

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037115.D
 Acq On : 28 May 2025 18:59
 Operator : RC/JU
 Sample : Q2082-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-300-302

Quant Time: May 29 01:32:18 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)

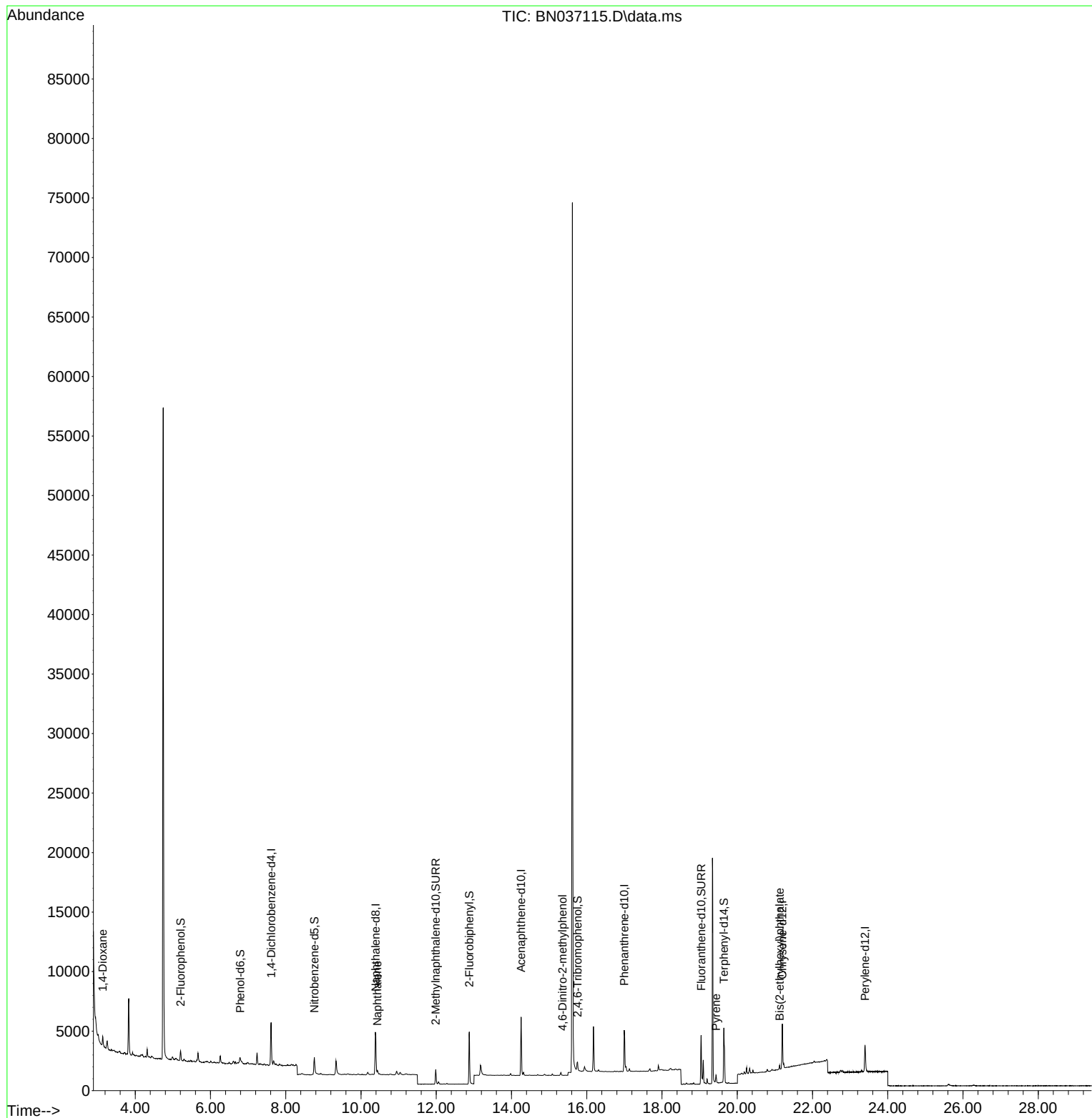
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1749	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4761	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2641	0.400	ng	-0.01
19) Phenanthrene-d10	16.996	188	5103	0.400	ng	-0.01
29) Chrysene-d12	21.198	240	3511	0.400	ng	# 0.00
35) Perylene-d12	23.398	264	2983	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	554	0.121	ng	0.00
5) Phenol-d6	6.788	99	415	0.072	ng	0.00
8) Nitrobenzene-d5	8.760	82	1335	0.258	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1713	0.256	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	416	0.359	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3978	0.329	ng	0.00
27) Fluoranthene-d10	19.040	212	4536	0.324	ng	0.00
31) Terphenyl-d14	19.644	244	3979	0.530	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.133	88	478	0.223	ng	# 62
9) Naphthalene	10.436	128	367	0.026	ng	# 65
20) 4,6-Dinitro-2-methylph...	15.357	198	3	0.027	ng	# 1
30) Pyrene	19.435	202	371	0.025	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.126	149	393	0.048	ng	# 91

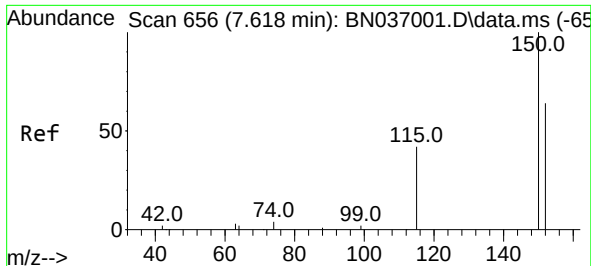
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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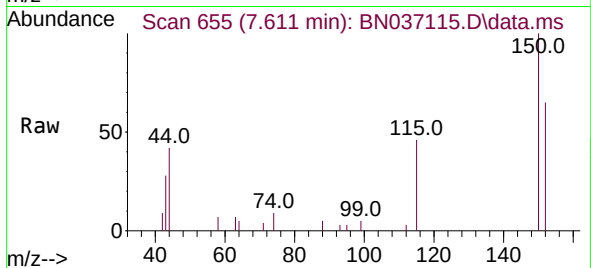
Quant Time: May 29 01:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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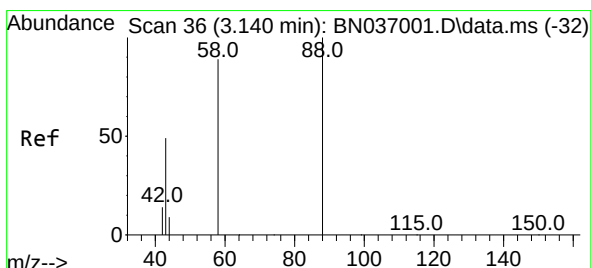
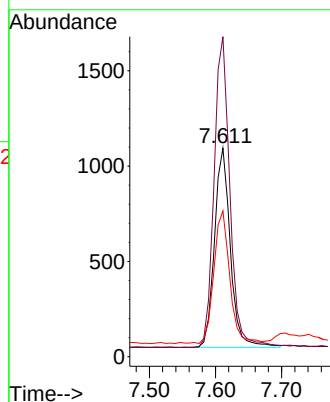
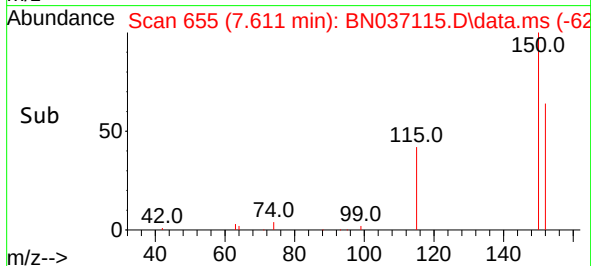
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037115.D
 Acq: 28 May 2025 18:59

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-300-302

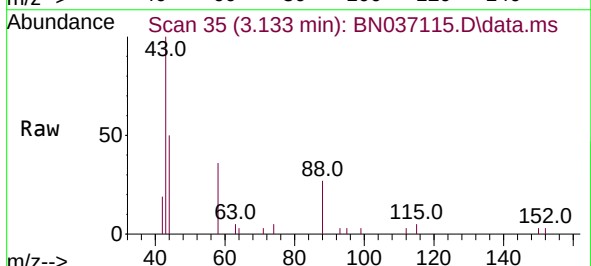


Tgt Ion:152 Resp: 1749

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.9	185.9
115	69.9	55.8	83.8

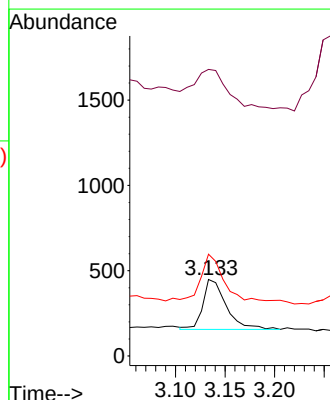
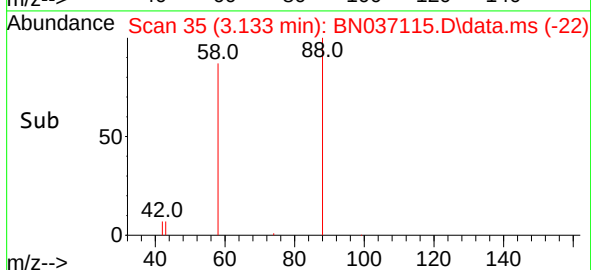


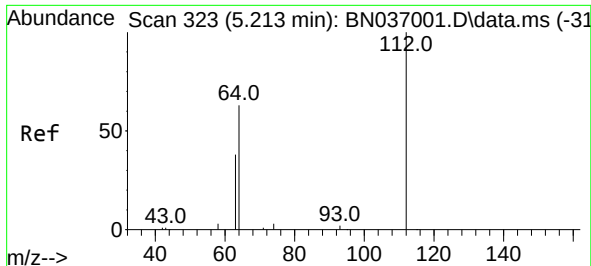
#2
 1,4-Dioxane
 Concen: 0.223 ng
 RT: 3.133 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN037115.D
 Acq: 28 May 2025 18:59



Tgt Ion: 88 Resp: 478

Ion	Ratio	Lower	Upper
88	100		
43	114.9	37.4	56.0
58	88.5	68.8	103.2





#4

2-Fluorophenol

Concen: 0.121 ng

RT: 5.206 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN037115.D

Acq: 28 May 2025 18:59

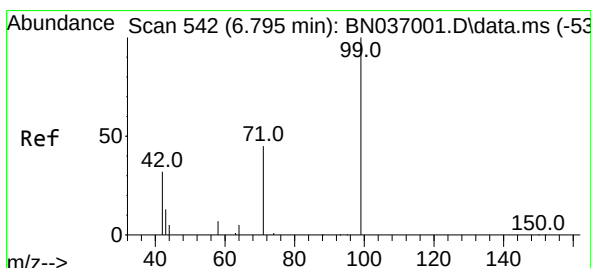
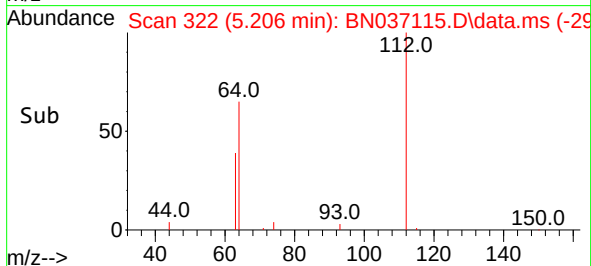
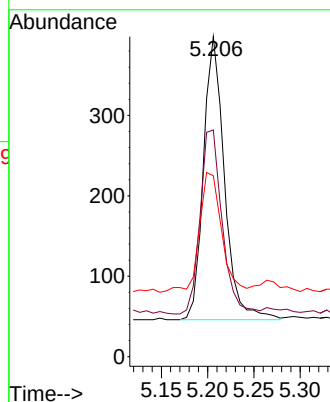
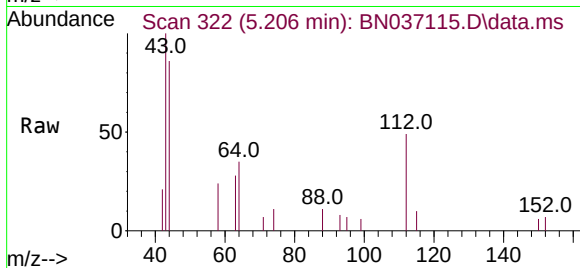
Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-300-302

Tgt Ion:	112	Resp:	554
Ion Ratio	Lower	Upper	
112	100		
64	68.4	55.7	83.5
63	46.4	34.6	51.8



#5

Phenol-d6

Concen: 0.072 ng

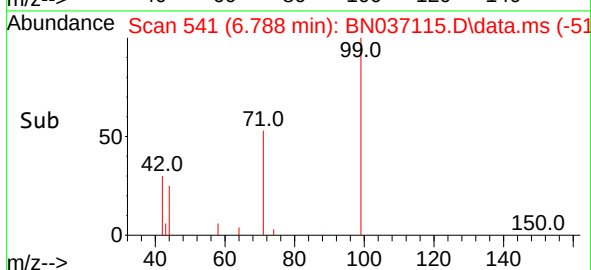
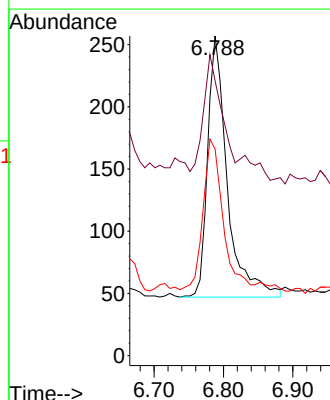
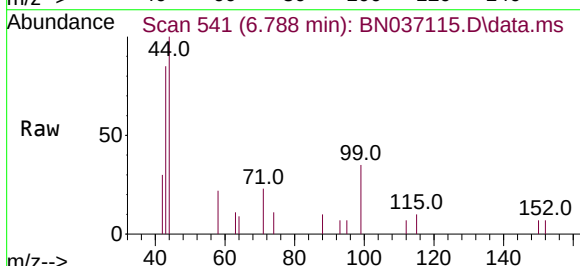
RT: 6.788 min Scan# 541

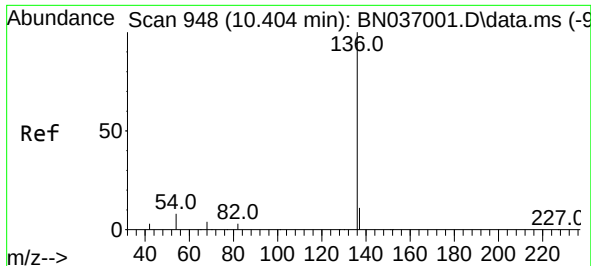
Delta R.T. -0.007 min

Lab File: BN037115.D

Acq: 28 May 2025 18:59

Tgt Ion:	99	Resp:	415
Ion Ratio	Lower	Upper	
99	100		
42	40.2	29.3	43.9
71	57.6	35.7	53.5

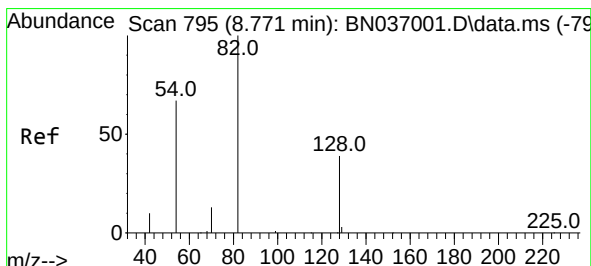
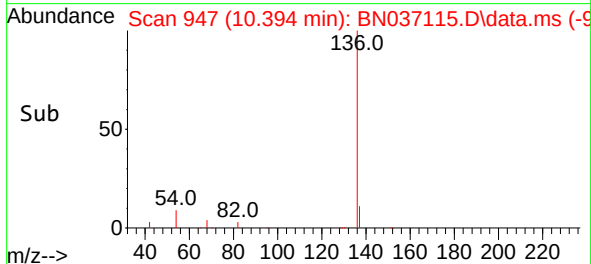
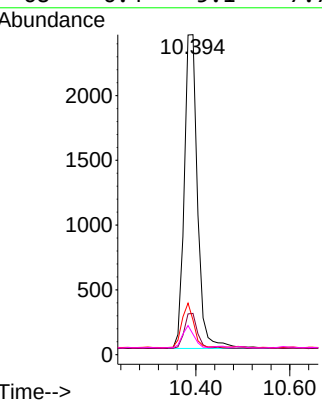
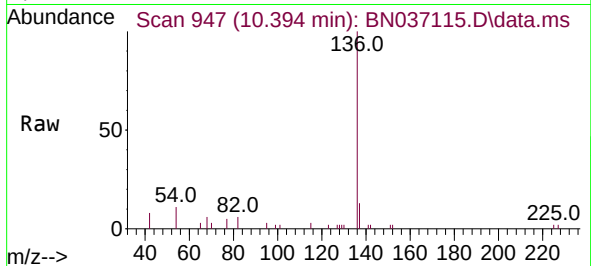




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

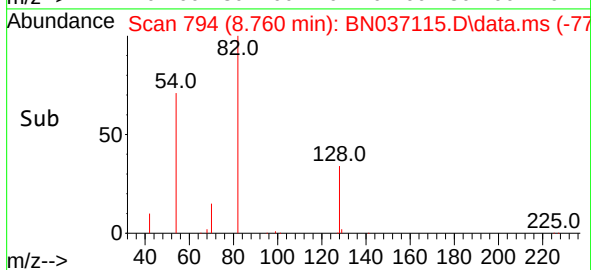
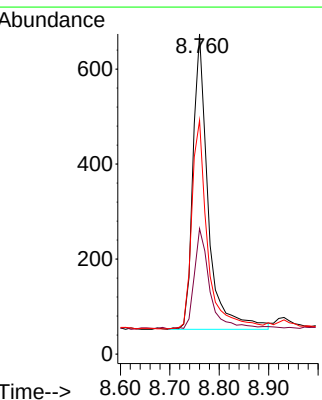
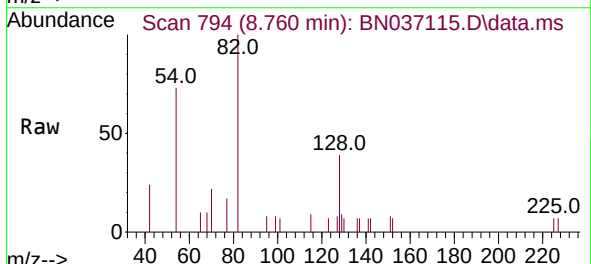
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302

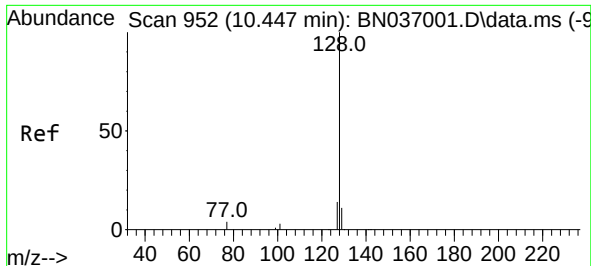
Tgt Ion:	136	Resp:	4761
Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.4	15.6
54	10.8	8.5	12.7
68	6.4	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

Tgt Ion:	82	Resp:	1335
Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.0	51.0
54	73.0	55.0	82.4

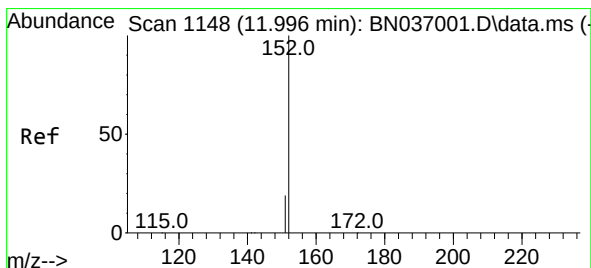
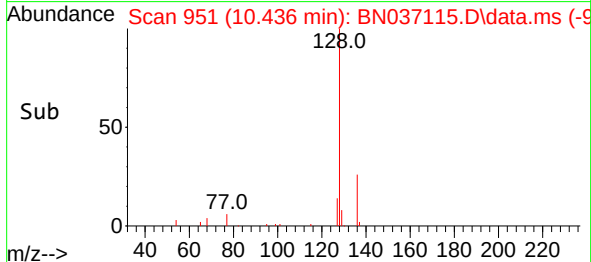
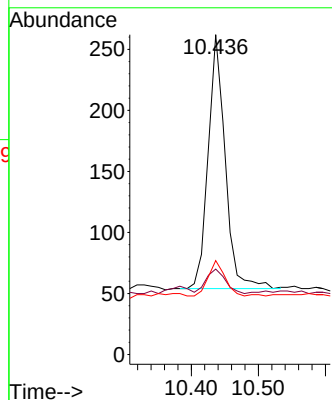
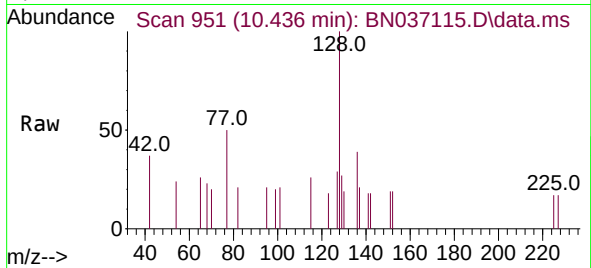




#9
Naphthalene
Concen: 0.026 ng
RT: 10.436 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

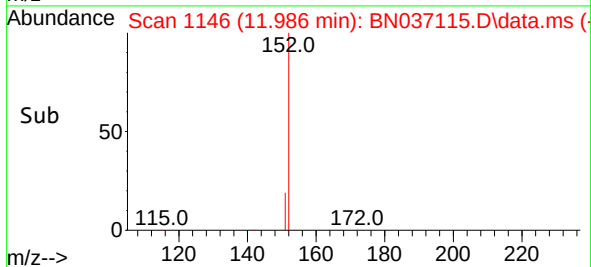
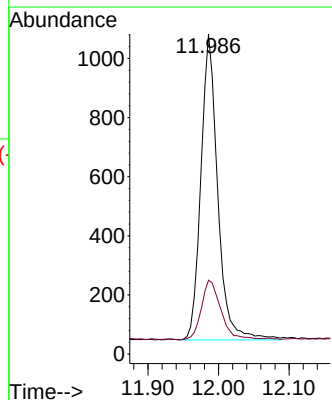
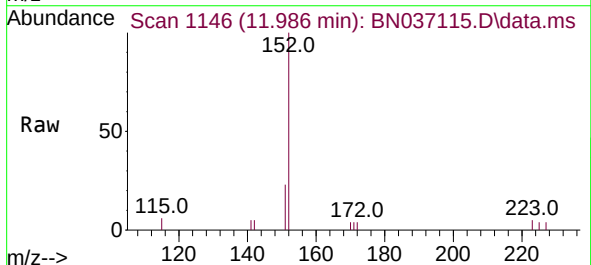
Instrument :
BNA_N
ClientSampleId :
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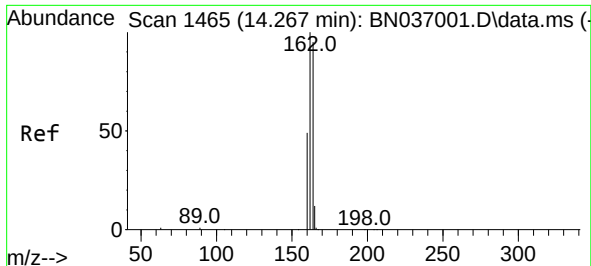
Tgt Ion:128 Resp: 367
Ion Ratio Lower Upper
128 100
129 26.7 9.7 14.5#
127 29.4 12.4 18.6#



#11
2-Methylnaphthalene-d10
Concen: 0.256 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

Tgt Ion:152 Resp: 1713
Ion Ratio Lower Upper
152 100
151 22.8 17.5 26.3

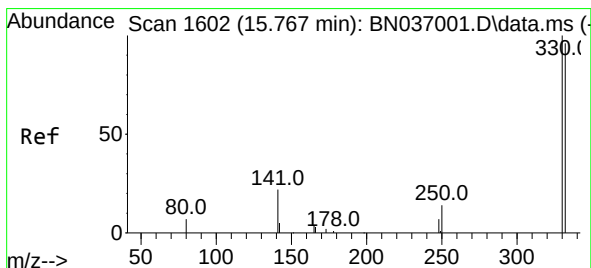
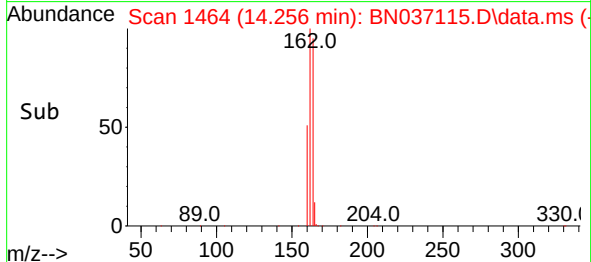
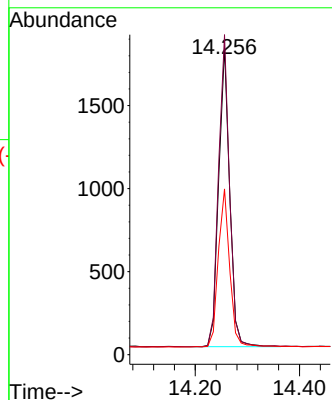
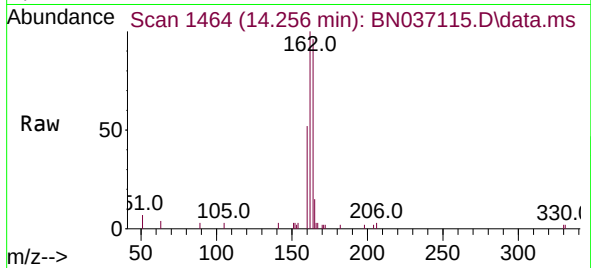




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

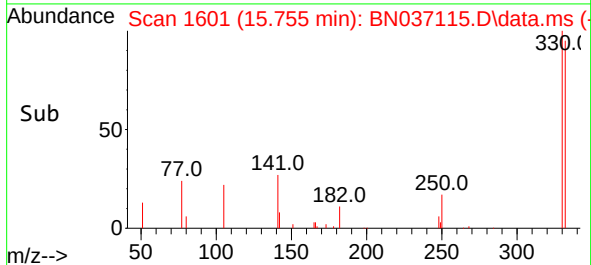
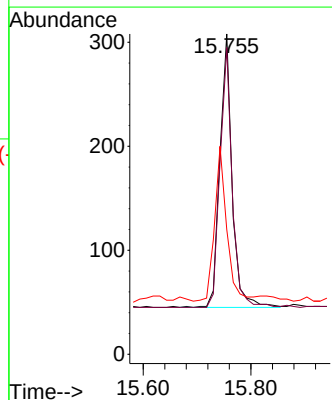
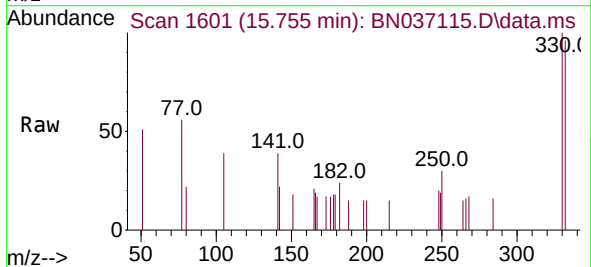
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ClientSampleId :
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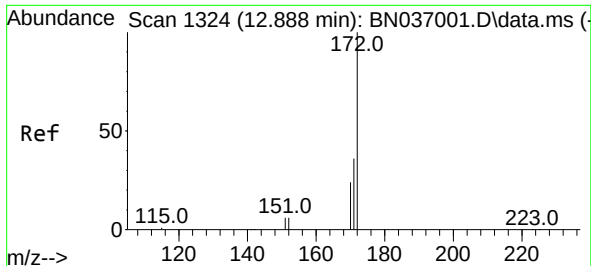
Tgt Ion:164 Resp: 2641
Ion Ratio Lower Upper
164 100
162 104.2 84.2 126.4
160 54.0 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

Tgt Ion:330 Resp: 416
Ion Ratio Lower Upper
330 100
332 94.5 73.8 110.8
141 56.3 43.9 65.9

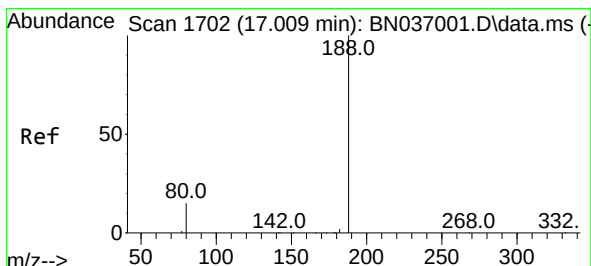
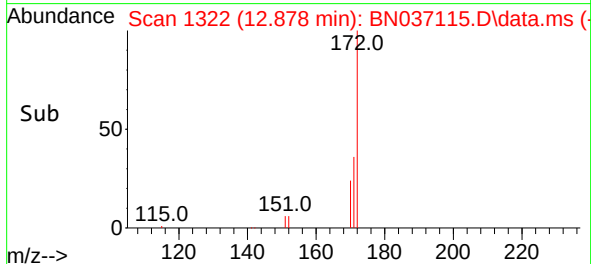
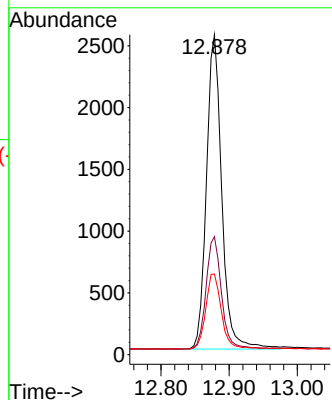
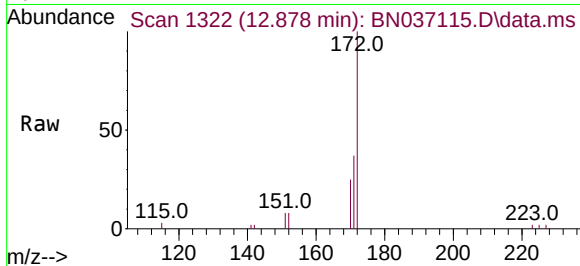




#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 12.878 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

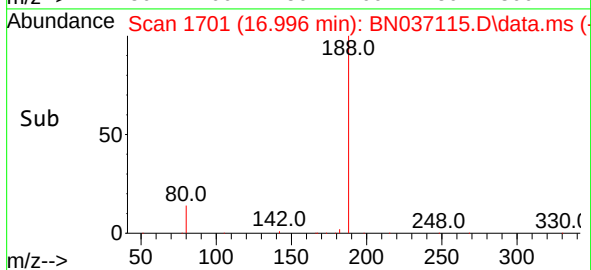
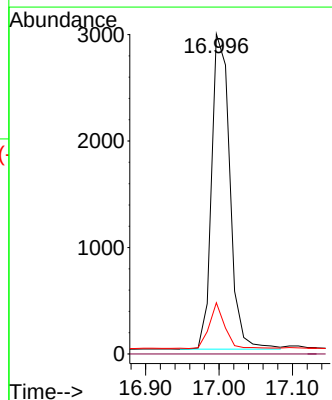
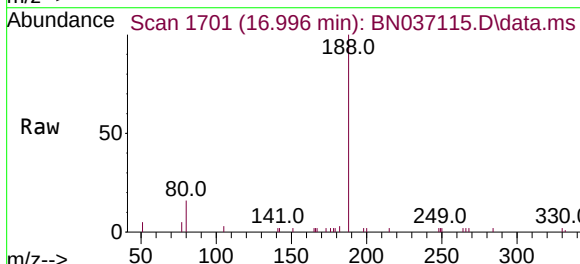
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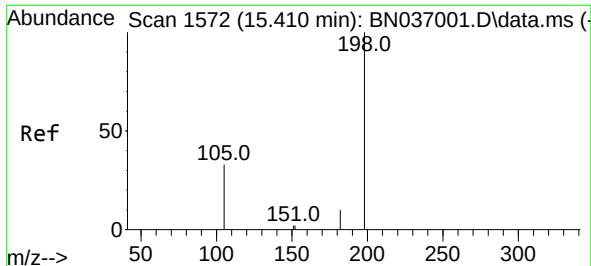
Tgt Ion:172 Resp: 3978
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 25.2 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

Tgt Ion:188 Resp: 5103
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.0 13.4 20.0

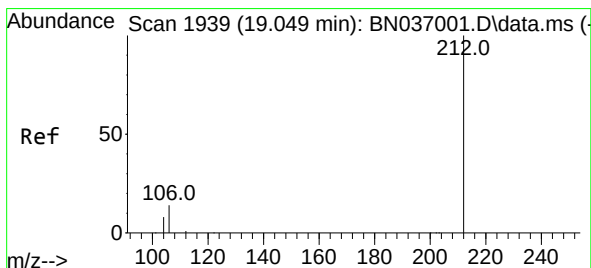
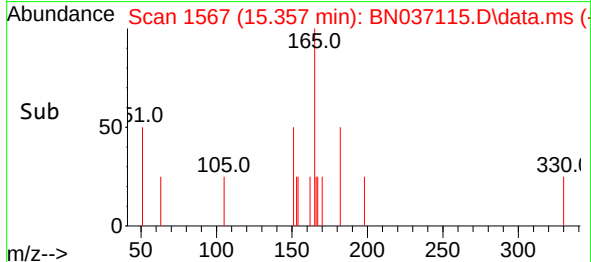
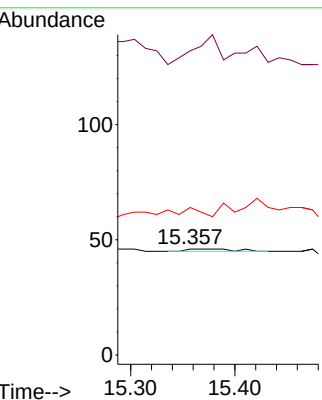
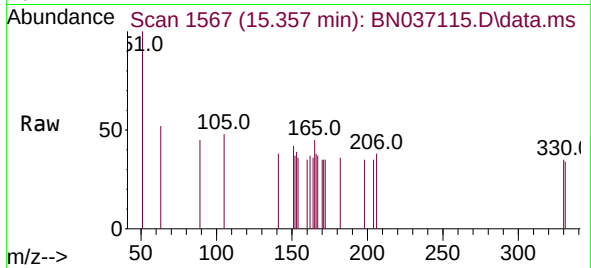




#20
4,6-Dinitro-2-methylphenol
Concen: 0.027 ng
RT: 15.357 min Scan# 11
Delta R.T. -0.053 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

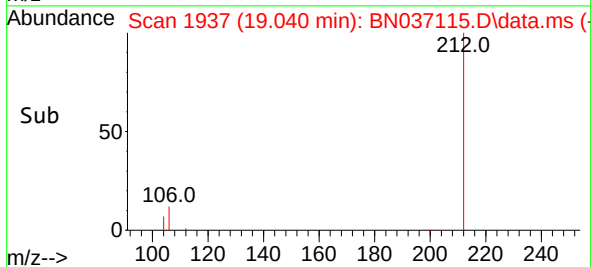
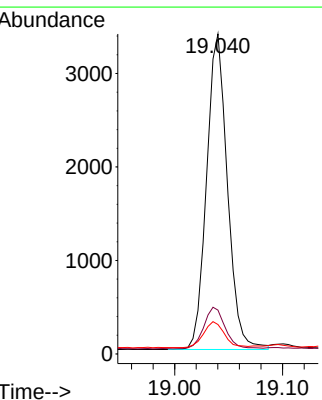
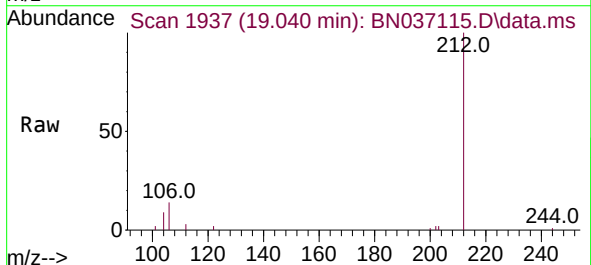
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302

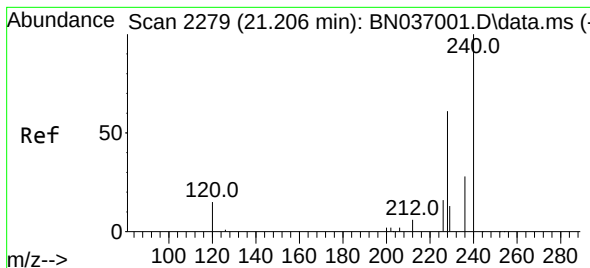
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 287.0 87.8 131.6#
105 139.1 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

Tgt Ion:212 Resp: 4536
Ion Ratio Lower Upper
212 100
106 13.5 11.3 16.9
104 8.2 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.198 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037115.D

Acq: 28 May 2025 18:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-300-302

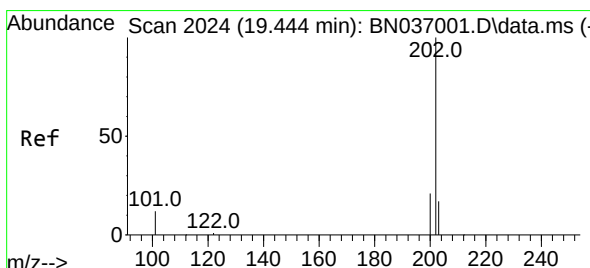
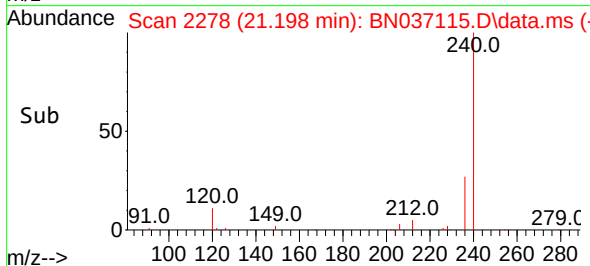
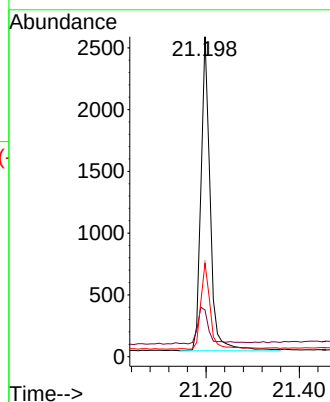
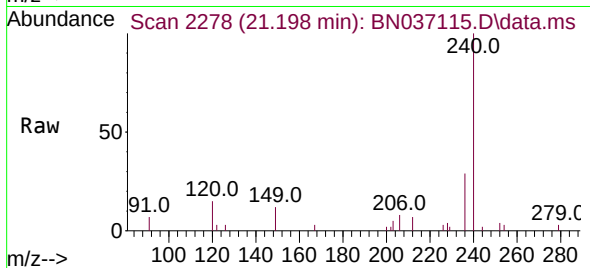
Tgt Ion:240 Resp: 3511

Ion Ratio Lower Upper

240 100

120 14.6 15.1 22.7#

236 29.2 24.0 36.0



#30

Pyrene

Concen: 0.025 ng

RT: 19.435 min Scan# 2022

Delta R.T. -0.009 min

Lab File: BN037115.D

Acq: 28 May 2025 18:59

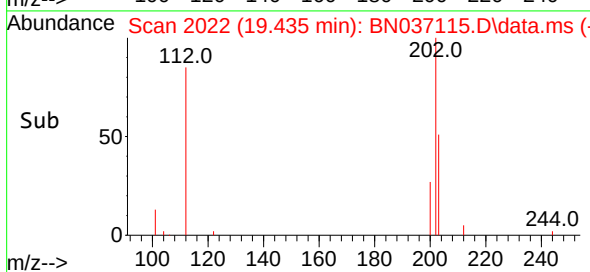
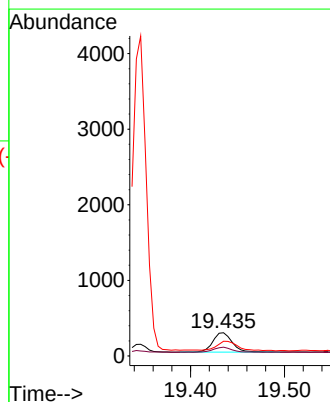
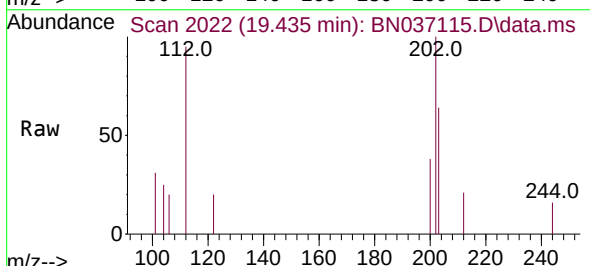
Tgt Ion:202 Resp: 371

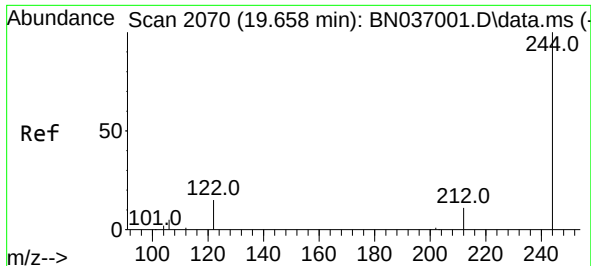
Ion Ratio Lower Upper

202 100

200 24.8 17.1 25.7

203 53.9 14.2 21.4#

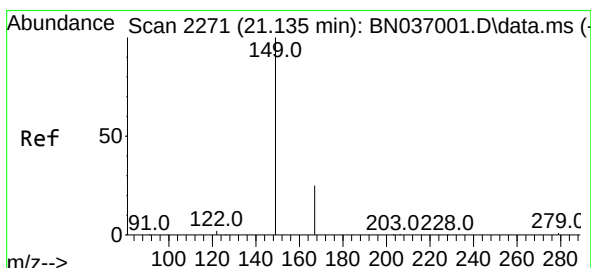
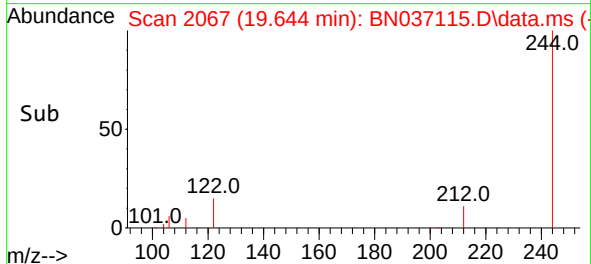
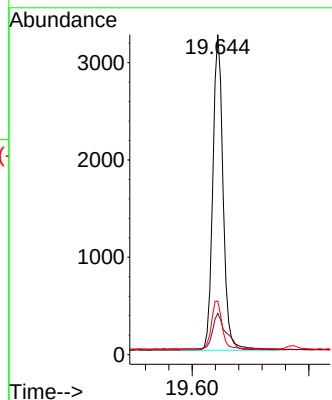
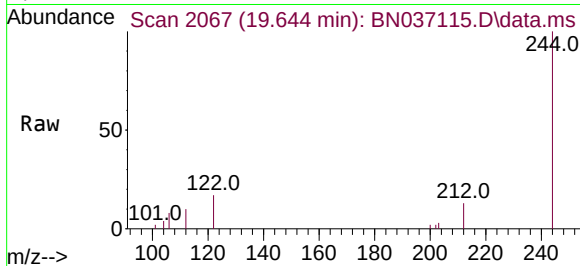




#31
 Terphenyl-d14
 Concen: 0.530 ng
 RT: 19.644 min Scan# 2070
 Delta R.T. -0.014 min
 Lab File: BN037115.D
 Acq: 28 May 2025 18:59

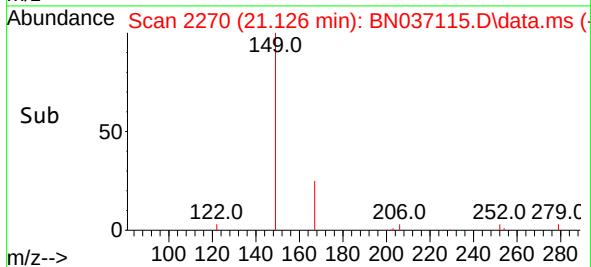
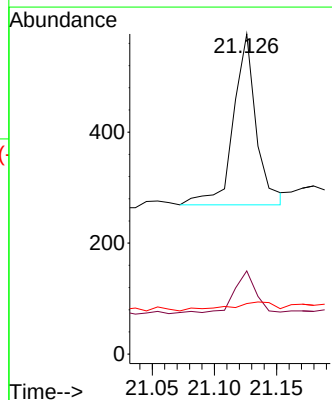
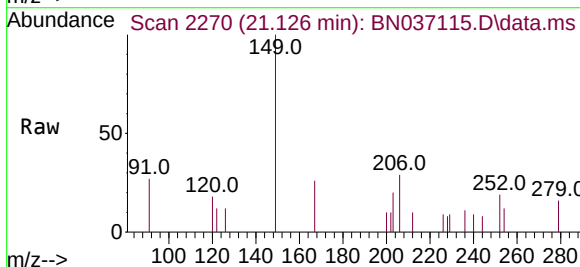
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-300-302

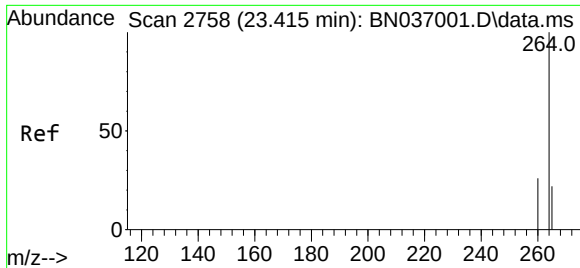
Tgt Ion:244 Resp: 3979
 Ion Ratio Lower Upper
 244 100
 212 12.9 9.7 14.5
 122 16.7 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.048 ng
 RT: 21.126 min Scan# 2270
 Delta R.T. -0.009 min
 Lab File: BN037115.D
 Acq: 28 May 2025 18:59

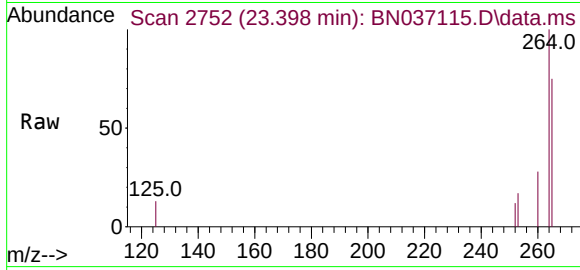
Tgt Ion:149 Resp: 393
 Ion Ratio Lower Upper
 149 100
 167 22.1 20.6 30.8
 279 10.4 2.6 3.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.398 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302



Tgt Ion:	264	Resp:	2983
Ion	Ratio	Lower	Upper
264	100		
260	28.0	21.9	32.9
265	75.3	51.6	77.4

