

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102025\
 Data File : BN038107.D
 Acq On : 20 Oct 2025 20:58
 Operator : RC/JU
 Sample : Q3371-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-920-922

Quant Time: Oct 21 02:19:02 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)

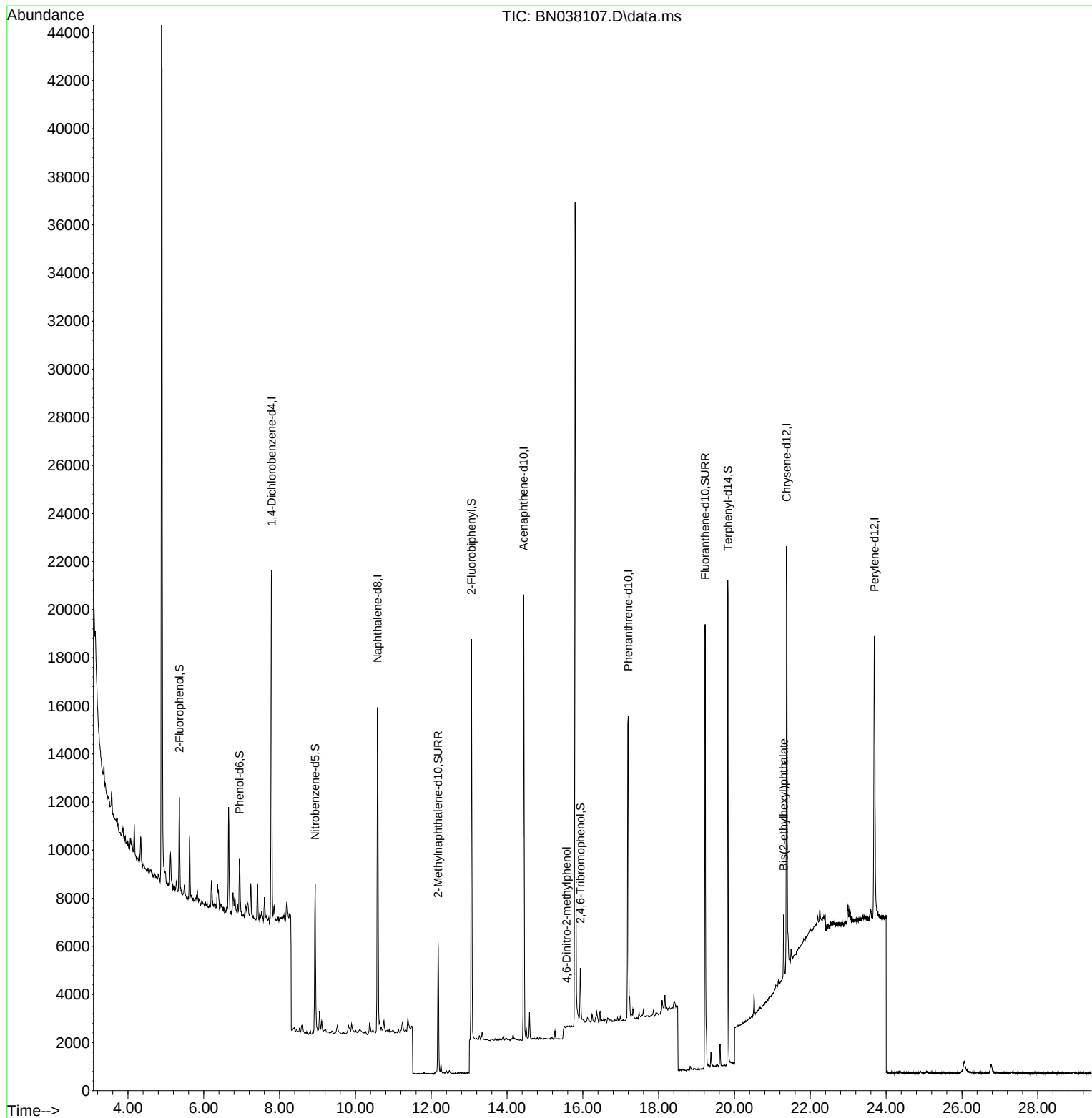
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	7237	0.400	ng	-0.04
7) Naphthalene-d8	10.583	136	19036	0.400	ng	#-0.04
13) Acenaphthene-d10	14.441	164	10109	0.400	ng	-0.03
19) Phenanthrene-d10	17.198	188	20161	0.400	ng	-0.02
29) Chrysene-d12	21.375	240	17522	0.400	ng	#-0.03
35) Perylene-d12	23.692	264	17404	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	2932	0.178	ng	-0.03
5) Phenol-d6	6.944	99	2078	0.096	ng	-0.03
8) Nitrobenzene-d5	8.939	82	5120	0.353	ng	-0.03
11) 2-Methylnaphthalene-d10	12.182	152	7724	0.292	ng	-0.04
14) 2,4,6-Tribromophenol	15.932	330	1292	0.337	ng	-0.04
15) 2-Fluorobiphenyl	13.062	172	13778	0.333	ng	-0.03
27) Fluoranthene-d10	19.225	212	20578	0.406	ng	-0.03
31) Terphenyl-d14	19.828	244	19121	0.548	ng	-0.02
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.572	198	22	0.076	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	2965	0.122	ng	# 99

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

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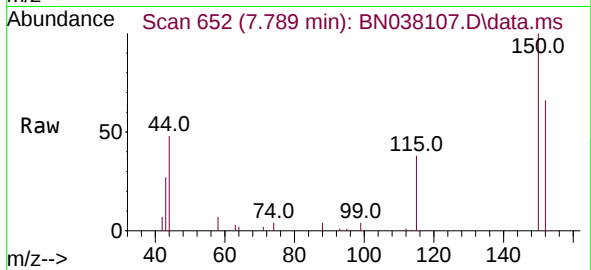
Quant Time: Oct 21 02:19:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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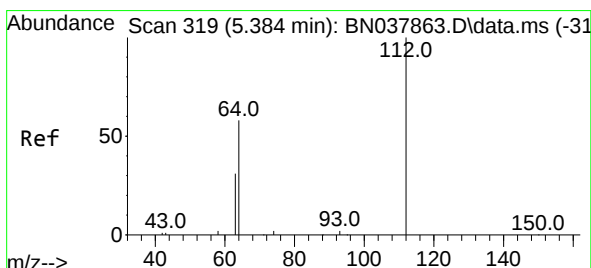
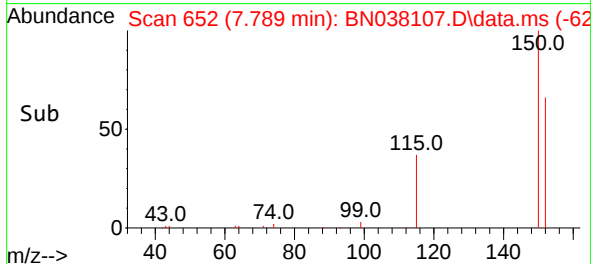
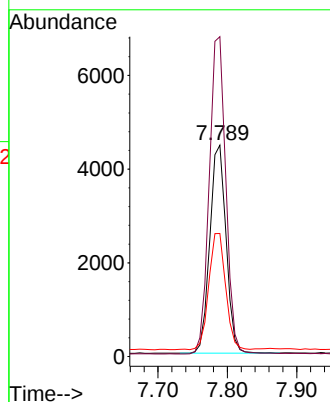


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.036 min
Lab File: BN038107.D
Acq: 20 Oct 2025 20:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-920-922

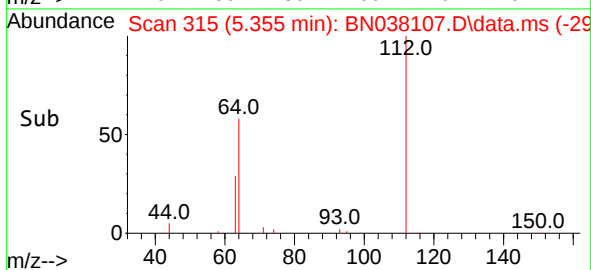
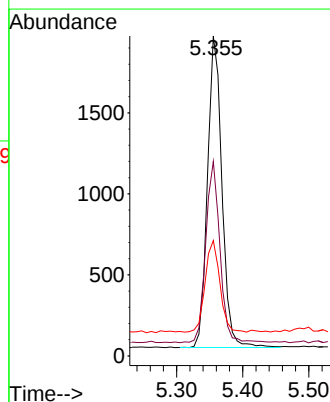
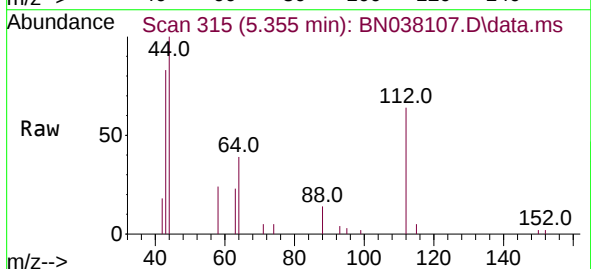


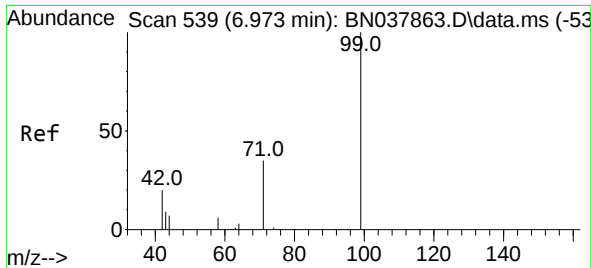
Tgt Ion:152 Resp: 7237
Ion Ratio Lower Upper
152 100
150 151.3 121.0 181.4
115 58.2 47.4 71.0



#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.355 min Scan# 315
Delta R.T. -0.029 min
Lab File: BN038107.D
Acq: 20 Oct 2025 20:58

Tgt Ion:112 Resp: 2932
Ion Ratio Lower Upper
112 100
64 57.2 44.6 66.8
63 29.9 24.9 37.3

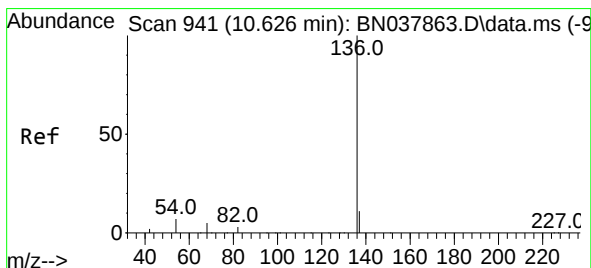
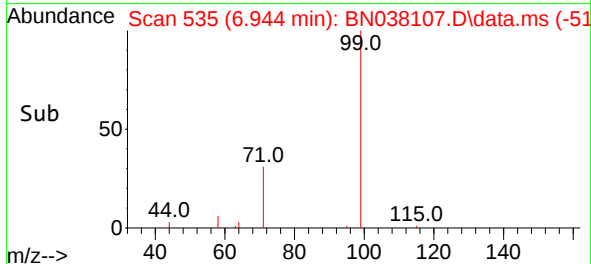
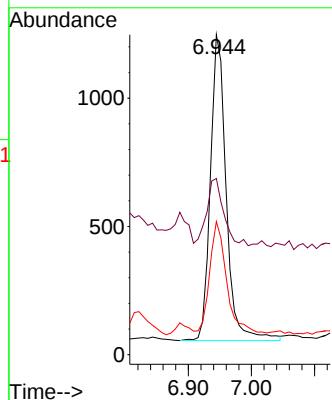
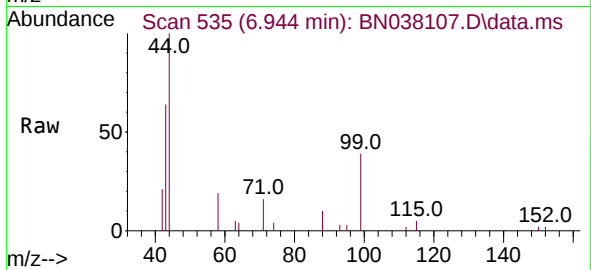




#5
Phenol-d6
Concen: 0.096 ng
RT: 6.944 min Scan# 531
Delta R.T. -0.029 min
Lab File: BN038107.D
Acq: 20 Oct 2025 20:58

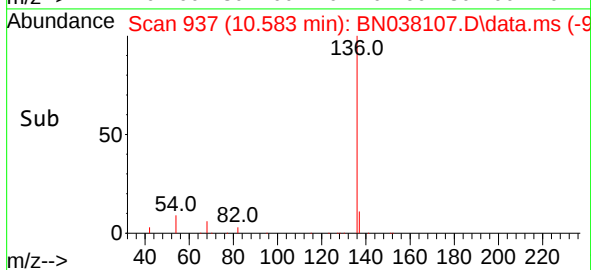
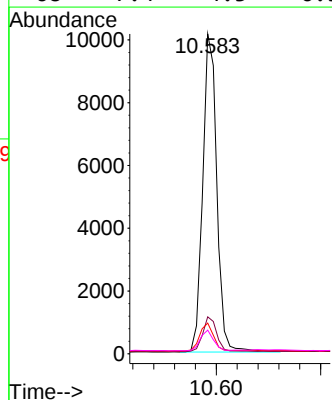
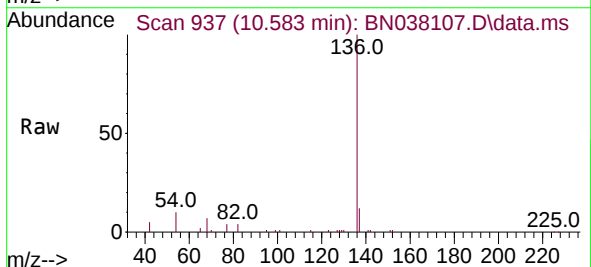
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-920-922

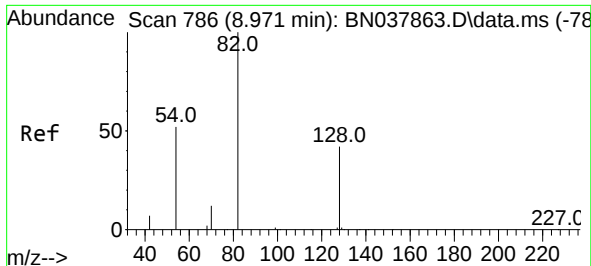
Tgt Ion: 99	Resp: 2078
Ion Ratio	Lower Upper
99 100	
42 22.7	17.2 25.8
71 38.3	27.3 40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.583 min Scan# 937
Delta R.T. -0.043 min
Lab File: BN038107.D
Acq: 20 Oct 2025 20:58

Tgt Ion: 136	Resp: 19036
Ion Ratio	Lower Upper
136 100	
137 11.6	9.0 13.4
54 9.6	5.8 8.8#
68 7.4	4.3 6.5#

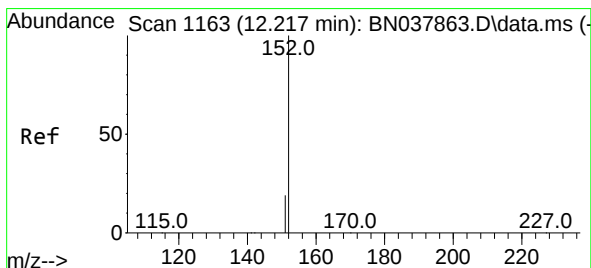
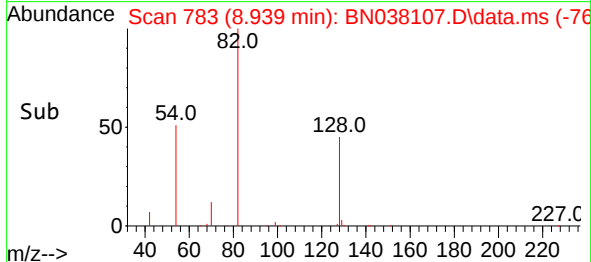
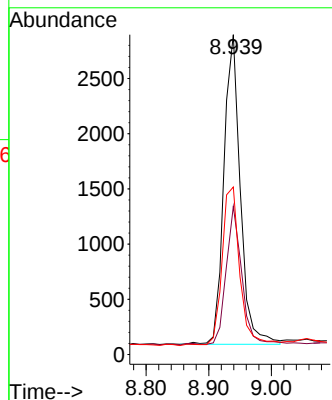
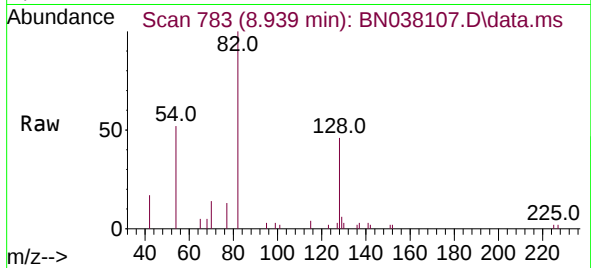




#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.939 min Scan# 786
Delta R.T. -0.032 min
Lab File: BN038107.D
Acq: 20 Oct 2025 20:58

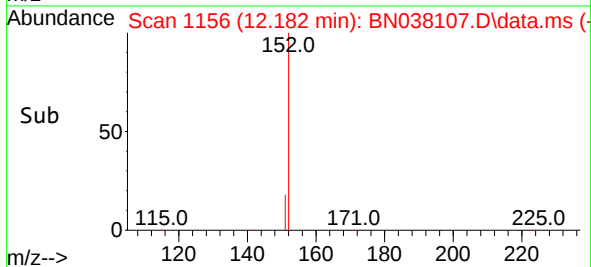
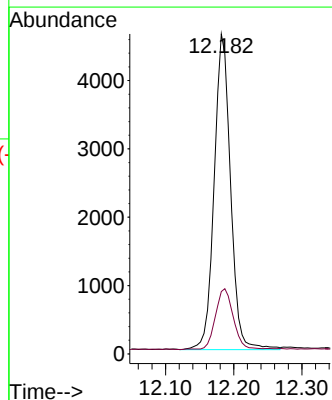
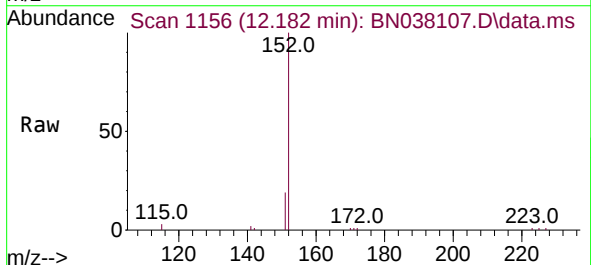
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-920-922

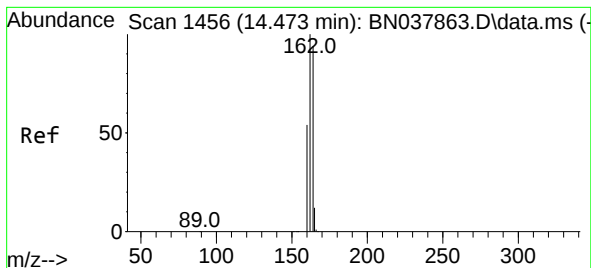
Tgt Ion: 82 Resp: 5120
Ion Ratio Lower Upper
82 100
128 46.3 34.8 52.2
54 52.4 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.182 min Scan# 1156
Delta R.T. -0.036 min
Lab File: BN038107.D
Acq: 20 Oct 2025 20:58

Tgt Ion: 152 Resp: 7724
Ion Ratio Lower Upper
152 100
151 20.9 17.4 26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.441 min Scan# 14

Delta R.T. -0.032 min

Lab File: BN038107.D

Acq: 20 Oct 2025 20:58

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-920-922

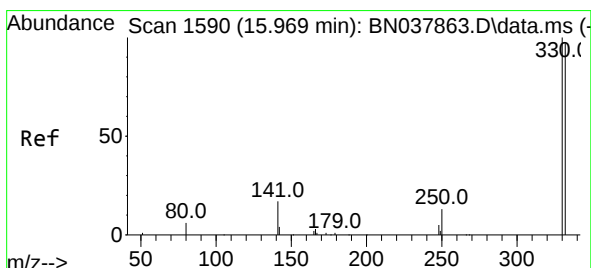
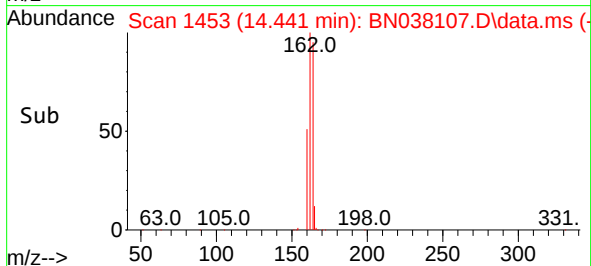
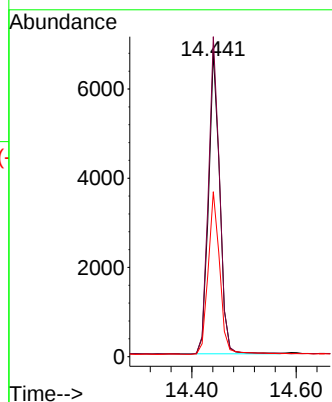
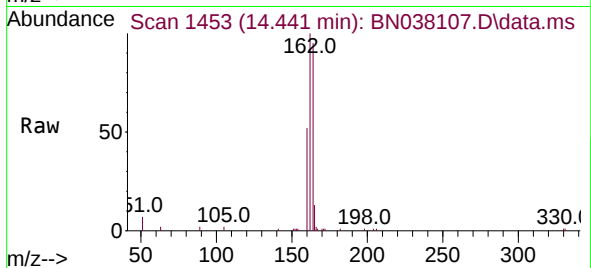
Tgt Ion:164 Resp: 10109

Ion Ratio Lower Upper

164 100

162 105.2 84.8 127.2

160 54.2 46.1 69.1



#14

2,4,6-Tribromophenol

Concen: 0.337 ng

RT: 15.932 min Scan# 1587

Delta R.T. -0.037 min

Lab File: BN038107.D

Acq: 20 Oct 2025 20:58

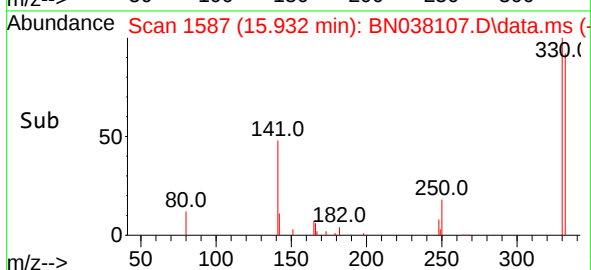
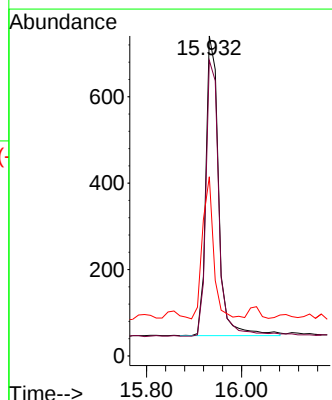
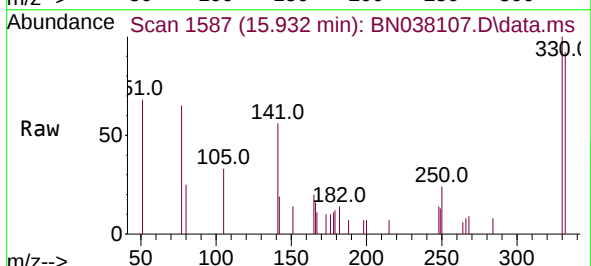
Tgt Ion:330 Resp: 1292

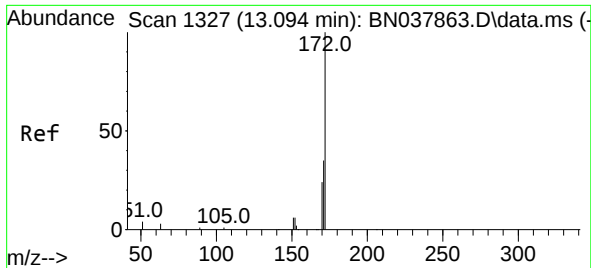
Ion Ratio Lower Upper

330 100

332 93.6 77.2 115.8

141 40.9 37.2 55.8

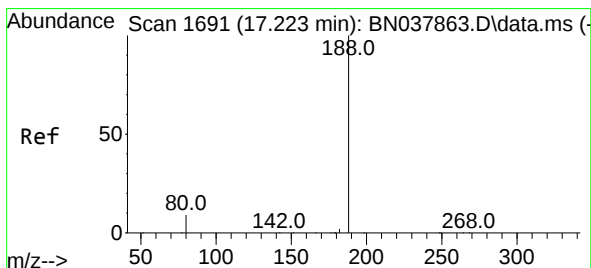
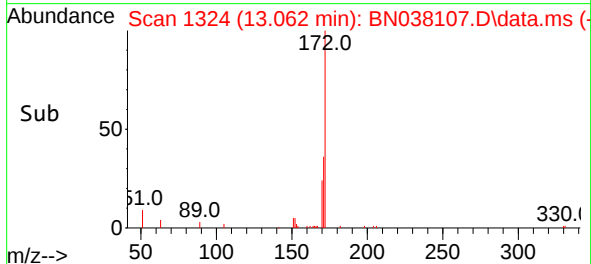
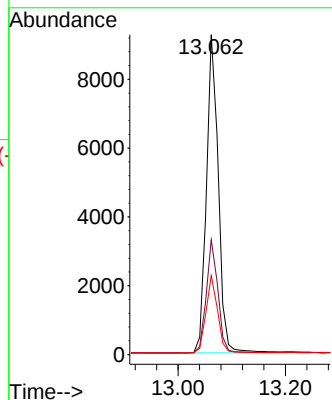
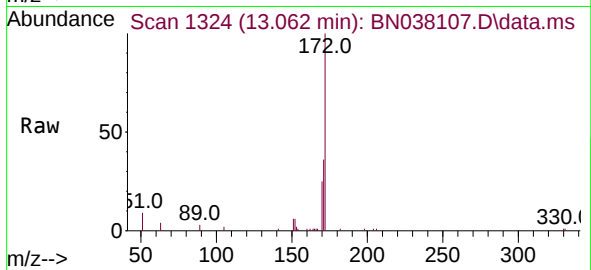




#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.062 min Scan# 1327
Delta R.T. -0.032 min
Lab File: BN038107.D
Acq: 20 Oct 2025 20:58

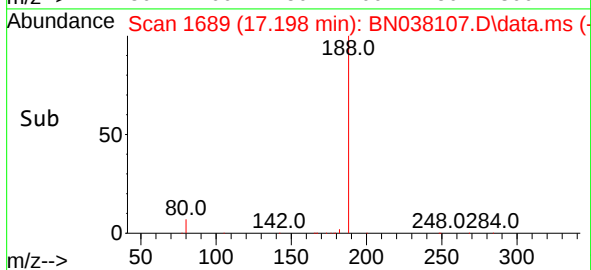
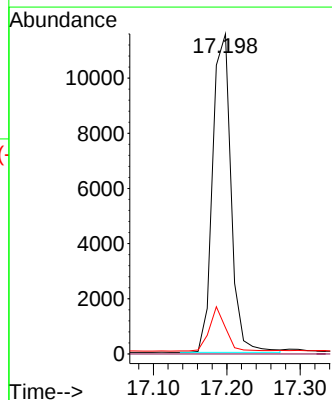
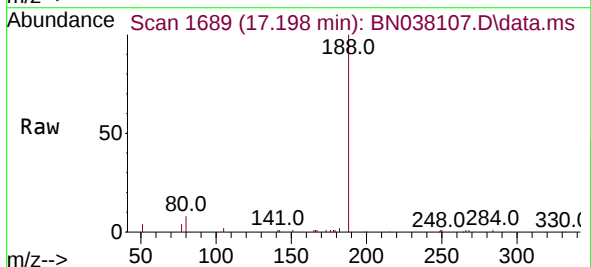
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-920-922

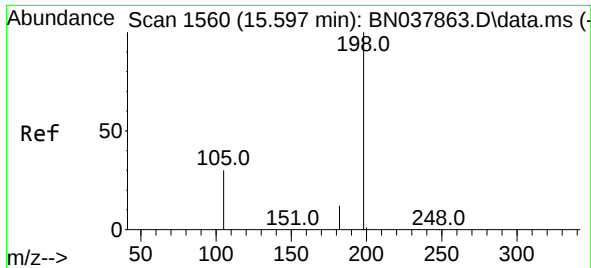
Tgt Ion:	172	Resp:	13778
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.6	43.0
170	24.7	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038107.D
Acq: 20 Oct 2025 20:58

Tgt Ion:	188	Resp:	20161
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.2	7.6	11.4

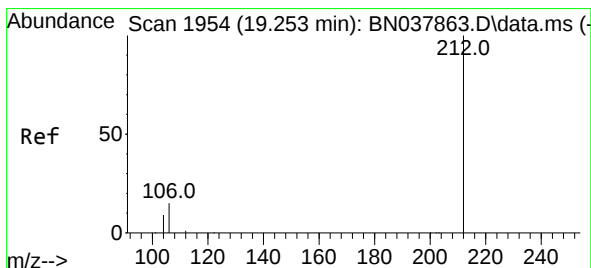
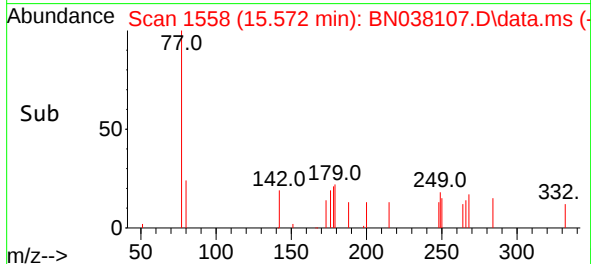
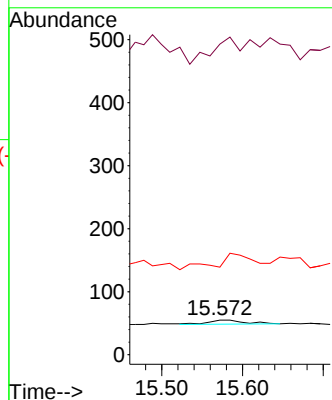
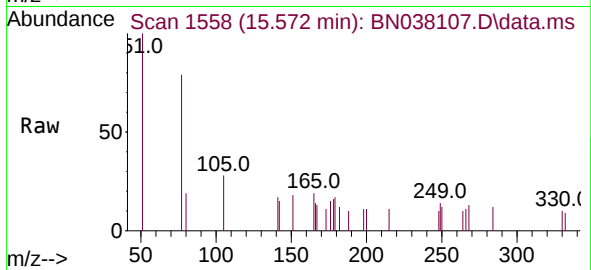




#20
4,6-Dinitro-2-methylphenol
Concen: 0.076 ng
RT: 15.572 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN038107.D
Acq: 20 Oct 2025 20:58

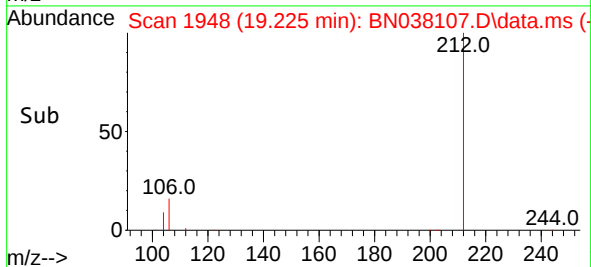
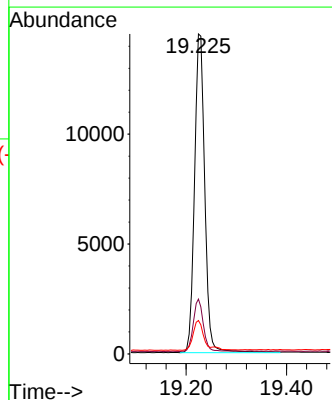
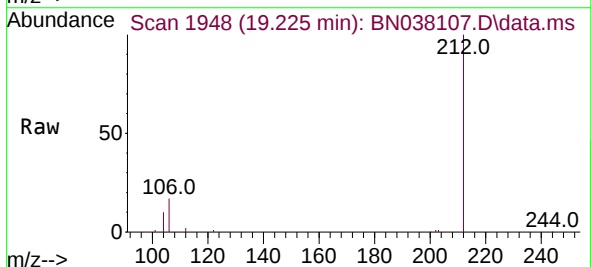
Instrument :
BNA_N
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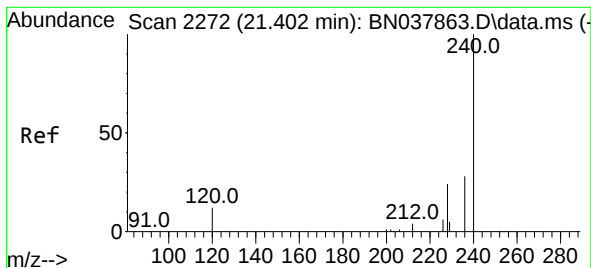
Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 896.4 59.1 88.7#
105 252.7 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.225 min Scan# 1948
Delta R.T. -0.028 min
Lab File: BN038107.D
Acq: 20 Oct 2025 20:58

Tgt Ion:212 Resp: 20578
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 10.3 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 21

Delta R.T. -0.027 min

Lab File: BN038107.D

Acq: 20 Oct 2025 20:58

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-920-922

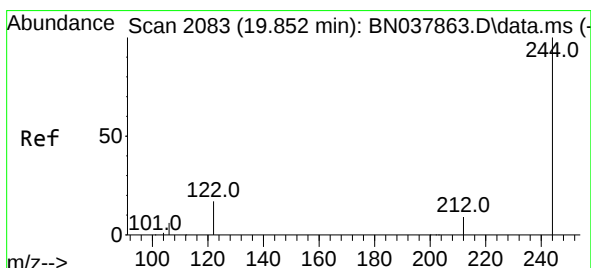
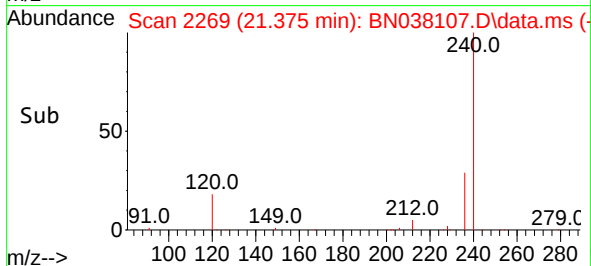
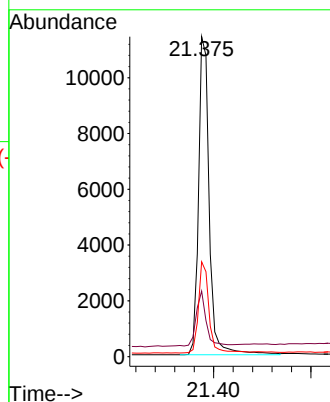
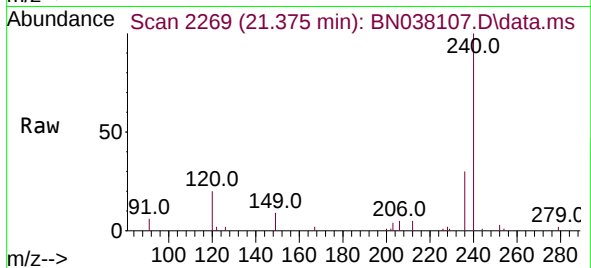
Tgt Ion:240 Resp: 17522

Ion Ratio Lower Upper

240 100

120 20.5 11.4 17.2#

236 29.6 23.0 34.6



#31

Terphenyl-d14

Concen: 0.548 ng

RT: 19.828 min Scan# 2078

Delta R.T. -0.023 min

Lab File: BN038107.D

Acq: 20 Oct 2025 20:58

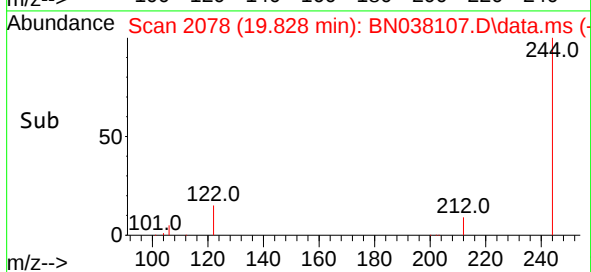
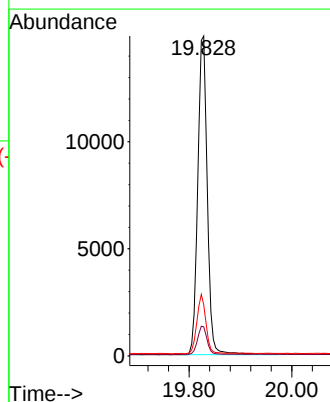
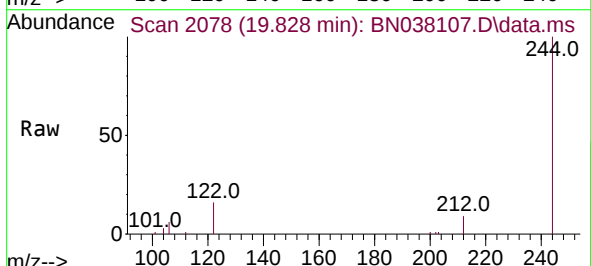
Tgt Ion:244 Resp: 19121

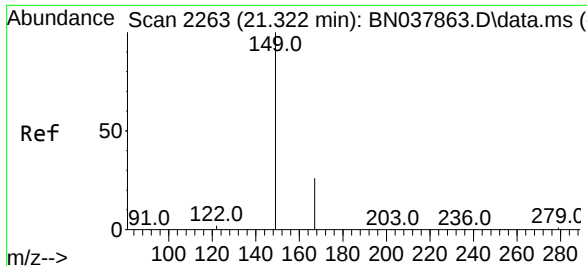
Ion Ratio Lower Upper

244 100

212 9.1 7.6 11.4

122 16.0 13.9 20.9

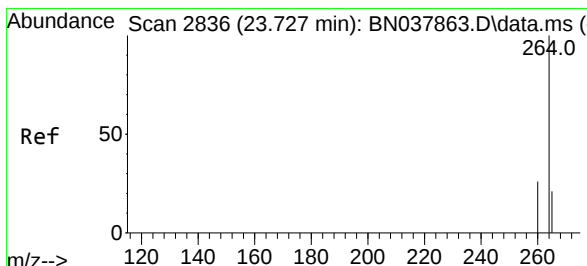
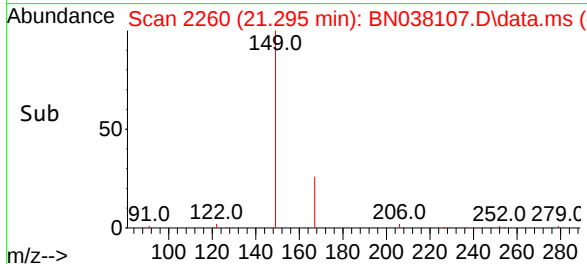
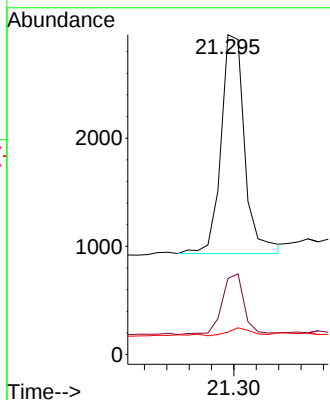
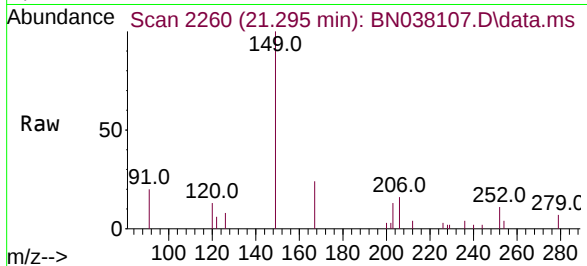




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.122 ng
 RT: 21.295 min Scan# 21
 Delta R.T. -0.027 min
 Lab File: BN038107.D
 Acq: 20 Oct 2025 20:58

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-920-922

Tgt Ion:149 Resp: 2965
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.4 30.6
 279 3.7 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.692 min Scan# 2824
 Delta R.T. -0.035 min
 Lab File: BN038107.D
 Acq: 20 Oct 2025 20:58

Tgt Ion:264 Resp: 17404
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.5 32.3
 265 77.2 53.8 80.6

