

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
 Data File : BN037494.D
 Acq On : 14 Jul 2025 16:47
 Operator : RC/JU
 Sample : PB168831BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168831BS

Quant Time: Jul 14 17:33:38 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)

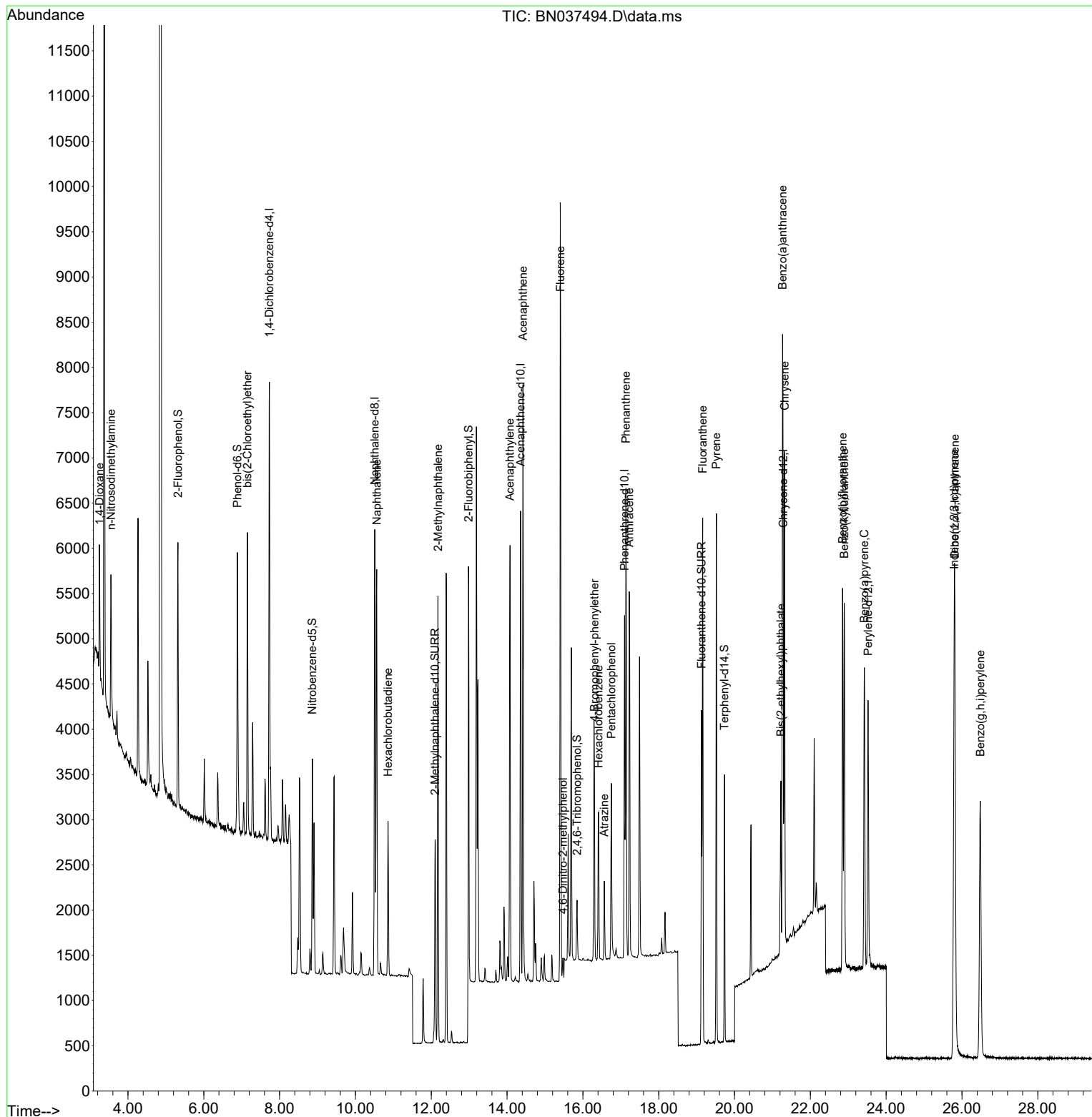
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	2484	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	6222	0.400	ng	# 0.00
13) Acenaphthene-d10	14.356	164	2912	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4750	0.400	ng	0.00
29) Chrysene-d12	21.286	240	3630	0.400	ng	# 0.00
35) Perylene-d12	23.522	264	3754	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2280	0.394	ng	0.00
5) Phenol-d6	6.887	99	2700	0.371	ng	0.00
8) Nitrobenzene-d5	8.865	82	1753	0.388	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	3090m	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	376	0.381	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	6614	0.398	ng	0.00
27) Fluoranthene-d10	19.132	212	4017	0.335	ng	0.00
31) Terphenyl-d14	19.736	244	2790	0.368	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	793	0.340	ng	# 94
3) n-Nitrosodimethylamine	3.550	42	1069	0.343	ng	# 74
6) bis(2-Chloroethyl)ether	7.154	93	2389	0.393	ng	99
9) Naphthalene	10.562	128	5988	0.358	ng	98
10) Hexachlorobutadiene	10.861	225	1348	0.336	ng	# 99
12) 2-Methylnaphthalene	12.177	142	3400	0.325	ng	98
16) Acenaphthylene	14.078	152	5220	0.393	ng	100
17) Acenaphthene	14.420	154	3110	0.349	ng	97
18) Fluorene	15.403	166	3733	0.333	ng	99
20) 4,6-Dinitro-2-methylph...	15.478	198	211	0.395	ng	# 78
21) 4-Bromophenyl-phenylether	16.305	248	1128	0.381	ng	# 88
22) Hexachlorobenzene	16.416	284	1517	0.371	ng	97
23) Atrazine	16.565	200	643	0.436	ng	97
24) Pentachlorophenol	16.751	266	1043	0.741	ng	98
25) Phenanthrene	17.136	178	5189	0.359	ng	100
26) Anthracene	17.223	178	4720	0.362	ng	100
28) Fluoranthene	19.160	202	5180	0.326	ng	99
30) Pyrene	19.522	202	5115	0.350	ng	100
32) Benzo(a)anthracene	21.268	228	4824	0.392	ng	100
33) Chrysene	21.322	228	4854	0.361	ng	99
34) Bis(2-ethylhexyl)phtha...	21.223	149	1671	0.400	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.794	276	6815	0.468	ng	98
37) Benzo(b)fluoranthene	22.850	252	5180	0.355	ng	99
38) Benzo(k)fluoranthene	22.894	252	5062	0.342	ng	99
39) Benzo(a)pyrene	23.426	252	4768	0.406	ng	99
40) Dibenzo(a,h)anthracene	25.811	278	5367	0.457	ng	95
41) Benzo(g,h,i)perylene	26.484	276	5768	0.448	ng	98

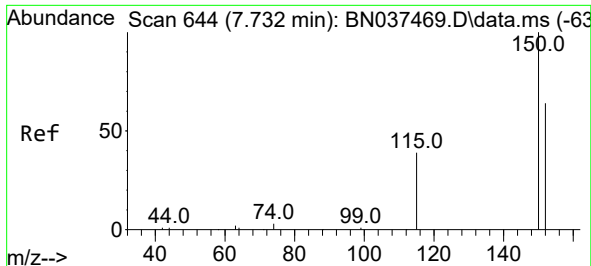
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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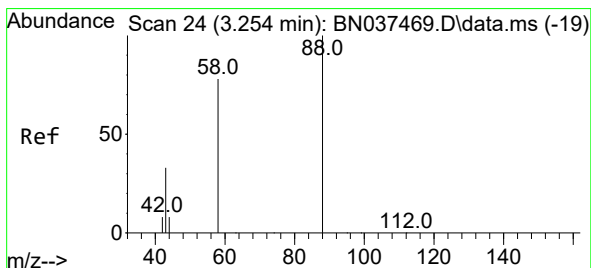
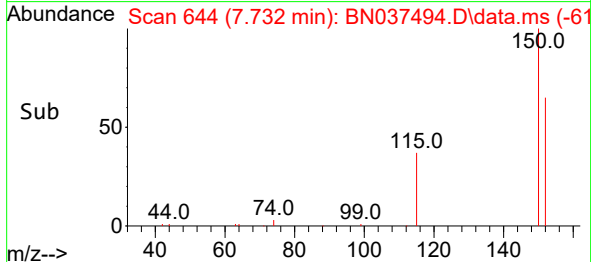
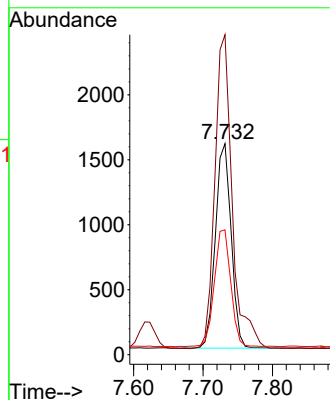
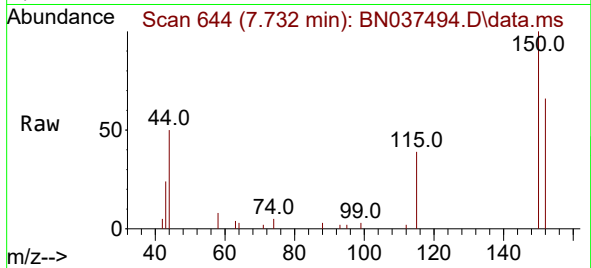




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN037494.D
 Acq: 14 Jul 2025 16:47

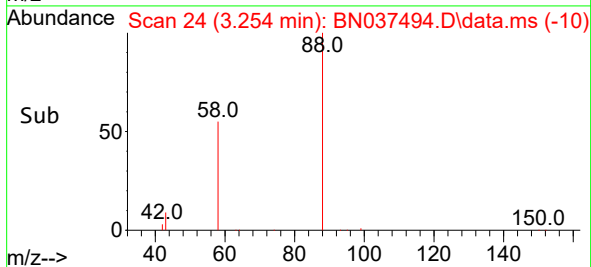
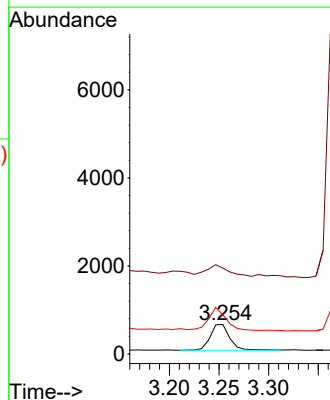
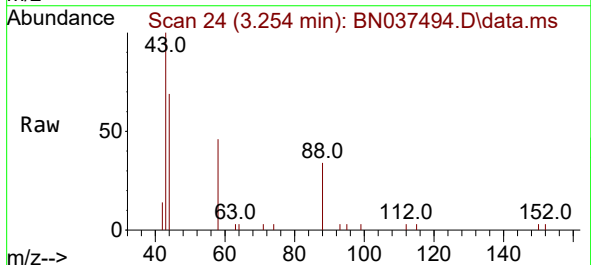
Instrument :
 BNA_N
 ClientSampleId :
 PB168831BS

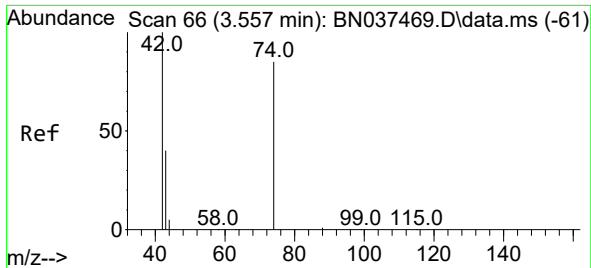
Tgt Ion:152 Resp: 2484
 Ion Ratio Lower Upper
 152 100
 150 151.7 122.5 183.7
 115 59.1 49.9 74.9



#2
 1,4-Dioxane
 Concen: 0.340 ng
 RT: 3.254 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN037494.D
 Acq: 14 Jul 2025 16:47

Tgt Ion: 88 Resp: 793
 Ion Ratio Lower Upper
 88 100
 43 48.5 30.7 46.1#
 58 80.2 65.0 97.4

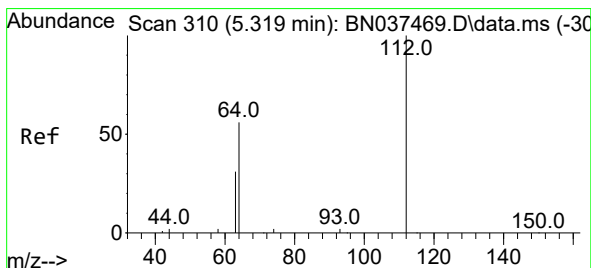
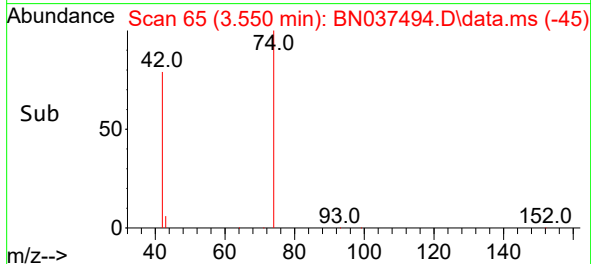
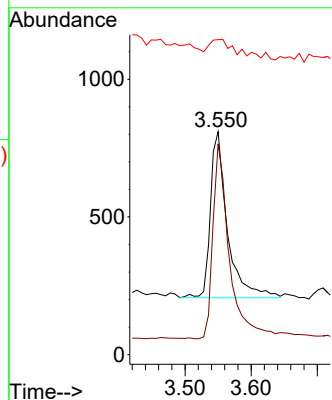
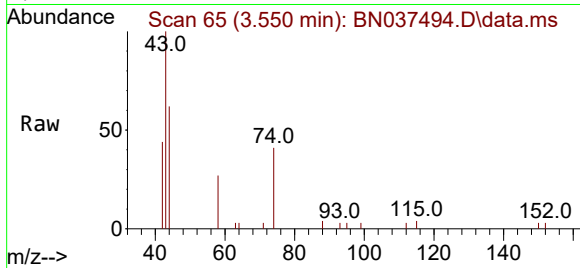




#3
n-Nitrosodimethylamine
Concen: 0.343 ng
RT: 3.550 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

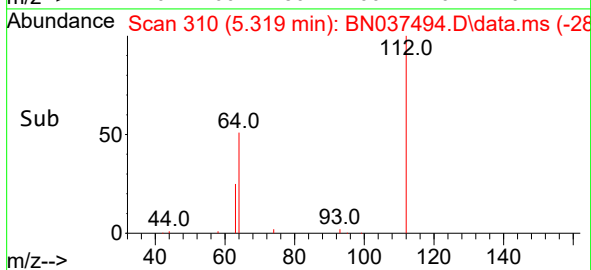
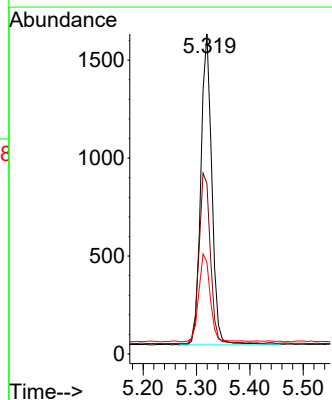
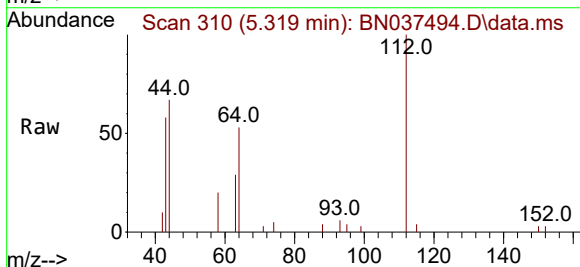
Instrument :
BNA_N
ClientSampleId :
PB168831BS

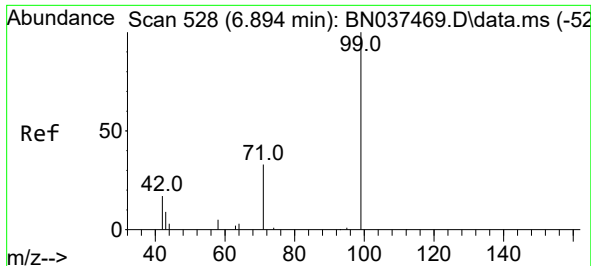
Tgt Ion: 42 Resp: 1069
Ion Ratio Lower Upper
42 100
74 118.3 74.9 112.3#
44 21.5 7.2 10.8#



#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Tgt Ion: 112 Resp: 2280
Ion Ratio Lower Upper
112 100
64 56.8 45.4 68.0
63 29.2 24.7 37.1

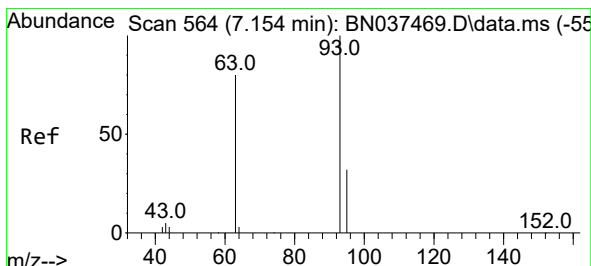
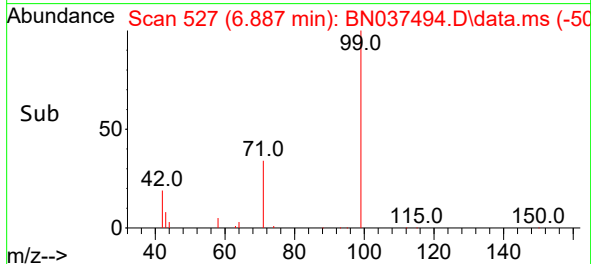
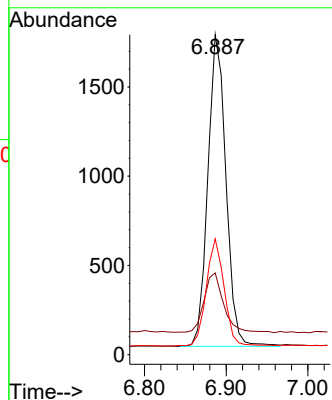
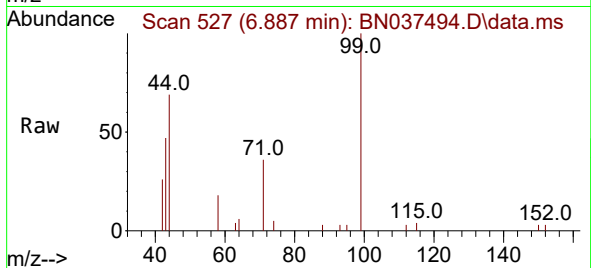




#5
Phenol-d6
Concen: 0.371 ng
RT: 6.887 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

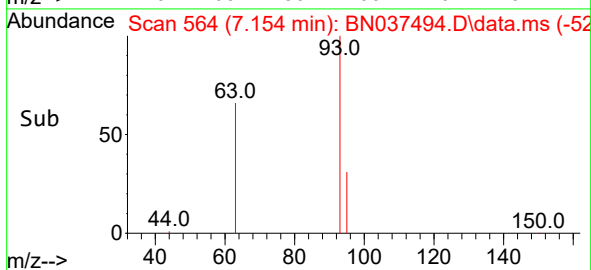
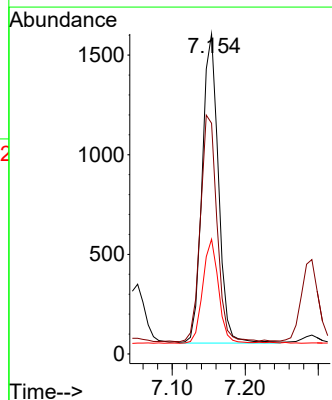
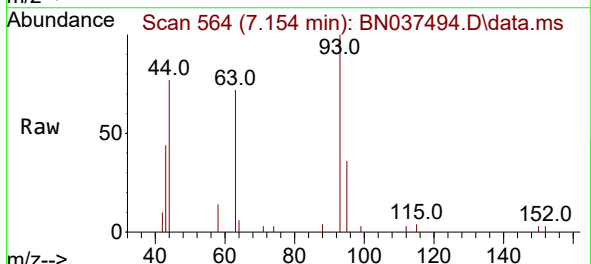
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ClientSampleId :
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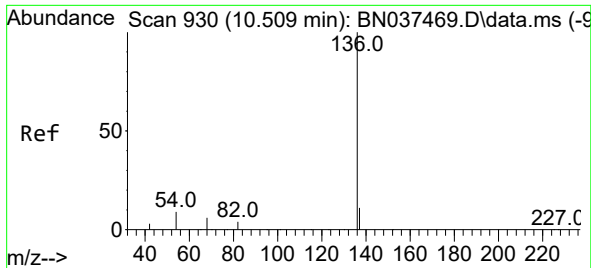
Tgt Ion: 99 Resp: 2700
Ion Ratio Lower Upper
99 100
42 20.9 19.5 29.3
71 34.2 29.4 44.2



#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.154 min Scan# 564
Delta R.T. 0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Tgt Ion: 93 Resp: 2389
Ion Ratio Lower Upper
93 100
63 74.8 60.8 91.2
95 32.7 25.6 38.4

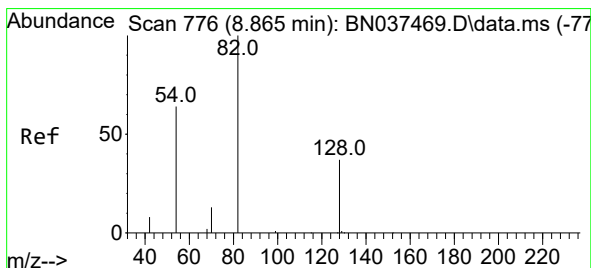
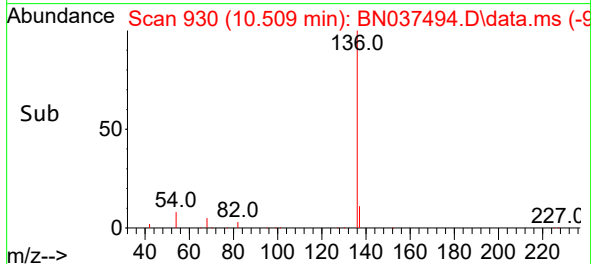
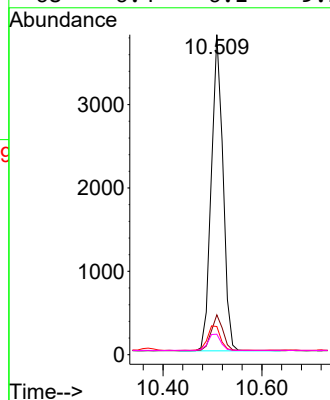
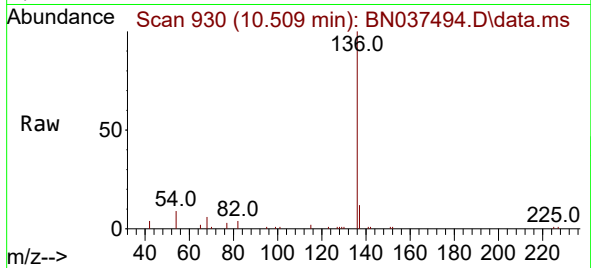




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

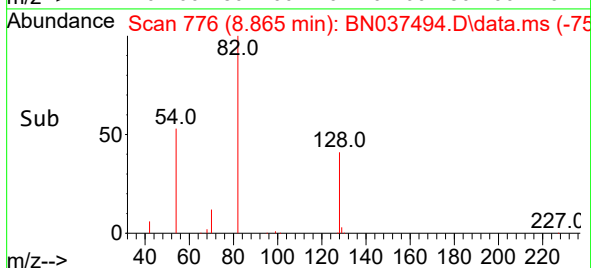
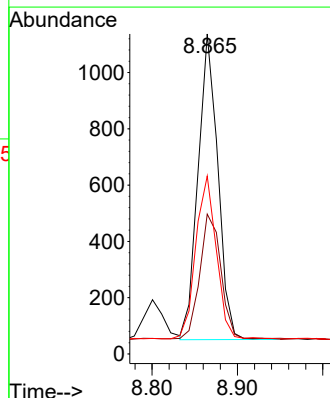
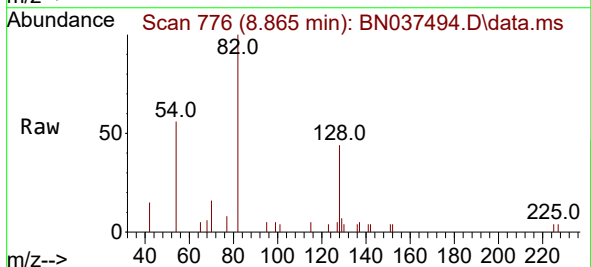
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ClientSampleId :
PB168831BS

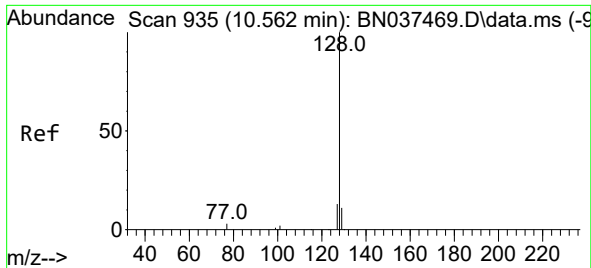
Tgt Ion:	136	Resp:	6222
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.0	15.0
54	8.8	9.0	13.6#
68	6.4	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 8.865 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Tgt Ion:	82	Resp:	1753
Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.1	49.7
54	55.6	53.0	79.4

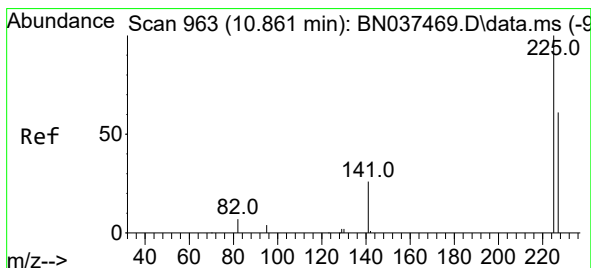
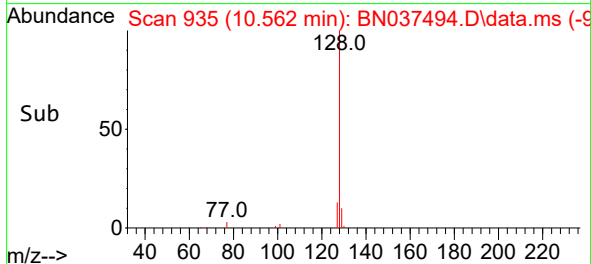
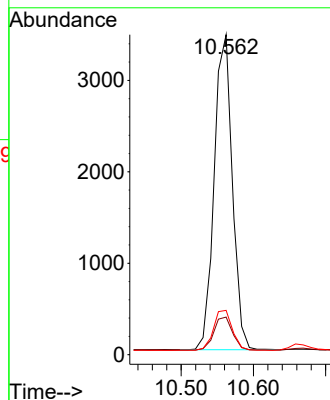
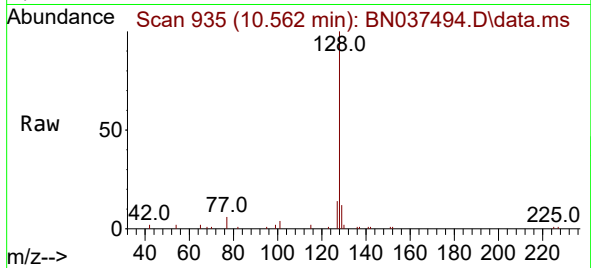




#9
Naphthalene
Concen: 0.358 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

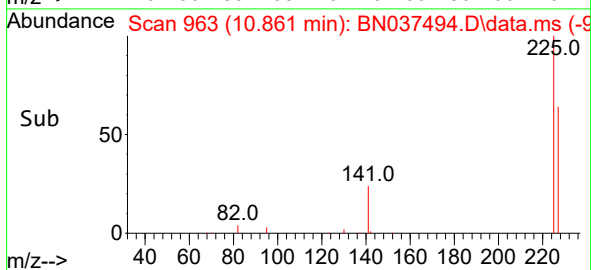
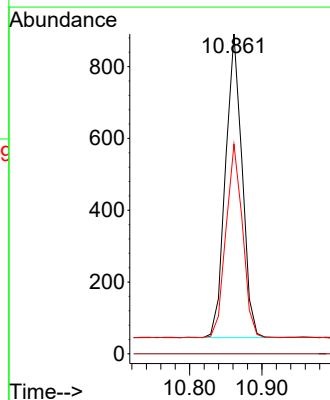
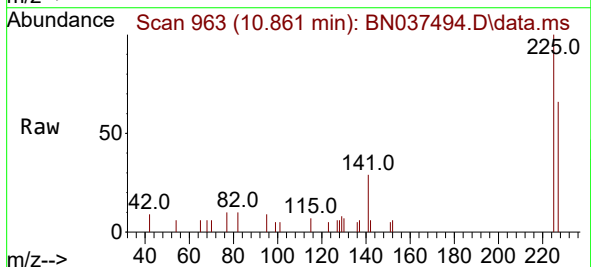
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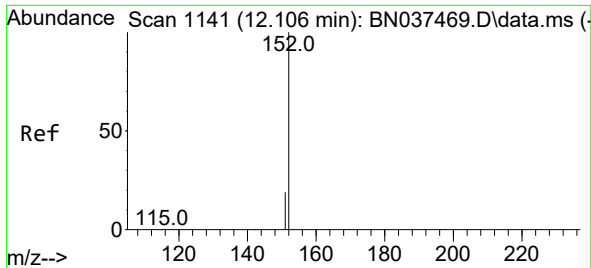
Tgt Ion:128 Resp: 5988
Ion Ratio Lower Upper
128 100
129 11.7 10.2 15.2
127 13.9 11.8 17.6



#10
Hexachlorobutadiene
Concen: 0.336 ng
RT: 10.861 min Scan# 963
Delta R.T. 0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Tgt Ion:225 Resp: 1348
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.6 51.4 77.2

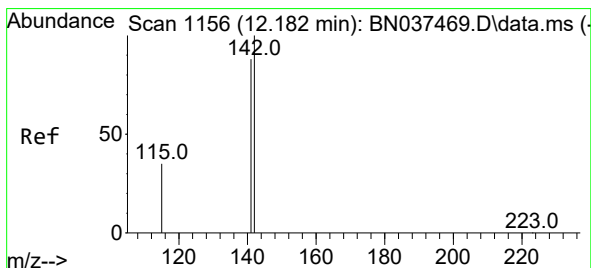
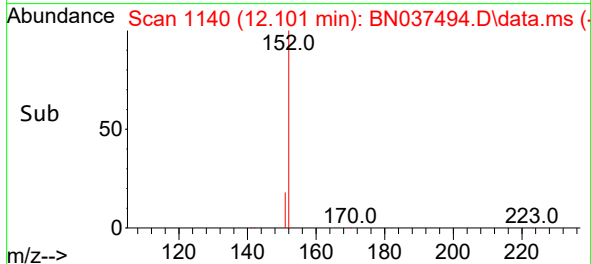
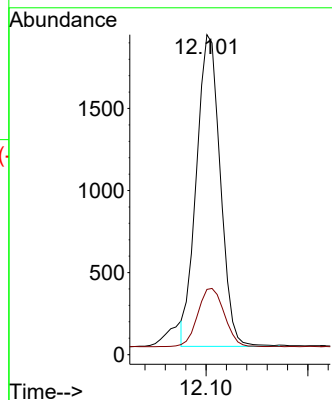
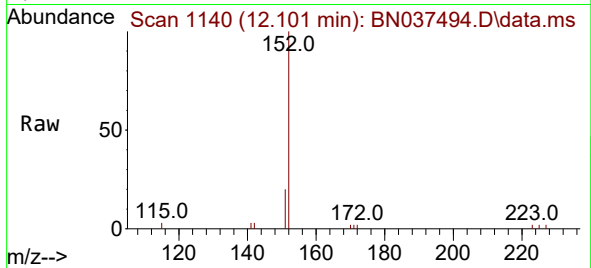




#11
2-Methylnaphthalene-d10
Concen: 0.365 ng m
RT: 12.101 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

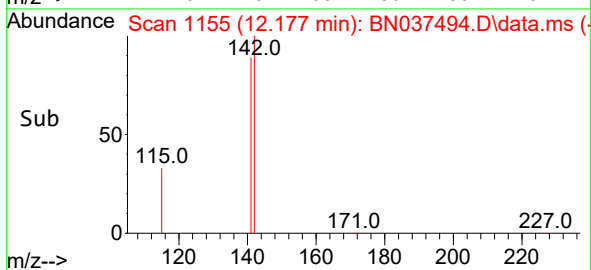
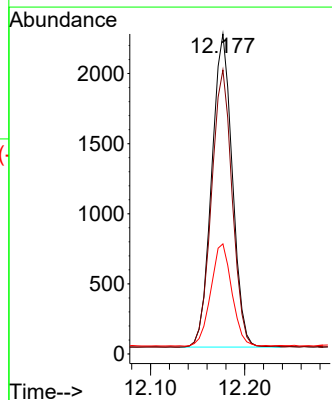
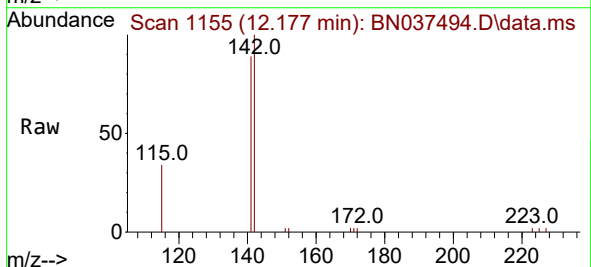
Instrument :
BNA_N
ClientSampleId :
PB168831BS

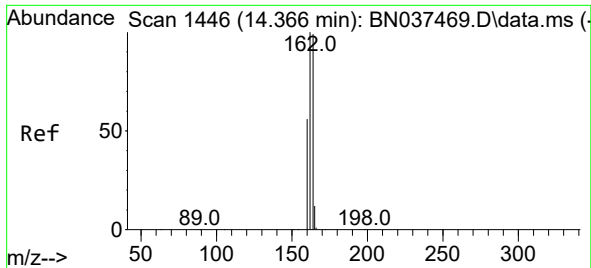
Tgt Ion:152 Resp: 3090
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6



#12
2-Methylnaphthalene
Concen: 0.325 ng
RT: 12.177 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Tgt Ion:142 Resp: 3400
Ion Ratio Lower Upper
142 100
141 88.7 70.6 105.8
115 34.4 30.0 45.0

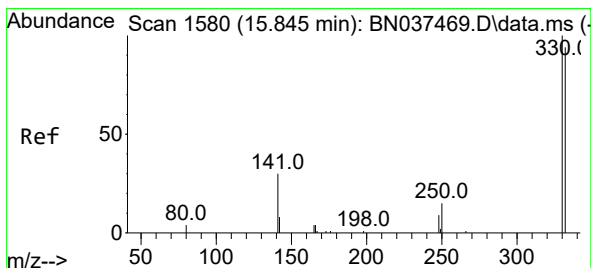
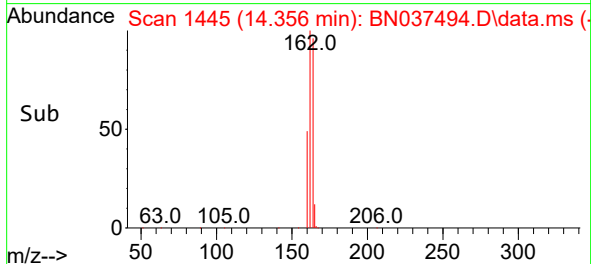
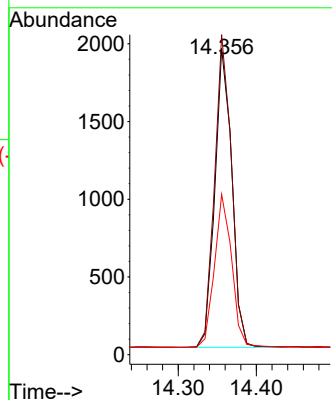
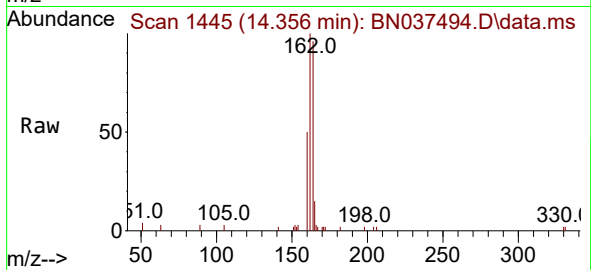




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

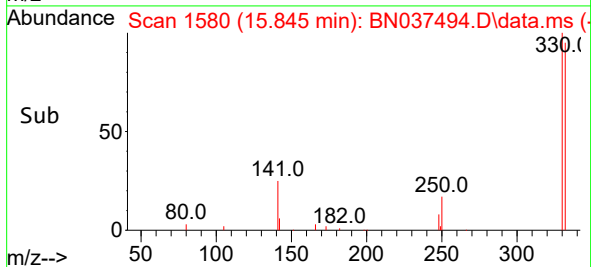
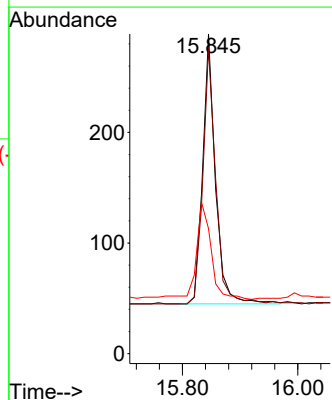
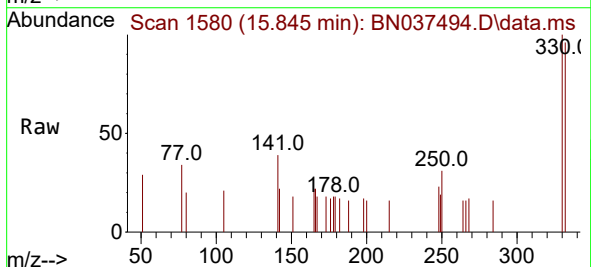
Instrument :
BNA_N
ClientSampleId :
PB168831BS

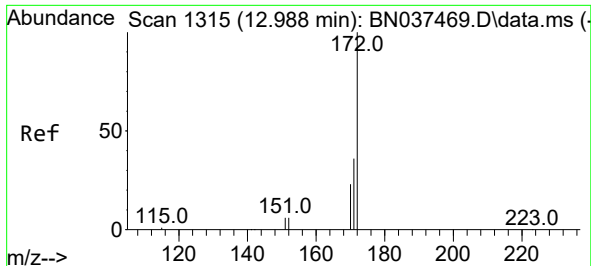
Tgt Ion:164 Resp: 2912
Ion Ratio Lower Upper
164 100
162 104.4 81.1 121.7
160 52.3 46.5 69.7



#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.845 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Tgt Ion:330 Resp: 376
Ion Ratio Lower Upper
330 100
332 96.0 82.0 123.0
141 43.1 36.2 54.2

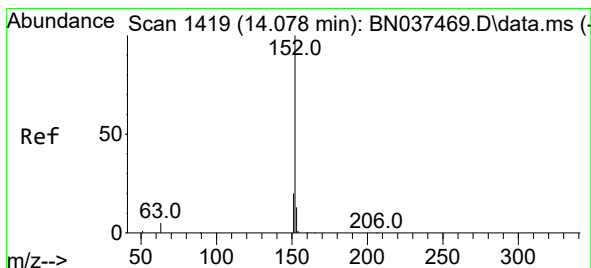
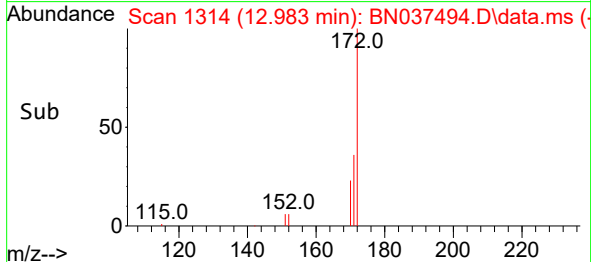
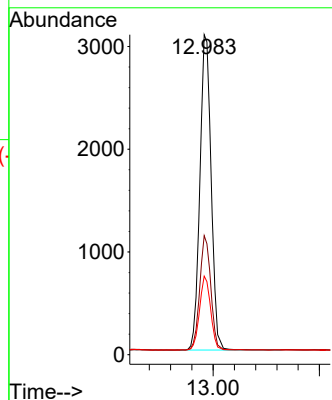
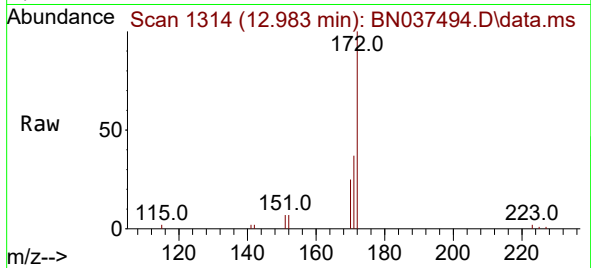




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.983 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

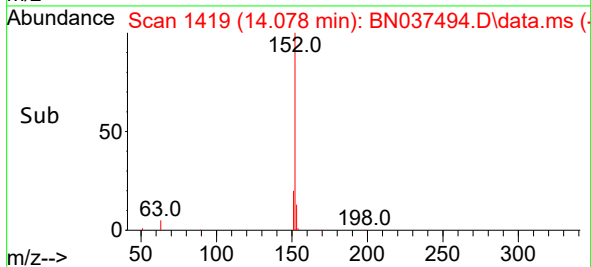
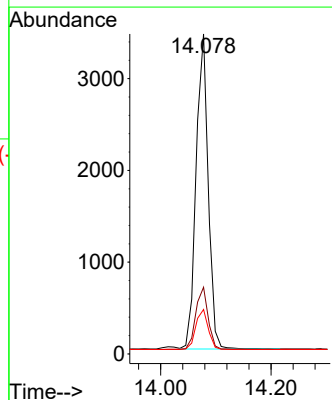
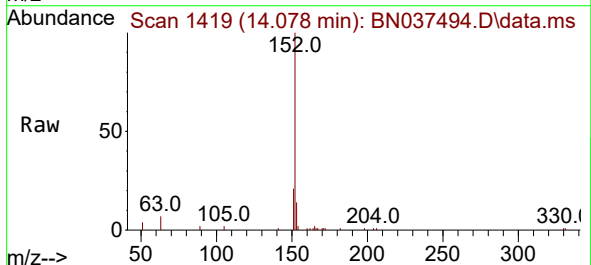
Instrument :
BNA_N
ClientSampleId :
PB168831BS

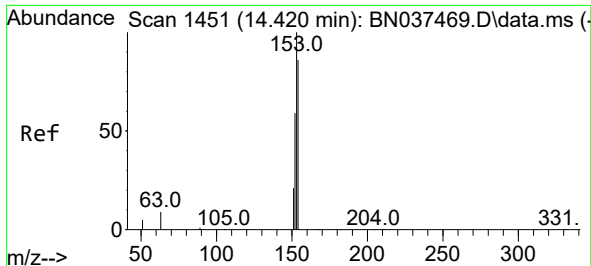
Tgt Ion:172 Resp: 6614
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.8
170 24.6 20.0 30.0



#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.078 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Tgt Ion:152 Resp: 5220
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.3 10.6 15.8

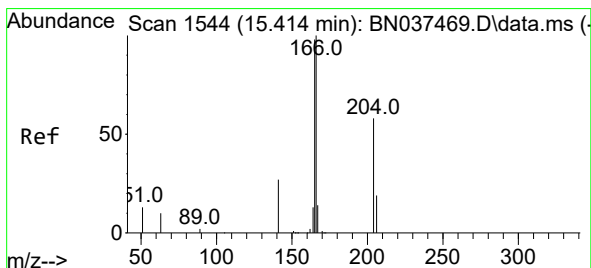
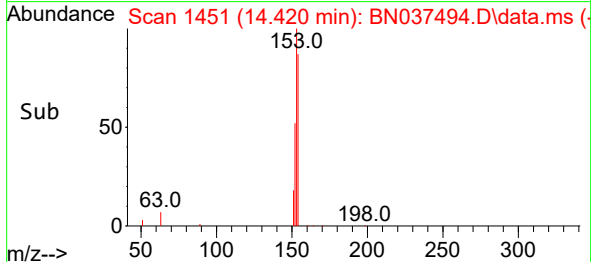
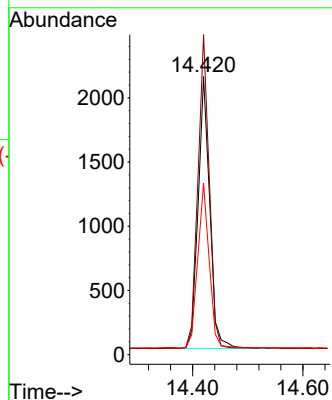
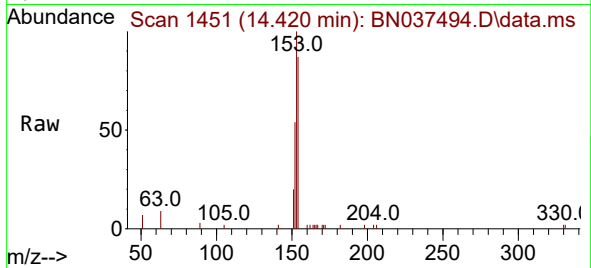




#17
Acenaphthene
Concen: 0.349 ng
RT: 14.420 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

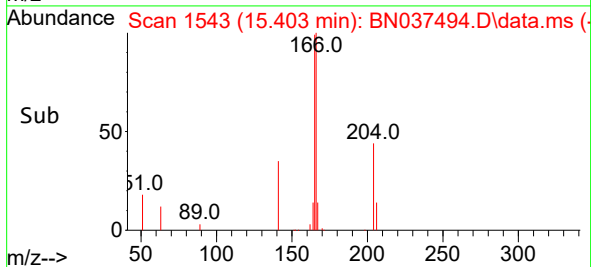
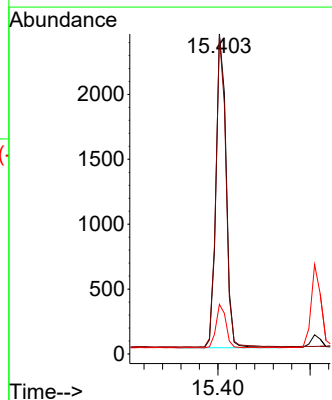
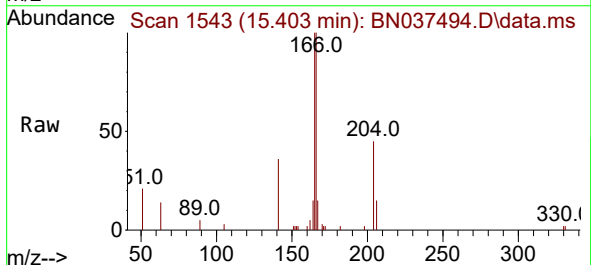
Instrument :
BNA_N
ClientSampleId :
PB168831BS

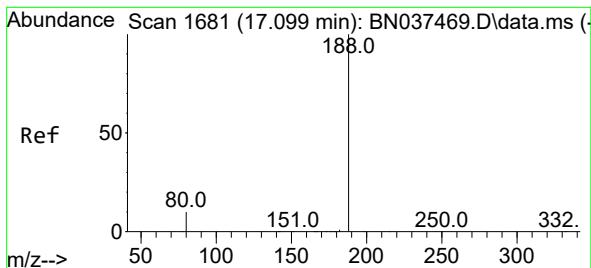
Tgt Ion:154 Resp: 3110
Ion Ratio Lower Upper
154 100
153 112.1 89.4 134.0
152 59.7 53.2 79.8



#18
Fluorene
Concen: 0.333 ng
RT: 15.403 min Scan# 1543
Delta R.T. -0.011 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Tgt Ion:166 Resp: 3733
Ion Ratio Lower Upper
166 100
165 98.4 79.4 119.2
167 13.3 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037494.D

Acq: 14 Jul 2025 16:47

Instrument :

BNA_N

ClientSampleId :

PB168831BS

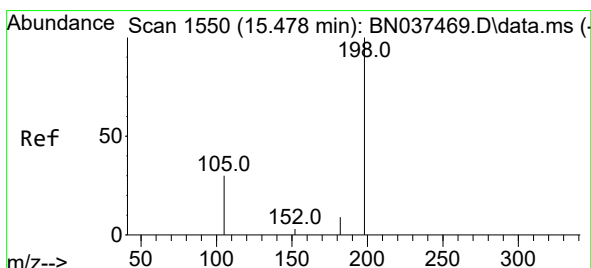
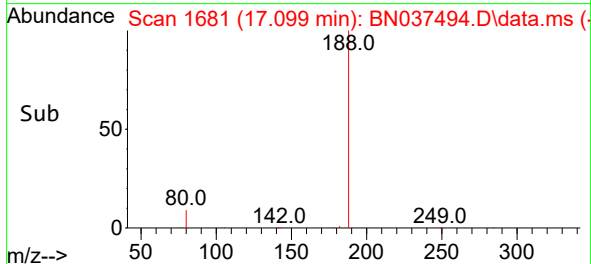
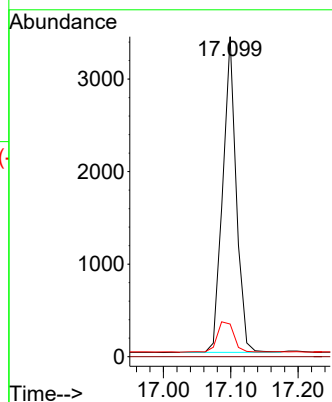
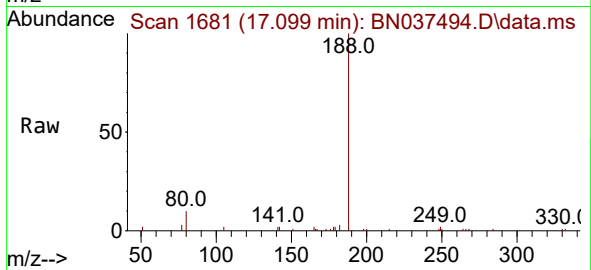
Tgt Ion:188 Resp: 4750

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 9.3 13.9



#20

4,6-Dinitro-2-methylphenol

Concen: 0.395 ng

RT: 15.478 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BN037494.D

Acq: 14 Jul 2025 16:47

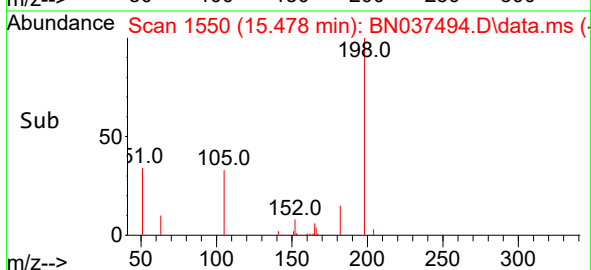
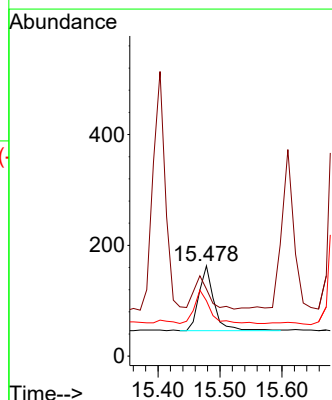
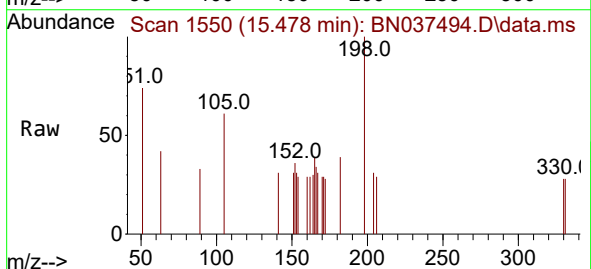
Tgt Ion:198 Resp: 211

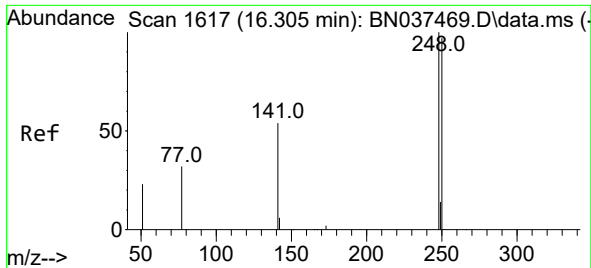
Ion Ratio Lower Upper

198 100

51 74.2 86.0 129.0#

105 61.3 53.0 79.4

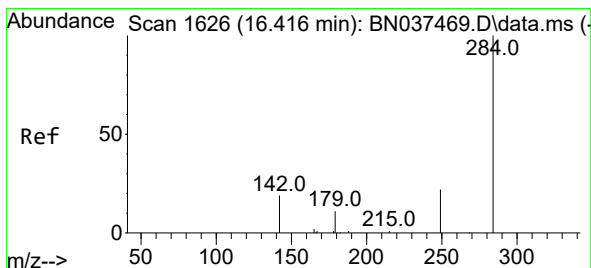
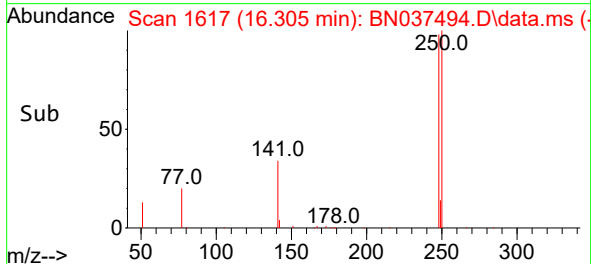
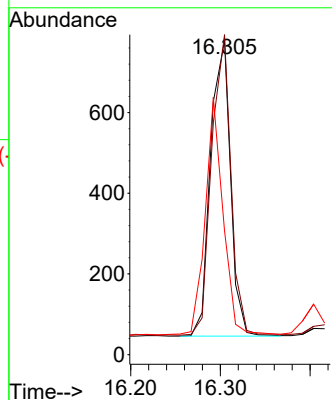
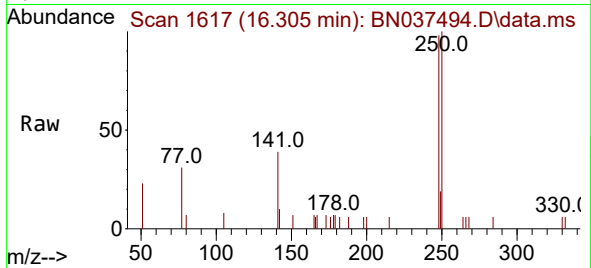




#21
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.305 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

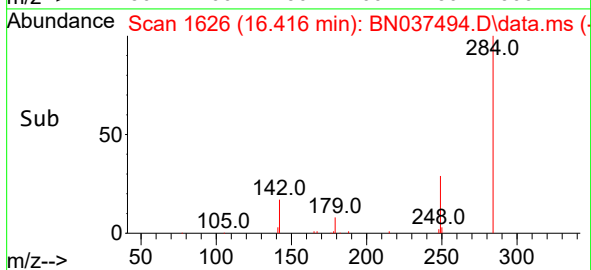
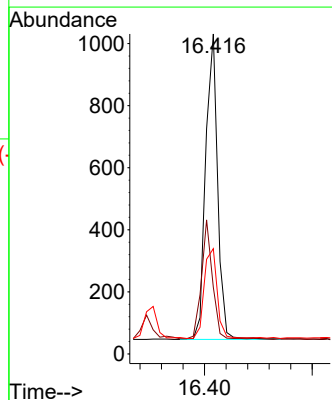
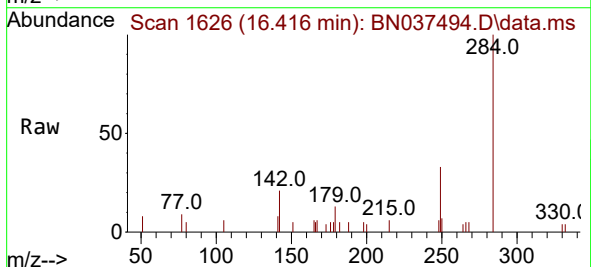
Instrument :
BNA_N
ClientSampleId :
PB168831BS

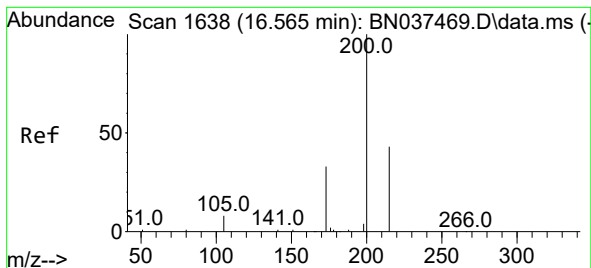
Tgt Ion:248 Resp: 1128
Ion Ratio Lower Upper
248 100
250 101.9 77.8 116.6
141 39.5 45.9 68.9#



#22
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.416 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Tgt Ion:284 Resp: 1517
Ion Ratio Lower Upper
284 100
142 36.5 31.3 46.9
249 31.9 26.6 40.0





#23

Atrazine

Concen: 0.436 ng

RT: 16.565 min Scan# 1638

Delta R.T. 0.000 min

Lab File: BN037494.D

Acq: 14 Jul 2025 16:47

Instrument :

BNA_N

ClientSampleId :

PB168831BS

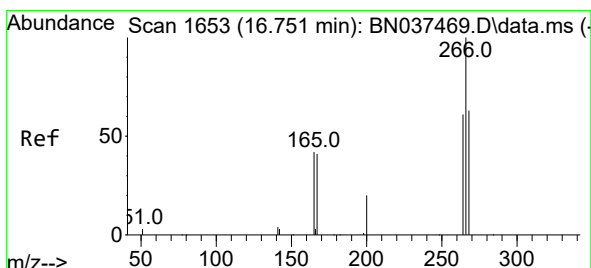
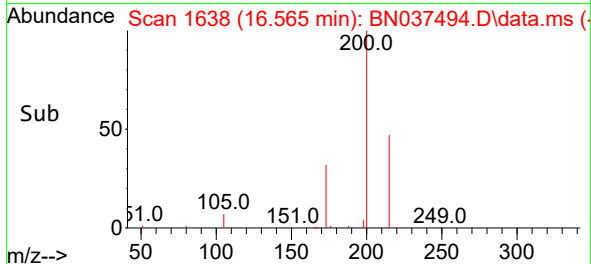
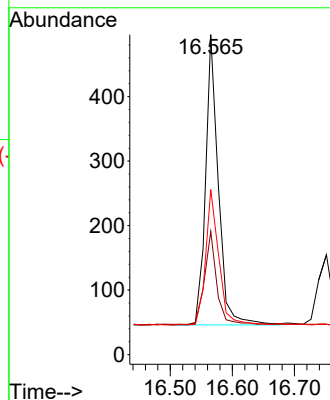
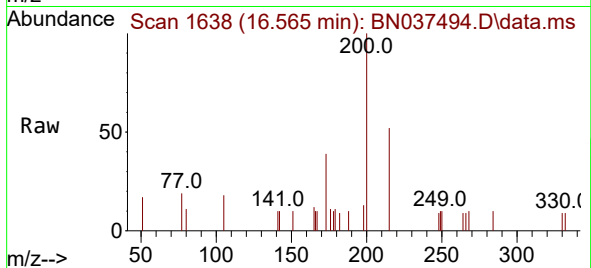
Tgt Ion:200 Resp: 643

Ion Ratio Lower Upper

200 100

173 38.5 34.3 51.5

215 51.6 41.6 62.4



#24

Pentachlorophenol

Concen: 0.741 ng

RT: 16.751 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BN037494.D

Acq: 14 Jul 2025 16:47

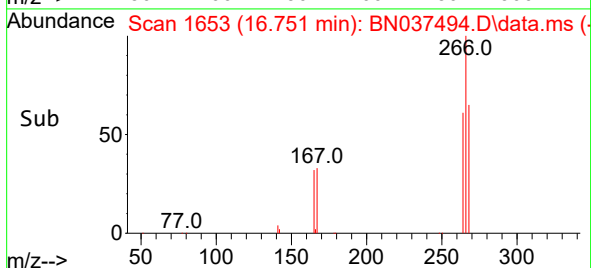
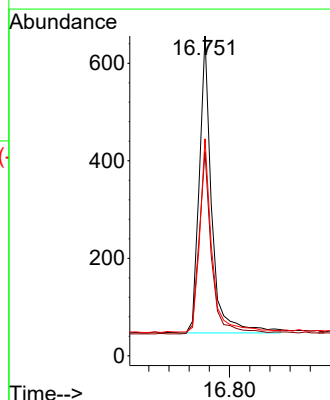
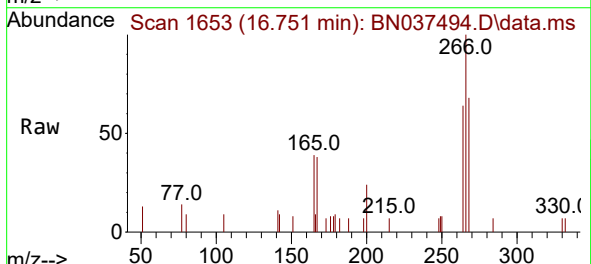
Tgt Ion:266 Resp: 1043

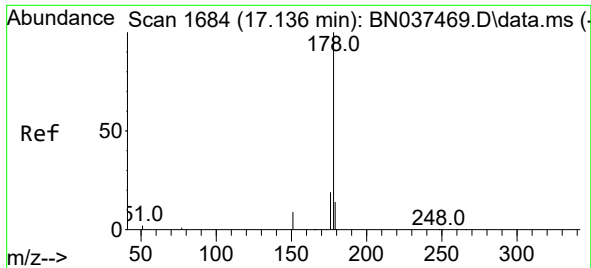
Ion Ratio Lower Upper

266 100

264 61.6 47.5 71.3

268 63.1 50.6 76.0

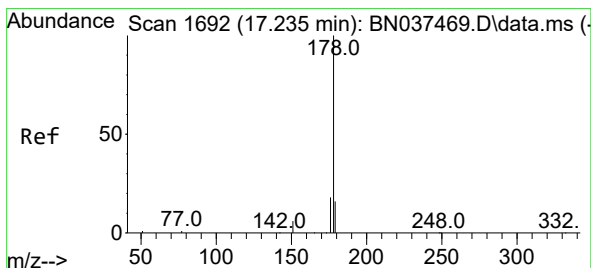
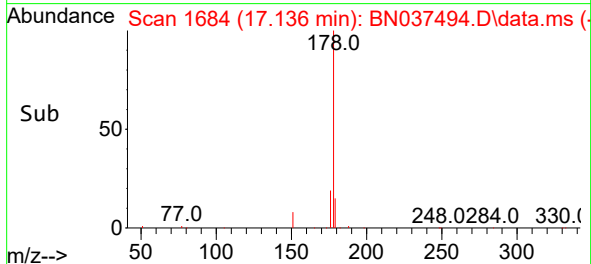
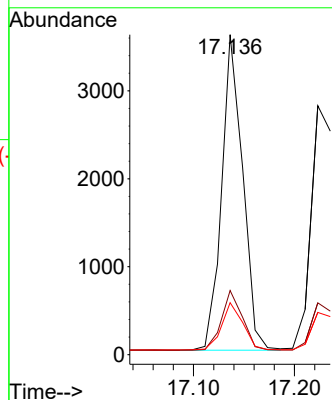
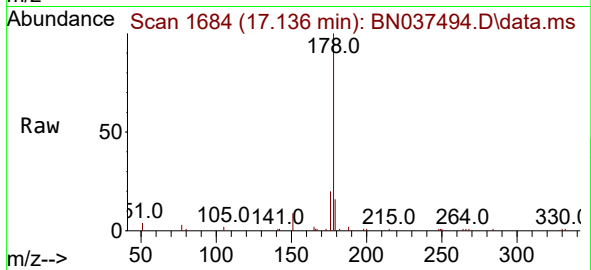




#25
Phenanthrene
Concen: 0.359 ng
RT: 17.136 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

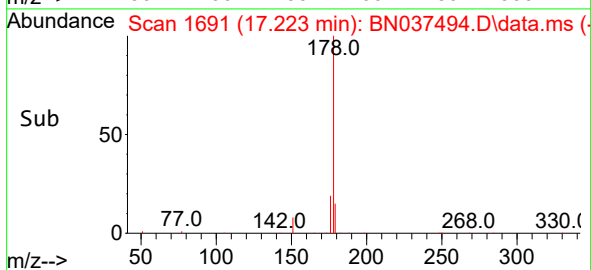
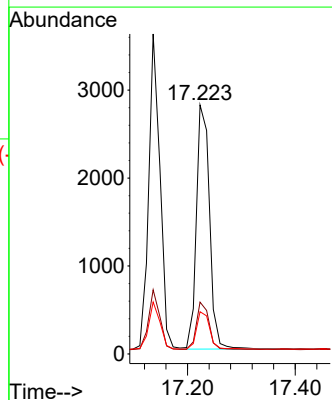
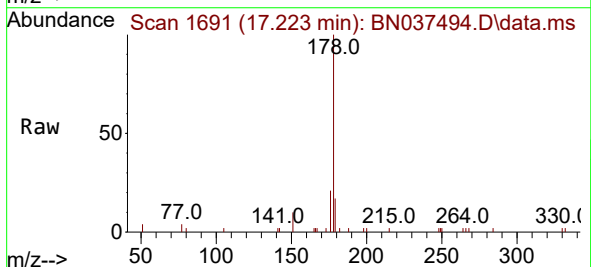
Instrument :
BNA_N
ClientSampleId :
PB168831BS

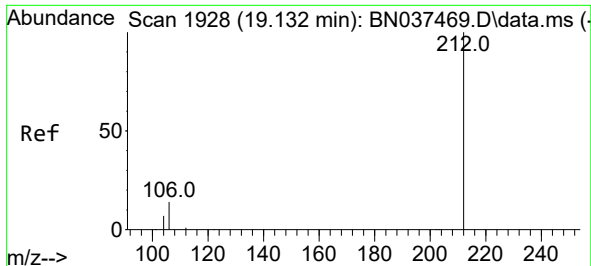
Tgt Ion:178 Resp: 5189
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.5 12.2 18.2



#26
Anthracene
Concen: 0.362 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Tgt Ion:178 Resp: 4720
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.4 12.3 18.5

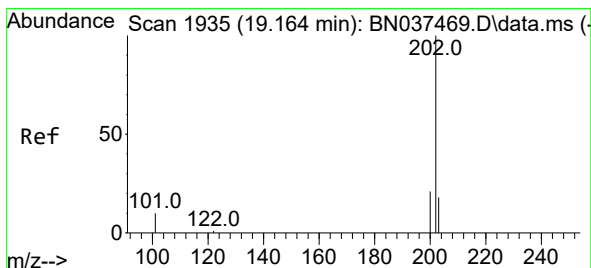
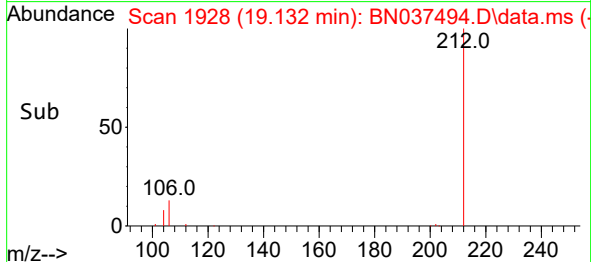
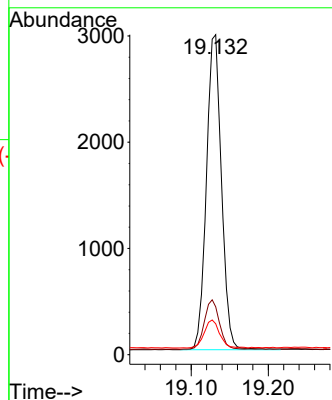
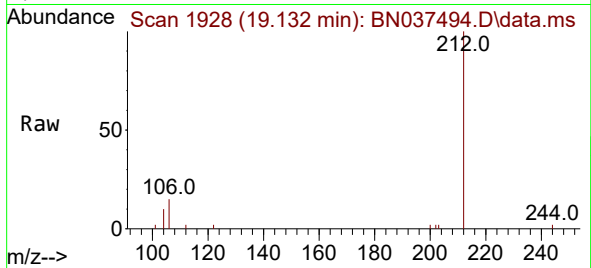




#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.132 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

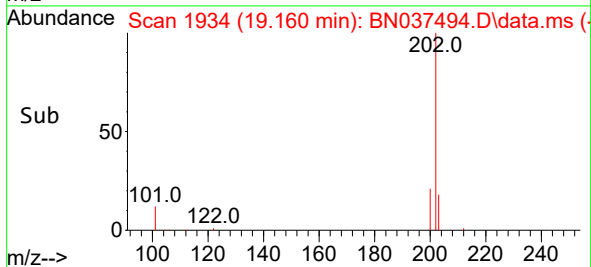
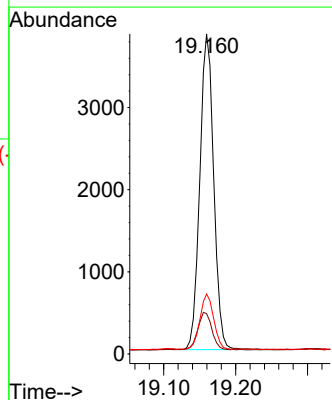
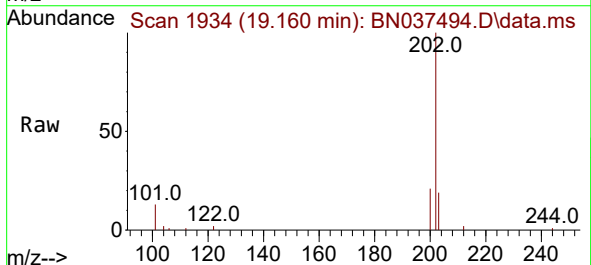
Instrument :
BNA_N
ClientSampleId :
PB168831BS

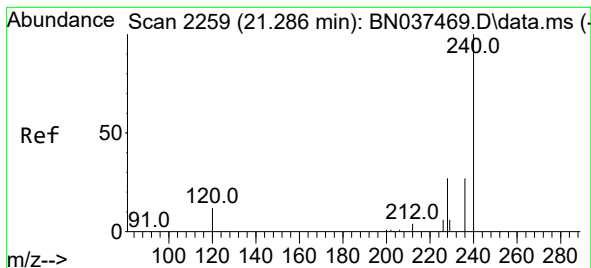
Tgt Ion:212 Resp: 4017
Ion Ratio Lower Upper
212 100
106 15.8 11.7 17.5
104 9.2 6.6 10.0



#28
Fluoranthene
Concen: 0.326 ng
RT: 19.160 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Tgt Ion:202 Resp: 5180
Ion Ratio Lower Upper
202 100
101 11.9 9.2 13.8
203 17.1 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: BN037494.D

Acq: 14 Jul 2025 16:47

Instrument :

BNA_N

ClientSampleId :

PB168831BS

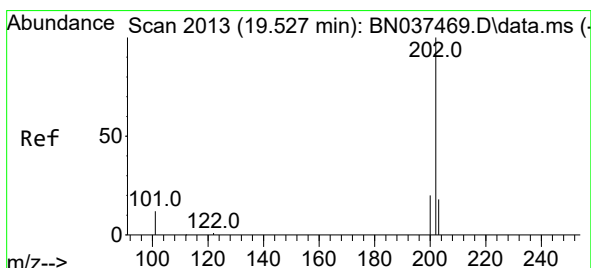
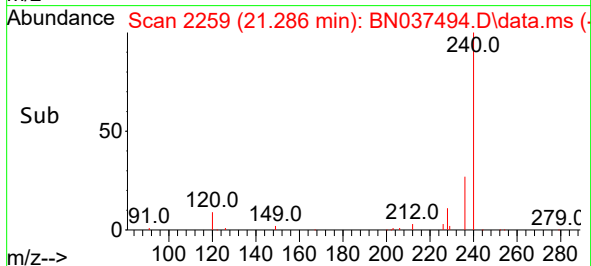
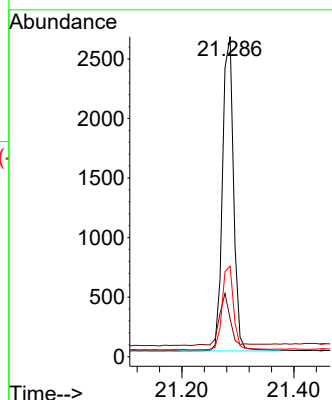
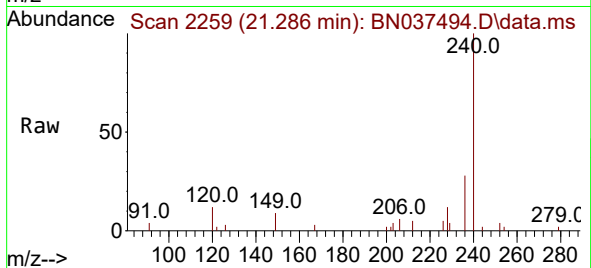
Tgt Ion:240 Resp: 3630

Ion Ratio Lower Upper

240 100

120 11.8 12.4 18.6#

236 28.3 22.9 34.3



#30

Pyrene

Concen: 0.350 ng

RT: 19.522 min Scan# 2012

Delta R.T. -0.005 min

Lab File: BN037494.D

Acq: 14 Jul 2025 16:47

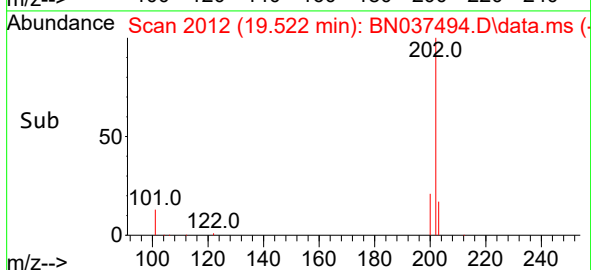
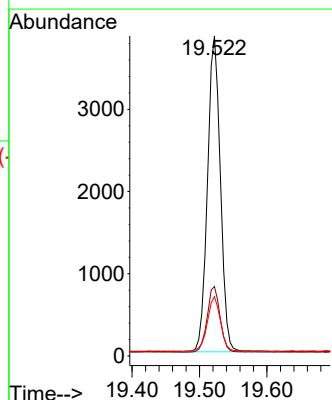
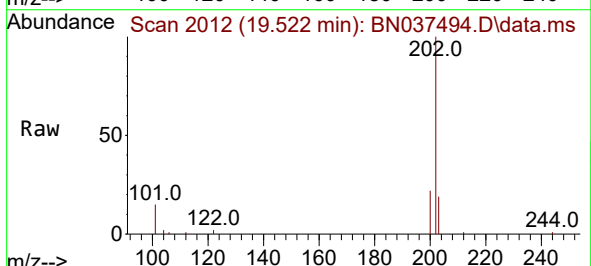
Tgt Ion:202 Resp: 5115

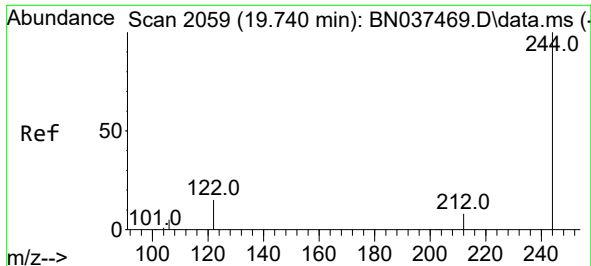
Ion Ratio Lower Upper

202 100

200 20.6 16.4 24.6

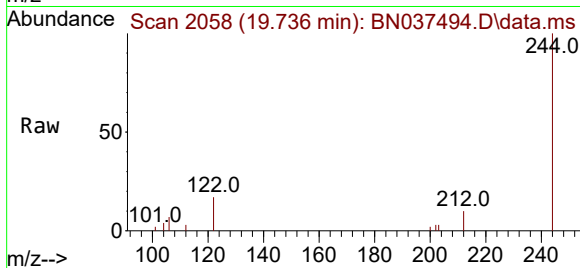
203 17.6 14.3 21.5



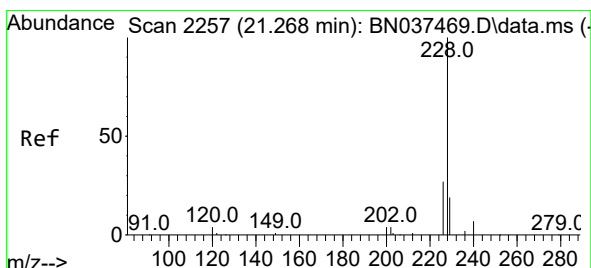
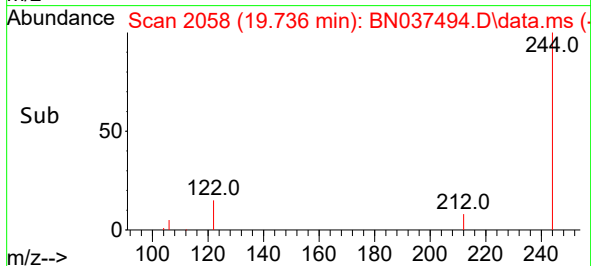
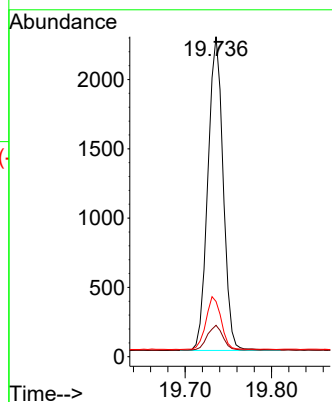


#31
 Terphenyl-d14
 Concen: 0.368 ng
 RT: 19.736 min Scan# 2058
 Delta R.T. -0.005 min
 Lab File: BN037494.D
 Acq: 14 Jul 2025 16:47

Instrument :
 BNA_N
 ClientSampleId :
 PB168831BS

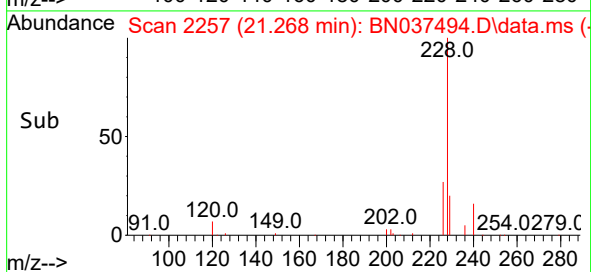
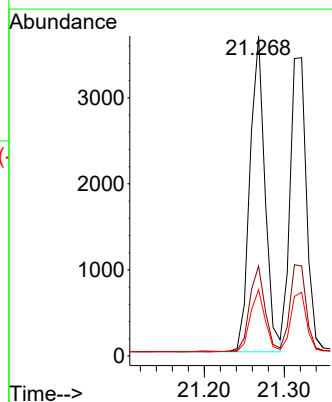
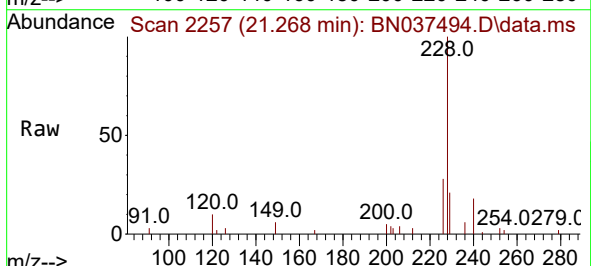


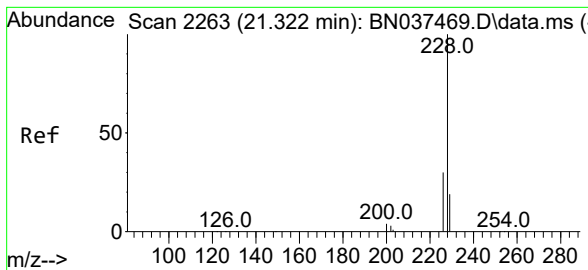
Tgt Ion:244 Resp: 2790
 Ion Ratio Lower Upper
 244 100
 212 9.8 8.7 13.1
 122 17.3 14.1 21.1



#32
 Benzo(a)anthracene
 Concen: 0.392 ng
 RT: 21.268 min Scan# 2257
 Delta R.T. -0.000 min
 Lab File: BN037494.D
 Acq: 14 Jul 2025 16:47

Tgt Ion:228 Resp: 4824
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.7 34.1
 229 20.7 16.6 24.8





#33

Chrysene

Concen: 0.361 ng

RT: 21.322 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037494.D

Acq: 14 Jul 2025 16:47

Instrument :

BNA_N

ClientSampleId :

PB168831BS

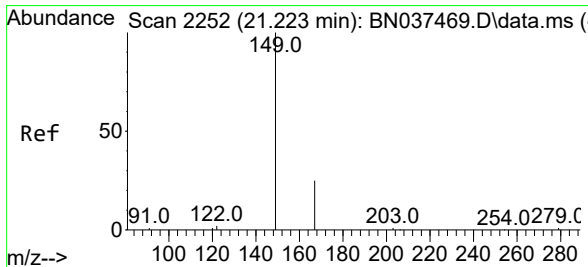
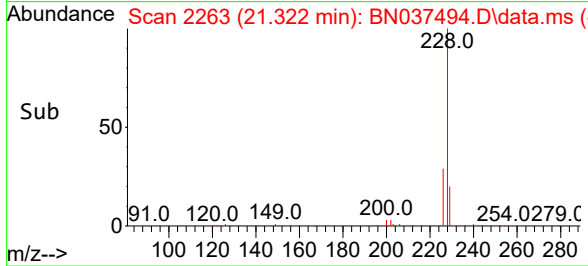
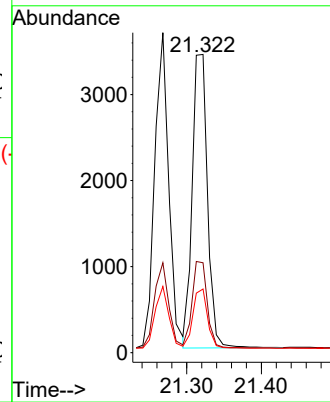
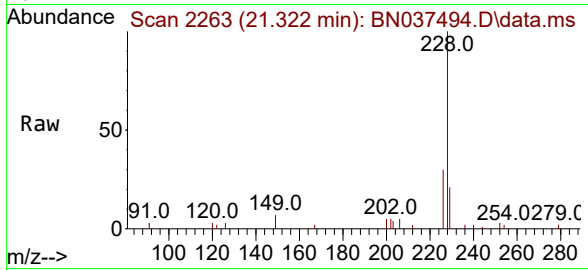
Tgt Ion:228 Resp: 4854

Ion Ratio Lower Upper

228 100

226 30.1 24.6 36.8

229 21.3 16.4 24.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.400 ng

RT: 21.223 min Scan# 2252

Delta R.T. 0.000 min

Lab File: BN037494.D

Acq: 14 Jul 2025 16:47

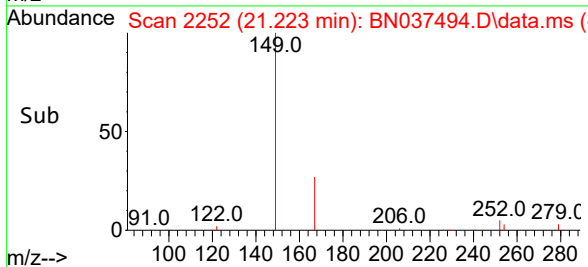
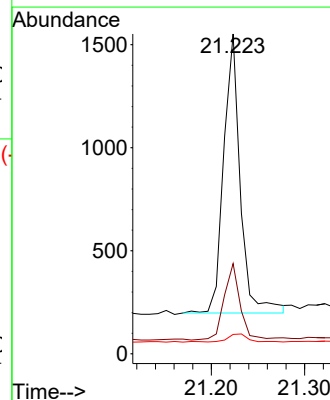
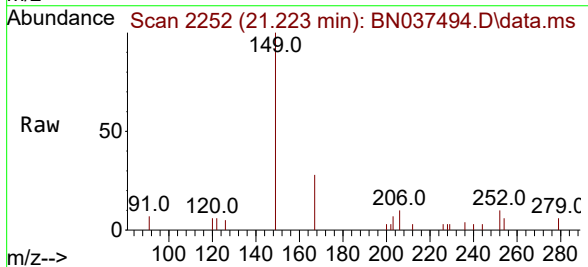
Tgt Ion:149 Resp: 1671

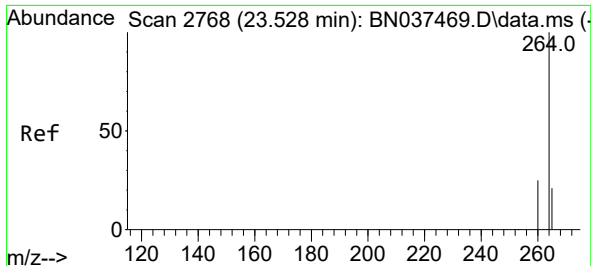
Ion Ratio Lower Upper

149 100

167 27.2 19.4 29.2

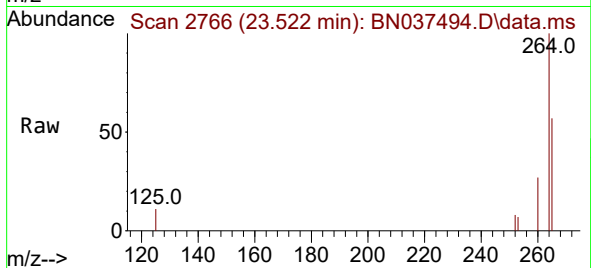
279 3.8 2.5 3.7#





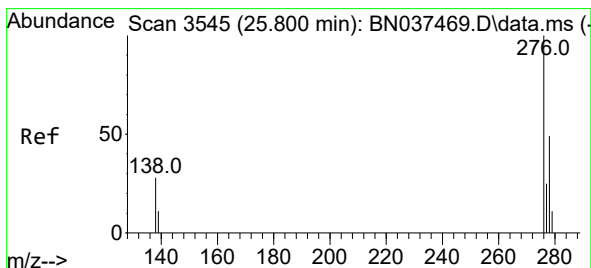
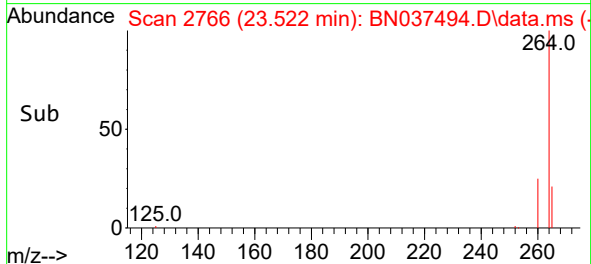
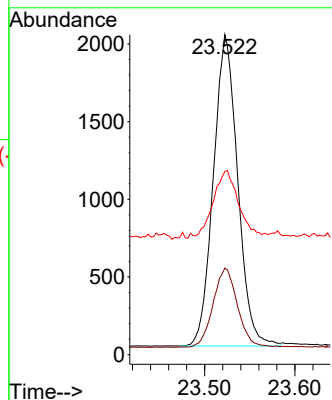
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Instrument :
BNA_N
ClientSampleId :
PB168831BS



Tgt Ion:264 Resp: 3754

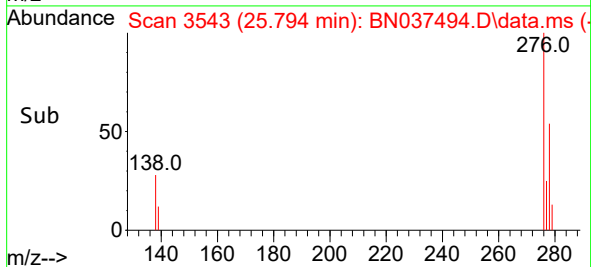
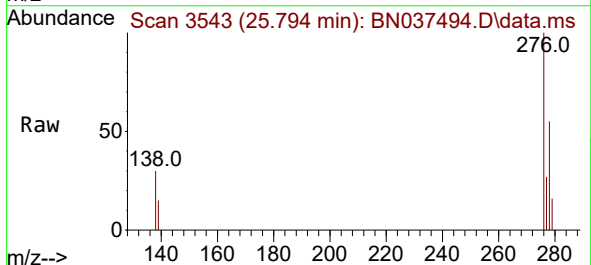
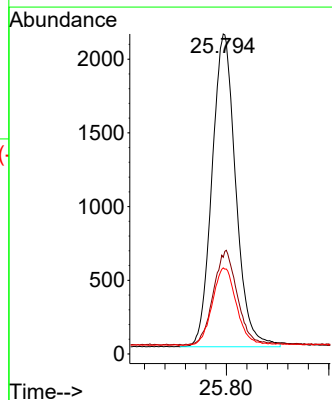
Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.7	32.5
265	57.2	41.6	62.4

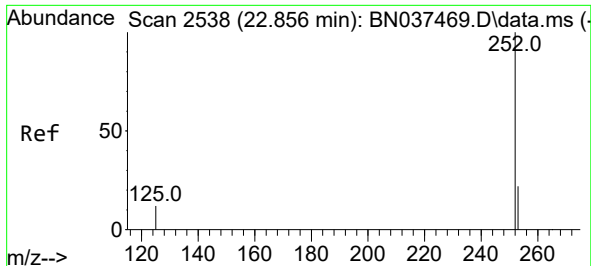


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.468 ng
RT: 25.794 min Scan# 3543
Delta R.T. -0.006 min
Lab File: BN037494.D
Acq: 14 Jul 2025 16:47

Tgt Ion:276 Resp: 6815

Ion	Ratio	Lower	Upper
276	100		
138	30.6	23.4	35.2
277	25.2	19.8	29.8





#37

Benzo(b)fluoranthene

Concen: 0.355 ng

RT: 22.850 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037494.D

Acq: 14 Jul 2025 16:47

Instrument :

BNA_N

ClientSampleId :

PB168831BS

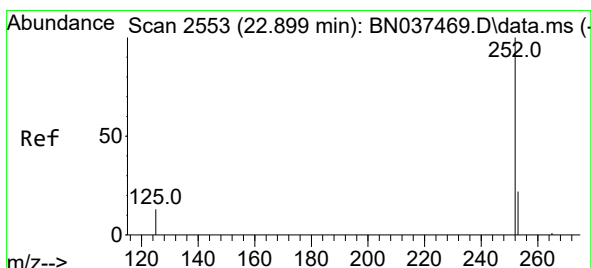
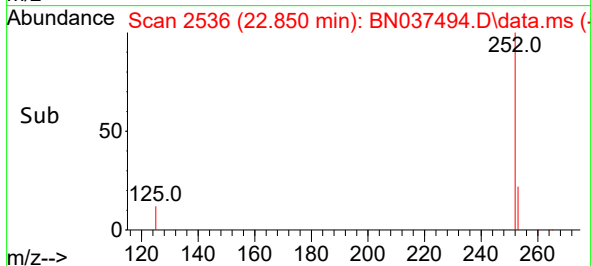
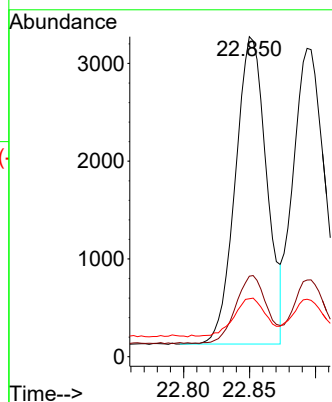
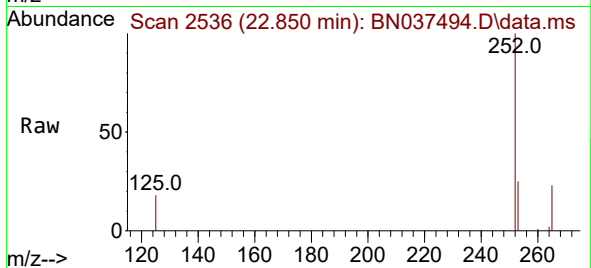
Tgt Ion:252 Resp: 5180

Ion Ratio Lower Upper

252 100

253 25.2 20.1 30.1

125 18.1 13.7 20.5



#38

Benzo(k)fluoranthene

Concen: 0.342 ng

RT: 22.894 min Scan# 2551

Delta R.T. -0.006 min

Lab File: BN037494.D

Acq: 14 Jul 2025 16:47

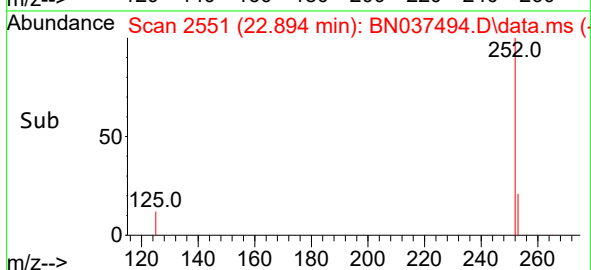
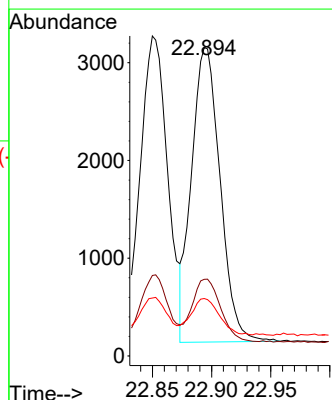
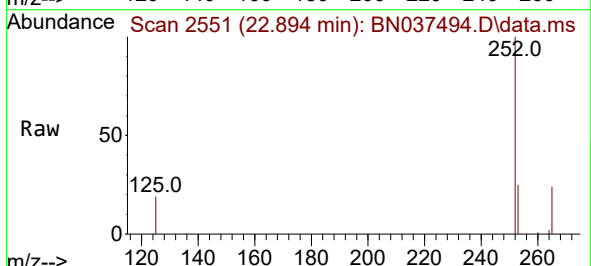
Tgt Ion:252 Resp: 5062

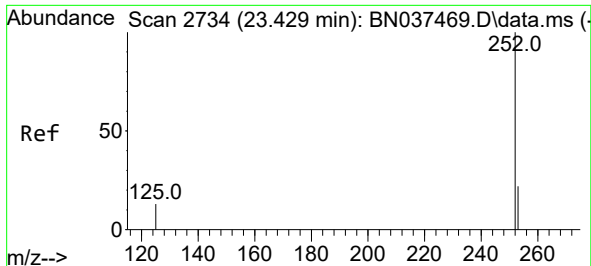
Ion Ratio Lower Upper

252 100

253 24.9 20.4 30.6

125 18.6 14.6 21.8





#39

Benzo(a)pyrene

Concen: 0.406 ng

RT: 23.426 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN037494.D

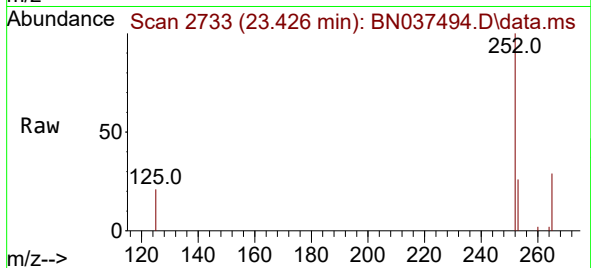
Acq: 14 Jul 2025 16:47

Instrument :

BNA_N

ClientSampleId :

PB168831BS



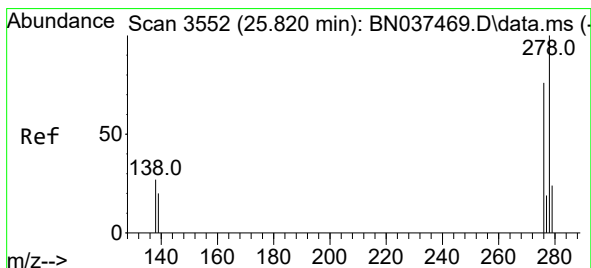
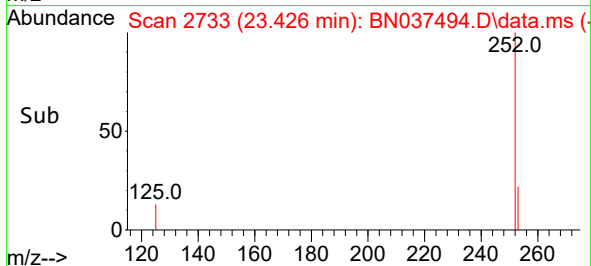
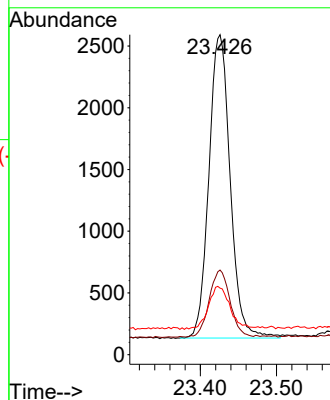
Tgt Ion:252 Resp: 4768

Ion Ratio Lower Upper

252 100

253 26.4 21.8 32.6

125 20.8 16.7 25.1



#40

Dibenzo(a,h)anthracene

Concen: 0.457 ng

RT: 25.811 min Scan# 3549

Delta R.T. -0.009 min

Lab File: BN037494.D

Acq: 14 Jul 2025 16:47

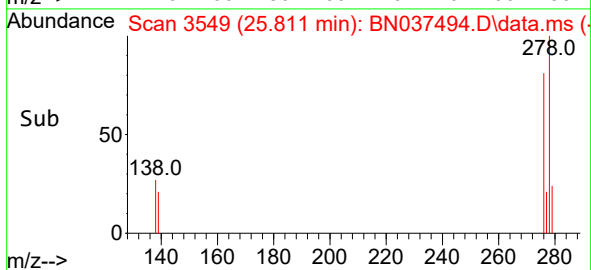
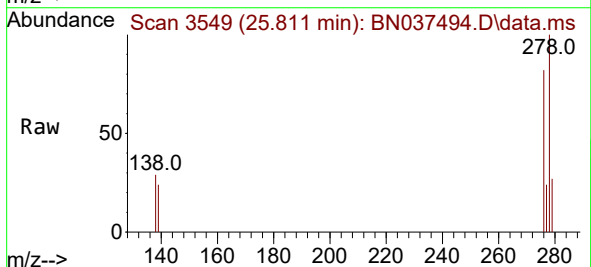
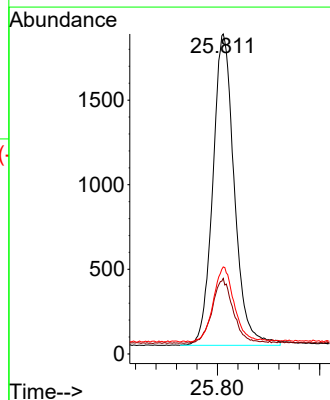
Tgt Ion:278 Resp: 5367

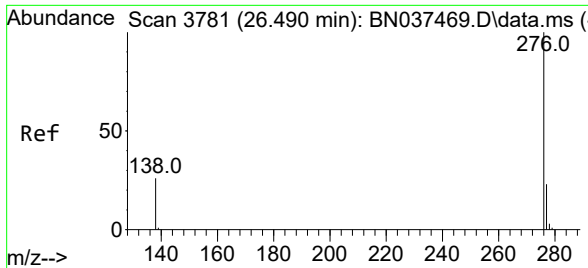
Ion Ratio Lower Upper

278 100

139 23.6 19.9 29.9

279 27.2 24.8 37.2





#41
 Benzo(g,h,i)perylene
 Concen: 0.448 ng
 RT: 26.484 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN037494.D
 Acq: 14 Jul 2025 16:47

Instrument :
 BNA_N
 ClientSampleId :
 PB168831BS

Tgt Ion:	276	Resp:	5768
Ion Ratio	Lower	Upper	
276	100		
277	26.0	21.7	32.5
138	29.2	24.3	36.5

