

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038054.D
 Acq On : 07 Oct 2025 19:57
 Operator : RC/JU
 Sample : Q3246-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-460-462

Quant Time: Oct 08 01:48:02 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)

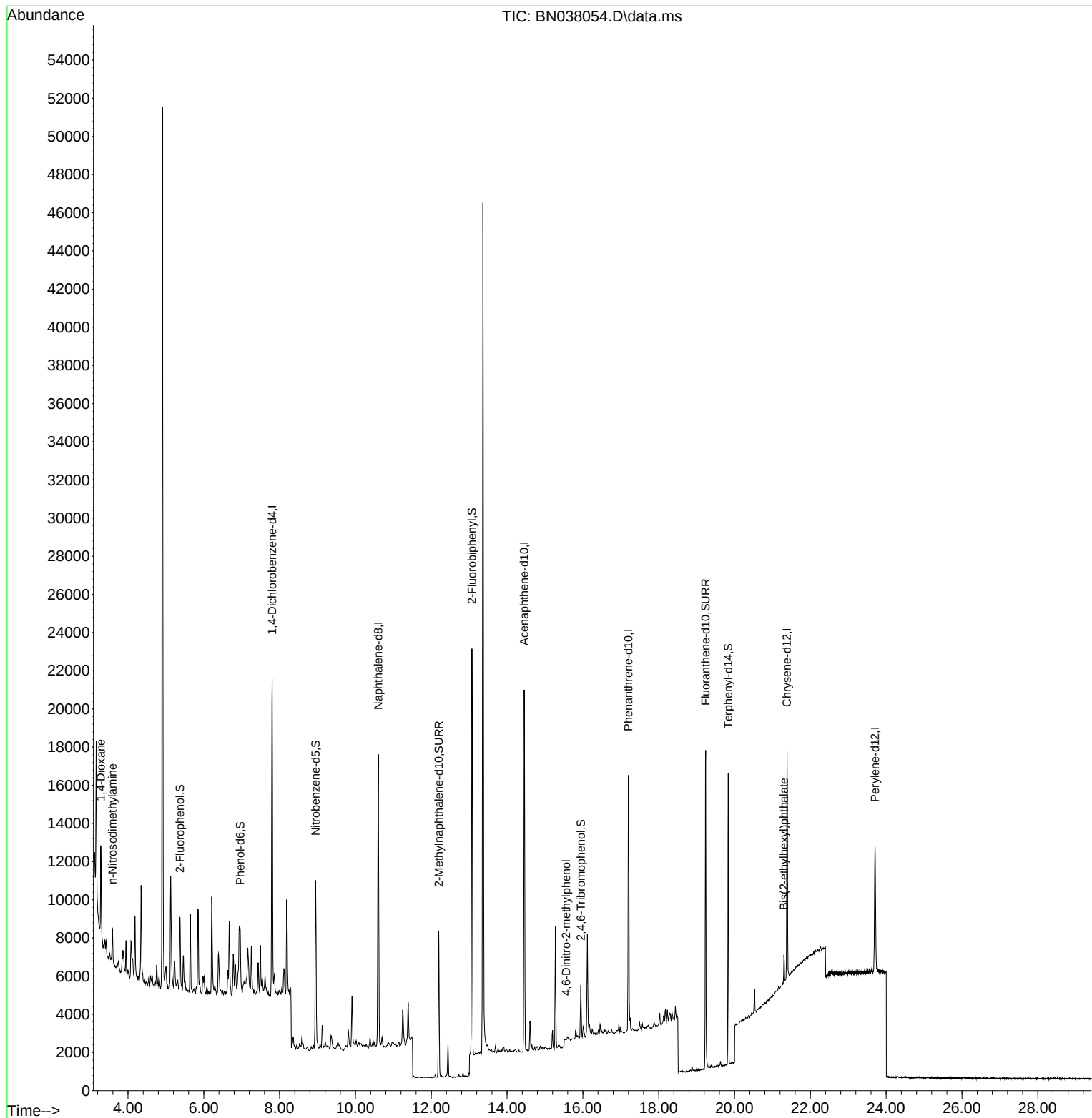
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7009	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	20051	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	10505	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	19075	0.400	ng	#-0.02
29) Chrysene-d12	21.384	240	10580	0.400	ng	#-0.02
35) Perylene-d12	23.706	264	9333	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	2887	0.180	ng	-0.01
5) Phenol-d6	6.959	99	2420	0.115	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6883	0.450	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	9895	0.355	ng	-0.02
14) 2,4,6-Tribromophenol	15.944	330	1460	0.367	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	18229	0.424	ng	-0.02
27) Fluoranthene-d10	19.238	212	17271	0.360	ng	-0.01
31) Terphenyl-d14	19.833	244	13518	0.641	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	2837	0.399	ng	# 72
3) n-Nitrosodimethylamine	3.593	42	250	0.026	ng	# 4
20) 4,6-Dinitro-2-methylph...	15.560	198	2	0.068	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.304	149	1692	0.116	ng	94

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
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BP-VPB-184-GW-460-462

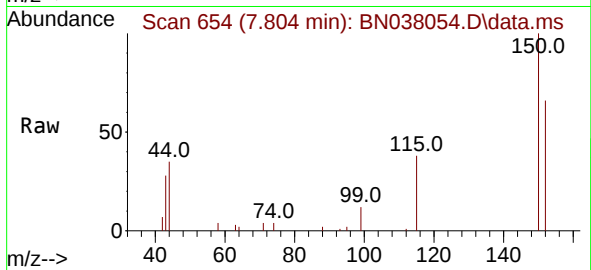
Quant Time: Oct 08 01:48:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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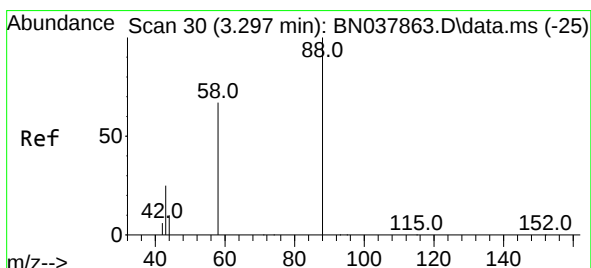
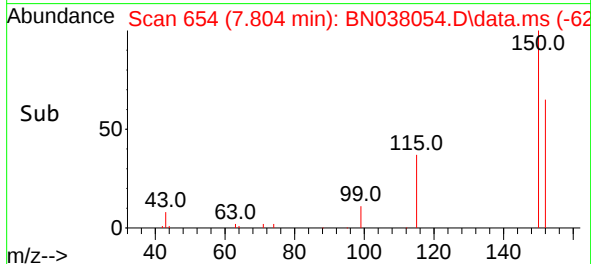
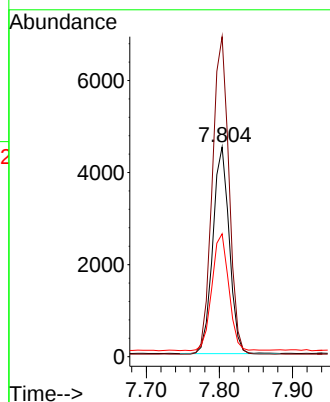
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN038054.D
 Acq: 07 Oct 2025 19:57

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-460-462



Tgt Ion:152 Resp: 7009

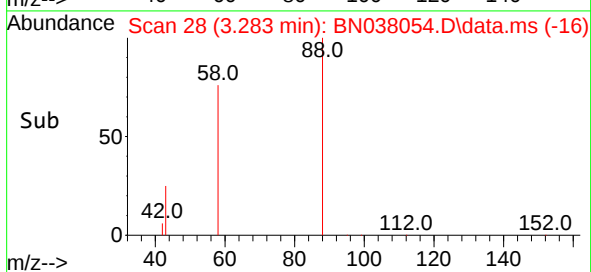
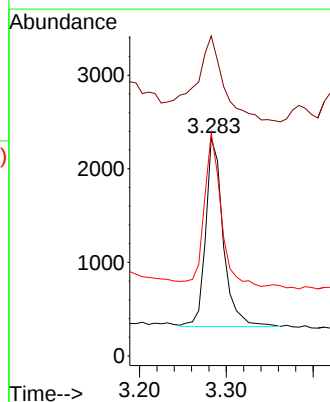
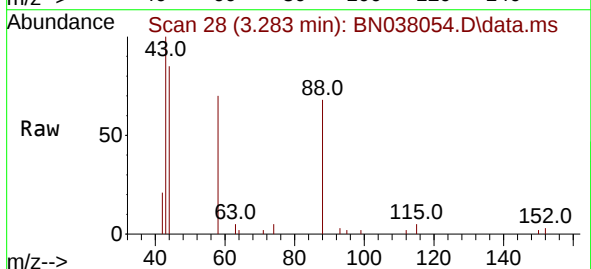
Ion	Ratio	Lower	Upper
152	100		
150	152.6	121.0	181.4
115	58.6	47.4	71.0

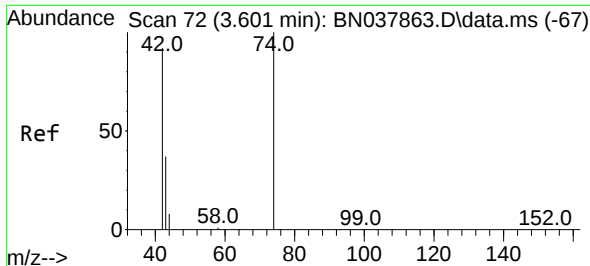


#2
 1,4-Dioxane
 Concen: 0.399 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.015 min
 Lab File: BN038054.D
 Acq: 07 Oct 2025 19:57

Tgt Ion: 88 Resp: 2837

Ion	Ratio	Lower	Upper
88	100		
43	76.7	26.6	39.8
58	78.2	58.9	88.3

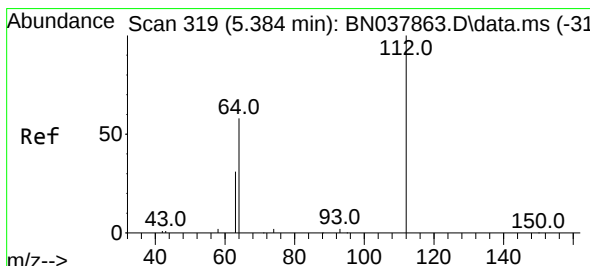
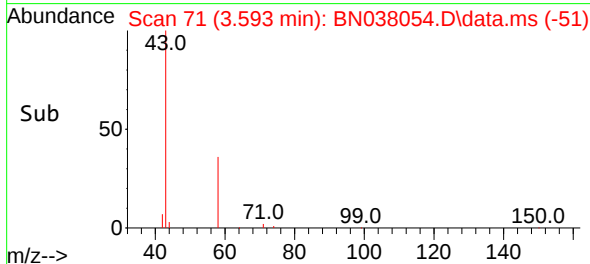
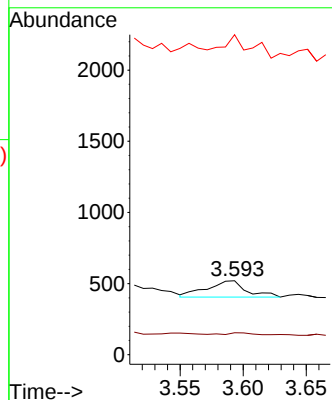
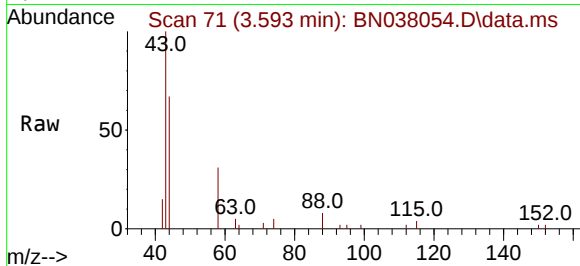




#3
 n-Nitrosodimethylamine
 Concen: 0.026 ng
 RT: 3.593 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN038054.D
 Acq: 07 Oct 2025 19:57

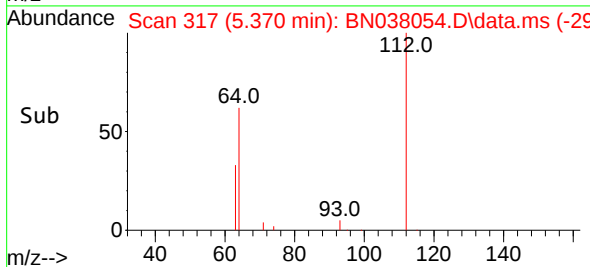
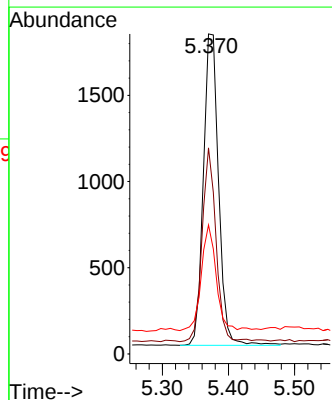
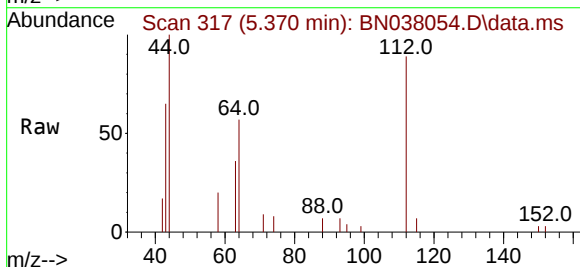
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-460-462

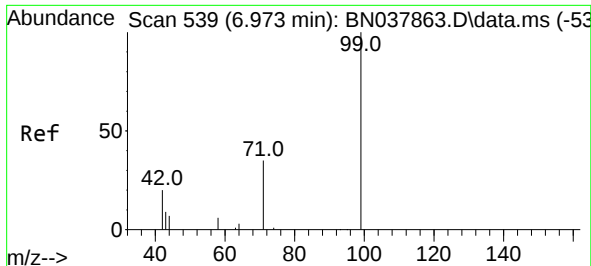
Tgt Ion: 42 Resp: 250
 Ion Ratio Lower Upper
 42 100
 74 12.8 93.4 140.0#
 44 81.2 22.2 33.4#



#4
 2-Fluorophenol
 Concen: 0.180 ng
 RT: 5.370 min Scan# 317
 Delta R.T. -0.015 min
 Lab File: BN038054.D
 Acq: 07 Oct 2025 19:57

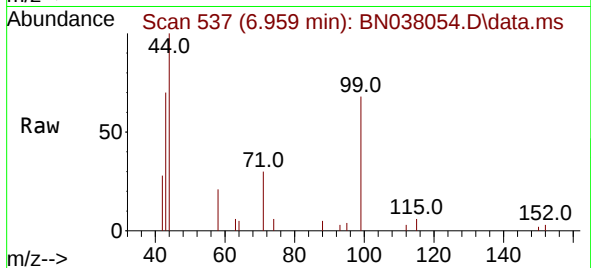
Tgt Ion: 112 Resp: 2887
 Ion Ratio Lower Upper
 112 100
 64 56.4 44.6 66.8
 63 33.6 24.9 37.3



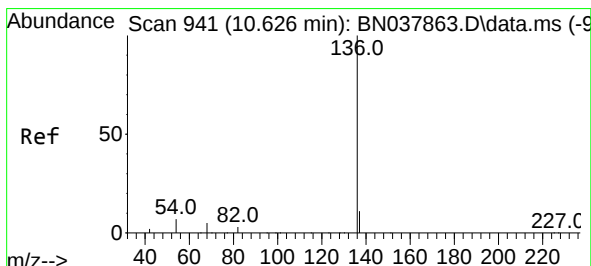
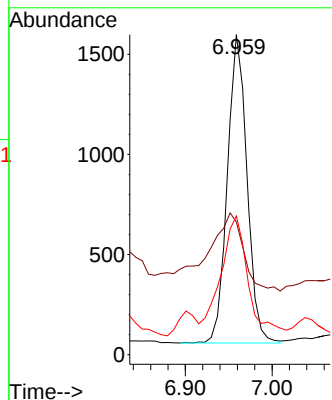
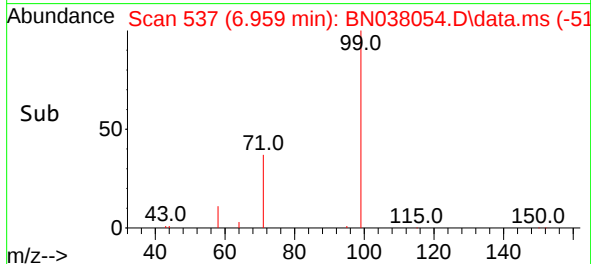


#5
Phenol-d6
Concen: 0.115 ng
RT: 6.959 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN038054.D
Acq: 07 Oct 2025 19:57

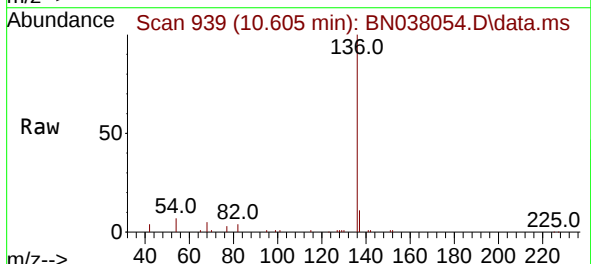
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-460-462



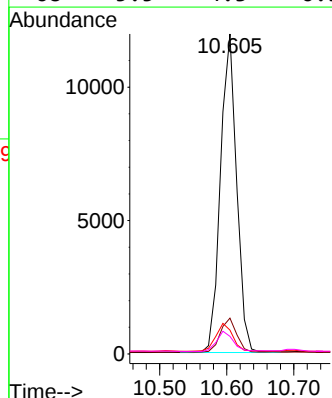
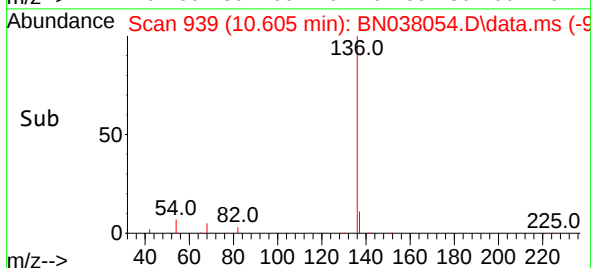
Tgt Ion: 99 Resp: 2420
Ion Ratio Lower Upper
99 100
42 46.8 17.2 25.8#
71 51.4 27.3 40.9#

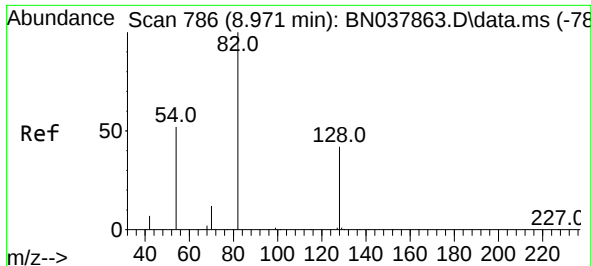


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038054.D
Acq: 07 Oct 2025 19:57



Tgt Ion: 136 Resp: 20051
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.4 5.8 8.8
68 5.5 4.3 6.5

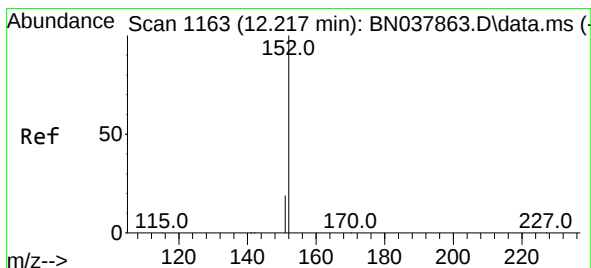
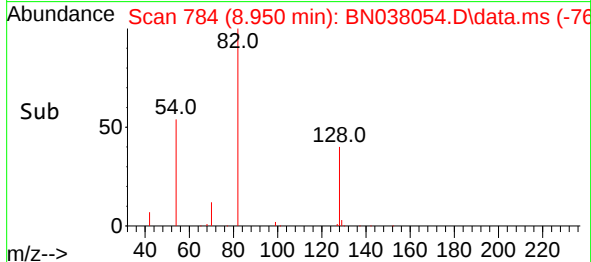
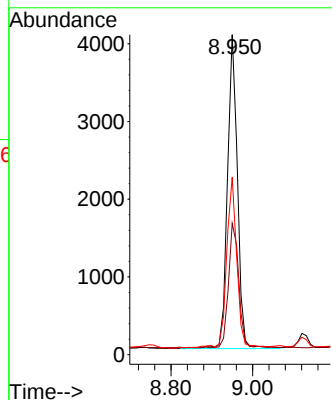
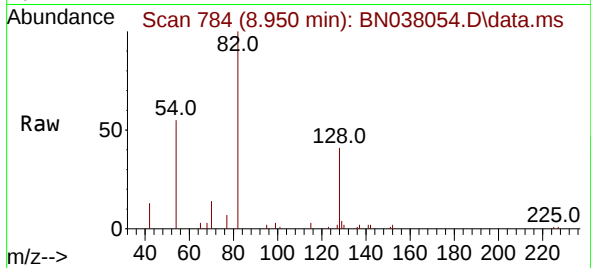




#8
 Nitrobenzene-d5
 Concen: 0.450 ng
 RT: 8.950 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN038054.D
 Acq: 07 Oct 2025 19:57

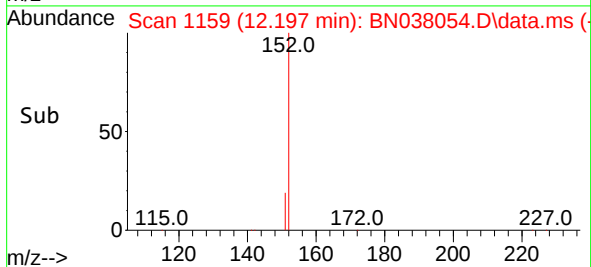
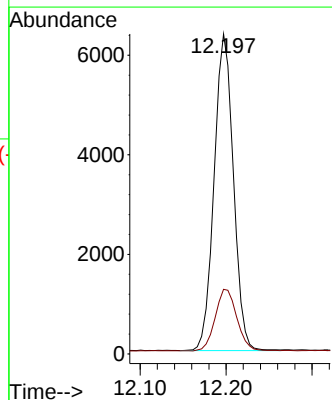
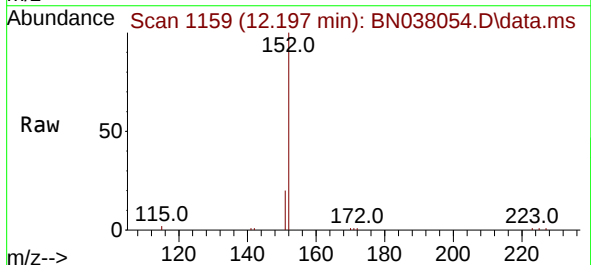
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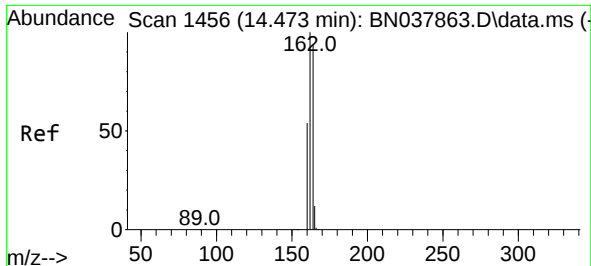
Tgt Ion:	82	Resp:	6883
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.8	52.2
54	55.5	42.2	63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.355 ng
 RT: 12.197 min Scan# 1159
 Delta R.T. -0.020 min
 Lab File: BN038054.D
 Acq: 07 Oct 2025 19:57

Tgt Ion:	152	Resp:	9895
Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.4	26.2

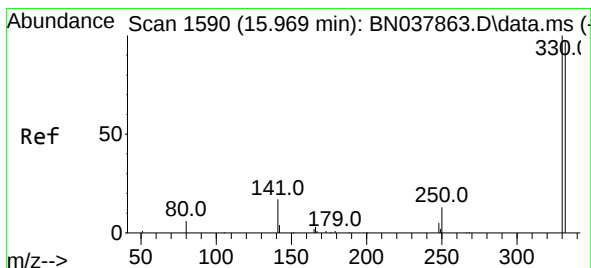
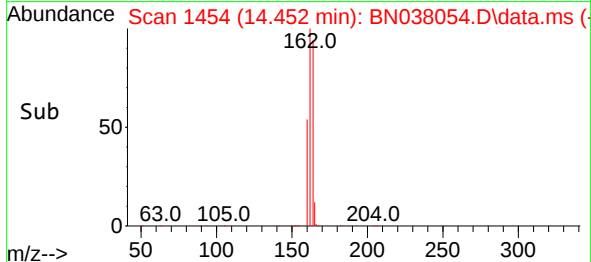
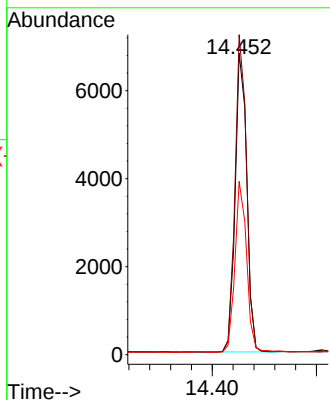
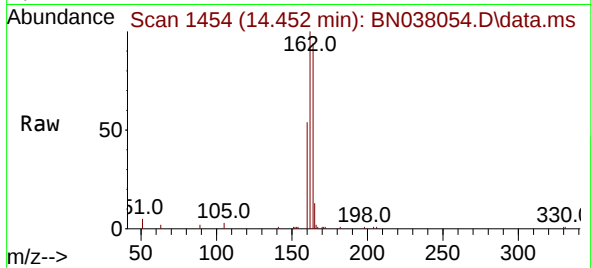




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 14
Delta R.T. -0.022 min
Lab File: BN038054.D
Acq: 07 Oct 2025 19:57

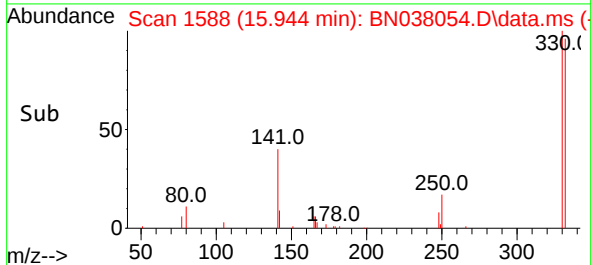
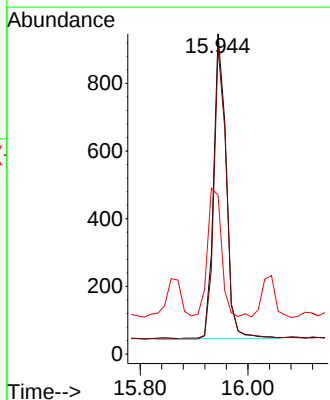
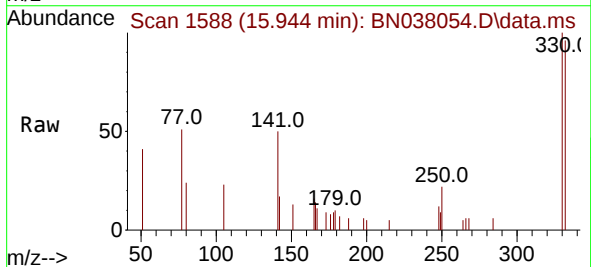
Instrument :
BNA_N
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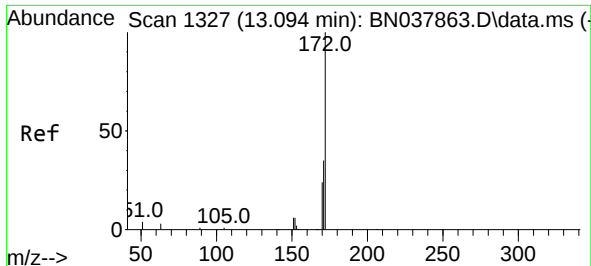
Tgt Ion:164 Resp: 10505
Ion Ratio Lower Upper
164 100
162 106.1 84.8 127.2
160 57.5 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.944 min Scan# 1588
Delta R.T. -0.025 min
Lab File: BN038054.D
Acq: 07 Oct 2025 19:57

Tgt Ion:330 Resp: 1460
Ion Ratio Lower Upper
330 100
332 95.8 77.2 115.8
141 47.4 37.2 55.8

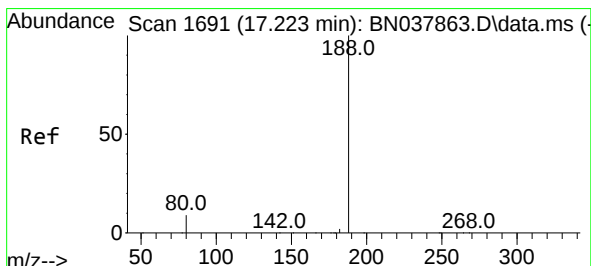
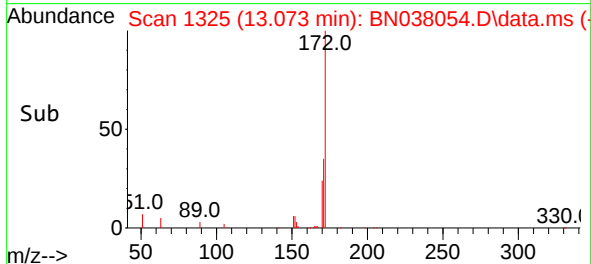
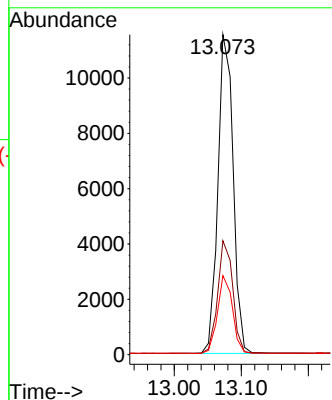
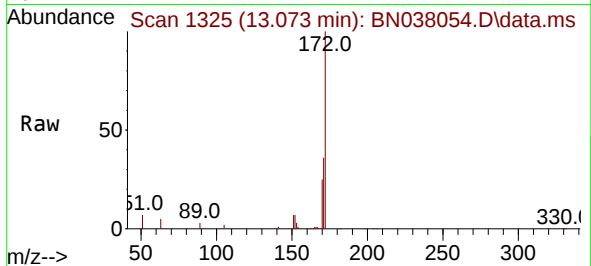




#15
2-Fluorobiphenyl
Concen: 0.424 ng
RT: 13.073 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN038054.D
Acq: 07 Oct 2025 19:57

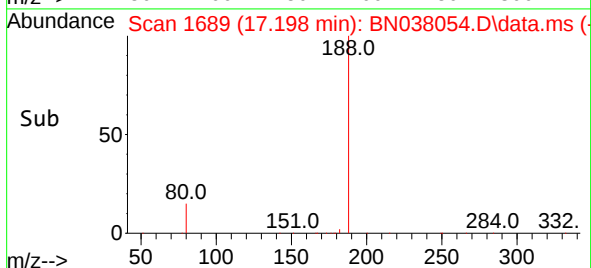
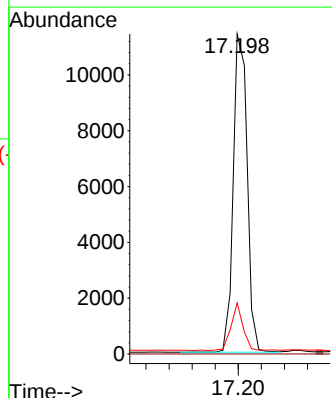
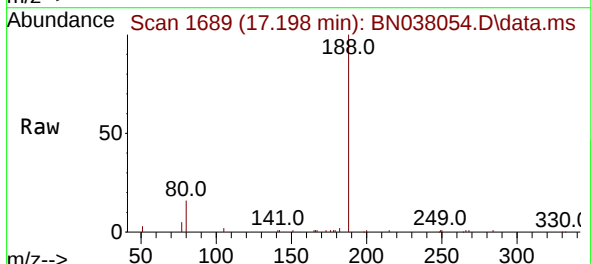
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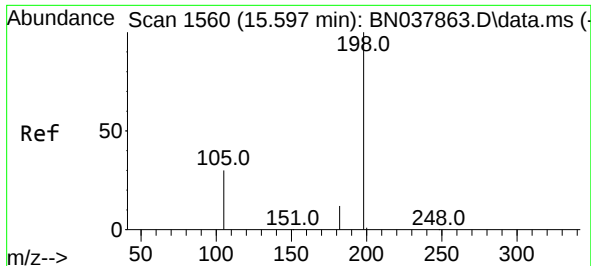
Tgt Ion:172 Resp: 18229
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.7 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038054.D
Acq: 07 Oct 2025 19:57

Tgt Ion:188 Resp: 19075
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 7.6 11.4#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.068 ng

RT: 15.560 min Scan# 1557

Delta R.T. -0.037 min

Lab File: BN038054.D

Acq: 07 Oct 2025 19:57

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-460-462

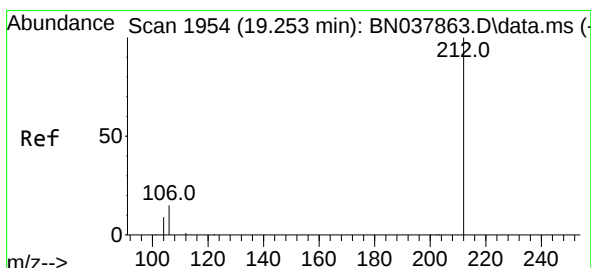
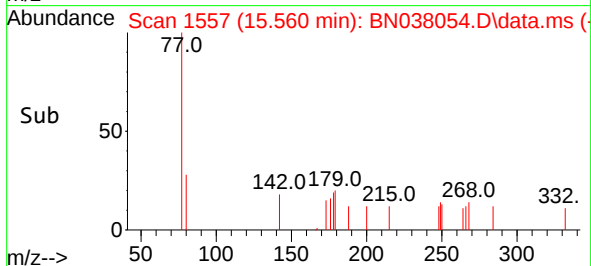
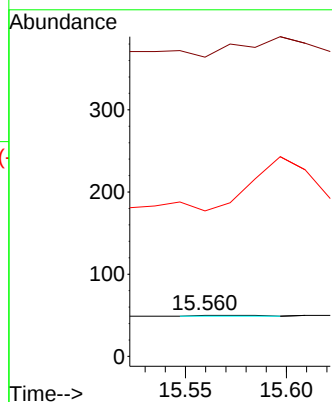
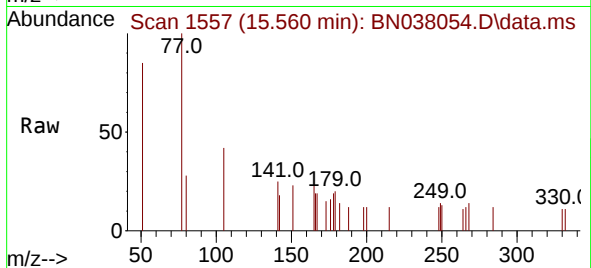
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 728.0 59.1 88.7#

105 354.0 41.3 61.9#



#27

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.238 min Scan# 1951

Delta R.T. -0.014 min

Lab File: BN038054.D

Acq: 07 Oct 2025 19:57

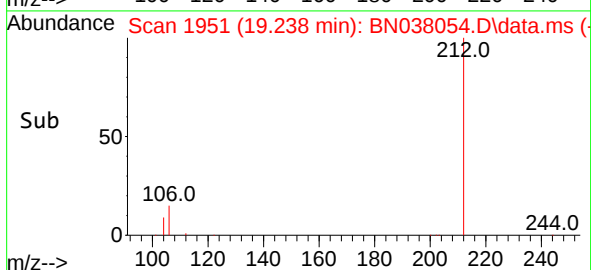
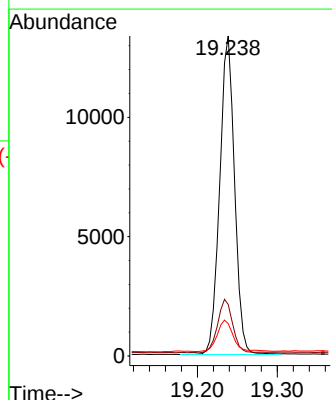
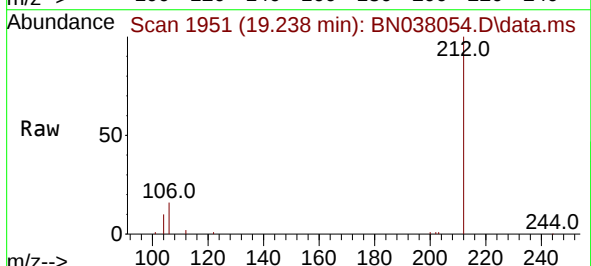
Tgt Ion:212 Resp: 17271

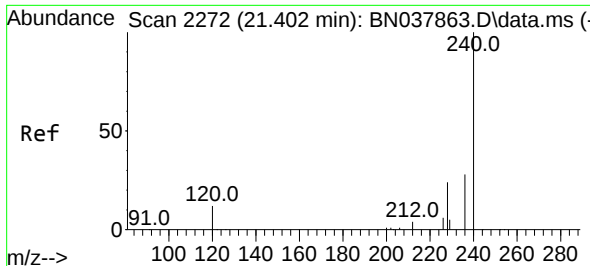
Ion Ratio Lower Upper

212 100

106 17.3 12.6 19.0

104 10.8 7.4 11.0

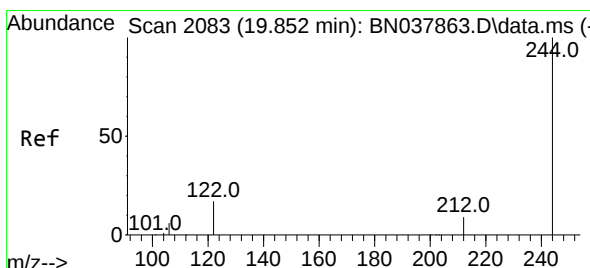
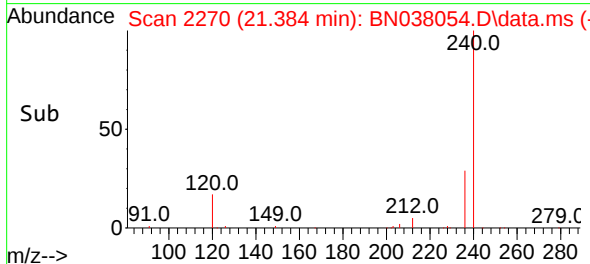
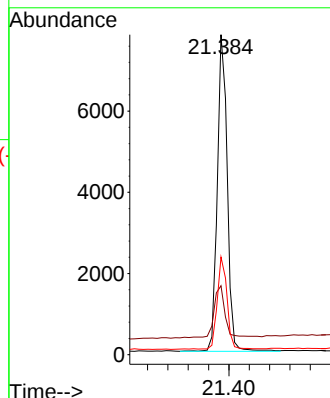
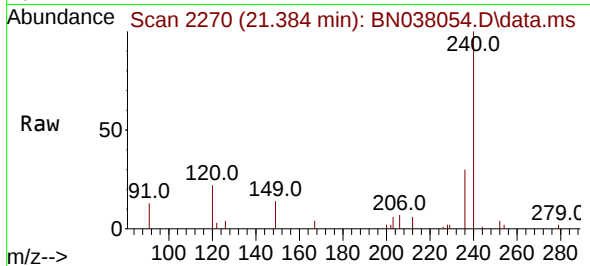




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038054.D
Acq: 07 Oct 2025 19:57

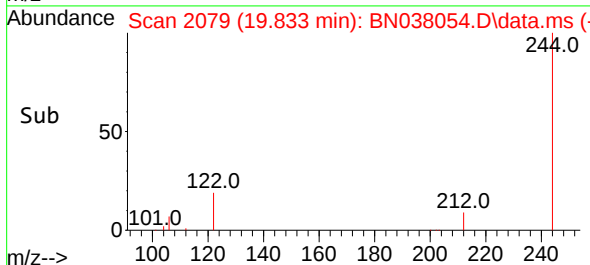
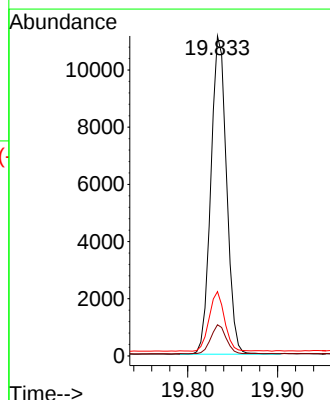
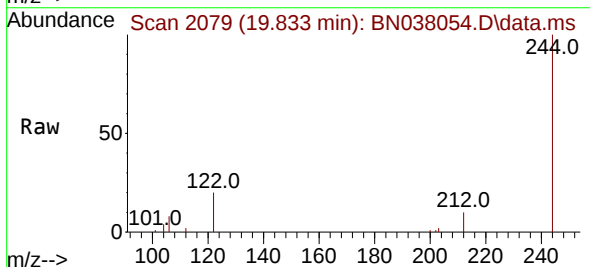
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-460-462

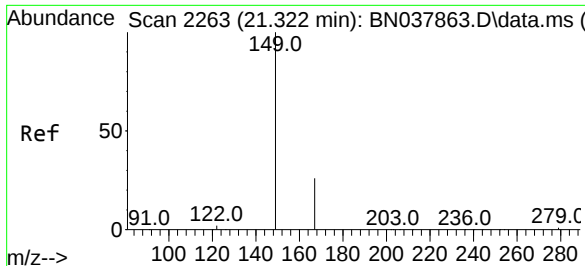
Tgt Ion:240 Resp: 10580
Ion Ratio Lower Upper
240 100
120 21.5 11.4 17.2#
236 30.5 23.0 34.6



#31
Terphenyl-d14
Concen: 0.641 ng
RT: 19.833 min Scan# 2079
Delta R.T. -0.019 min
Lab File: BN038054.D
Acq: 07 Oct 2025 19:57

Tgt Ion:244 Resp: 13518
Ion Ratio Lower Upper
244 100
212 9.8 7.6 11.4
122 20.1 13.9 20.9

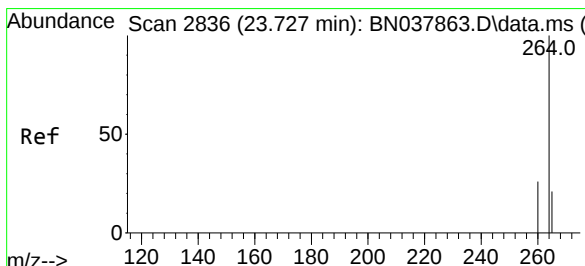
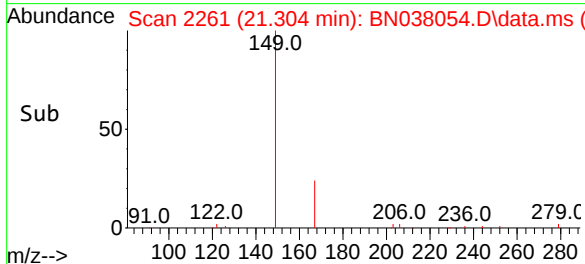
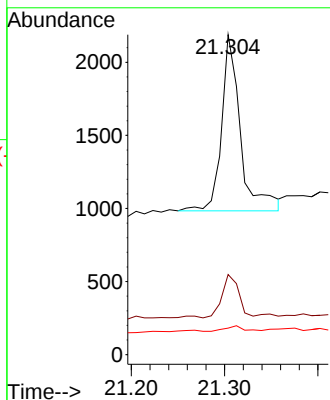
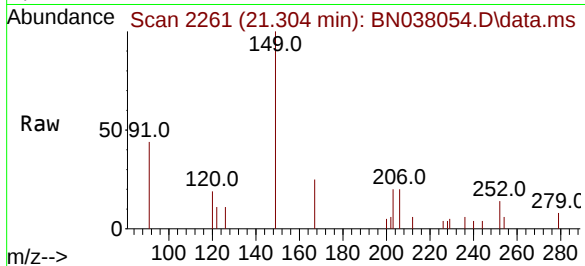




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.116 ng
 RT: 21.304 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN038054.D
 Acq: 07 Oct 2025 19:57

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-460-462

Tgt Ion:149 Resp: 1692
 Ion Ratio Lower Upper
 149 100
 167 21.9 20.4 30.6
 279 3.1 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.706 min Scan# 2829
 Delta R.T. -0.021 min
 Lab File: BN038054.D
 Acq: 07 Oct 2025 19:57

Tgt Ion:264 Resp: 9333
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.5 32.3
 265 106.4 53.8 80.6#

