

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
 Data File : BN037095.D
 Acq On : 27 May 2025 20:00
 Operator : RC/JU
 Sample : Q2118-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-500-502

Quant Time: May 28 14:44:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

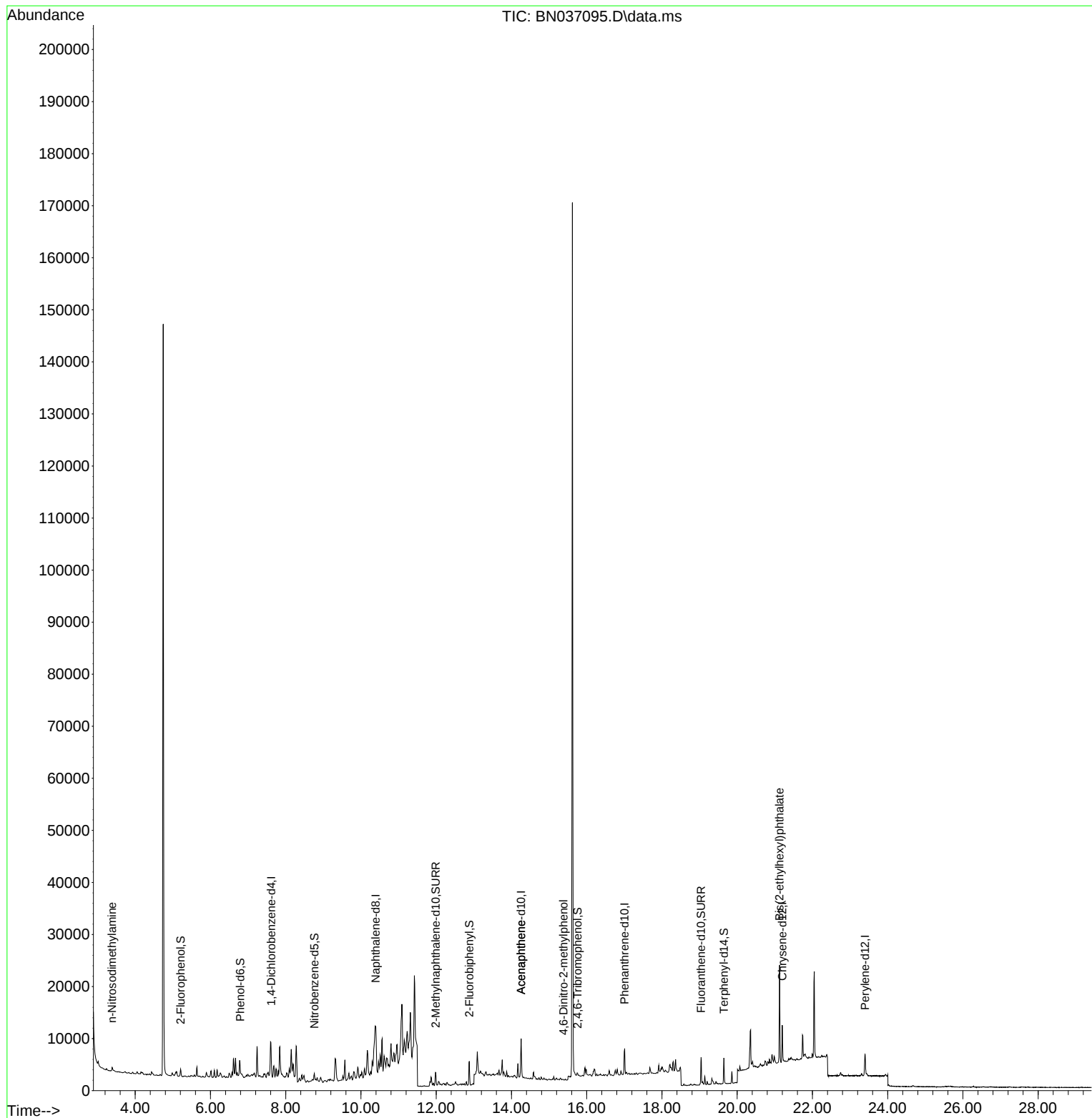
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1916	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5454	0.400	ng	#-0.01
13) Acenaphthene-d10	14.256	164	3779	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	7374	0.400	ng	# 0.00
29) Chrysene-d12	21.197	240	5916	0.400	ng	0.00
35) Perylene-d12	23.398	264	5275	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	599	0.119	ng	0.00
5) Phenol-d6	6.788	99	801	0.128	ng	0.00
8) Nitrobenzene-d5	8.760	82	1352	0.228	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2438	0.318	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	241	0.145	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3847	0.222	ng	-0.01
27) Fluoranthene-d10	19.040	212	5567	0.275	ng	0.00
31) Terphenyl-d14	19.644	244	4470	0.353	ng	-0.01
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.386	42	296	0.059	ng	# 5
17) Acenaphthene	14.256	154	246	0.020	ng	# 52
20) 4,6-Dinitro-2-methylph...	15.378	198	20	0.037	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	15760	1.149	ng	99

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

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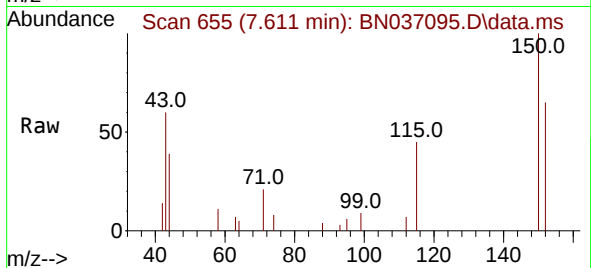
Quant Time: May 28 14:44:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration





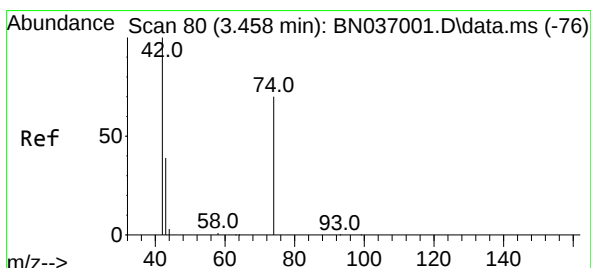
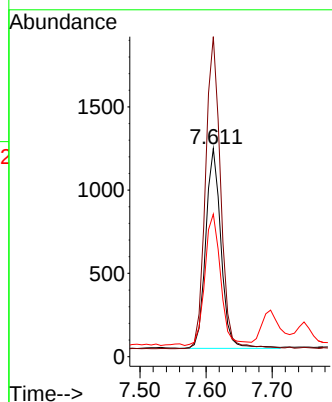
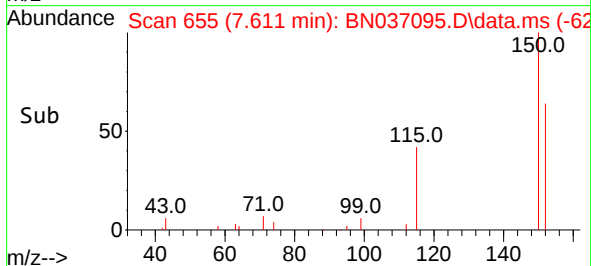
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037095.D
 Acq: 27 May 2025 20:00

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-500-502



Tgt Ion:152 Resp: 1916

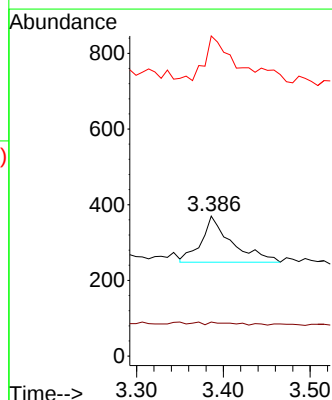
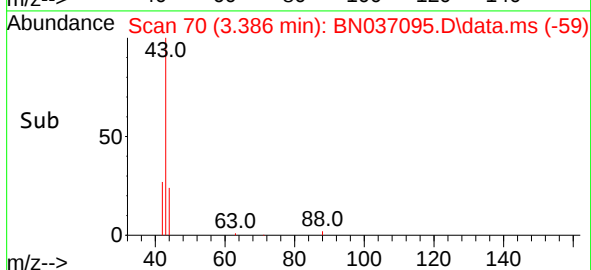
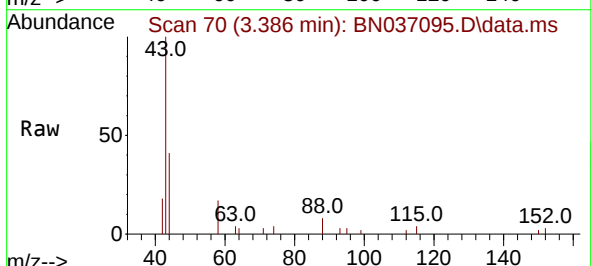
Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.9	185.9
115	68.5	55.8	83.8

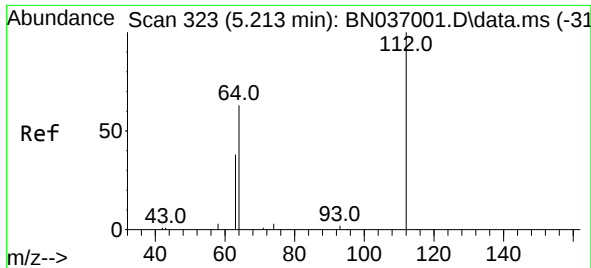


#3
 n-Nitrosodimethylamine
 Concen: 0.059 ng
 RT: 3.386 min Scan# 70
 Delta R.T. -0.072 min
 Lab File: BN037095.D
 Acq: 27 May 2025 20:00

Tgt Ion: 42 Resp: 296

Ion	Ratio	Lower	Upper
42	100		
74	1.7	59.8	89.6#
44	73.6	11.9	17.9#

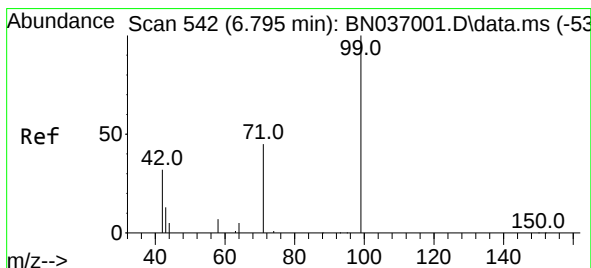
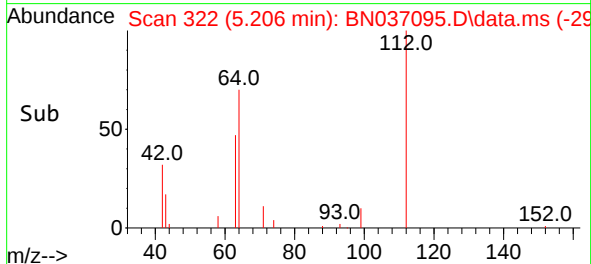
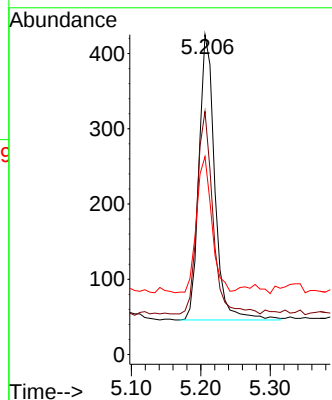
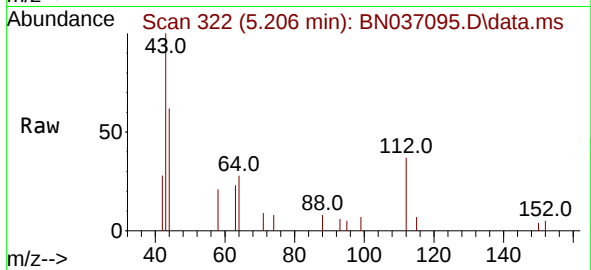




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.206 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

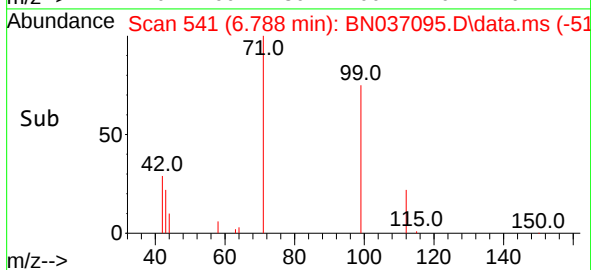
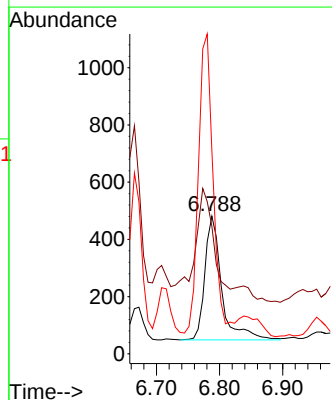
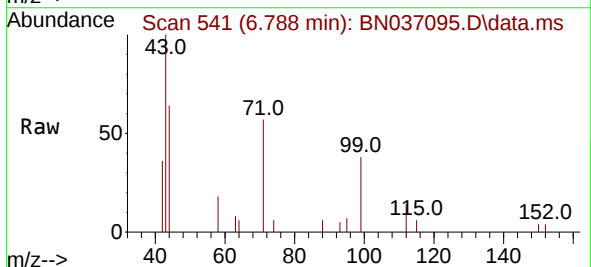
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-500-502

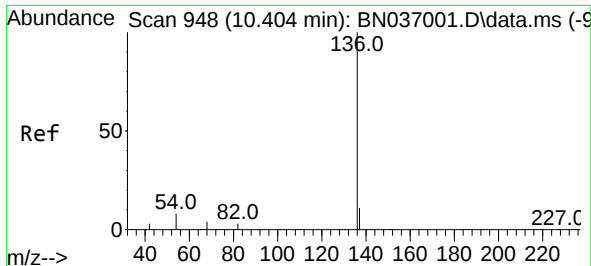
Tgt Ion:112 Resp: 599
Ion Ratio Lower Upper
112 100
64 71.1 55.7 83.5
63 46.6 34.6 51.8



#5
Phenol-d6
Concen: 0.128 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

Tgt Ion: 99 Resp: 801
Ion Ratio Lower Upper
99 100
42 76.3 29.3 43.9#
71 210.6 35.7 53.5#

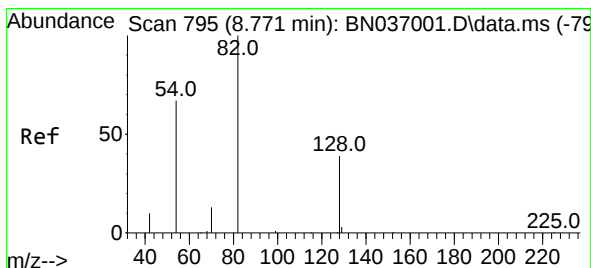
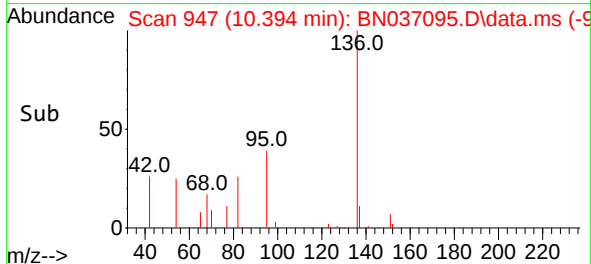
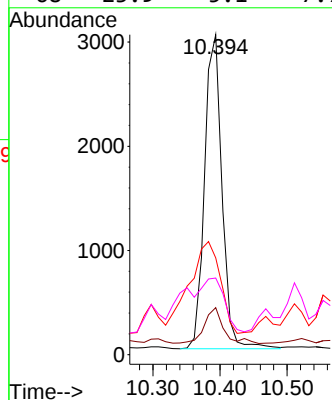
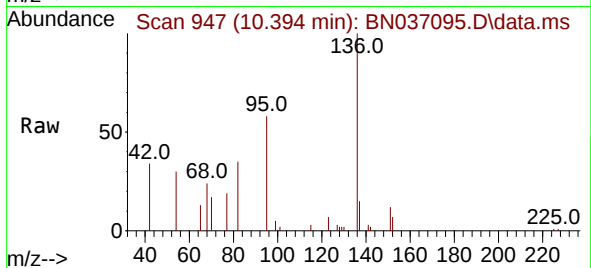




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

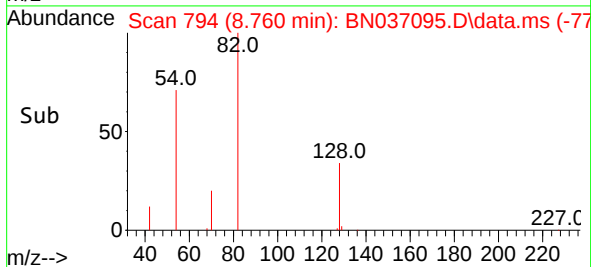
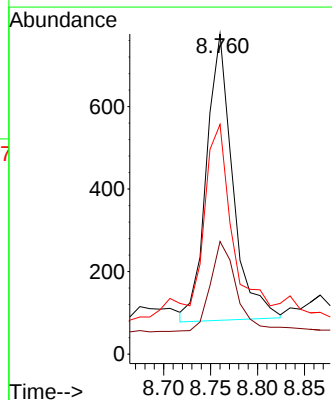
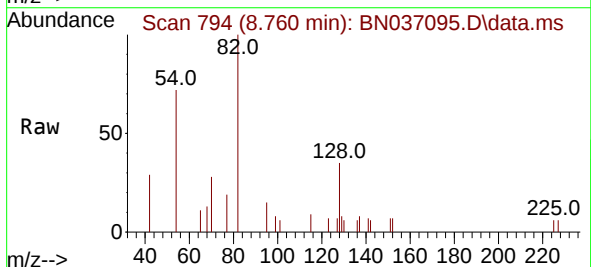
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-500-502

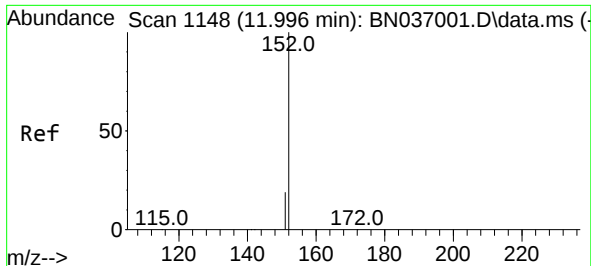
Tgt Ion:	136	Resp:	5454
Ion	Ratio	Lower	Upper
136	100		
137	14.7	10.4	15.6
54	30.3	8.5	12.7#
68	23.9	5.1	7.7#



#8
Nitrobenzene-d5
Concen: 0.228 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

Tgt Ion:	82	Resp:	1352
Ion	Ratio	Lower	Upper
82	100		
128	35.2	34.0	51.0
54	71.8	55.0	82.4

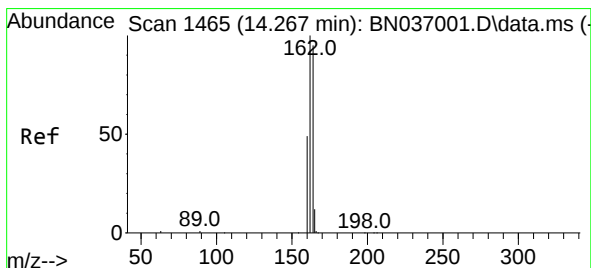
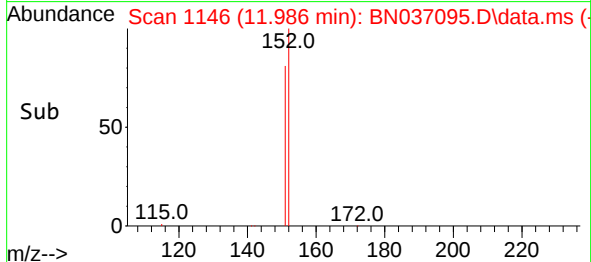
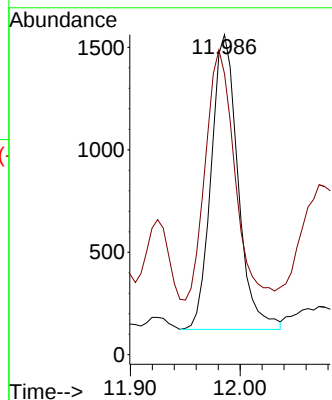
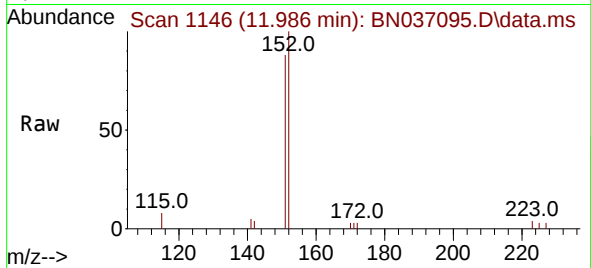




#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

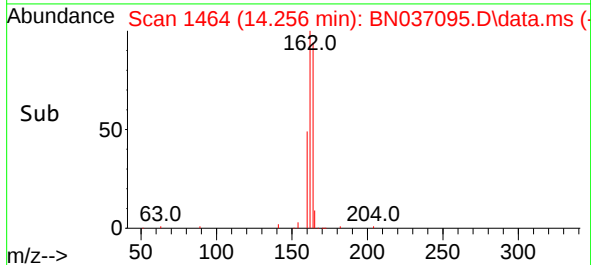
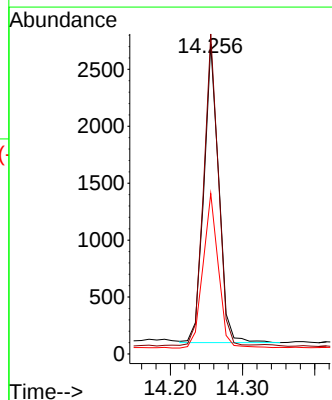
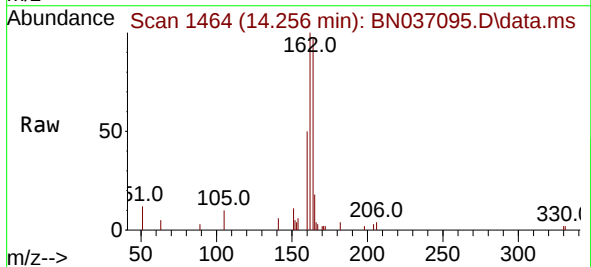
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ClientSampleId :
BP-VPB-182-GW-500-502

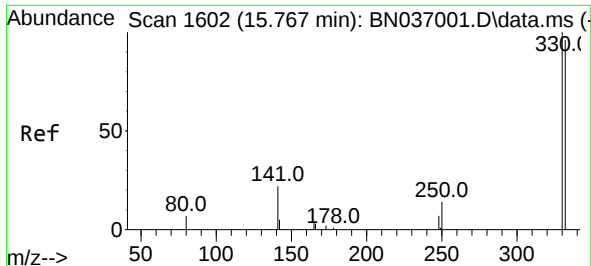
Tgt Ion:152 Resp: 2438
Ion Ratio Lower Upper
152 100
151 91.8 17.5 26.3#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

Tgt Ion:164 Resp: 3779
Ion Ratio Lower Upper
164 100
162 103.3 84.2 126.4
160 51.8 42.6 63.8

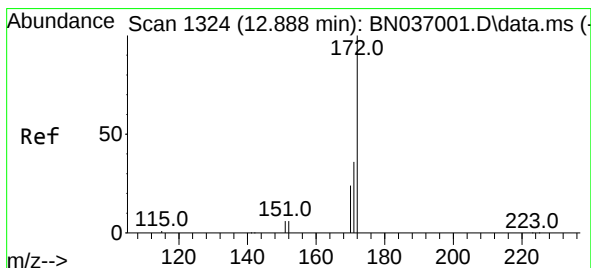
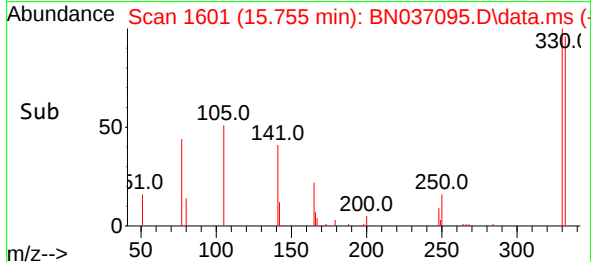
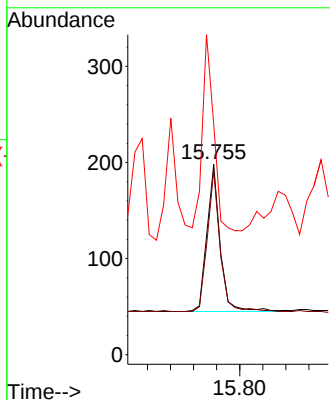
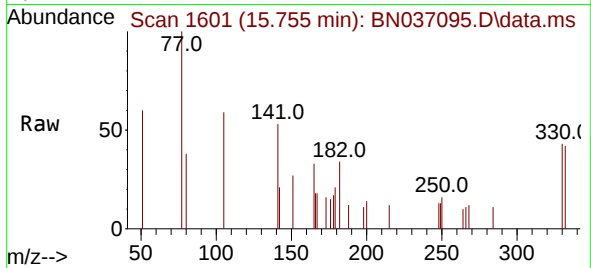




#14
2,4,6-Tribromophenol
Concen: 0.145 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

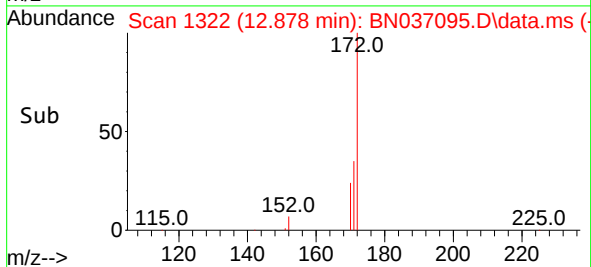
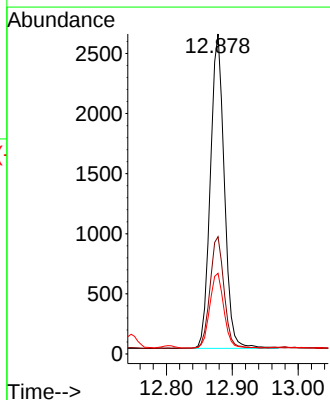
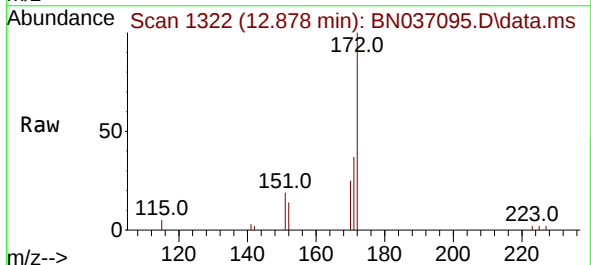
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BNA_N
ClientSampleId :
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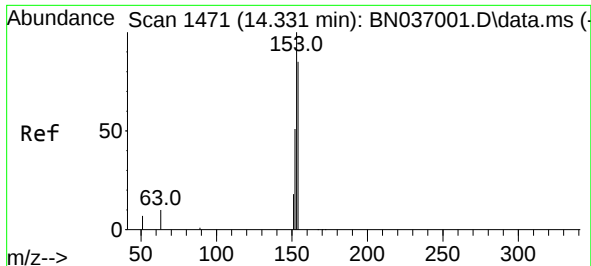
Tgt Ion:330 Resp: 241
Ion Ratio Lower Upper
330 100
332 92.5 73.8 110.8
141 127.0 43.9 65.9#



#15
2-Fluorobiphenyl
Concen: 0.222 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

Tgt Ion:172 Resp: 3847
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 25.2 20.5 30.7

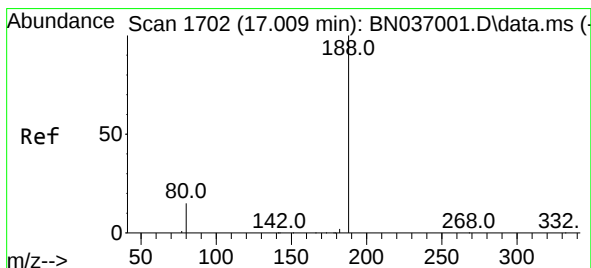
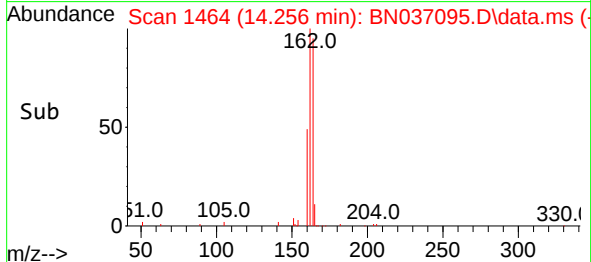
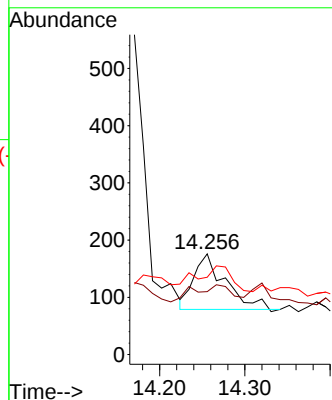
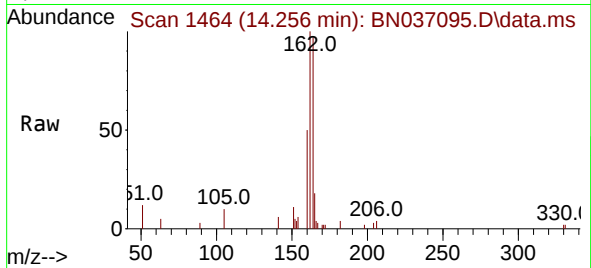




#17
Acenaphthene
Concen: 0.020 ng
RT: 14.256 min Scan# 1471
Delta R.T. -0.075 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

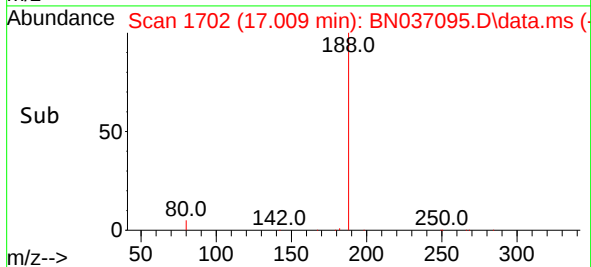
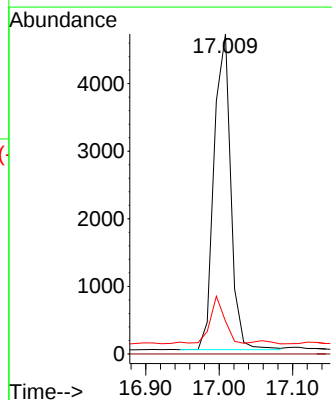
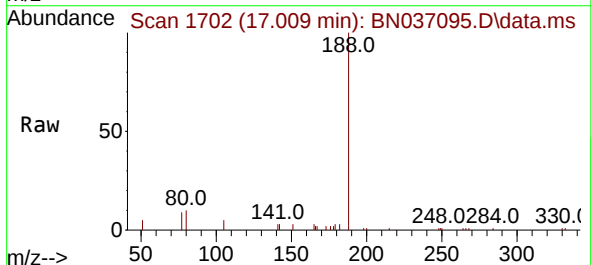
Instrument :
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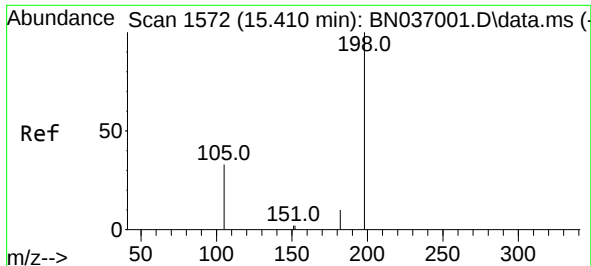
Tgt Ion:154 Resp: 246
Ion Ratio Lower Upper
154 100
153 40.7 94.2 141.4#
152 56.5 49.4 74.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

Tgt Ion:188 Resp: 7374
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 13.4 20.0#

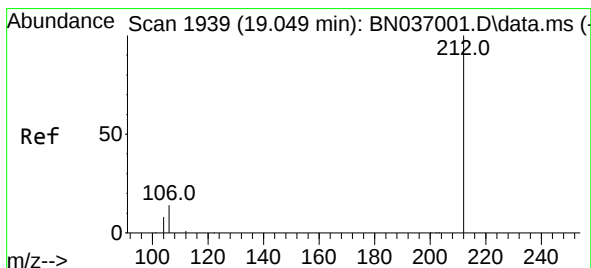
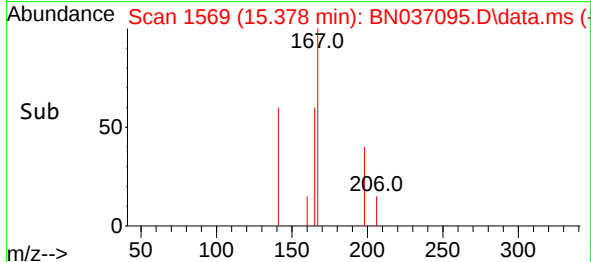
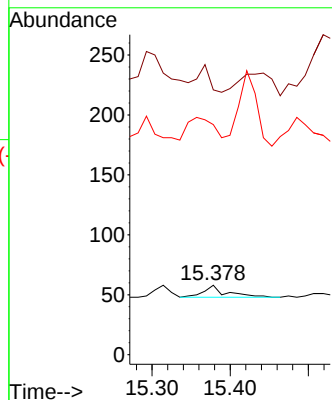
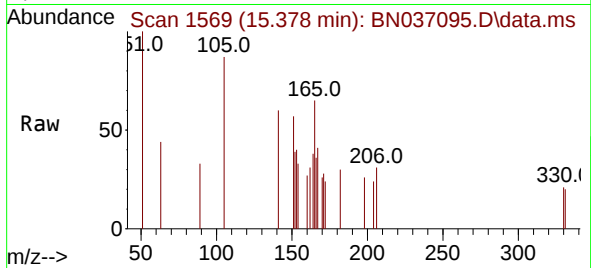




#20
4,6-Dinitro-2-methylphenol
Concen: 0.037 ng
RT: 15.378 min Scan# 1569
Delta R.T. -0.032 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

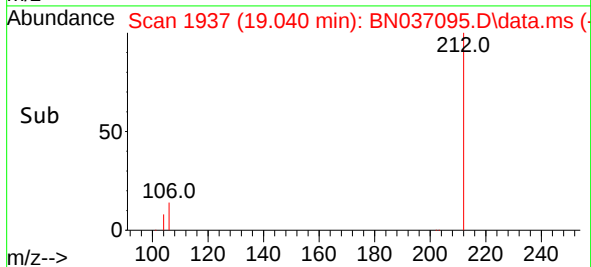
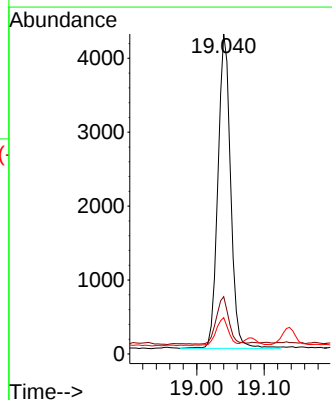
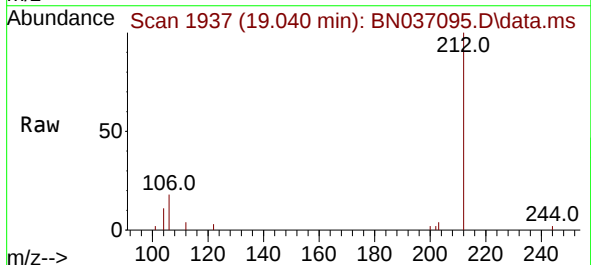
Instrument :
BNA_N
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BP-VPB-182-GW-500-502

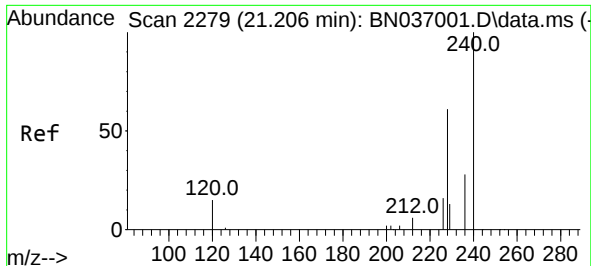
Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 381.0 87.8 131.6#
105 331.0 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.275 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

Tgt Ion:212 Resp: 5567
Ion Ratio Lower Upper
212 100
106 14.8 11.3 16.9
104 8.5 6.7 10.1

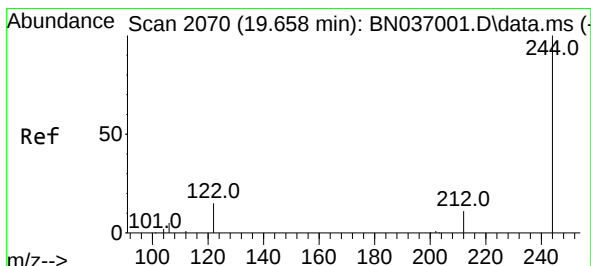
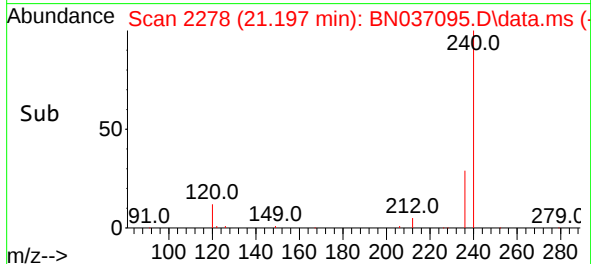
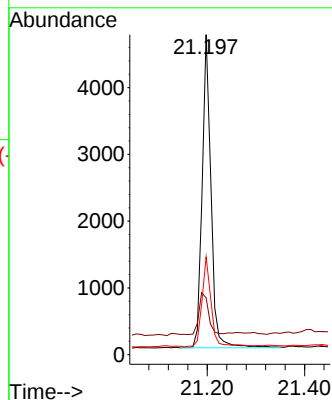
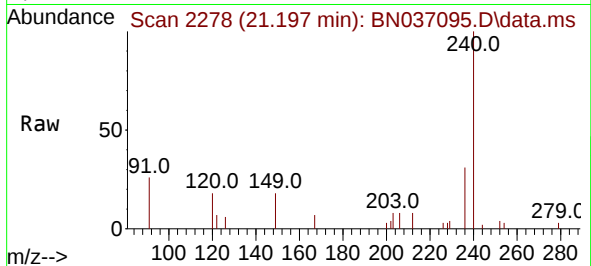




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.197 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

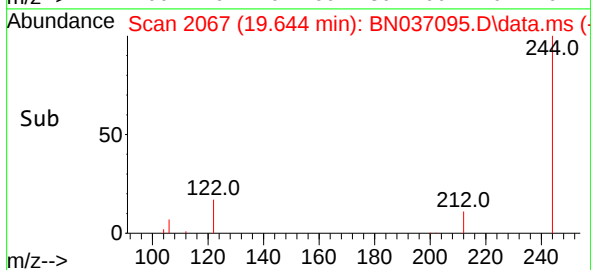
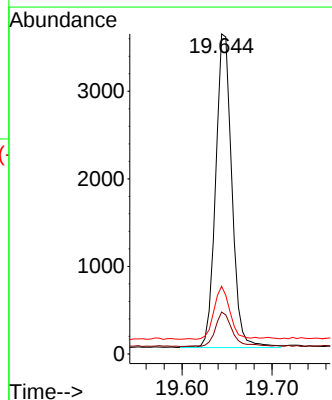
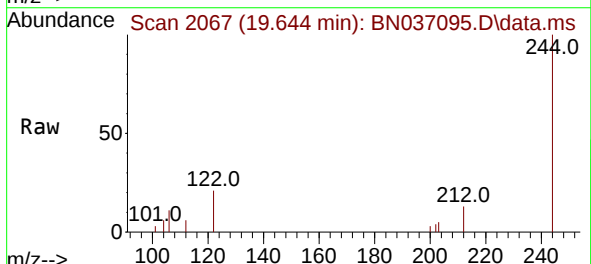
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-500-502

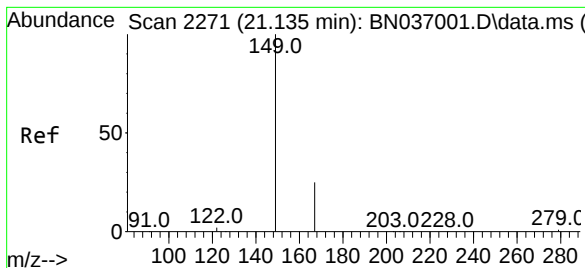
Tgt Ion:240 Resp: 5916
Ion Ratio Lower Upper
240 100
120 17.7 15.1 22.7
236 30.6 24.0 36.0



#31
Terphenyl-d14
Concen: 0.353 ng
RT: 19.644 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN037095.D
Acq: 27 May 2025 20:00

Tgt Ion:244 Resp: 4470
Ion Ratio Lower Upper
244 100
212 13.1 9.7 14.5
122 21.1 13.4 20.0#

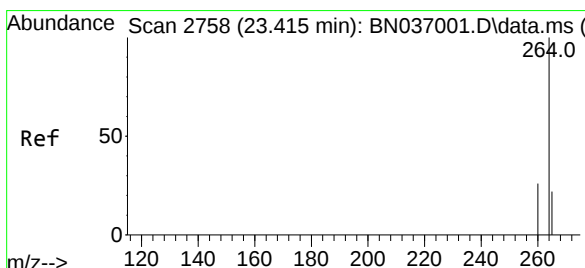
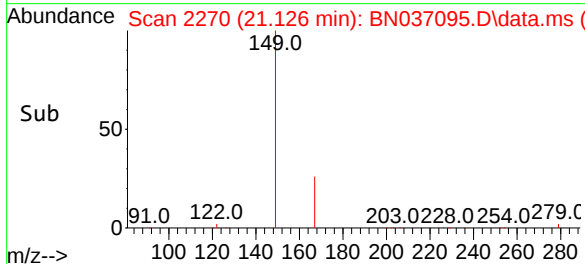
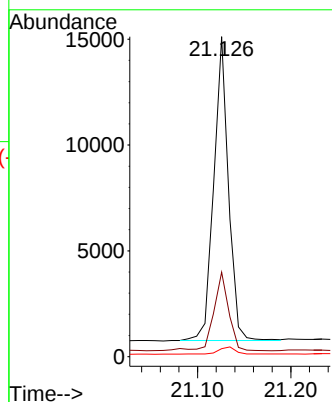
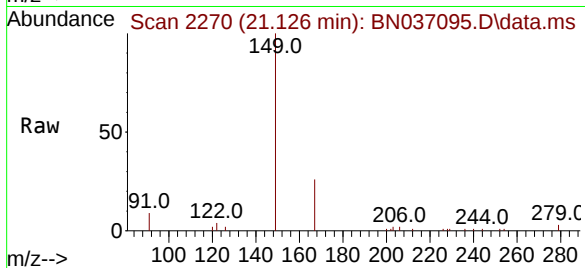




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.149 ng
 RT: 21.126 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN037095.D
 Acq: 27 May 2025 20:00

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-500-502

Tgt Ion:149 Resp: 15760
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.6 30.8
 279 2.7 2.6 3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.398 min Scan# 2752
 Delta R.T. -0.018 min
 Lab File: BN037095.D
 Acq: 27 May 2025 20:00

Tgt Ion:264 Resp: 5275
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.9 32.9
 265 64.7 51.6 77.4

