

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022025\
 Data File : BN036478.D
 Acq On : 20 Feb 2025 13:12
 Operator : RC/JU
 Sample : Q1380-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-780-782MSD

Quant Time: Feb 21 00:10:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

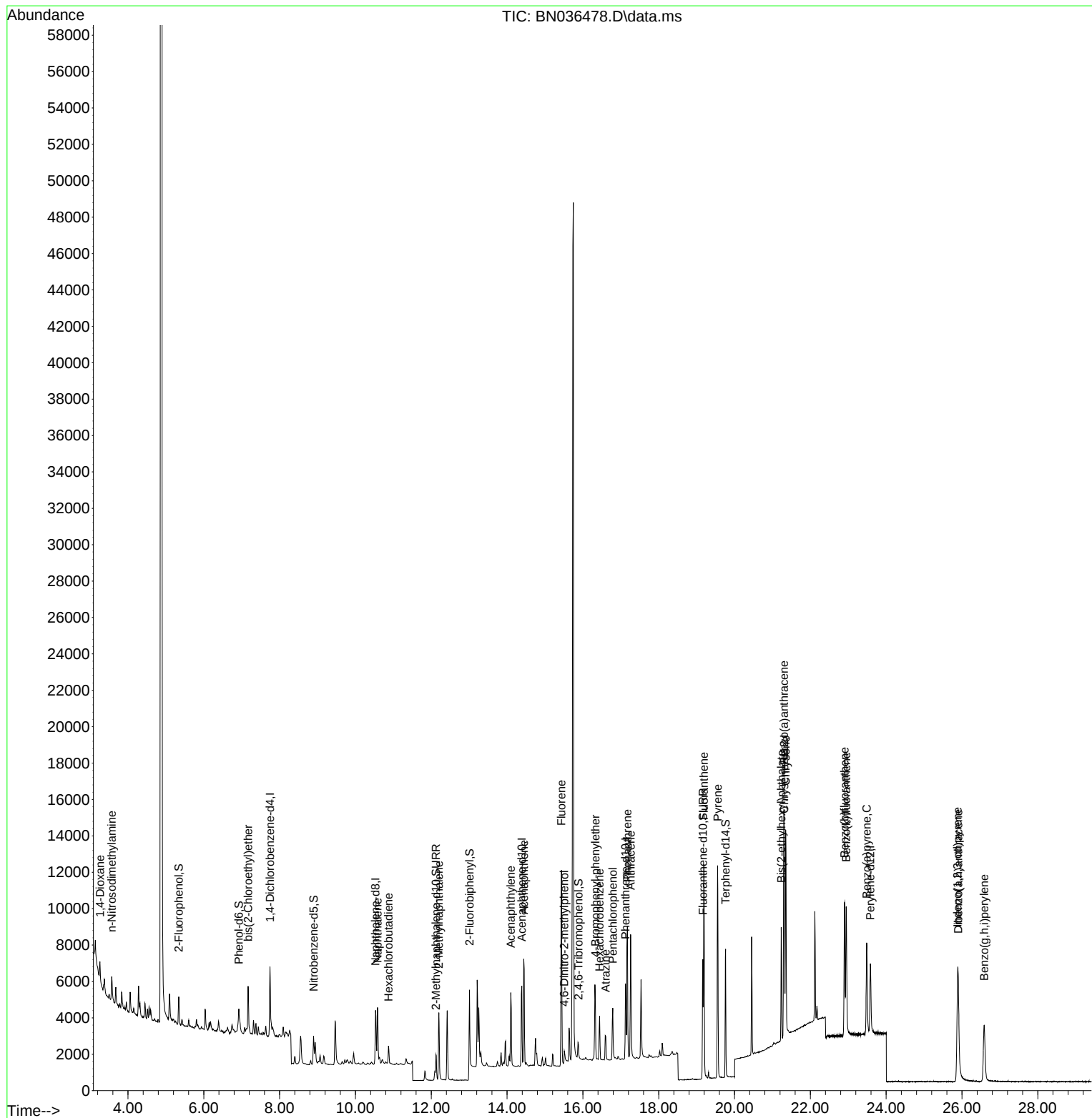
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	1787	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	4250	0.400	ng	-0.01
13) Acenaphthene-d10	14.387	164	2636	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	5810	0.400	ng	#-0.01
29) Chrysene-d12	21.313	240	5865	0.400	ng	0.00
35) Perylene-d12	23.584	264	5479	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	1045	0.247	ng	0.00
5) Phenol-d6	6.923	99	1140	0.230	ng	-0.01
8) Nitrobenzene-d5	8.897	82	1342	0.320	ng	-0.01
11) 2-Methylnaphthalene-d10	12.126	152	2100	0.321	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	527	0.403	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	4503	0.454	ng	-0.01
27) Fluoranthene-d10	19.164	212	7507	0.465	ng	0.00
31) Terphenyl-d14	19.763	244	6922	0.553	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	542	0.277	ng	# 40
3) n-Nitrosodimethylamine	3.572	42	979	0.288	ng	# 97
6) bis(2-Chloroethyl)ether	7.168	93	1774	0.342	ng	99
9) Naphthalene	10.583	128	4190	0.342	ng	99
10) Hexachlorobutadiene	10.872	225	844	0.283	ng	# 99
12) 2-Methylnaphthalene	12.202	142	2829	0.352	ng	99
16) Acenaphthylene	14.099	152	4650	0.399	ng	99
17) Acenaphthene	14.441	154	3020	0.388	ng	98
18) Fluorene	15.435	166	4515	0.408	ng	95
20) 4,6-Dinitro-2-methylph...	15.510	198	396	0.347	ng	97
21) 4-Bromophenyl-phenylether	16.329	248	1544	0.446	ng	# 75
22) Hexachlorobenzene	16.441	284	1773	0.414	ng	97
23) Atrazine	16.602	200	1299	0.449	ng	96
24) Pentachlorophenol	16.788	266	1498	0.737	ng	99
25) Phenanthrene	17.173	178	8339	0.497	ng	100
26) Anthracene	17.260	178	7296	0.493	ng	99
28) Fluoranthene	19.192	202	10396	0.504	ng	98
30) Pyrene	19.554	202	10879	0.482	ng	99
32) Benzo(a)anthracene	21.304	228	9605	0.498	ng	99
33) Chrysene	21.348	228	10250	0.491	ng	99
34) Bis(2-ethylhexyl)phtha...	21.232	149	5656	0.470	ng	100
36) Indeno(1,2,3-cd)pyrene	25.884	276	8831	0.461	ng	97
37) Benzo(b)fluoranthene	22.902	252	9474	0.525	ng	99
38) Benzo(k)fluoranthene	22.946	252	9481	0.510	ng	99
39) Benzo(a)pyrene	23.487	252	7896	0.501	ng	98
40) Dibenzo(a,h)anthracene	25.902	278	6691	0.443	ng	99
41) Benzo(g,h,i)perylene	26.586	276	6735	0.393	ng	98

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

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782MSD

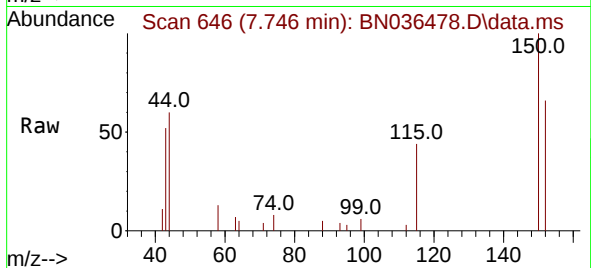
Quant Time: Feb 21 00:10:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
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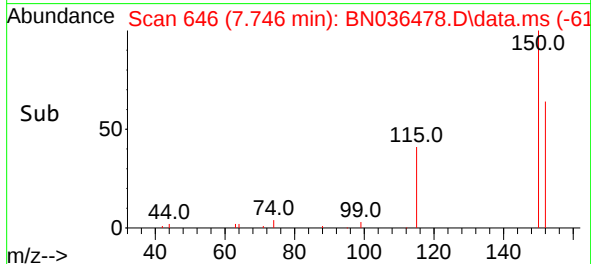
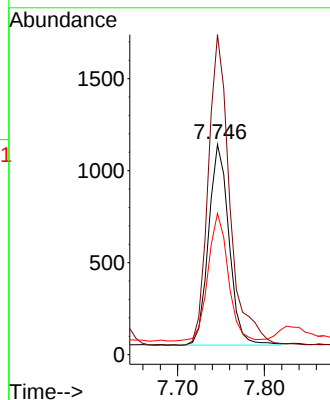
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.746 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036478.D
 Acq: 20 Feb 2025 13:12

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-780-782MSD



Tgt Ion: 152 Resp: 1787

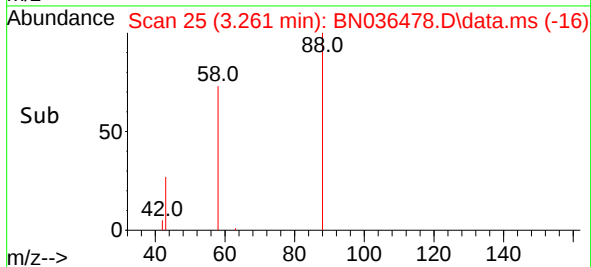
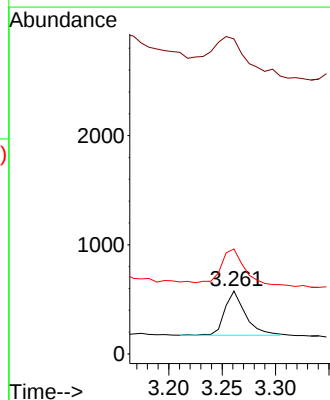
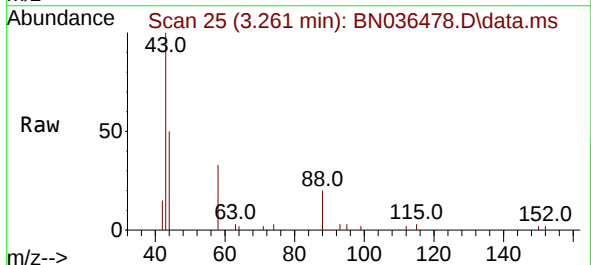
Ion	Ratio	Lower	Upper
152	100		
150	152.1	123.7	185.5
115	67.2	52.5	78.7



#2
 1,4-Dioxane
 Concen: 0.277 ng
 RT: 3.261 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN036478.D
 Acq: 20 Feb 2025 13:12

Tgt Ion: 88 Resp: 542

Ion	Ratio	Lower	Upper
88	100		
43	153.0	33.7	50.5#
58	89.1	68.9	103.3

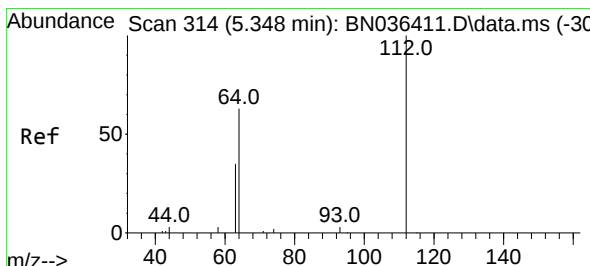
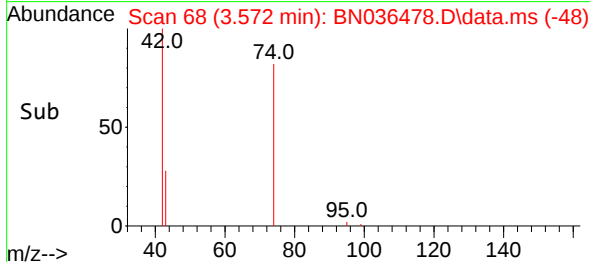
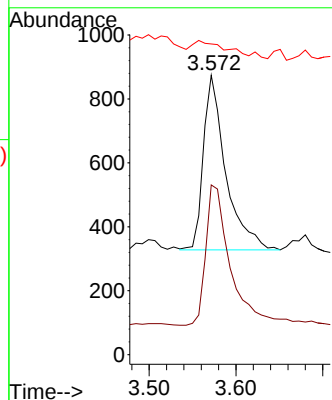
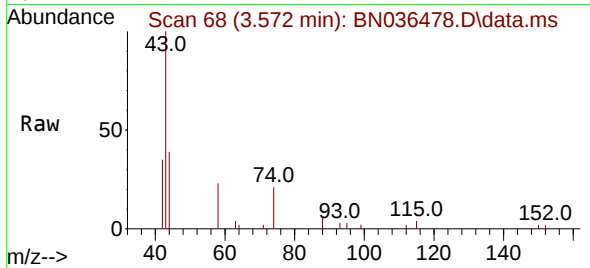




#3
n-Nitrosodimethylamine
Concen: 0.288 ng
RT: 3.572 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

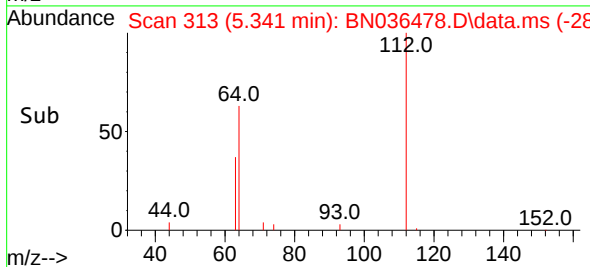
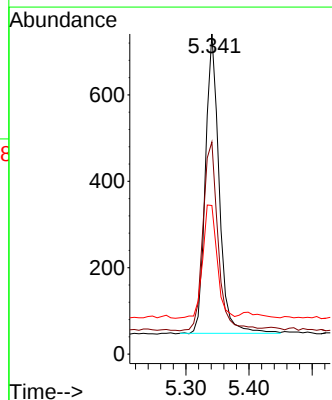
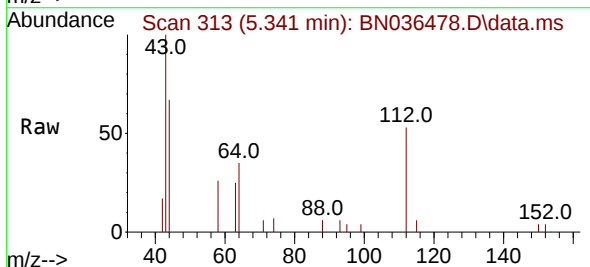
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 42 Resp: 979
Ion Ratio Lower Upper
42 100
74 90.6 71.8 107.6
44 16.6 7.8 11.6#



#4
2-Fluorophenol
Concen: 0.247 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion: 112 Resp: 1045
Ion Ratio Lower Upper
112 100
64 69.5 53.4 80.0
63 39.5 30.3 45.5

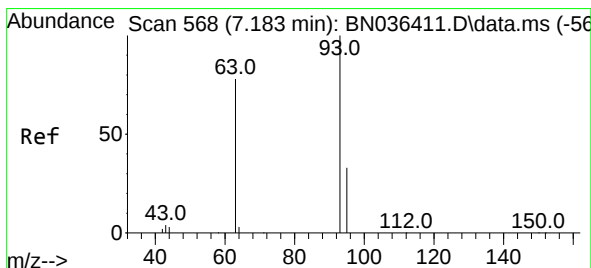
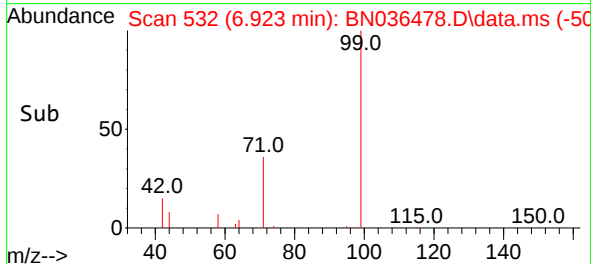
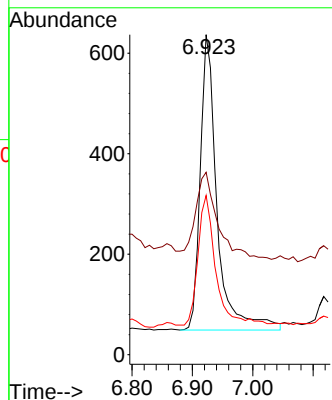
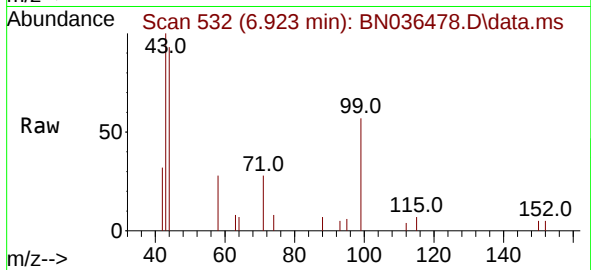




#5
Phenol-d6
Concen: 0.230 ng
RT: 6.923 min Scan# 511
Delta R.T. -0.015 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

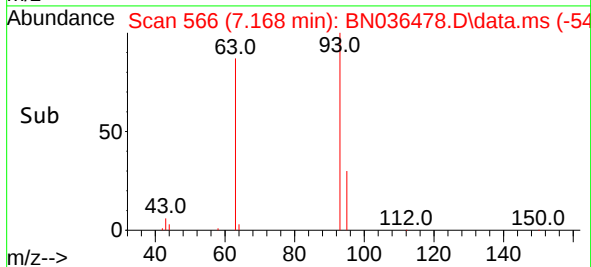
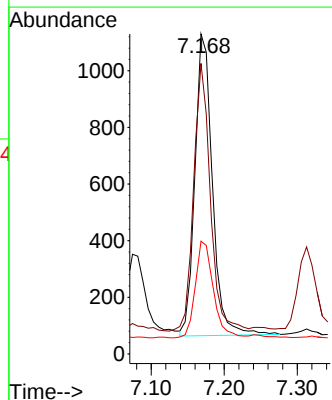
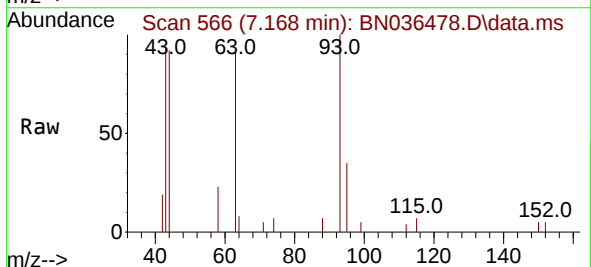
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782MSD

Tgt Ion: 99 Resp: 1140
Ion Ratio Lower Upper
99 100
42 39.7 21.7 32.5#
71 46.6 32.6 49.0



#6
bis(2-Chloroethyl)ether
Concen: 0.342 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.015 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion: 93 Resp: 1774
Ion Ratio Lower Upper
93 100
63 84.4 66.3 99.5
95 32.9 26.2 39.4

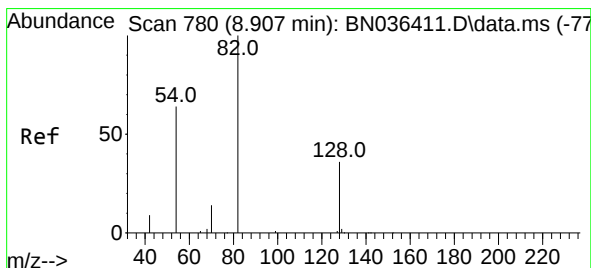
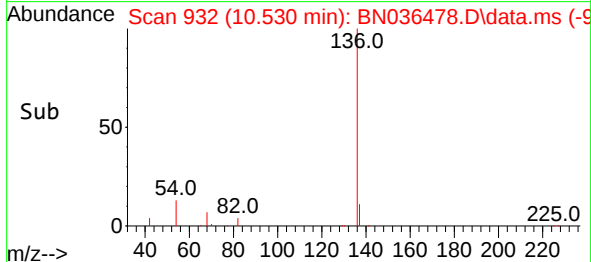
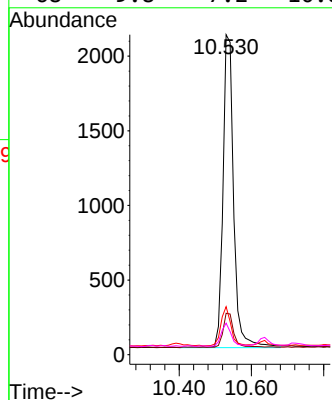
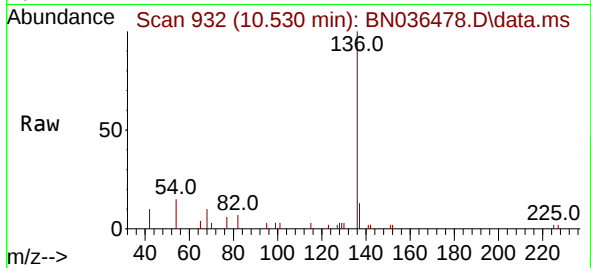




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

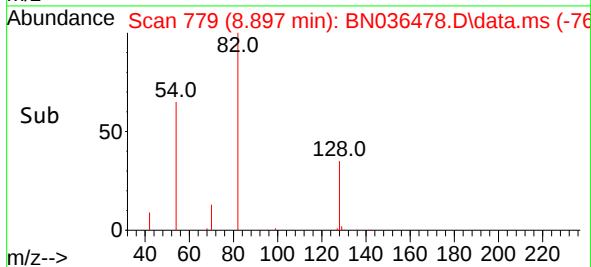
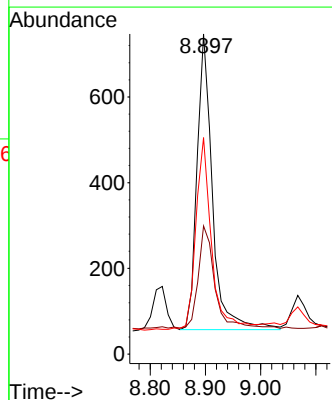
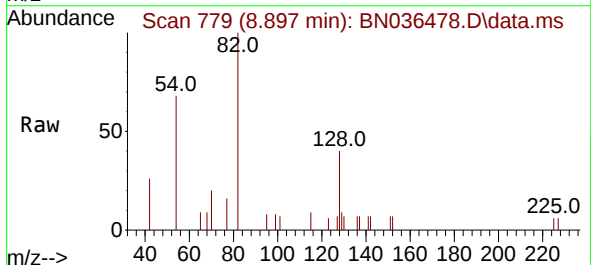
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782MSD

Tgt Ion:	136	Resp:	4250
Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.1	15.1
54	15.0	11.8	17.6
68	9.8	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion:	82	Resp:	1342
Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.9	47.9
54	67.6	53.1	79.7

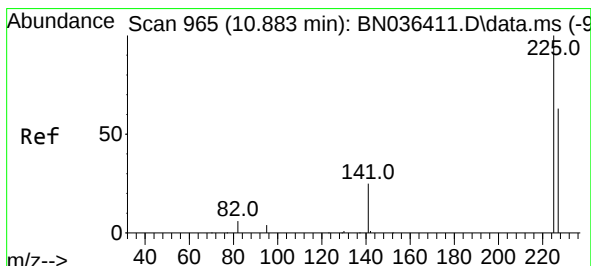
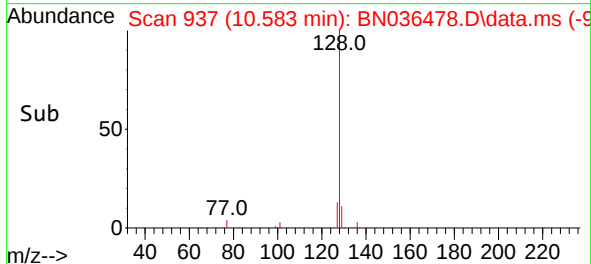
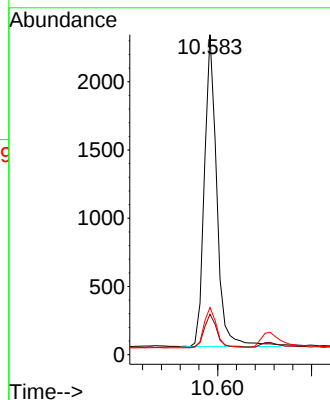
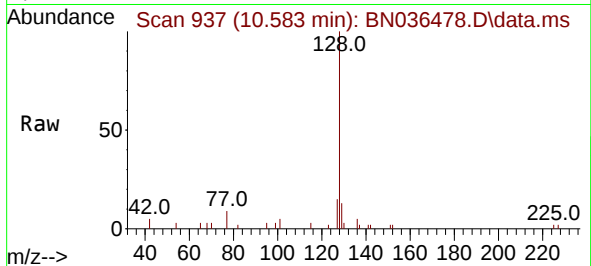




#9
Naphthalene
Concen: 0.342 ng
RT: 10.583 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

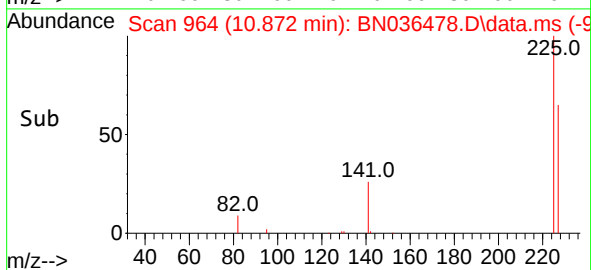
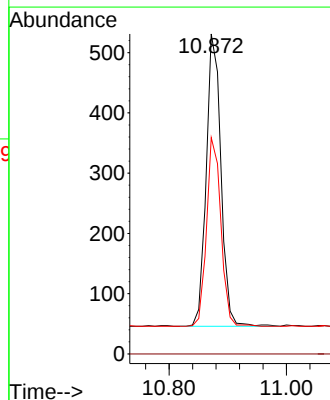
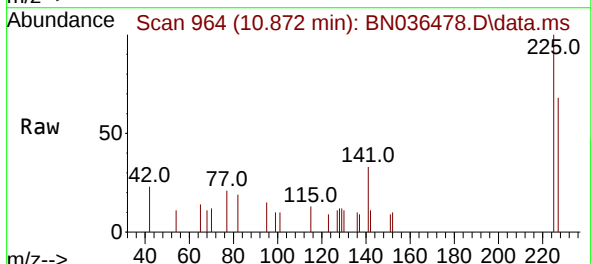
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782MSD

Tgt Ion:	128	Resp:	4190
Ion Ratio	Lower	Upper	
128	100		
129	12.7	9.6	14.4
127	14.8	12.0	18.0



#10
Hexachlorobutadiene
Concen: 0.283 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.011 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion:	225	Resp:	844
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	62.8	50.9	76.3

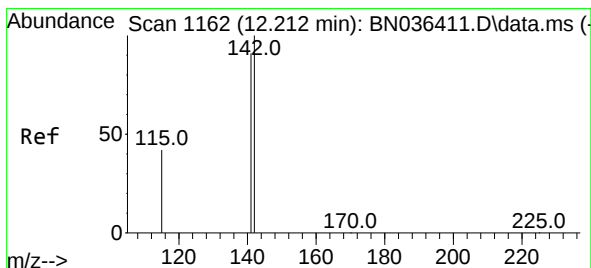
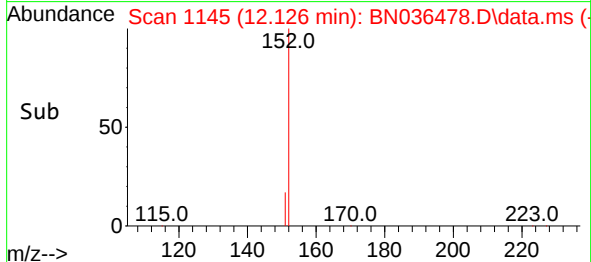
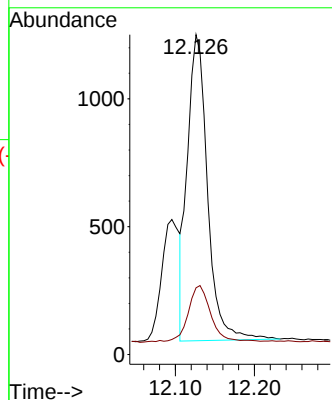
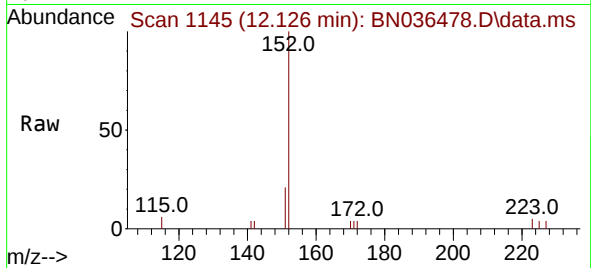




#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.015 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

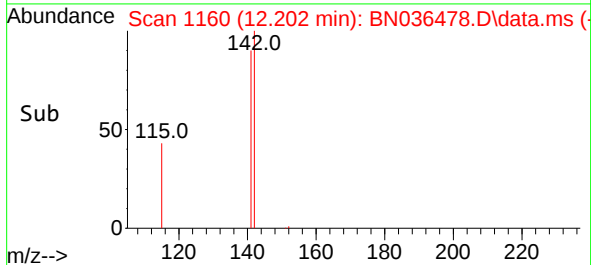
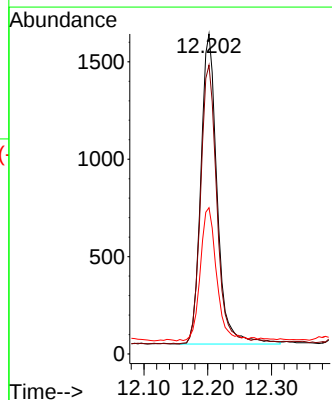
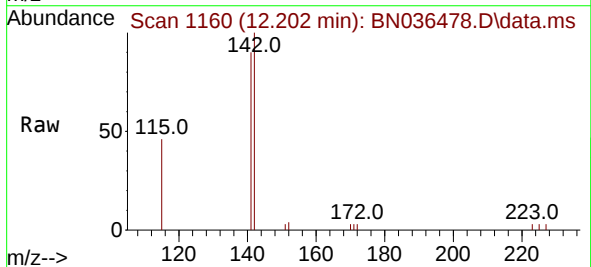
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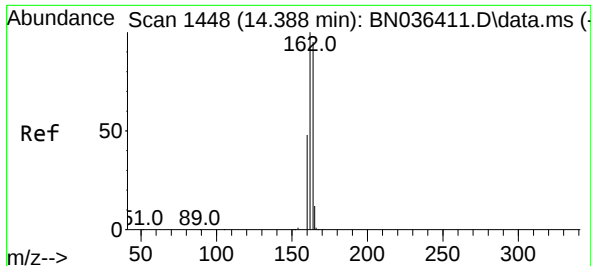
Tgt Ion:152 Resp: 2100
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0



#12
2-Methylnaphthalene
Concen: 0.352 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.010 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion:142 Resp: 2829
Ion Ratio Lower Upper
142 100
141 90.3 72.8 109.2
115 45.7 35.5 53.3

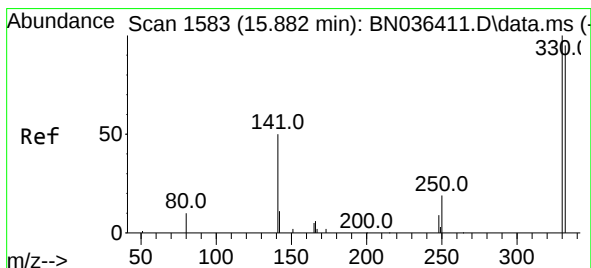
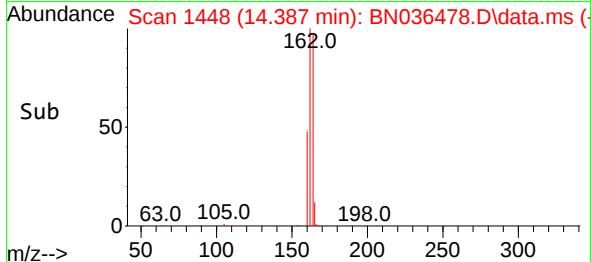
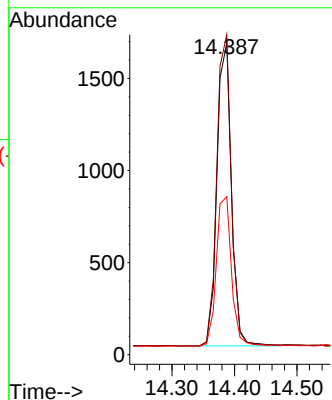
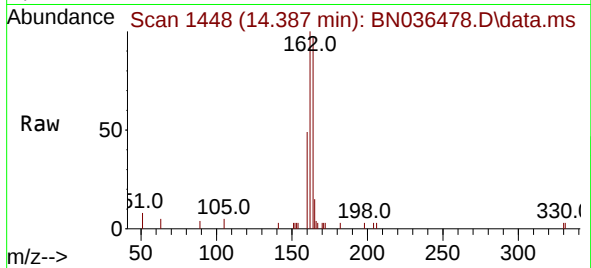




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

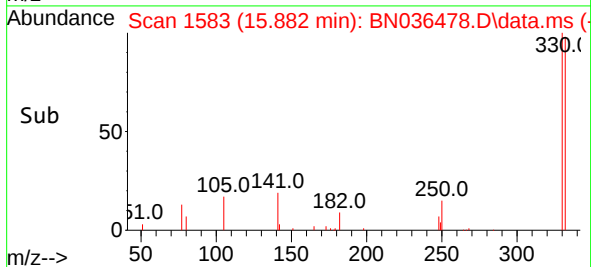
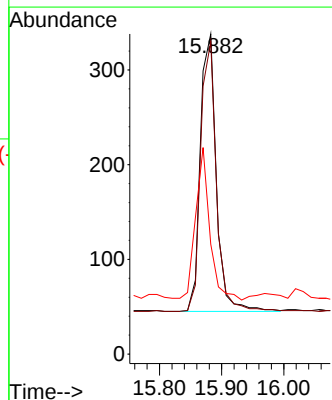
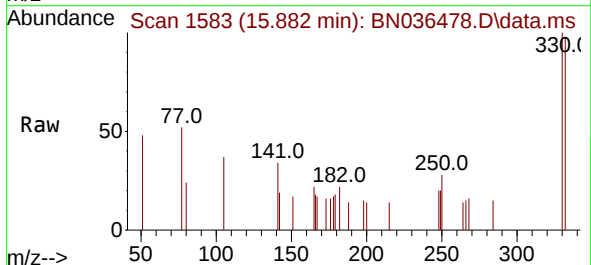
Instrument :
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Tgt Ion:164 Resp: 2636
Ion Ratio Lower Upper
164 100
162 102.7 84.1 126.1
160 50.7 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion:330 Resp: 527
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 48.4 37.8 56.8

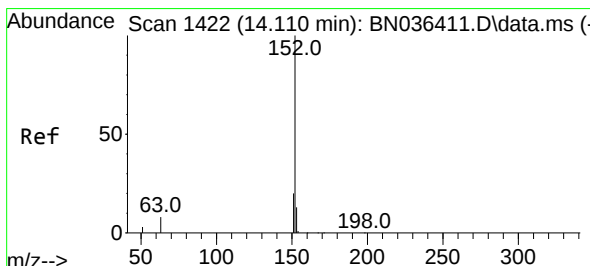
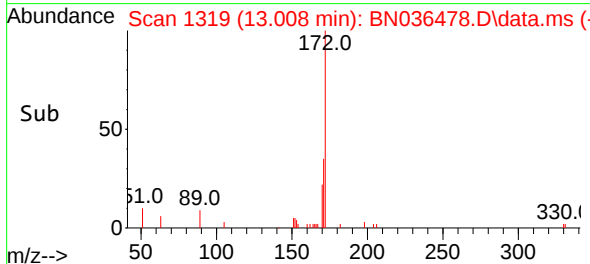
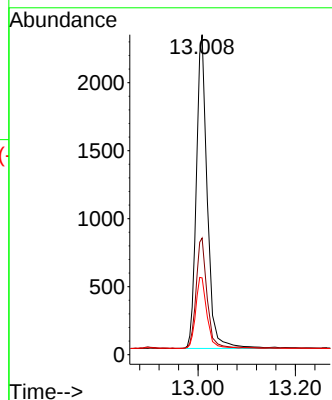
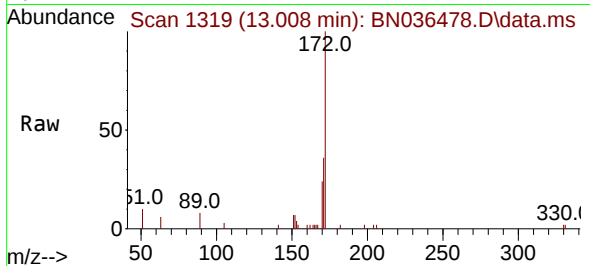




#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

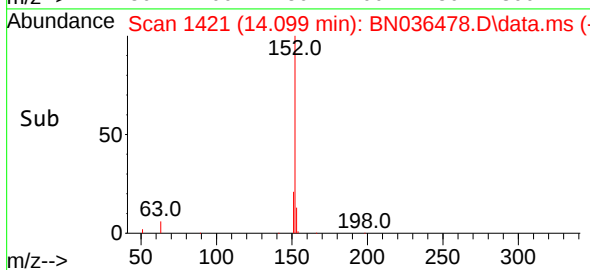
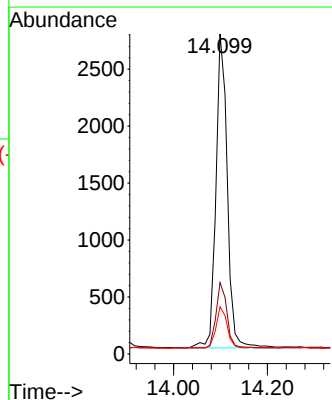
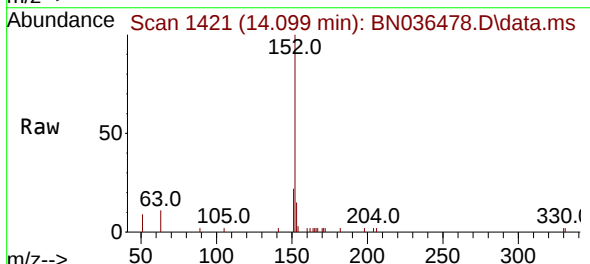
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782MSD

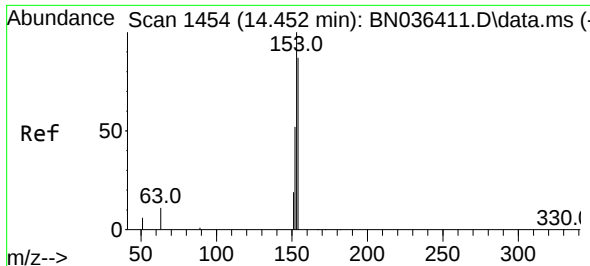
Tgt Ion:172	Resp:	4503
Ion Ratio	Lower	Upper
172	100	
171	36.4	29.6 44.4
170	24.0	19.8 29.6



#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.099 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion:152	Resp:	4650
Ion Ratio	Lower	Upper
152	100	
151	19.9	15.8 23.8
153	13.4	10.2 15.2

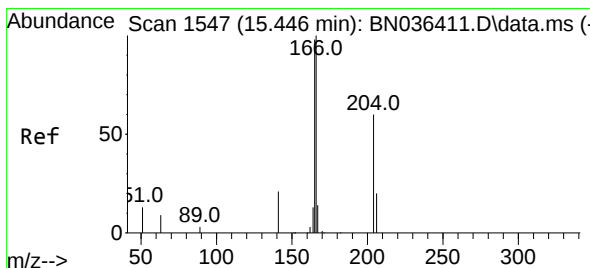
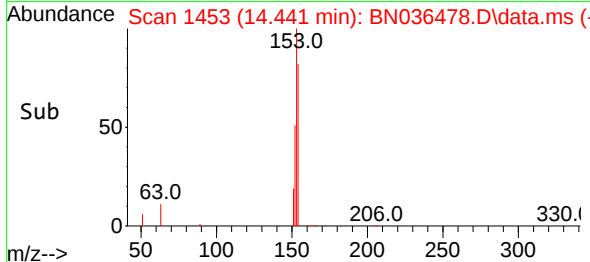
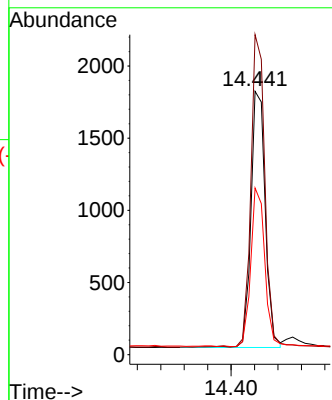
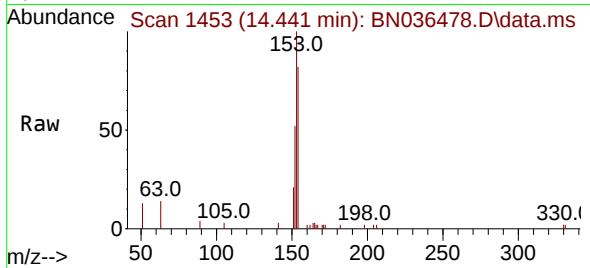




#17
Acenaphthene
Concen: 0.388 ng
RT: 14.441 min Scan# 1453
Delta R.T. -0.011 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

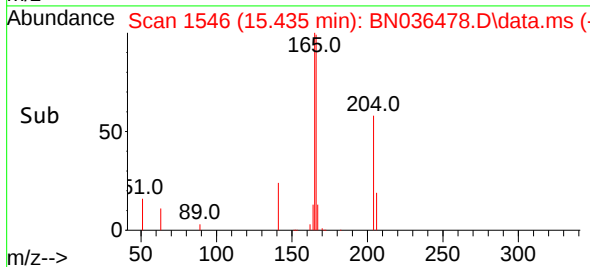
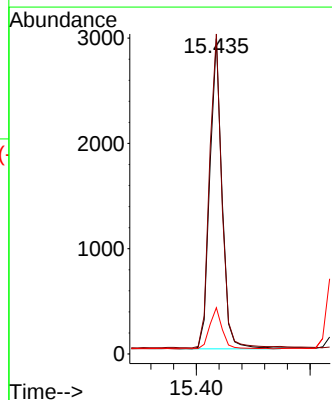
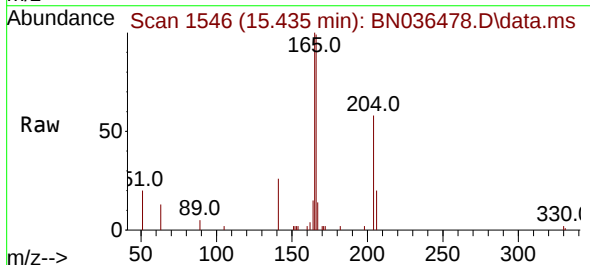
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782MSD

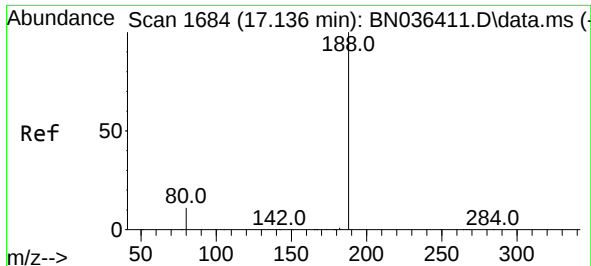
Tgt Ion:154 Resp: 3020
Ion Ratio Lower Upper
154 100
153 119.4 93.3 139.9
152 61.4 48.8 73.2



#18
Fluorene
Concen: 0.408 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.011 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion:166 Resp: 4515
Ion Ratio Lower Upper
166 100
165 104.8 79.5 119.3
167 13.5 10.4 15.6

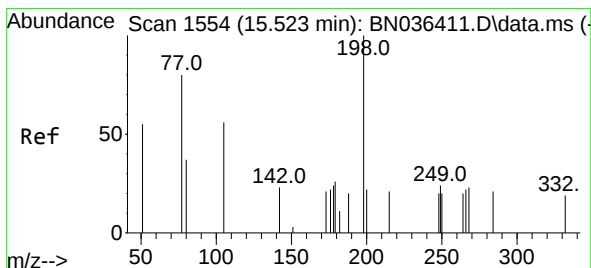
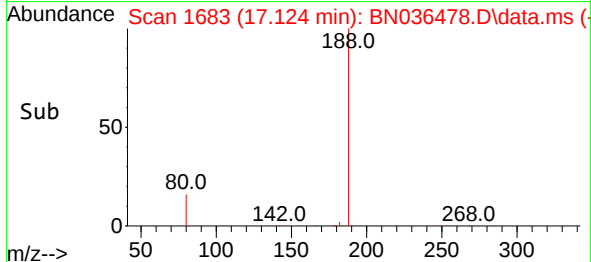
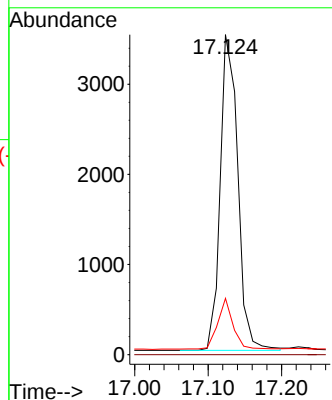
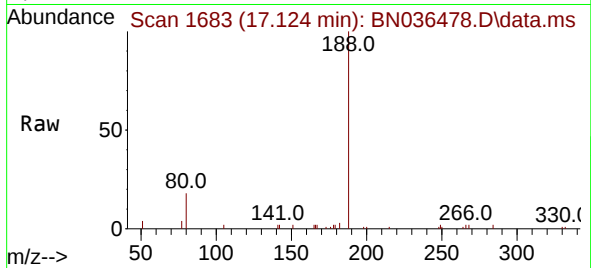




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.013 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

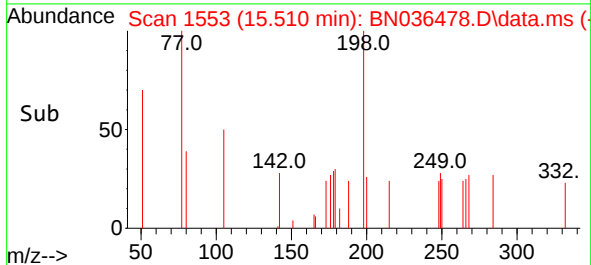
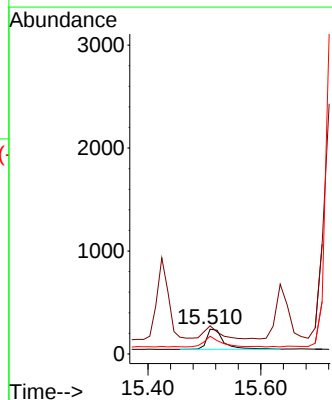
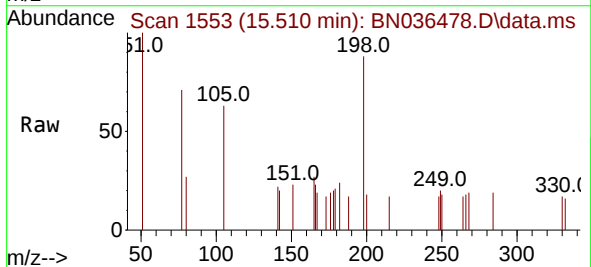
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782MSD

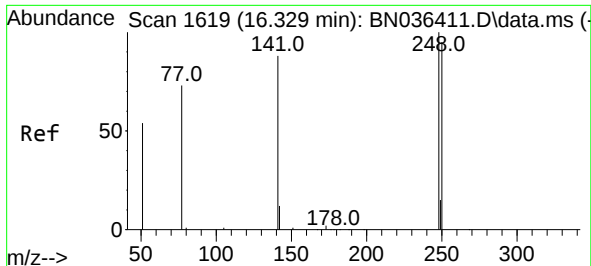
Tgt Ion:188 Resp: 5810
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.6 9.8 14.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.347 ng
RT: 15.510 min Scan# 1553
Delta R.T. -0.013 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion:198 Resp: 396
Ion Ratio Lower Upper
198 100
51 113.7 86.6 129.8
105 71.8 57.5 86.3





#21

4-Bromophenyl-phenylether

Concen: 0.446 ng

RT: 16.329 min Scan# 1619

Delta R.T. -0.000 min

Lab File: BN036478.D

Acq: 20 Feb 2025 13:12

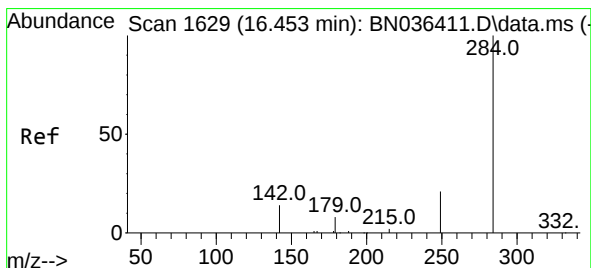
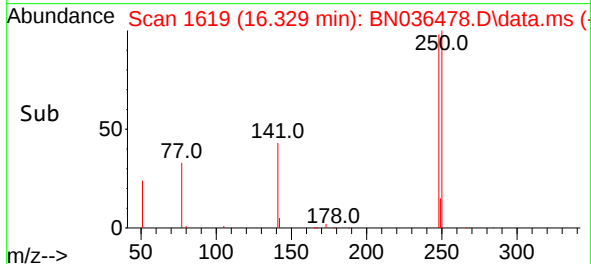
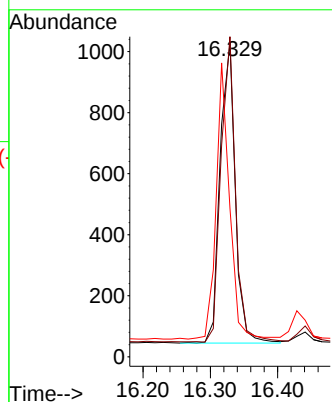
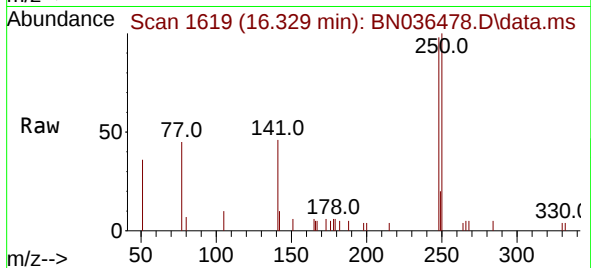
Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-780-782MSD

Tgt Ion:	248	Resp:	1544
Ion Ratio	Lower	Upper	
248	100		
250	102.0	76.1	114.1
141	47.4	71.7	107.5#



#22

Hexachlorobenzene

Concen: 0.414 ng

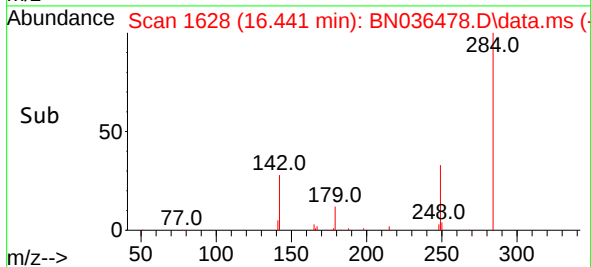
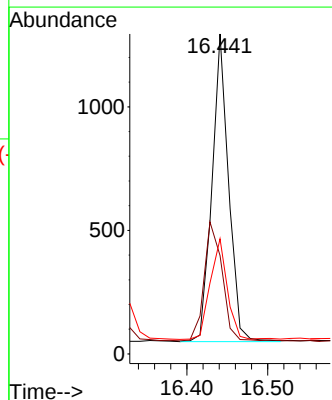
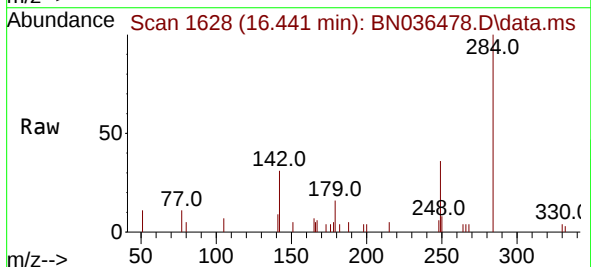
RT: 16.441 min Scan# 1628

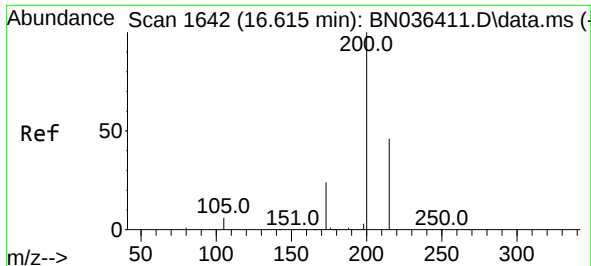
Delta R.T. -0.013 min

Lab File: BN036478.D

Acq: 20 Feb 2025 13:12

Tgt Ion:	284	Resp:	1773
Ion Ratio	Lower	Upper	
284	100		
142	42.9	33.4	50.0
249	33.6	28.6	43.0

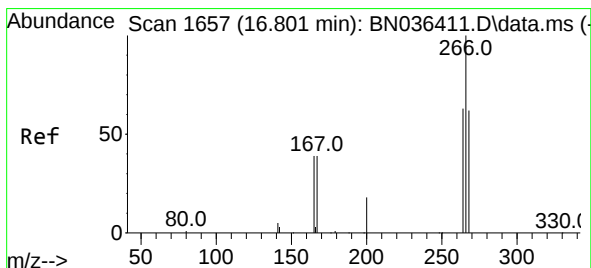
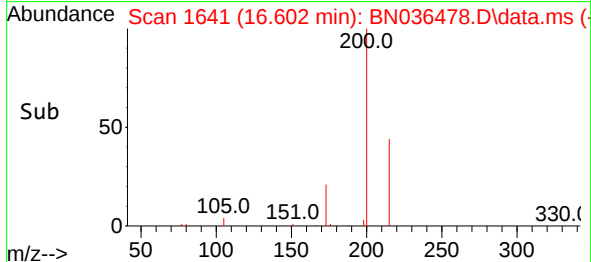
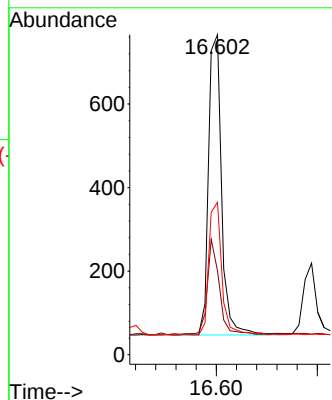
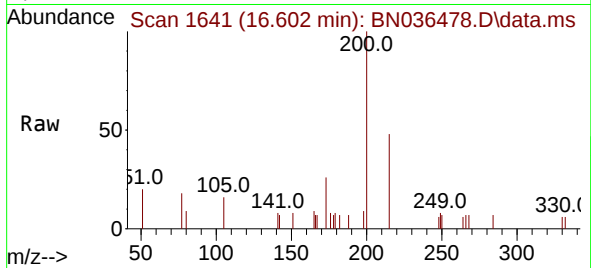




#23
 Atrazine
 Concen: 0.449 ng
 RT: 16.602 min Scan# 1641
 Delta R.T. -0.013 min
 Lab File: BN036478.D
 Acq: 20 Feb 2025 13:12

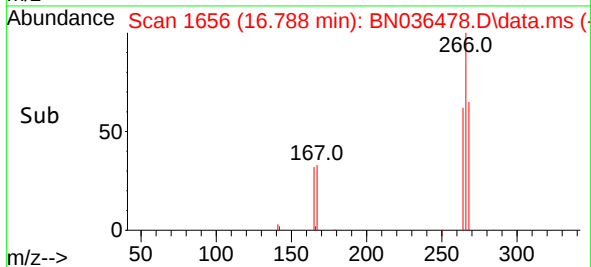
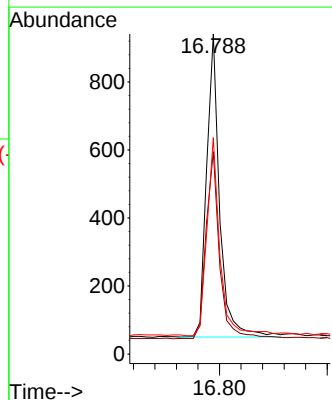
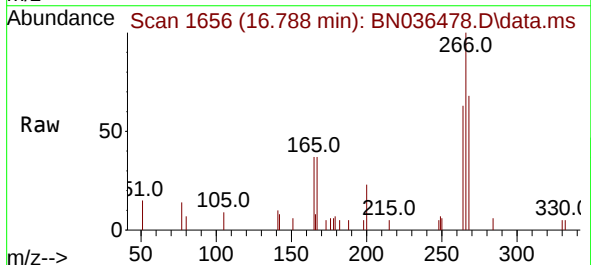
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-780-782MSD

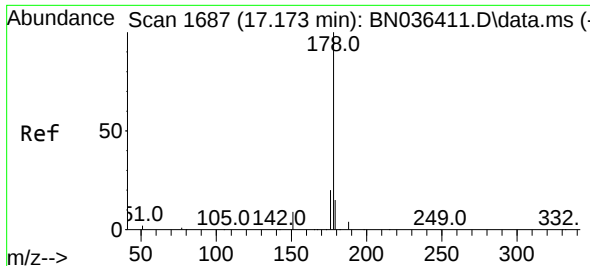
Tgt Ion:200 Resp: 1299
 Ion Ratio Lower Upper
 200 100
 173 26.2 23.2 34.8
 215 47.7 40.0 60.0



#24
 Pentachlorophenol
 Concen: 0.737 ng
 RT: 16.788 min Scan# 1656
 Delta R.T. -0.013 min
 Lab File: BN036478.D
 Acq: 20 Feb 2025 13:12

Tgt Ion:266 Resp: 1498
 Ion Ratio Lower Upper
 266 100
 264 63.4 50.6 76.0
 268 66.0 51.9 77.9

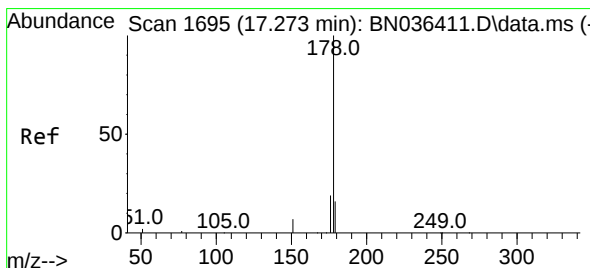
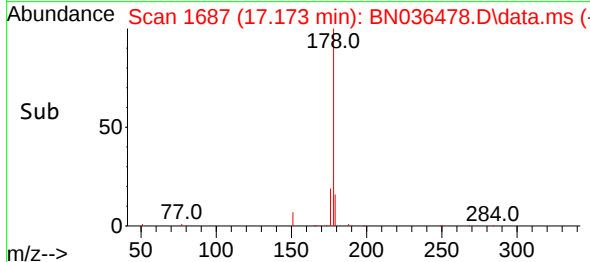
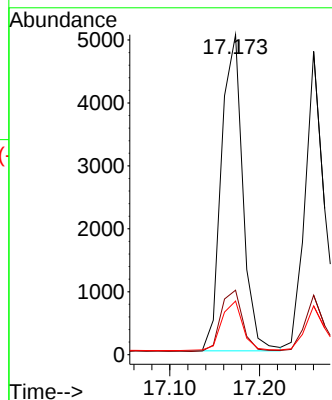
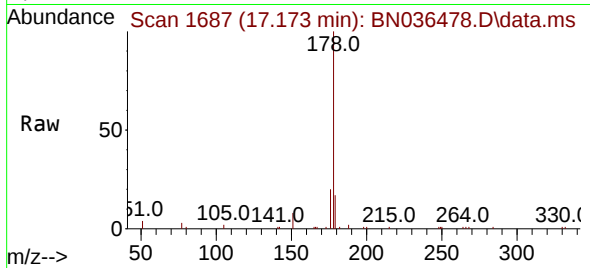




#25
Phenanthrene
Concen: 0.497 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

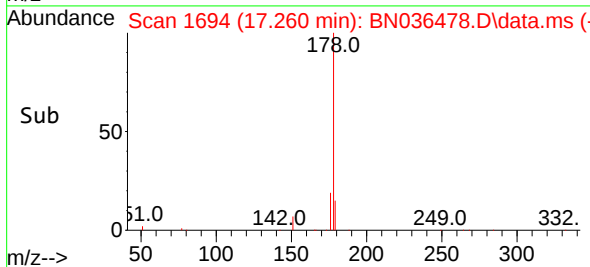
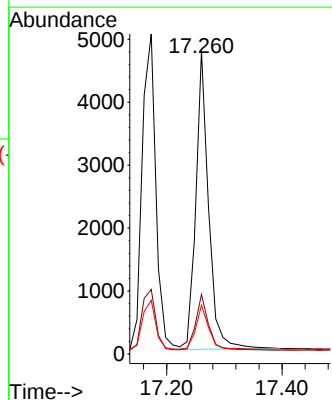
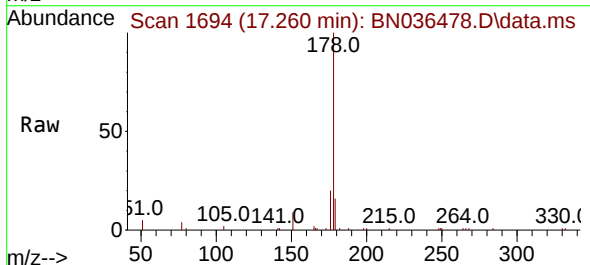
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782MSD

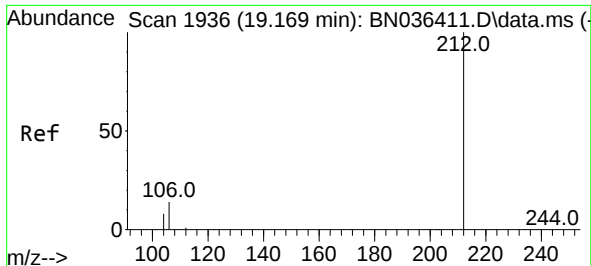
Tgt Ion:178 Resp: 8339
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.6 12.4 18.6



#26
Anthracene
Concen: 0.493 ng
RT: 17.260 min Scan# 1694
Delta R.T. -0.013 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion:178 Resp: 7296
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 14.9 12.4 18.6

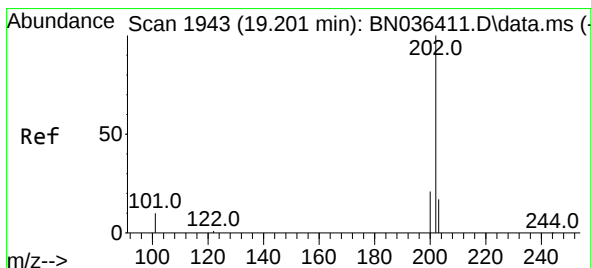
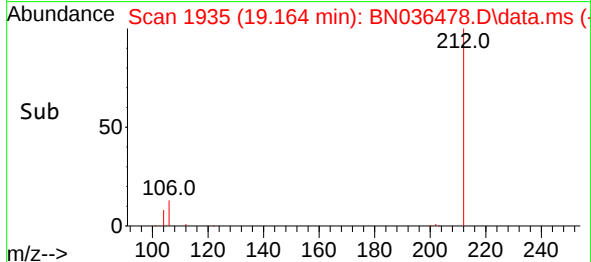
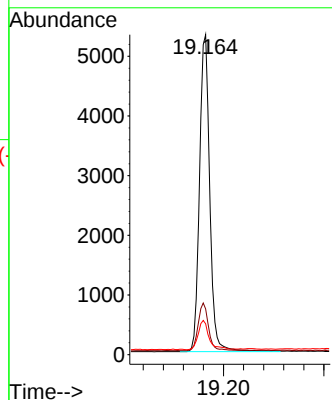
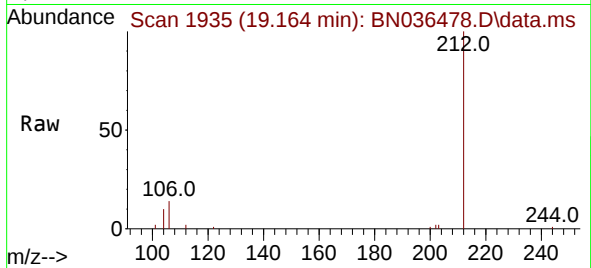




#27
Fluoranthene-d10
Concen: 0.465 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

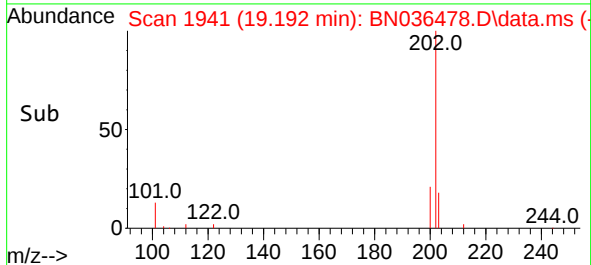
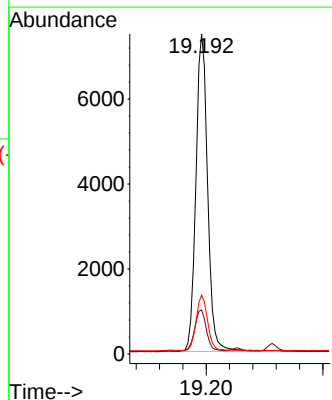
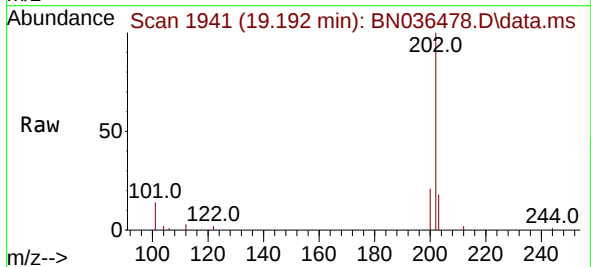
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782MSD

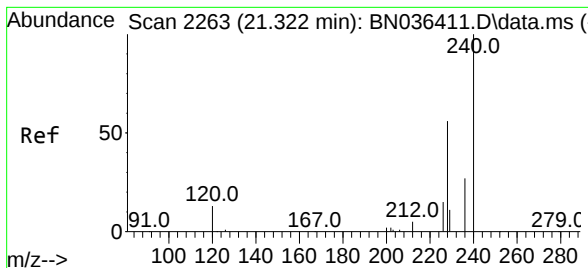
Tgt Ion:212 Resp: 7507
Ion Ratio Lower Upper
212 100
106 15.1 11.5 17.3
104 9.7 7.1 10.7



#28
Fluoranthene
Concen: 0.504 ng
RT: 19.192 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion:202 Resp: 10396
Ion Ratio Lower Upper
202 100
101 13.1 9.2 13.8
203 17.0 13.4 20.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.313 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN036478.D

Acq: 20 Feb 2025 13:12

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-780-782MSD

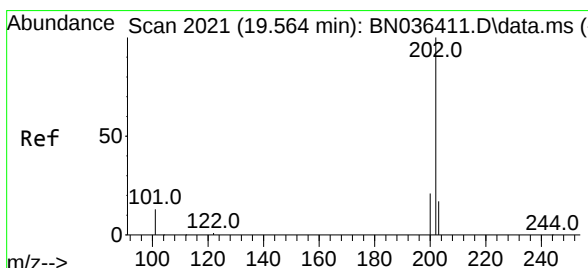
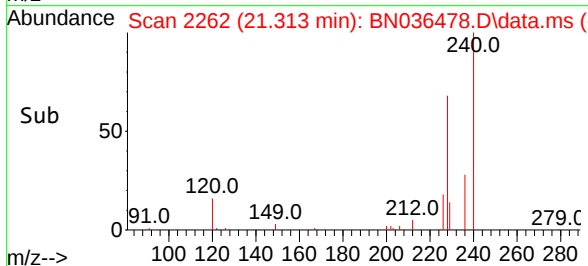
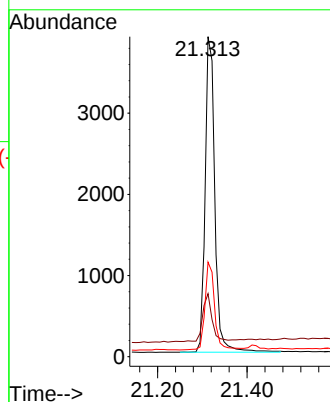
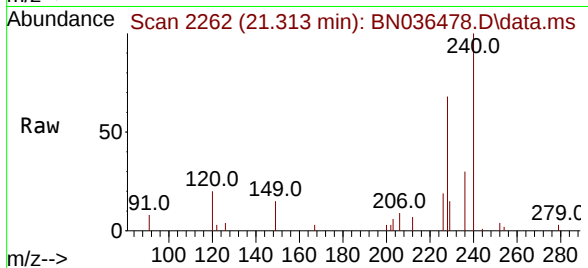
Tgt Ion:240 Resp: 5865

Ion Ratio Lower Upper

240 100

120 19.7 13.3 19.9

236 29.6 23.0 34.6



#30

Pyrene

Concen: 0.482 ng

RT: 19.554 min Scan# 2019

Delta R.T. -0.009 min

Lab File: BN036478.D

Acq: 20 Feb 2025 13:12

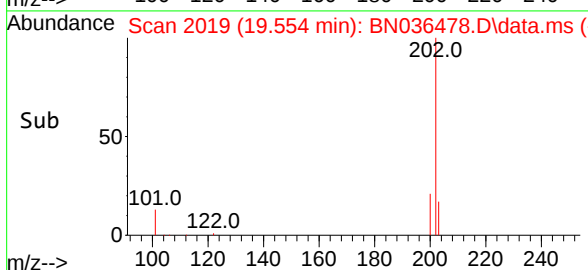
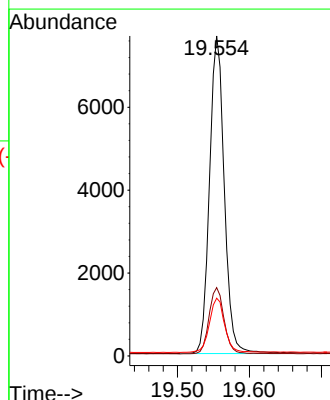
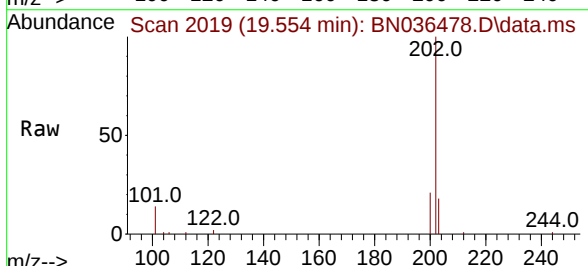
Tgt Ion:202 Resp: 10879

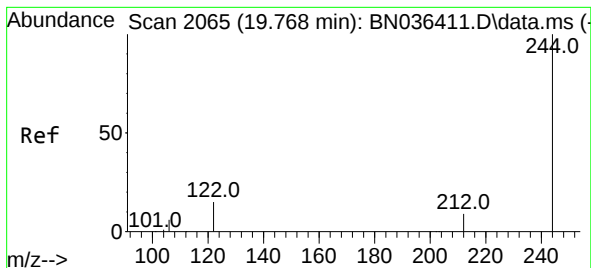
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.7 13.9 20.9





#31

Terphenyl-d14

Concen: 0.553 ng

RT: 19.763 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BN036478.D

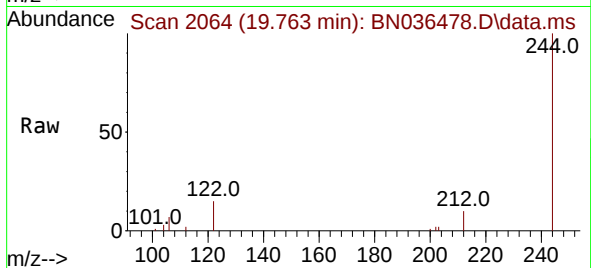
Acq: 20 Feb 2025 13:12

Instrument :

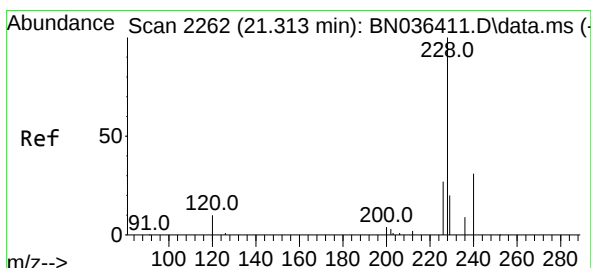
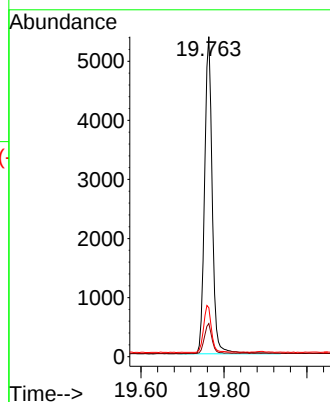
BNA_N

ClientSampleId :

BP-VPB-192-GW-780-782MSD



Tgt Ion:	244	Resp:	6922
Ion Ratio	Lower	Upper	
244	100		
212	10.3	8.1	12.1
122	15.3	12.8	19.2



#32

Benzo(a)anthracene

Concen: 0.498 ng

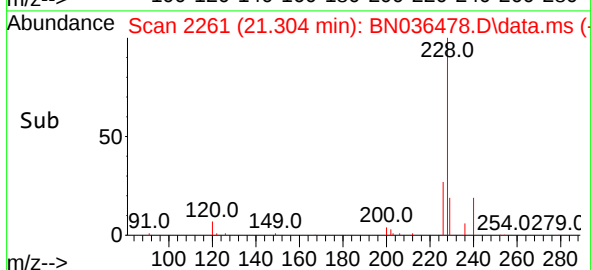
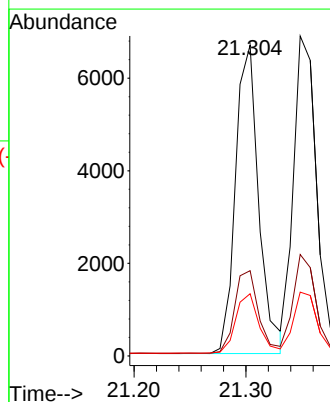
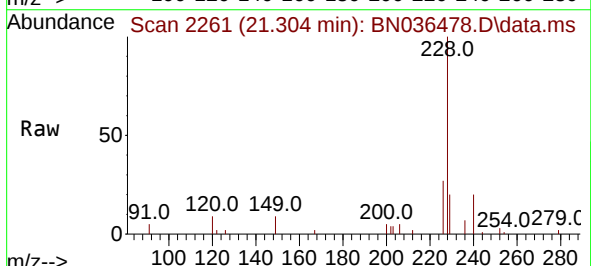
RT: 21.304 min Scan# 2261

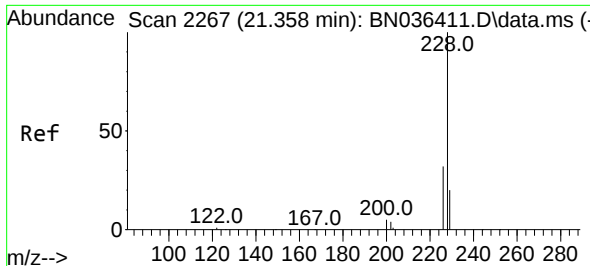
Delta R.T. -0.009 min

Lab File: BN036478.D

Acq: 20 Feb 2025 13:12

Tgt Ion:	228	Resp:	9605
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.2	33.2
229	20.0	16.5	24.7

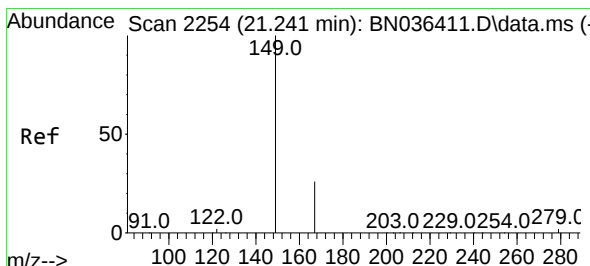
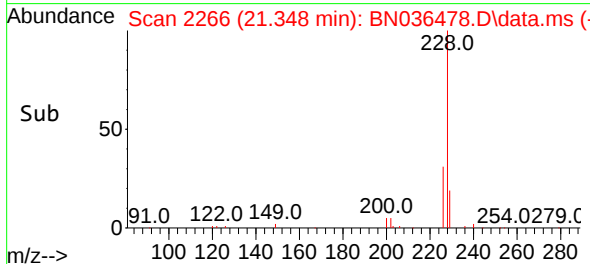
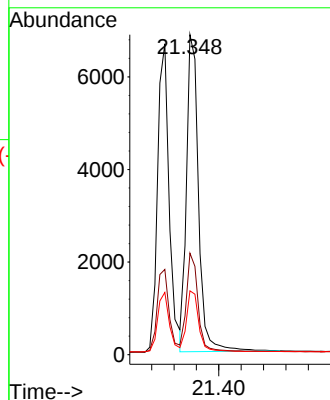
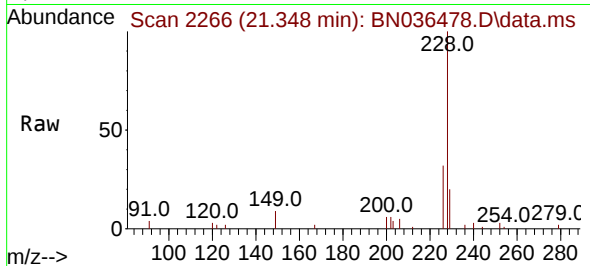




#33
Chrysene
Concen: 0.491 ng
RT: 21.348 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

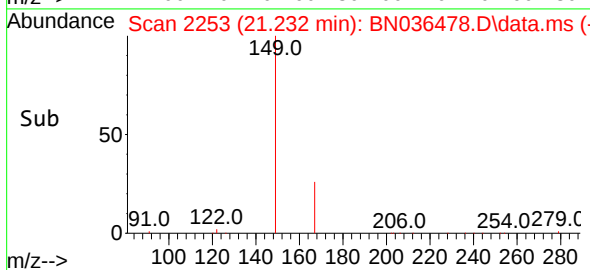
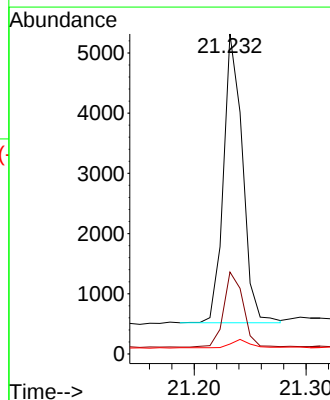
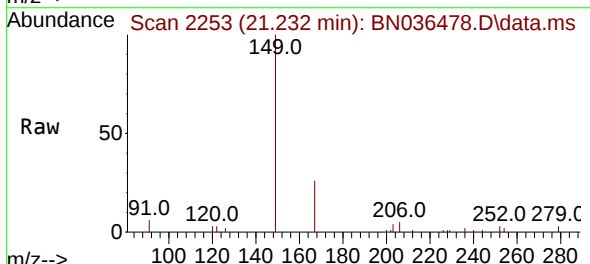
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782MSD

Tgt Ion:228 Resp: 10250
Ion Ratio Lower Upper
228 100
226 31.7 25.5 38.3
229 19.9 16.4 24.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.470 ng
RT: 21.232 min Scan# 2253
Delta R.T. -0.009 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion:149 Resp: 5656
Ion Ratio Lower Upper
149 100
167 26.5 21.2 31.8
279 3.3 2.7 4.1





#35
Perylene-d12

Concen: 0.400 ng

RT: 23.584 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN036478.D

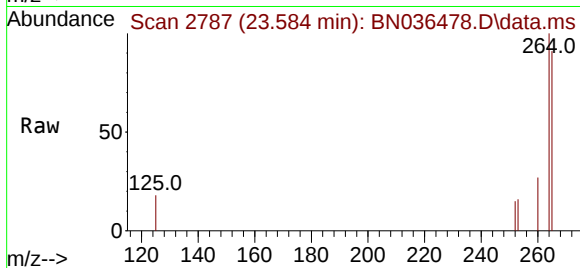
Acq: 20 Feb 2025 13:12

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-780-782MSD



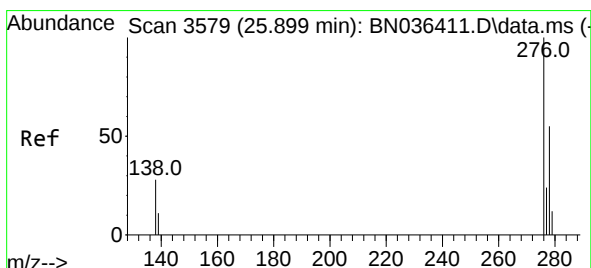
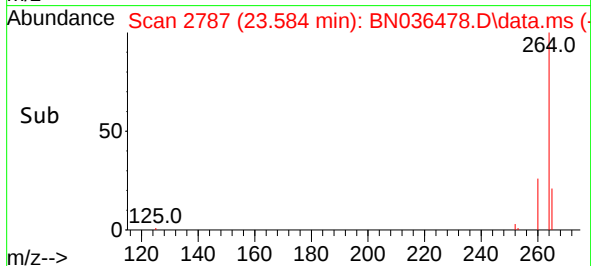
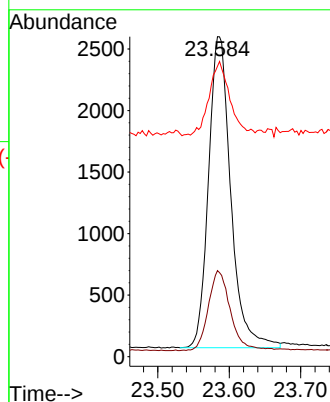
Tgt Ion:264 Resp: 5479

Ion Ratio Lower Upper

264 100

260 26.9 20.9 31.3

265 90.7 60.7 91.1



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.461 ng

RT: 25.884 min Scan# 3574

Delta R.T. -0.015 min

Lab File: BN036478.D

Acq: 20 Feb 2025 13:12

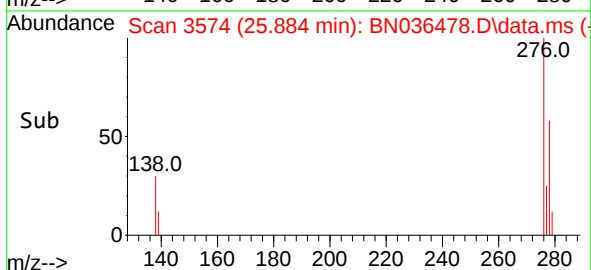
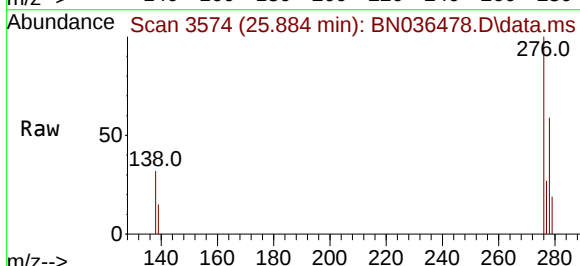
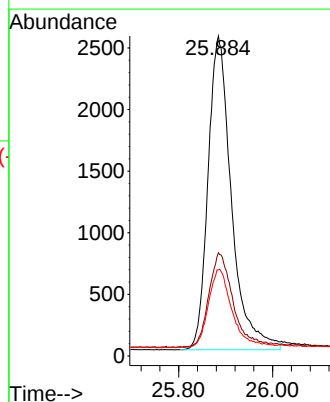
Tgt Ion:276 Resp: 8831

Ion Ratio Lower Upper

276 100

138 30.5 22.2 33.2

277 24.8 19.8 29.6

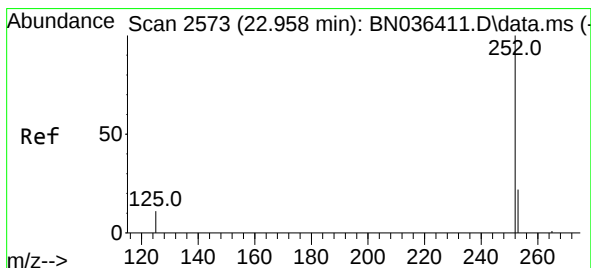
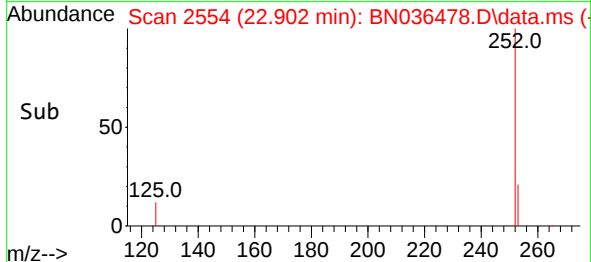
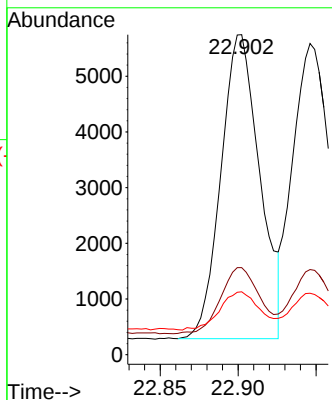
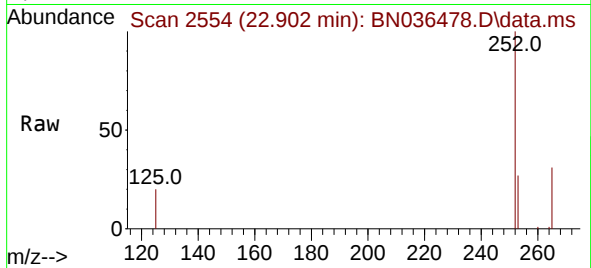




#37
Benzo(b)fluoranthene
Concen: 0.525 ng
RT: 22.902 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

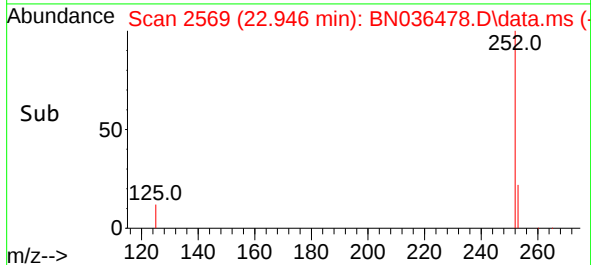
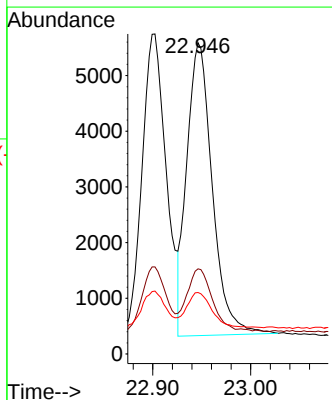
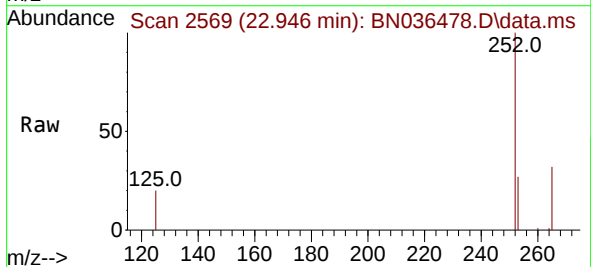
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782MSD

Tgt Ion:252 Resp: 9474
Ion Ratio Lower Upper
252 100
253 27.2 21.9 32.9
125 19.7 15.0 22.6



#38
Benzo(k)fluoranthene
Concen: 0.510 ng
RT: 22.946 min Scan# 2569
Delta R.T. -0.012 min
Lab File: BN036478.D
Acq: 20 Feb 2025 13:12

Tgt Ion:252 Resp: 9481
Ion Ratio Lower Upper
252 100
253 27.3 22.2 33.4
125 19.8 15.0 22.4





#39

Benzo(a)pyrene

Concen: 0.501 ng

RT: 23.487 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN036478.D

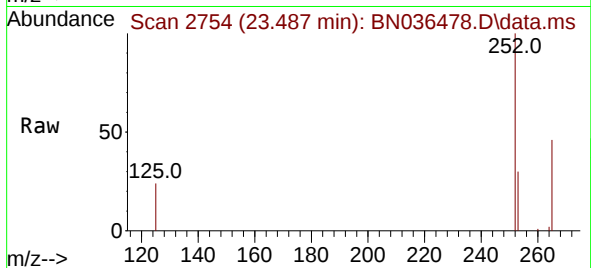
Acq: 20 Feb 2025 13:12

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-780-782MSD



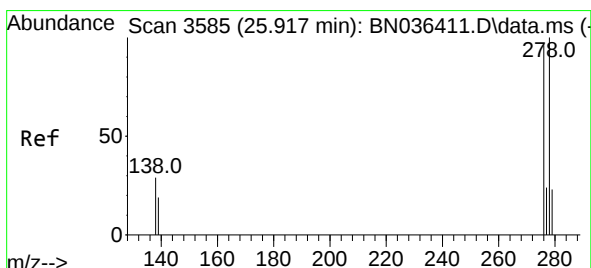
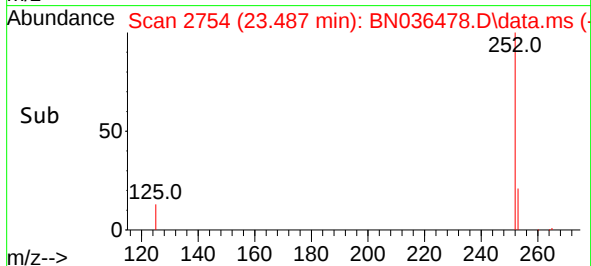
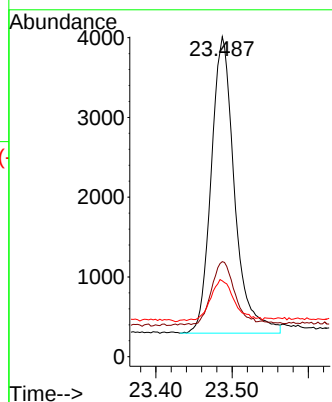
Tgt Ion:252 Resp: 7896

Ion Ratio Lower Upper

252 100

253 29.7 24.4 36.6

125 23.7 18.2 27.2



#40

Dibenzo(a,h)anthracene

Concen: 0.443 ng

RT: 25.902 min Scan# 3580

Delta R.T. -0.015 min

Lab File: BN036478.D

Acq: 20 Feb 2025 13:12

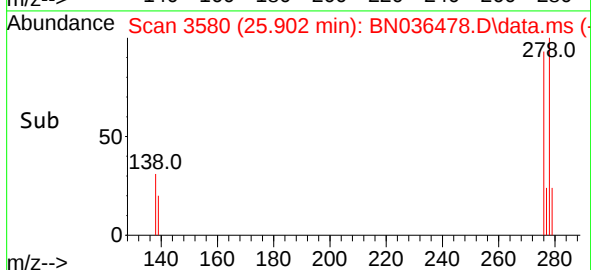
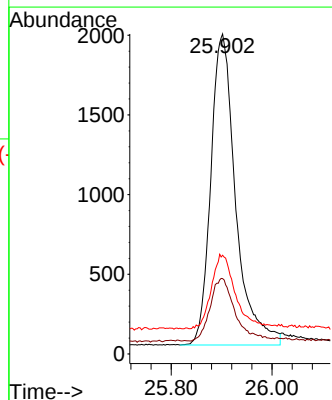
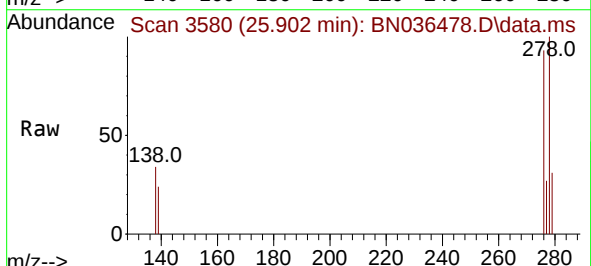
Tgt Ion:278 Resp: 6691

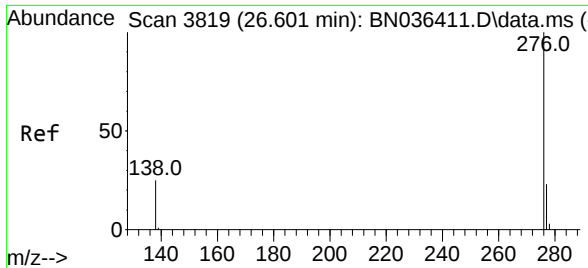
Ion Ratio Lower Upper

278 100

139 23.6 18.5 27.7

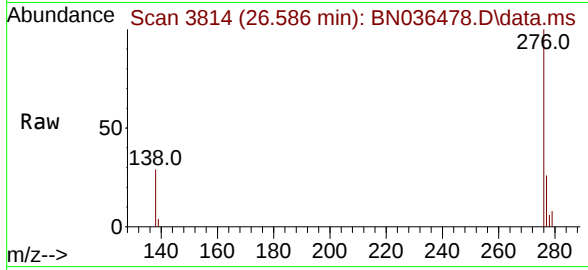
279 30.9 24.8 37.2





#41
 Benzo(g,h,i)perylene
 Concen: 0.393 ng
 RT: 26.586 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BN036478.D
 Acq: 20 Feb 2025 13:12

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-780-782MSD



Tgt Ion:	276	Resp:	6735
Ion	Ratio	Lower	Upper
276	100		
277	26.3	20.7	31.1
138	28.9	21.8	32.6

