

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036500.D
 Acq On : 24 Feb 2025 15:37
 Operator : RC/JU
 Sample : Q1401-04RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 24 16:21:26 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)

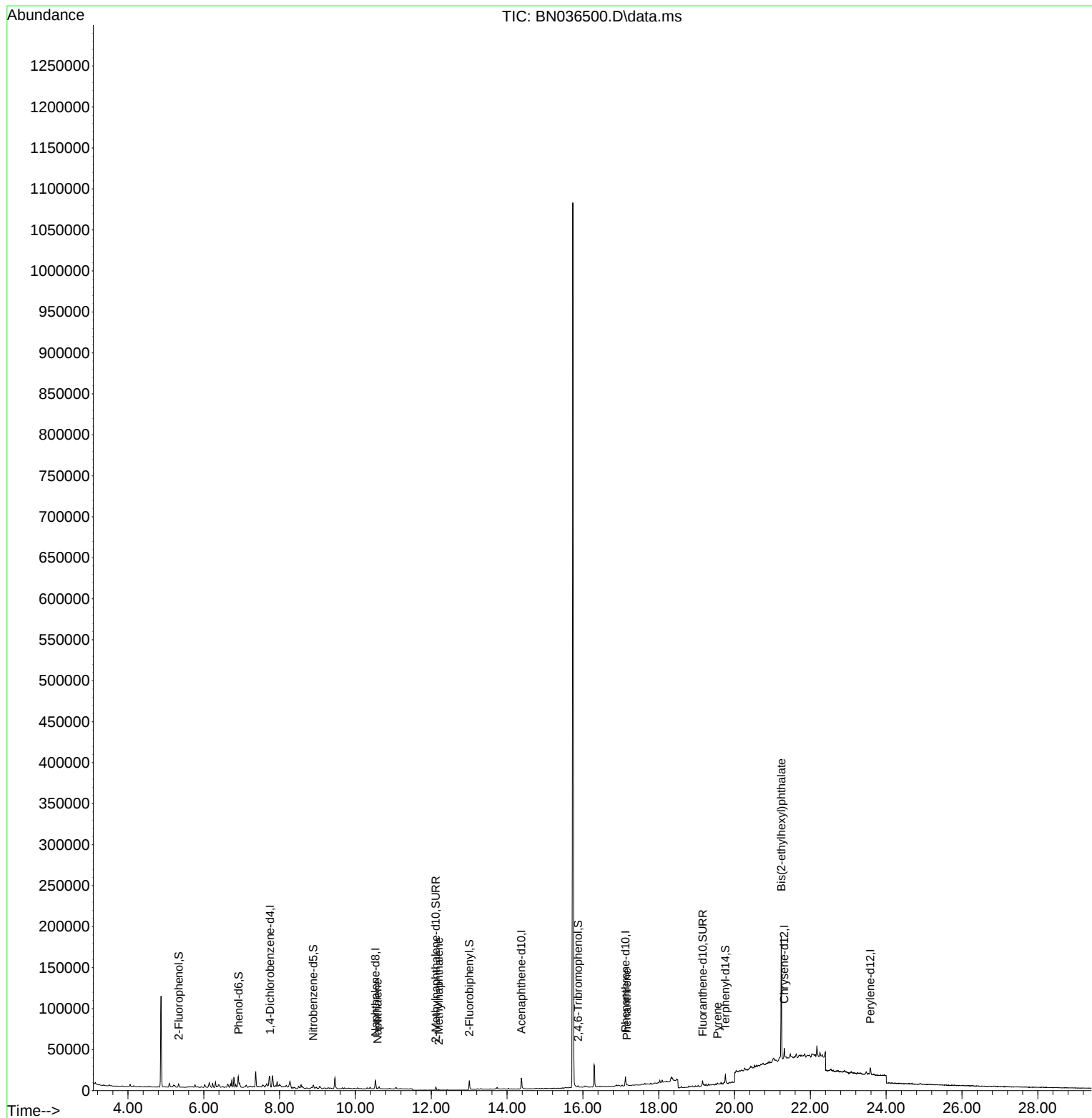
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	4764	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	12976	0.400	ng	#-0.01
13) Acenaphthene-d10	14.377	164	7380	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	14127	0.400	ng	-0.01
29) Chrysene-d12	21.313	240	9825	0.400	ng	# 0.00
35) Perylene-d12	23.584	264	10325	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	1857	0.165	ng	0.00
5) Phenol-d6	6.915	99	2341	0.177	ng	-0.02
8) Nitrobenzene-d5	8.886	82	3825	0.299	ng	-0.02
11) 2-Methylnaphthalene-d10	12.121	152	5282	0.265	ng	-0.02
14) 2,4,6-Tribromophenol	15.870	330	674	0.184	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	12813	0.462	ng	-0.02
27) Fluoranthene-d10	19.160	212	7344	0.187	ng	0.00
31) Terphenyl-d14	19.759	244	8901	0.424	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.584	128	1201	0.032	ng	# 75
12) 2-Methylnaphthalene	12.197	142	678	0.028	ng	# 94
25) Phenanthrene	17.161	178	1675	0.041	ng	# 82
30) Pyrene	19.550	202	822	0.022	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.232	149	124321	6.172	ng	100

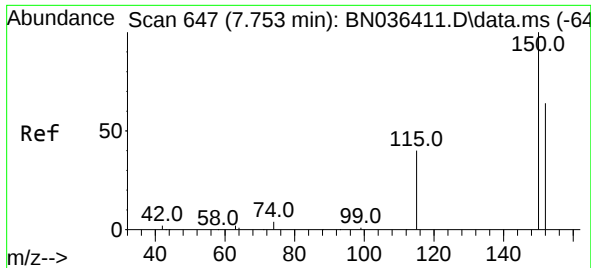
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
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BP-VPB-192-GW-860-862RE

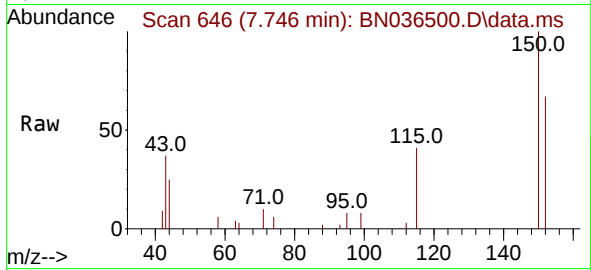
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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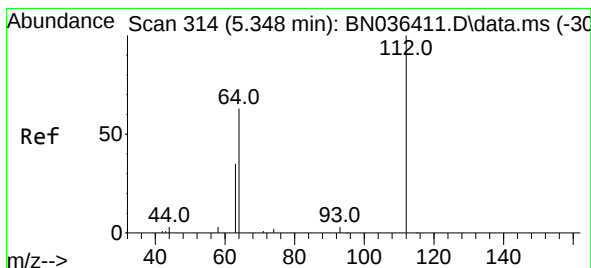
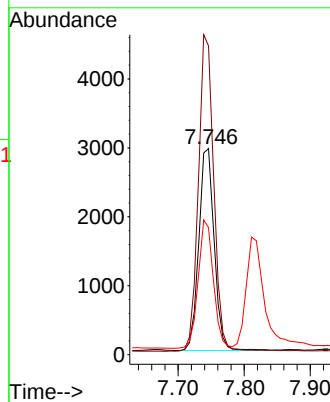
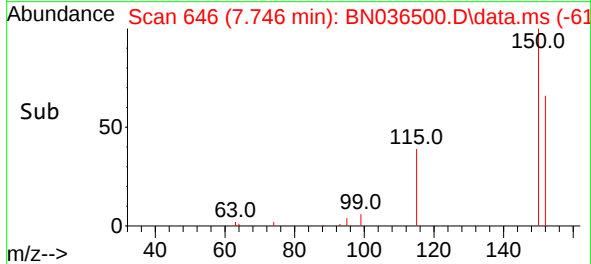


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 647
Delta R.T. -0.007 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

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

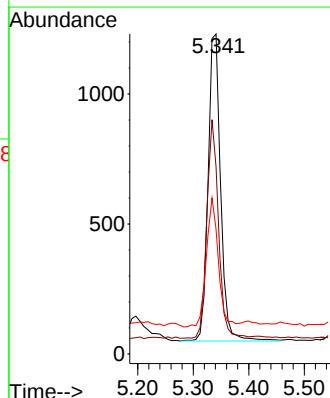
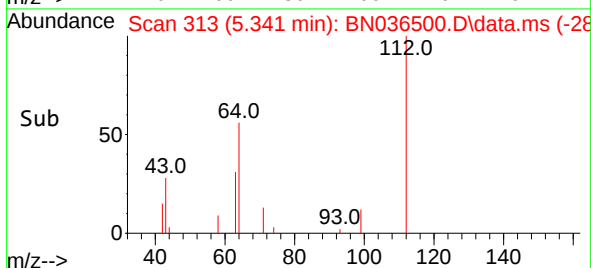
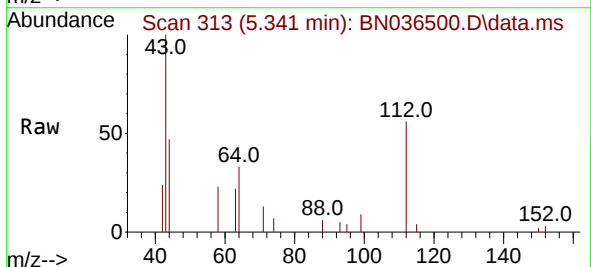


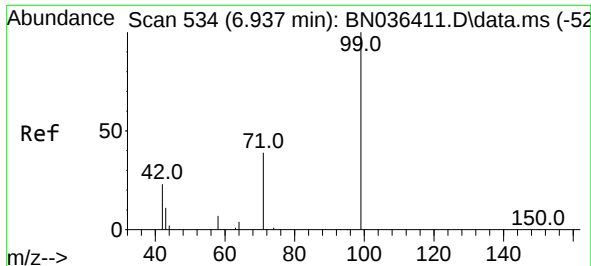
Tgt Ion:152 Resp: 4764
Ion Ratio Lower Upper
152 100
150 149.8 123.7 185.5
115 61.6 52.5 78.7



#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

Tgt Ion:112 Resp: 1857
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.0
63 40.1 30.3 45.5

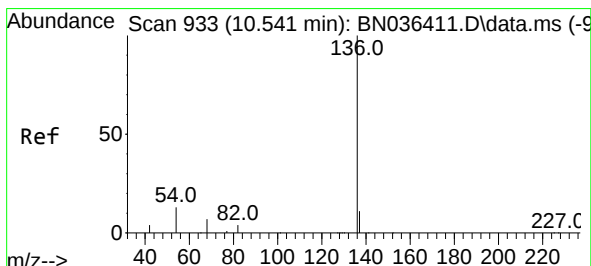
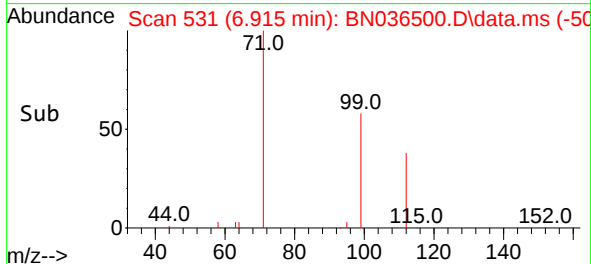
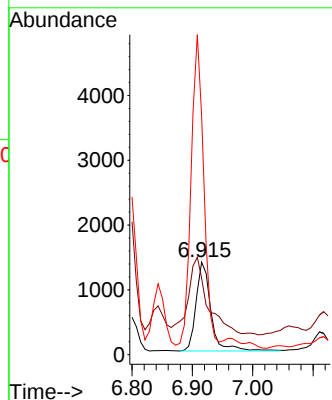
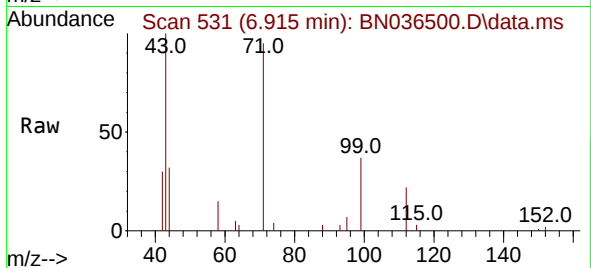




#5
Phenol-d6
Concen: 0.177 ng
RT: 6.915 min Scan# 511
Delta R.T. -0.022 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

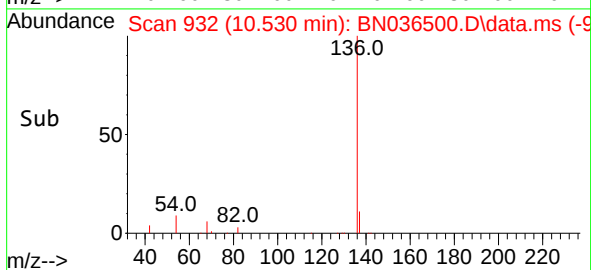
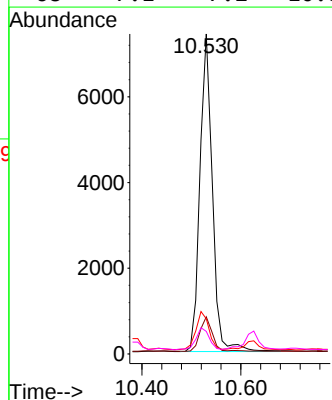
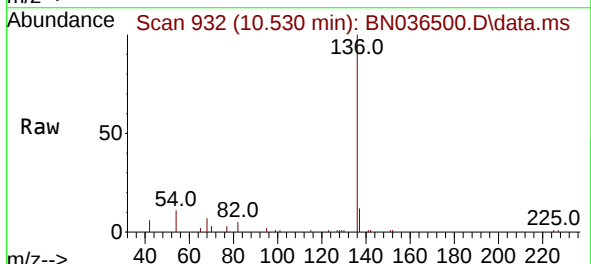
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-860-862RE

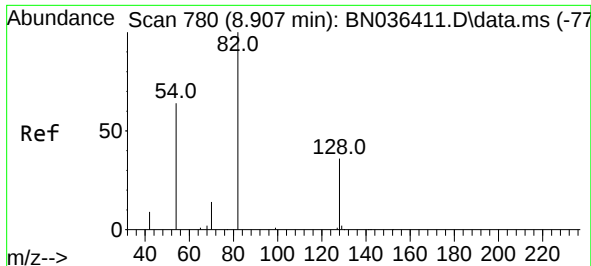
Tgt Ion: 99 Resp: 2341
Ion Ratio Lower Upper
99 100
42 117.3 21.7 32.5#
71 295.1 32.6 49.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.011 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

Tgt Ion: 136 Resp: 12976
Ion Ratio Lower Upper
136 100
137 11.6 10.1 15.1
54 11.0 11.8 17.6#
68 7.1 7.2 10.8#

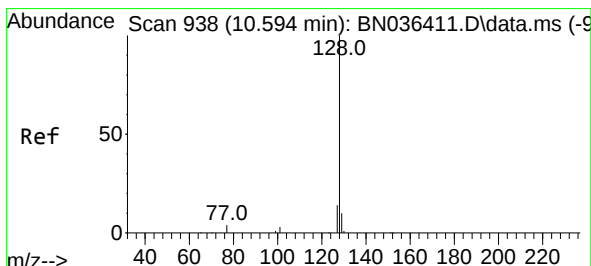
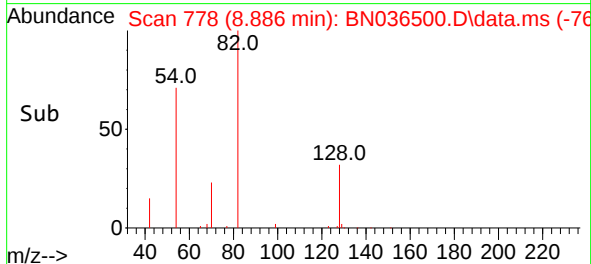
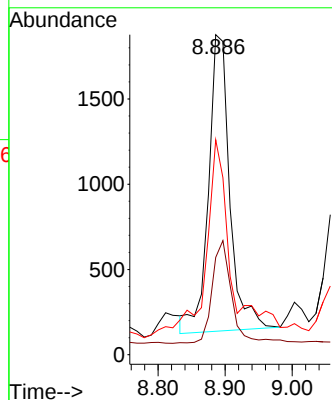
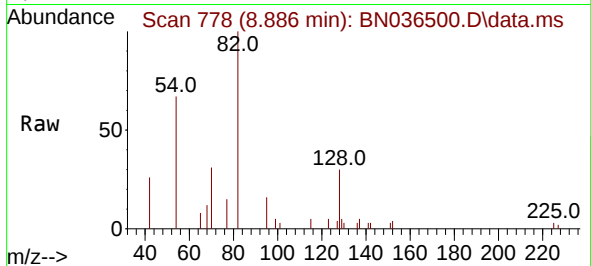




#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.886 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

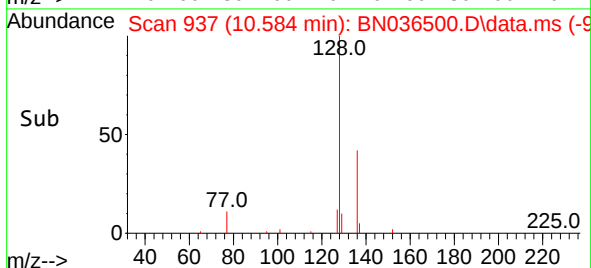
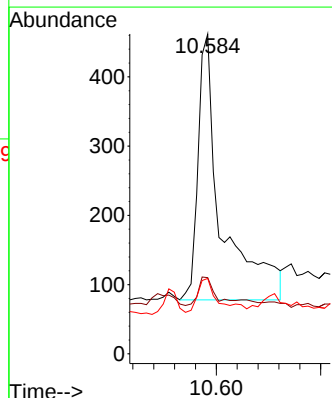
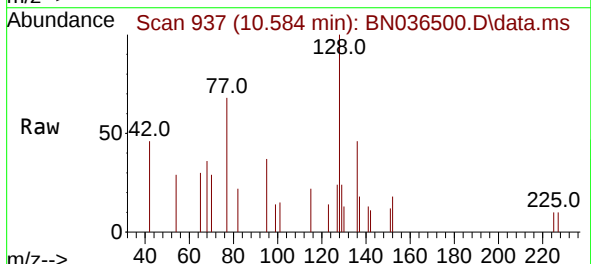
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-860-862RE

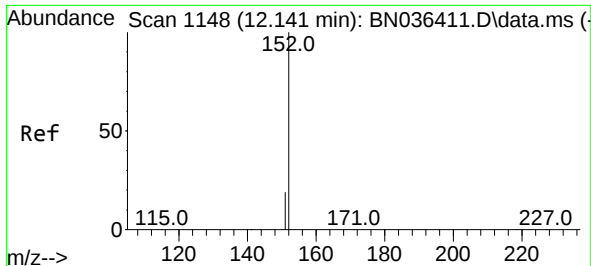
Tgt Ion: 82 Resp: 3825
Ion Ratio Lower Upper
82 100
128 30.4 31.9 47.9#
54 67.2 53.1 79.7



#9
Naphthalene
Concen: 0.032 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.011 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

Tgt Ion: 128 Resp: 1201
Ion Ratio Lower Upper
128 100
129 23.8 9.6 14.4#
127 23.6 12.0 18.0#

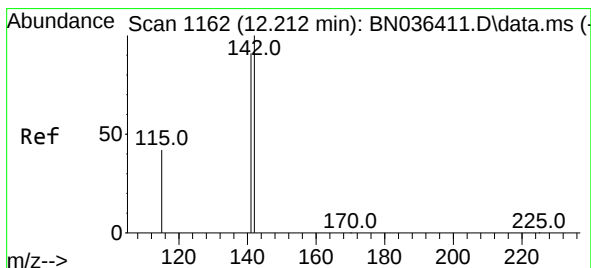
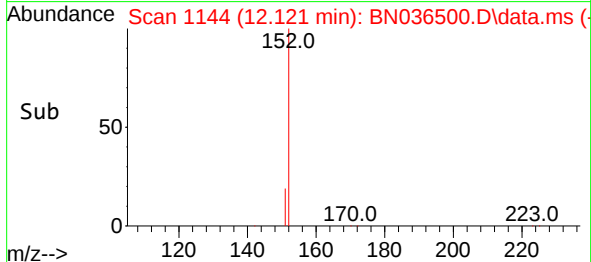
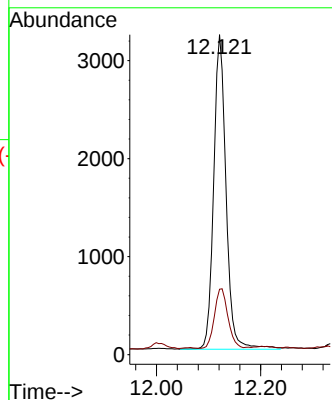
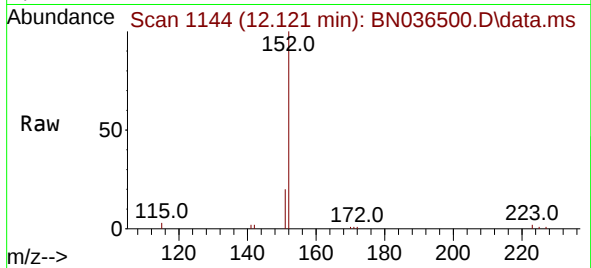




#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.020 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

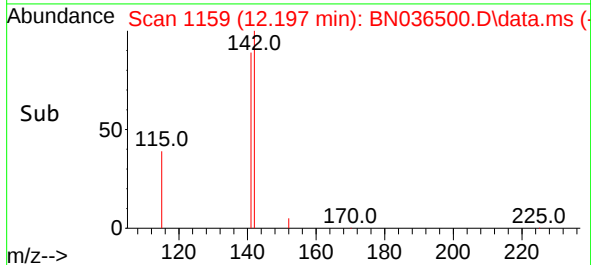
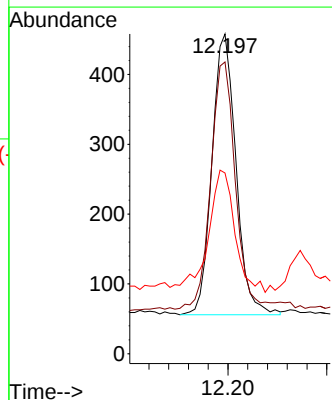
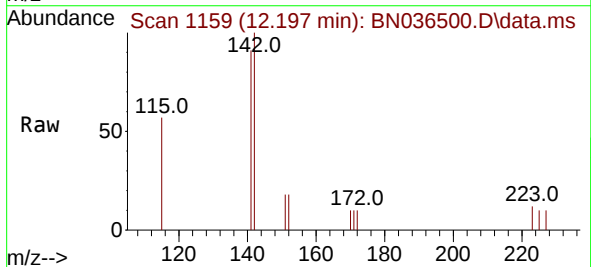
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-860-862RE

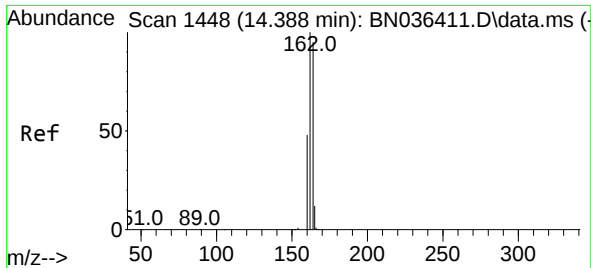
Tgt Ion:152 Resp: 5282
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0



#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.015 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

Tgt Ion:142 Resp: 678
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2
115 56.6 35.5 53.3#

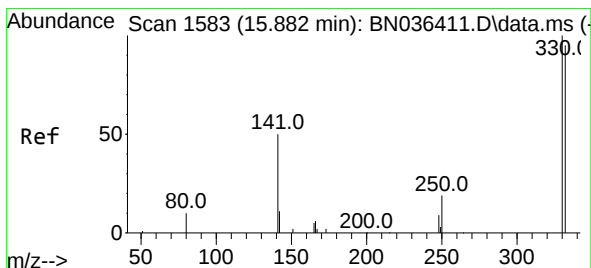
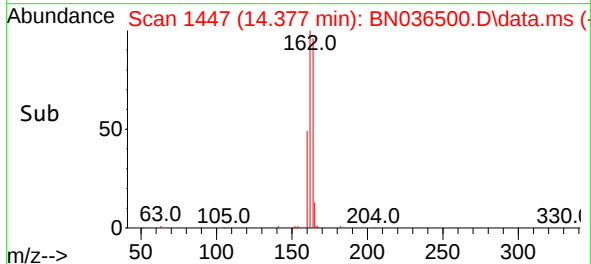
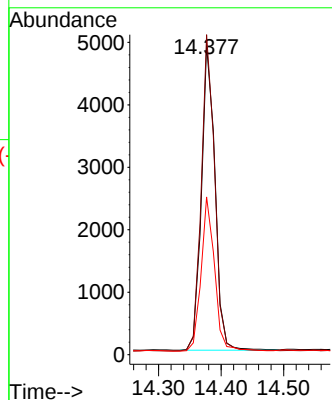
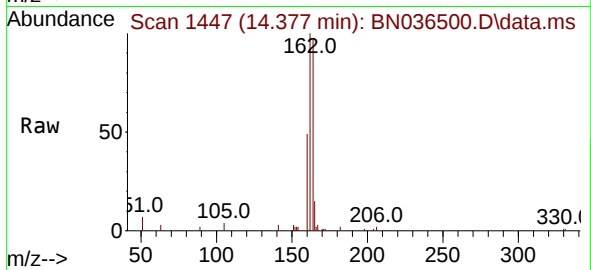




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.011 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

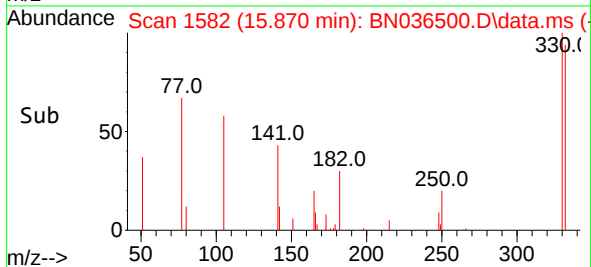
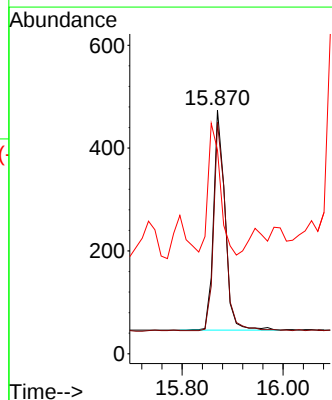
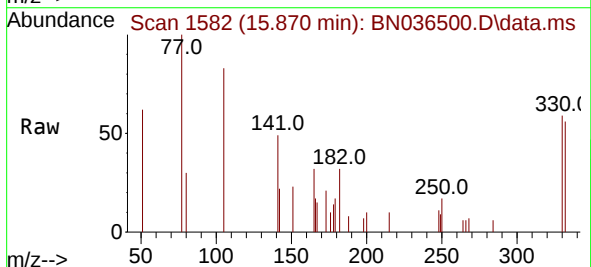
Instrument :
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ClientSampleId :
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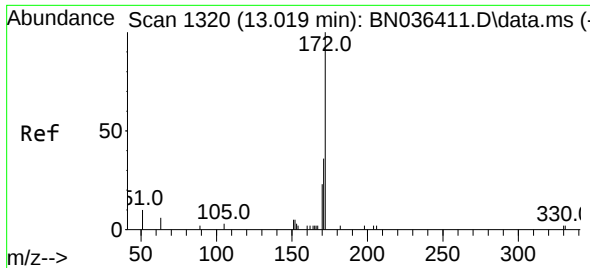
Tgt Ion:164 Resp: 7380
Ion Ratio Lower Upper
164 100
162 103.5 84.1 126.1
160 51.0 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.870 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

Tgt Ion:330 Resp: 674
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 63.2 37.8 56.8#

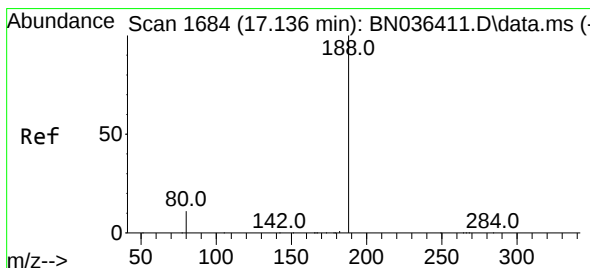
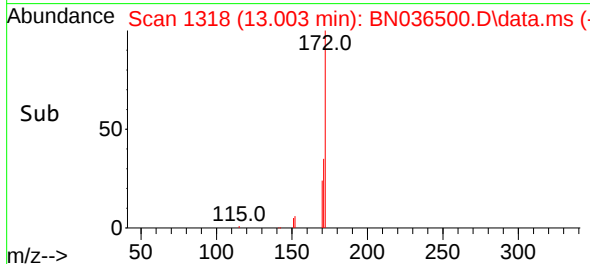
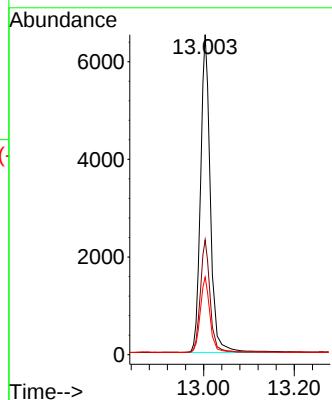
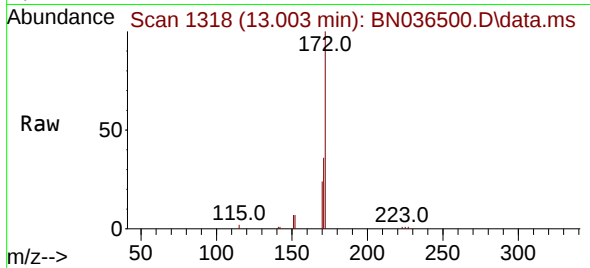




#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

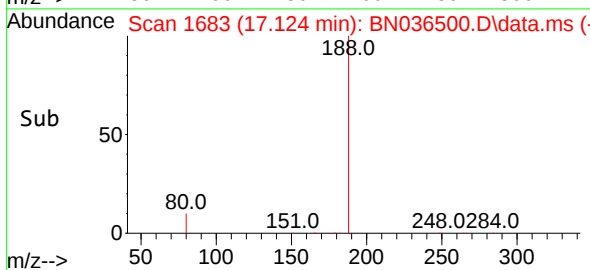
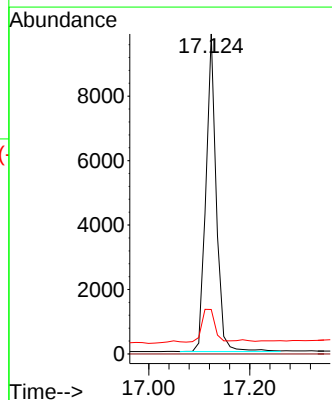
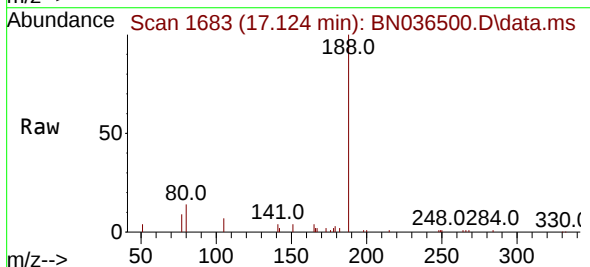
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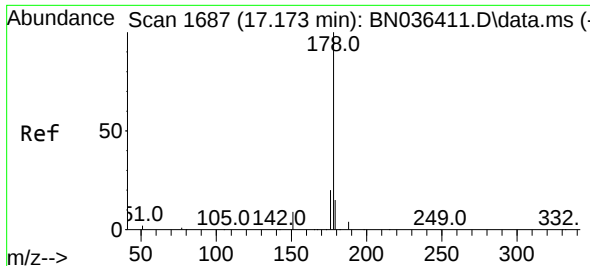
Tgt Ion:172	Resp:	12813
Ion Ratio	Lower	Upper
172	100	
171	35.9	29.6 44.4
170	24.2	19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

Tgt Ion:188	Resp:	14127
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	13.9	9.8 14.6

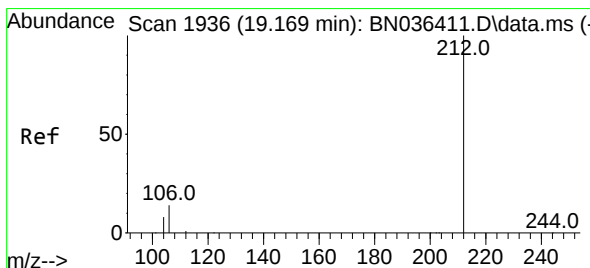
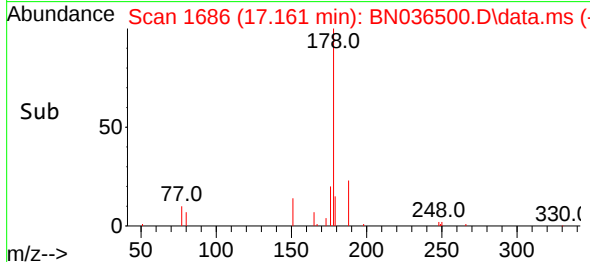
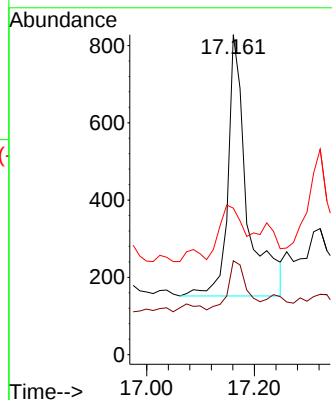
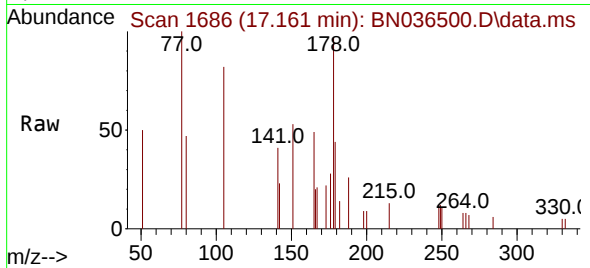




#25
Phenanthrene
Concen: 0.041 ng
RT: 17.161 min Scan# 1686
Delta R.T. -0.012 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

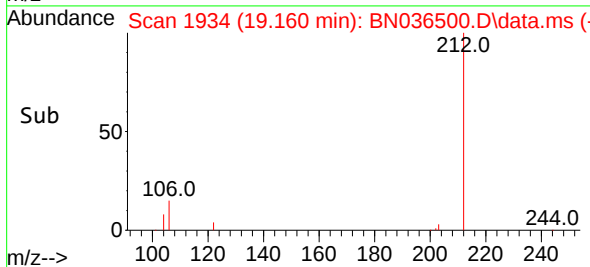
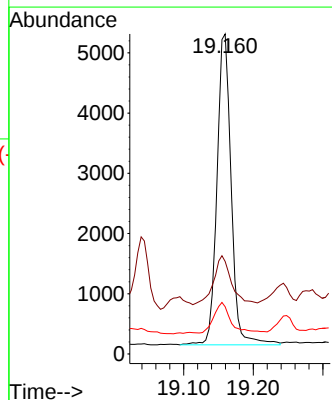
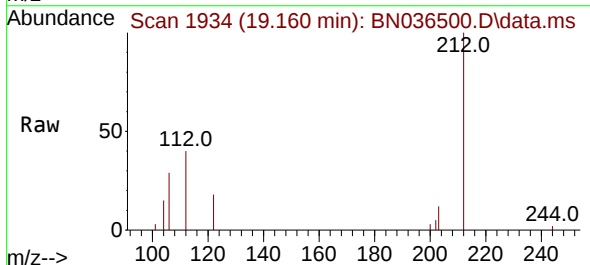
Instrument :
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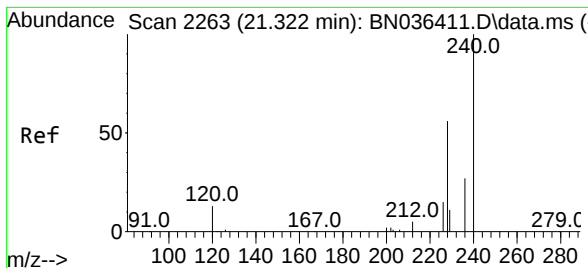
Tgt Ion:178 Resp: 1675
Ion Ratio Lower Upper
178 100
176 18.0 15.7 23.5
179 30.3 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.187 ng
RT: 19.160 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

Tgt Ion:212 Resp: 7344
Ion Ratio Lower Upper
212 100
106 20.1 11.5 17.3#
104 11.4 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: BN036500.D

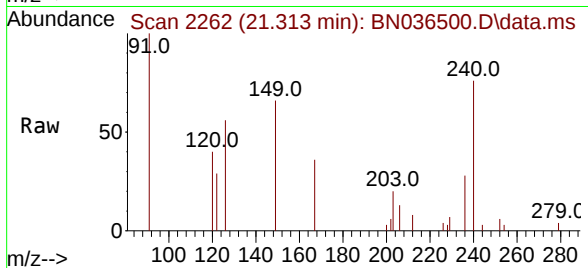
Acq: 24 Feb 2025 15:37

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-860-862RE



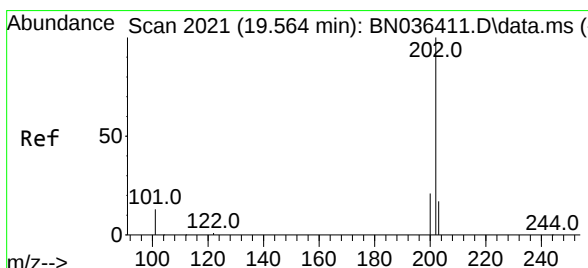
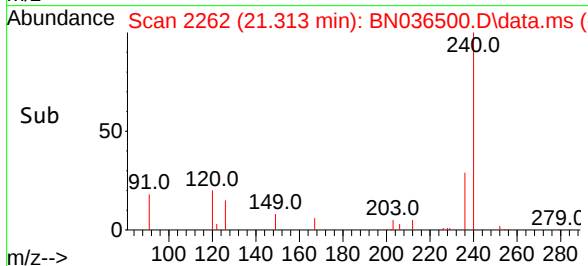
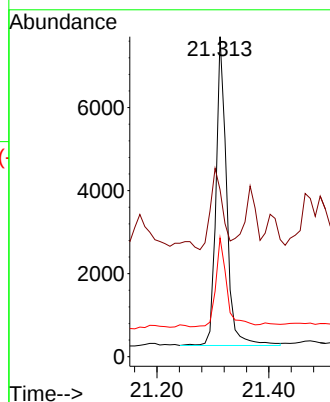
Tgt Ion:240 Resp: 9825

Ion Ratio Lower Upper

240 100

120 52.2 13.3 19.9#

236 37.2 23.0 34.6#



#30

Pyrene

Concen: 0.022 ng

RT: 19.550 min Scan# 2018

Delta R.T. -0.014 min

Lab File: BN036500.D

Acq: 24 Feb 2025 15:37

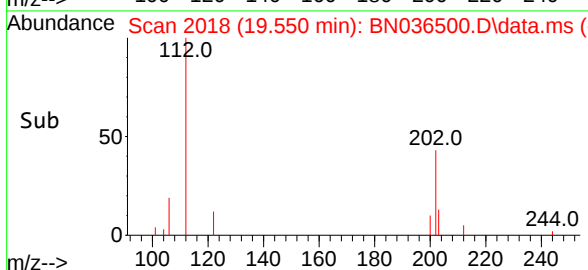
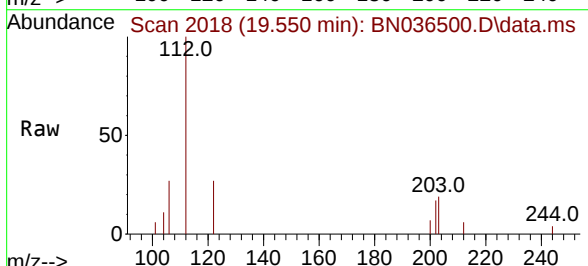
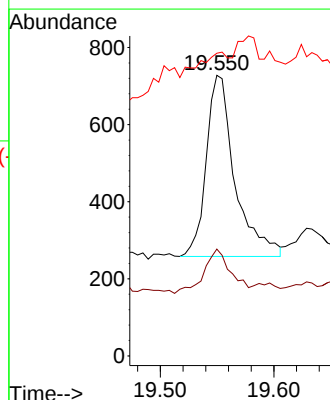
Tgt Ion:202 Resp: 822

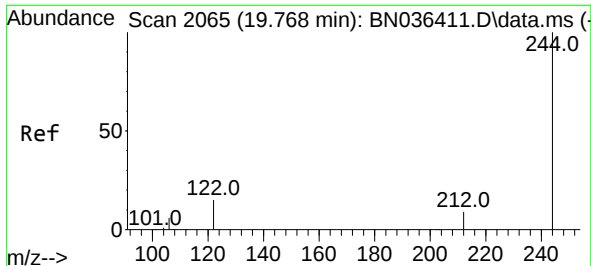
Ion Ratio Lower Upper

202 100

200 23.6 16.9 25.3

203 0.0 13.9 20.9#

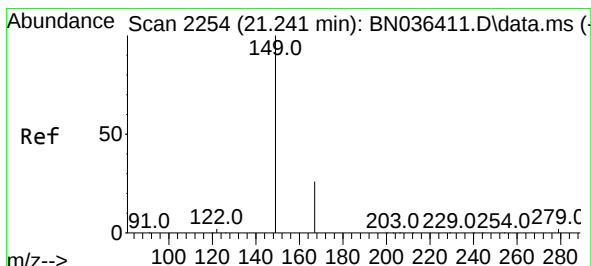
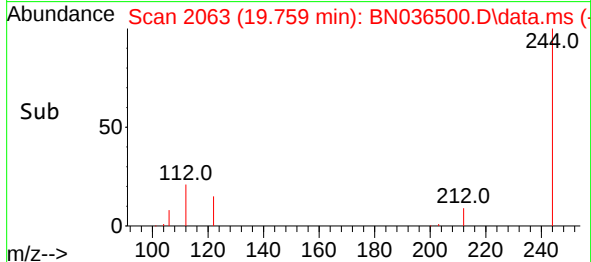
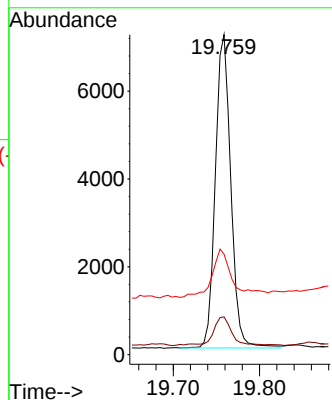
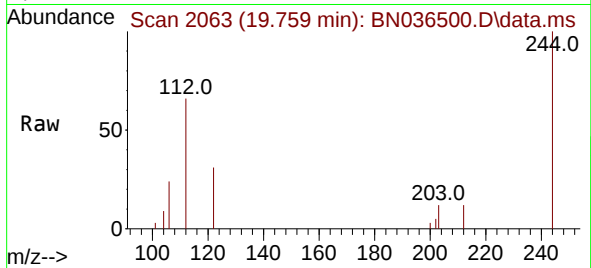




#31
 Terphenyl-d14
 Concen: 0.424 ng
 RT: 19.759 min Scan# 2063
 Delta R.T. -0.009 min
 Lab File: BN036500.D
 Acq: 24 Feb 2025 15:37

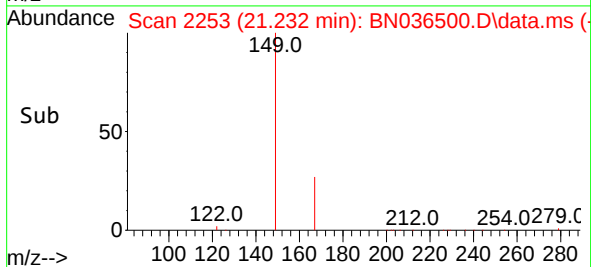
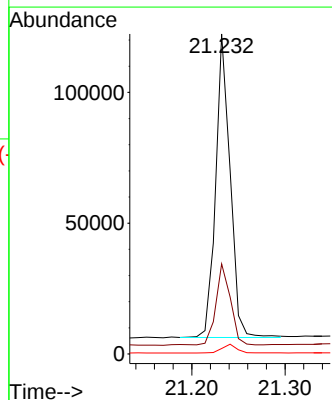
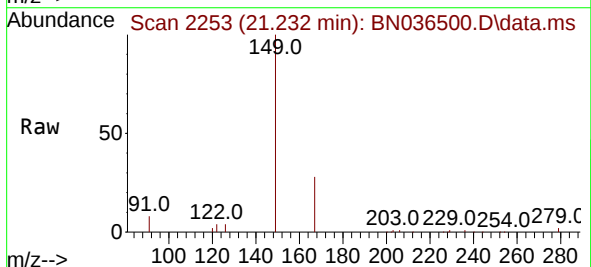
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-860-862RE

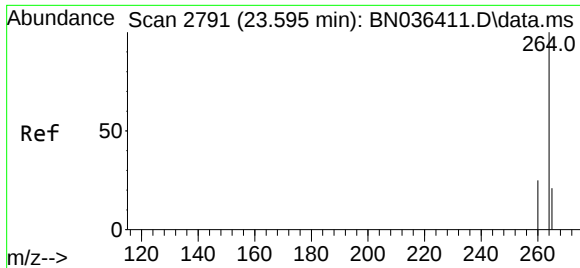
Tgt Ion:244 Resp: 8901
 Ion Ratio Lower Upper
 244 100
 212 11.8 8.1 12.1
 122 31.4 12.8 19.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 6.172 ng
 RT: 21.232 min Scan# 2253
 Delta R.T. -0.009 min
 Lab File: BN036500.D
 Acq: 24 Feb 2025 15:37

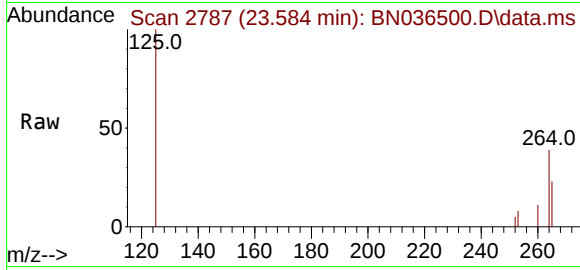
Tgt Ion:149 Resp: 124321
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.2 31.8
 279 3.0 2.7 4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.584 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

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



Tgt Ion:264 Resp: 10325
Ion Ratio Lower Upper
264 100
260 28.0 20.9 31.3
265 60.7 60.7 91.1#

