

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
 Data File : BN036446.D
 Acq On : 12 Feb 2025 18:48
 Operator : RC/JU
 Sample : Q1347-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-660-662

Quant Time: Feb 12 23:16:32 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)

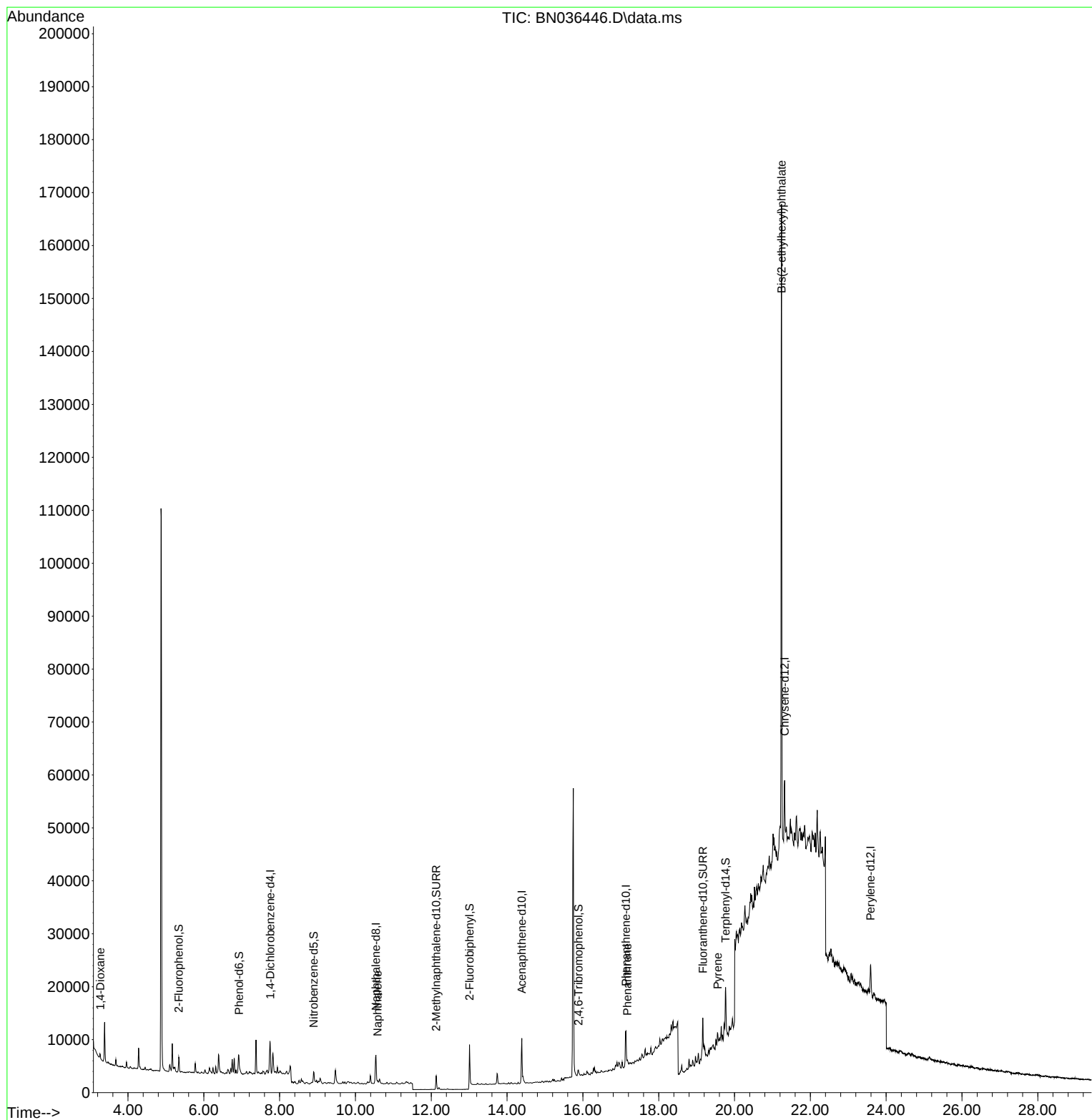
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	2854	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	7661	0.400	ng	# 0.00
13) Acenaphthene-d10	14.387	164	4758	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	10555	0.400	ng	0.00
29) Chrysene-d12	21.322	240	9596	0.400	ng	# 0.00
35) Perylene-d12	23.589	264	8144	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	1793	0.266	ng	0.00
5) Phenol-d6	6.930	99	2052	0.259	ng	0.00
8) Nitrobenzene-d5	8.896	82	2160	0.286	ng	-0.01
11) 2-Methylnaphthalene-d10	12.131	152	3756	0.319	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	689	0.292	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	6874	0.384	ng	-0.01
27) Fluoranthene-d10	19.164	212	8713	0.297	ng	0.00
31) Terphenyl-d14	19.763	244	7417	0.362	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.268	88	525	0.168	ng	# 68
9) Naphthalene	10.583	128	830	0.038	ng	# 73
25) Phenanthrene	17.173	178	1097	0.036	ng	# 78
30) Pyrene	19.559	202	945	0.026	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.241	149	111354	5.660	ng	99

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

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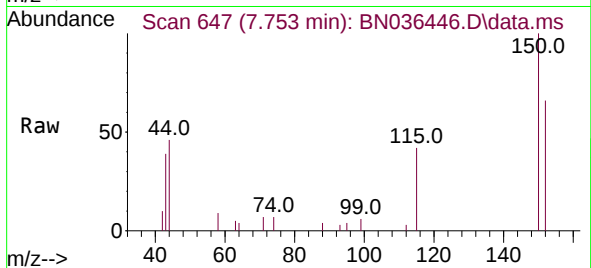
Quant Time: Feb 12 23:16:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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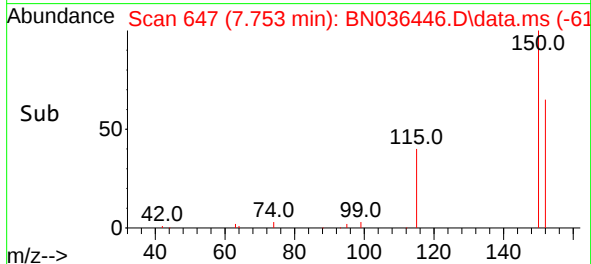
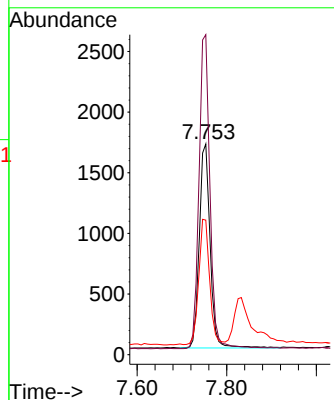
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.753 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036446.D
 Acq: 12 Feb 2025 18:48

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-660-662



Tgt Ion: 152 Resp: 2854

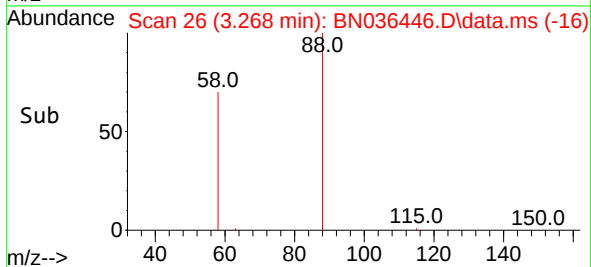
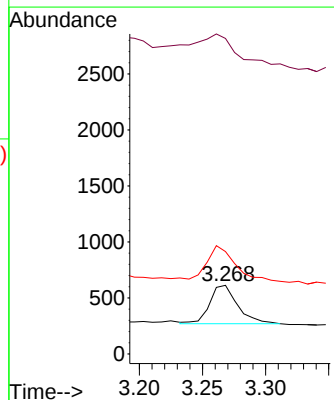
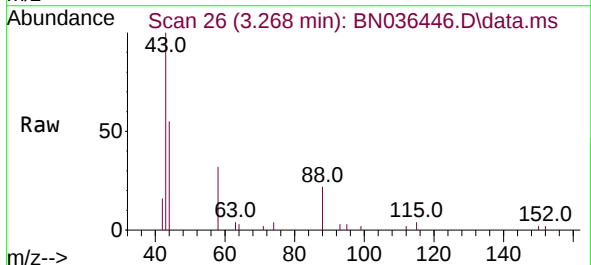
Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.7	185.5
115	63.9	52.5	78.7

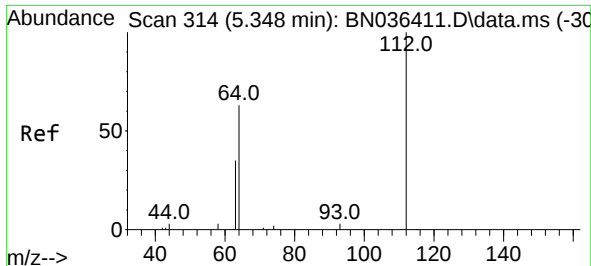


#2
 1,4-Dioxane
 Concen: 0.168 ng
 RT: 3.268 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: BN036446.D
 Acq: 12 Feb 2025 18:48

Tgt Ion: 88 Resp: 525

Ion	Ratio	Lower	Upper
88	100		
43	94.7	33.7	50.5
58	92.4	68.9	103.3

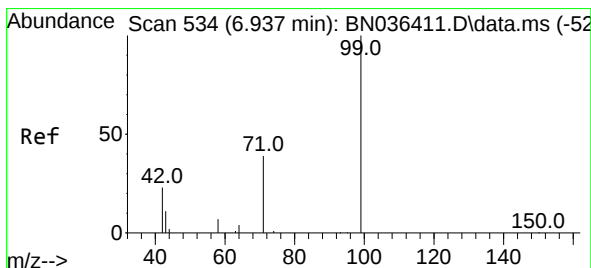
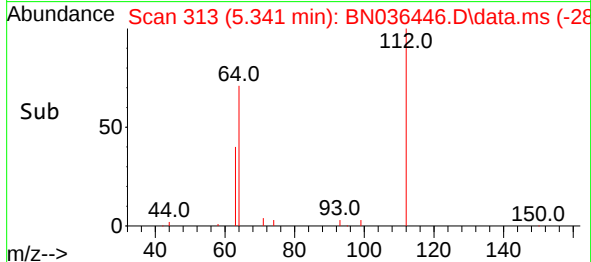
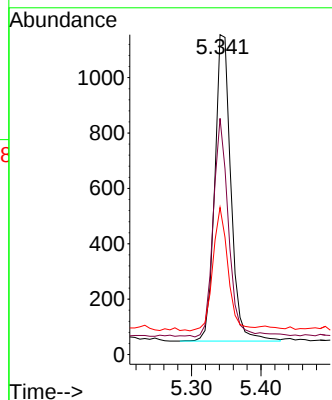
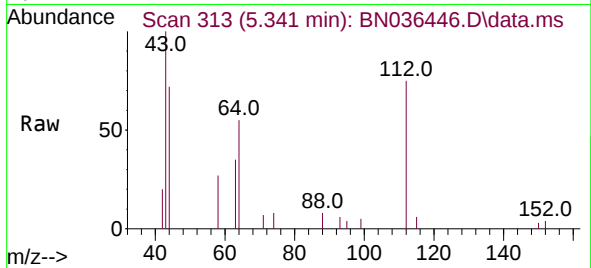




#4
2-Fluorophenol
Concen: 0.266 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN036446.D
Acq: 12 Feb 2025 18:48

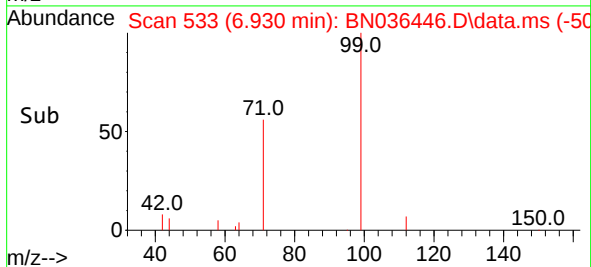
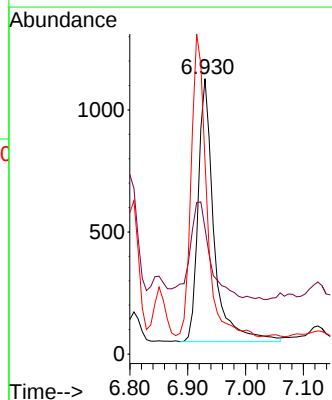
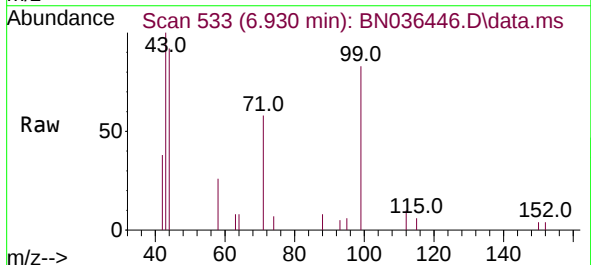
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-660-662

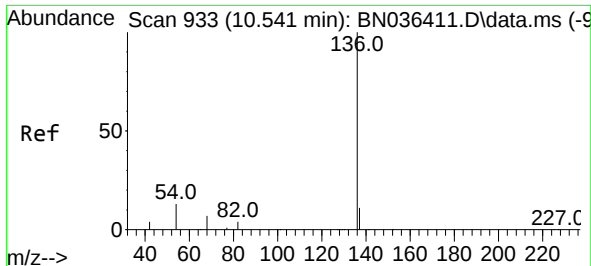
Tgt Ion:112 Resp: 1793
Ion Ratio Lower Upper
112 100
64 68.7 53.4 80.0
63 37.9 30.3 45.5



#5
Phenol-d6
Concen: 0.259 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN036446.D
Acq: 12 Feb 2025 18:48

Tgt Ion: 99 Resp: 2052
Ion Ratio Lower Upper
99 100
42 48.1 21.7 32.5#
71 111.3 32.6 49.0#

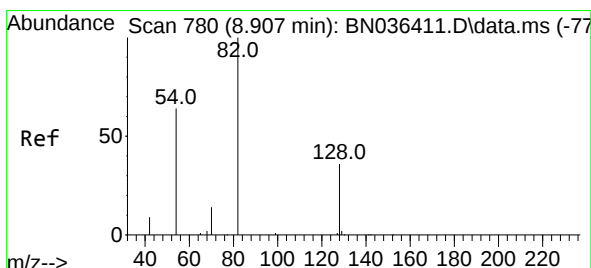
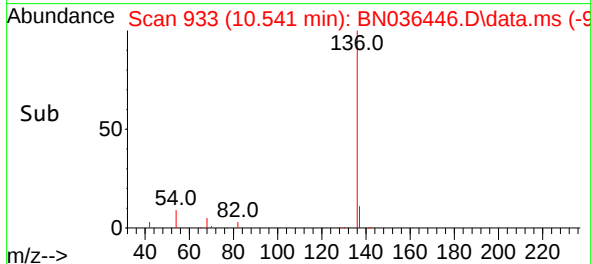
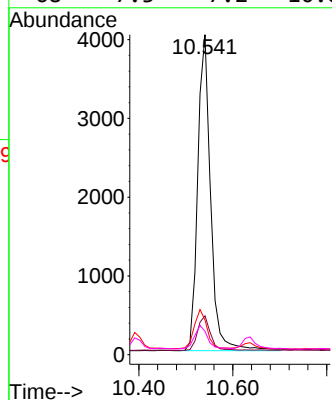
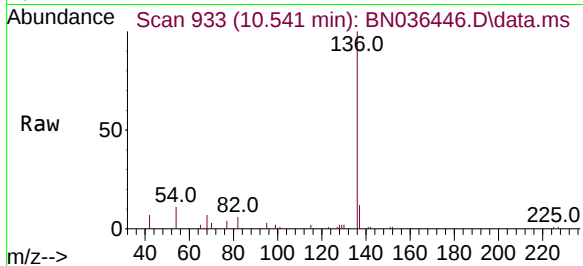




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036446.D
Acq: 12 Feb 2025 18:48

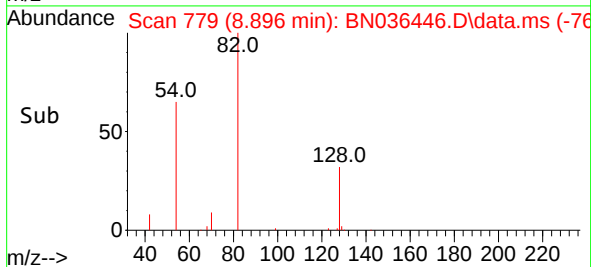
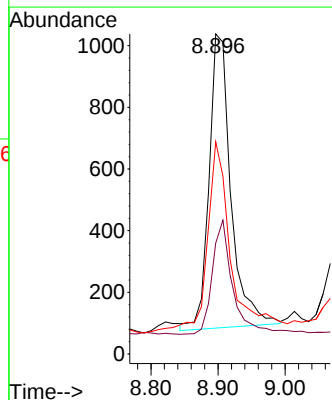
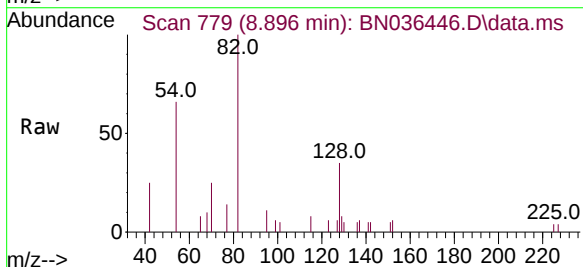
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-660-662

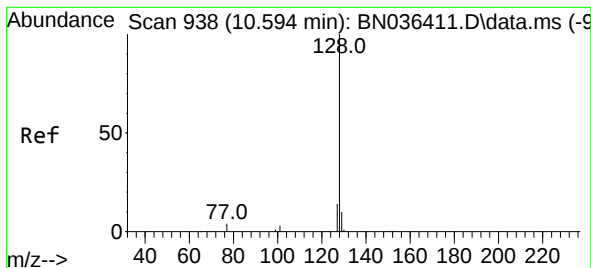
Tgt Ion:	136	Resp:	7661
Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.1	15.1
54	10.8	11.8	17.6#
68	7.3	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.896 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036446.D
Acq: 12 Feb 2025 18:48

Tgt Ion:	82	Resp:	2160
Ion	Ratio	Lower	Upper
82	100		
128	34.7	31.9	47.9
54	66.3	53.1	79.7





#9

Naphthalene

Concen: 0.038 ng

RT: 10.583 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN036446.D

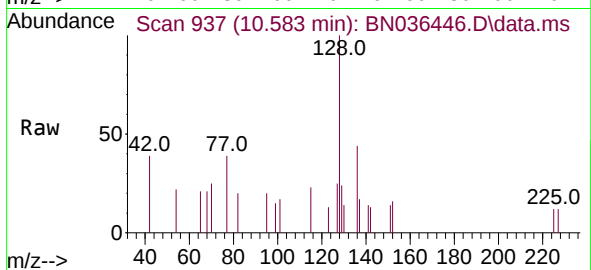
Acq: 12 Feb 2025 18:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-660-662



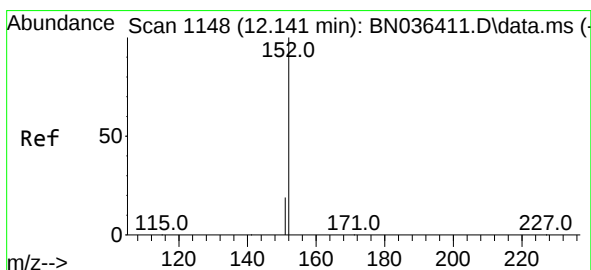
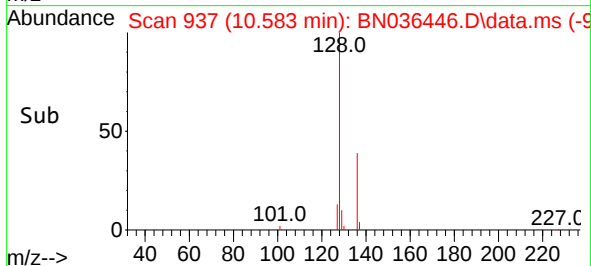
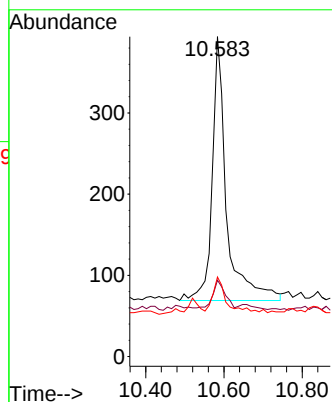
Tgt Ion:128 Resp: 830

Ion Ratio Lower Upper

128 100

129 23.9 9.6 14.4#

127 24.9 12.0 18.0#



#11

2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 12.131 min Scan# 1146

Delta R.T. -0.010 min

Lab File: BN036446.D

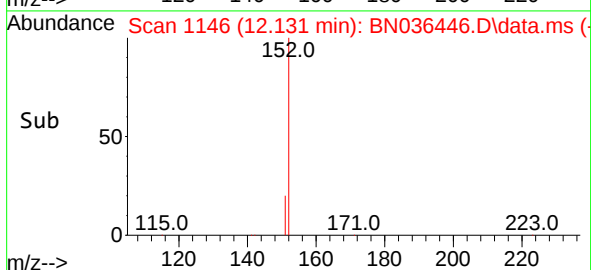
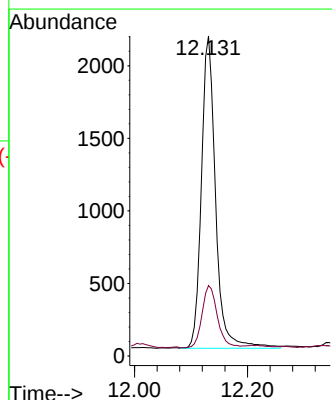
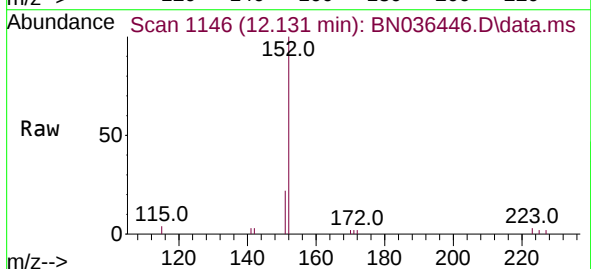
Acq: 12 Feb 2025 18:48

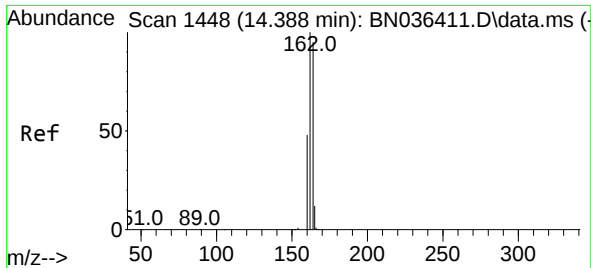
Tgt Ion:152 Resp: 3756

Ion Ratio Lower Upper

152 100

151 21.6 16.6 25.0

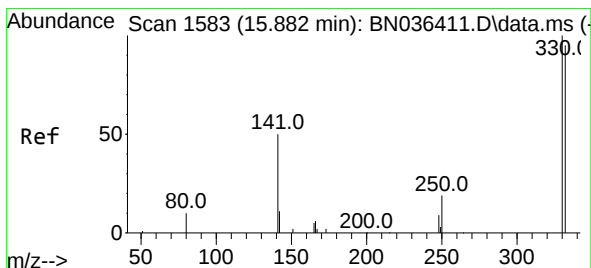
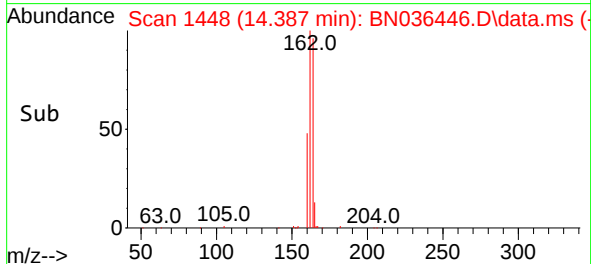
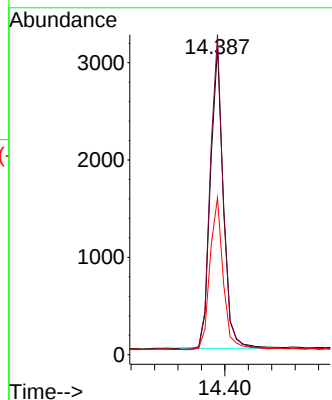
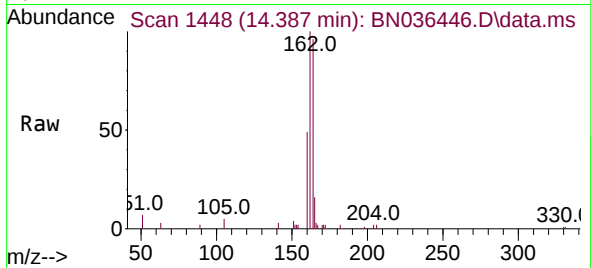




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN036446.D
Acq: 12 Feb 2025 18:48

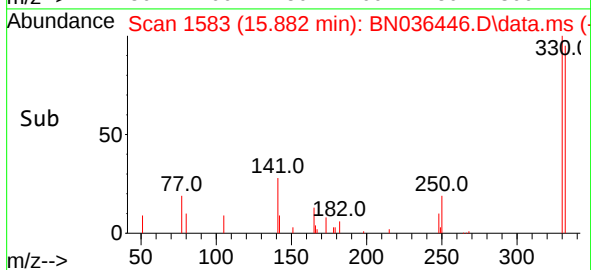
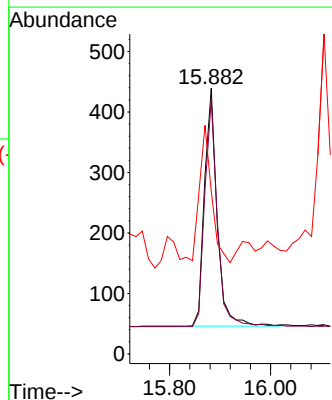
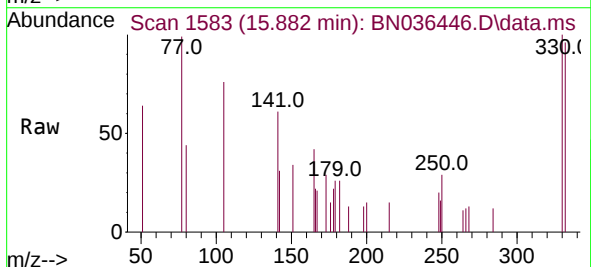
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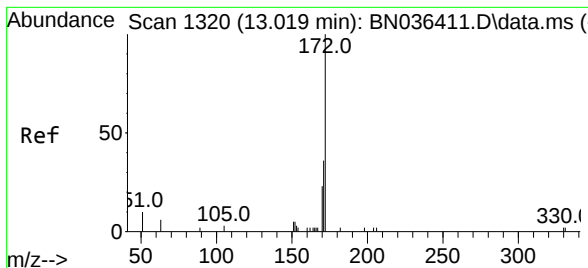
Tgt Ion:164 Resp: 4758
Ion Ratio Lower Upper
164 100
162 104.0 84.1 126.1
160 51.0 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BN036446.D
Acq: 12 Feb 2025 18:48

Tgt Ion:330 Resp: 689
Ion Ratio Lower Upper
330 100
332 95.8 76.6 114.8
141 55.7 37.8 56.8





#15

2-Fluorobiphenyl

Concen: 0.384 ng

RT: 13.008 min Scan# 1319

Delta R.T. -0.011 min

Lab File: BN036446.D

Acq: 12 Feb 2025 18:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-660-662

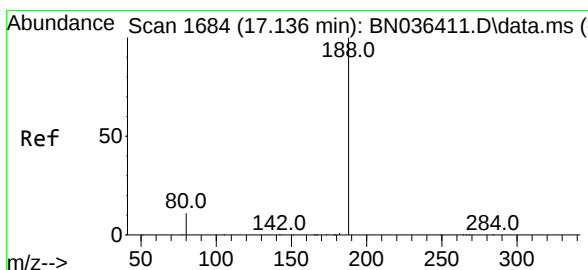
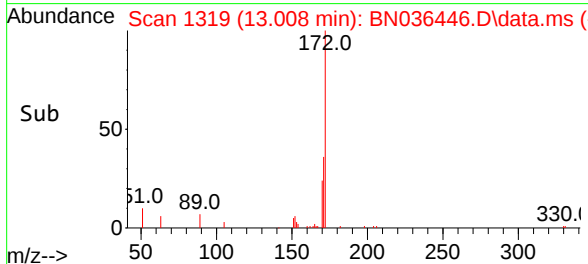
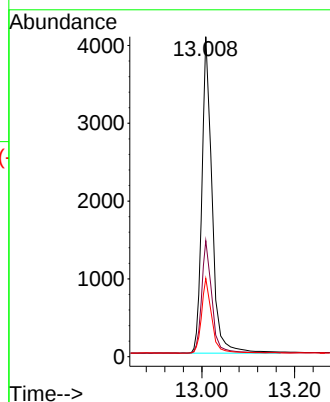
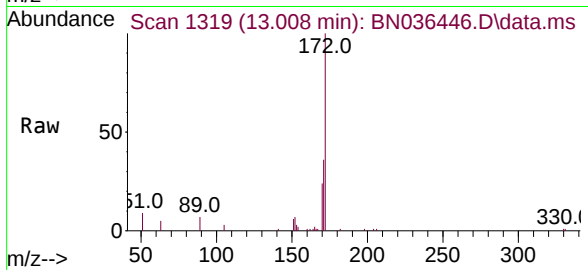
Tgt Ion:172 Resp: 6874

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

170 24.5 19.8 29.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.136 min Scan# 1684

Delta R.T. -0.000 min

Lab File: BN036446.D

Acq: 12 Feb 2025 18:48

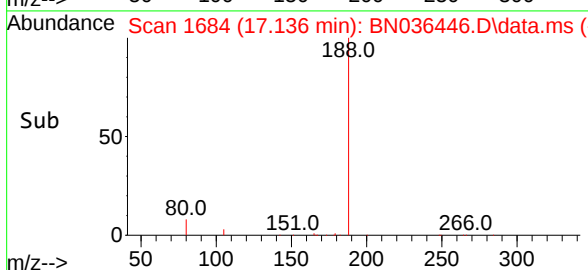
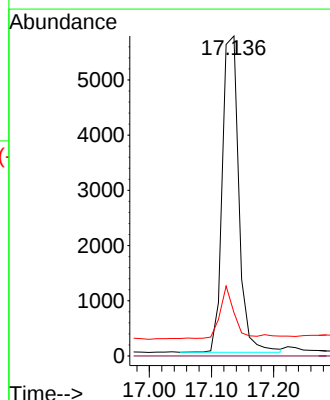
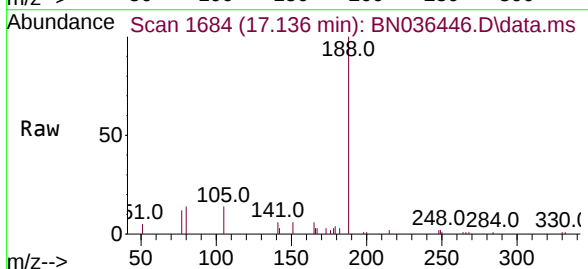
Tgt Ion:188 Resp: 10555

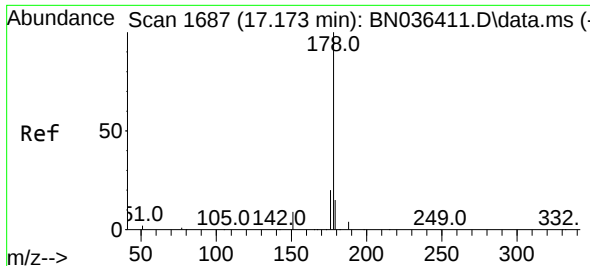
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 9.8 14.6

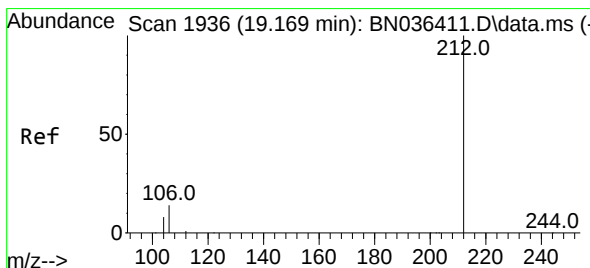
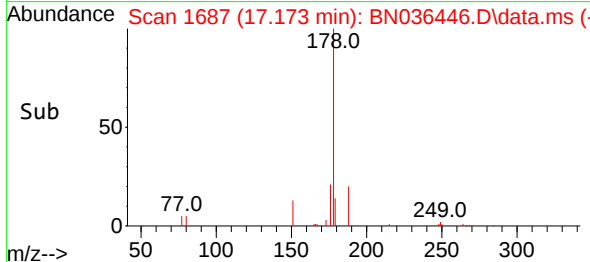
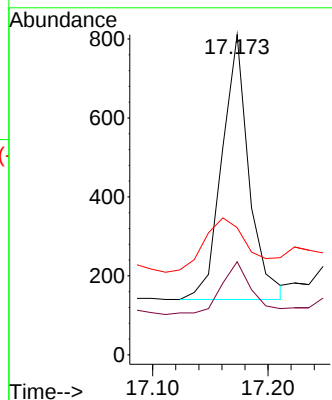
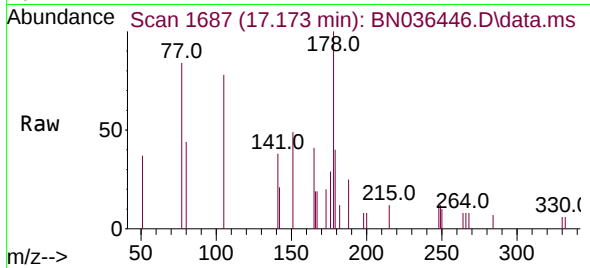




#25
Phenanthrene
Concen: 0.036 ng
RT: 17.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036446.D
Acq: 12 Feb 2025 18:48

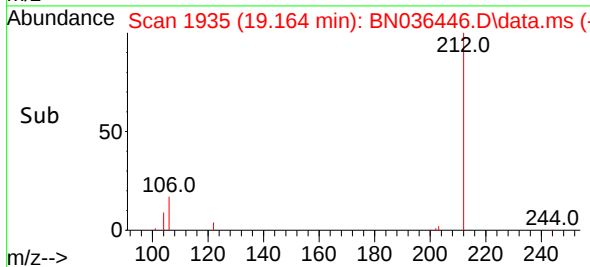
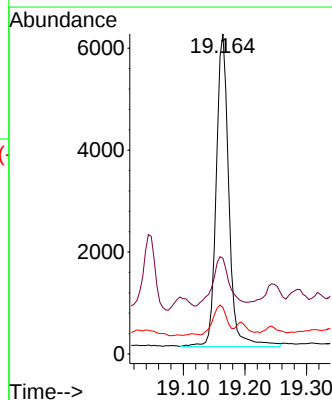
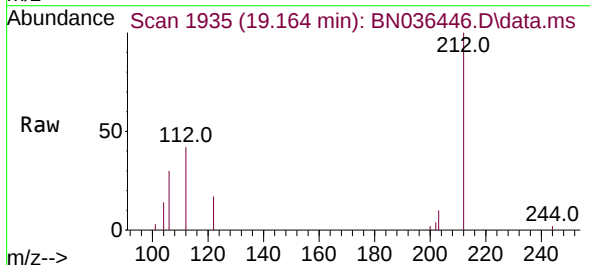
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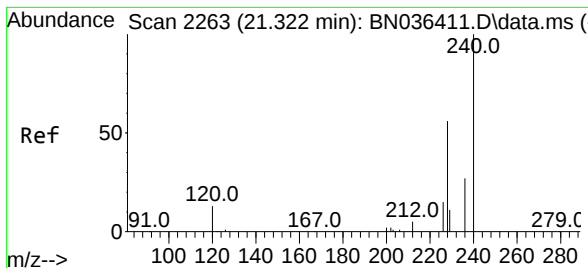
Tgt Ion:178 Resp: 1097
Ion Ratio Lower Upper
178 100
176 22.9 15.7 23.5
179 32.3 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.297 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN036446.D
Acq: 12 Feb 2025 18:48

Tgt Ion:212 Resp: 8713
Ion Ratio Lower Upper
212 100
106 20.8 11.5 17.3#
104 10.6 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.322 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036446.D

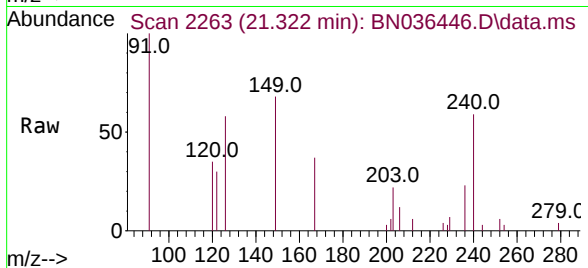
Acq: 12 Feb 2025 18:48

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-660-662



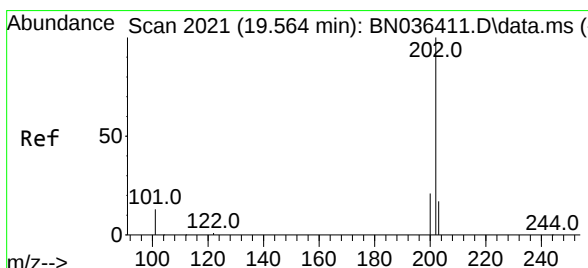
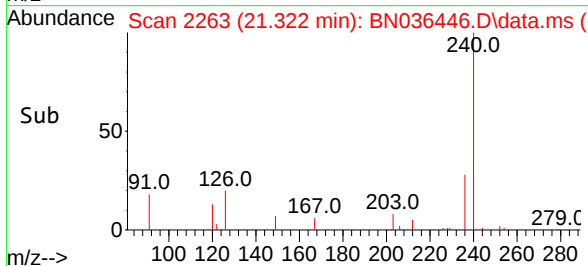
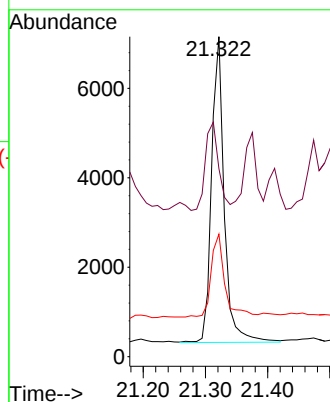
Tgt Ion:240 Resp: 9596

Ion Ratio Lower Upper

240 100

120 58.8 13.3 19.9#

236 38.3 23.0 34.6#



#30

Pyrene

Concen: 0.026 ng

RT: 19.559 min Scan# 2020

Delta R.T. -0.005 min

Lab File: BN036446.D

Acq: 12 Feb 2025 18:48

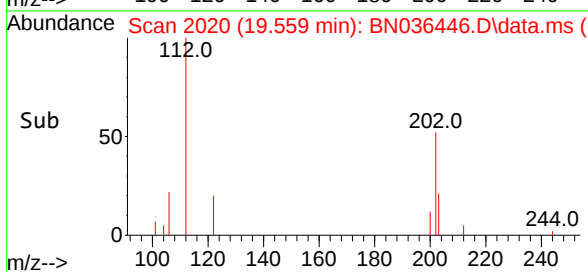
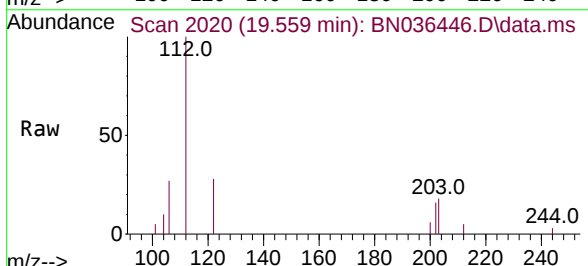
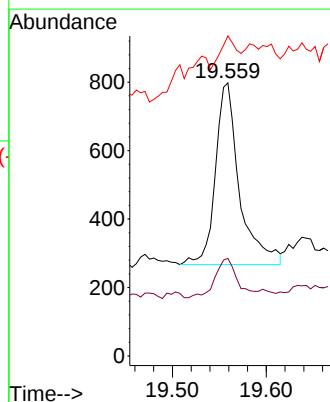
Tgt Ion:202 Resp: 945

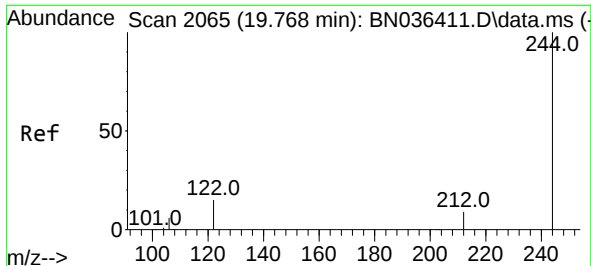
Ion Ratio Lower Upper

202 100

200 20.0 16.9 25.3

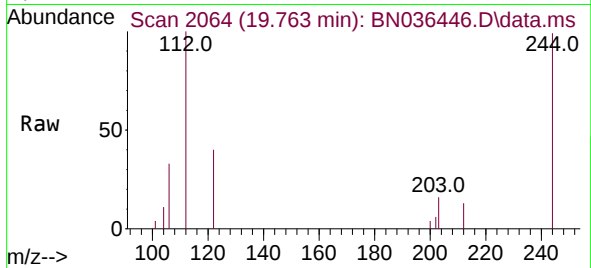
203 12.3 13.9 20.9#



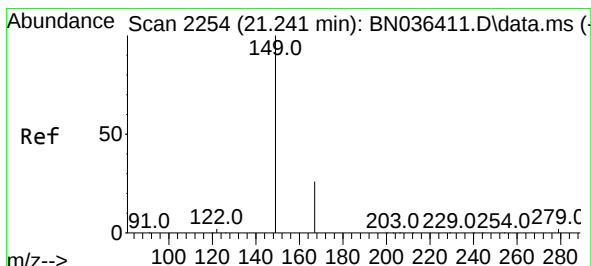
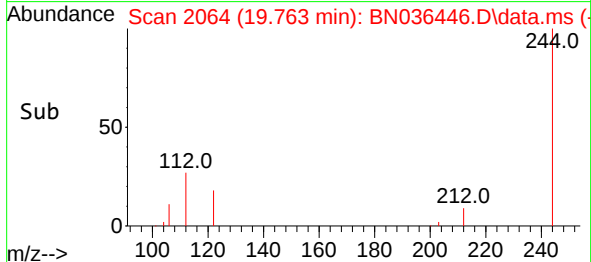
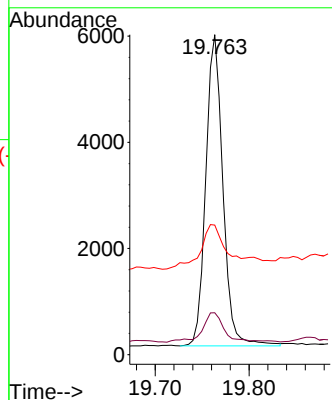


#31
 Terphenyl-d14
 Concen: 0.362 ng
 RT: 19.763 min Scan# 2064
 Delta R.T. -0.005 min
 Lab File: BN036446.D
 Acq: 12 Feb 2025 18:48

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-660-662

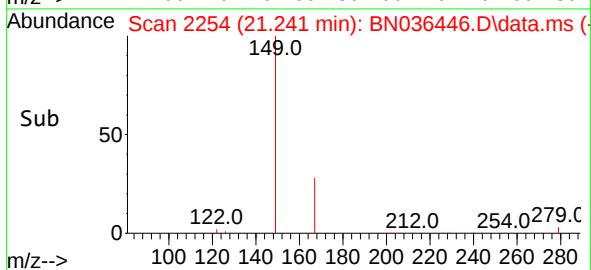
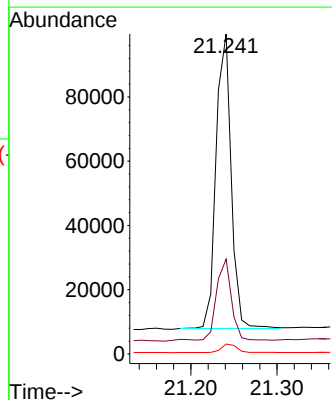
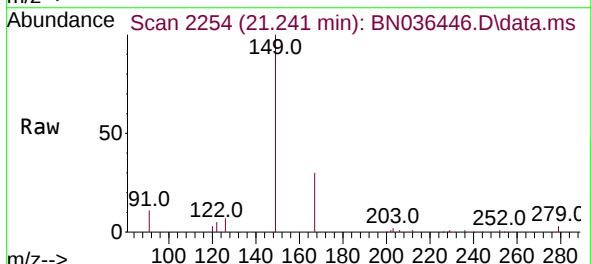


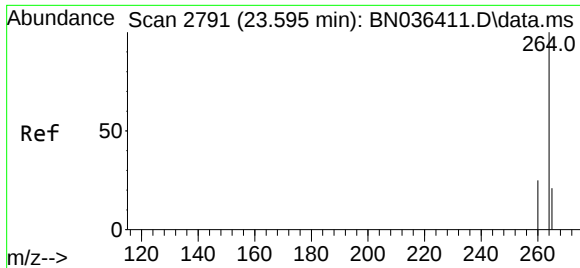
Tgt Ion:244 Resp: 7417
 Ion Ratio Lower Upper
 244 100
 212 13.1 8.1 12.1#
 122 40.5 12.8 19.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 5.660 ng
 RT: 21.241 min Scan# 2254
 Delta R.T. -0.000 min
 Lab File: BN036446.D
 Acq: 12 Feb 2025 18:48

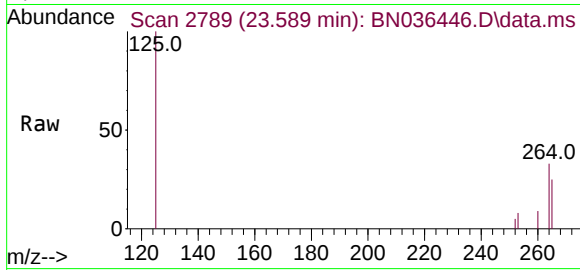
Tgt Ion:149 Resp: 111354
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.2 31.8
 279 2.9 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN036446.D
 Acq: 12 Feb 2025 18:48

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-660-662



Tgt Ion: 264 Resp: 8144

Ion	Ratio	Lower	Upper
264	100		
260	28.9	20.9	31.3
265	75.1	60.7	91.1

