

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)

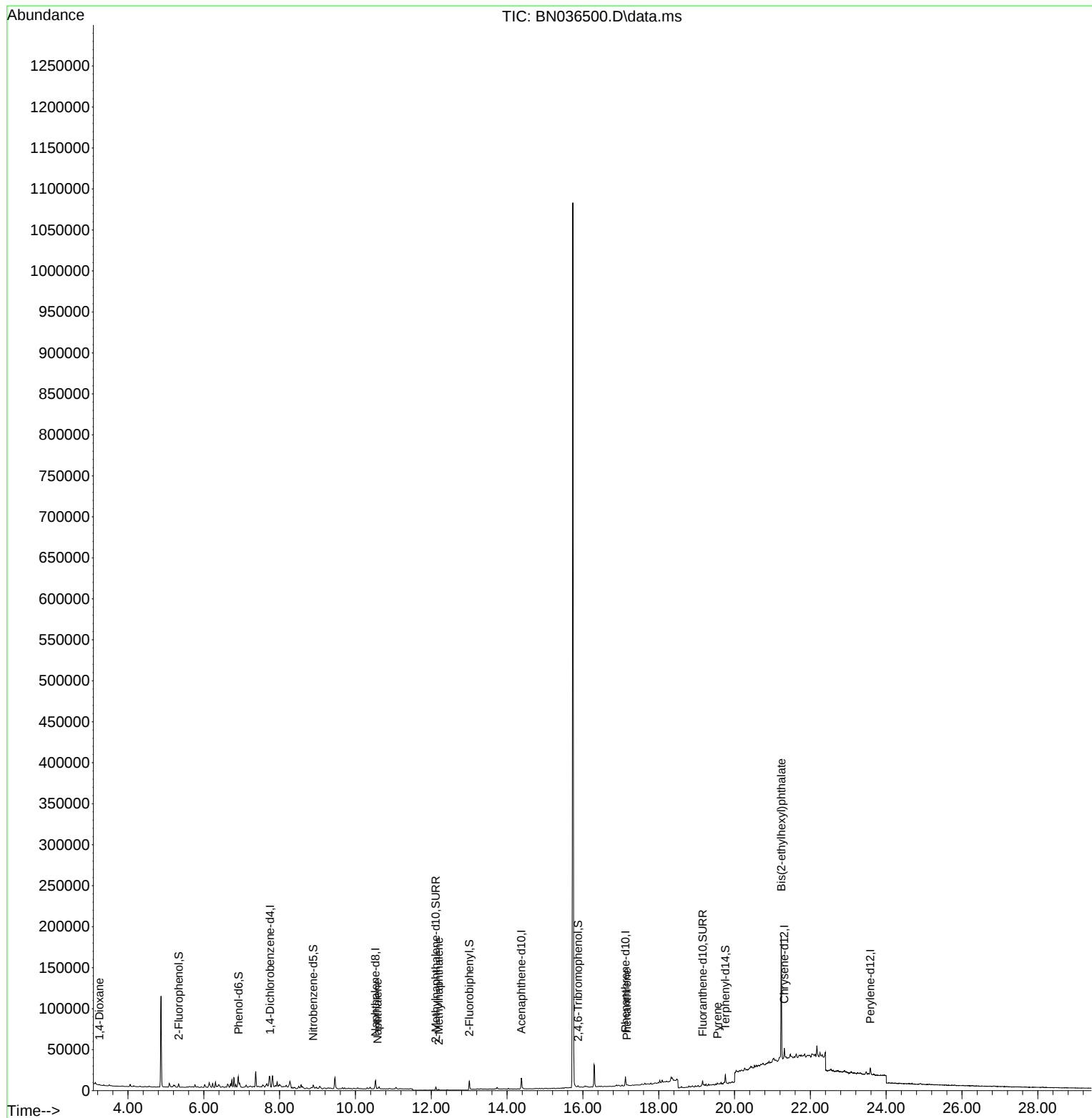
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	4764	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	12976	0.400	ng	#-0.01
13) Acenaphthene-d10	14.377	164	7380	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	14127	0.400	ng	-0.01
29) Chrysene-d12	21.313	240	9825	0.400	ng	# 0.00
35) Perylene-d12	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
2) 1,4-Dioxane	3.247	88	114	0.022	ng	# 1
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

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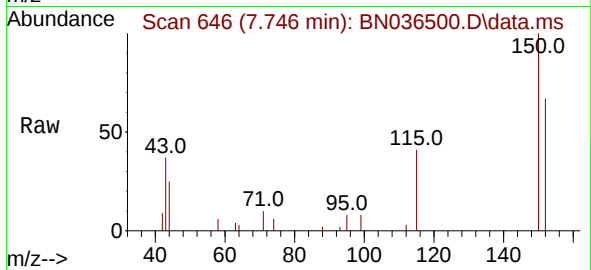
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration



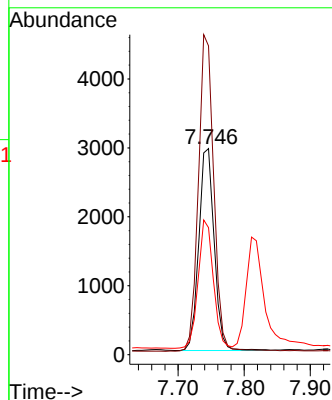
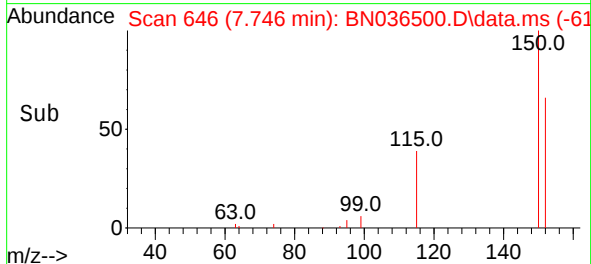


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.746 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036500.D
 Acq: 24 Feb 2025 15:37

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

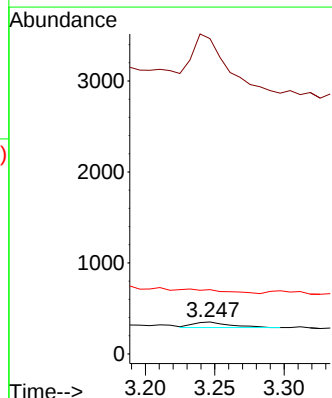
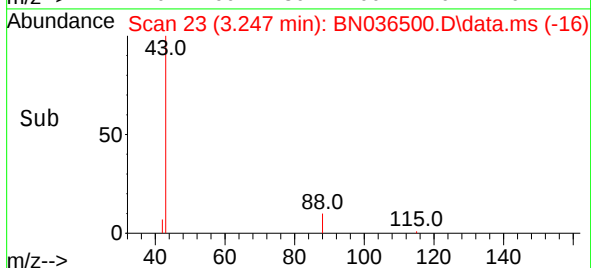
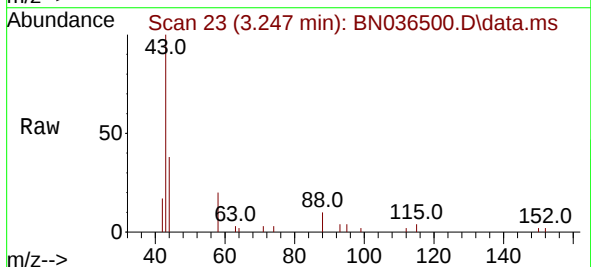


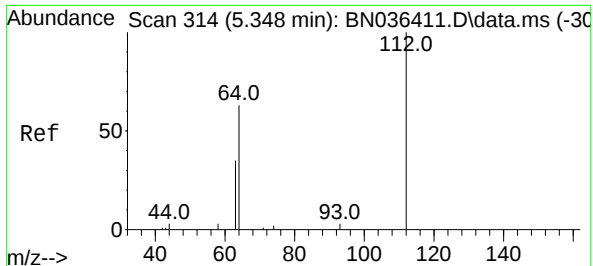
Tgt Ion:152 Resp: 4764
 Ion Ratio Lower Upper
 152 100
 150 149.8 123.7 185.5
 115 61.6 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.022 min
 Lab File: BN036500.D
 Acq: 24 Feb 2025 15:37

Tgt Ion: 88 Resp: 114
 Ion Ratio Lower Upper
 88 100
 43 986.8 33.7 50.5#
 58 0.0 68.9 103.3#

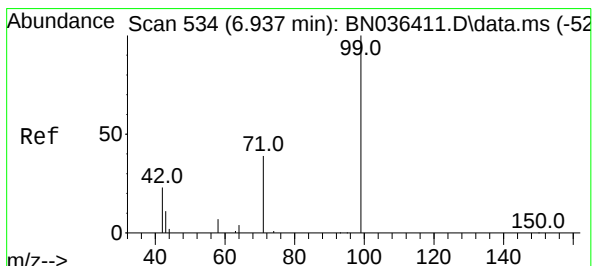
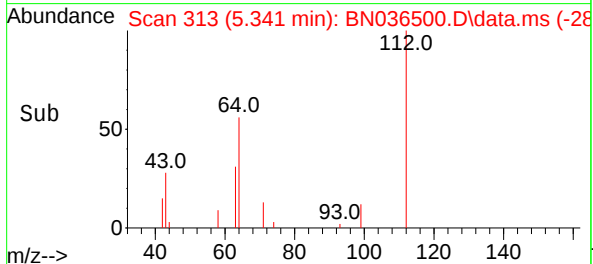
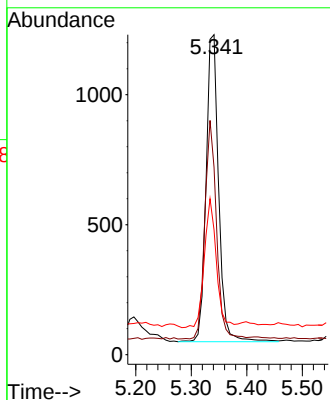
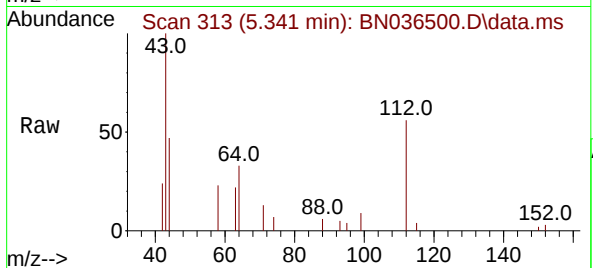




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

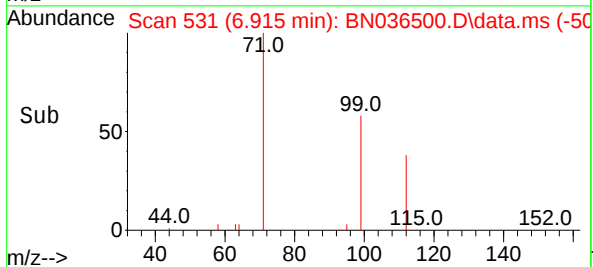
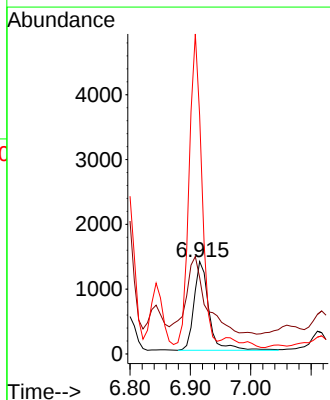
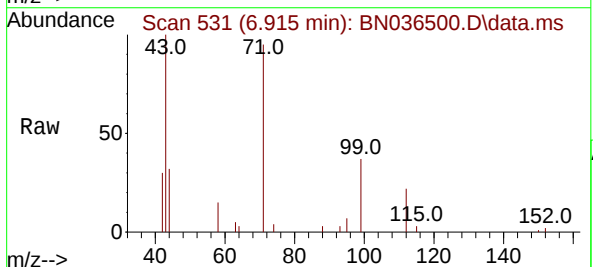
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-860-862RE

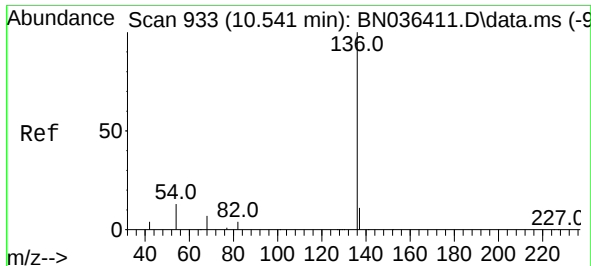
Tgt Ion:112 Resp: 1857
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.0
63 40.1 30.3 45.5



#5
Phenol-d6
Concen: 0.177 ng
RT: 6.915 min Scan# 531
Delta R.T. -0.022 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

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#

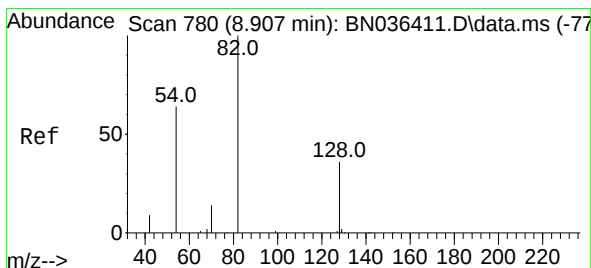
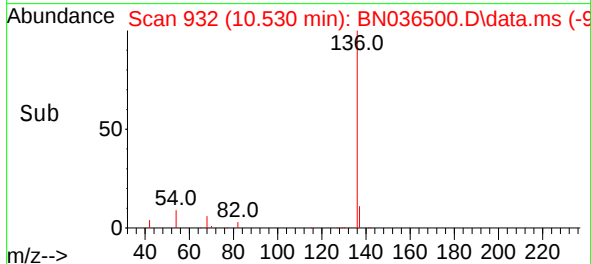
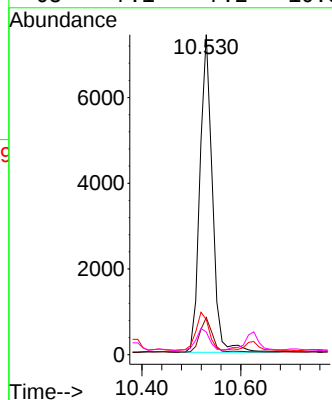
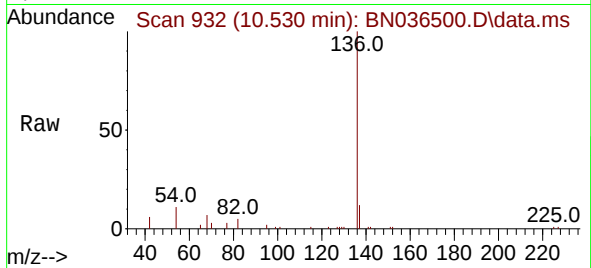




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

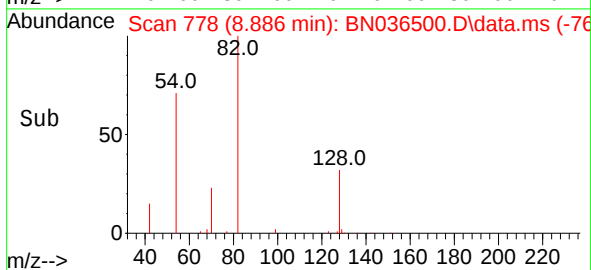
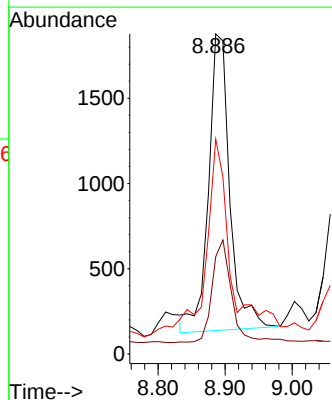
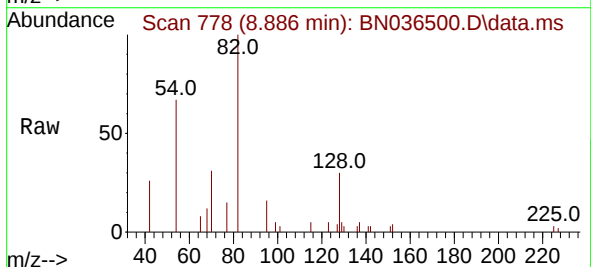
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-860-862RE

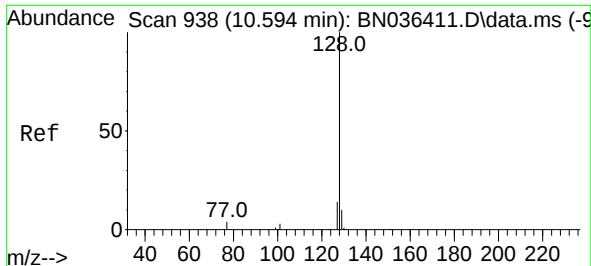
Tgt Ion:	136	Resp:	12976
Ion Ratio	Lower	Upper	
136	100		
137	11.6	10.1	15.1
54	11.0	11.8	17.6#
68	7.1	7.2	10.8#



#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.886 min Scan# 778
Delta R.T. -0.021 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

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

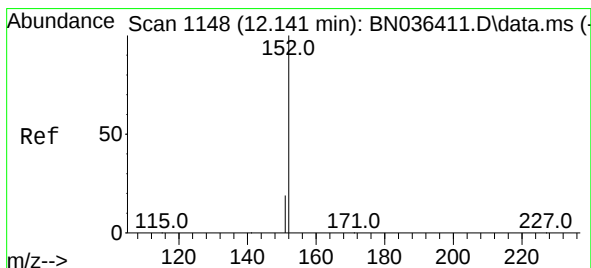
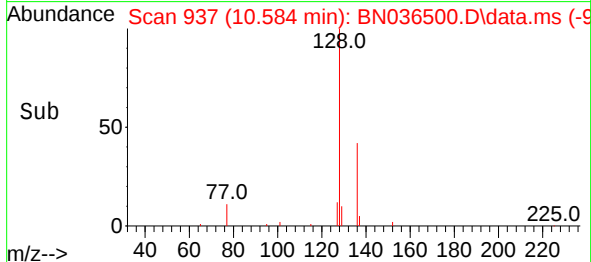
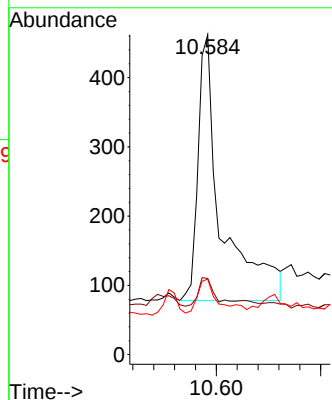
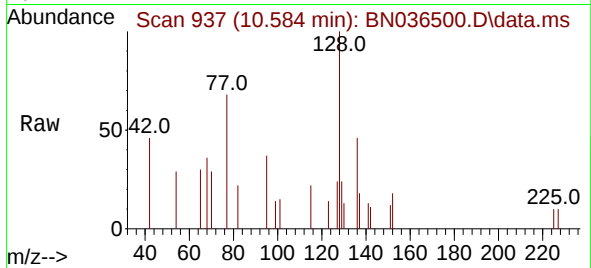




#9
Naphthalene
Concen: 0.032 ng
RT: 10.584 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

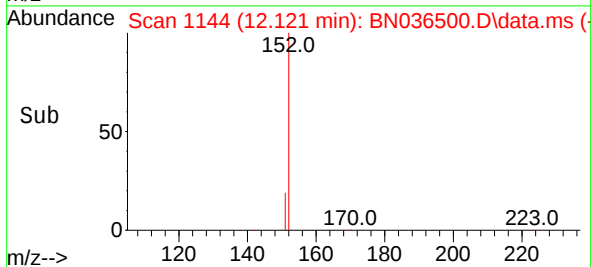
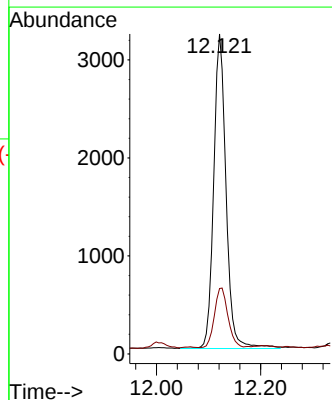
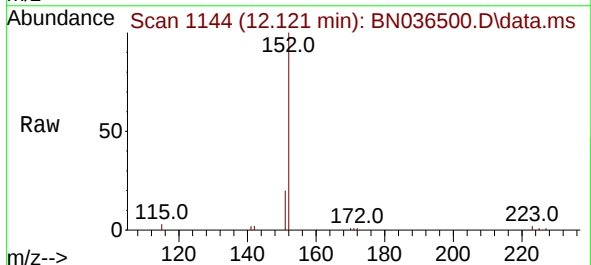
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-860-862RE

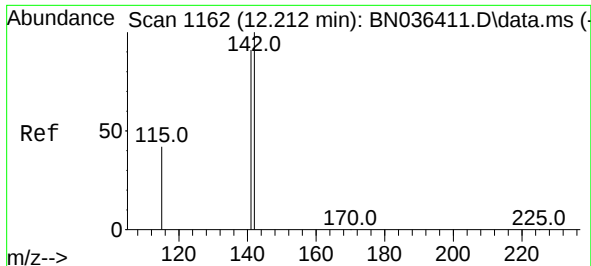
Tgt Ion:128 Resp: 1201
Ion Ratio Lower Upper
128 100
129 23.8 9.6 14.4#
127 23.6 12.0 18.0#



#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

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

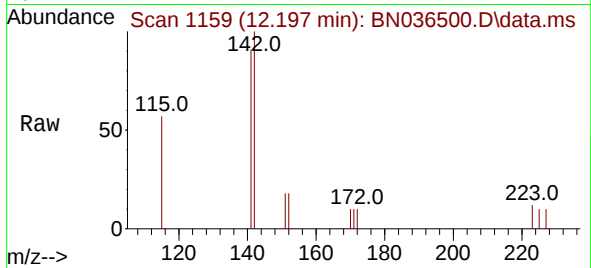
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Instrument :

BNA_N

ClientSampleId :

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



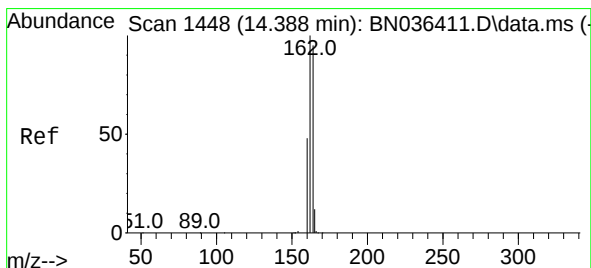
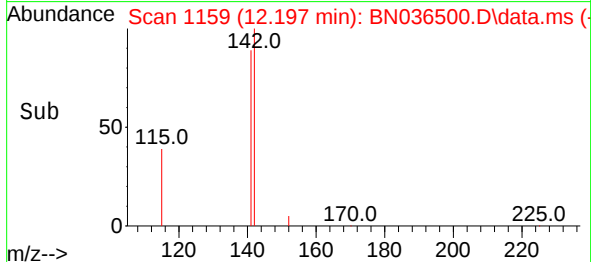
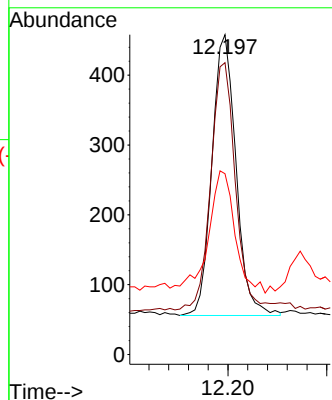
Tgt Ion:142 Resp: 678

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

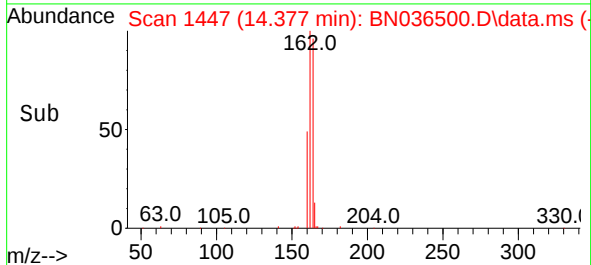
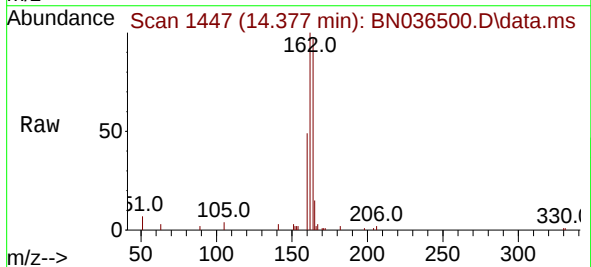
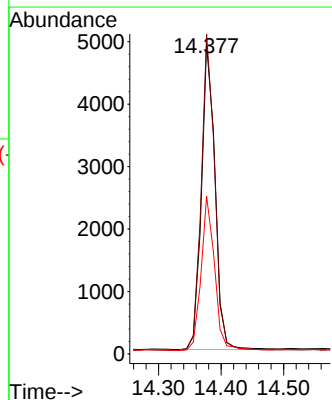
Tgt Ion:164 Resp: 7380

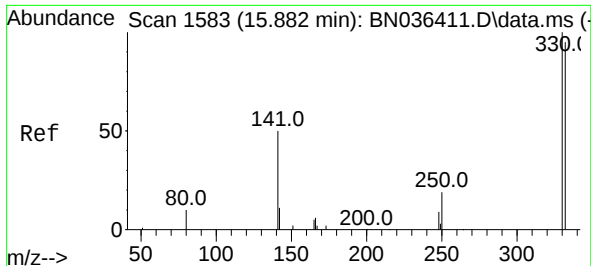
Ion Ratio Lower Upper

164 100

162 103.5 84.1 126.1

160 51.0 41.4 62.0

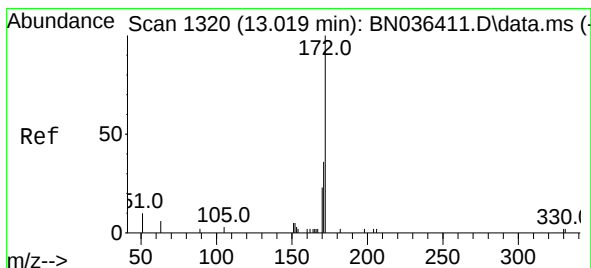
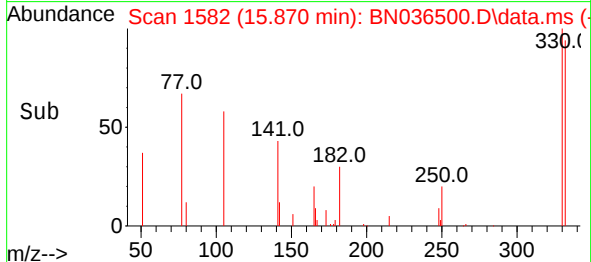
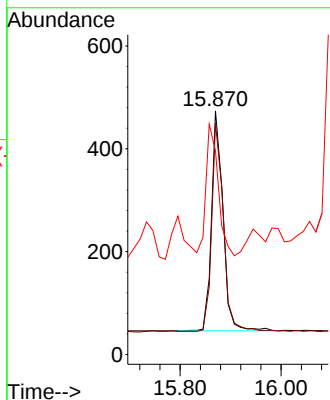
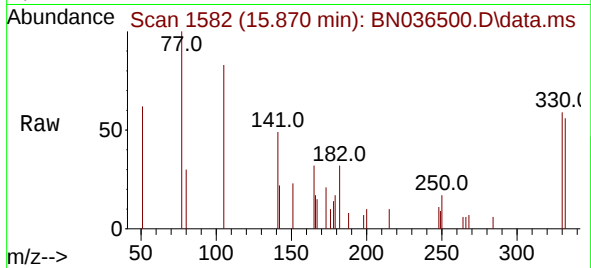




#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.870 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

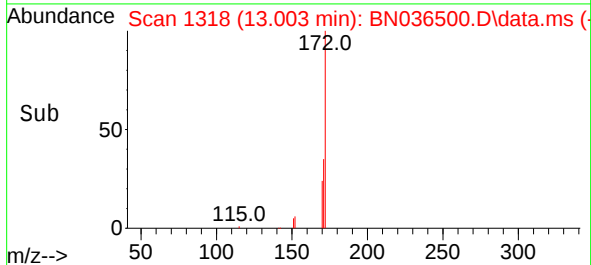
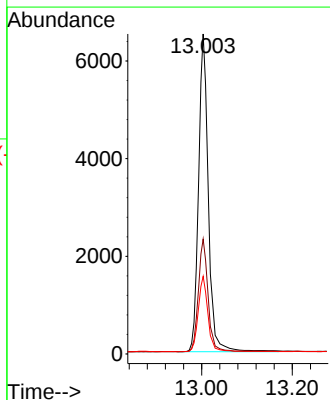
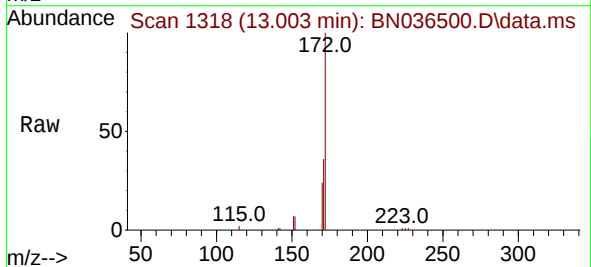
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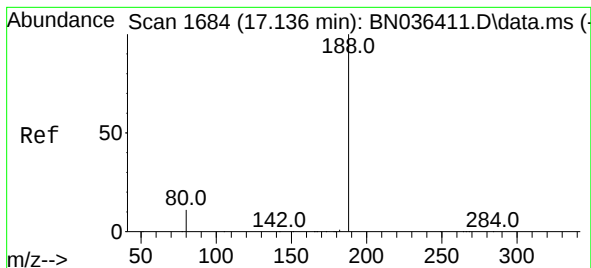
Tgt Ion:330 Resp: 674
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 63.2 37.8 56.8#



#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.016 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

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# 1

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

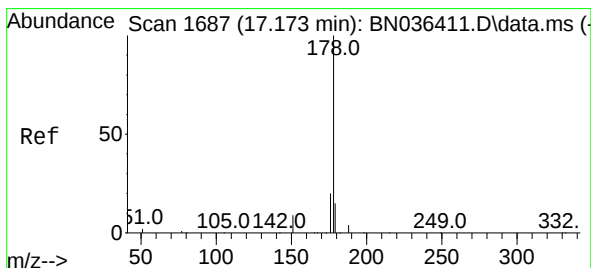
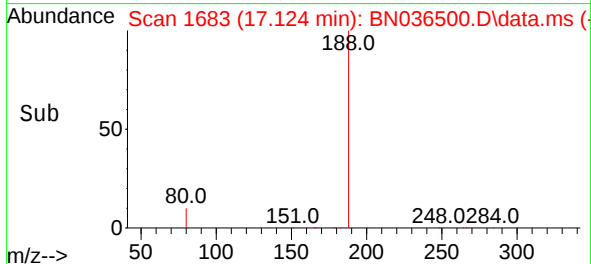
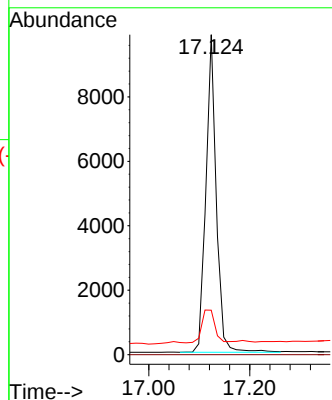
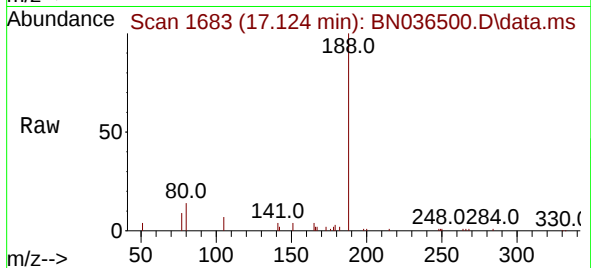
Tgt Ion:188 Resp: 14127

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

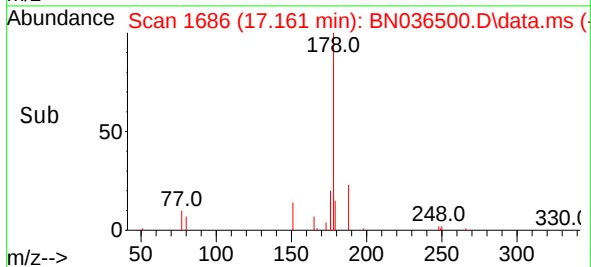
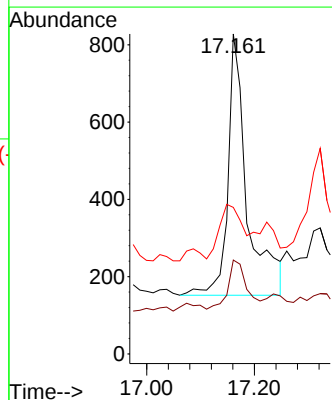
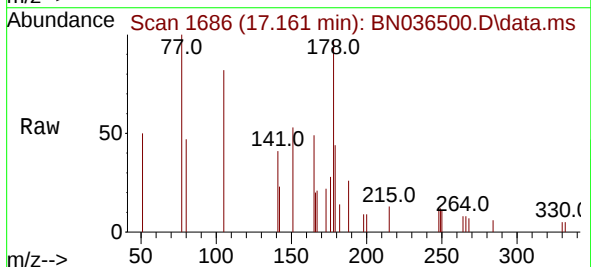
Tgt Ion:178 Resp: 1675

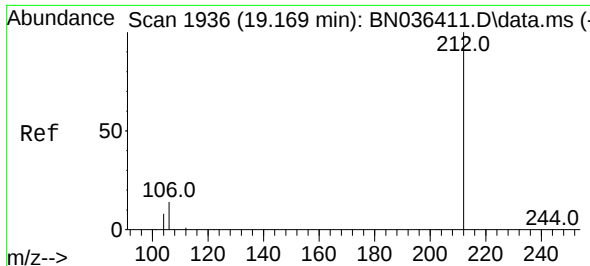
Ion Ratio Lower Upper

178 100

176 18.0 15.7 23.5

179 30.3 12.4 18.6#

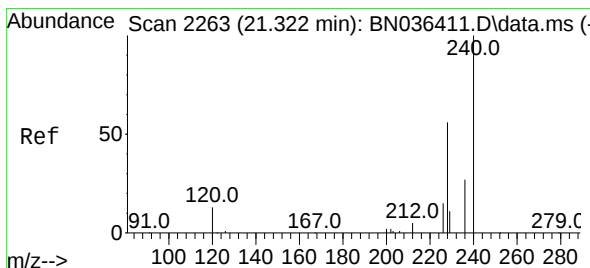
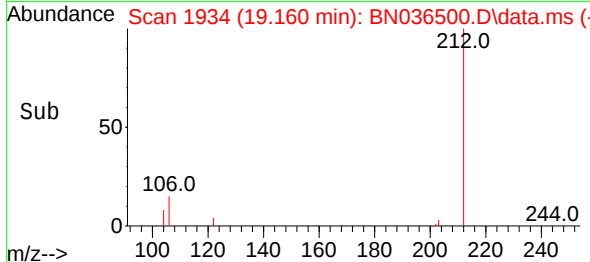
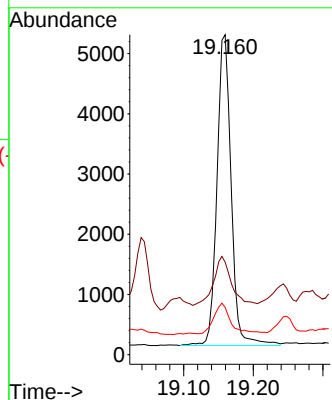
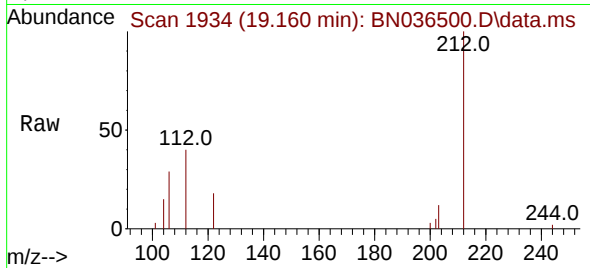




#27
Fluoranthene-d10
Concen: 0.187 ng
RT: 19.160 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

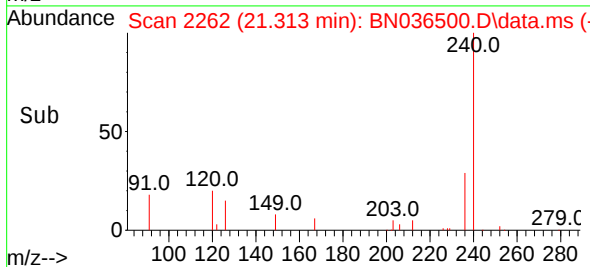
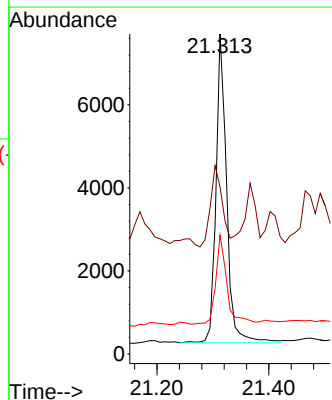
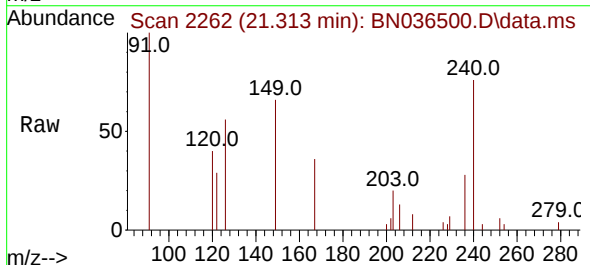
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-860-862RE

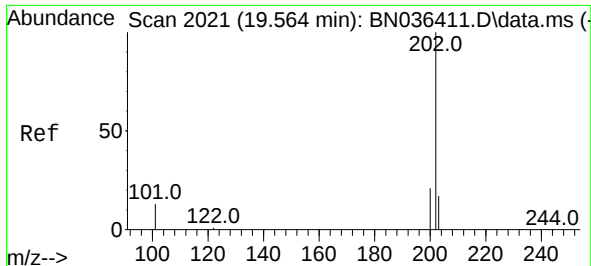
Tgt Ion:212 Resp: 7344
Ion Ratio Lower Upper
212 100
106 20.1 11.5 17.3#
104 11.4 7.1 10.7#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN036500.D
Acq: 24 Feb 2025 15:37

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#

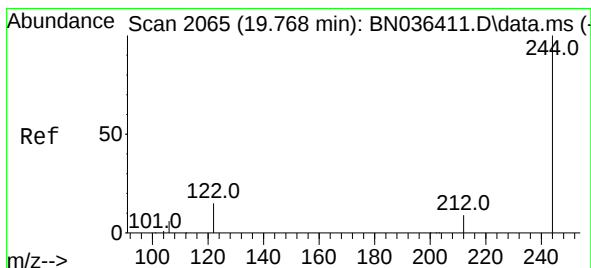
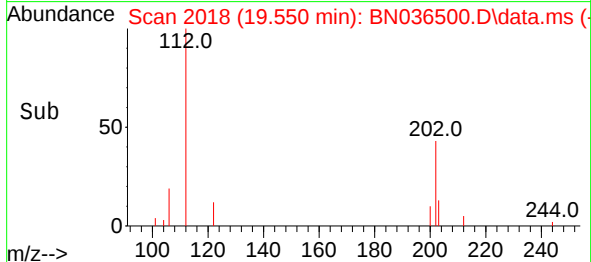
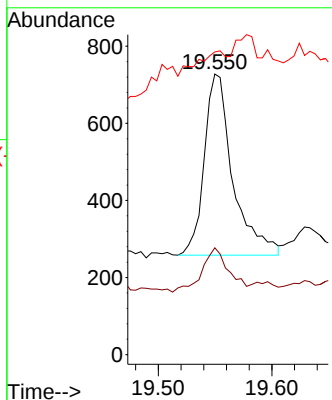
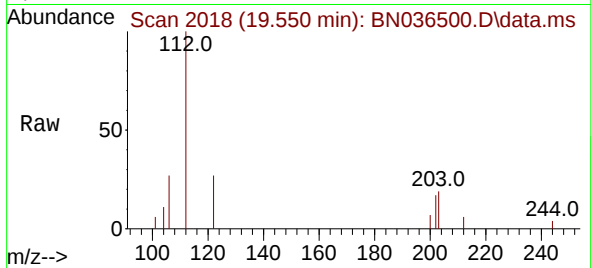




#30
 Pyrene
 Concen: 0.022 ng
 RT: 19.550 min Scan# 2021
 Delta R.T. -0.014 min
 Lab File: BN036500.D
 Acq: 24 Feb 2025 15:37

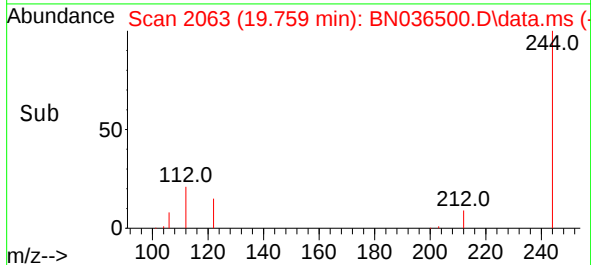
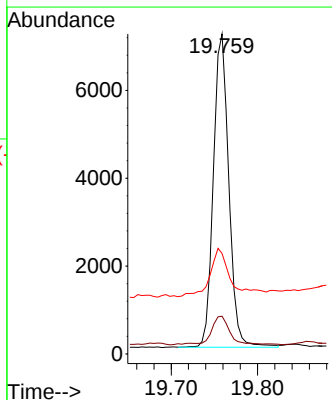
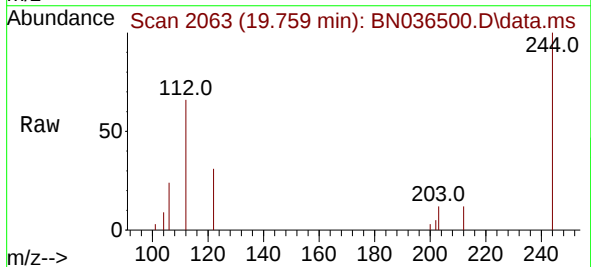
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-860-862RE

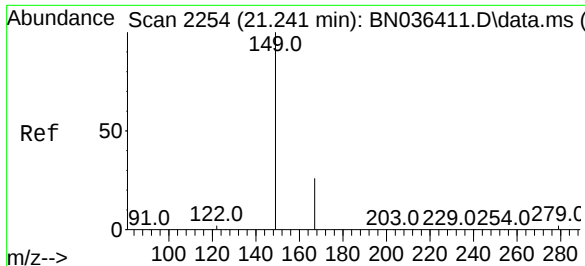
Tgt Ion:202 Resp: 822
 Ion Ratio Lower Upper
 202 100
 200 23.6 16.9 25.3
 203 0.0 13.9 20.9#



#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

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#

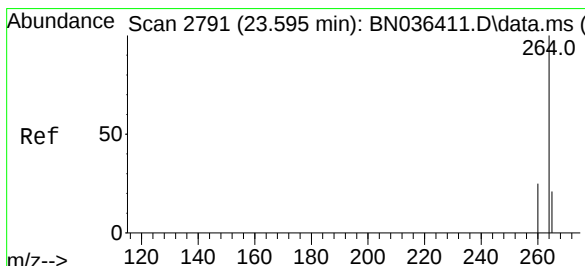
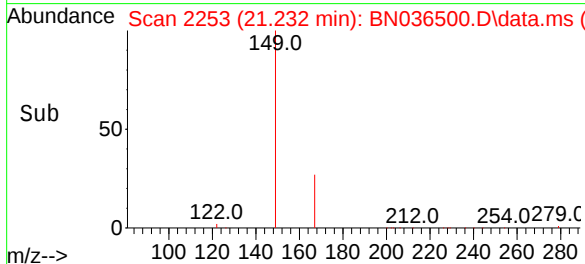
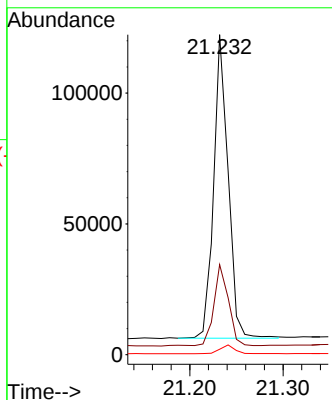
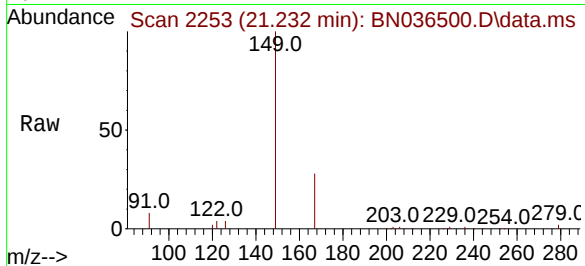




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 6.172 ng
 RT: 21.232 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036500.D
 Acq: 24 Feb 2025 15:37

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

Tgt Ion: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# 2787
 Delta R.T. -0.012 min
 Lab File: BN036500.D
 Acq: 24 Feb 2025 15:37

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#

