

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036495.D
 Acq On : 24 Feb 2025 12:37
 Operator : RC/JU
 Sample : Q1401-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-860-862

Quant Time: Feb 24 13:37:00 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)

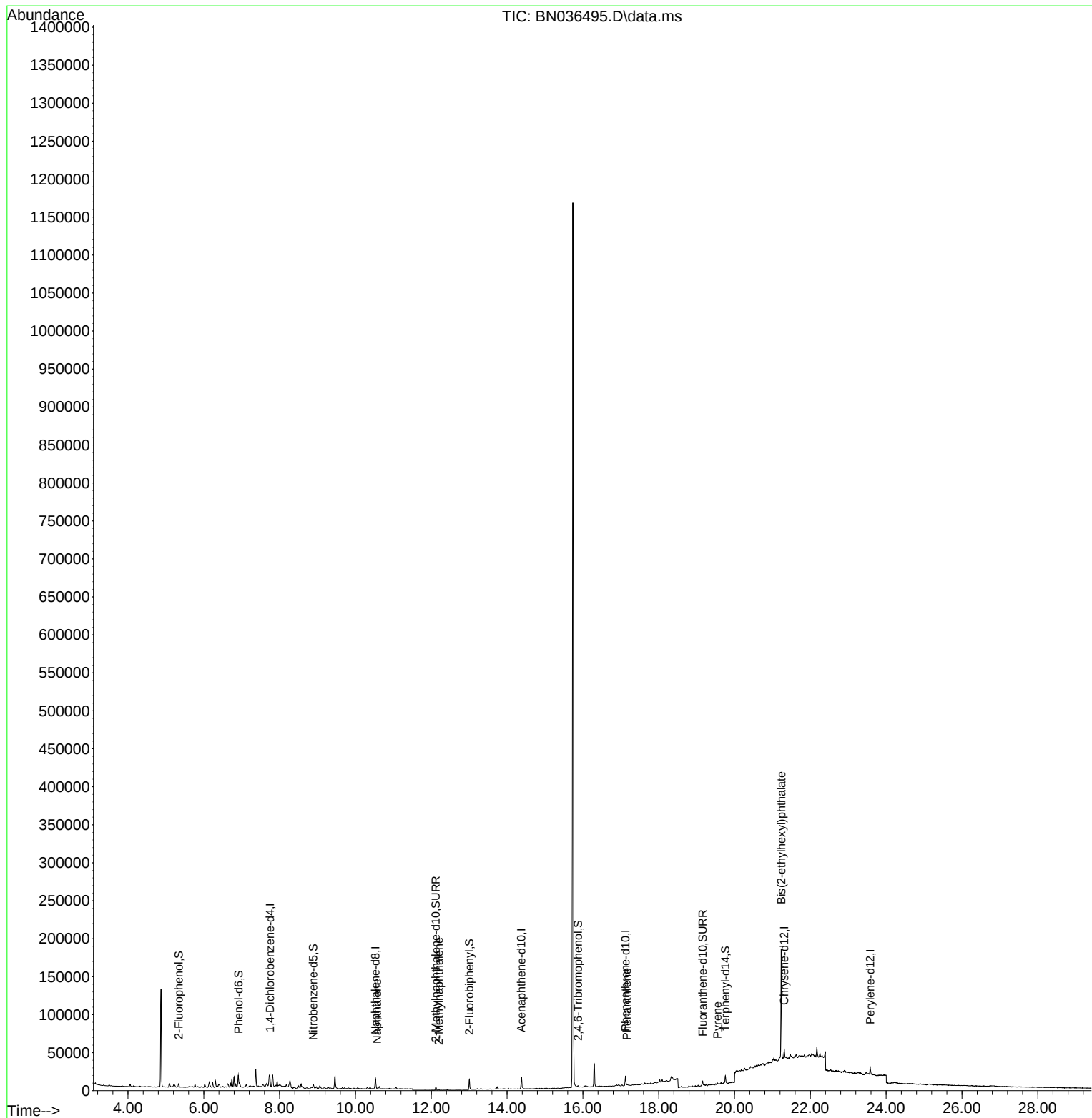
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	5626	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	16089	0.400	ng	#-0.01
13) Acenaphthene-d10	14.377	164	8959	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	15975	0.400	ng	-0.01
29) Chrysene-d12	21.313	240	9523	0.400	ng	# 0.00
35) Perylene-d12	23.581	264	10012	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	2226	0.167	ng	0.00
5) Phenol-d6	6.915	99	2932	0.188	ng	-0.02
8) Nitrobenzene-d5	8.886	82	4588	0.289	ng	-0.02
11) 2-Methylnaphthalene-d10	12.121	152	6492	0.263	ng	-0.02
14) 2,4,6-Tribromophenol	15.870	330	795	0.179	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	15965	0.474	ng	-0.02
27) Fluoranthene-d10	19.160	212	7538	0.170	ng	0.00
31) Terphenyl-d14	19.759	244	8954	0.440	ng	0.00
Target Compounds						
9) Naphthalene	10.573	128	1544	0.033	ng	# 80
12) 2-Methylnaphthalene	12.197	142	804	0.026	ng	96
25) Phenanthrene	17.161	178	1631	0.035	ng	# 74
30) Pyrene	19.550	202	887	0.024	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.232	149	120266	6.160	ng	99

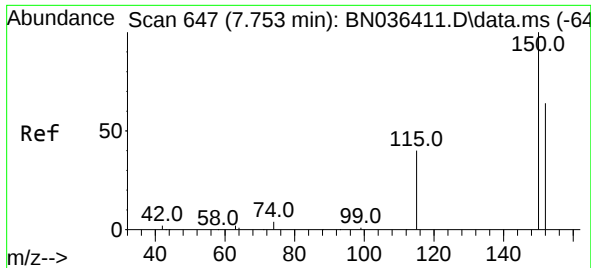
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-192-GW-860-862

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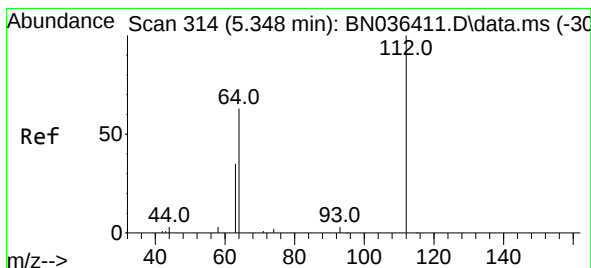
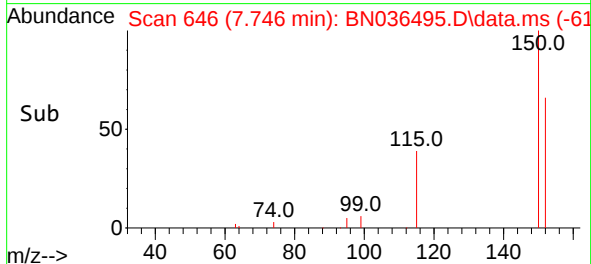
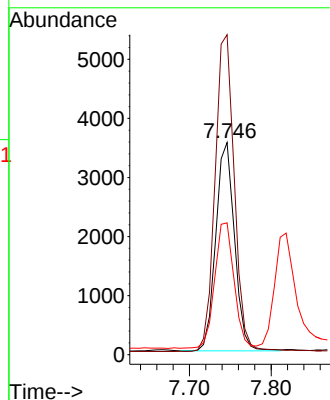
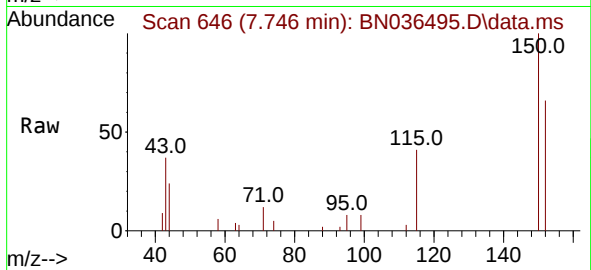




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37

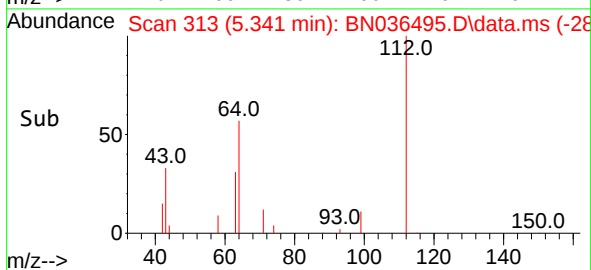
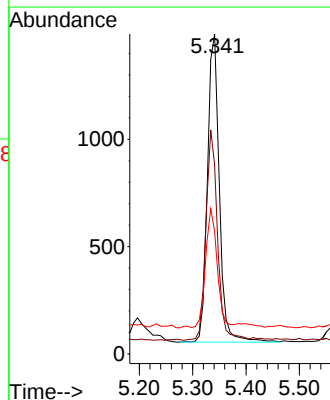
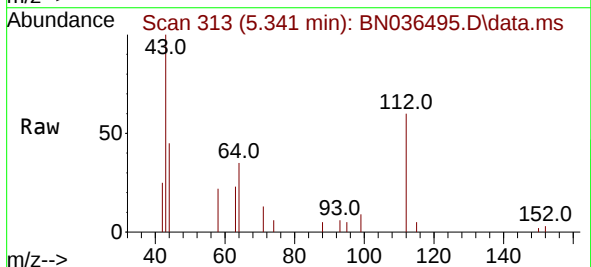
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-860-862

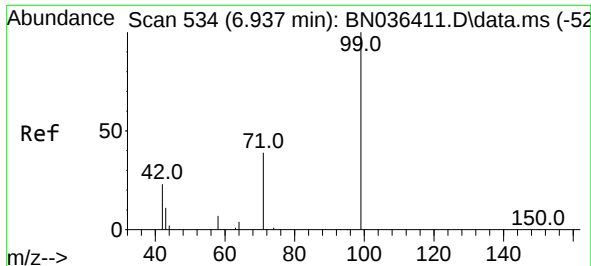
Tgt Ion:152 Resp: 5626
Ion Ratio Lower Upper
152 100
150 150.9 123.7 185.5
115 62.2 52.5 78.7



#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37

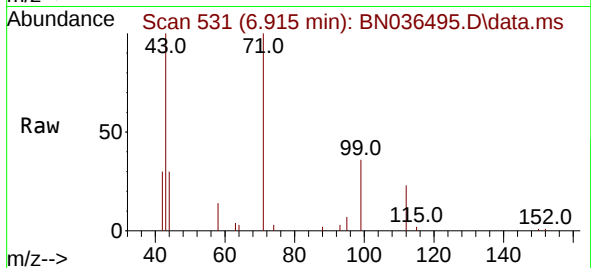
Tgt Ion:112 Resp: 2226
Ion Ratio Lower Upper
112 100
64 66.8 53.4 80.0
63 38.4 30.3 45.5



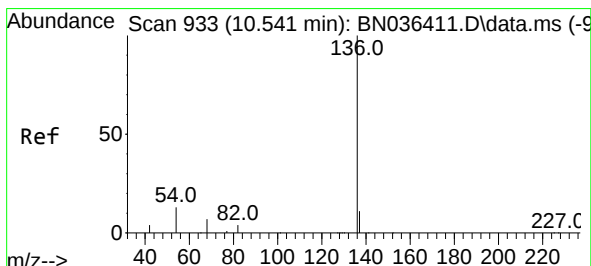
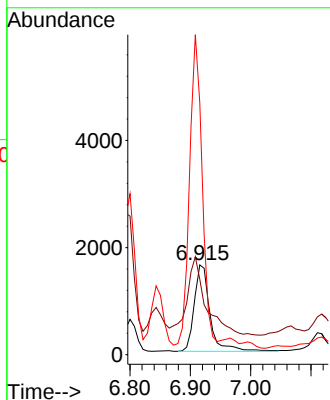
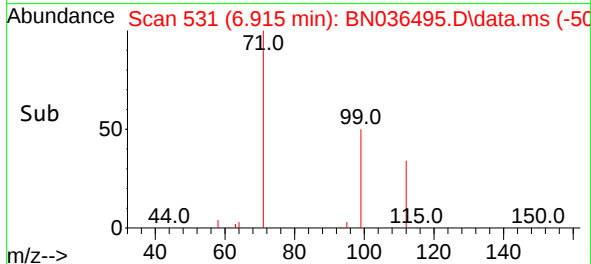


#5
Phenol-d6
Concen: 0.188 ng
RT: 6.915 min Scan# 511
Delta R.T. -0.022 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37

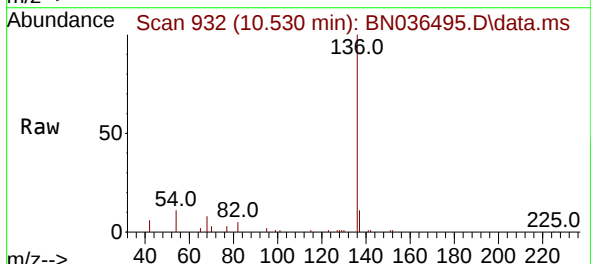
Instrument :
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BP-VPB-192-GW-860-862



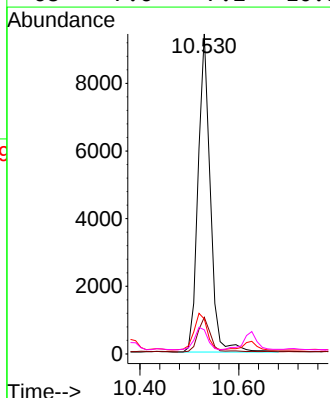
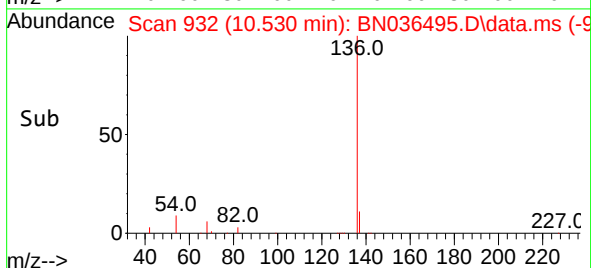
Tgt Ion: 99 Resp: 2932
Ion Ratio Lower Upper
99 100
42 109.2 21.7 32.5#
71 284.0 32.6 49.0#

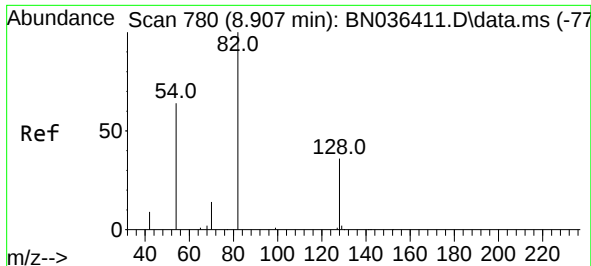


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.011 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37



Tgt Ion: 136 Resp: 16089
Ion Ratio Lower Upper
136 100
137 11.4 10.1 15.1
54 10.9 11.8 17.6#
68 7.6 7.2 10.8

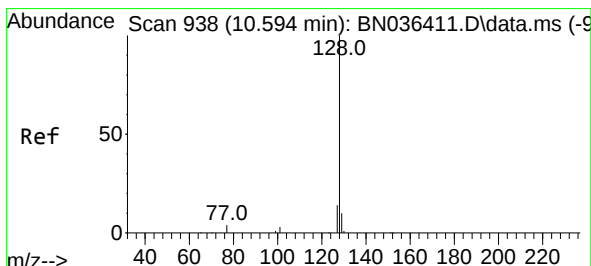
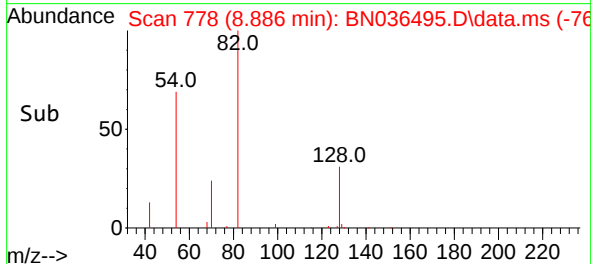
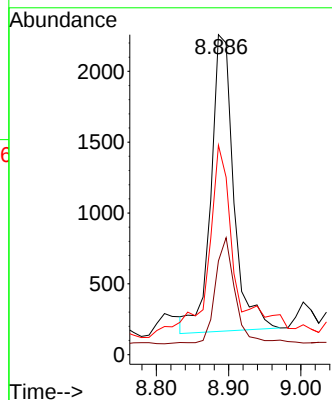
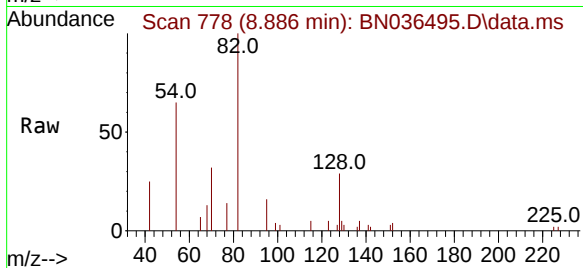




#8
 Nitrobenzene-d5
 Concen: 0.289 ng
 RT: 8.886 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN036495.D
 Acq: 24 Feb 2025 12:37

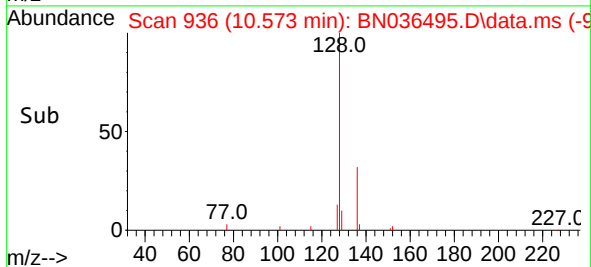
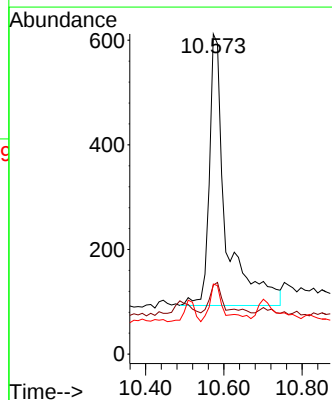
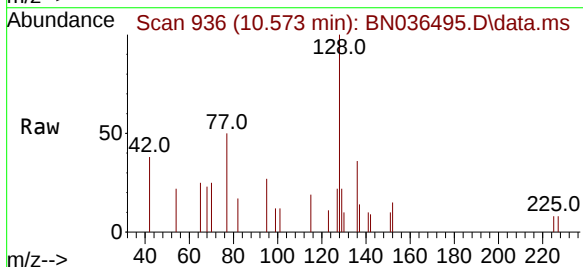
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-860-862

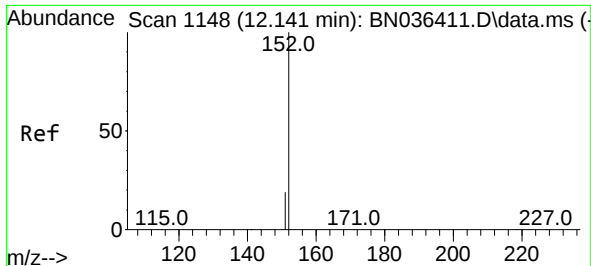
Tgt Ion: 82 Resp: 4588
 Ion Ratio Lower Upper
 82 100
 128 29.3 31.9 47.9#
 54 65.4 53.1 79.7



#9
 Naphthalene
 Concen: 0.033 ng
 RT: 10.573 min Scan# 936
 Delta R.T. -0.021 min
 Lab File: BN036495.D
 Acq: 24 Feb 2025 12:37

Tgt Ion: 128 Resp: 1544
 Ion Ratio Lower Upper
 128 100
 129 21.6 9.6 14.4#
 127 21.9 12.0 18.0#

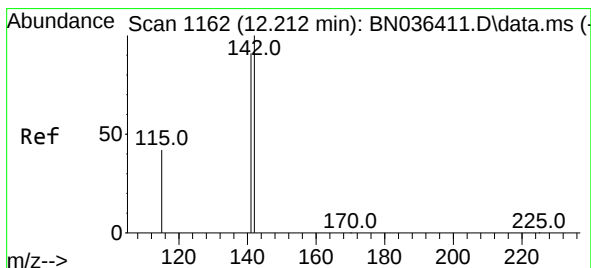
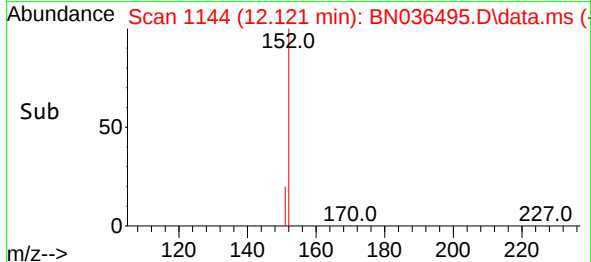
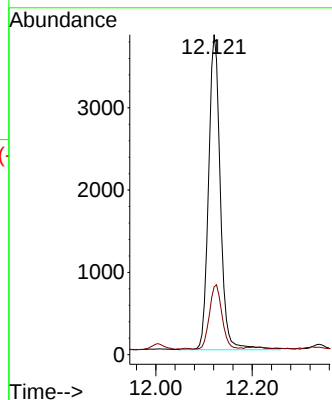
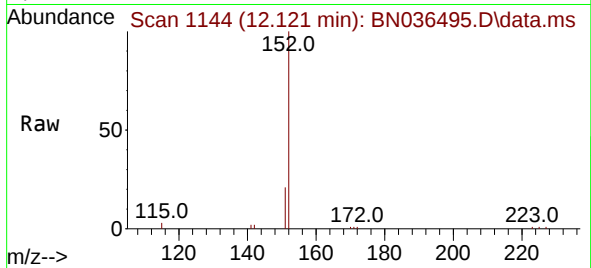




#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.020 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37

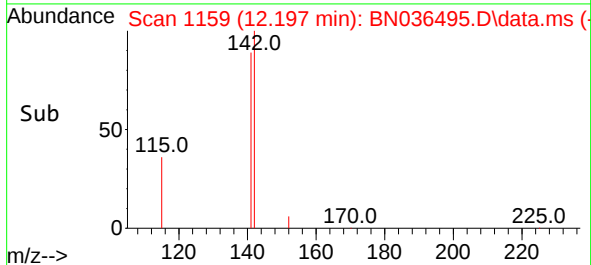
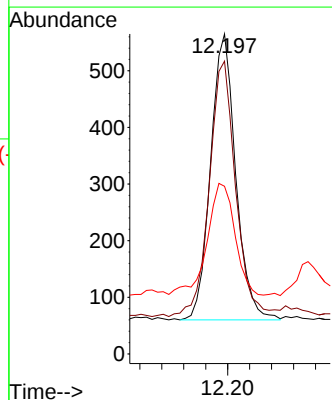
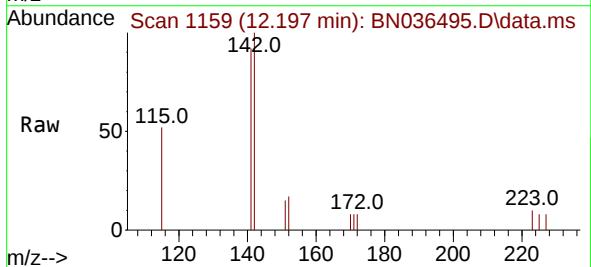
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-860-862

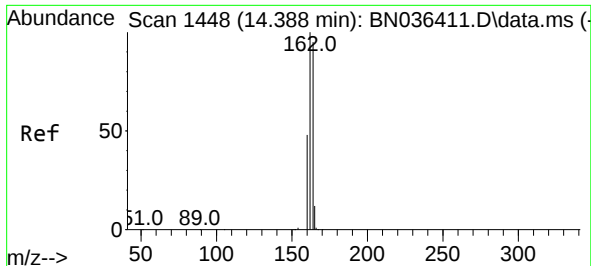
Tgt Ion:152 Resp: 6492
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0



#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.015 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37

Tgt Ion:142 Resp: 804
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2
115 52.4 35.5 53.3

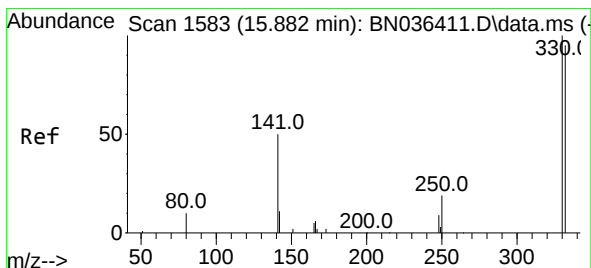
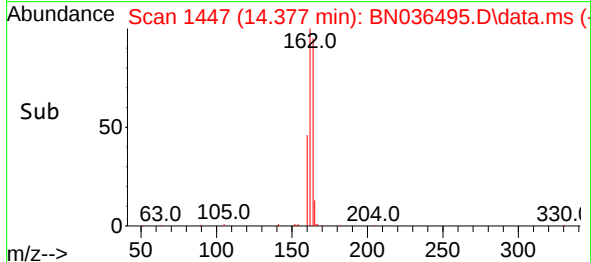
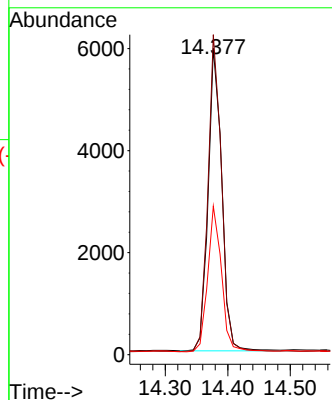
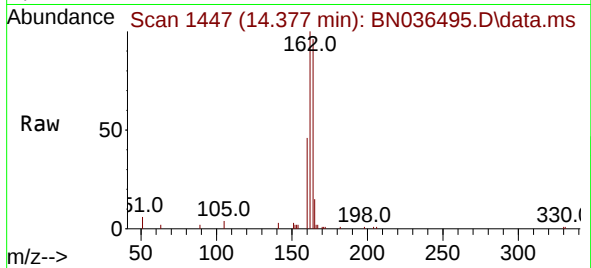




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.011 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37

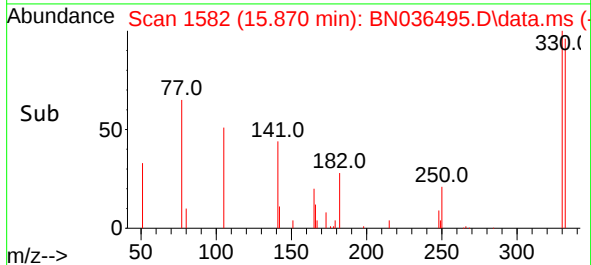
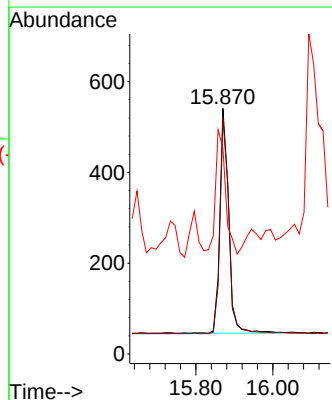
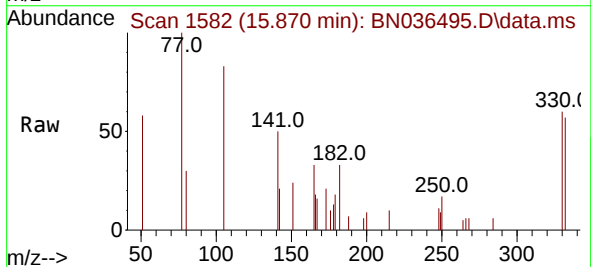
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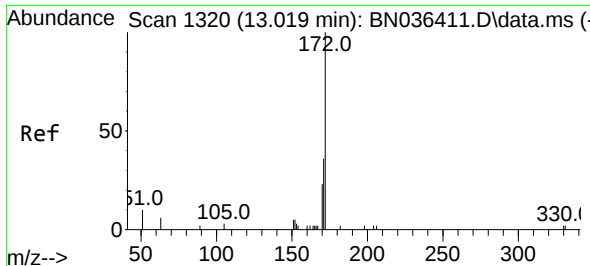
Tgt Ion:164 Resp: 8959
Ion Ratio Lower Upper
164 100
162 104.5 84.1 126.1
160 48.5 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 15.870 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37

Tgt Ion:330 Resp: 795
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 61.1 37.8 56.8#

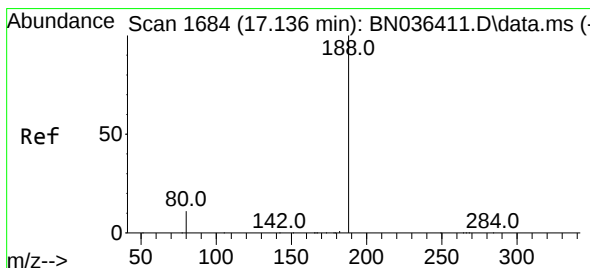
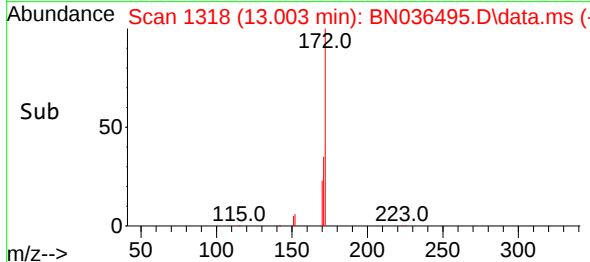
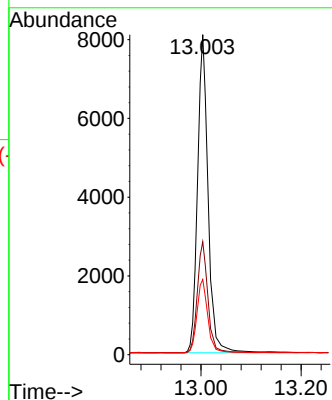
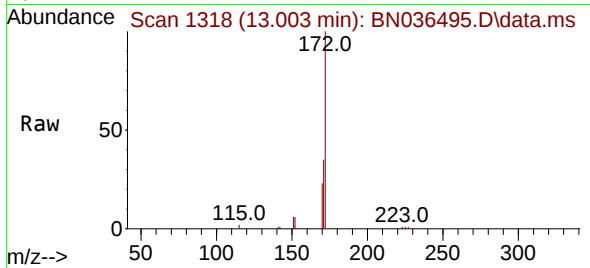




#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37

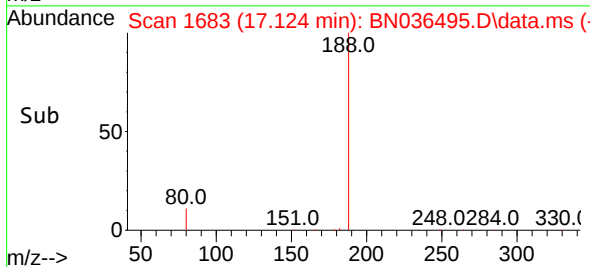
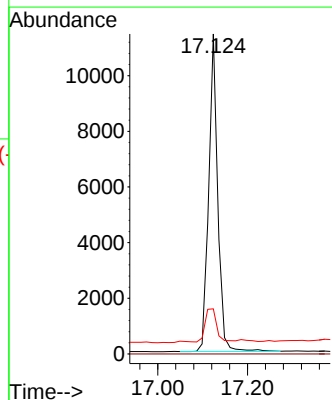
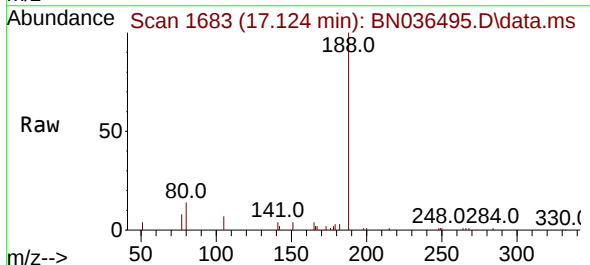
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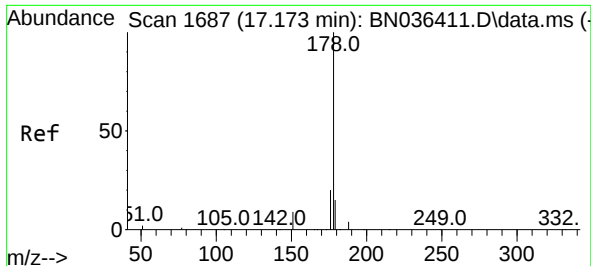
Tgt Ion:172	Resp:	15965
Ion Ratio	Lower	Upper
172	100	
171	35.3	29.6 44.4
170	23.5	19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37

Tgt Ion:188	Resp:	15975
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	14.1	9.8 14.6

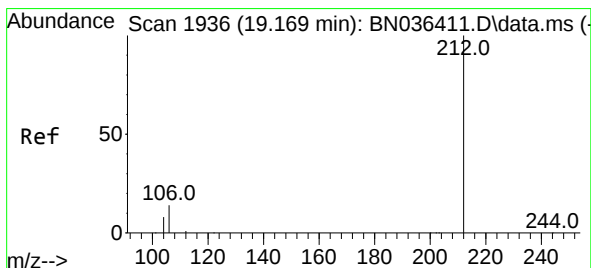
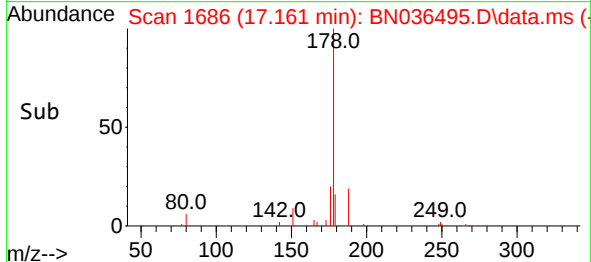
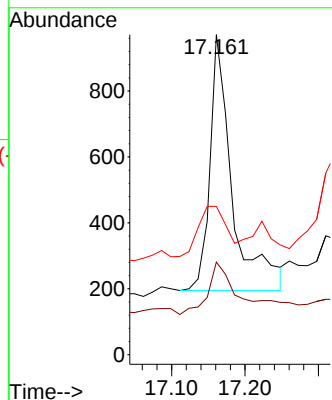
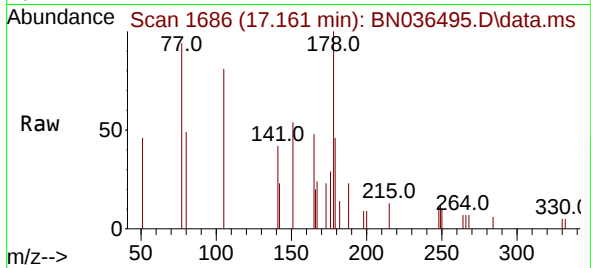




#25
Phenanthrene
Concen: 0.035 ng
RT: 17.161 min Scan# 1686
Delta R.T. -0.012 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37

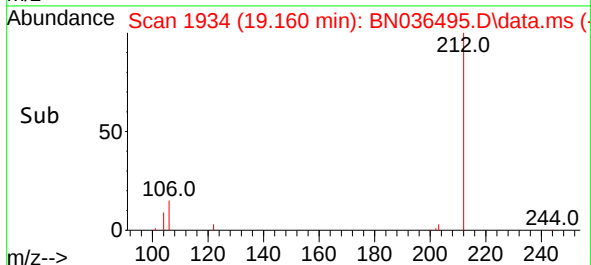
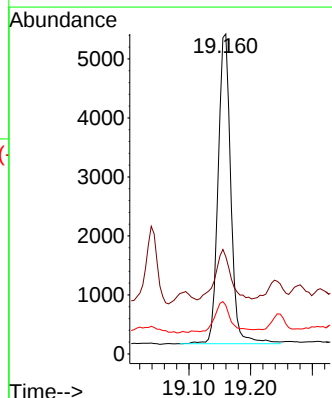
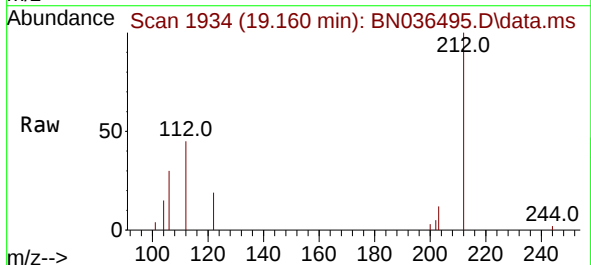
Instrument :
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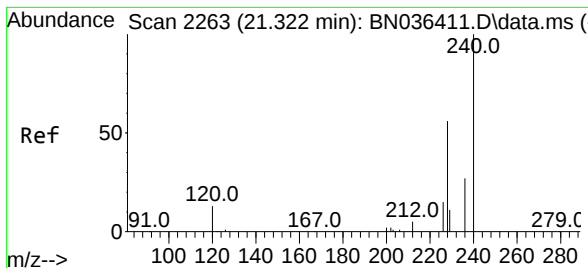
Tgt Ion:178 Resp: 1631
Ion Ratio Lower Upper
178 100
176 32.3 15.7 23.5#
179 25.1 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.170 ng
RT: 19.160 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37

Tgt Ion:212 Resp: 7538
Ion Ratio Lower Upper
212 100
106 20.8 11.5 17.3#
104 11.8 7.1 10.7#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.313 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN036495.D

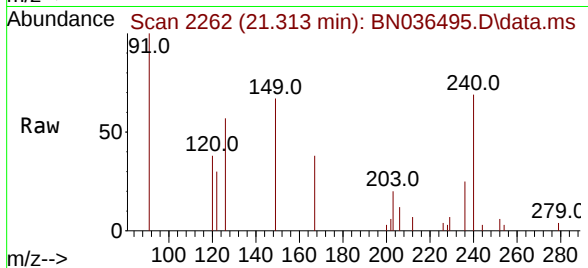
Acq: 24 Feb 2025 12:37

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-860-862



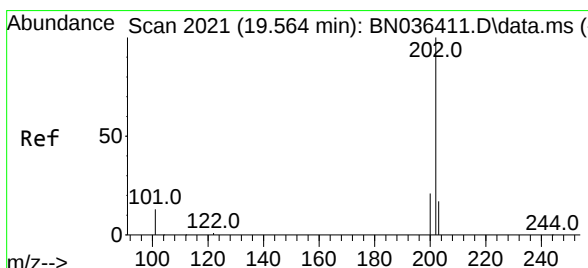
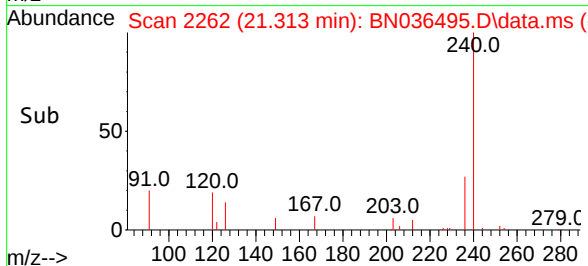
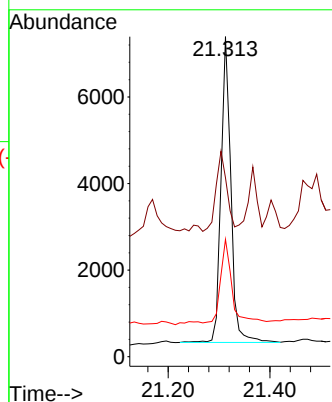
Tgt Ion:240 Resp: 9523

Ion Ratio Lower Upper

240 100

120 55.9 13.3 19.9#

236 36.7 23.0 34.6#



#30

Pyrene

Concen: 0.024 ng

RT: 19.550 min Scan# 2018

Delta R.T. -0.014 min

Lab File: BN036495.D

Acq: 24 Feb 2025 12:37

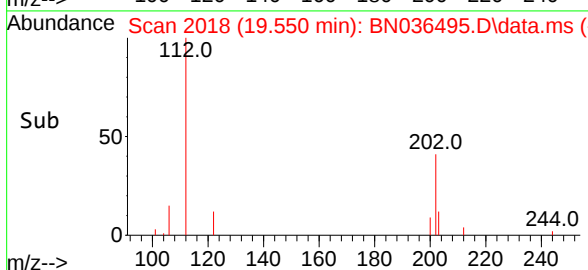
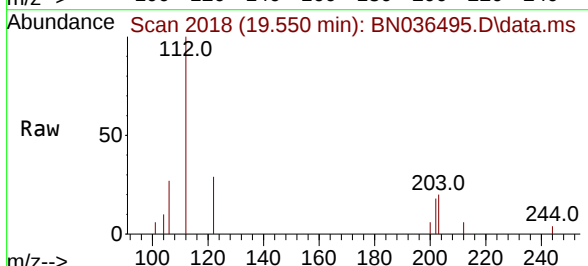
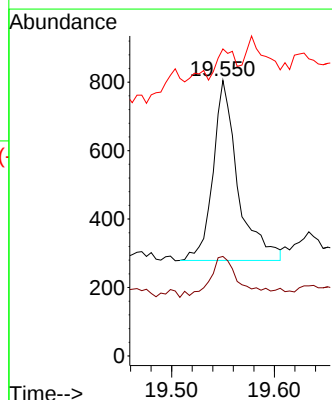
Tgt Ion:202 Resp: 887

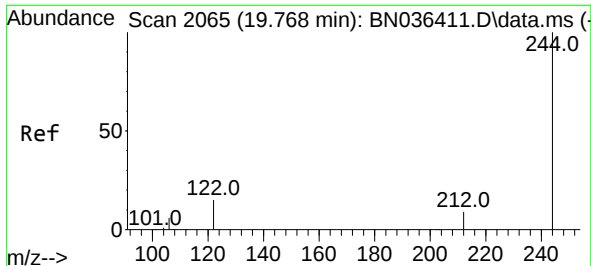
Ion Ratio Lower Upper

202 100

200 28.0 16.9 25.3#

203 13.9 13.9 20.9#

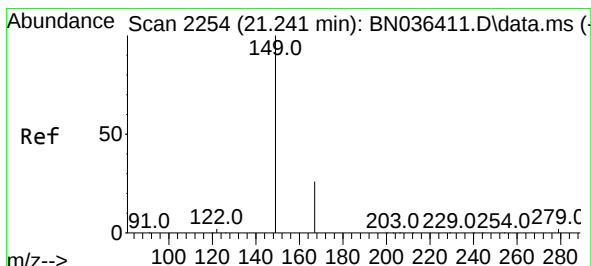
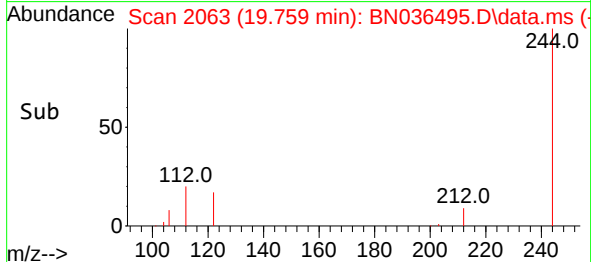
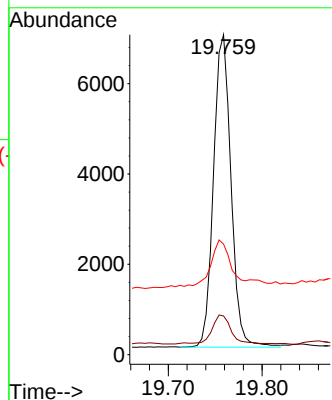
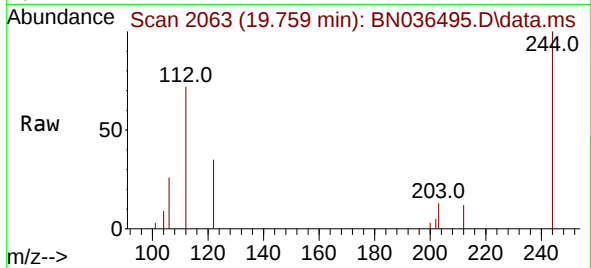




#31
 Terphenyl-d14
 Concen: 0.440 ng
 RT: 19.759 min Scan# 2063
 Delta R.T. -0.009 min
 Lab File: BN036495.D
 Acq: 24 Feb 2025 12:37

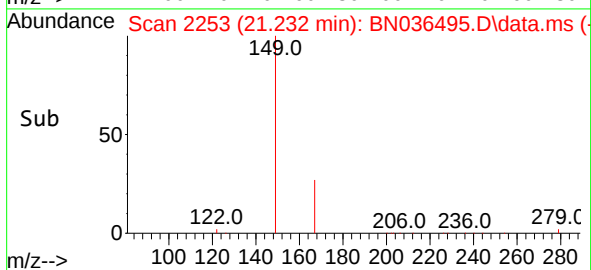
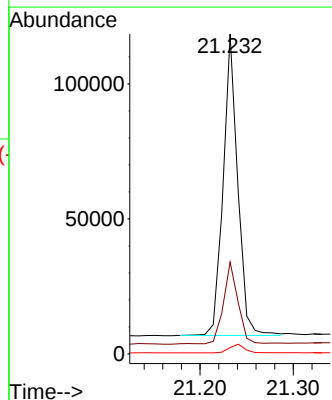
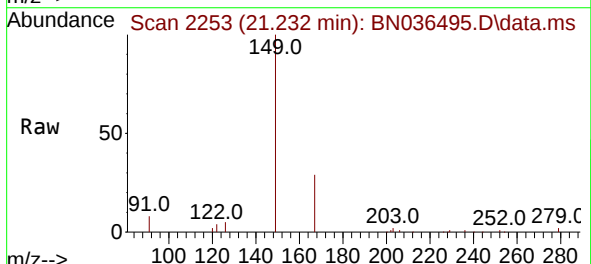
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-860-862

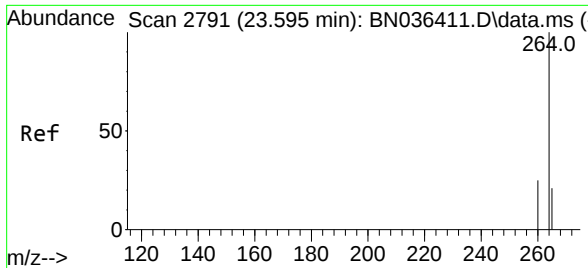
Tgt Ion:244 Resp: 8954
 Ion Ratio Lower Upper
 244 100
 212 12.1 8.1 12.1
 122 34.6 12.8 19.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 6.160 ng
 RT: 21.232 min Scan# 2253
 Delta R.T. -0.009 min
 Lab File: BN036495.D
 Acq: 24 Feb 2025 12:37

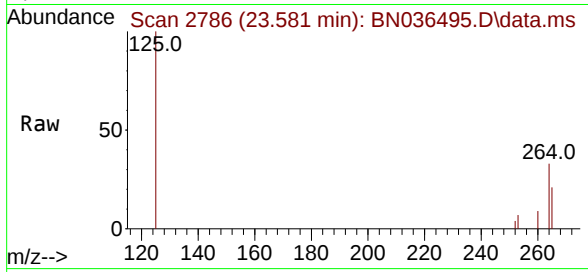
Tgt Ion:149 Resp: 120266
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.2 31.8
 279 3.1 2.7 4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.581 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN036495.D
Acq: 24 Feb 2025 12:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-860-862



Tgt Ion:264 Resp: 10012

Ion	Ratio	Lower	Upper
264	100		
260	28.2	20.9	31.3
265	64.7	60.7	91.1

