

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037892.D
 Acq On : 25 Sep 2025 17:01
 Operator : RC/JU
 Sample : Q3141-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-220-222

Quant Time: Sep 25 17:26:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

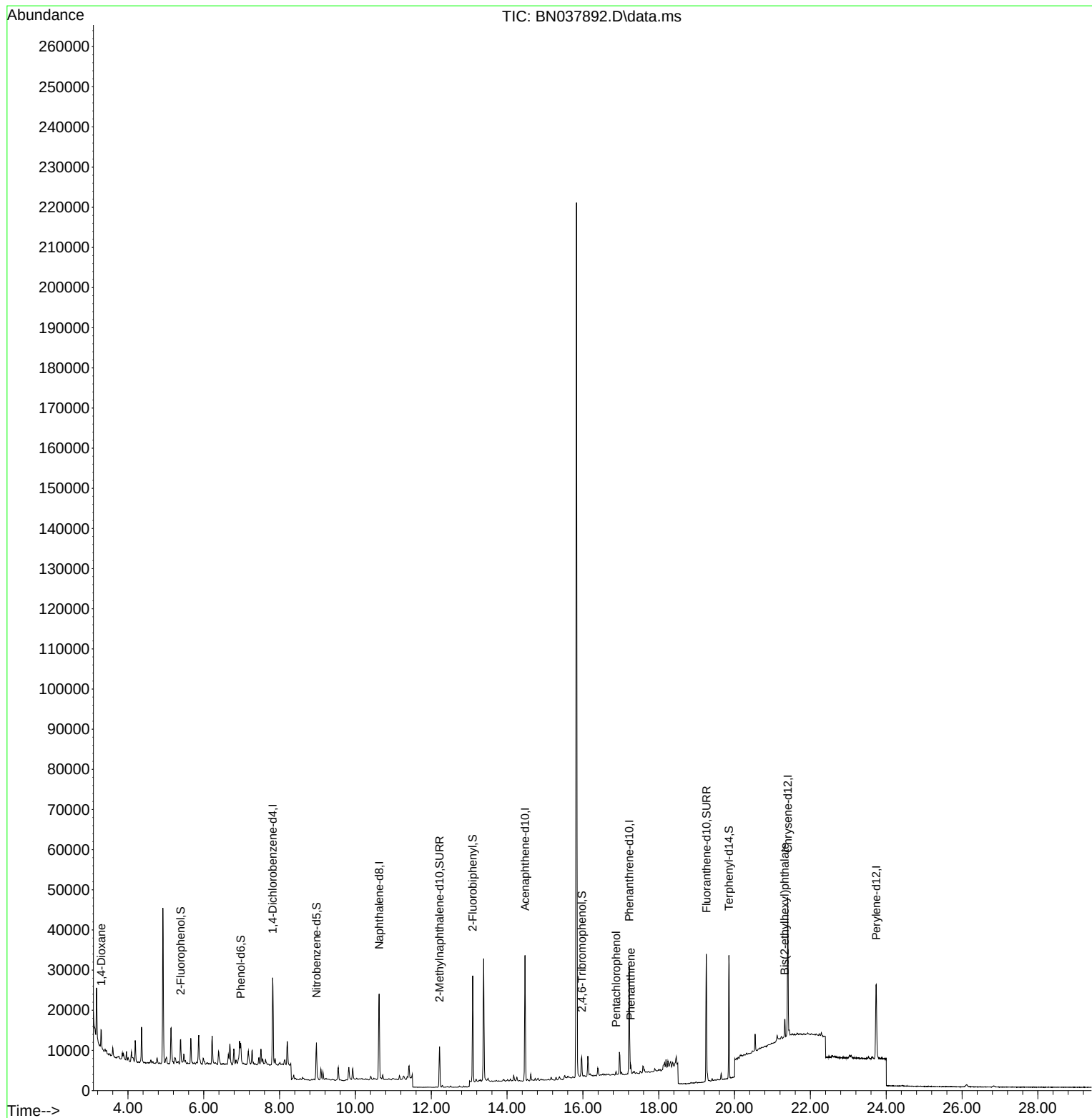
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	9376	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	28623	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	16601	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	34086	0.400	ng	0.00
29) Chrysene-d12	21.402	240	29285	0.400	ng	# 0.00
35) Perylene-d12	23.736	264	25119	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	4690	0.219	ng	0.00
5) Phenol-d6	6.973	99	4382	0.156	ng	0.00
8) Nitrobenzene-d5	8.971	82	7171	0.328	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	13372	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	3039	0.483	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	21747	0.320	ng	0.00
27) Fluoranthene-d10	19.257	212	34849	0.406	ng	0.00
31) Terphenyl-d14	19.852	244	28946	0.496	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	3134	0.329	ng	# 73
24) Pentachlorophenol	16.876	266	438	0.047	ng	87
25) Phenanthrene	17.260	178	2277	0.020	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.322	149	5069	0.125	ng	# 98

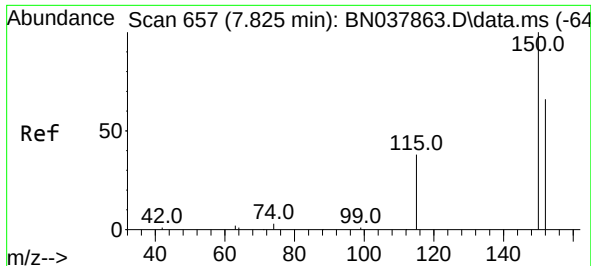
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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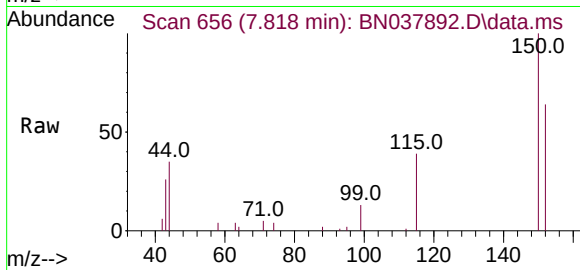
Quant Time: Sep 25 17:26:24 2025
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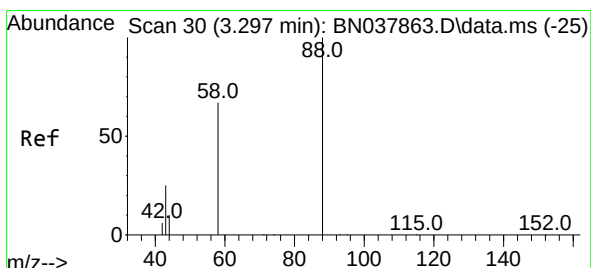
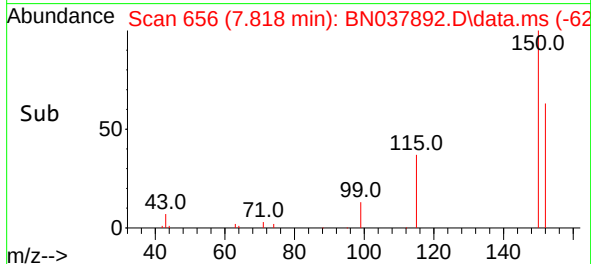
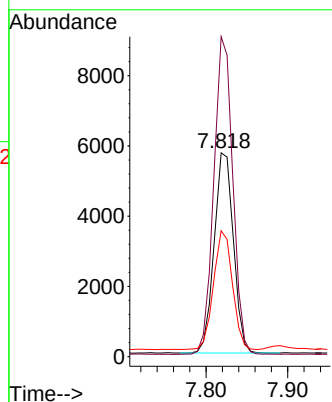


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037892.D
 Acq: 25 Sep 2025 17:01

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-220-222

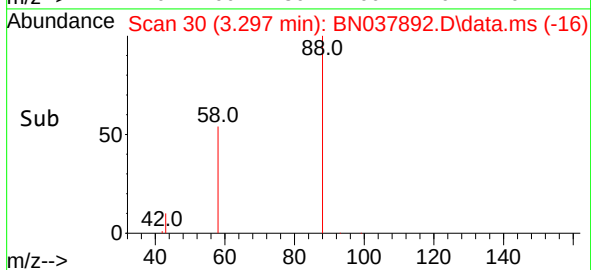
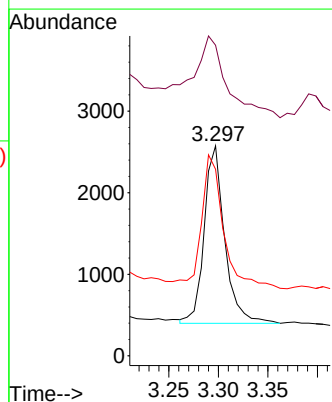
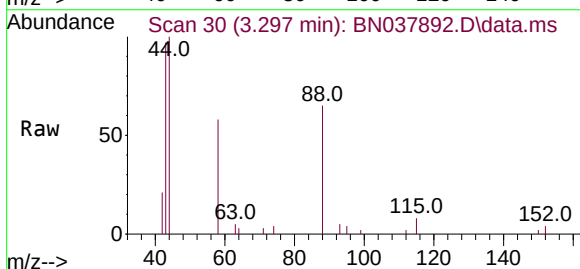


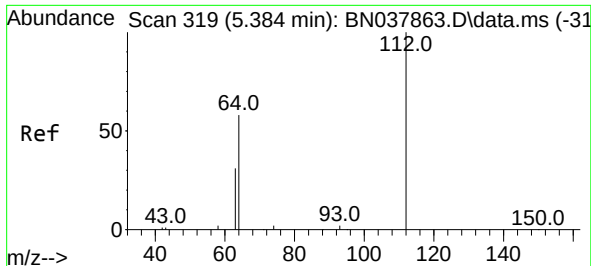
Tgt Ion:152 Resp: 9376
 Ion Ratio Lower Upper
 152 100
 150 157.1 121.0 181.4
 115 61.7 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.329 ng
 RT: 3.297 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN037892.D
 Acq: 25 Sep 2025 17:01

Tgt Ion: 88 Resp: 3134
 Ion Ratio Lower Upper
 88 100
 43 72.3 26.6 39.8#
 58 81.0 58.9 88.3

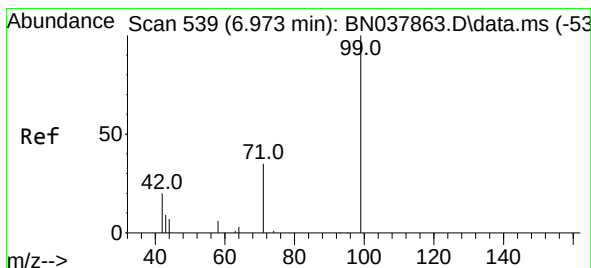
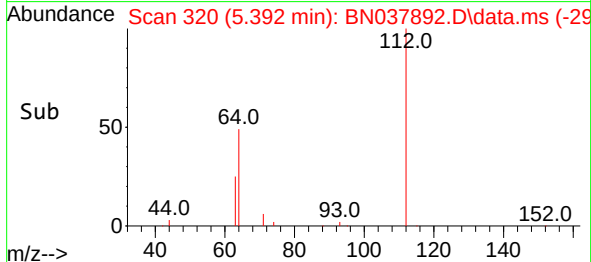
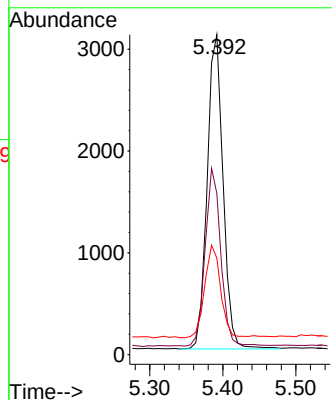
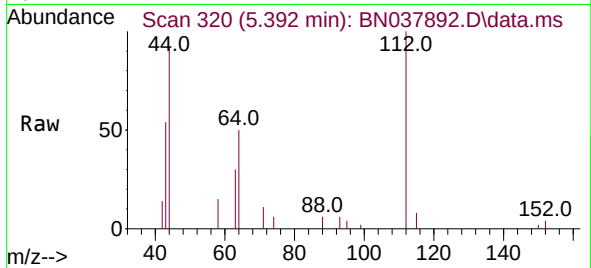




#4
2-Fluorophenol
Concen: 0.219 ng
RT: 5.392 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN037892.D
Acq: 25 Sep 2025 17:01

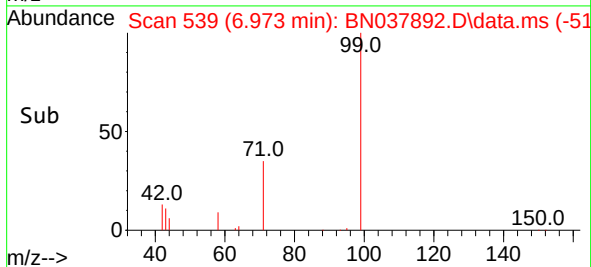
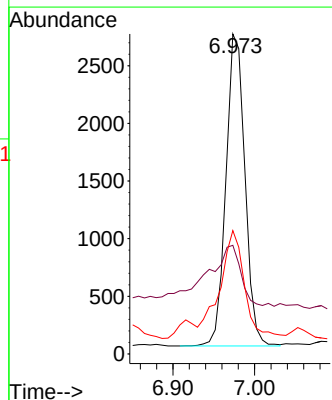
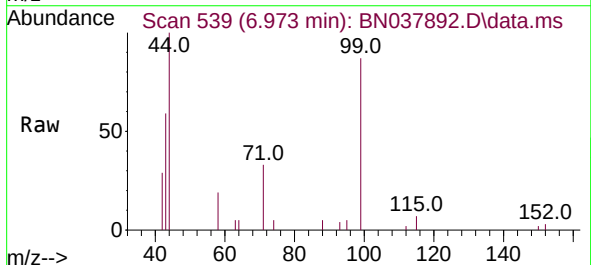
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-220-222

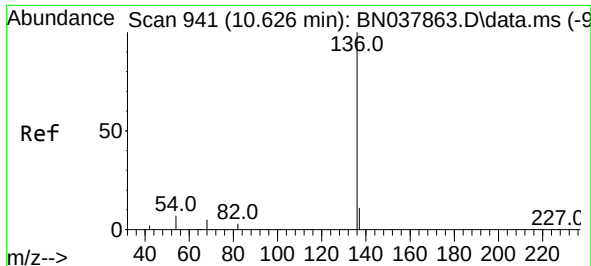
Tgt Ion:112 Resp: 4690
Ion Ratio Lower Upper
112 100
64 55.0 44.6 66.8
63 29.5 24.9 37.3



#5
Phenol-d6
Concen: 0.156 ng
RT: 6.973 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037892.D
Acq: 25 Sep 2025 17:01

Tgt Ion: 99 Resp: 4382
Ion Ratio Lower Upper
99 100
42 35.8 17.2 25.8#
71 46.2 27.3 40.9#

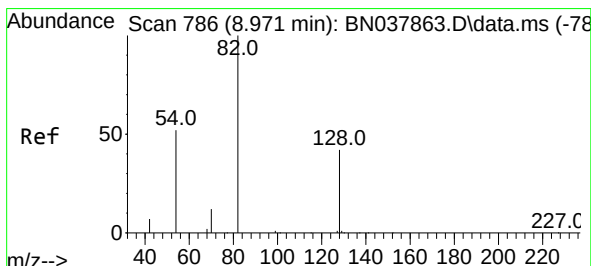
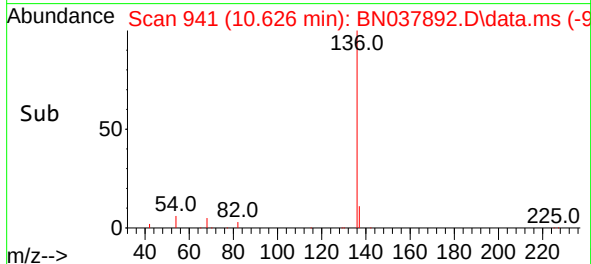
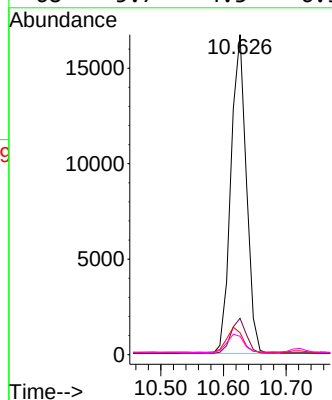
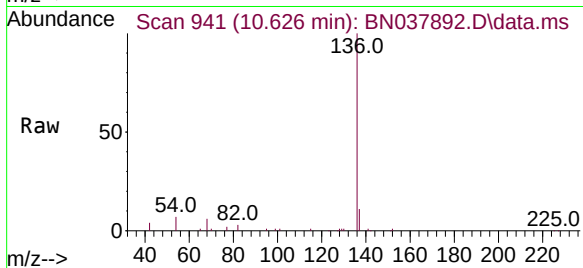




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN037892.D
Acq: 25 Sep 2025 17:01

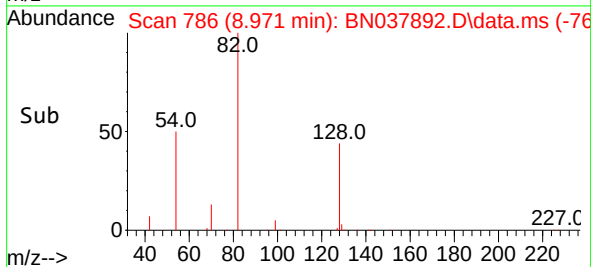
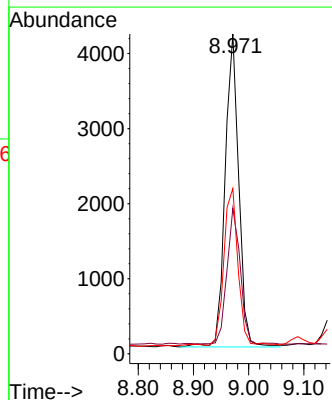
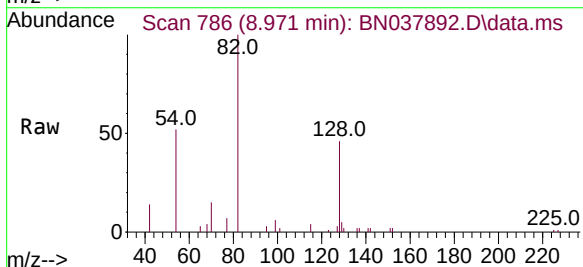
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-220-222

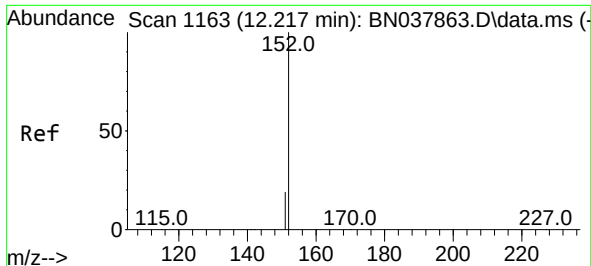
Tgt Ion:	136	Resp:	28623
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.8	5.8	8.8
68	5.7	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN037892.D
Acq: 25 Sep 2025 17:01

Tgt Ion:	82	Resp:	7171
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.8	52.2
54	51.7	42.2	63.2

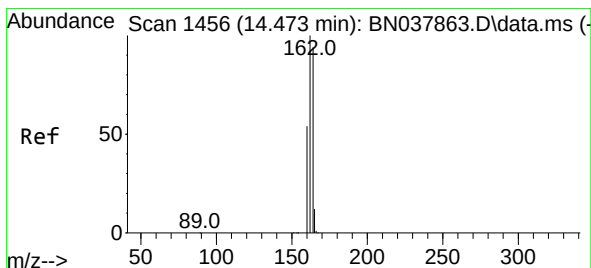
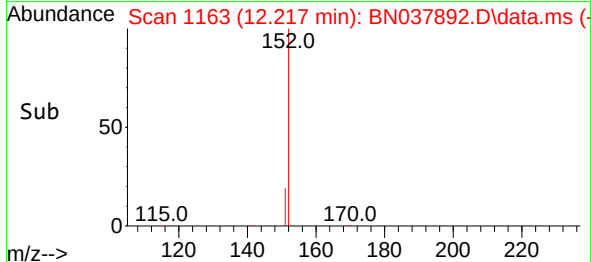
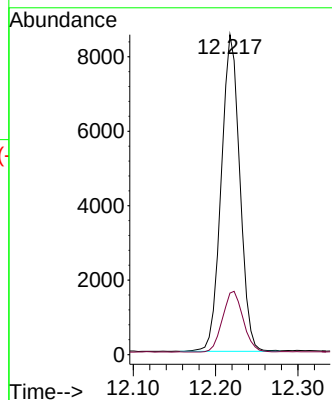
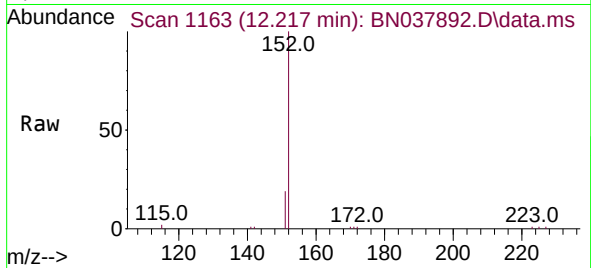




#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.217 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN037892.D
Acq: 25 Sep 2025 17:01

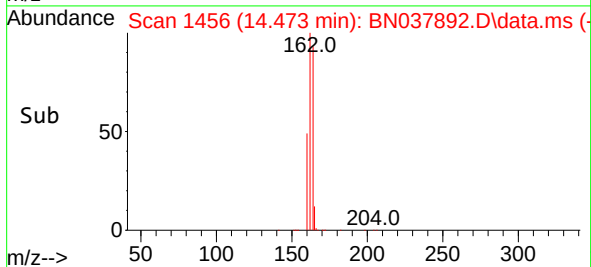
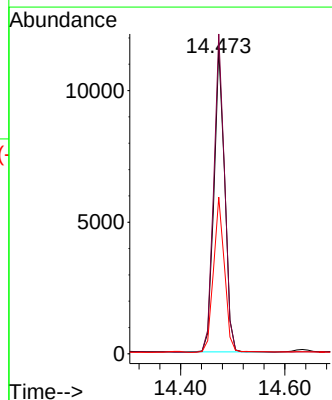
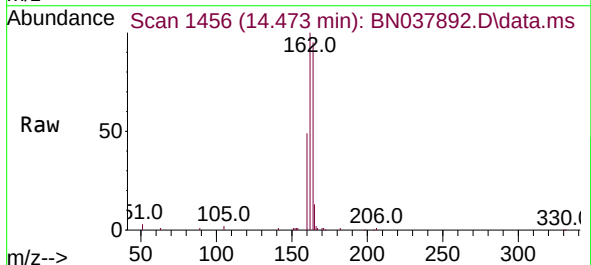
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-220-222

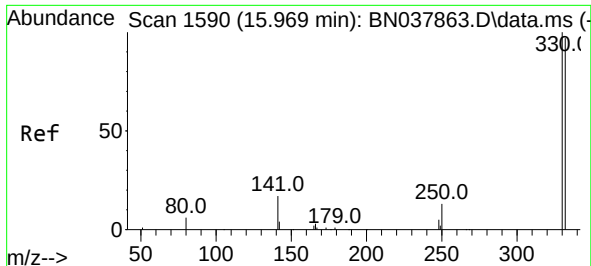
Tgt Ion:152 Resp: 13372
Ion Ratio Lower Upper
152 100
151 21.2 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037892.D
Acq: 25 Sep 2025 17:01

Tgt Ion:164 Resp: 16601
Ion Ratio Lower Upper
164 100
162 105.1 84.8 127.2
160 51.5 46.1 69.1

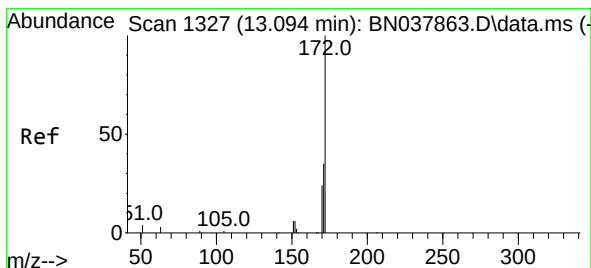
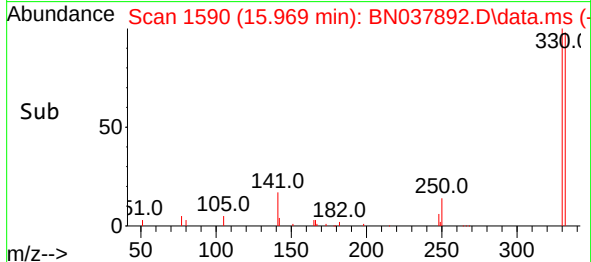
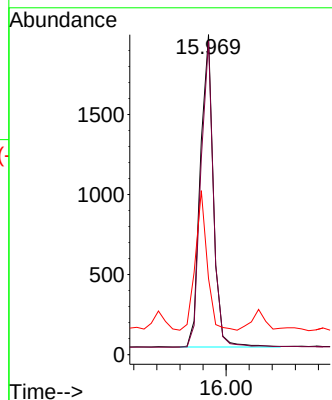
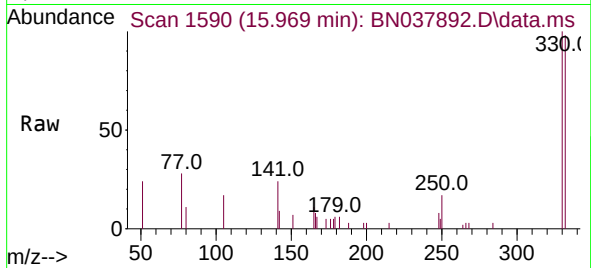




#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037892.D
Acq: 25 Sep 2025 17:01

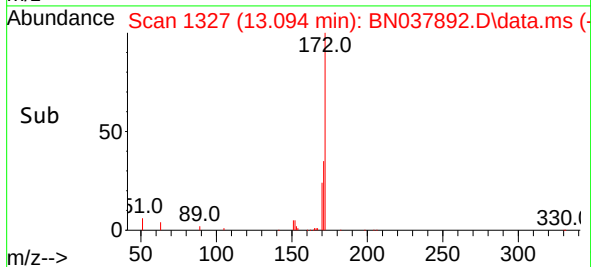
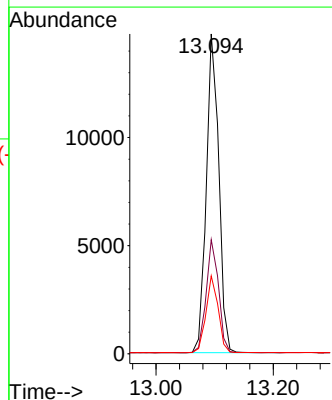
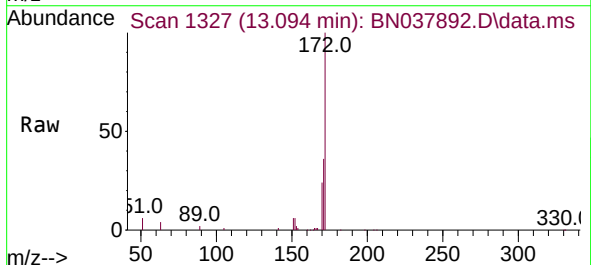
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BNA_N
ClientSampleId :
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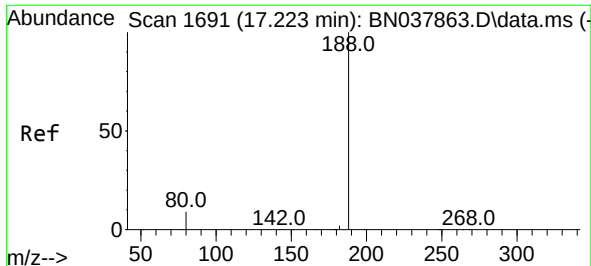
Tgt Ion: 330 Resp: 3039
Ion Ratio Lower Upper
330 100
332 95.6 77.2 115.8
141 40.6 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 13.094 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BN037892.D
Acq: 25 Sep 2025 17:01

Tgt Ion: 172 Resp: 21747
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.4 19.7 29.5

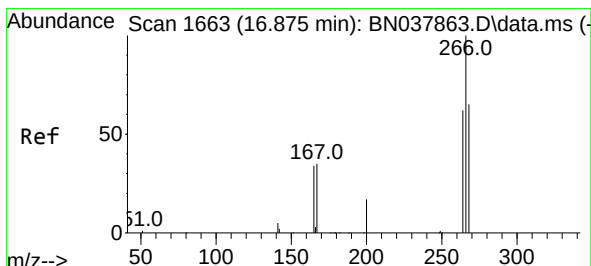
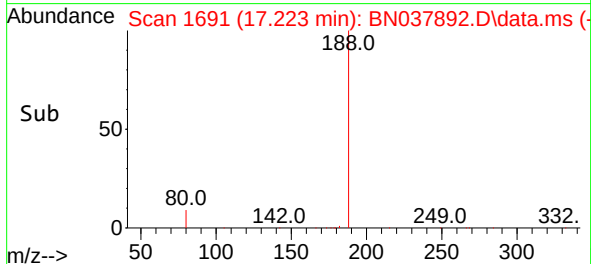
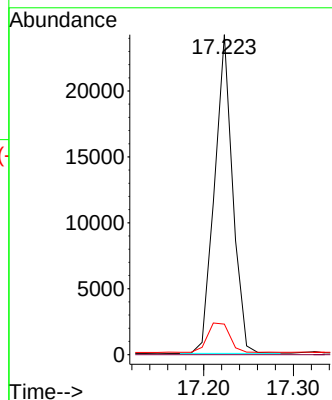
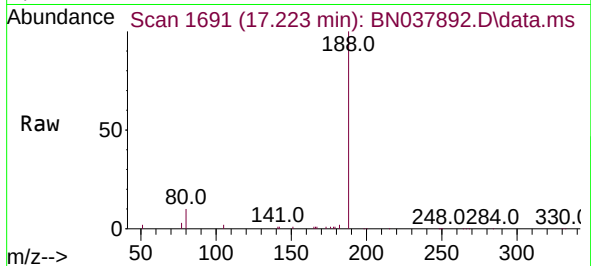




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN037892.D
Acq: 25 Sep 2025 17:01

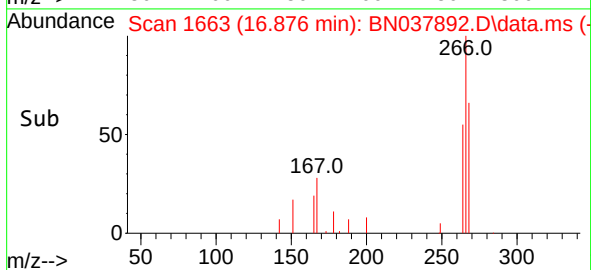
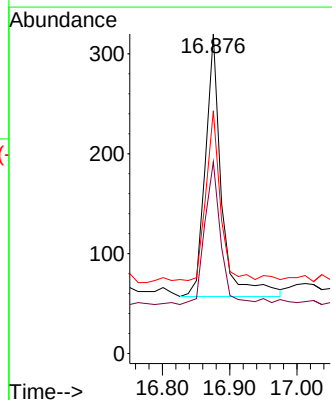
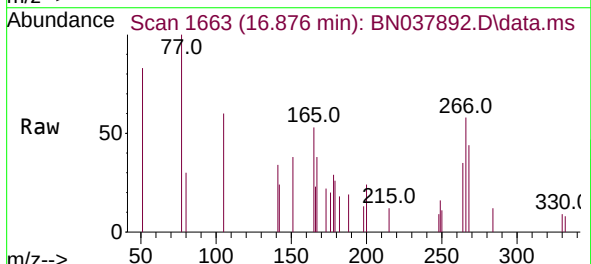
Instrument :
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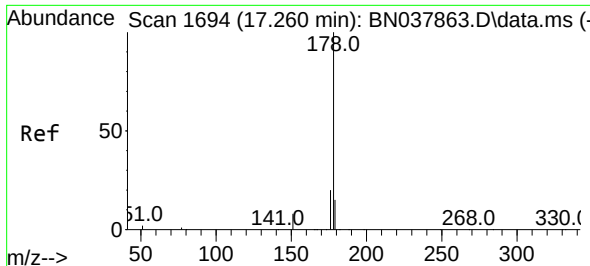
Tgt Ion:188 Resp: 34086
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 7.6 11.4



#24
Pentachlorophenol
Concen: 0.047 ng
RT: 16.876 min Scan# 1663
Delta R.T. 0.001 min
Lab File: BN037892.D
Acq: 25 Sep 2025 17:01

Tgt Ion:266 Resp: 438
Ion Ratio Lower Upper
266 100
264 53.7 50.9 76.3
268 56.8 54.3 81.5

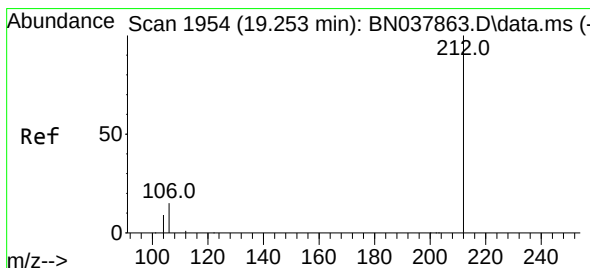
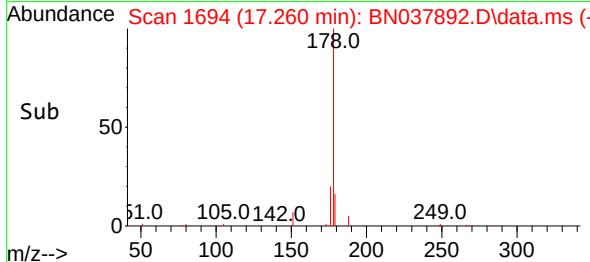
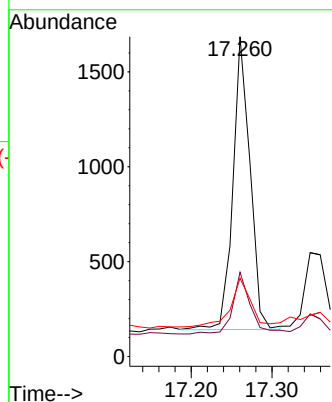
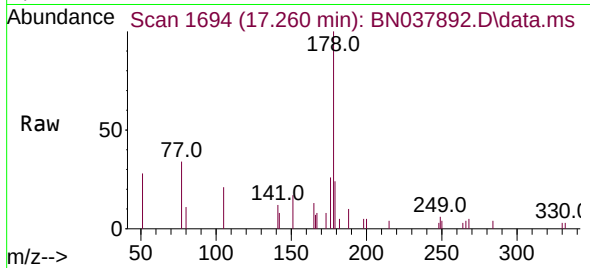




#25
Phenanthrene
Concen: 0.020 ng
RT: 17.260 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BN037892.D
Acq: 25 Sep 2025 17:01

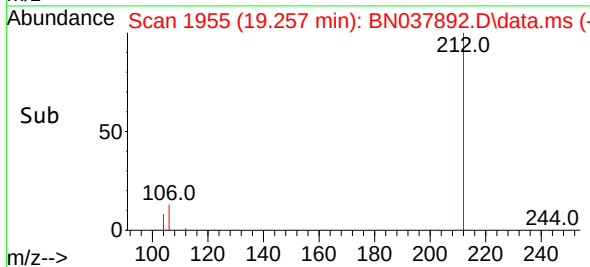
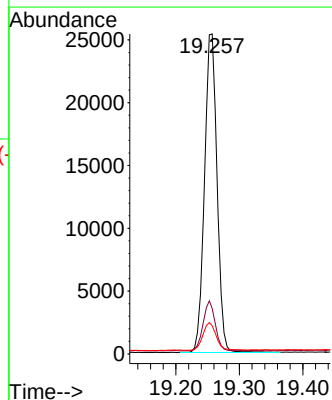
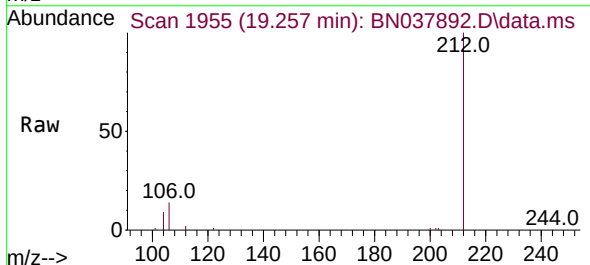
Instrument :
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BP-VPB-184-GW-220-222

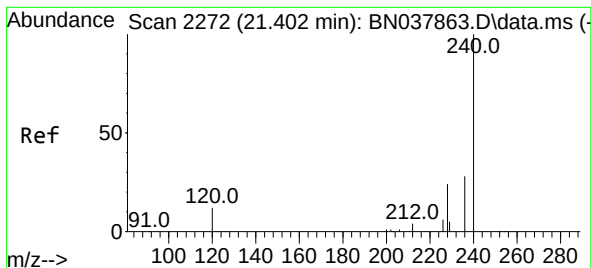
Tgt Ion:178 Resp: 2277
Ion Ratio Lower Upper
178 100
176 22.0 15.7 23.5
179 21.9 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.257 min Scan# 1955
Delta R.T. 0.005 min
Lab File: BN037892.D
Acq: 25 Sep 2025 17:01

Tgt Ion:212 Resp: 34849
Ion Ratio Lower Upper
212 100
106 15.0 12.6 19.0
104 9.3 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037892.D

Acq: 25 Sep 2025 17:01

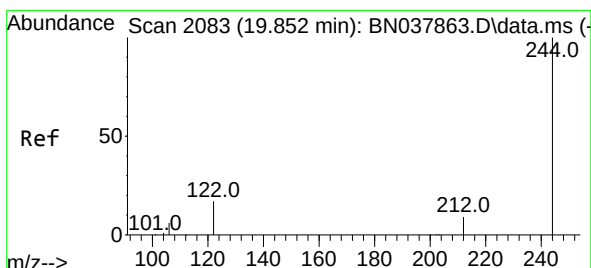
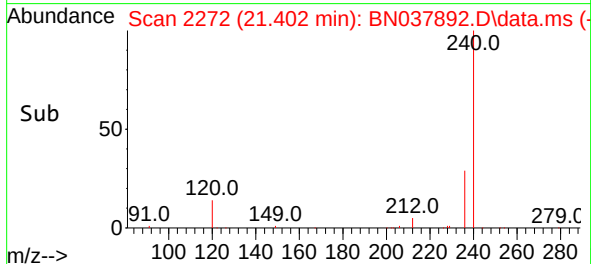
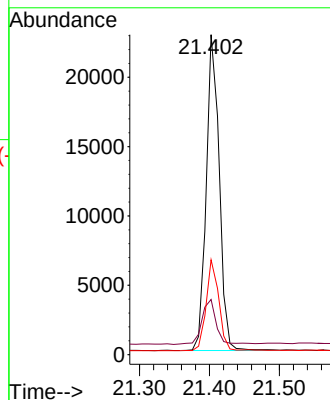
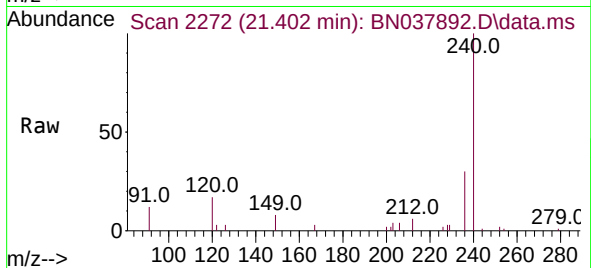
Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-220-222

Tgt Ion:240	Resp:	29285
Ion Ratio	Lower	Upper
240	100	
120	17.2	11.4 17.2#
236	29.6	23.0 34.6



#31

Terphenyl-d14

Concen: 0.496 ng

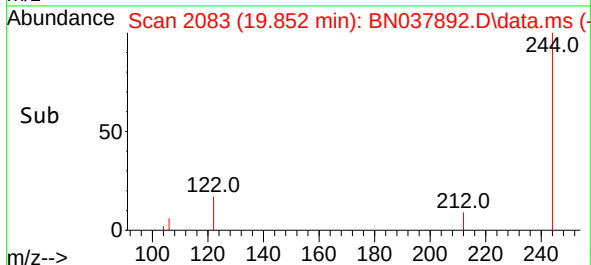
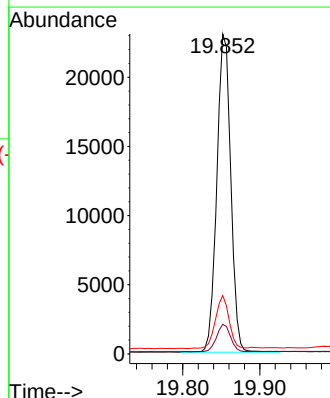
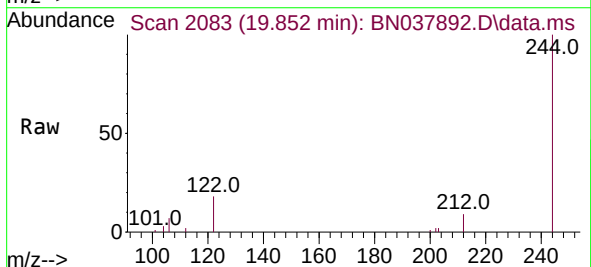
RT: 19.852 min Scan# 2083

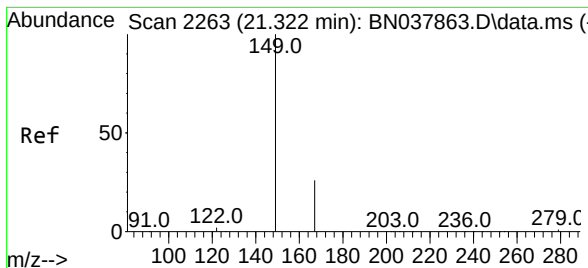
Delta R.T. 0.000 min

Lab File: BN037892.D

Acq: 25 Sep 2025 17:01

Tgt Ion:244	Resp:	28946
Ion Ratio	Lower	Upper
244	100	
212	9.2	7.6 11.4
122	18.2	13.9 20.9

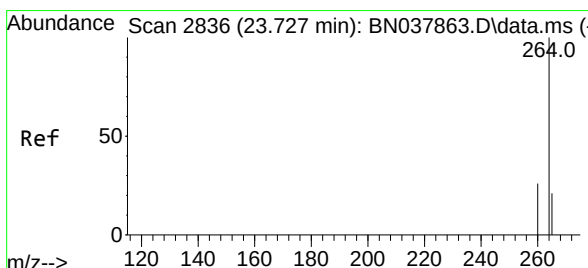
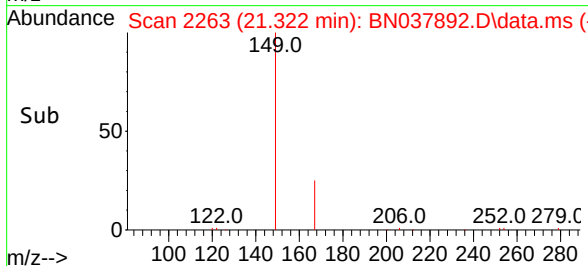
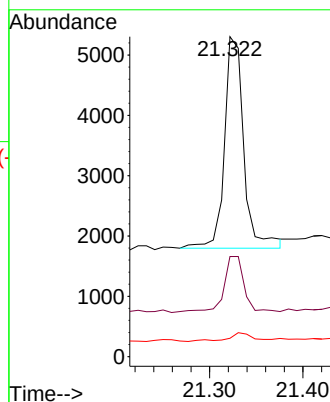
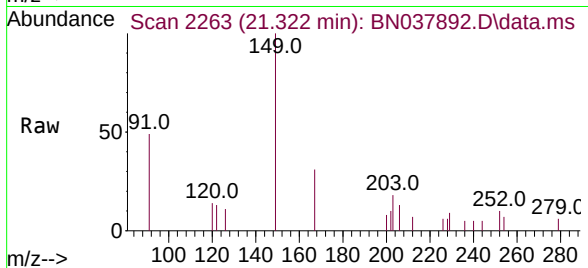




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.125 ng
 RT: 21.322 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037892.D
 Acq: 25 Sep 2025 17:01

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-220-222

Tgt Ion:149 Resp: 5069
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.4 30.6
 279 5.6 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.736 min Scan# 2839
 Delta R.T. 0.009 min
 Lab File: BN037892.D
 Acq: 25 Sep 2025 17:01

Tgt Ion:264 Resp: 25119
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.5 32.3
 265 59.2 53.8 80.6

