

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038085.D
 Acq On : 14 Oct 2025 03:07
 Operator : RC/JU
 Sample : Q3298-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-740-742

Quant Time: Oct 14 04:13:00 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)

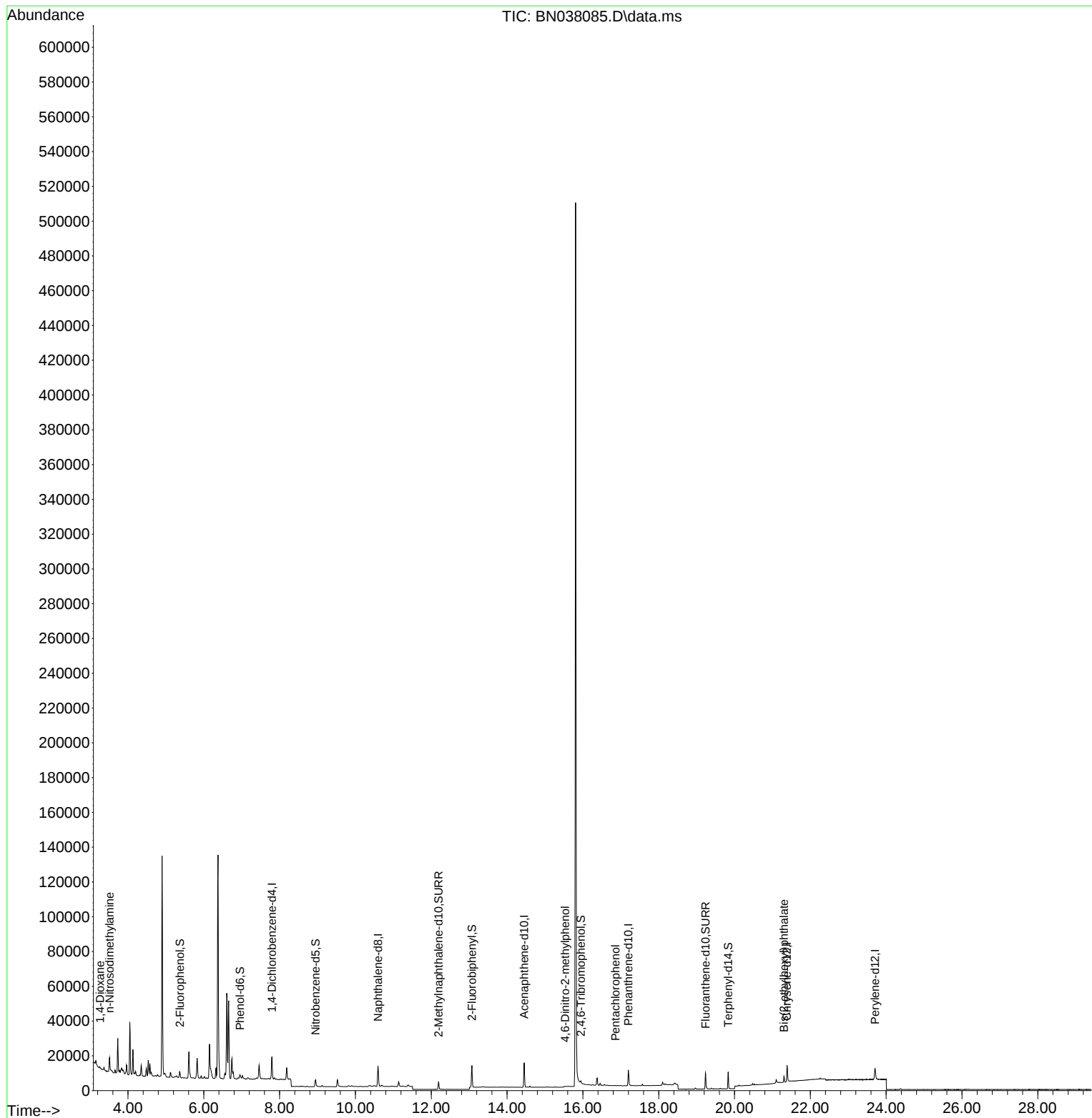
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	6146	0.400	ng	-0.03
7) Naphthalene-d8	10.594	136	16059	0.400	ng	#-0.03
13) Acenaphthene-d10	14.452	164	7706	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	13040	0.400	ng	#-0.02
29) Chrysene-d12	21.384	240	10129	0.400	ng	#-0.02
35) Perylene-d12	23.706	264	9622	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	2521	0.180	ng	-0.01
5) Phenol-d6	6.952	99	2160	0.117	ng	-0.02
8) Nitrobenzene-d5	8.950	82	3507	0.286	ng	-0.02
11) 2-Methylnaphthalene-d10	12.192	152	6092	0.273	ng	-0.03
14) 2,4,6-Tribromophenol	15.944	330	677	0.232	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	10263	0.325	ng	-0.02
27) Fluoranthene-d10	19.234	212	10382	0.317	ng	-0.02
31) Terphenyl-d14	19.833	244	9394	0.466	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	511	0.082	ng	# 1
3) n-Nitrosodimethylamine	3.514	42	2113	0.255	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.535	198	2	0.069	ng	# 1
24) Pentachlorophenol	16.863	266	79	0.022	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.304	149	3401	0.243	ng	# 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038085.D
Acq On : 14 Oct 2025 03:07
Operator : RC/JU
Sample : Q3298-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-740-742

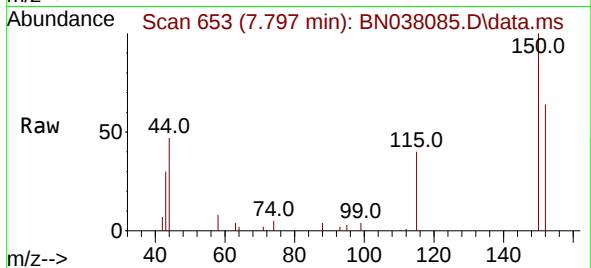
Quant Time: Oct 14 04:13:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



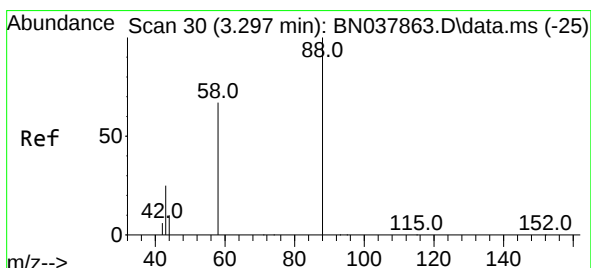
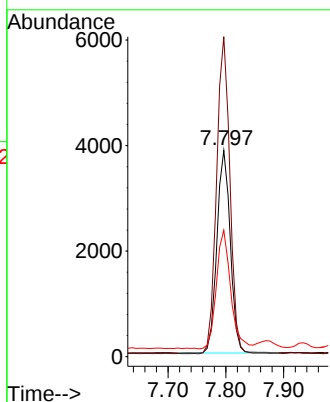
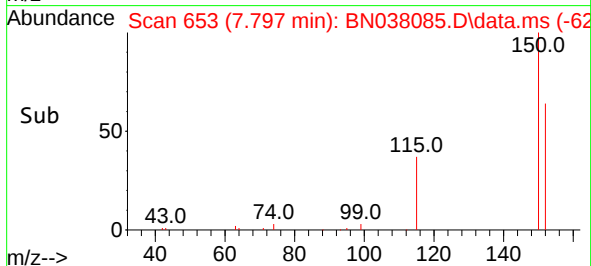


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.028 min
 Lab File: BN038085.D
 Acq: 14 Oct 2025 03:07

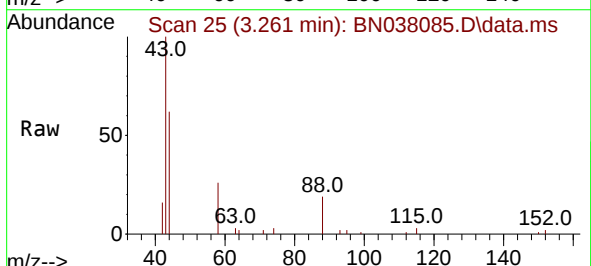
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-740-742



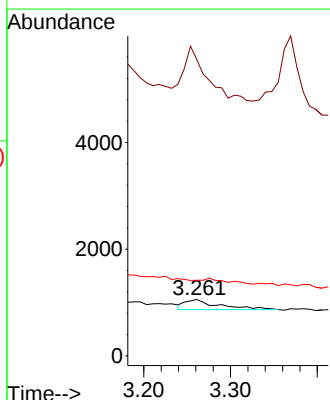
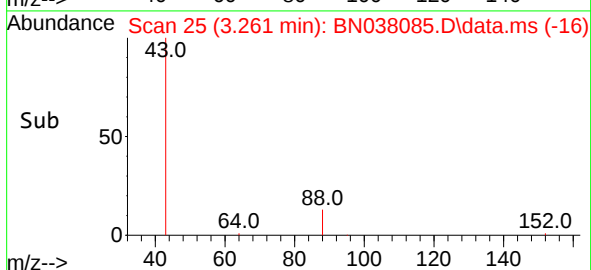
Tgt Ion:152 Resp: 6146
 Ion Ratio Lower Upper
 152 100
 150 155.2 121.0 181.4
 115 61.3 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.082 ng
 RT: 3.261 min Scan# 25
 Delta R.T. -0.036 min
 Lab File: BN038085.D
 Acq: 14 Oct 2025 03:07



Tgt Ion: 88 Resp: 511
 Ion Ratio Lower Upper
 88 100
 43 372.4 26.6 39.8#
 58 0.0 58.9 88.3#

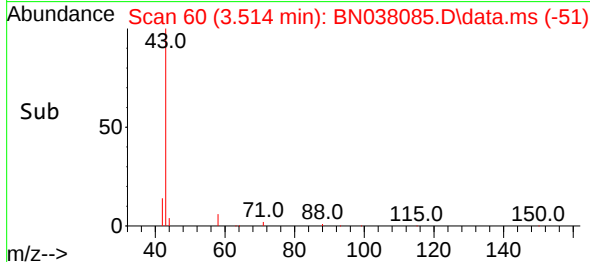
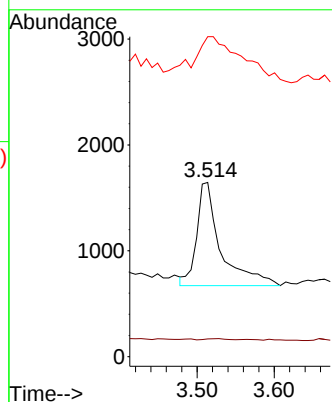
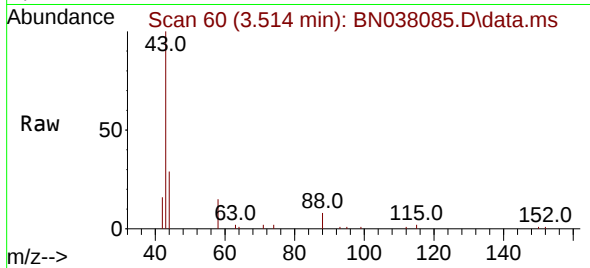




#3
n-Nitrosodimethylamine
Concen: 0.255 ng
RT: 3.514 min Scan# 60
Delta R.T. -0.087 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07

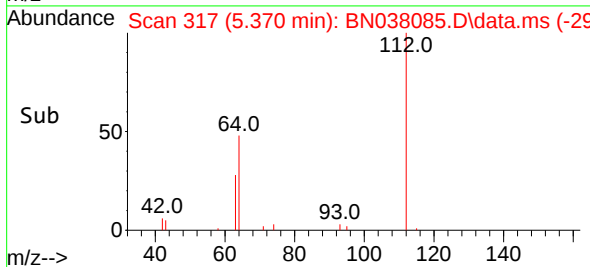
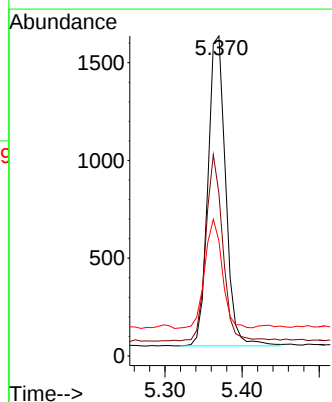
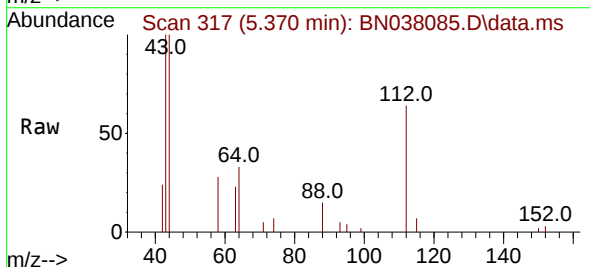
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-740-742

Tgt Ion: 42 Resp: 2113
Ion Ratio Lower Upper
42 100
74 0.7 93.4 140.0#
44 94.6 22.2 33.4#



#4
2-Fluorophenol
Concen: 0.180 ng
RT: 5.370 min Scan# 317
Delta R.T. -0.015 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07

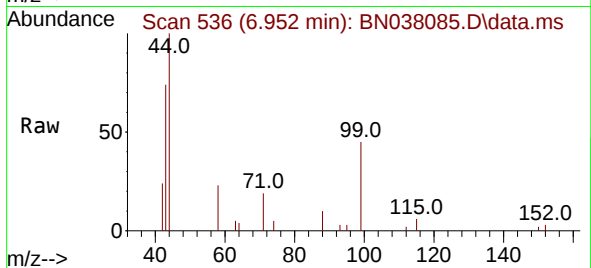
Tgt Ion: 112 Resp: 2521
Ion Ratio Lower Upper
112 100
64 57.6 44.6 66.8
63 34.3 24.9 37.3



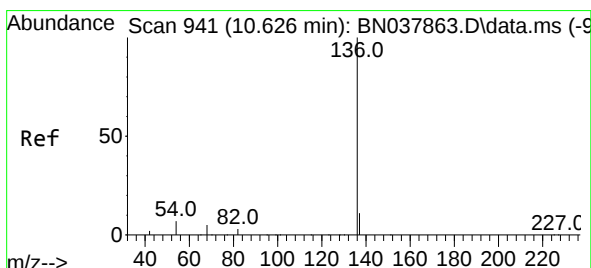
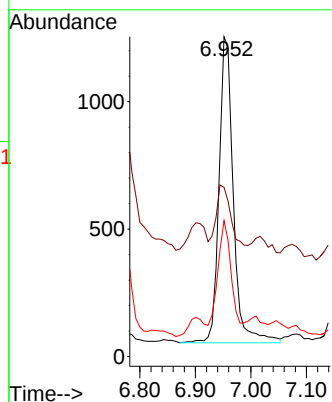
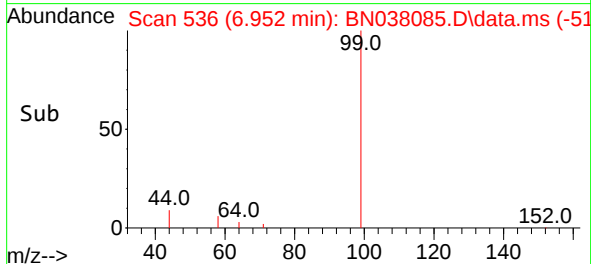


#5
Phenol-d6
Concen: 0.117 ng
RT: 6.952 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07

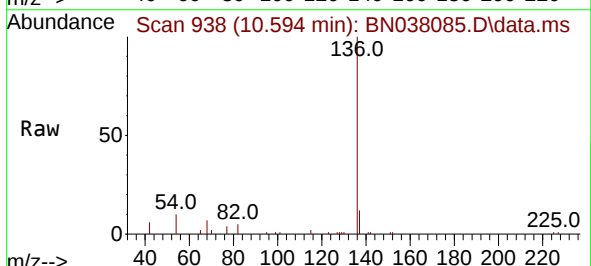
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-740-742



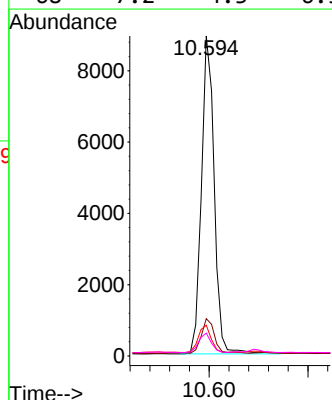
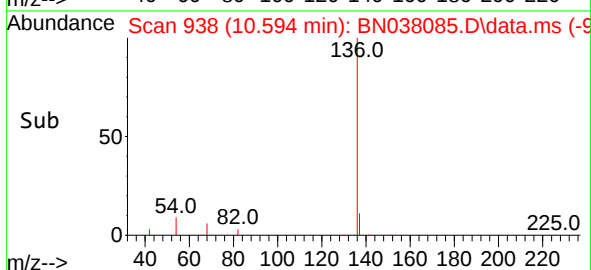
Tgt Ion: 99 Resp: 2160
Ion Ratio Lower Upper
99 100
42 26.5 17.2 25.8#
71 31.1 27.3 40.9

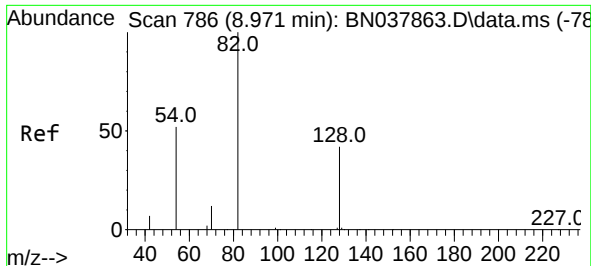


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. -0.032 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07



Tgt Ion: 136 Resp: 16059
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 9.6 5.8 8.8#
68 7.2 4.3 6.5#

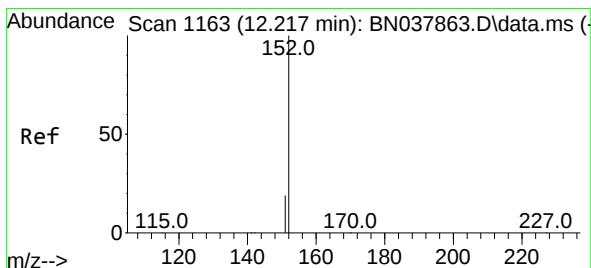
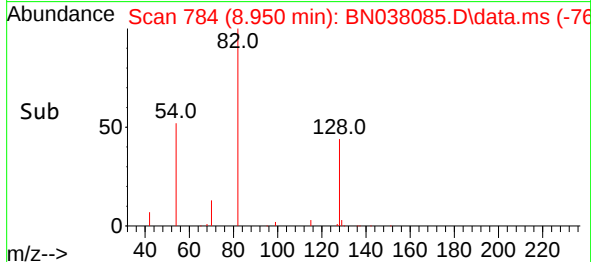
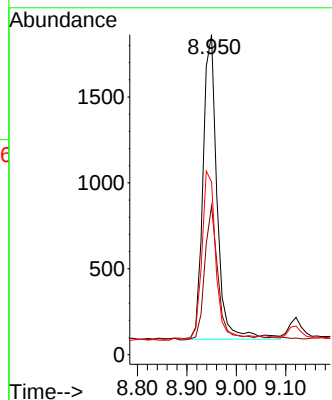
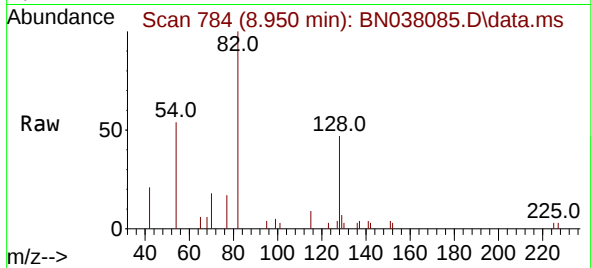




#8
 Nitrobenzene-d5
 Concen: 0.286 ng
 RT: 8.950 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN038085.D
 Acq: 14 Oct 2025 03:07

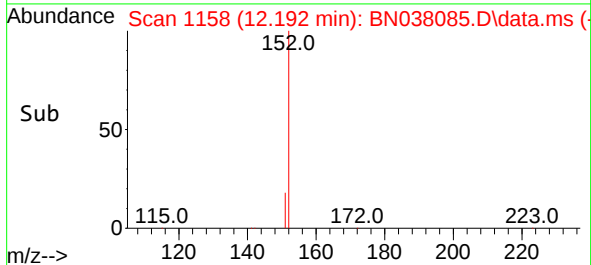
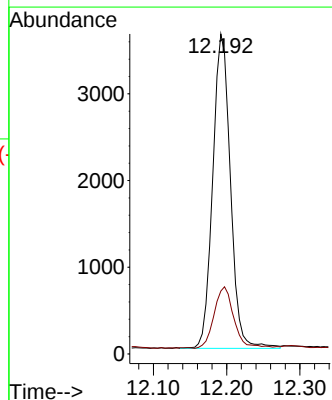
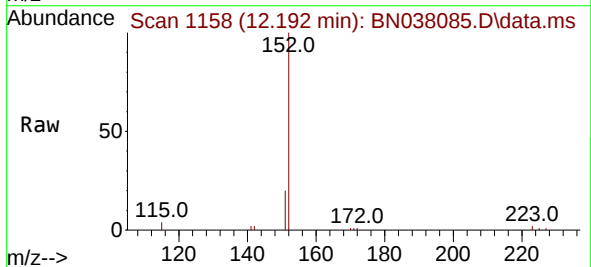
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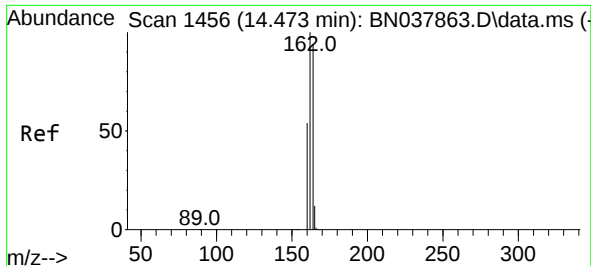
Tgt Ion: 82 Resp: 3507
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.8 52.2
 54 54.0 42.2 63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.273 ng
 RT: 12.192 min Scan# 1158
 Delta R.T. -0.025 min
 Lab File: BN038085.D
 Acq: 14 Oct 2025 03:07

Tgt Ion: 152 Resp: 6092
 Ion Ratio Lower Upper
 152 100
 151 21.9 17.4 26.2

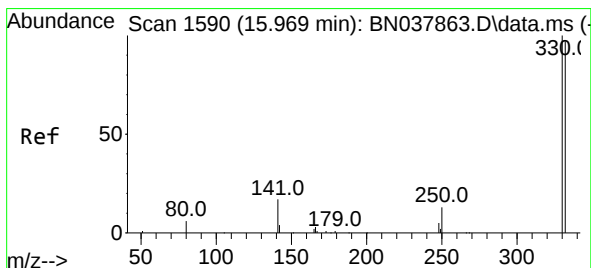
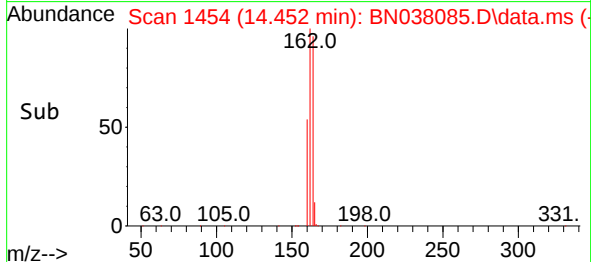
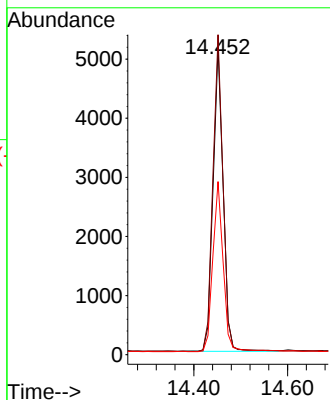
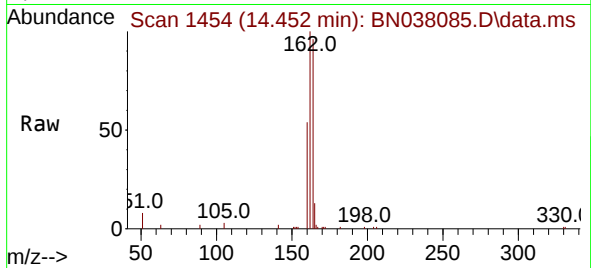




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07

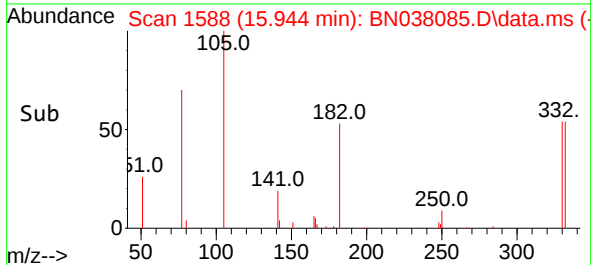
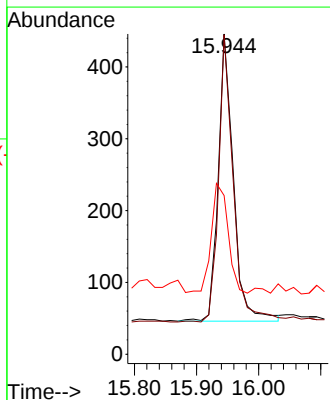
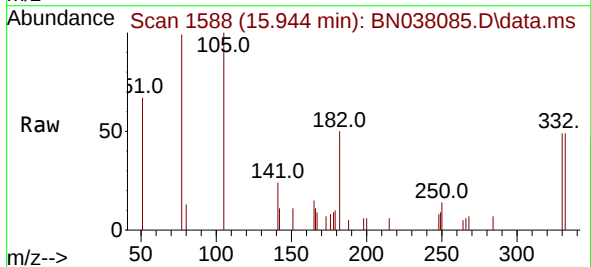
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-740-742

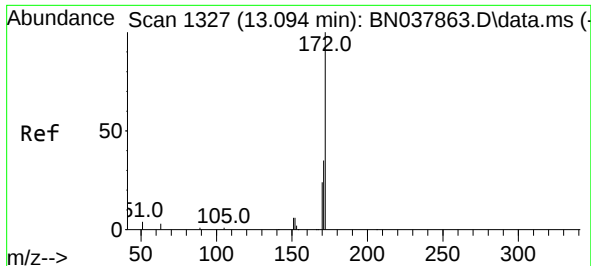
Tgt Ion:164 Resp: 7706
Ion Ratio Lower Upper
164 100
162 104.1 84.8 127.2
160 56.3 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.944 min Scan# 1588
Delta R.T. -0.025 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07

Tgt Ion:330 Resp: 677
Ion Ratio Lower Upper
330 100
332 99.0 77.2 115.8
141 43.7 37.2 55.8

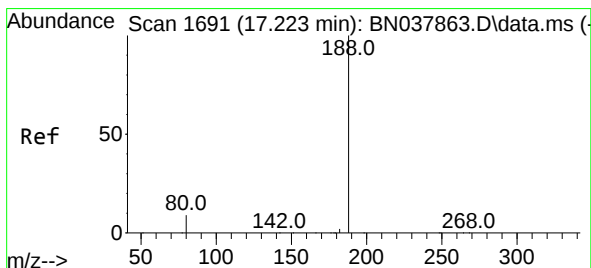
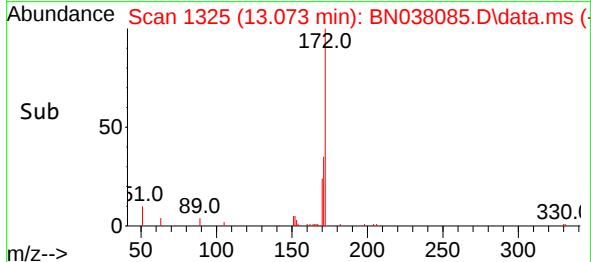
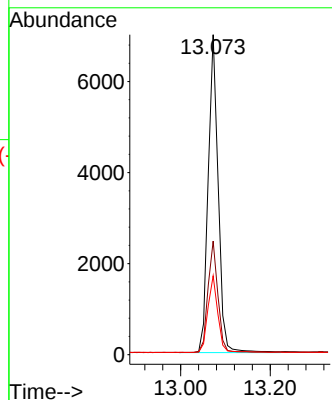
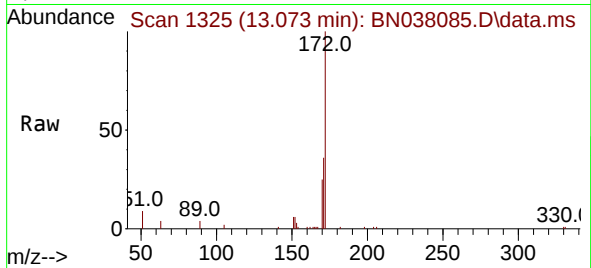




#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 13.073 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07

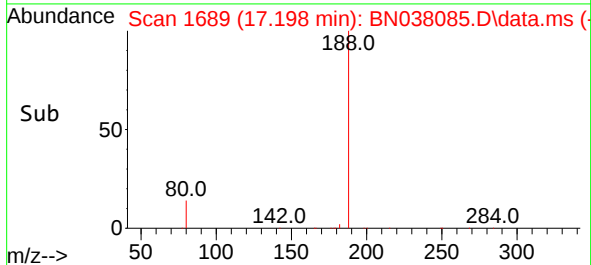
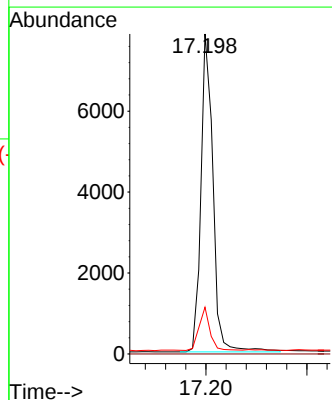
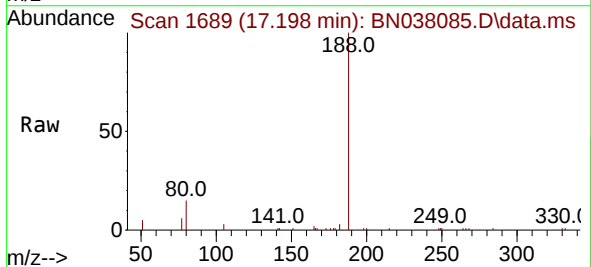
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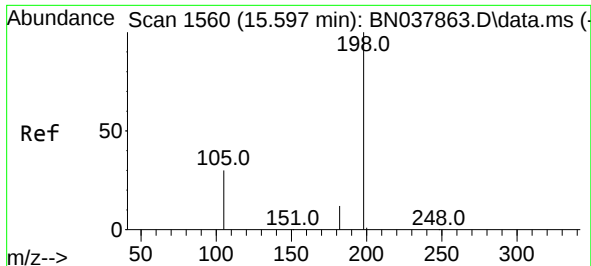
Tgt Ion:	172	Resp:	10263
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.6	43.0
170	24.6	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07

Tgt Ion:	188	Resp:	13040
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.6	7.6	11.4

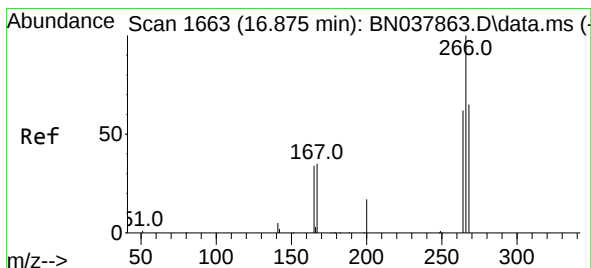
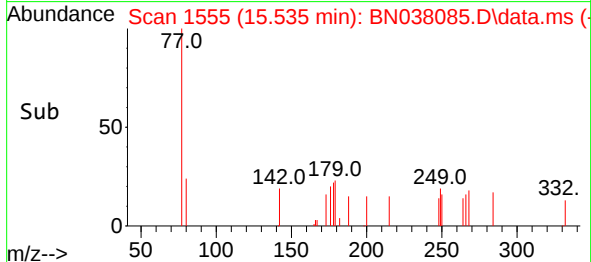
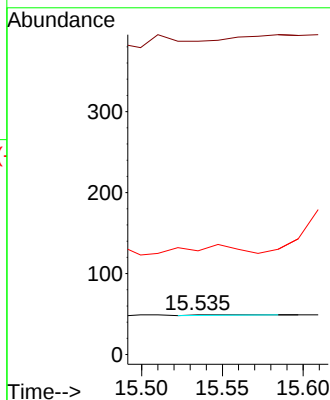
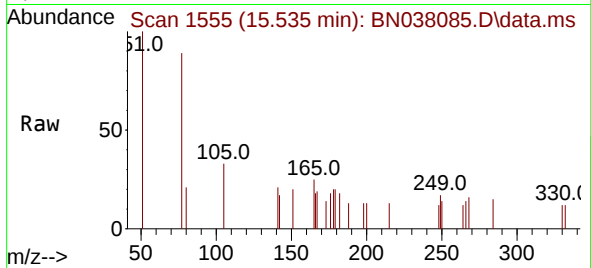




#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.062 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07

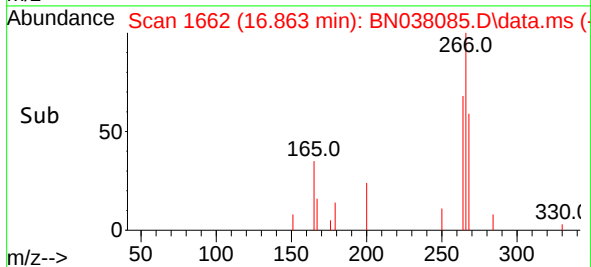
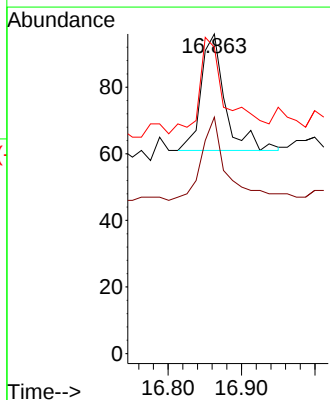
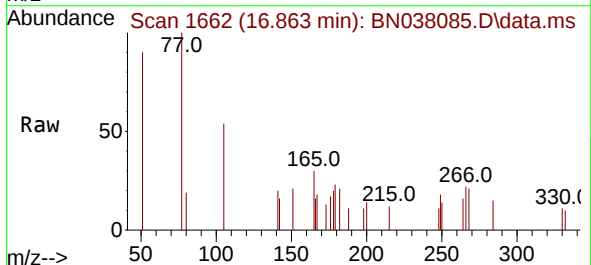
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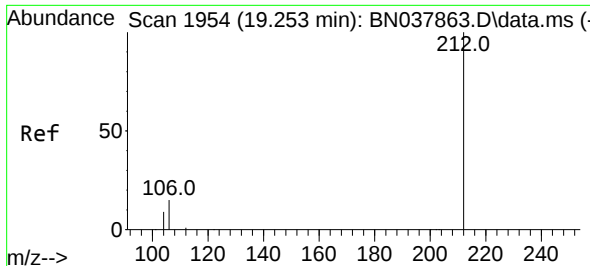
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 789.8 59.1 88.7#
105 261.2 41.3 61.9#



#24
Pentachlorophenol
Concen: 0.022 ng
RT: 16.863 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07

Tgt Ion:266 Resp: 79
Ion Ratio Lower Upper
266 100
264 79.7 50.9 76.3#
268 93.7 54.3 81.5#

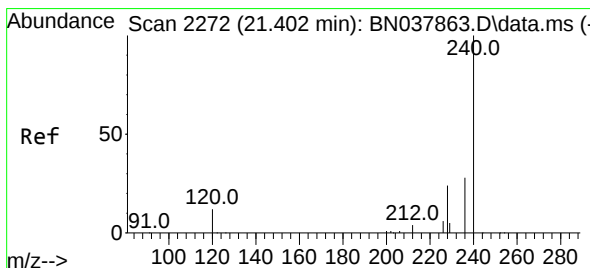
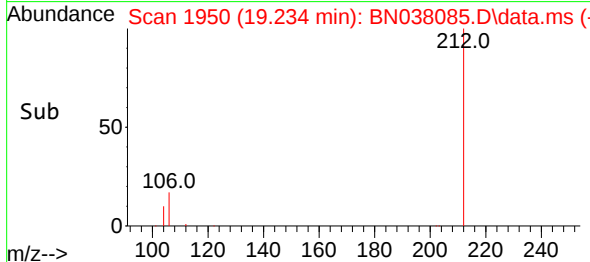
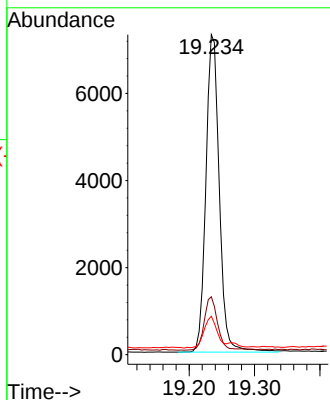
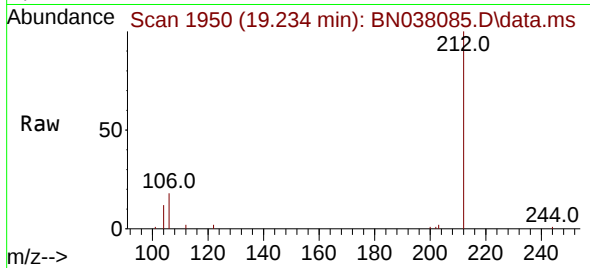




#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.234 min Scan# 1954
Delta R.T. -0.019 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07

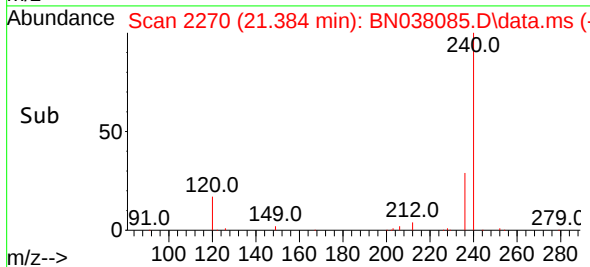
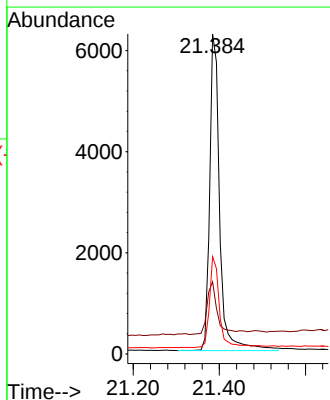
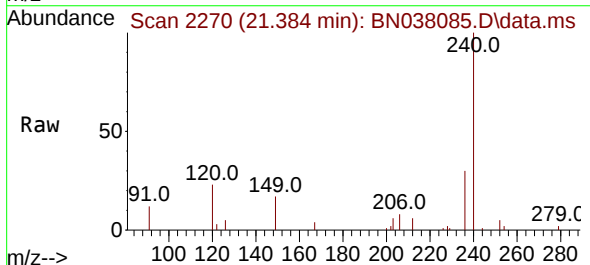
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-740-742

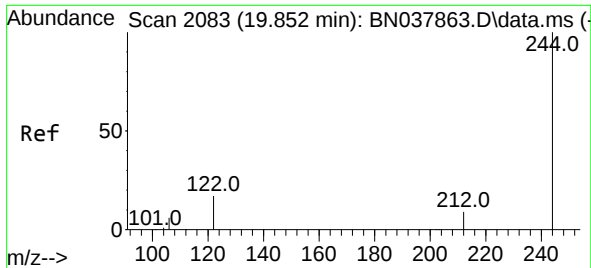
Tgt Ion:212 Resp: 10382
Ion Ratio Lower Upper
212 100
106 17.0 12.6 19.0
104 9.8 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2270
Delta R.T. -0.018 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07

Tgt Ion:240 Resp: 10129
Ion Ratio Lower Upper
240 100
120 22.6 11.4 17.2#
236 30.4 23.0 34.6

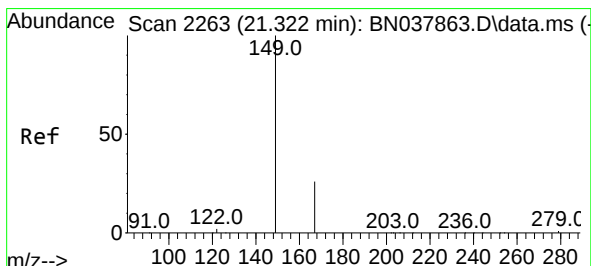
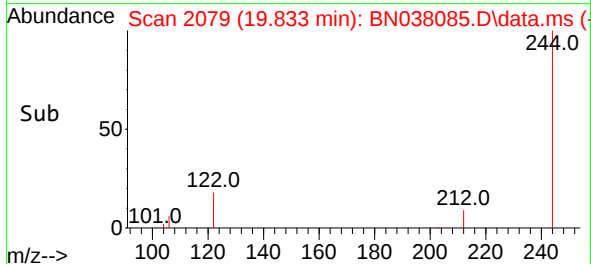
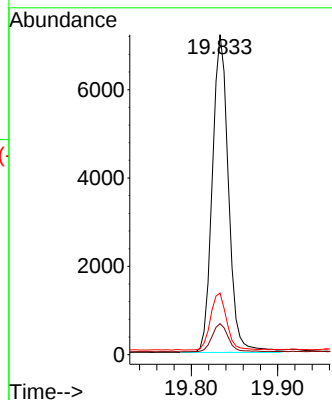
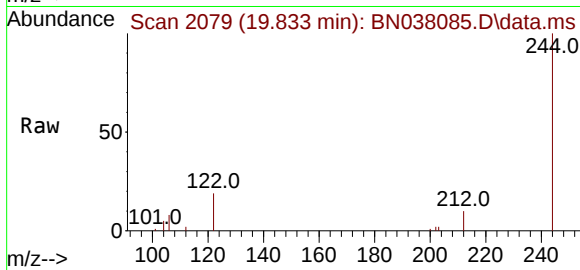




#31
 Terphenyl-d14
 Concen: 0.466 ng
 RT: 19.833 min Scan# 2083
 Delta R.T. -0.019 min
 Lab File: BN038085.D
 Acq: 14 Oct 2025 03:07

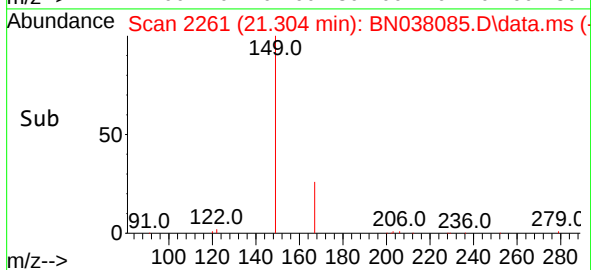
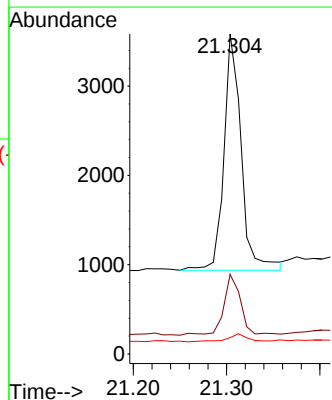
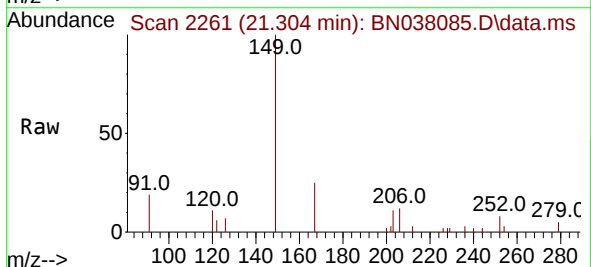
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-740-742

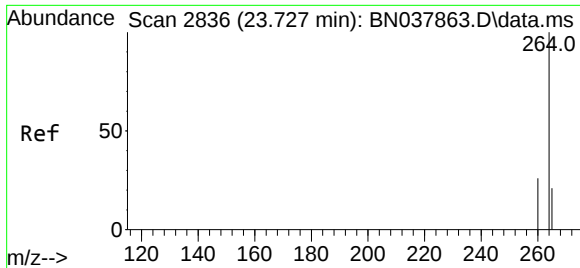
Tgt Ion:244 Resp: 9394
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.6 11.4
 122 19.3 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.243 ng
 RT: 21.304 min Scan# 2261
 Delta R.T. -0.018 min
 Lab File: BN038085.D
 Acq: 14 Oct 2025 03:07

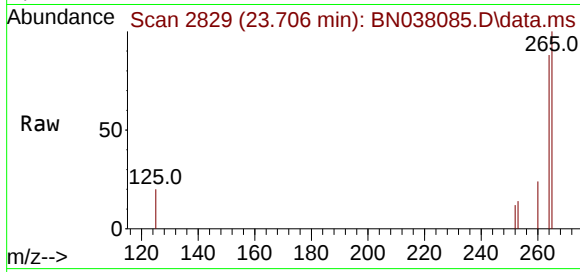
Tgt Ion:149 Resp: 3401
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.4 30.6
 279 4.1 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.706 min Scan# 21
Delta R.T. -0.021 min
Lab File: BN038085.D
Acq: 14 Oct 2025 03:07

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-740-742



Tgt Ion:264 Resp: 9622

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.5	32.3
265	113.3	53.8	80.6#

