

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
 Data File : BN037091.D
 Acq On : 27 May 2025 17:36
 Operator : RC/JU
 Sample : Q2082-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-390-392

Quant Time: May 27 17:59:39 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)

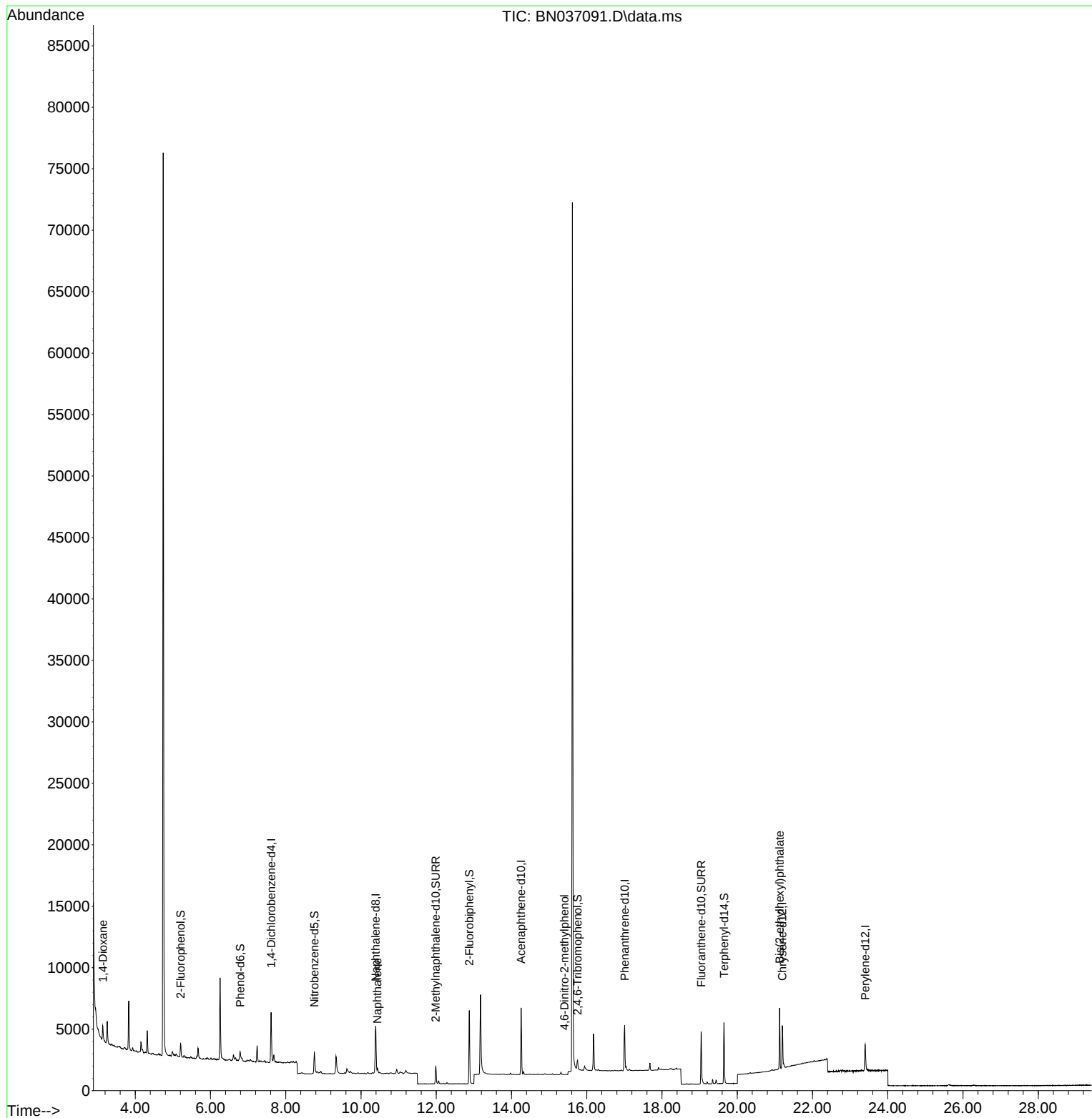
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1933	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5042	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2834	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5507	0.400	ng	# 0.00
29) Chrysene-d12	21.197	240	3390	0.400	ng	0.00
35) Perylene-d12	23.401	264	2911	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	784	0.155	ng	0.00
5) Phenol-d6	6.788	99	605	0.095	ng	0.00
8) Nitrobenzene-d5	8.760	82	1586	0.289	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2032	0.286	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	442	0.355	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	5260	0.405	ng	-0.01
27) Fluoranthene-d10	19.040	212	4792	0.317	ng	0.00
31) Terphenyl-d14	19.649	244	4593	0.633	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	674	0.284	ng	# 56
9) Naphthalene	10.436	128	528	0.035	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.410	198	3	0.026	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	4281	0.545	ng	99

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

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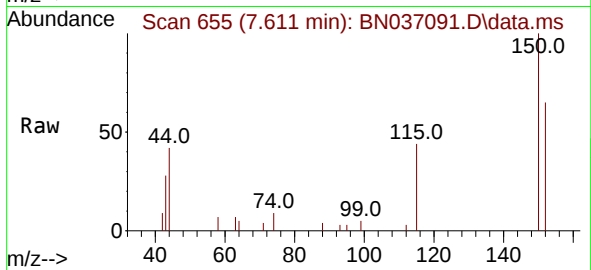
Quant Time: May 27 17:59:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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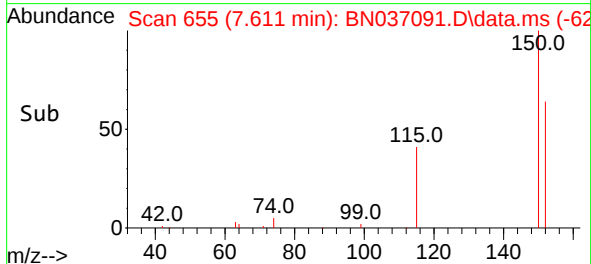
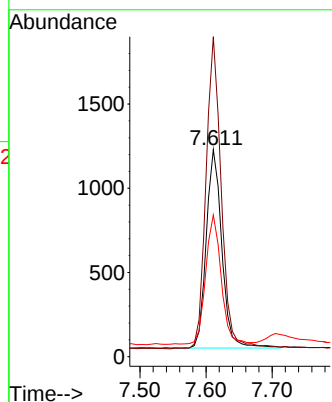
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037091.D
 Acq: 27 May 2025 17:36

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-390-392



Tgt Ion: 152 Resp: 1933

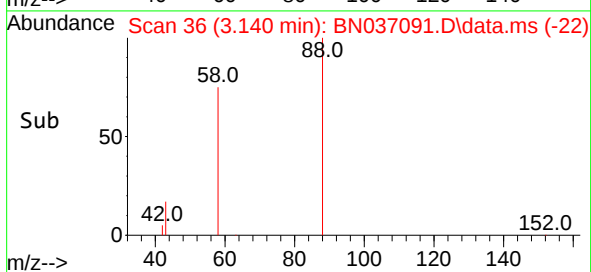
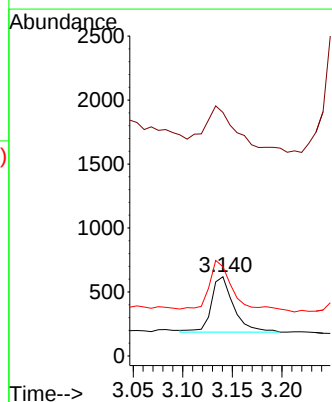
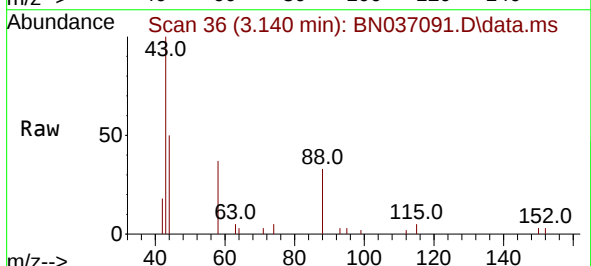
Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.9	185.9
115	68.5	55.8	83.8

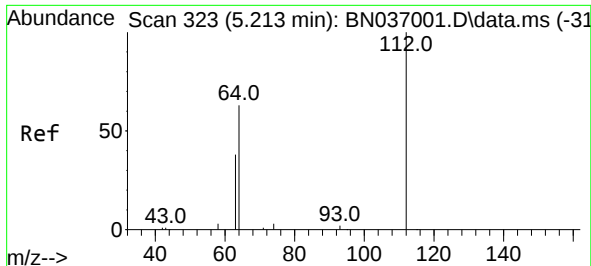


#2
 1,4-Dioxane
 Concen: 0.284 ng
 RT: 3.140 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: BN037091.D
 Acq: 27 May 2025 17:36

Tgt Ion: 88 Resp: 674

Ion	Ratio	Lower	Upper
88	100		
43	123.0	37.4	56.0
58	90.7	68.8	103.2

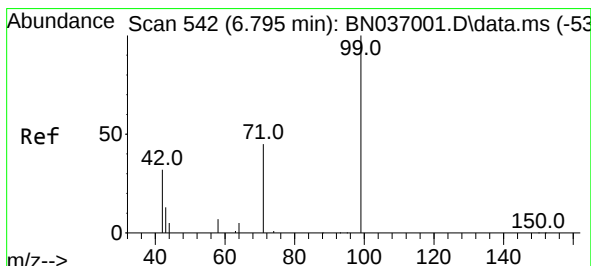
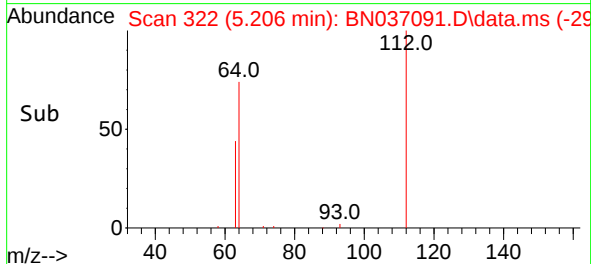
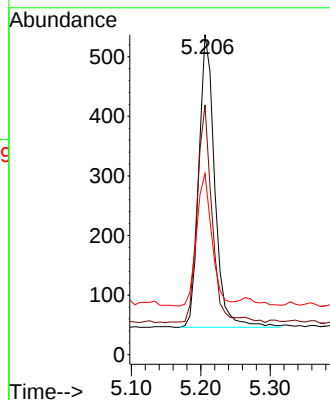
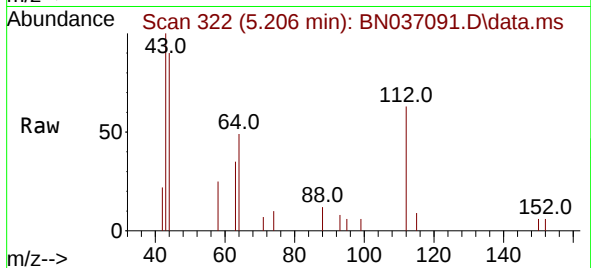




#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.206 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037091.D
Acq: 27 May 2025 17:36

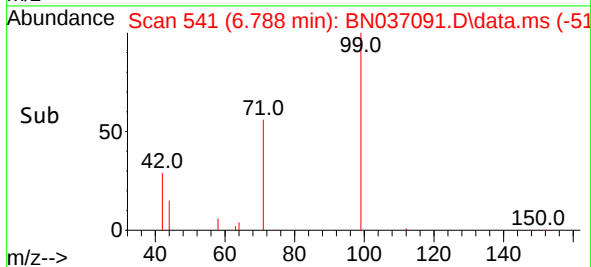
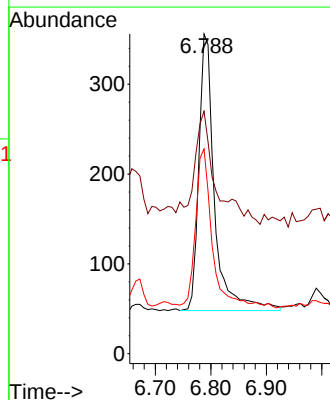
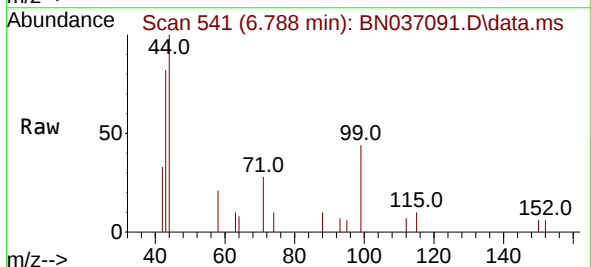
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-390-392

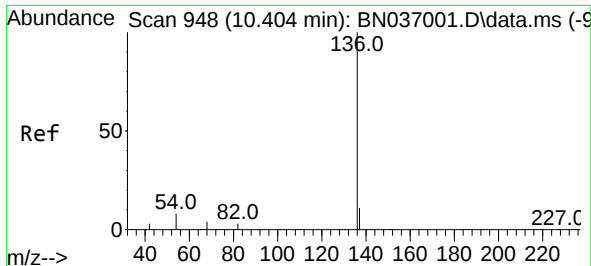
Tgt Ion:112 Resp: 784
Ion Ratio Lower Upper
112 100
64 69.6 55.7 83.5
63 43.2 34.6 51.8



#5
Phenol-d6
Concen: 0.095 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037091.D
Acq: 27 May 2025 17:36

Tgt Ion: 99 Resp: 605
Ion Ratio Lower Upper
99 100
42 36.5 29.3 43.9
71 61.5 35.7 53.5#

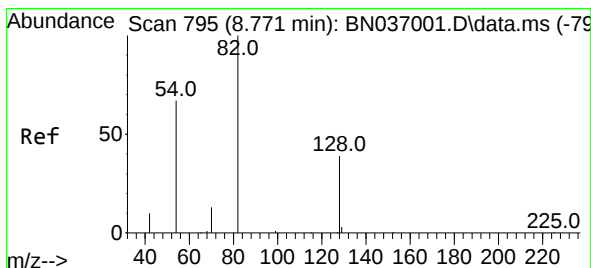
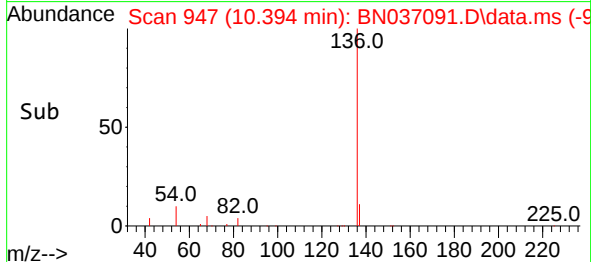
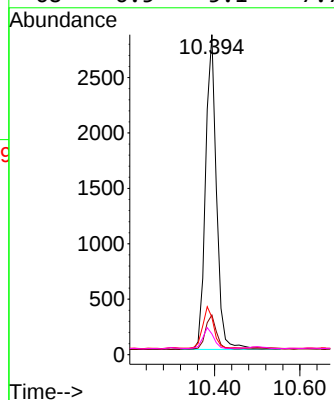
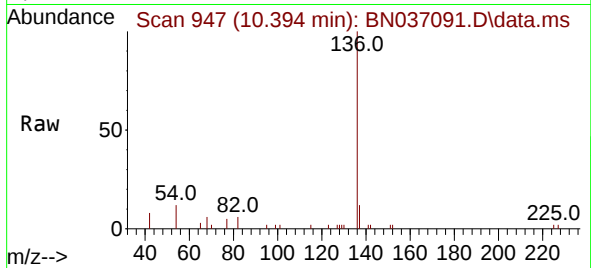




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037091.D
Acq: 27 May 2025 17:36

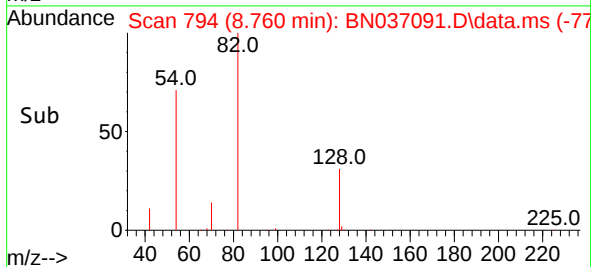
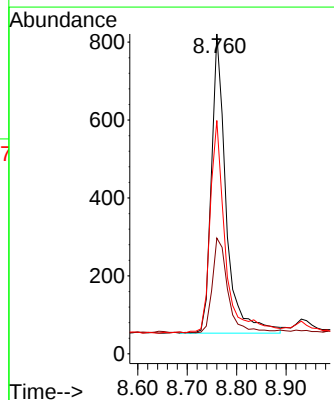
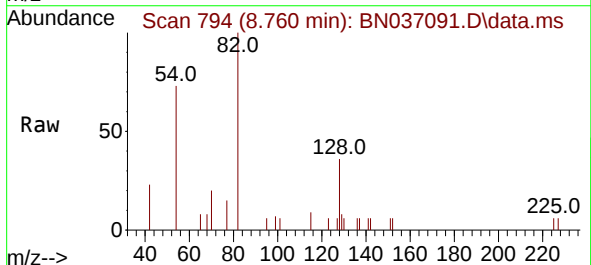
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-390-392

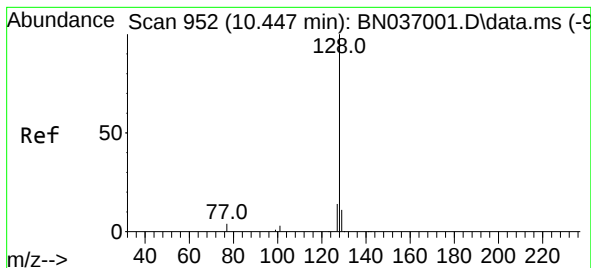
Tgt Ion:	136	Resp:	5042
Ion Ratio	Lower	Upper	
136	100		
137	12.4	10.4	15.6
54	11.7	8.5	12.7
68	6.5	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037091.D
Acq: 27 May 2025 17:36

Tgt Ion:	82	Resp:	1586
Ion Ratio	Lower	Upper	
82	100		
128	36.2	34.0	51.0
54	73.0	55.0	82.4





#9

Naphthalene

Concen: 0.035 ng

RT: 10.436 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN037091.D

Acq: 27 May 2025 17:36

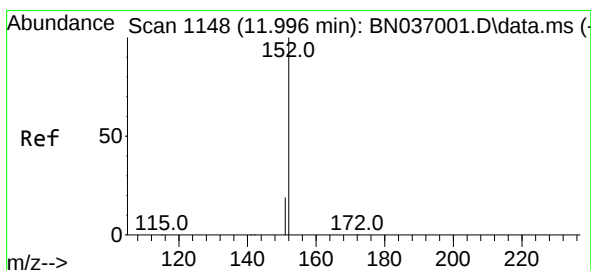
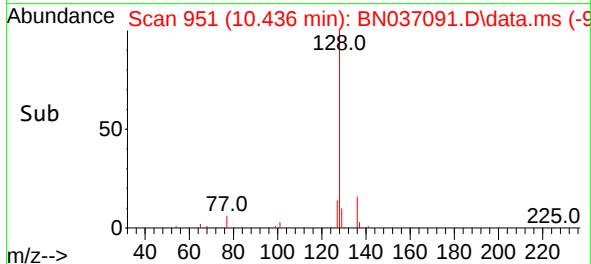
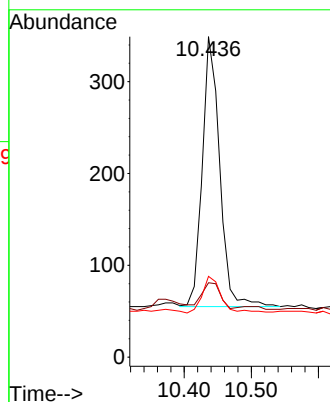
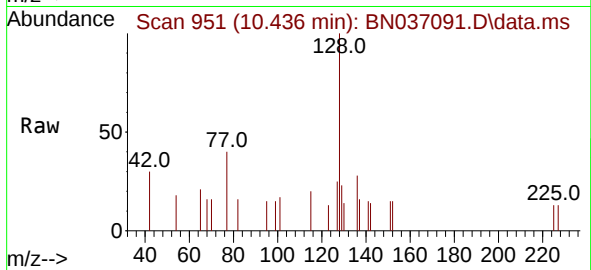
Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-390-392

Tgt Ion:	128	Resp:	528
Ion	Ratio	Lower	Upper
128	100		
129	23.2	9.7	14.5#
127	25.2	12.4	18.6#



#11

2-Methylnaphthalene-d10

Concen: 0.286 ng

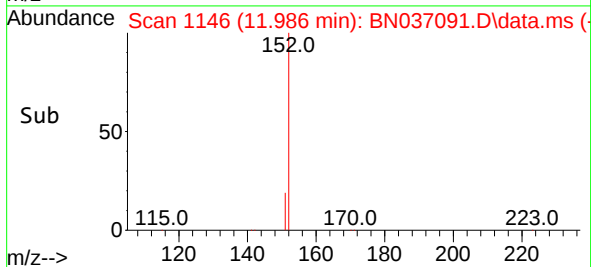
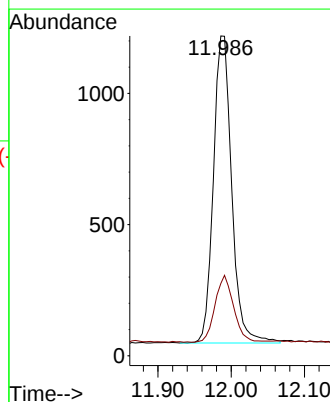
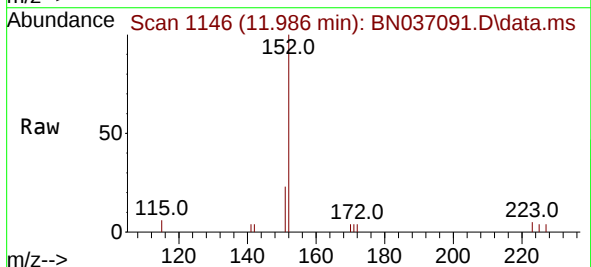
RT: 11.986 min Scan# 1146

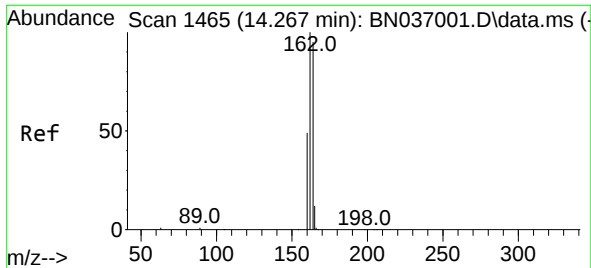
Delta R.T. -0.010 min

Lab File: BN037091.D

Acq: 27 May 2025 17:36

Tgt Ion:	152	Resp:	2032
Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.5	26.3

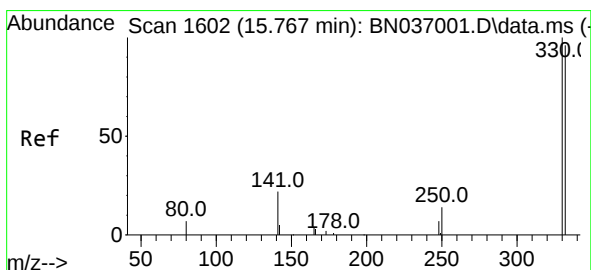
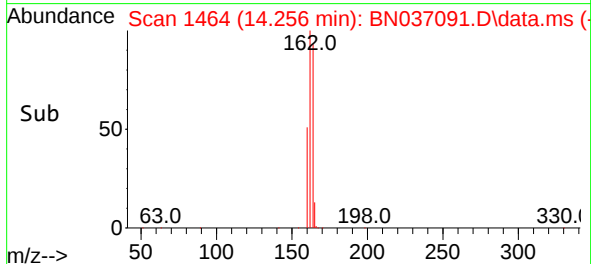
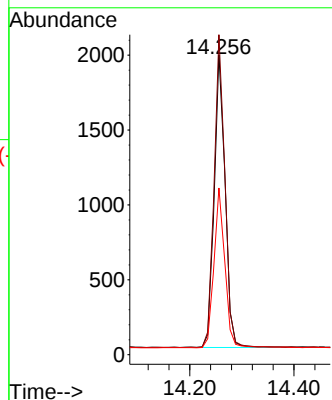
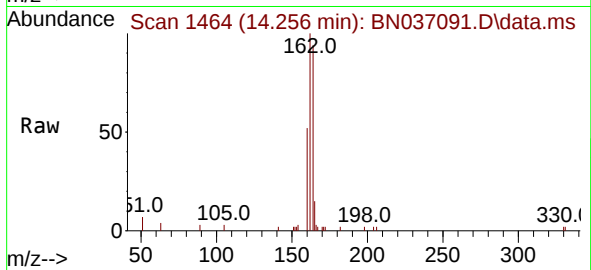




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037091.D
Acq: 27 May 2025 17:36

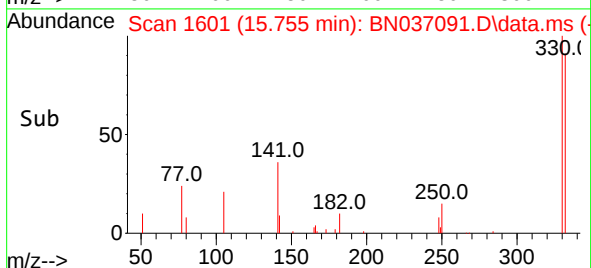
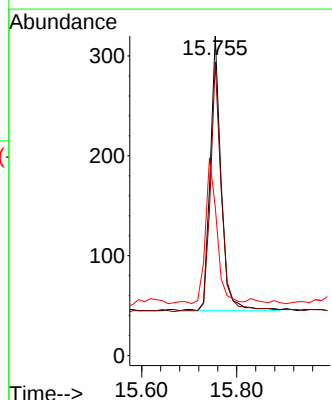
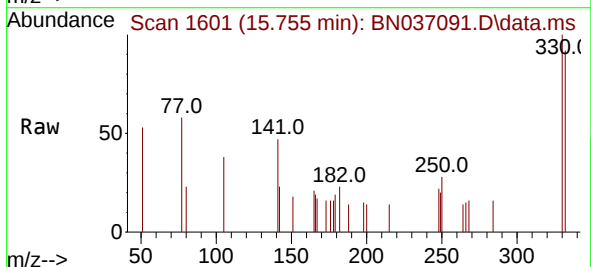
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ClientSampleId :
BP-VPB-182-GW-390-392

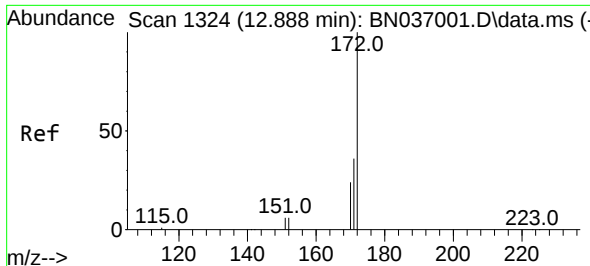
Tgt Ion:164 Resp: 2834
Ion Ratio Lower Upper
164 100
162 106.6 84.2 126.4
160 55.5 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037091.D
Acq: 27 May 2025 17:36

Tgt Ion:330 Resp: 442
Ion Ratio Lower Upper
330 100
332 93.2 73.8 110.8
141 55.2 43.9 65.9

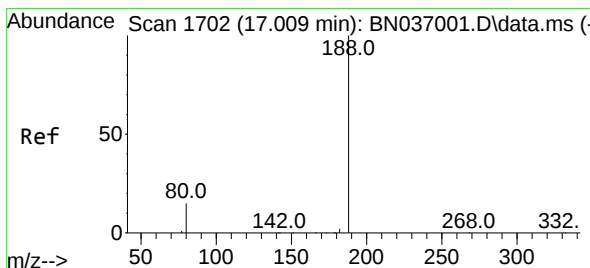
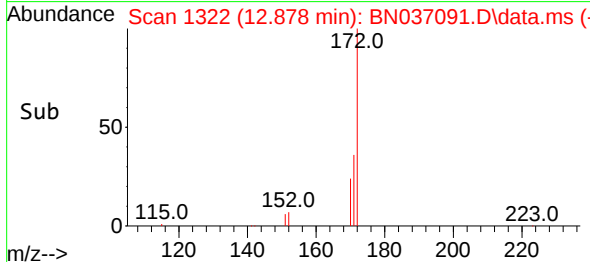
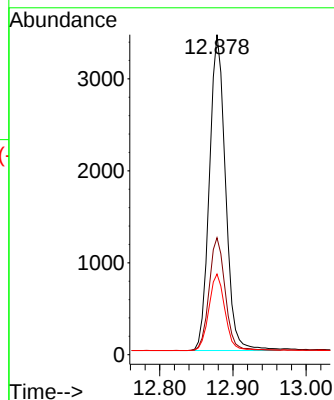
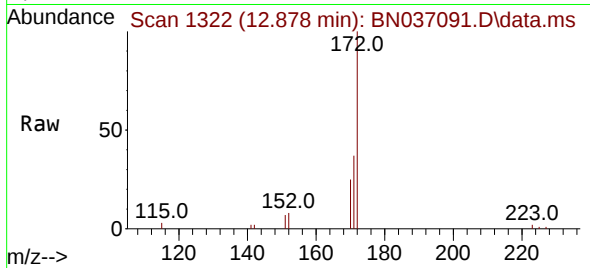




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.878 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037091.D
Acq: 27 May 2025 17:36

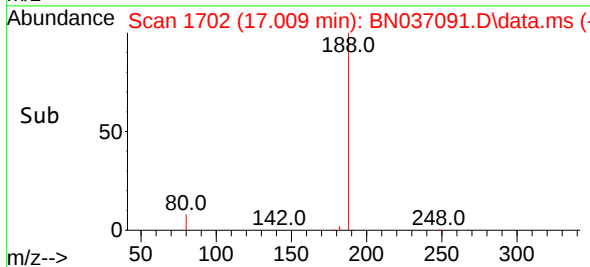
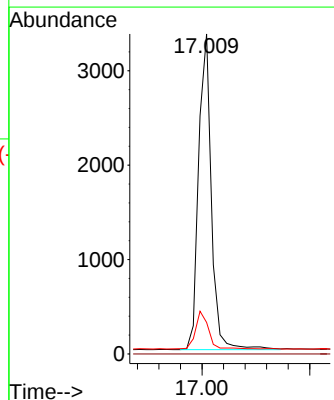
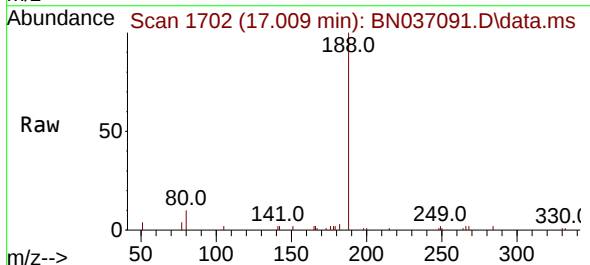
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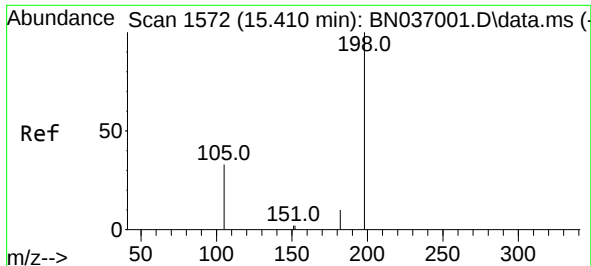
Tgt Ion:172 Resp: 5260
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 25.2 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037091.D
Acq: 27 May 2025 17:36

Tgt Ion:188 Resp: 5507
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 13.4 20.0#

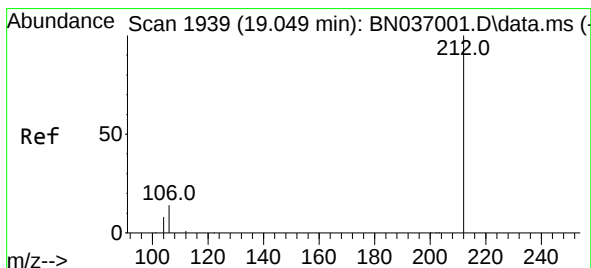
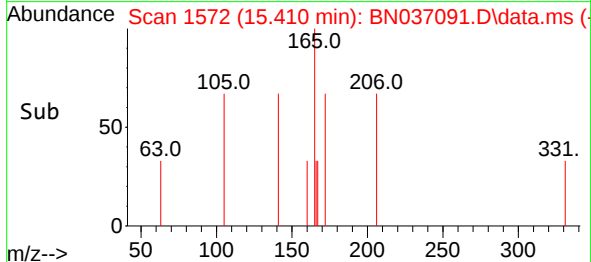
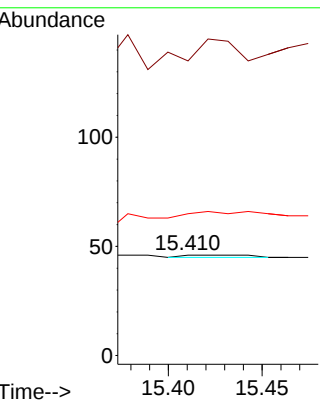
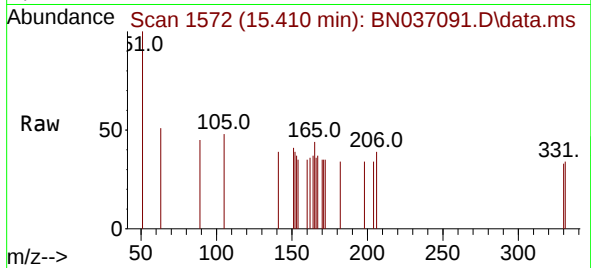




#20
4,6-Dinitro-2-methylphenol
Concen: 0.026 ng
RT: 15.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037091.D
Acq: 27 May 2025 17:36

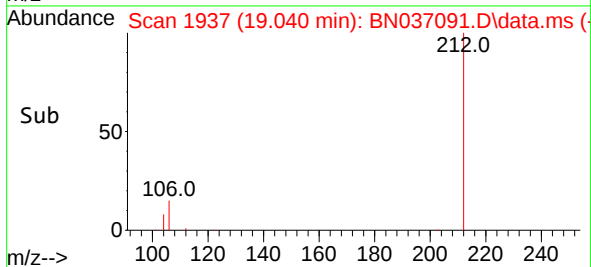
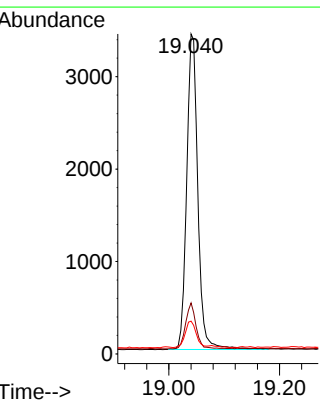
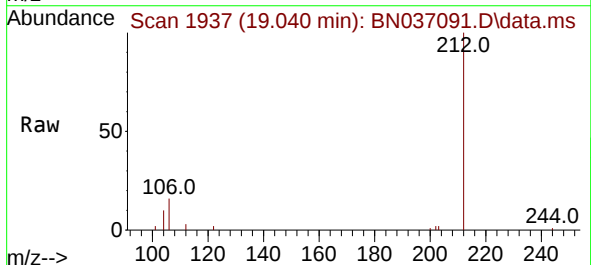
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-390-392

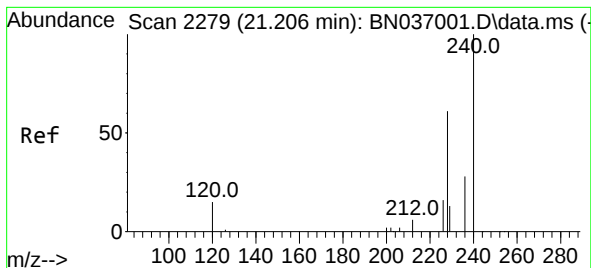
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 293.5 87.8 131.6#
105 141.3 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037091.D
Acq: 27 May 2025 17:36

Tgt Ion:212 Resp: 4792
Ion Ratio Lower Upper
212 100
106 13.7 11.3 16.9
104 8.2 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: BN037091.D

Acq: 27 May 2025 17:36

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-390-392

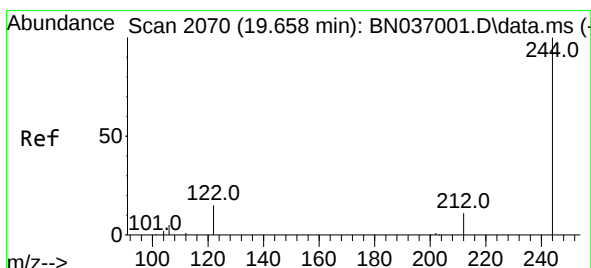
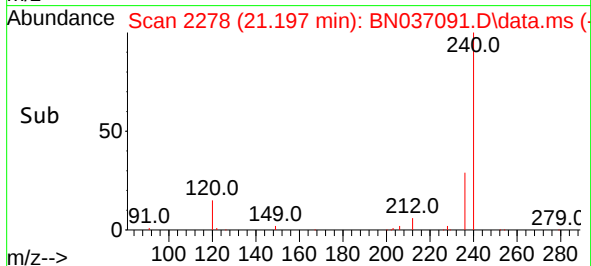
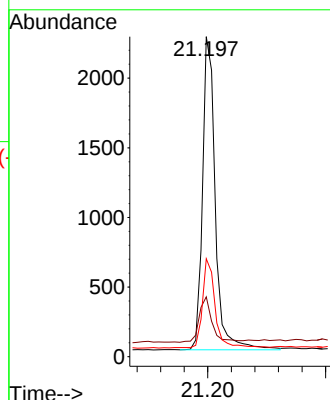
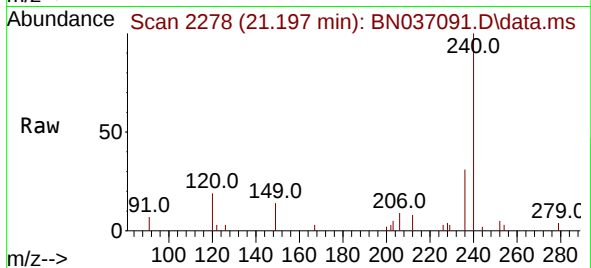
Tgt Ion:240 Resp: 3390

Ion Ratio Lower Upper

240 100

120 18.7 15.1 22.7

236 30.6 24.0 36.0



#31

Terphenyl-d14

Concen: 0.633 ng

RT: 19.649 min Scan# 2068

Delta R.T. -0.009 min

Lab File: BN037091.D

Acq: 27 May 2025 17:36

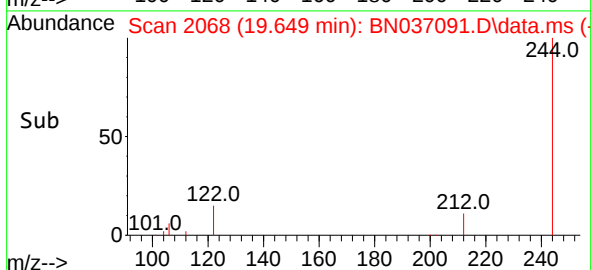
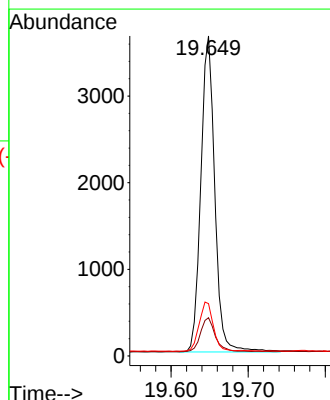
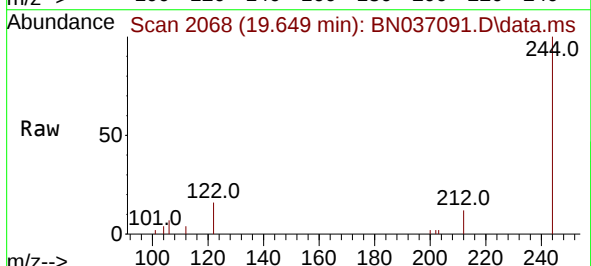
Tgt Ion:244 Resp: 4593

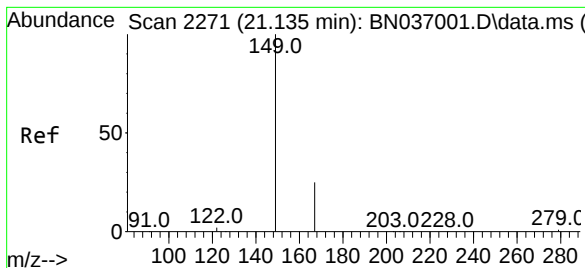
Ion Ratio Lower Upper

244 100

212 12.0 9.7 14.5

122 16.3 13.4 20.0

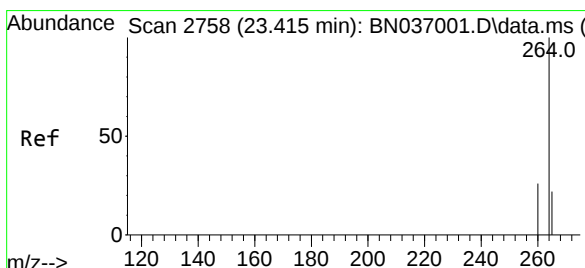
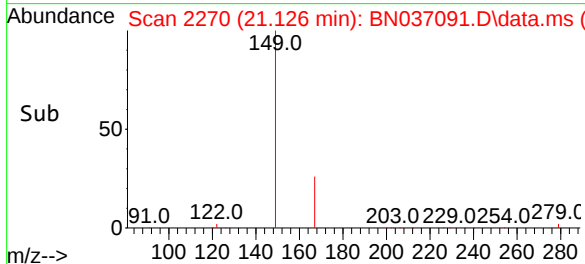
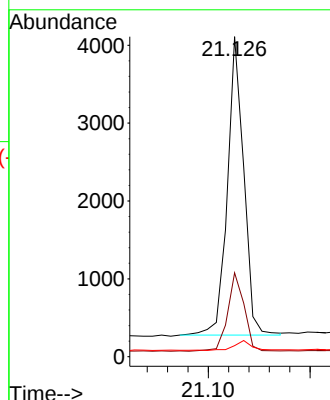
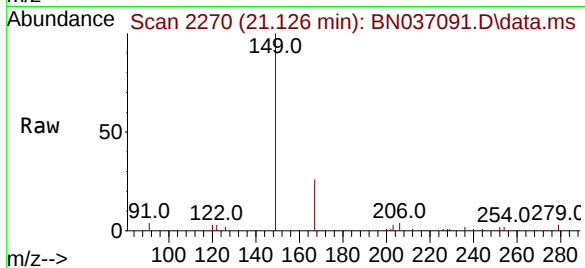




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.545 ng
 RT: 21.126 min Scan# 2110
 Delta R.T. -0.009 min
 Lab File: BN037091.D
 Acq: 27 May 2025 17:36

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-390-392

Tgt Ion:149 Resp: 4281
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.6 30.8
 279 3.4 2.6 3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.401 min Scan# 2753
 Delta R.T. -0.015 min
 Lab File: BN037091.D
 Acq: 27 May 2025 17:36

Tgt Ion:264 Resp: 2911
 Ion Ratio Lower Upper
 264 100
 260 27.9 21.9 32.9
 265 78.5 51.6 77.4#

