481 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN037487.D
Acq: 14 Jul 2025 11:39

Instrument :
BNA_N
ClientSampleId :
PB168720BS



Tgt Ion:	276	Resp:	2774
Ion	Ratio	Lower	Upper
276	100		
277	27.7	21.7	32.5
138	28.3	24.3	36.5

