

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037107.D
 Acq On : 28 May 2025 13:41
 Operator : RC/JU
 Sample : Q2120-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250522

Quant Time: May 28 15:37:47 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)

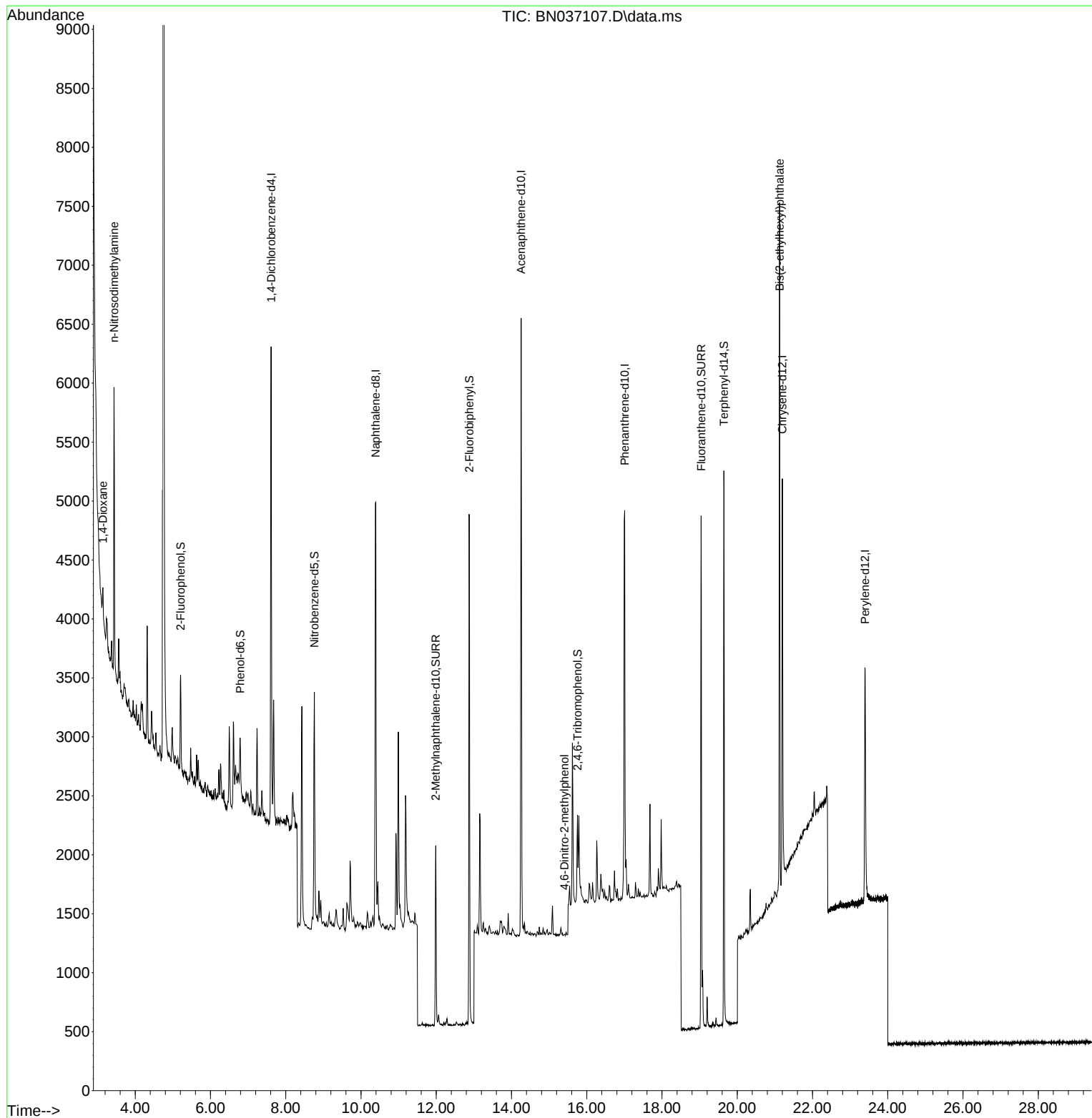
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1892	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5067	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2782	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5180	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3260	0.400	ng	0.00
35) Perylene-d12	23.398	264	2737	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	585	0.118	ng	0.00
5) Phenol-d6	6.788	99	412	0.066	ng	0.00
8) Nitrobenzene-d5	8.760	82	1680	0.304	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2091	0.293	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	418	0.342	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3897	0.306	ng	-0.01
27) Fluoranthene-d10	19.040	212	4918	0.346	ng	0.00
31) Terphenyl-d14	19.644	244	4475	0.642	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.141	88	127	0.055	ng	# 1
3) n-Nitrosodimethylamine	3.437	42	274	0.055	ng	# 16
20) 4,6-Dinitro-2-methylph...	15.411	198	3	0.027	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	5000	0.662	ng	99

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

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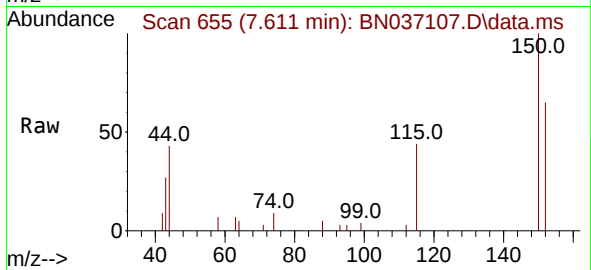
Quant Time: May 28 15:37:47 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



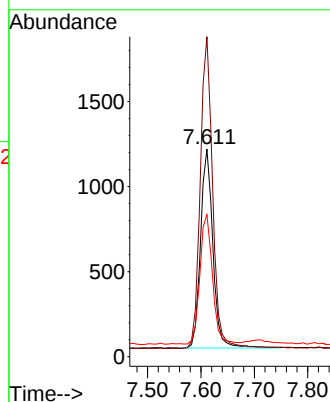
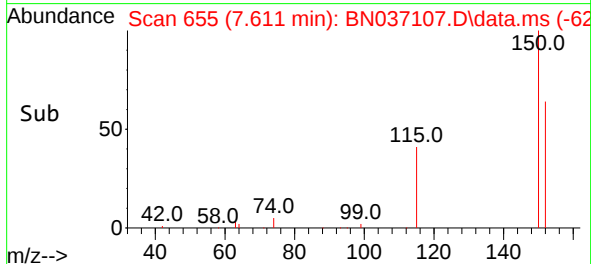


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037107.D
 Acq: 28 May 2025 13:41

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250522

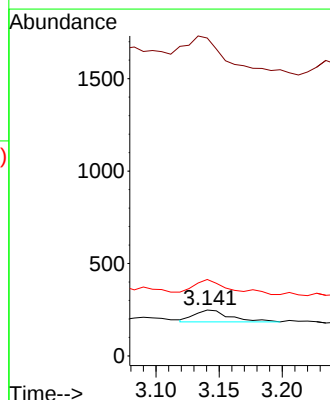
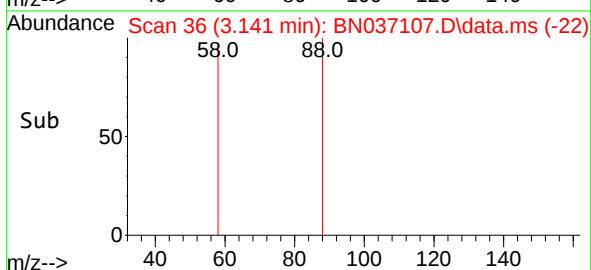
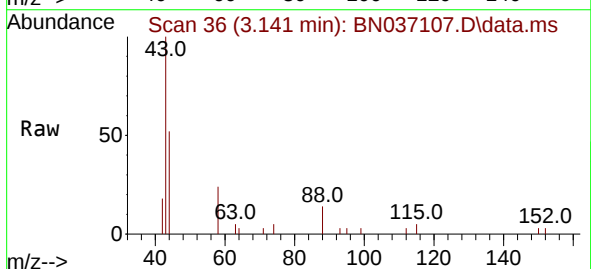


Tgt Ion:152 Resp: 1892
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.9 185.9
 115 68.4 55.8 83.8



#2
 1,4-Dioxane
 Concen: 0.055 ng
 RT: 3.141 min Scan# 36
 Delta R.T. 0.001 min
 Lab File: BN037107.D
 Acq: 28 May 2025 13:41

Tgt Ion: 88 Resp: 127
 Ion Ratio Lower Upper
 88 100
 43 351.2 37.4 56.0#
 58 122.0 68.8 103.2#

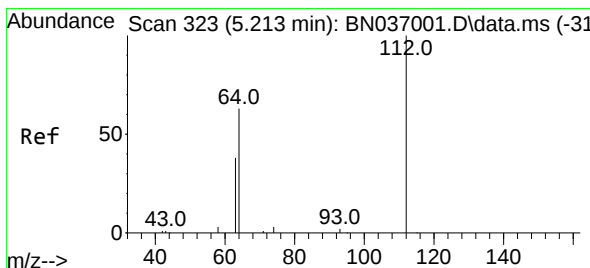
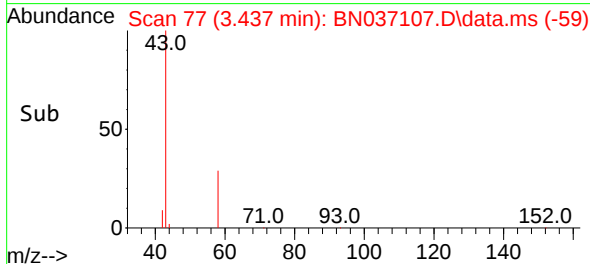
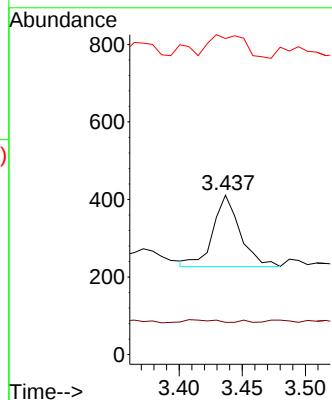
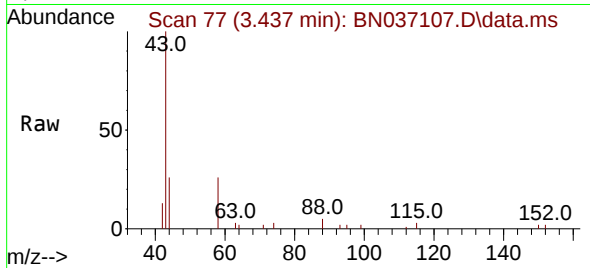




#3
n-Nitrosodimethylamine
Concen: 0.055 ng
RT: 3.437 min Scan# 71
Delta R.T. -0.022 min
Lab File: BN037107.D
Acq: 28 May 2025 13:41

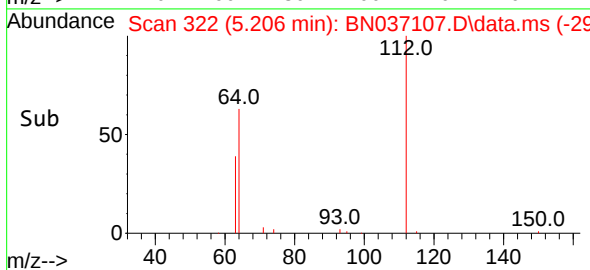
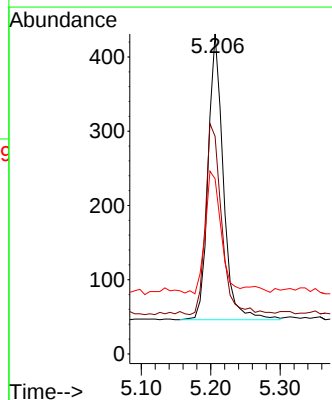
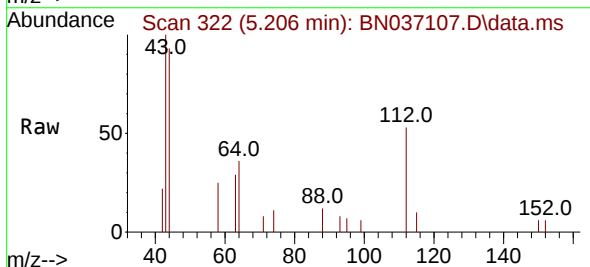
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250522

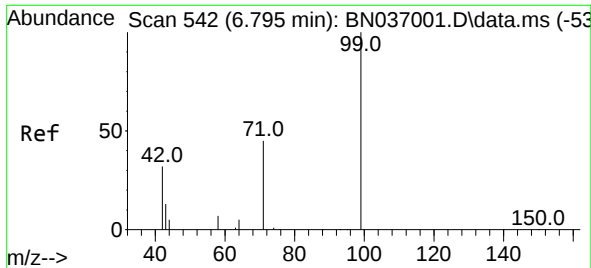
Tgt Ion: 42 Resp: 274
Ion Ratio Lower Upper
42 100
74 0.0 59.8 89.6#
44 42.7 11.9 17.9#



#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037107.D
Acq: 28 May 2025 13:41

Tgt Ion: 112 Resp: 585
Ion Ratio Lower Upper
112 100
64 70.9 55.7 83.5
63 43.8 34.6 51.8

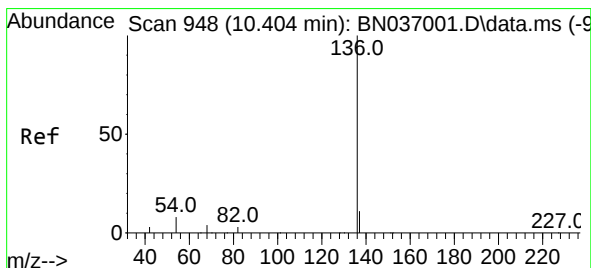
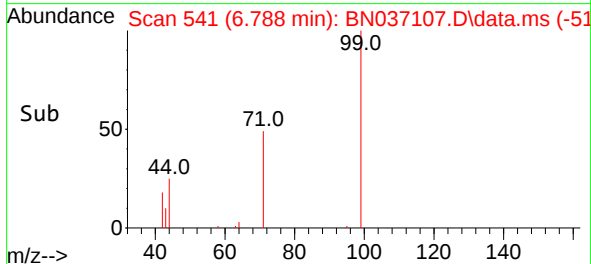
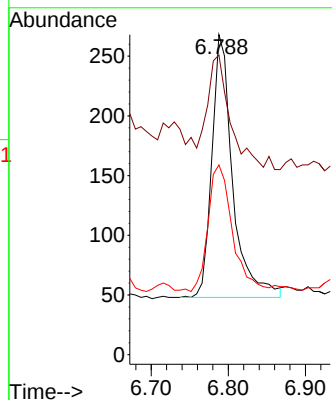
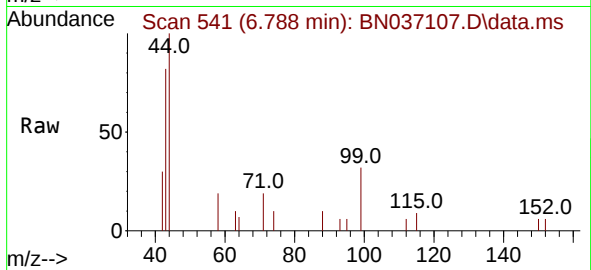




#5
Phenol-d6
Concen: 0.066 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037107.D
Acq: 28 May 2025 13:41

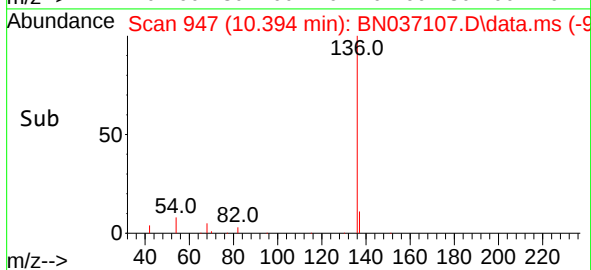
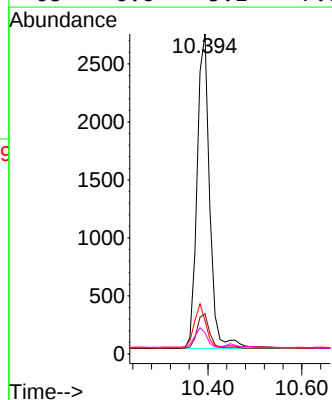
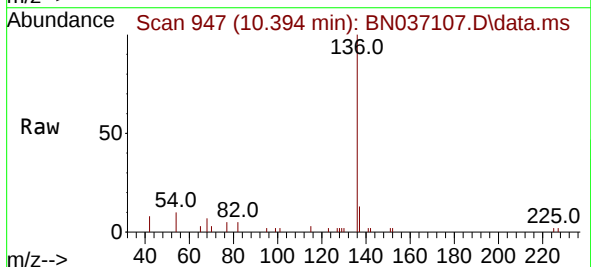
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250522

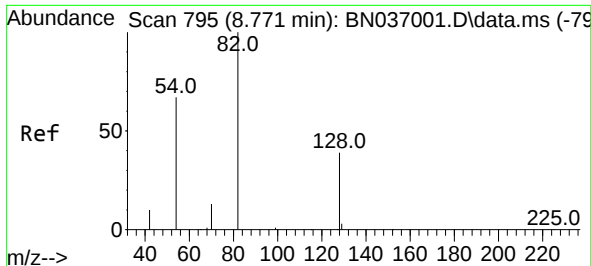
Tgt Ion: 99 Resp: 412
Ion Ratio Lower Upper
99 100
42 45.6 29.3 43.9#
71 54.4 35.7 53.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037107.D
Acq: 28 May 2025 13:41

Tgt Ion: 136 Resp: 5067
Ion Ratio Lower Upper
136 100
137 12.5 10.4 15.6
54 10.4 8.5 12.7
68 6.6 5.1 7.7

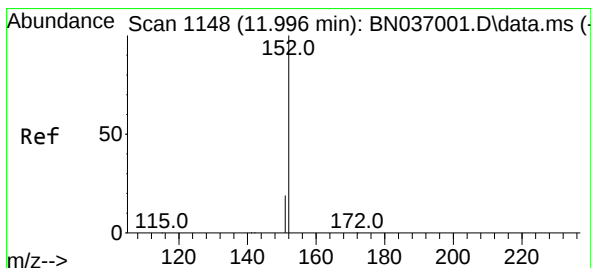
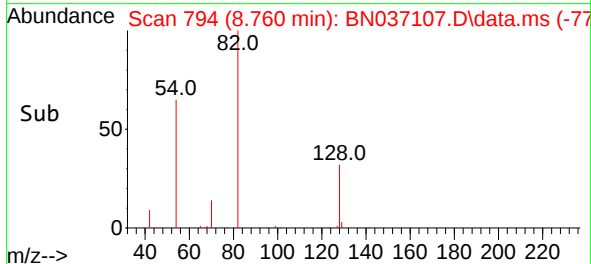
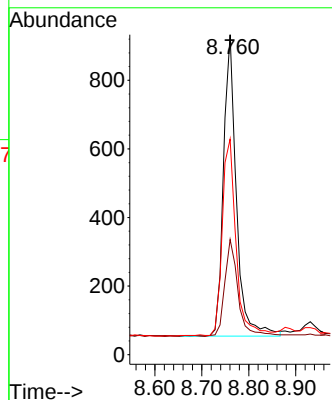
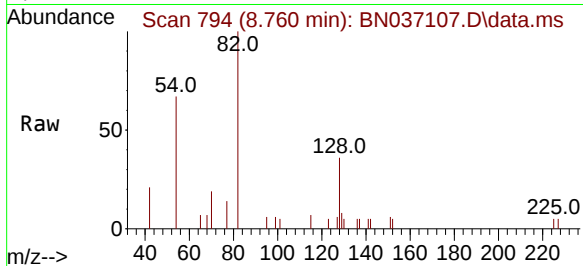




#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.760 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN037107.D
Acq: 28 May 2025 13:41

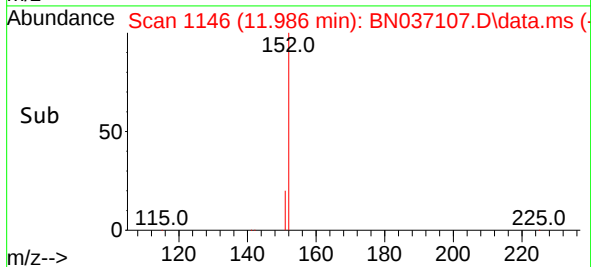
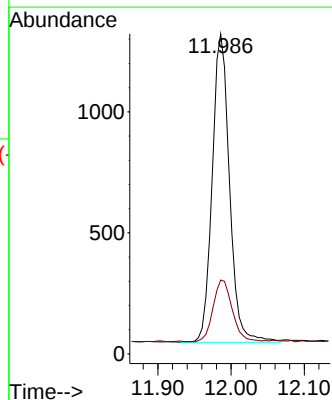
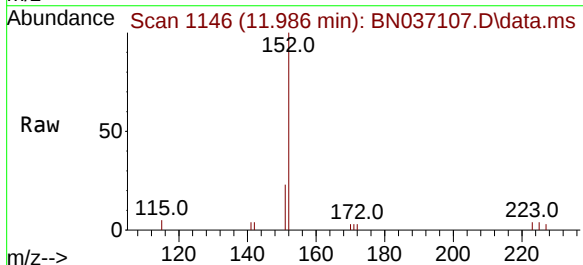
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ClientSampleId :
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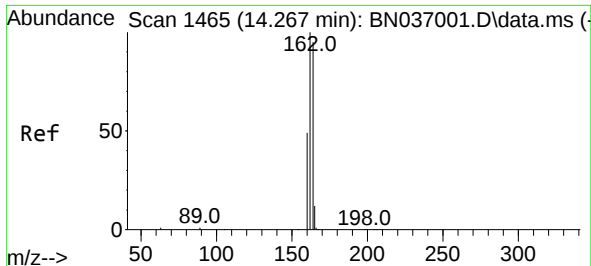
Tgt Ion: 82 Resp: 1680
Ion Ratio Lower Upper
82 100
128 36.0 34.0 51.0
54 67.4 55.0 82.4



#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037107.D
Acq: 28 May 2025 13:41

Tgt Ion: 152 Resp: 2091
Ion Ratio Lower Upper
152 100
151 22.3 17.5 26.3

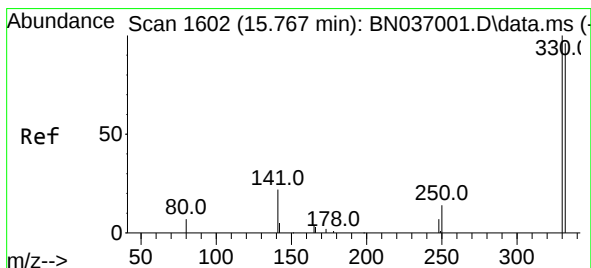
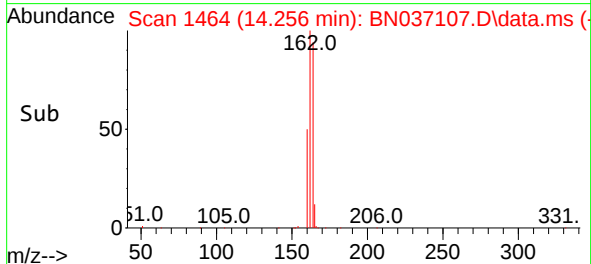
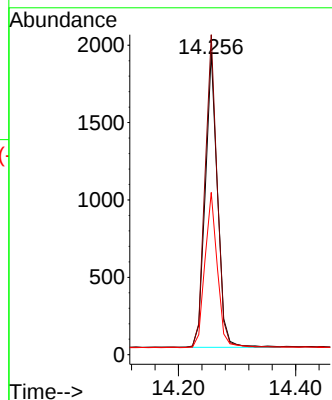
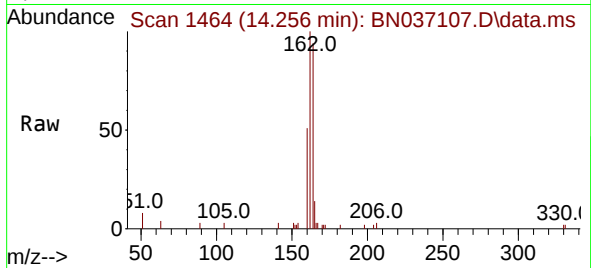




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037107.D
Acq: 28 May 2025 13:41

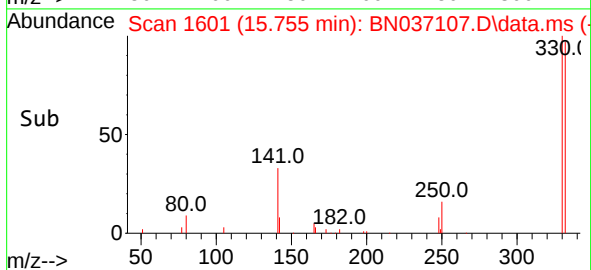
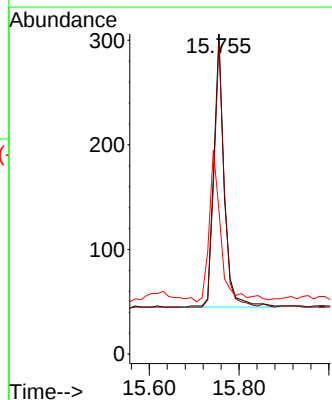
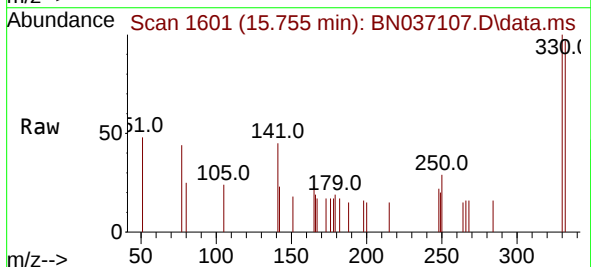
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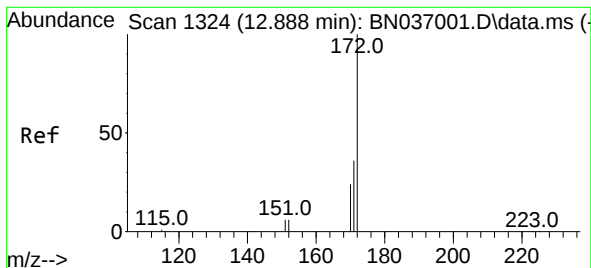
Tgt Ion:164 Resp: 2782
Ion Ratio Lower Upper
164 100
162 105.9 84.2 126.4
160 53.7 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037107.D
Acq: 28 May 2025 13:41

Tgt Ion:330 Resp: 418
Ion Ratio Lower Upper
330 100
332 93.8 73.8 110.8
141 62.9 43.9 65.9

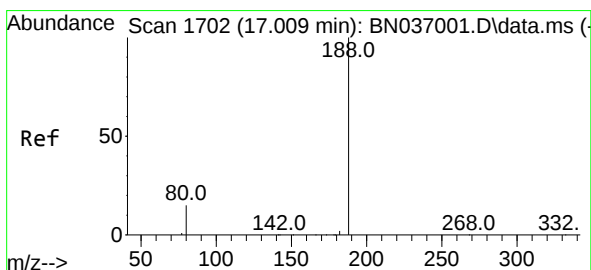
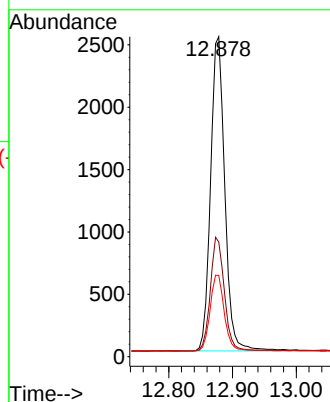
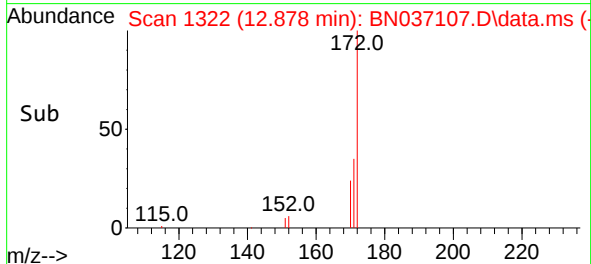
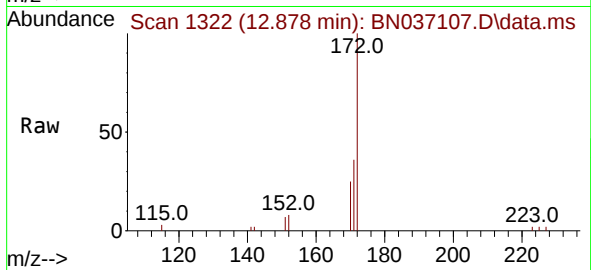




#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.878 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037107.D
Acq: 28 May 2025 13:41

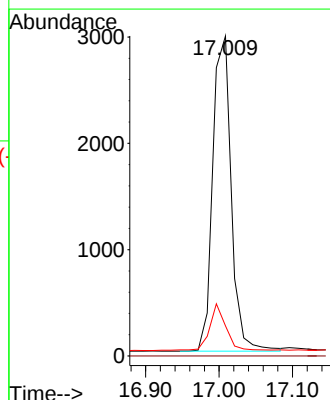
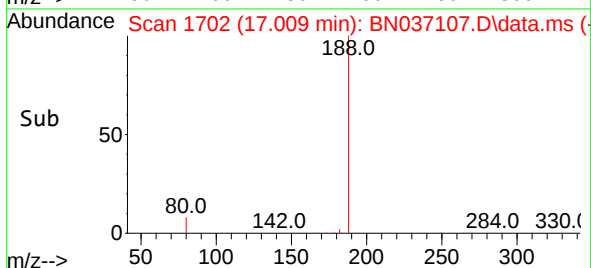
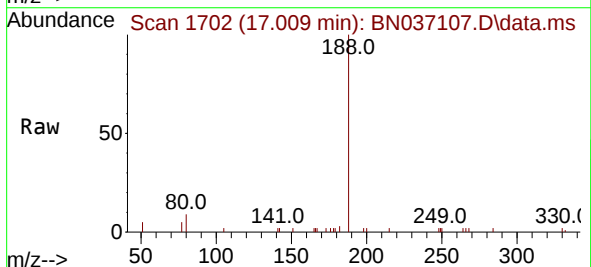
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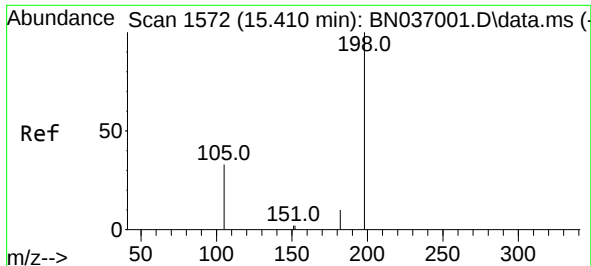
Tgt Ion:172	Resp:	3897
Ion	Ratio	Lower Upper
172	100	
171	35.8	29.2 43.8
170	25.4	20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037107.D
Acq: 28 May 2025 13:41

Tgt Ion:188	Resp:	5180
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	9.4	13.4 20.0

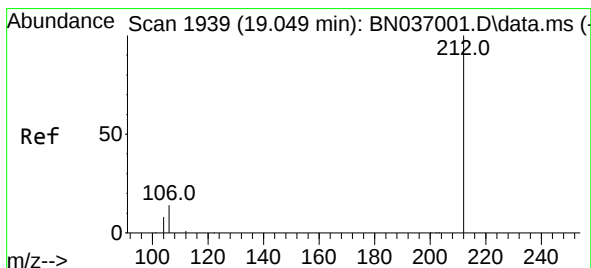
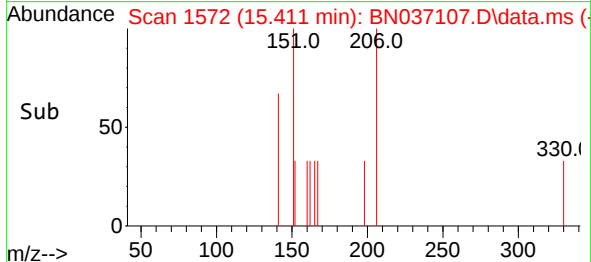
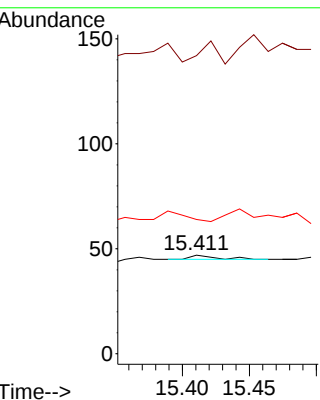
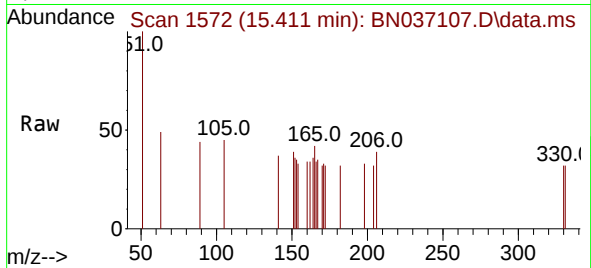




#20
4,6-Dinitro-2-methylphenol
Concen: 0.027 ng
RT: 15.411 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN037107.D
Acq: 28 May 2025 13:41

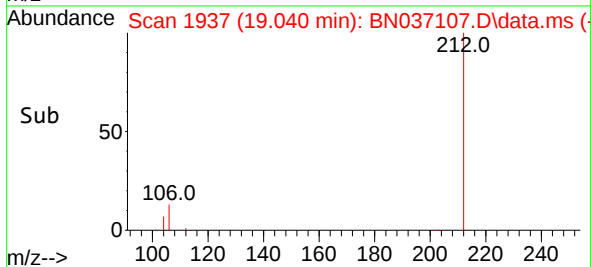
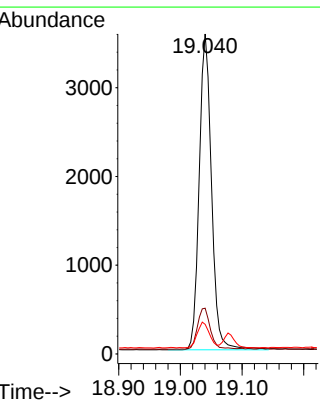
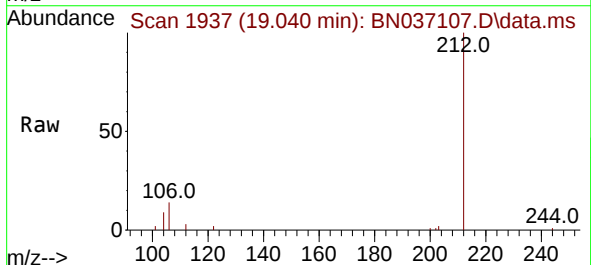
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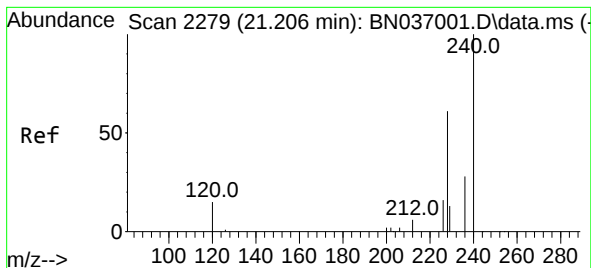
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 302.1 87.8 131.6#
105 136.2 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037107.D
Acq: 28 May 2025 13:41

Tgt Ion:212 Resp: 4918
Ion Ratio Lower Upper
212 100
106 13.4 11.3 16.9
104 7.9 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: BN037107.D

Acq: 28 May 2025 13:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-EB-20250522

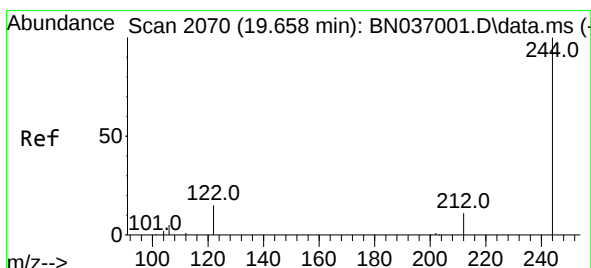
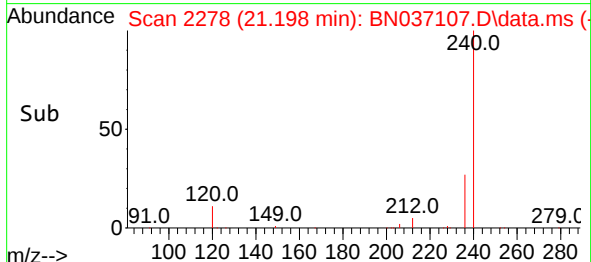
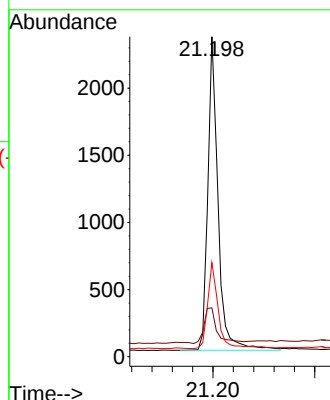
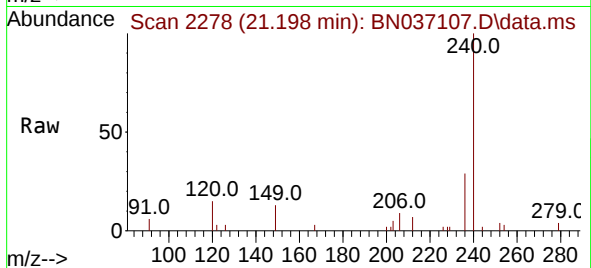
Tgt Ion:240 Resp: 3260

Ion Ratio Lower Upper

240 100

120 15.3 15.1 22.7

236 29.4 24.0 36.0



#31

Terphenyl-d14

Concen: 0.642 ng

RT: 19.644 min Scan# 2067

Delta R.T. -0.014 min

Lab File: BN037107.D

Acq: 28 May 2025 13:41

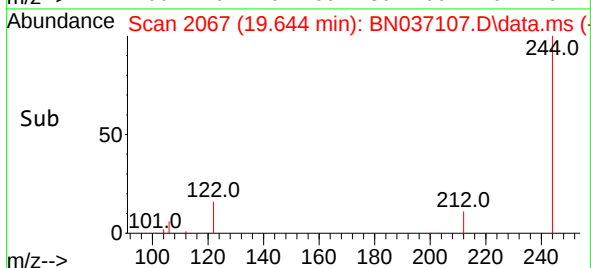
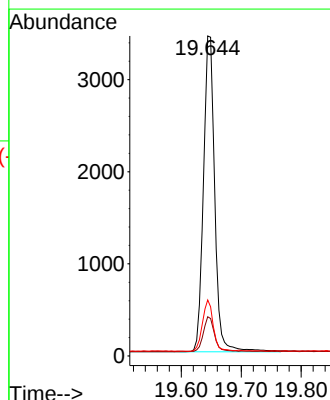
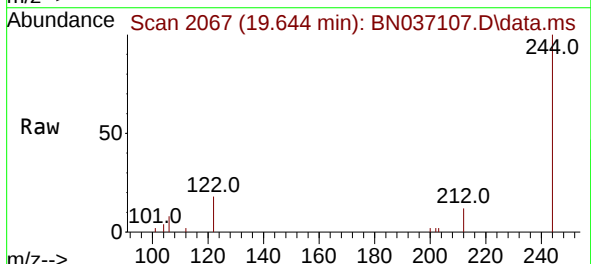
Tgt Ion:244 Resp: 4475

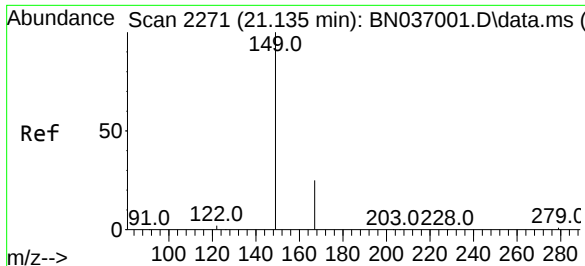
Ion Ratio Lower Upper

244 100

212 12.3 9.7 14.5

122 17.5 13.4 20.0

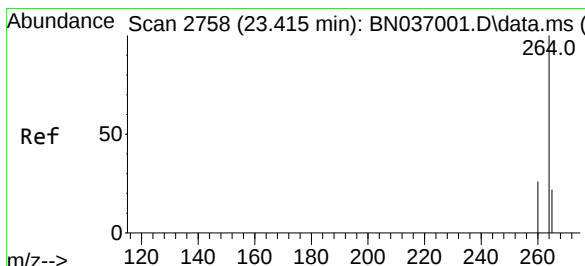
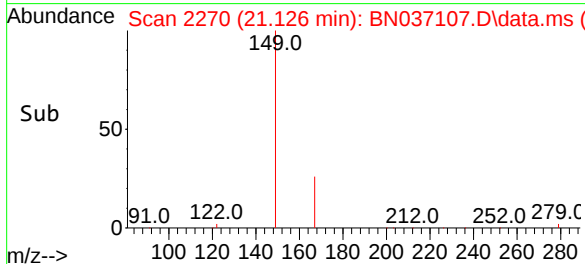
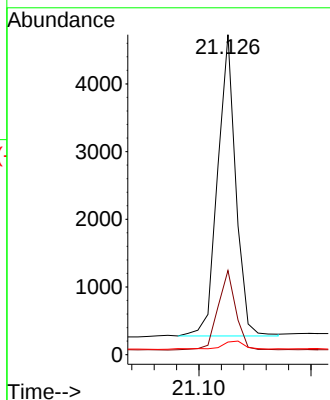
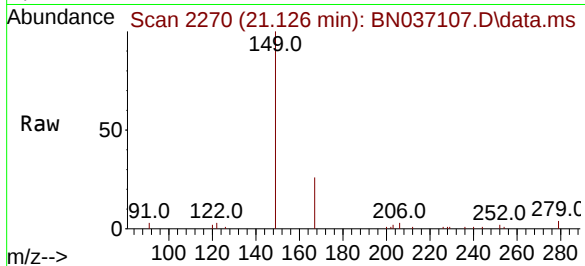




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.662 ng
 RT: 21.126 min Scan# 2111
 Delta R.T. -0.009 min
 Lab File: BN037107.D
 Acq: 28 May 2025 13:41

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250522

Tgt Ion:	149	Resp:	5000
Ion Ratio	Lower	Upper	
149	100		
167	26.2	20.6	30.8
279	3.5	2.6	3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.398 min Scan# 2752
 Delta R.T. -0.017 min
 Lab File: BN037107.D
 Acq: 28 May 2025 13:41

Tgt Ion:	264	Resp:	2737
Ion Ratio	Lower	Upper	
264	100		
260	28.1	21.9	32.9
265	80.8	51.6	77.4

