

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037842.D
 Acq On : 20 Sep 2025 08:38
 Operator : RC/JU
 Sample : Q3127-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20250915

Quant Time: Sep 22 00:36:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

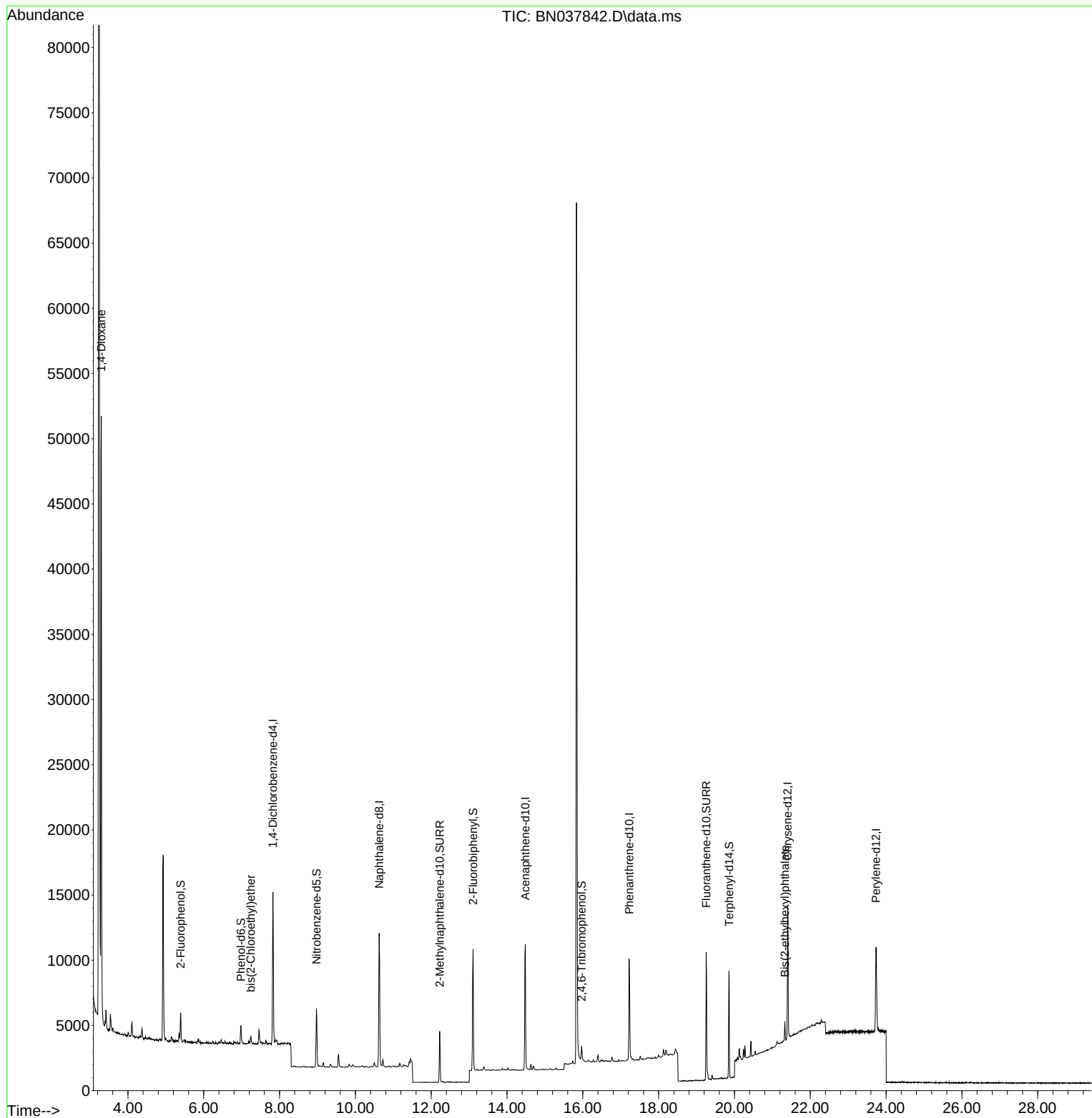
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.825	152	5292	0.400 ng	-0.01
7) Naphthalene-d8	10.626	136	13672	0.400 ng	-0.02
13) Acenaphthene-d10	14.484	164	5762	0.400 ng	-0.01
19) Phenanthrene-d10	17.223	188	10516	0.400 ng	-0.01
29) Chrysene-d12	21.402	240	9805	0.400 ng	#-0.02
35) Perylene-d12	23.736	264	9100	0.400 ng	#-0.02
System Monitoring Compounds					
4) 2-Fluorophenol	5.392	112	1668	0.137 ng	0.00
5) Phenol-d6	6.980	99	1214	0.077 ng	0.00
8) Nitrobenzene-d5	8.971	82	3592	0.359 ng	-0.02
11) 2-Methylnaphthalene-d10	12.222	152	5245	0.290 ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	676	0.450 ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	8036	0.333 ng	-0.01
27) Fluoranthene-d10	19.257	212	10637	0.403 ng	-0.01
31) Terphenyl-d14	19.856	244	7592	0.381 ng	-0.01
Target Compounds					
2) 1,4-Dioxane	3.297	88	27572	5.002 ng	Qvalue 97
6) bis(2-Chloroethyl)ether	7.240	93	437	0.031 ng	91
34) Bis(2-ethylhexyl)phtha...	21.331	149	1454	0.143 ng	# 99

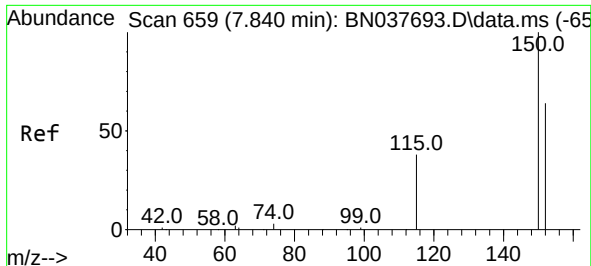
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
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TT101D2-20250915

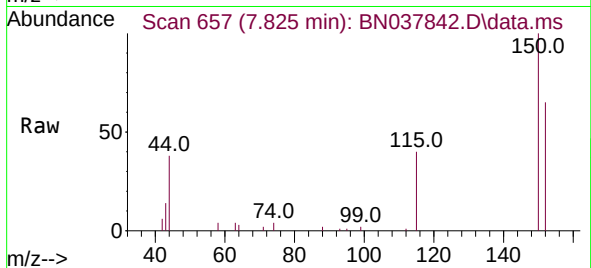
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





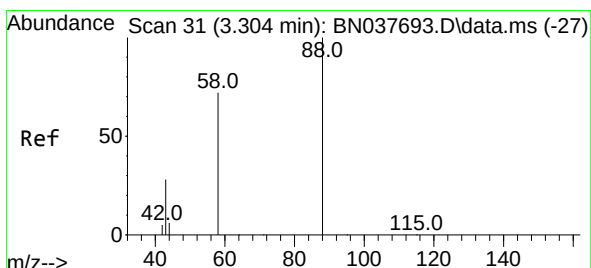
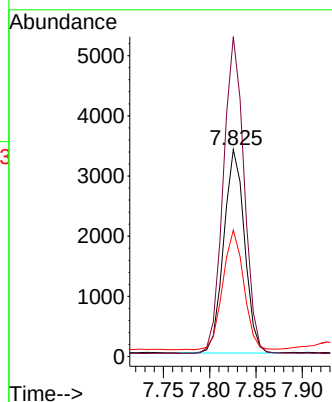
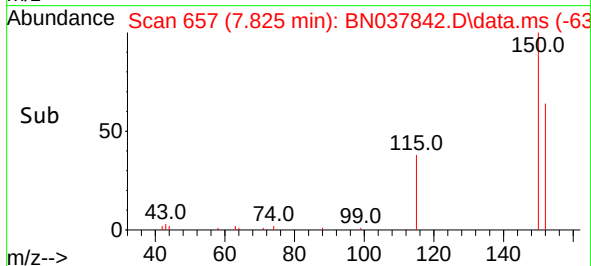
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN037842.D
 Acq: 20 Sep 2025 08:38

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20250915

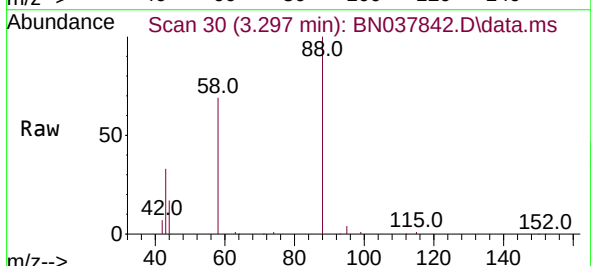


Tgt Ion:152 Resp: 5292

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.5	186.7
115	61.1	49.2	73.8

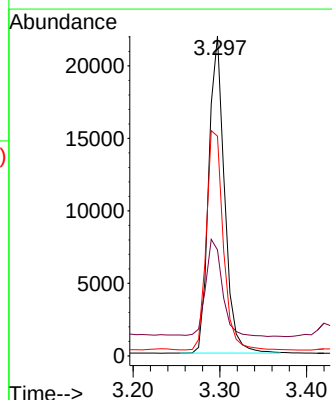
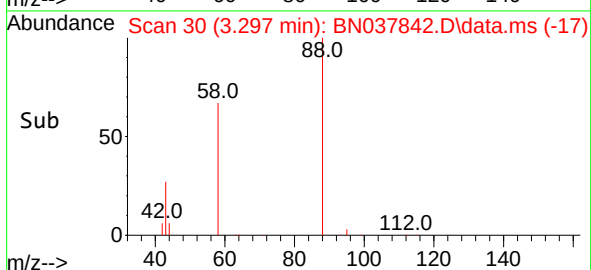


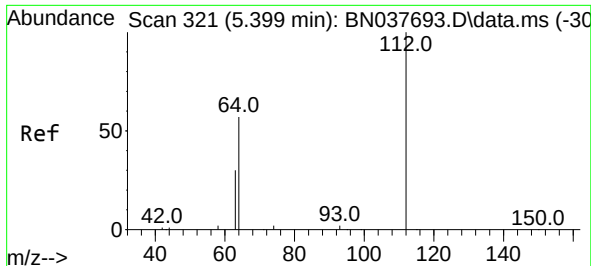
#2
 1,4-Dioxane
 Concen: 5.002 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037842.D
 Acq: 20 Sep 2025 08:38



Tgt Ion: 88 Resp: 27572

Ion	Ratio	Lower	Upper
88	100		
43	32.0	26.8	40.2
58	74.1	61.9	92.9

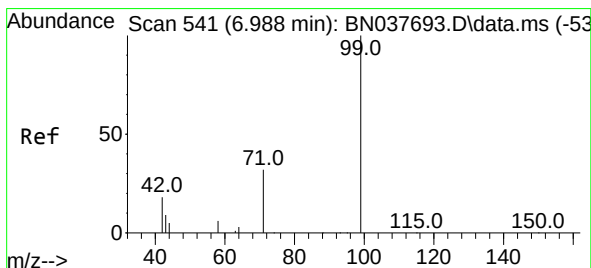
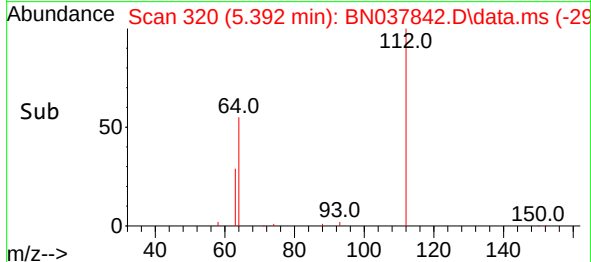
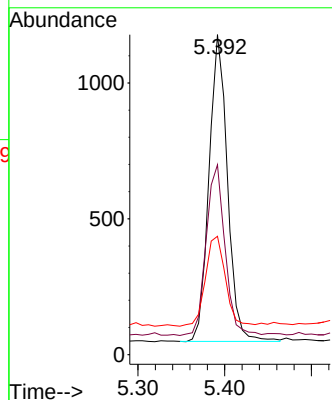
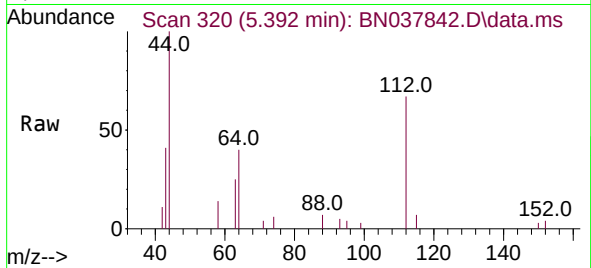




#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037842.D
Acq: 20 Sep 2025 08:38

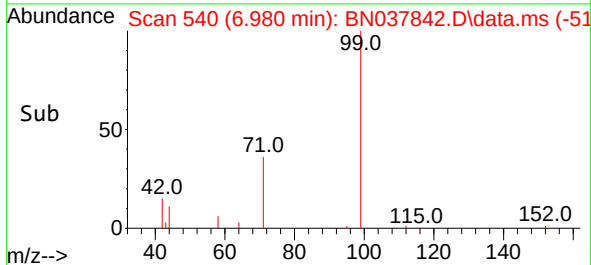
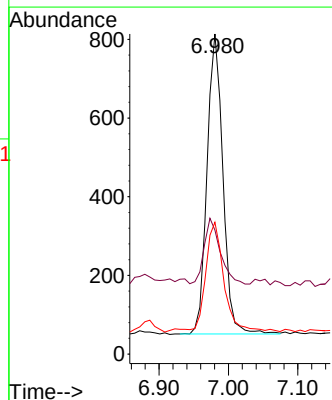
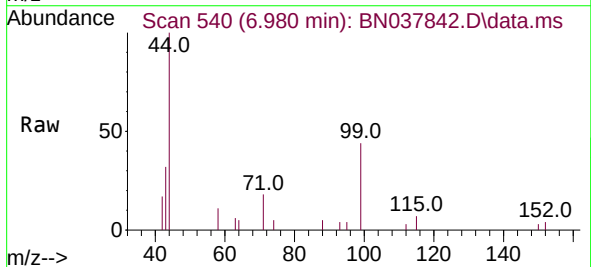
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ClientSampleId :
TT101D2-20250915

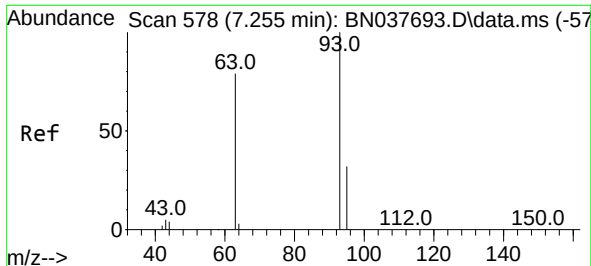
Tgt Ion:112 Resp: 1668
Ion Ratio Lower Upper
112 100
64 56.2 44.9 67.3
63 31.5 24.7 37.1



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037842.D
Acq: 20 Sep 2025 08:38

Tgt Ion: 99 Resp: 1214
Ion Ratio Lower Upper
99 100
42 22.5 16.6 24.8
71 41.4 26.7 40.1#

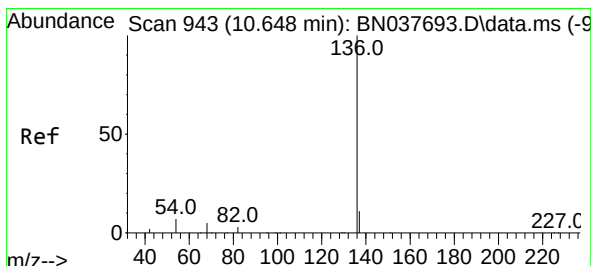
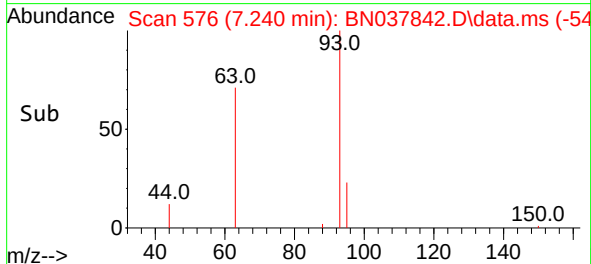
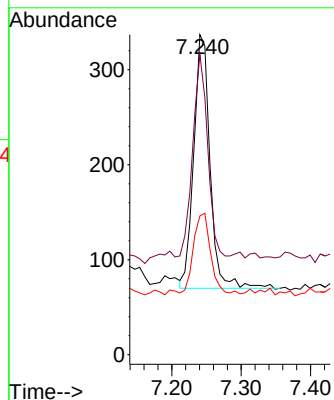
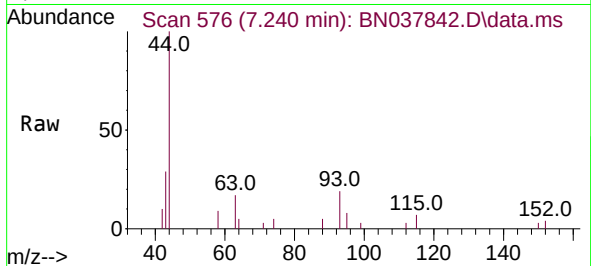




#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.240 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN037842.D
Acq: 20 Sep 2025 08:38

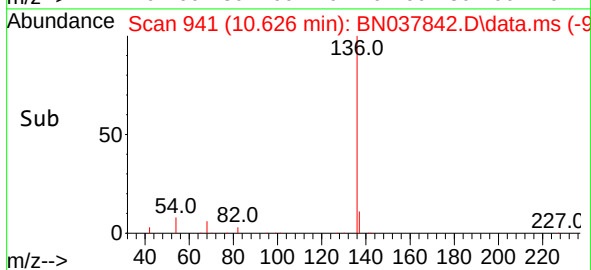
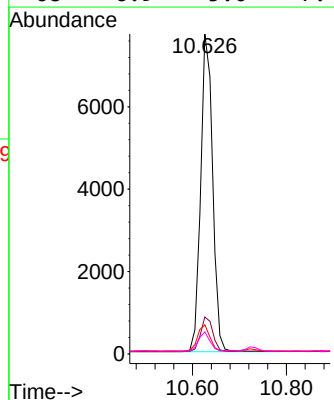
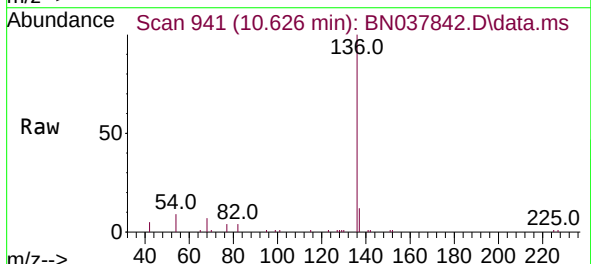
Instrument :
BNA_N
ClientSampleId :
TT101D2-20250915

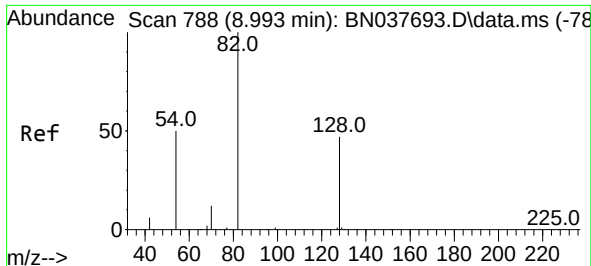
Tgt Ion: 93 Resp: 437
Ion Ratio Lower Upper
93 100
63 85.4 60.6 90.8
95 35.5 26.0 39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN037842.D
Acq: 20 Sep 2025 08:38

Tgt Ion: 136 Resp: 13672
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.1 6.3 9.5
68 6.9 5.0 7.4

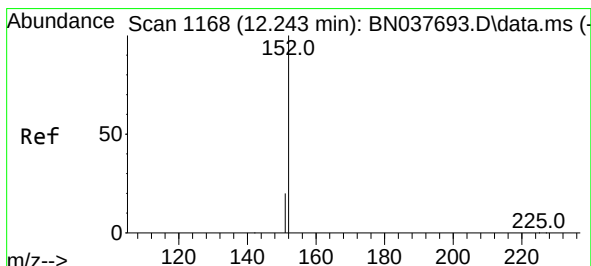
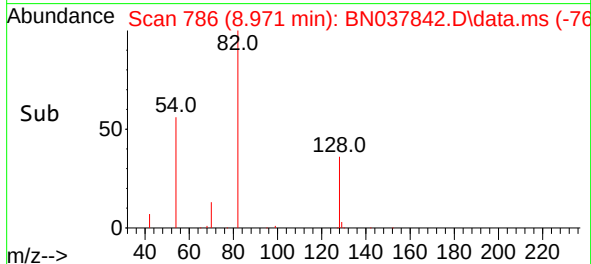
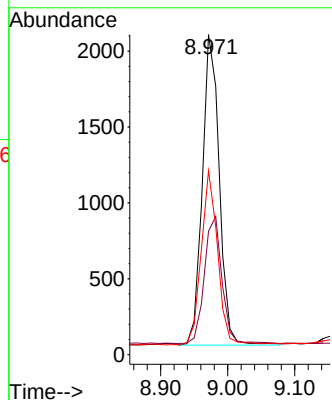
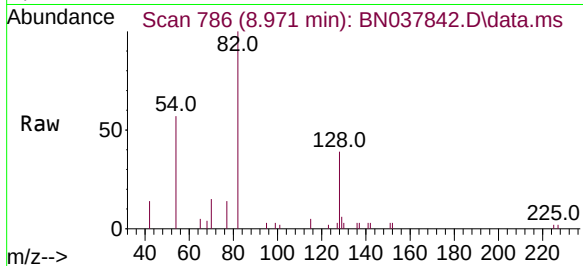




#8
 Nitrobenzene-d5
 Concen: 0.359 ng
 RT: 8.971 min Scan# 788
 Delta R.T. -0.021 min
 Lab File: BN037842.D
 Acq: 20 Sep 2025 08:38

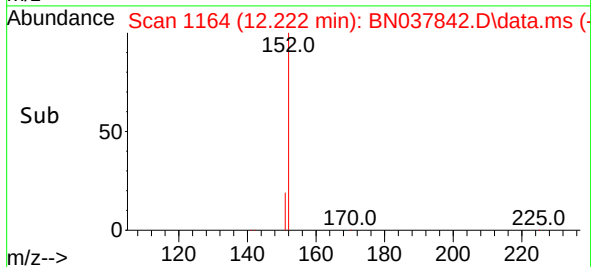
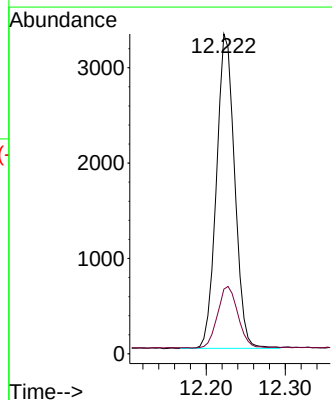
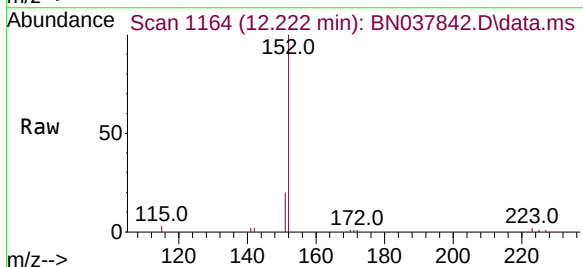
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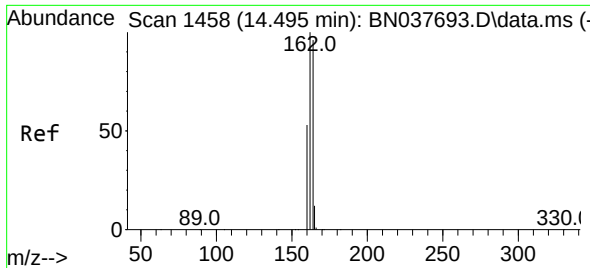
Tgt Ion: 82 Resp: 3592
 Ion Ratio Lower Upper
 82 100
 128 38.5 38.3 57.5
 54 57.5 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.290 ng
 RT: 12.222 min Scan# 1164
 Delta R.T. -0.020 min
 Lab File: BN037842.D
 Acq: 20 Sep 2025 08:38

Tgt Ion: 152 Resp: 5245
 Ion Ratio Lower Upper
 152 100
 151 21.9 17.0 25.6

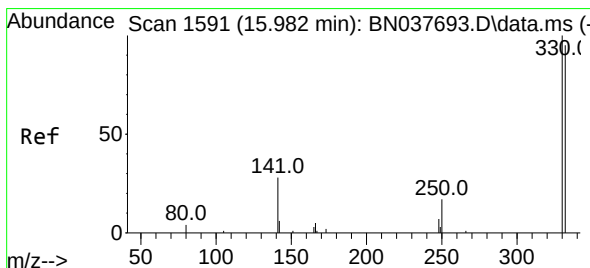
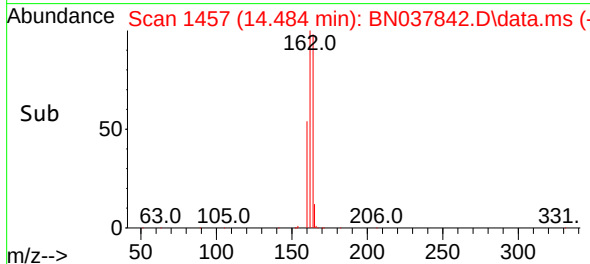
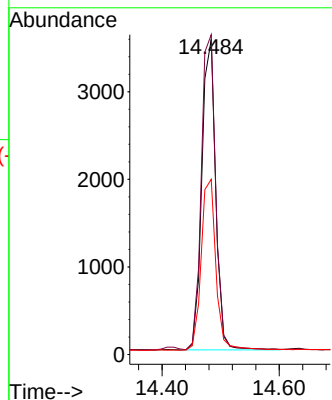
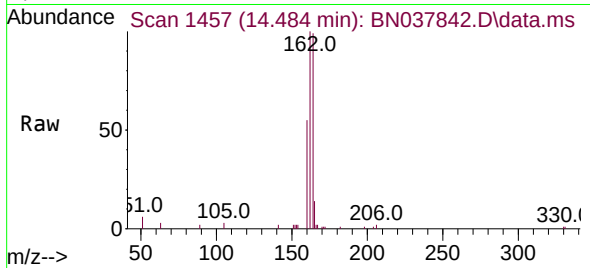




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037842.D
 Acq: 20 Sep 2025 08:38

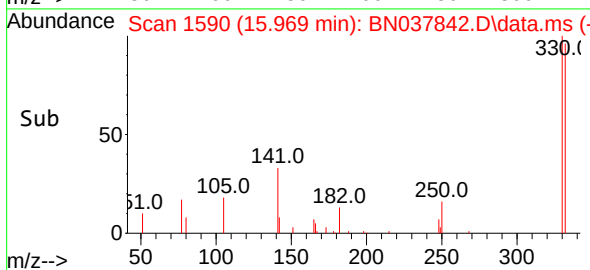
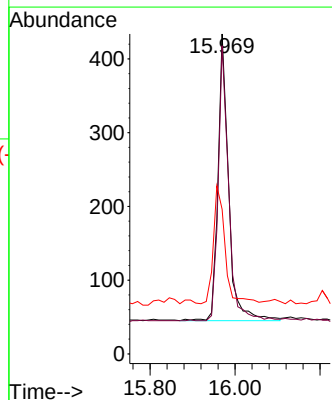
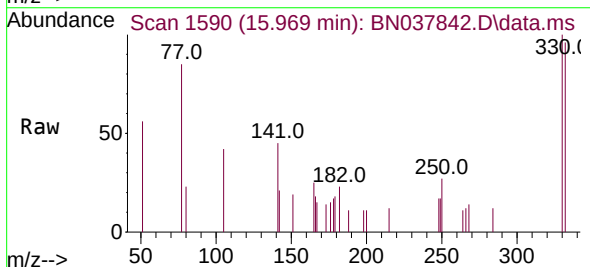
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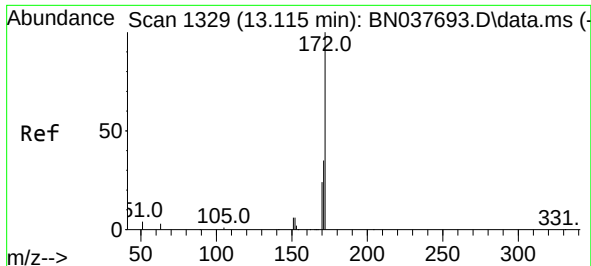
Tgt Ion:164 Resp: 5762
 Ion Ratio Lower Upper
 164 100
 162 101.5 83.1 124.7
 160 55.6 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.450 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037842.D
 Acq: 20 Sep 2025 08:38

Tgt Ion:330 Resp: 676
 Ion Ratio Lower Upper
 330 100
 332 93.8 75.3 112.9
 141 45.4 35.0 52.4

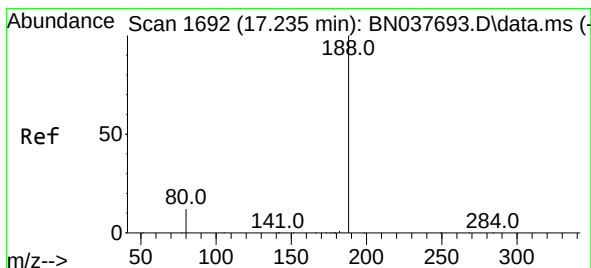
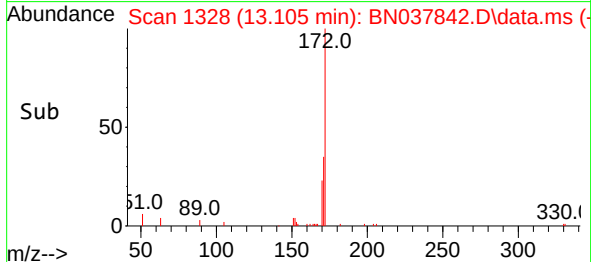
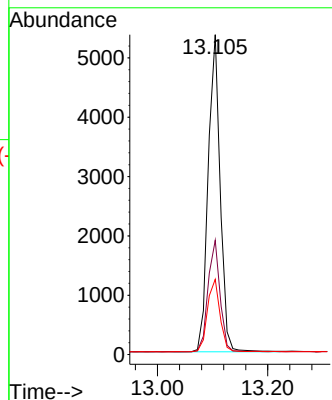
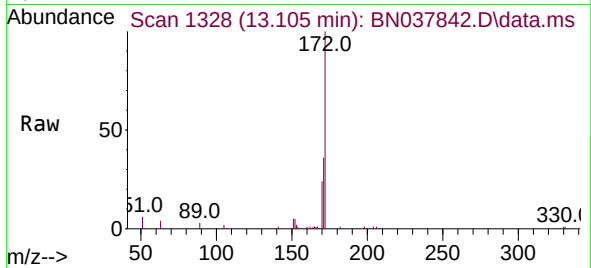




#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037842.D
Acq: 20 Sep 2025 08:38

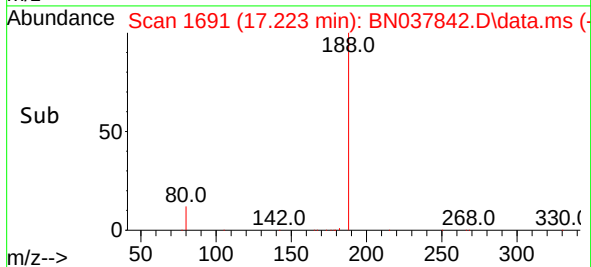
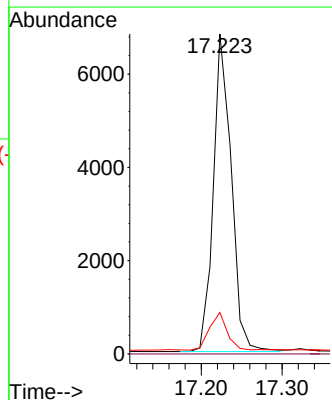
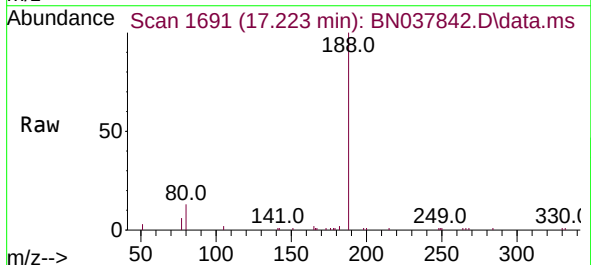
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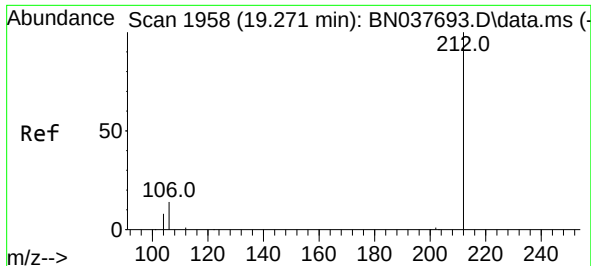
Tgt Ion:172 Resp: 8036
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.5 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037842.D
Acq: 20 Sep 2025 08:38

Tgt Ion:188 Resp: 10516
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 10.6 15.8

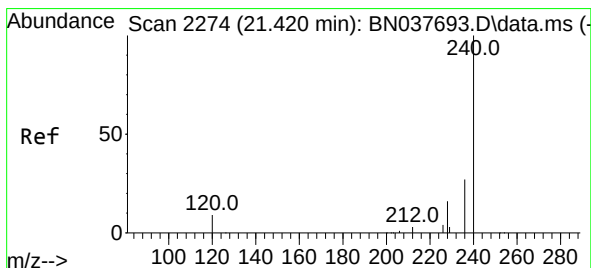
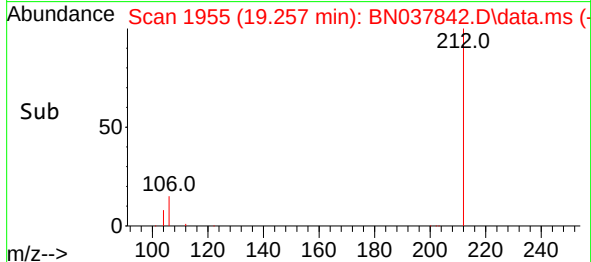
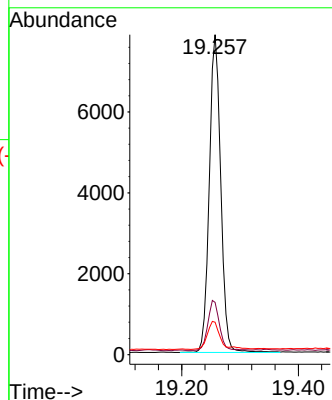
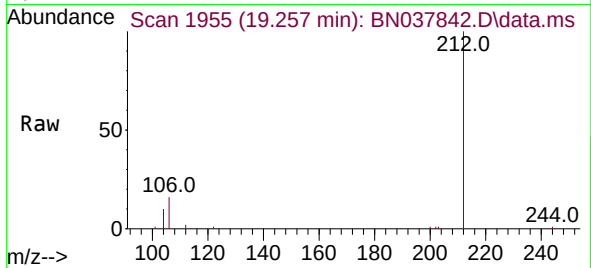




#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.257 min Scan# 19
Delta R.T. -0.014 min
Lab File: BN037842.D
Acq: 20 Sep 2025 08:38

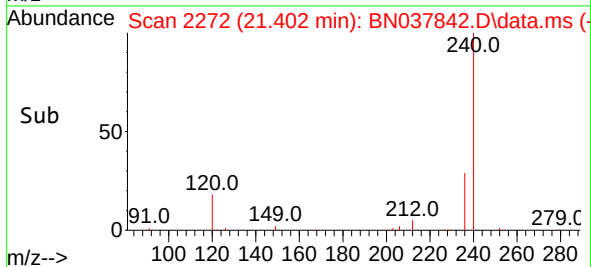
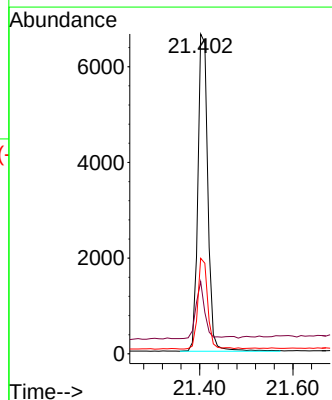
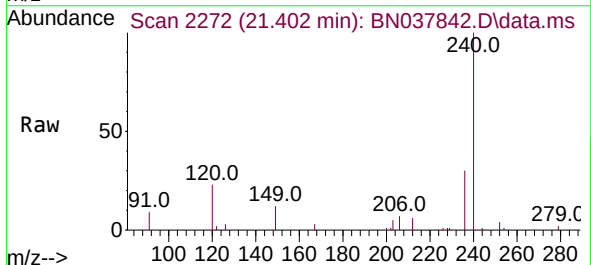
Instrument :
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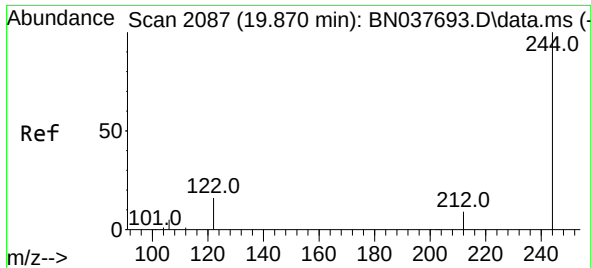
Tgt Ion:212 Resp: 10637
Ion Ratio Lower Upper
212 100
106 15.9 12.2 18.2
104 9.2 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BN037842.D
Acq: 20 Sep 2025 08:38

Tgt Ion:240 Resp: 9805
Ion Ratio Lower Upper
240 100
120 22.6 9.2 13.8#
236 29.9 22.6 33.8

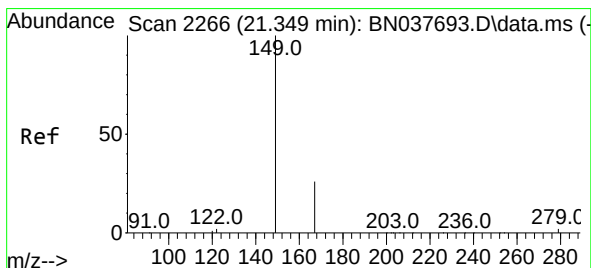
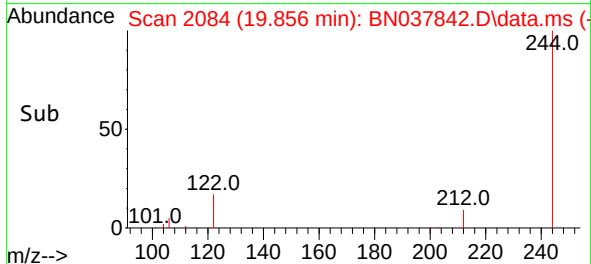
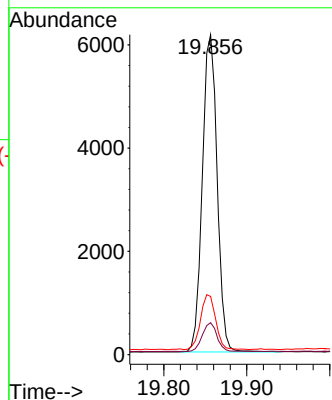
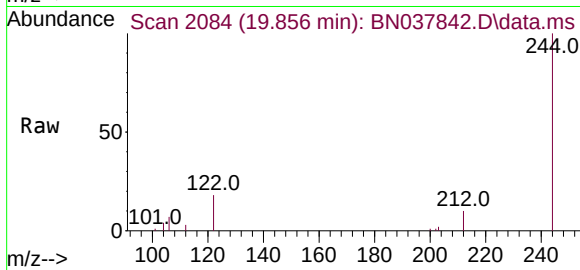




#31
 Terphenyl-d14
 Concen: 0.381 ng
 RT: 19.856 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN037842.D
 Acq: 20 Sep 2025 08:38

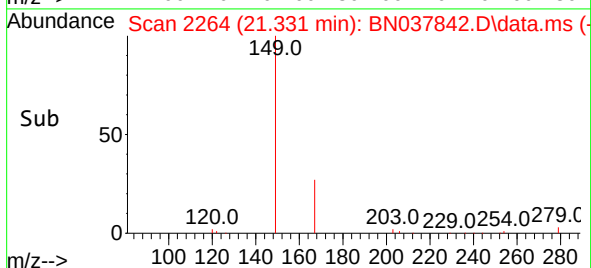
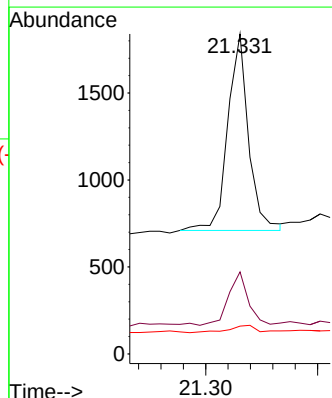
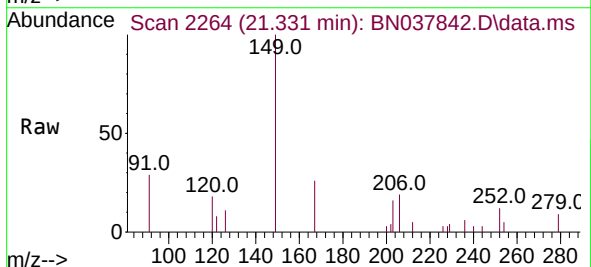
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20250915

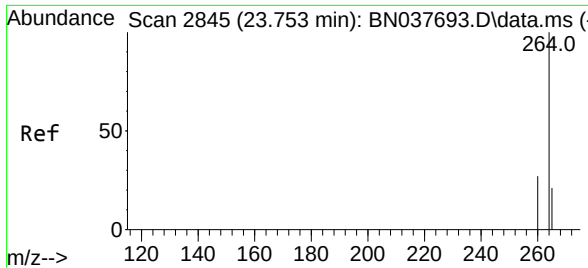
Tgt Ion:244 Resp: 7592
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.5 11.3
 122 18.2 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.143 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. -0.018 min
 Lab File: BN037842.D
 Acq: 20 Sep 2025 08:38

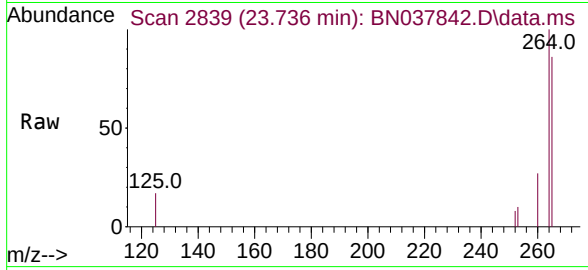
Tgt Ion:149 Resp: 1454
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.8 31.2
 279 5.0 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.736 min Scan# 2845
Delta R.T. -0.018 min
Lab File: BN037842.D
Acq: 20 Sep 2025 08:38

Instrument :
BNA_N
ClientSampleId :
TT101D2-20250915



Tgt Ion:264 Resp: 9100

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.8	32.8
265	86.1	39.4	59.2

