

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
 Data File : BN037596.D
 Acq On : 13 Aug 2025 15:22
 Operator : RC/JU
 Sample : PB169222BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169222BS

Quant Time: Aug 13 15:43:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

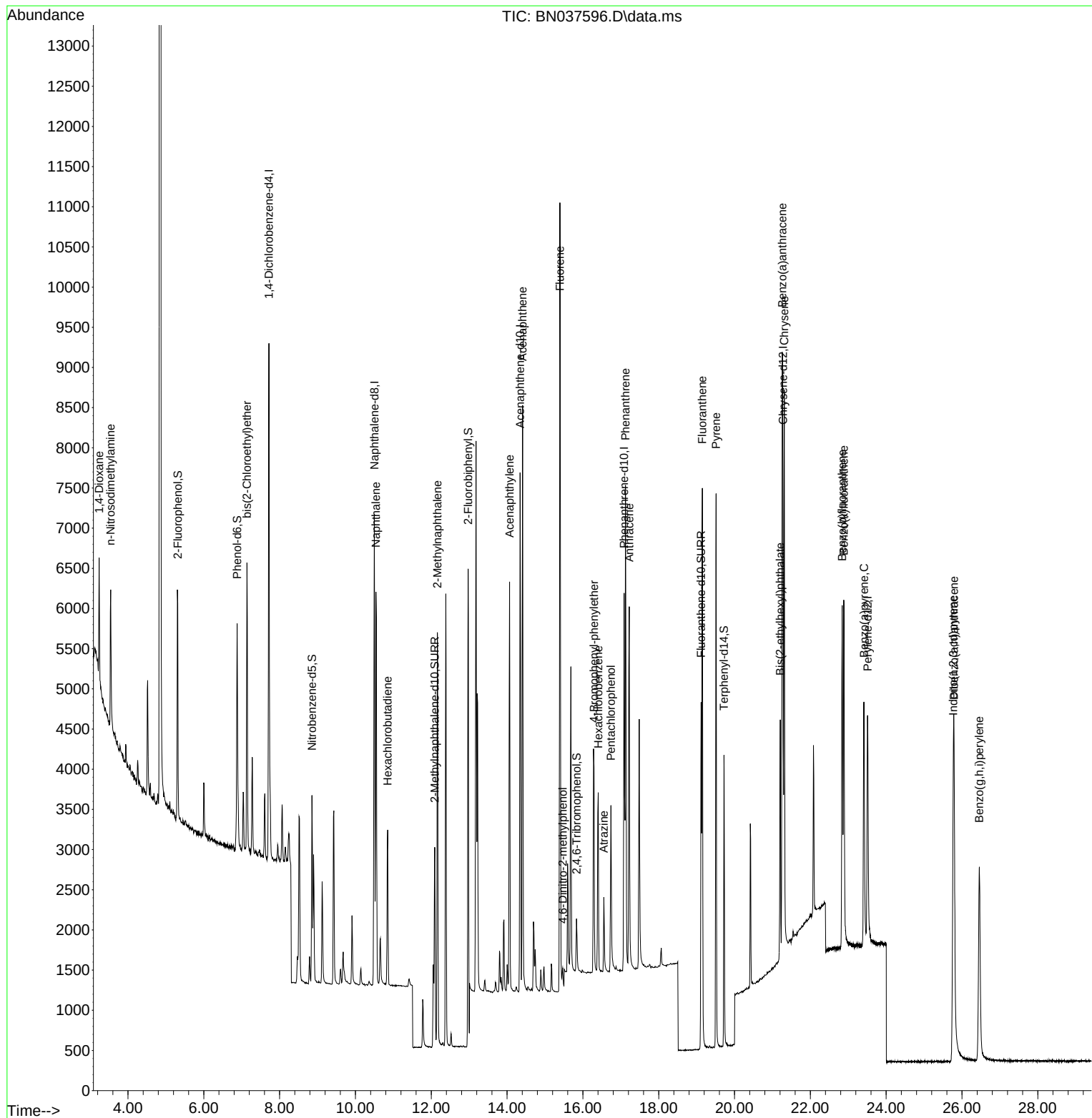
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	3068	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	7591	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	3534	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	6432	0.400	ng	0.00
29) Chrysene-d12	21.277	240	4873	0.400	ng	0.00
35) Perylene-d12	23.510	264	4192	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	2293	0.330	ng	0.00
5) Phenol-d6	6.879	99	2590	0.309	ng	0.00
8) Nitrobenzene-d5	8.854	82	1791	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	3480	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	442	0.286	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	7275	0.356	ng	0.00
27) Fluoranthene-d10	19.118	212	5070	0.300	ng	0.00
31) Terphenyl-d14	19.722	244	3723	0.371	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	802	0.273	ng	# 76
3) n-Nitrosodimethylamine	3.543	42	1116	0.298	ng	# 85
6) bis(2-Chloroethyl)ether	7.139	93	2600	0.345	ng	98
9) Naphthalene	10.541	128	6736	0.333	ng	100
10) Hexachlorobutadiene	10.850	225	1635	0.331	ng	# 100
12) 2-Methylnaphthalene	12.161	142	3749	0.296	ng	98
16) Acenaphthylene	14.067	152	5698	0.360	ng	99
17) Acenaphthene	14.409	154	3471	0.322	ng	99
18) Fluorene	15.392	166	4368	0.310	ng	100
20) 4,6-Dinitro-2-methylph...	15.467	198	231	0.378	ng	90
21) 4-Bromophenyl-phenylether	16.292	248	1337	0.331	ng	93
22) Hexachlorobenzene	16.404	284	2000	0.349	ng	99
23) Atrazine	16.553	200	807	0.353	ng	98
24) Pentachlorophenol	16.739	266	1130	0.561	ng	98
25) Phenanthrene	17.124	178	6473	0.331	ng	99
26) Anthracene	17.223	178	5692	0.329	ng	99
28) Fluoranthene	19.150	202	6474	0.288	ng	99
30) Pyrene	19.513	202	6217	0.341	ng	100
32) Benzo(a)anthracene	21.259	228	5547	0.341	ng	99
33) Chrysene	21.313	228	6161	0.340	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	2008	0.299	ng	96
36) Indeno(1,2,3-cd)pyrene	25.770	276	5987	0.339	ng	100
37) Benzo(b)fluoranthene	22.841	252	5458	0.344	ng	97
38) Benzo(k)fluoranthene	22.882	252	5754	0.321	ng	99
39) Benzo(a)pyrene	23.414	252	4770	0.362	ng	97
40) Dibenzo(a,h)anthracene	25.791	278	4628	0.338	ng	100
41) Benzo(g,h,i)perylene	26.457	276	5279	0.366	ng	99

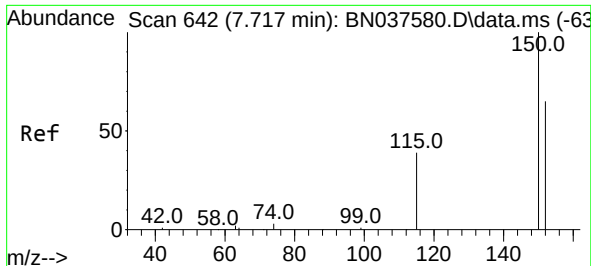
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
Data File : BN037596.D
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ALS Vial : 10 Sample Multiplier: 1

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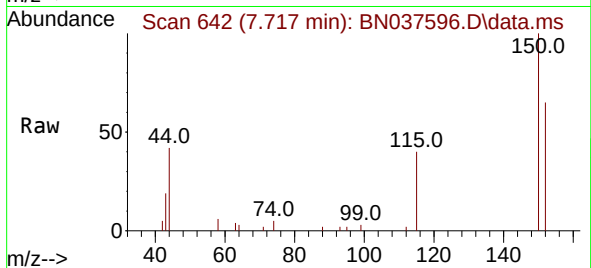
Quant Time: Aug 13 15:43:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



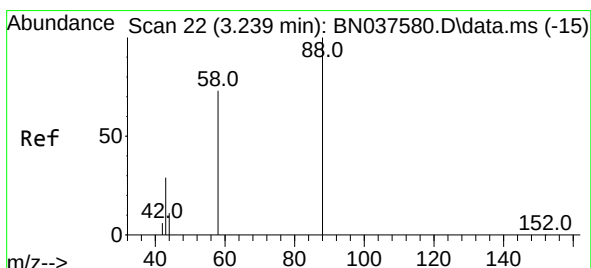
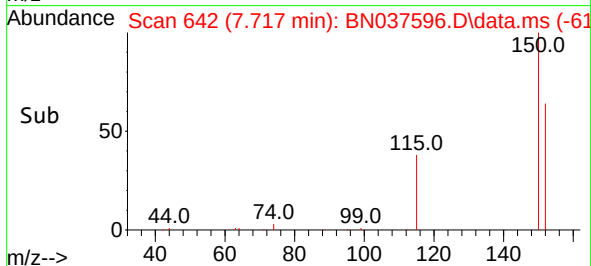
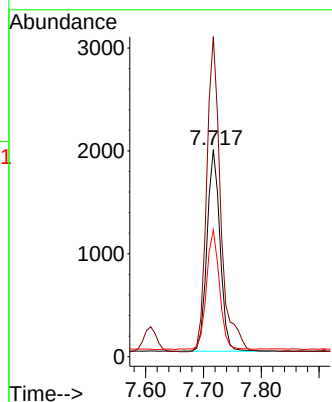


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037596.D
 Acq: 13 Aug 2025 15:22

Instrument :
 BNA_N
 ClientSampleId :
 PB169222BS

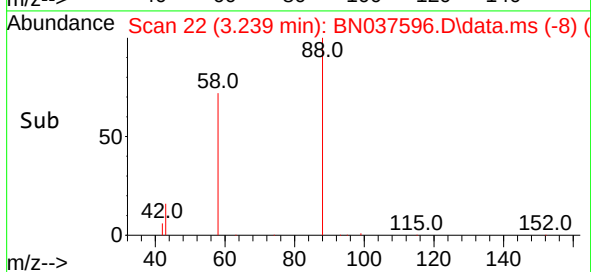
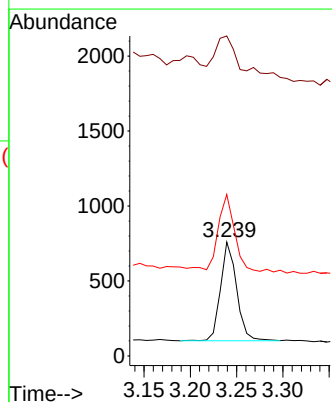
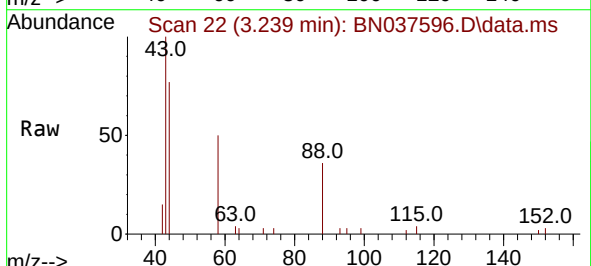


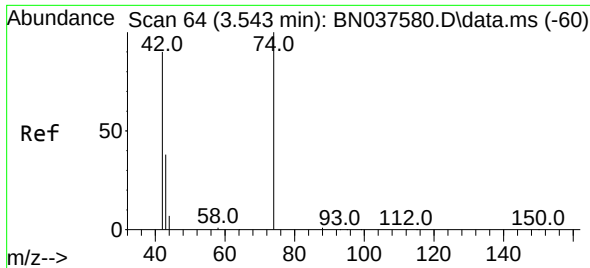
Tgt Ion: 152 Resp: 3068
 Ion Ratio Lower Upper
 152 100
 150 154.6 122.2 183.4
 115 61.1 49.8 74.6



#2
 1,4-Dioxane
 Concen: 0.273 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037596.D
 Acq: 13 Aug 2025 15:22

Tgt Ion: 88 Resp: 802
 Ion Ratio Lower Upper
 88 100
 43 76.8 25.8 38.6#
 58 76.8 61.2 91.8

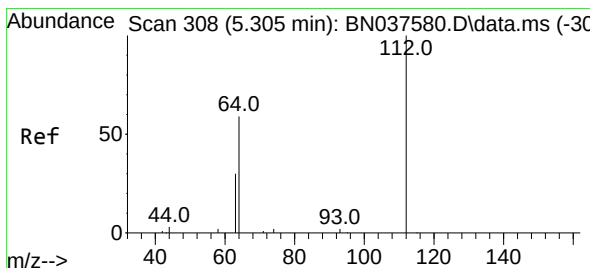
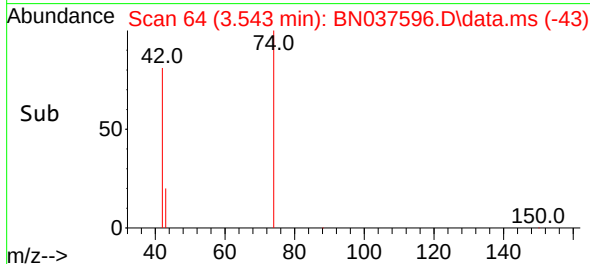
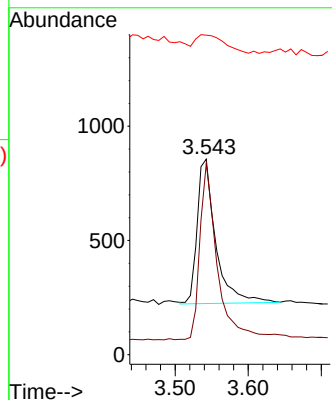
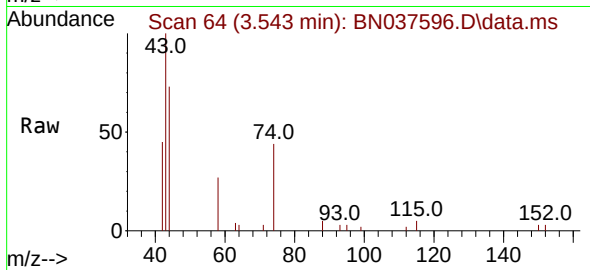




#3
 n-Nitrosodimethylamine
 Concen: 0.298 ng
 RT: 3.543 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037596.D
 Acq: 13 Aug 2025 15:22

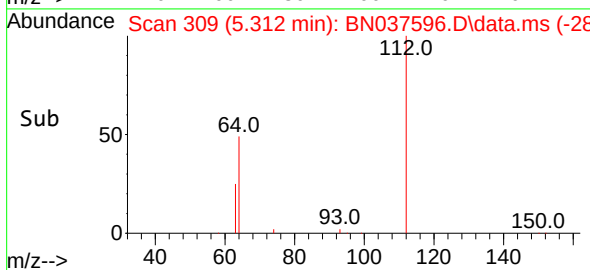
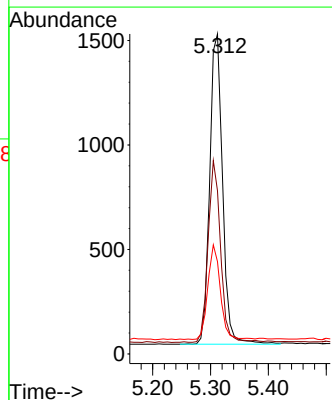
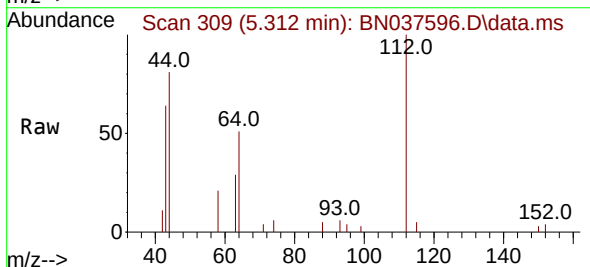
Instrument :
 BNA_N
 ClientSampleId :
 PB169222BS

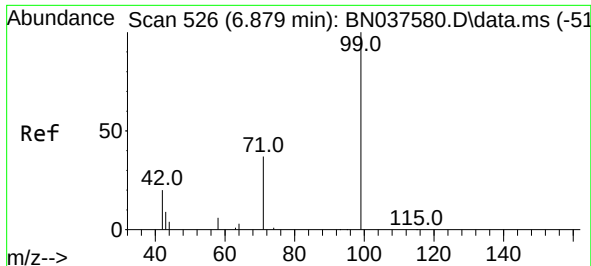
Tgt Ion: 42 Resp: 1116
 Ion Ratio Lower Upper
 42 100
 74 116.8 82.0 123.0
 44 19.4 7.9 11.9#



#4
 2-Fluorophenol
 Concen: 0.330 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.007 min
 Lab File: BN037596.D
 Acq: 13 Aug 2025 15:22

Tgt Ion: 112 Resp: 2293
 Ion Ratio Lower Upper
 112 100
 64 56.8 44.9 67.3
 63 30.0 23.4 35.2

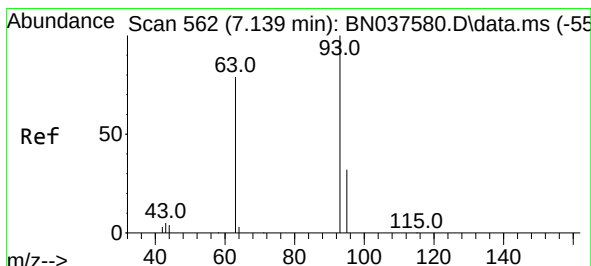
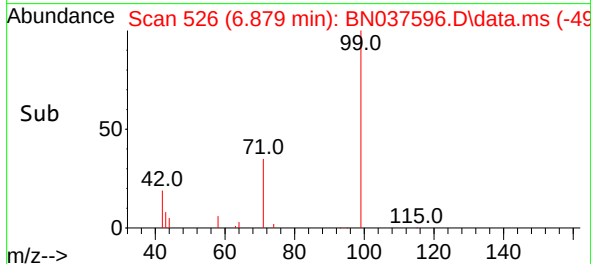
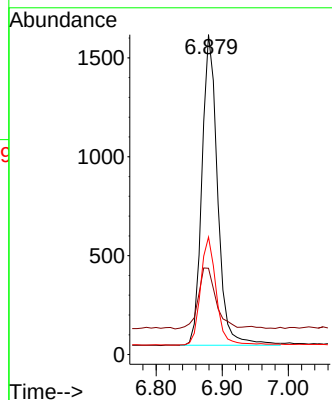
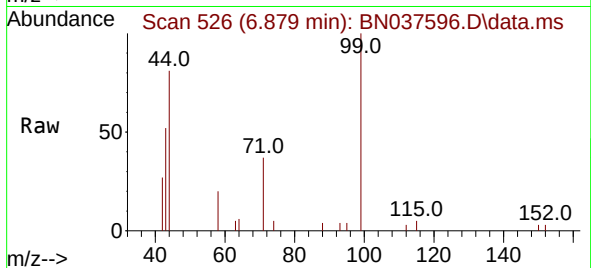




#5
Phenol-d6
Concen: 0.309 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

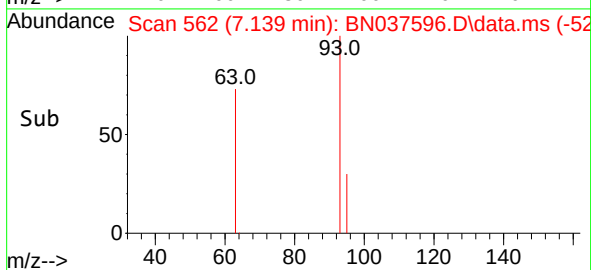
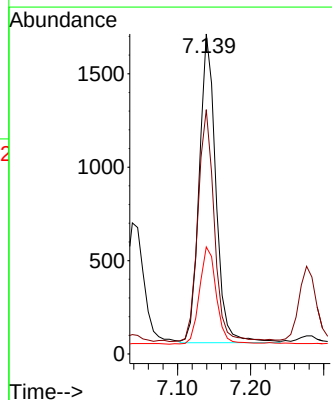
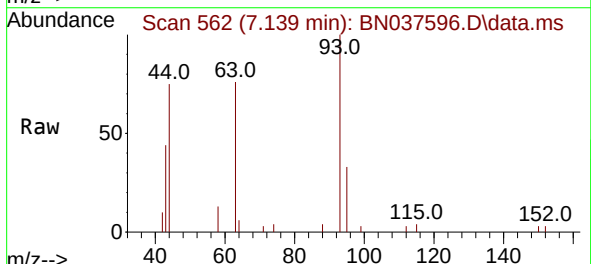
Instrument :
BNA_N
ClientSampleId :
PB169222BS

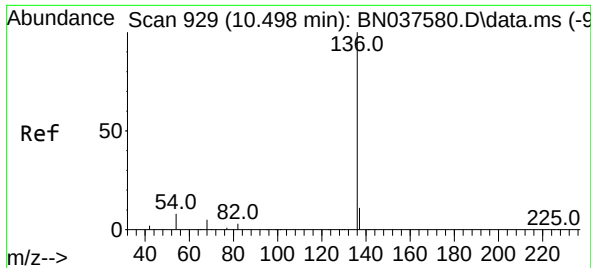
Tgt Ion:	99	Resp:	2590
Ion	Ratio	Lower	Upper
99	100		
42	22.1	18.5	27.7
71	35.0	28.6	42.8



#6
bis(2-Chloroethyl)ether
Concen: 0.345 ng
RT: 7.139 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

Tgt Ion:	93	Resp:	2600
Ion	Ratio	Lower	Upper
93	100		
63	74.2	58.0	87.0
95	32.0	24.9	37.3

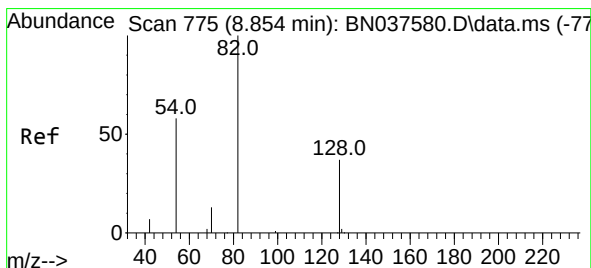
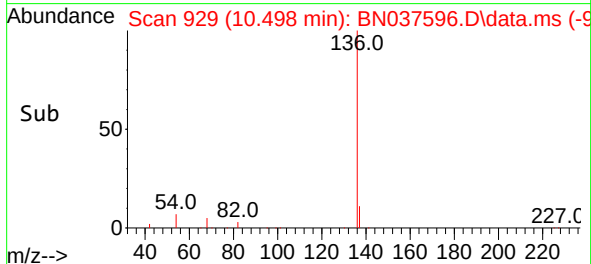
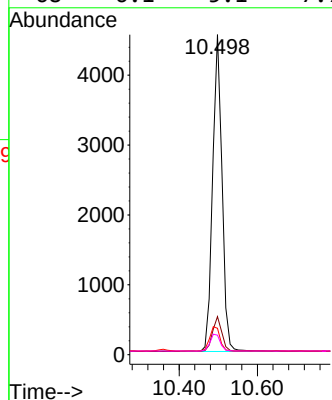
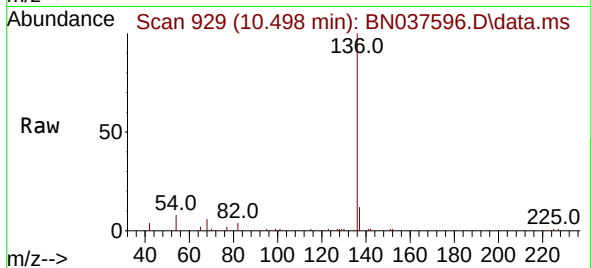




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

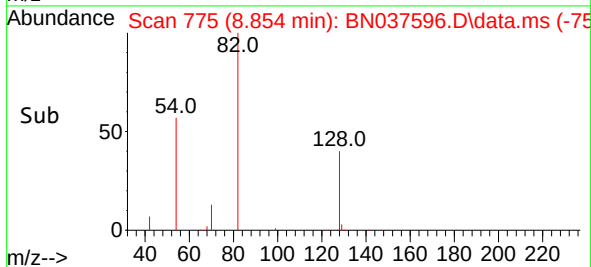
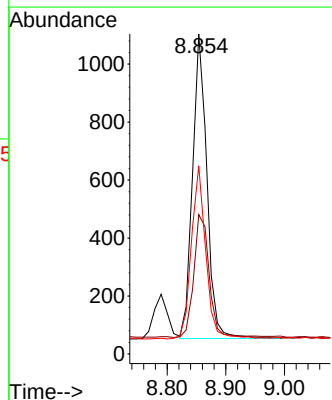
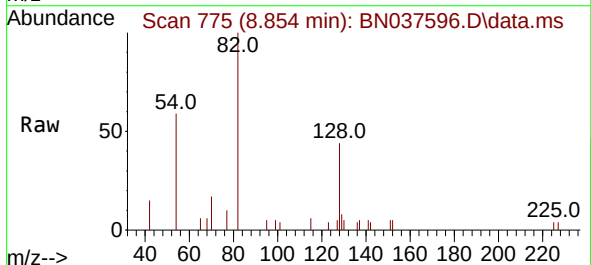
Instrument :
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ClientSampleId :
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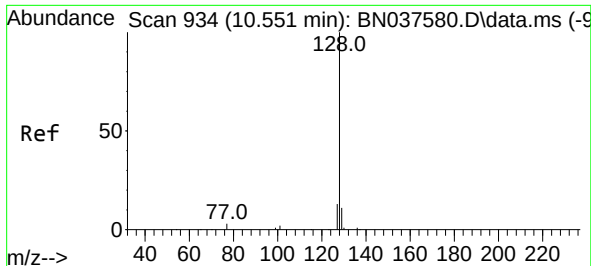
Tgt Ion:	136	Resp:	7591
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	8.3	7.3	10.9
68	6.1	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

Tgt Ion:	82	Resp:	1791
Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.6	48.8
54	58.8	48.9	73.3

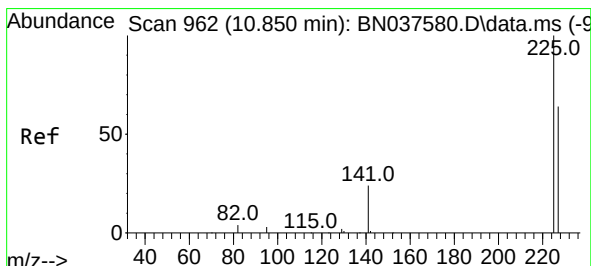
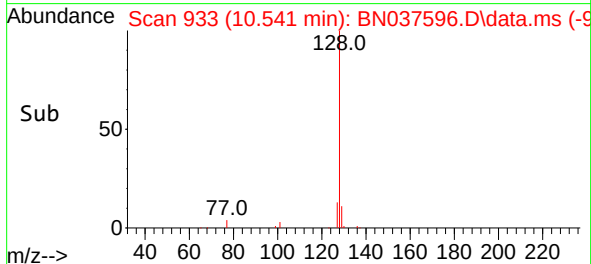
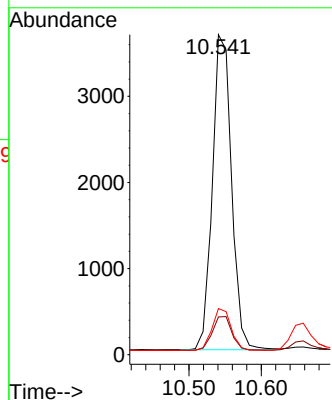
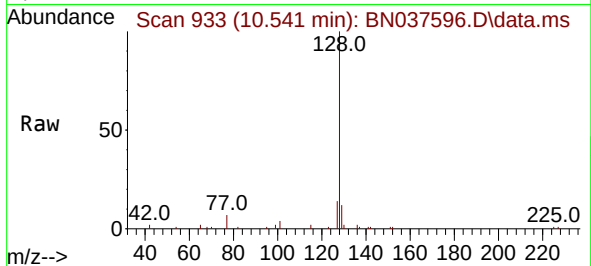




#9
Naphthalene
Concen: 0.333 ng
RT: 10.541 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

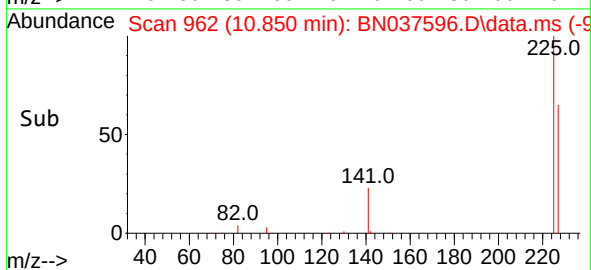
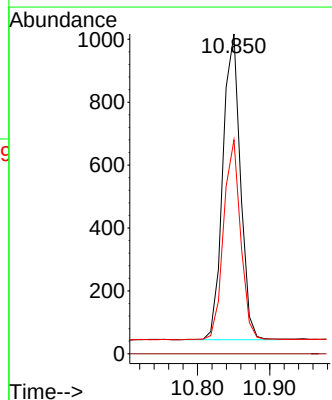
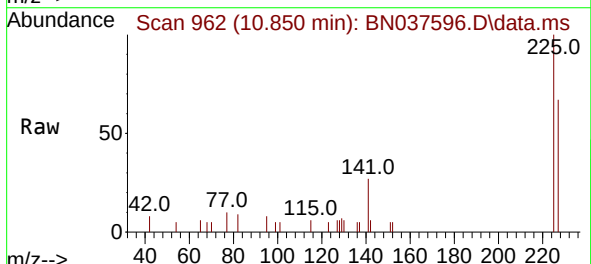
Instrument :
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PB169222BS

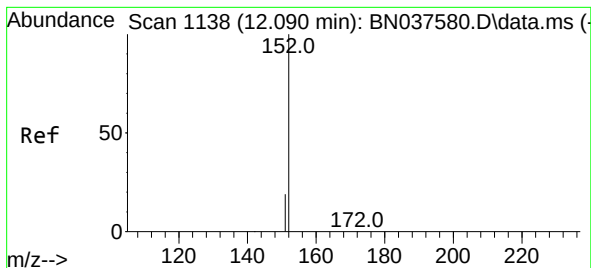
Tgt Ion:	128	Resp:	6736
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.8	14.6
127	14.4	11.5	17.3



#10
Hexachlorobutadiene
Concen: 0.331 ng
RT: 10.850 min Scan# 962
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

Tgt Ion:	225	Resp:	1635
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.7	50.8	76.2

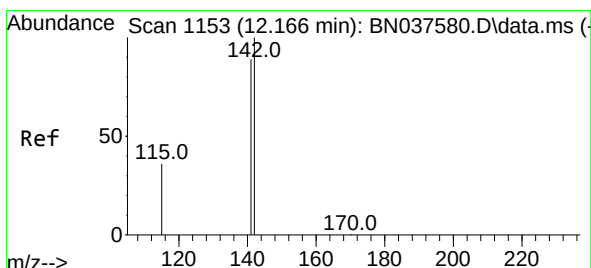
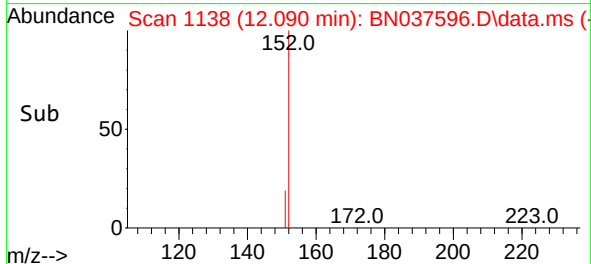
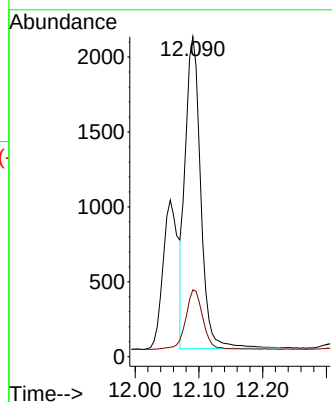
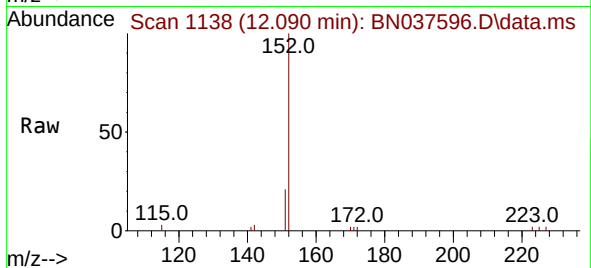




#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.090 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

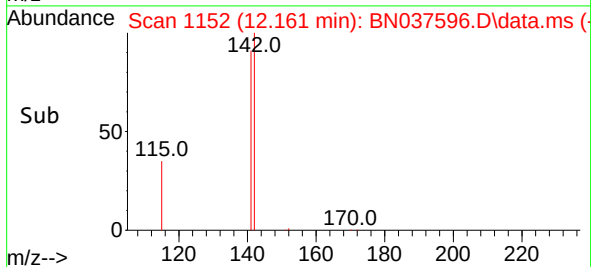
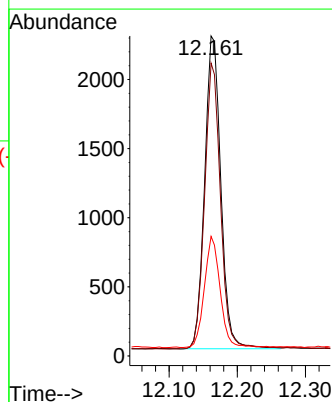
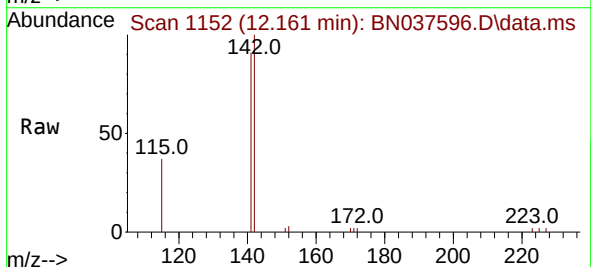
Instrument :
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ClientSampleId :
PB169222BS

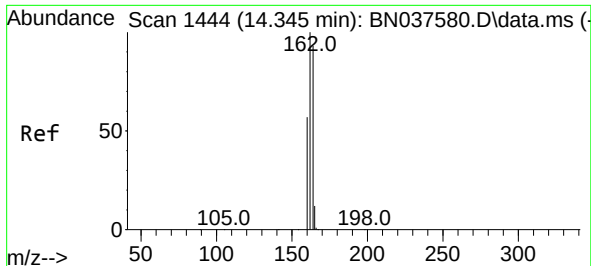
Tgt Ion:152 Resp: 3480
Ion Ratio Lower Upper
152 100
151 21.7 17.3 25.9



#12
2-Methylnaphthalene
Concen: 0.296 ng
RT: 12.161 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

Tgt Ion:142 Resp: 3749
Ion Ratio Lower Upper
142 100
141 91.5 71.4 107.0
115 37.4 30.2 45.4

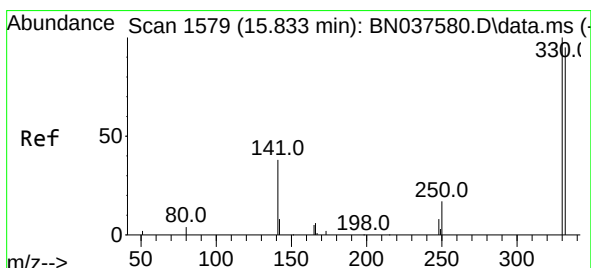
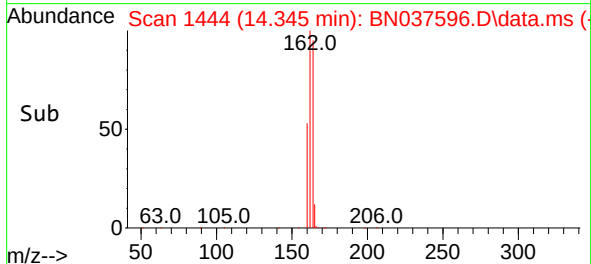
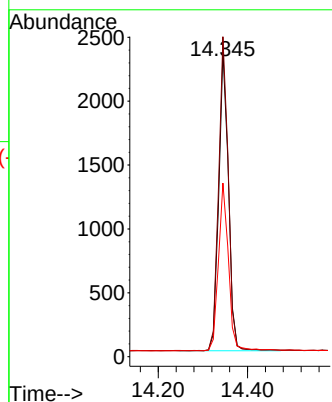
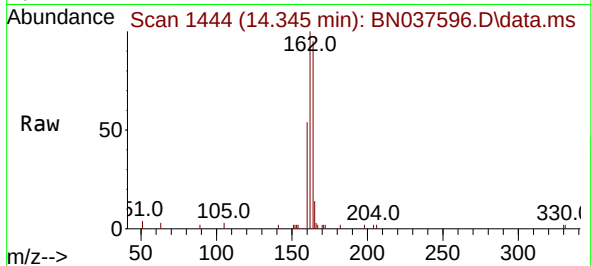




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

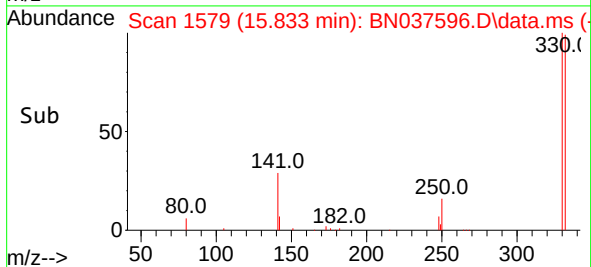
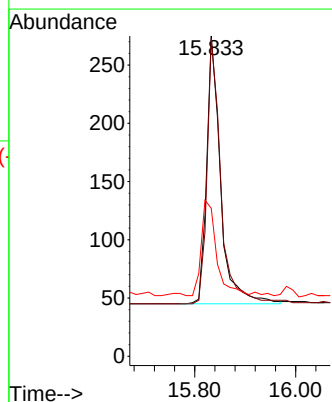
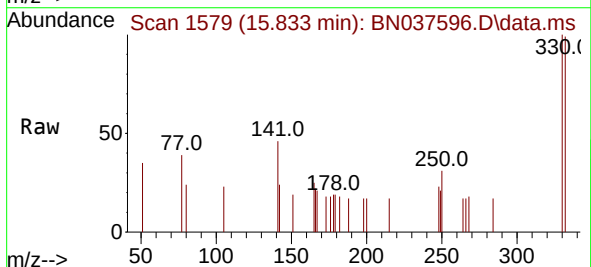
Instrument :
BNA_N
ClientSampleId :
PB169222BS

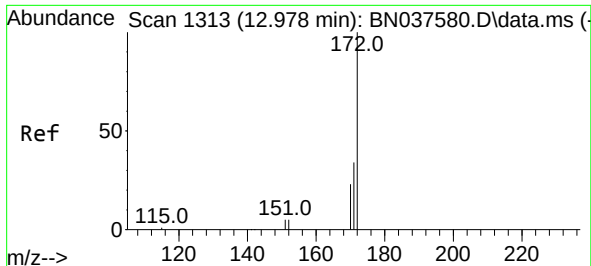
Tgt Ion:164 Resp: 3534
Ion Ratio Lower Upper
164 100
162 105.0 85.5 128.3
160 57.0 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

Tgt Ion:330 Resp: 442
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 38.7 30.9 46.3

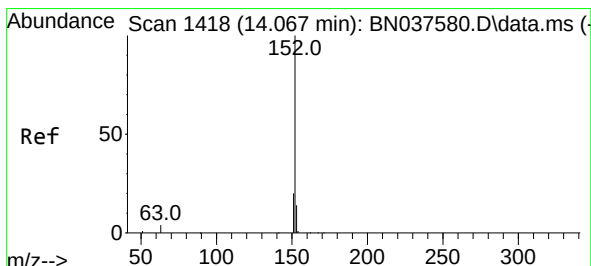
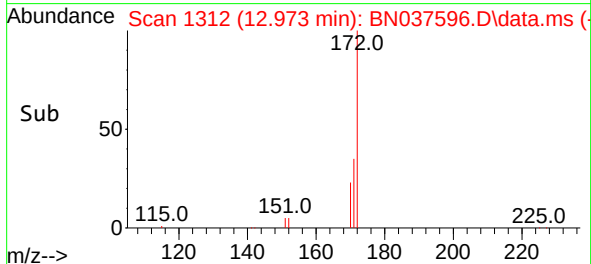
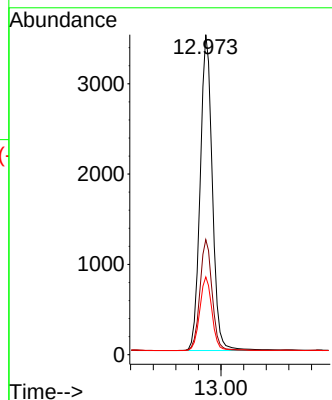
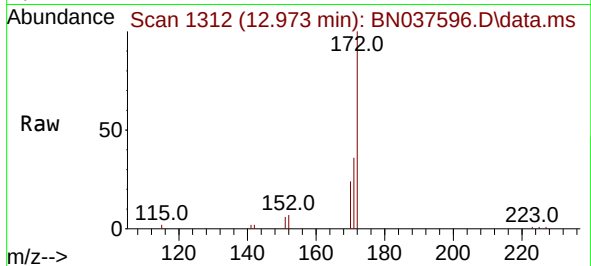




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.973 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

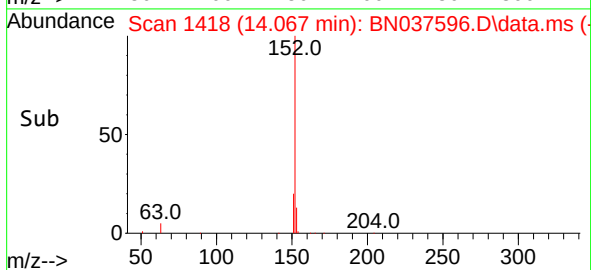
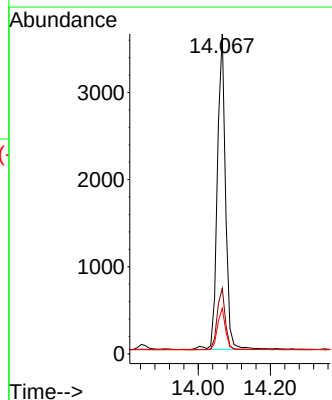
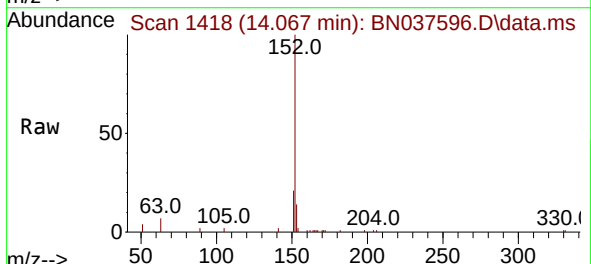
Instrument :
BNA_N
ClientSampleId :
PB169222BS

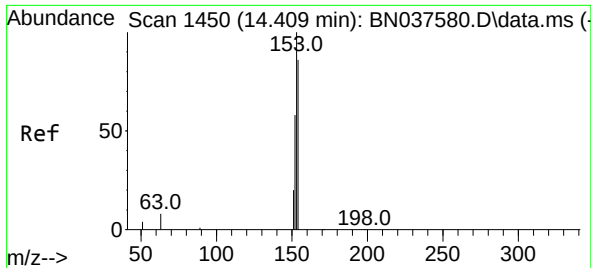
Tgt Ion:172 Resp: 7275
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.4
170 24.3 19.2 28.8



#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.067 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

Tgt Ion:152 Resp: 5698
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.1 10.7 16.1

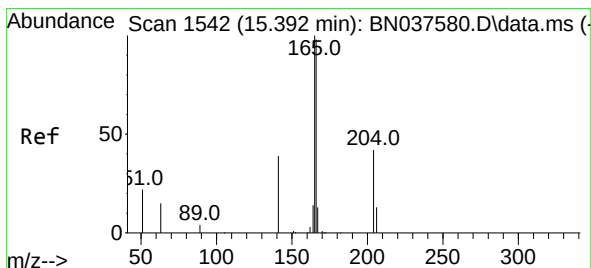
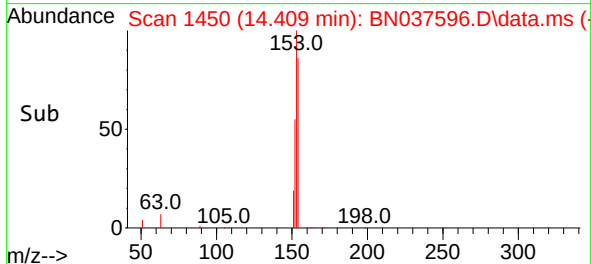
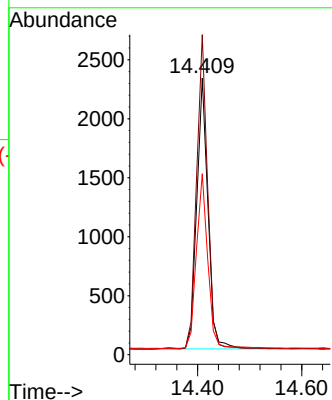
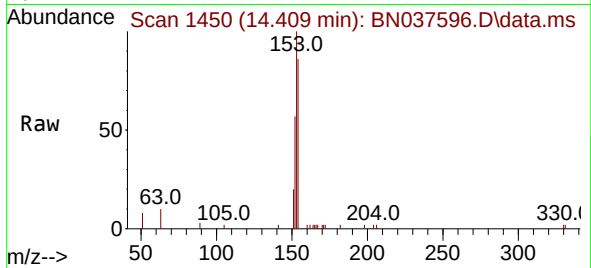




#17
Acenaphthene
Concen: 0.322 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

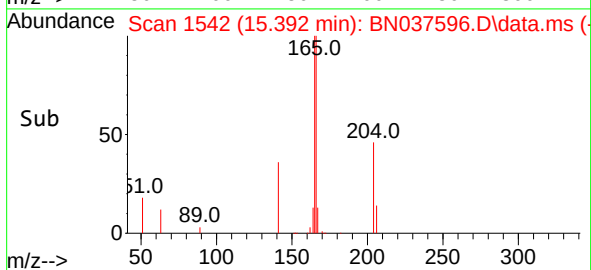
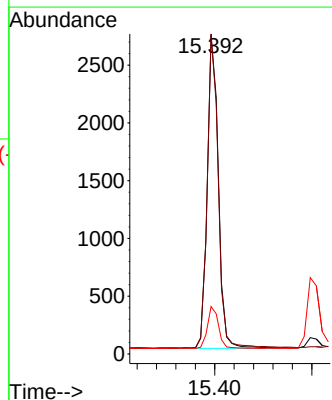
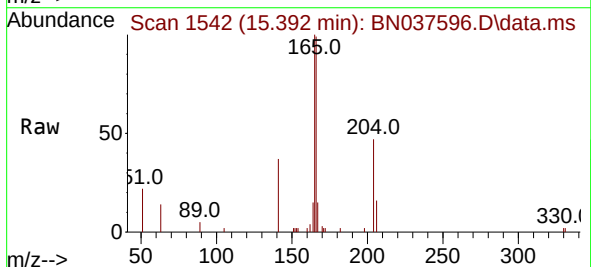
Instrument :
BNA_N
ClientSampleId :
PB169222BS

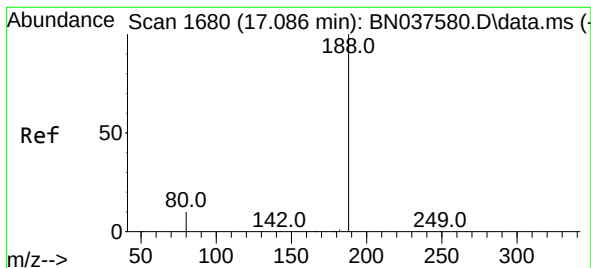
Tgt Ion:154 Resp: 3471
Ion Ratio Lower Upper
154 100
153 113.0 90.6 135.8
152 65.8 54.9 82.3



#18
Fluorene
Concen: 0.310 ng
RT: 15.392 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

Tgt Ion:166 Resp: 4368
Ion Ratio Lower Upper
166 100
165 98.9 78.9 118.3
167 13.0 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037596.D

Acq: 13 Aug 2025 15:22

Instrument :

BNA_N

ClientSampleId :

PB169222BS

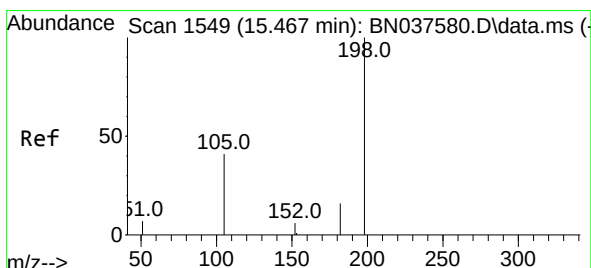
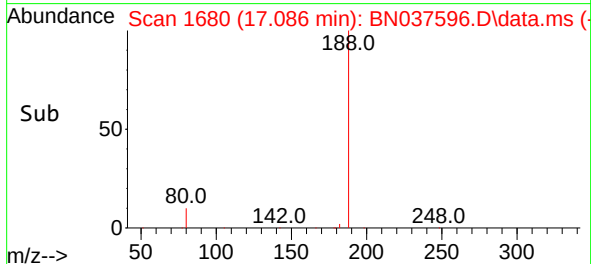
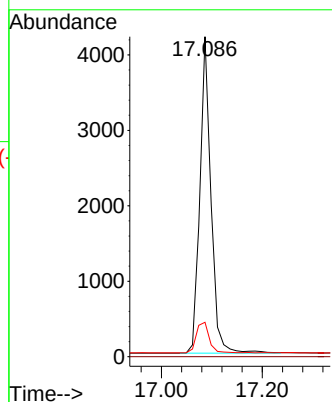
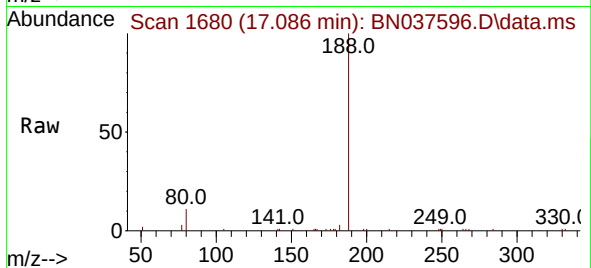
Tgt Ion:188 Resp: 6432

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 9.1 13.7



#20

4,6-Dinitro-2-methylphenol

Concen: 0.378 ng

RT: 15.467 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BN037596.D

Acq: 13 Aug 2025 15:22

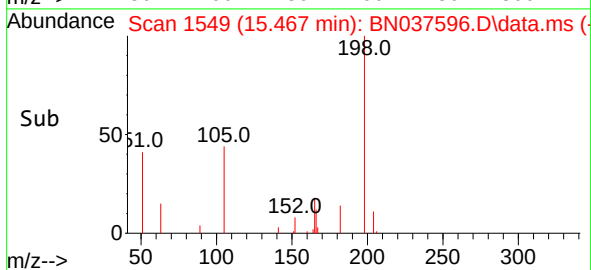
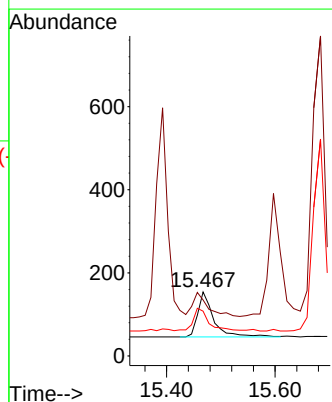
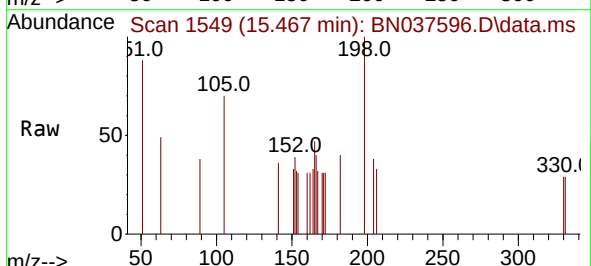
Tgt Ion:198 Resp: 231

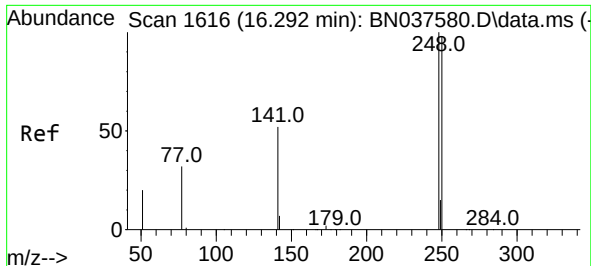
Ion Ratio Lower Upper

198 100

51 87.7 81.0 121.6

105 70.1 52.5 78.7

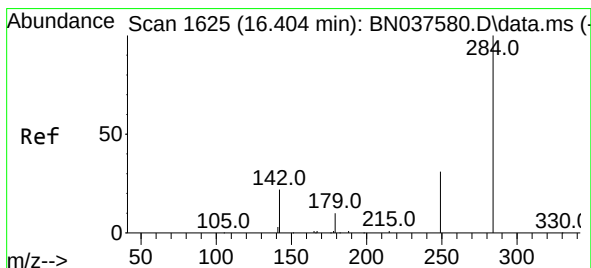
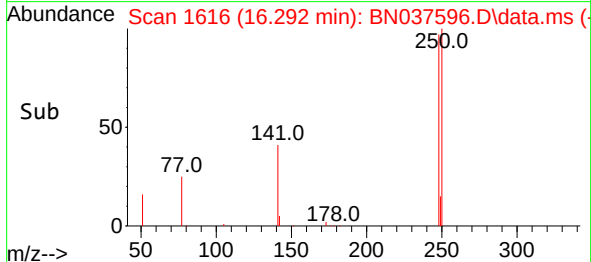
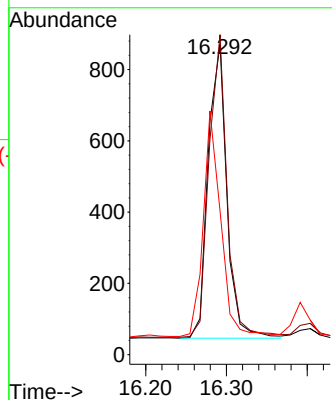
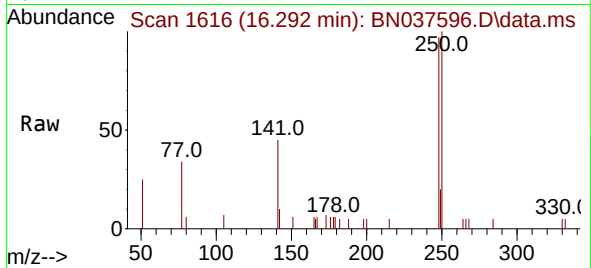




#21
4-Bromophenyl-phenylether
Concen: 0.331 ng
RT: 16.292 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

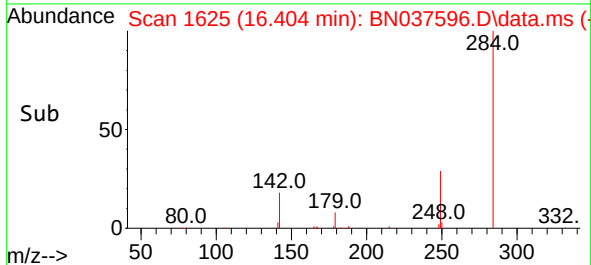
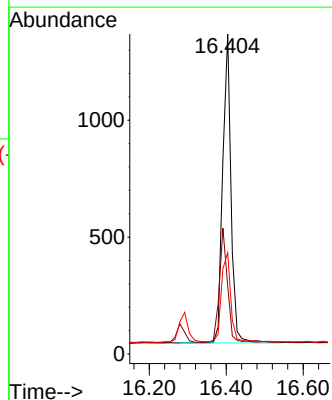
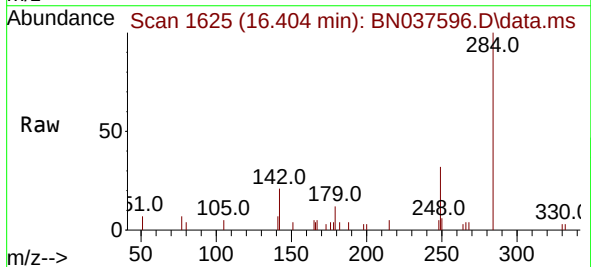
Instrument :
BNA_N
ClientSampleId :
PB169222BS

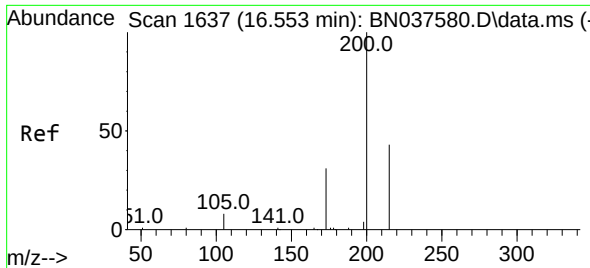
Tgt Ion:248 Resp: 1337
Ion Ratio Lower Upper
248 100
250 103.1 78.6 118.0
141 46.3 43.7 65.5



#22
Hexachlorobenzene
Concen: 0.349 ng
RT: 16.404 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

Tgt Ion:284 Resp: 2000
Ion Ratio Lower Upper
284 100
142 36.1 29.8 44.6
249 32.3 26.0 39.0

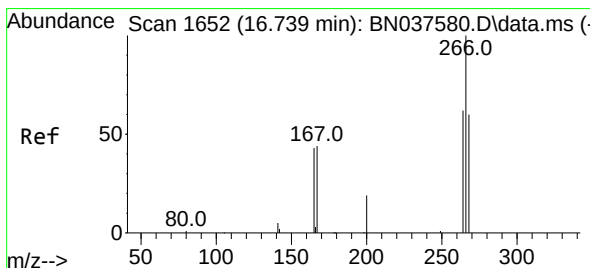
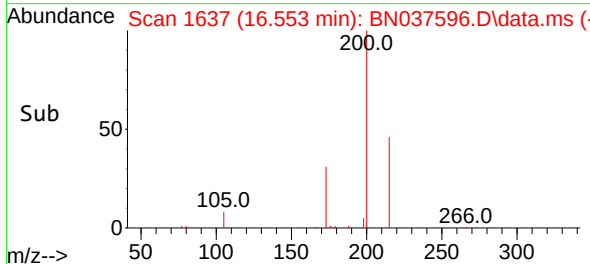
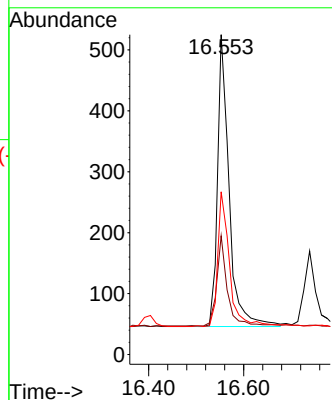
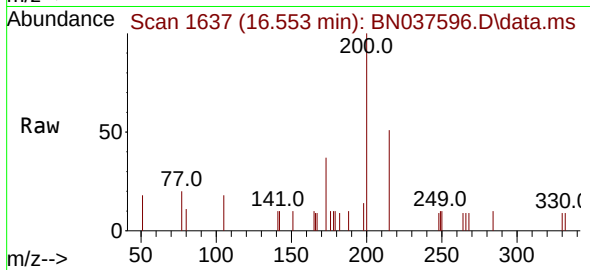




#23
 Atrazine
 Concen: 0.353 ng
 RT: 16.553 min Scan# 1637
 Delta R.T. -0.000 min
 Lab File: BN037596.D
 Acq: 13 Aug 2025 15:22

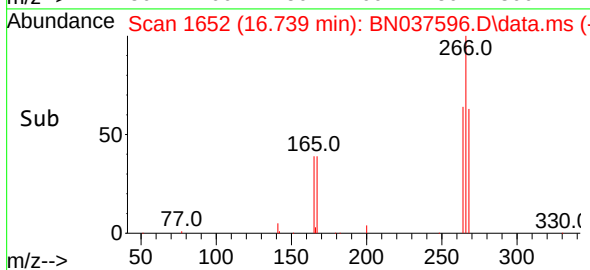
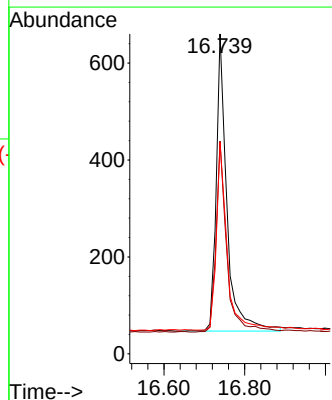
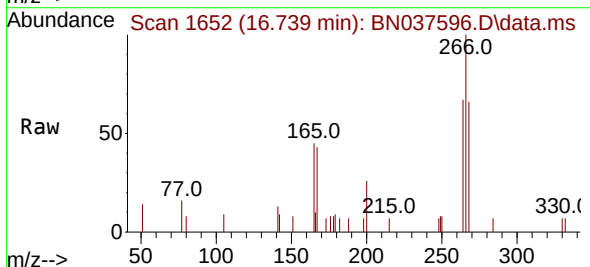
Instrument :
 BNA_N
 ClientSampleId :
 PB169222BS

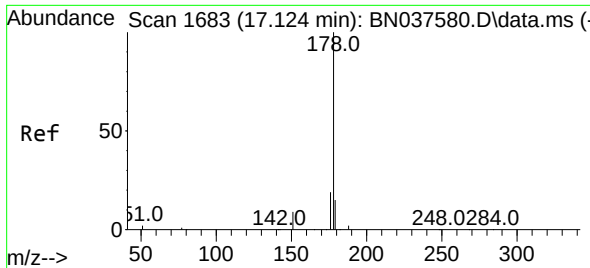
Tgt Ion:	200	Resp:	807
Ion	Ratio	Lower	Upper
200	100		
173	37.1	31.0	46.4
215	50.9	39.4	59.0



#24
 Pentachlorophenol
 Concen: 0.561 ng
 RT: 16.739 min Scan# 1652
 Delta R.T. -0.000 min
 Lab File: BN037596.D
 Acq: 13 Aug 2025 15:22

Tgt Ion:	266	Resp:	1130
Ion	Ratio	Lower	Upper
266	100		
264	63.7	49.6	74.4
268	62.9	49.2	73.8

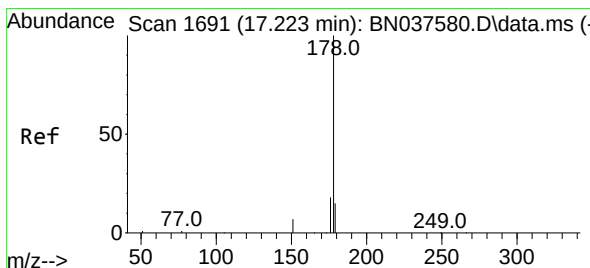
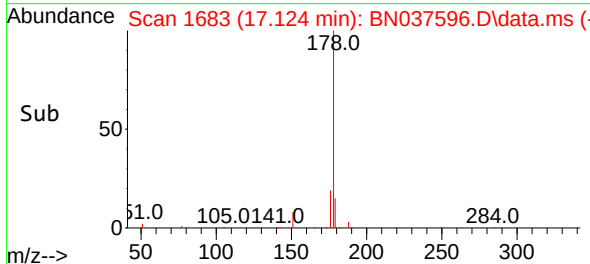
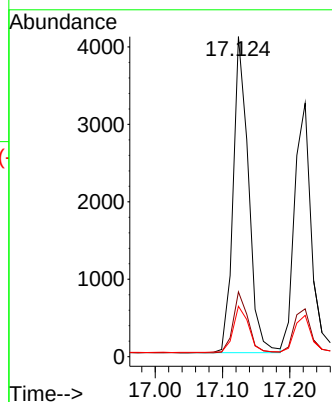
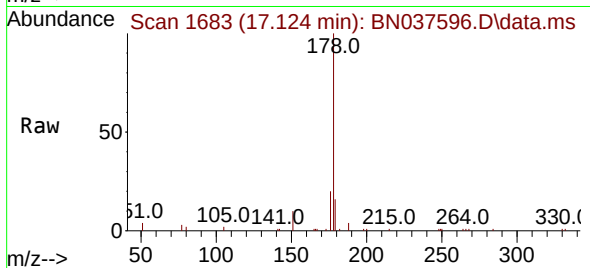




#25
 Phenanthrene
 Concen: 0.331 ng
 RT: 17.124 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: BN037596.D
 Acq: 13 Aug 2025 15:22

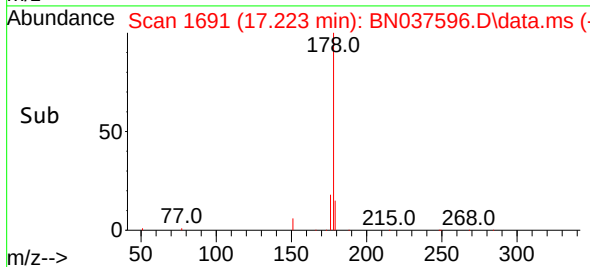
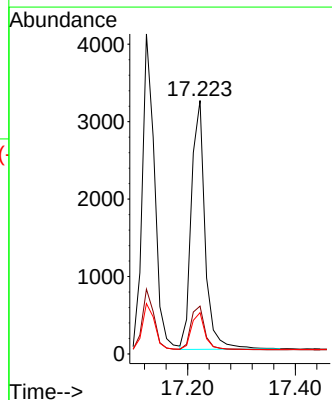
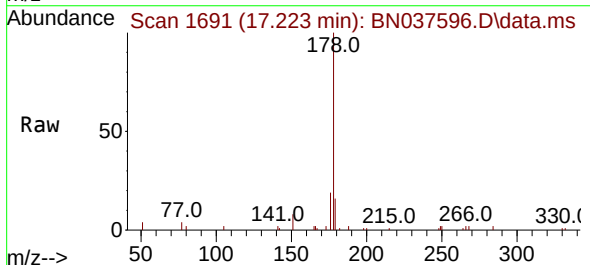
Instrument :
 BNA_N
 ClientSampleId :
 PB169222BS

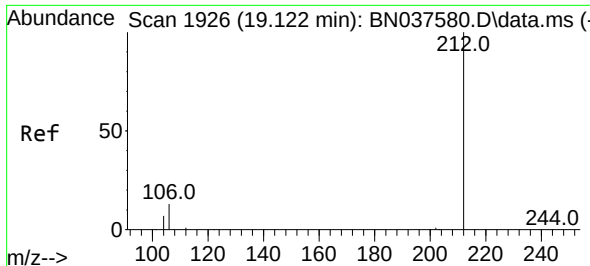
Tgt Ion:178 Resp: 6473
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.0 22.6
 179 14.9 12.3 18.5



#26
 Anthracene
 Concen: 0.329 ng
 RT: 17.223 min Scan# 1691
 Delta R.T. 0.000 min
 Lab File: BN037596.D
 Acq: 13 Aug 2025 15:22

Tgt Ion:178 Resp: 5692
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.7 22.1
 179 14.8 12.3 18.5

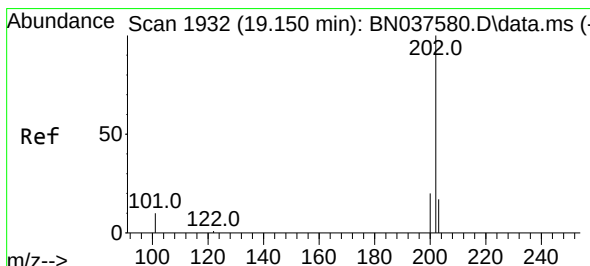
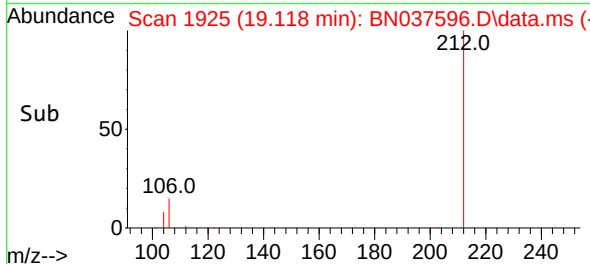
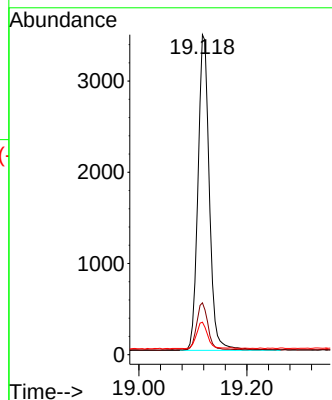
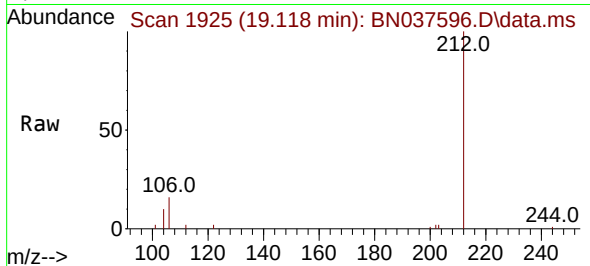




#27
Fluoranthene-d10
Concen: 0.300 ng
RT: 19.118 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

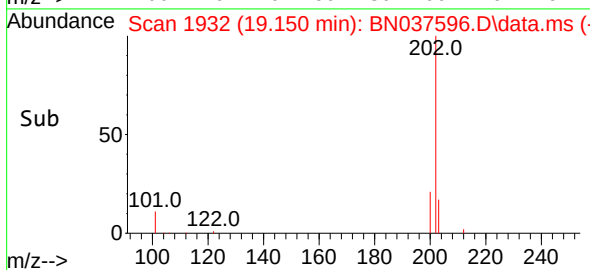
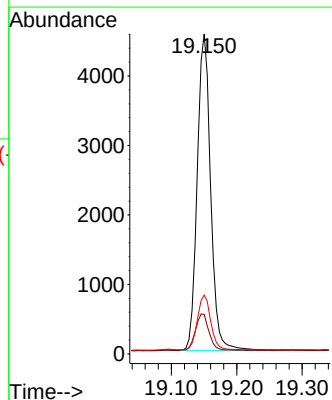
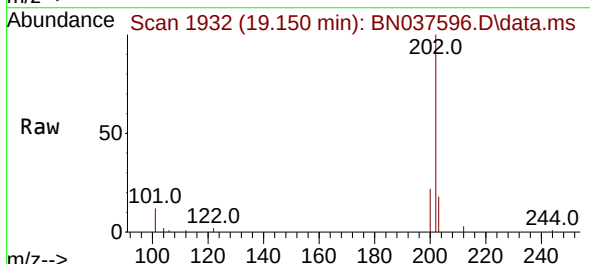
Instrument :
BNA_N
ClientSampleId :
PB169222BS

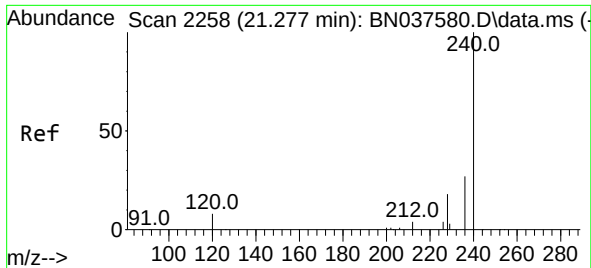
Tgt Ion:212 Resp: 5070
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 8.1 6.6 9.8



#28
Fluoranthene
Concen: 0.288 ng
RT: 19.150 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

Tgt Ion:202 Resp: 6474
Ion Ratio Lower Upper
202 100
101 12.0 9.0 13.6
203 17.1 13.8 20.8

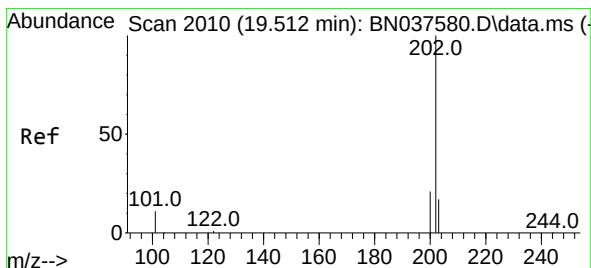
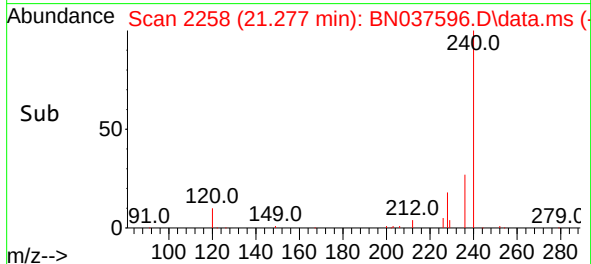
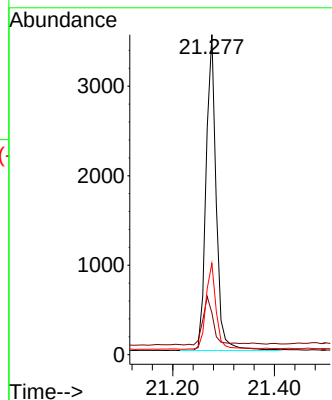
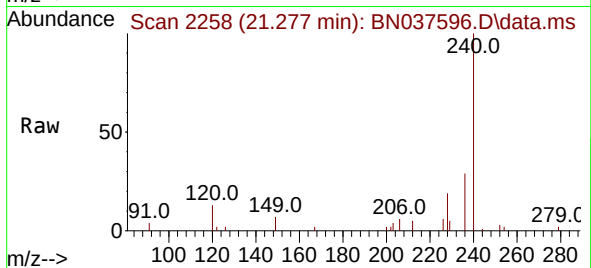




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

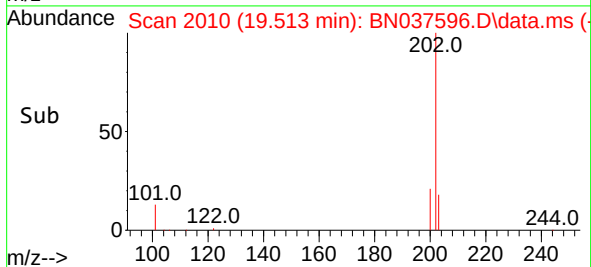
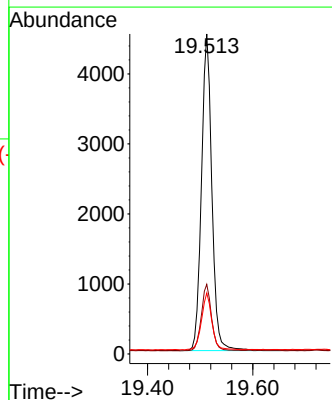
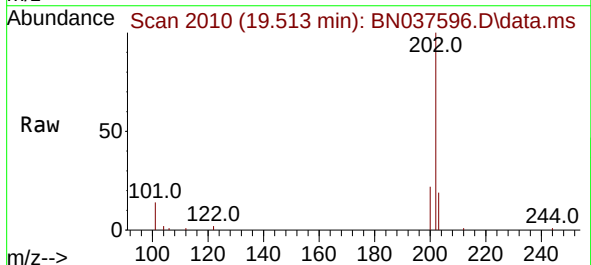
Instrument :
BNA_N
ClientSampleId :
PB169222BS

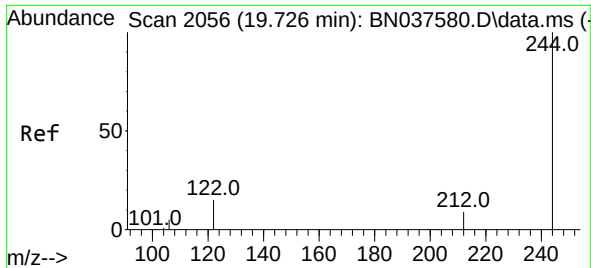
Tgt Ion:240 Resp: 4873
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 28.6 22.6 33.8



#30
Pyrene
Concen: 0.341 ng
RT: 19.513 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BN037596.D
Acq: 13 Aug 2025 15:22

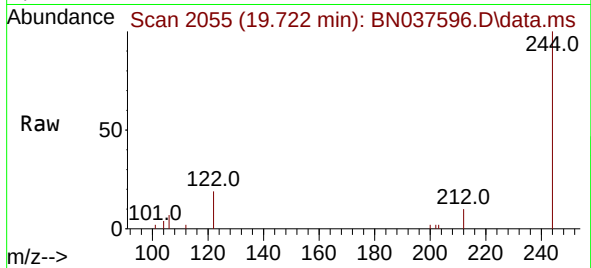
Tgt Ion:202 Resp: 6217
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 17.7 14.3 21.5



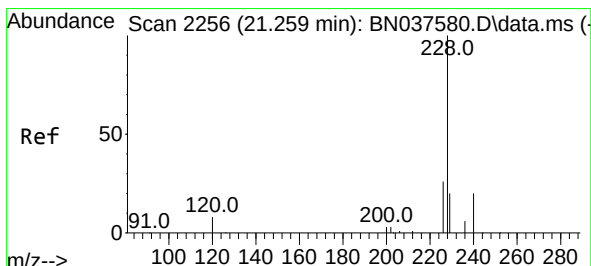
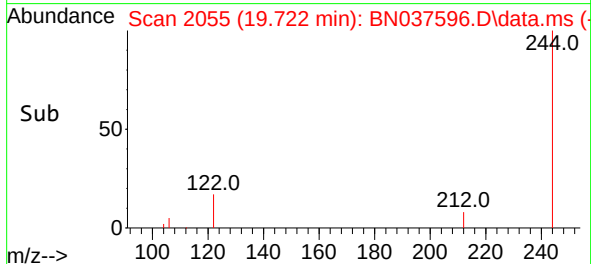
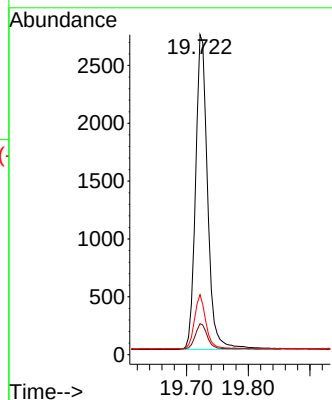


#31
 Terphenyl-d14
 Concen: 0.371 ng
 RT: 19.722 min Scan# 2055
 Delta R.T. -0.005 min
 Lab File: BN037596.D
 Acq: 13 Aug 2025 15:22

Instrument :
 BNA_N
 ClientSampleId :
 PB169222BS

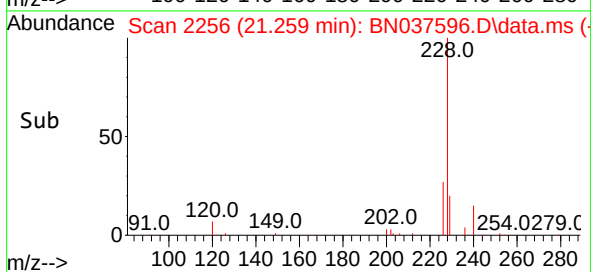
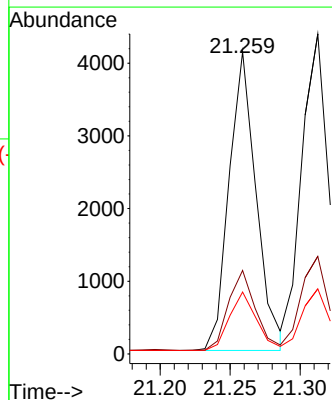
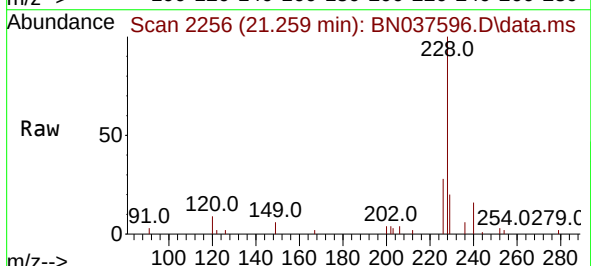


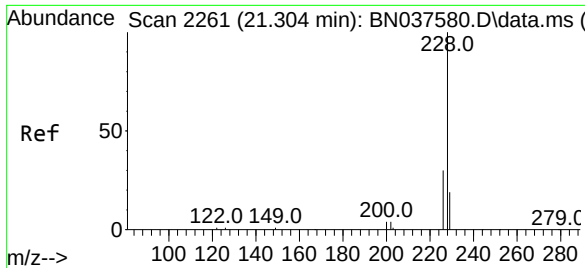
Tgt Ion:244 Resp: 3723
 Ion Ratio Lower Upper
 244 100
 212 9.7 8.2 12.2
 122 18.7 13.2 19.8



#32
 Benzo(a)anthracene
 Concen: 0.341 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: BN037596.D
 Acq: 13 Aug 2025 15:22

Tgt Ion:228 Resp: 5547
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.5 32.3
 229 20.5 16.5 24.7





#33

Chrysene

Concen: 0.340 ng

RT: 21.313 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN037596.D

Acq: 13 Aug 2025 15:22

Instrument :

BNA_N

ClientSampleId :

PB169222BS

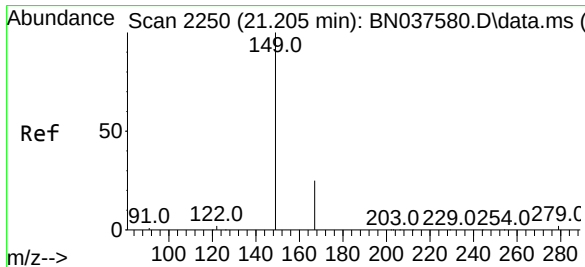
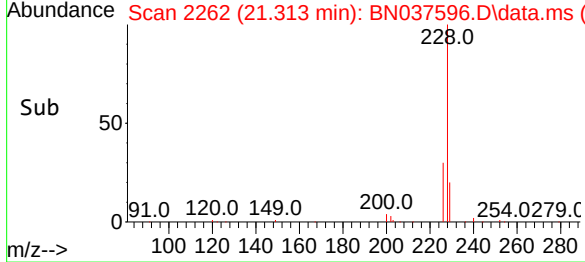
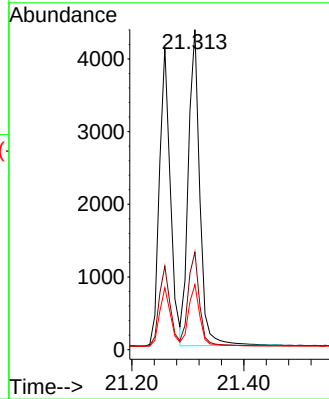
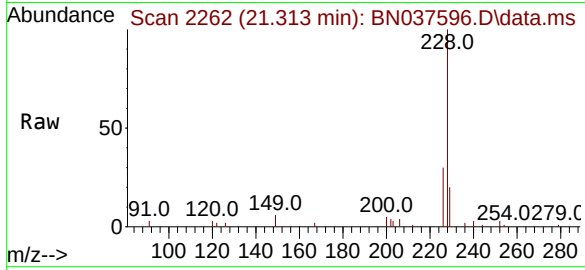
Tgt Ion:228 Resp: 6161

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

229 20.4 15.8 23.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.299 ng

RT: 21.205 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BN037596.D

Acq: 13 Aug 2025 15:22

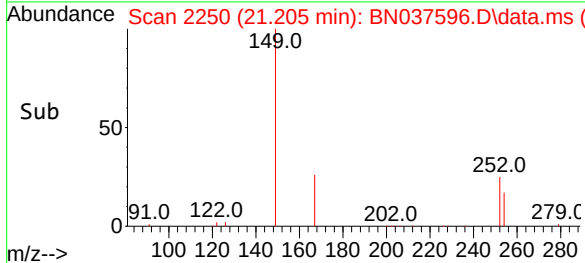
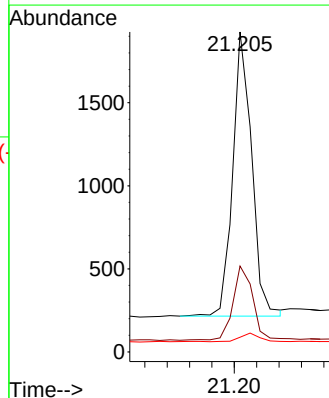
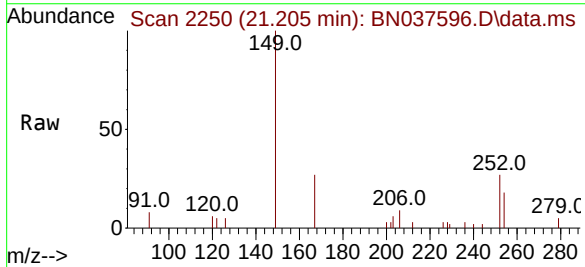
Tgt Ion:149 Resp: 2008

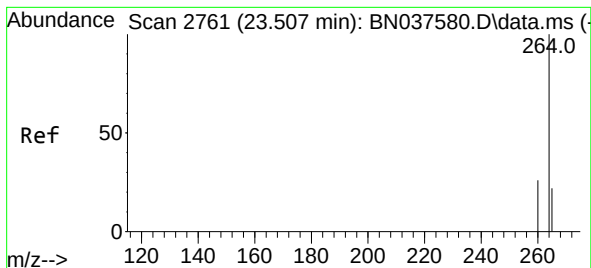
Ion Ratio Lower Upper

149 100

167 27.8 20.5 30.7

279 3.1 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.510 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN037596.D

Acq: 13 Aug 2025 15:22

Instrument :

BNA_N

ClientSampleId :

PB169222BS

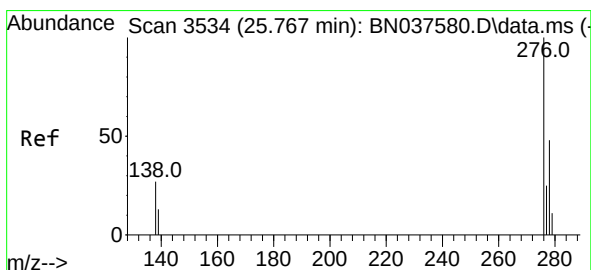
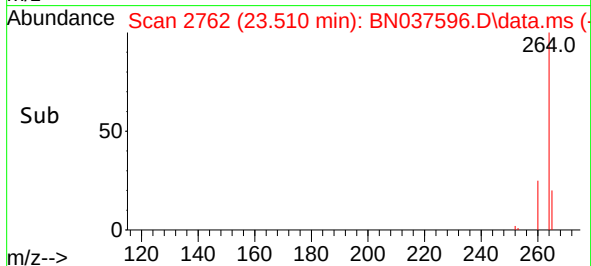
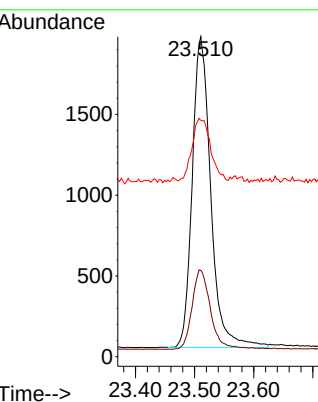
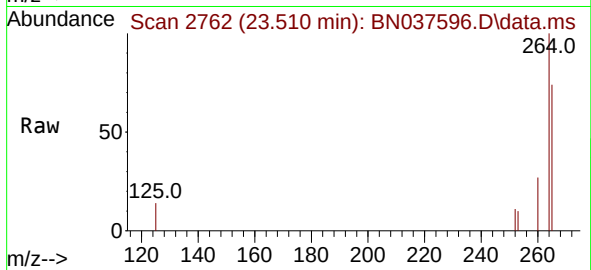
Tgt Ion:264 Resp: 4192

Ion Ratio Lower Upper

264 100

260 27.0 21.6 32.4

265 73.9 48.2 72.4#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.339 ng

RT: 25.770 min Scan# 3535

Delta R.T. 0.003 min

Lab File: BN037596.D

Acq: 13 Aug 2025 15:22

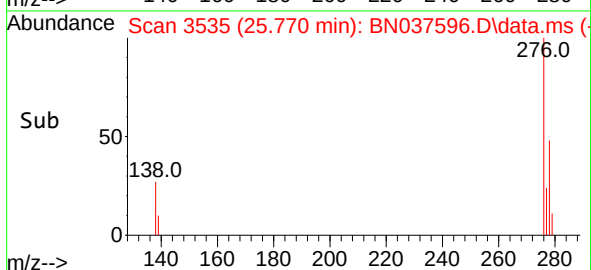
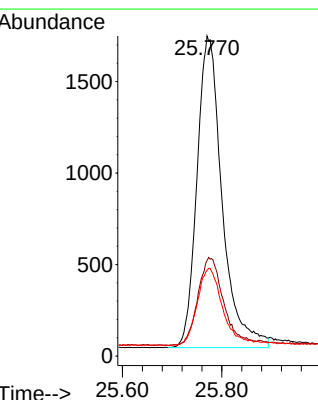
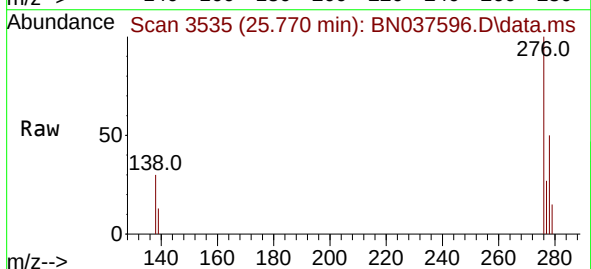
Tgt Ion:276 Resp: 5987

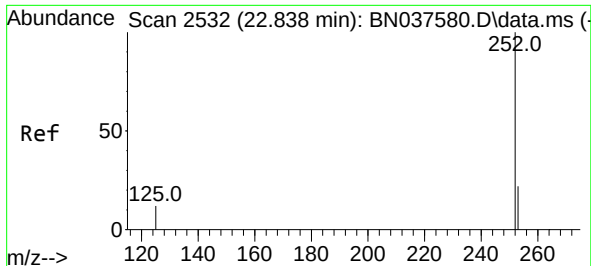
Ion Ratio Lower Upper

276 100

138 28.9 23.3 34.9

277 24.7 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.344 ng

RT: 22.841 min Scan# 2533

Delta R.T. 0.003 min

Lab File: BN037596.D

Acq: 13 Aug 2025 15:22

Instrument :

BNA_N

ClientSampleId :

PB169222BS

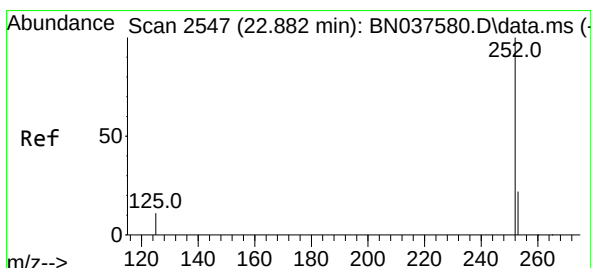
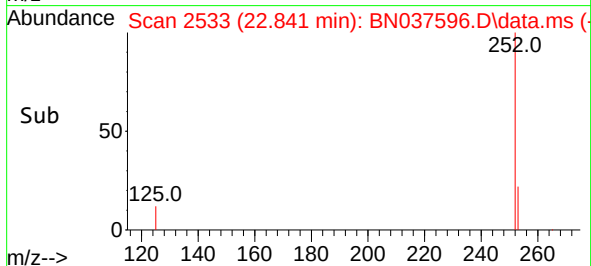
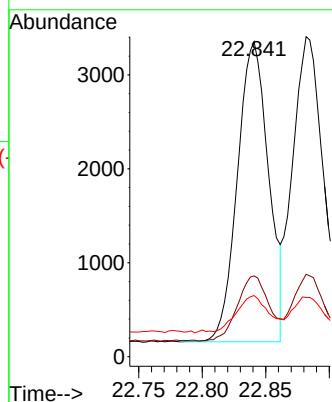
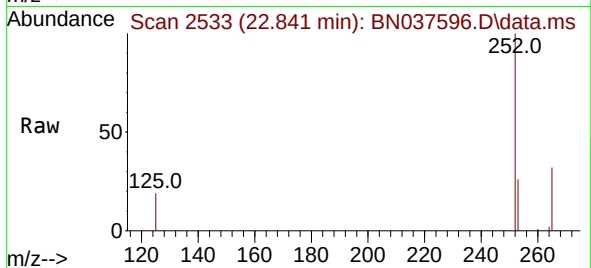
Tgt Ion:252 Resp: 5458

Ion Ratio Lower Upper

252 100

253 25.7 20.0 30.0

125 19.4 13.8 20.6



#38

Benzo(k)fluoranthene

Concen: 0.321 ng

RT: 22.882 min Scan# 2547

Delta R.T. 0.000 min

Lab File: BN037596.D

Acq: 13 Aug 2025 15:22

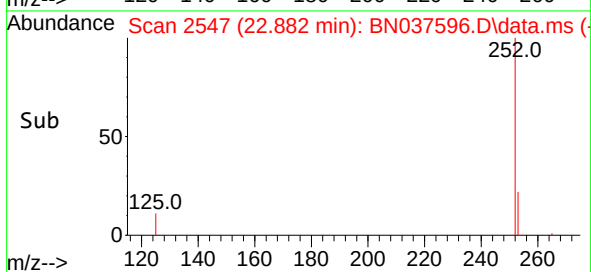
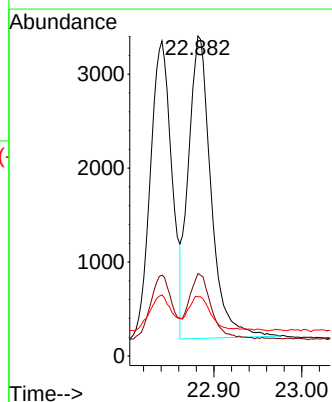
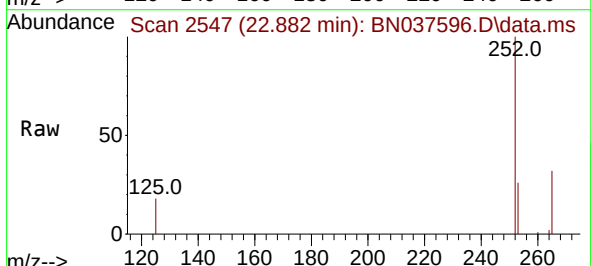
Tgt Ion:252 Resp: 5754

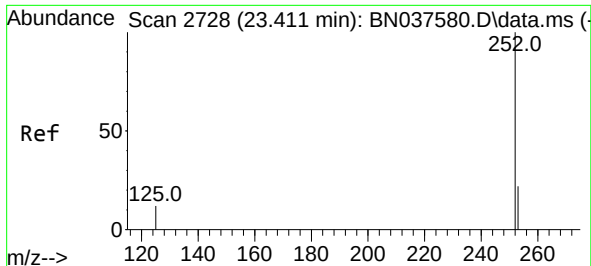
Ion Ratio Lower Upper

252 100

253 25.7 19.9 29.9

125 18.5 15.0 22.6





#39

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.414 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN037596.D

Acq: 13 Aug 2025 15:22

Instrument :

BNA_N

ClientSampleId :

PB169222BS

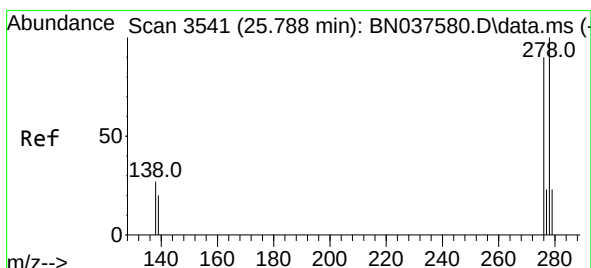
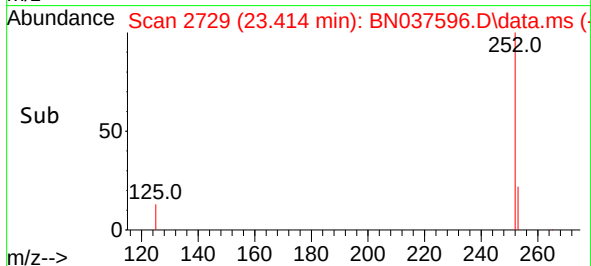
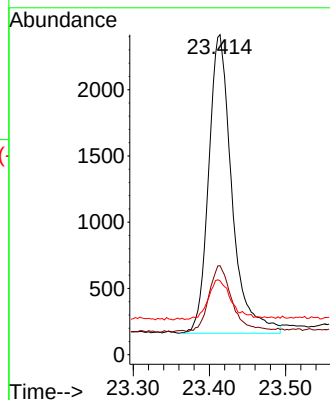
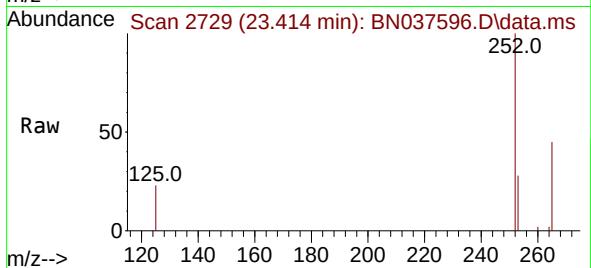
Tgt Ion:252 Resp: 4770

Ion Ratio Lower Upper

252 100

253 27.8 21.6 32.4

125 23.1 16.8 25.2



#40

Dibenzo(a,h)anthracene

Concen: 0.338 ng

RT: 25.791 min Scan# 3542

Delta R.T. 0.003 min

Lab File: BN037596.D

Acq: 13 Aug 2025 15:22

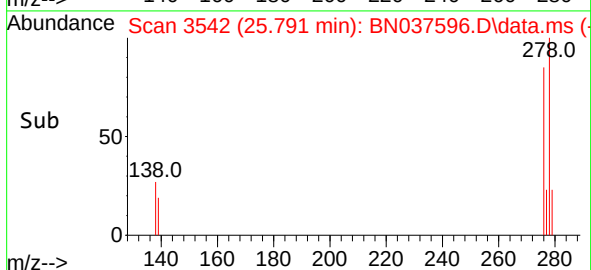
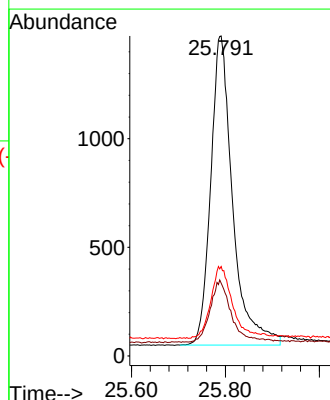
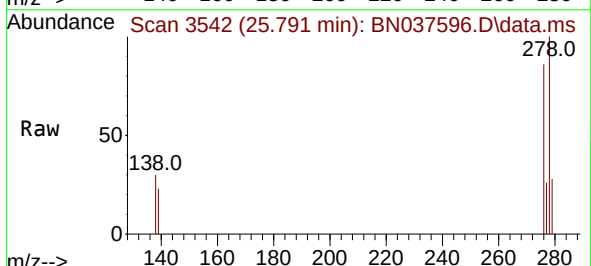
Tgt Ion:278 Resp: 4628

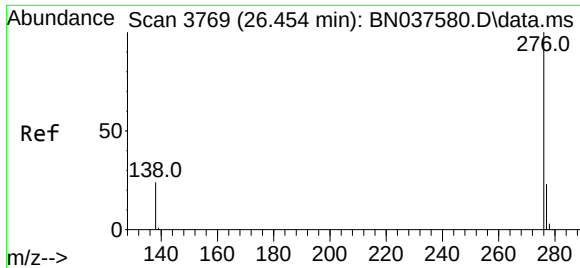
Ion Ratio Lower Upper

278 100

139 22.7 18.3 27.5

279 28.0 22.5 33.7





#41
 Benzo(g,h,i)perylene
 Concen: 0.366 ng
 RT: 26.457 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN037596.D
 Acq: 13 Aug 2025 15:22

Instrument :
 BNA_N
 ClientSampleId :
 PB169222BS

Tgt Ion:	276	Resp:	5279
Ion	Ratio	Lower	Upper
276	100		
277	25.9	21.0	31.4
138	26.8	21.7	32.5

