

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102025\
 Data File : BN038105.D
 Acq On : 20 Oct 2025 19:45
 Operator : RC/JU
 Sample : Q3371-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-EB-20251016

Quant Time: Oct 21 02:24:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 21 02:23:15 2025
 Response via : Initial Calibration

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

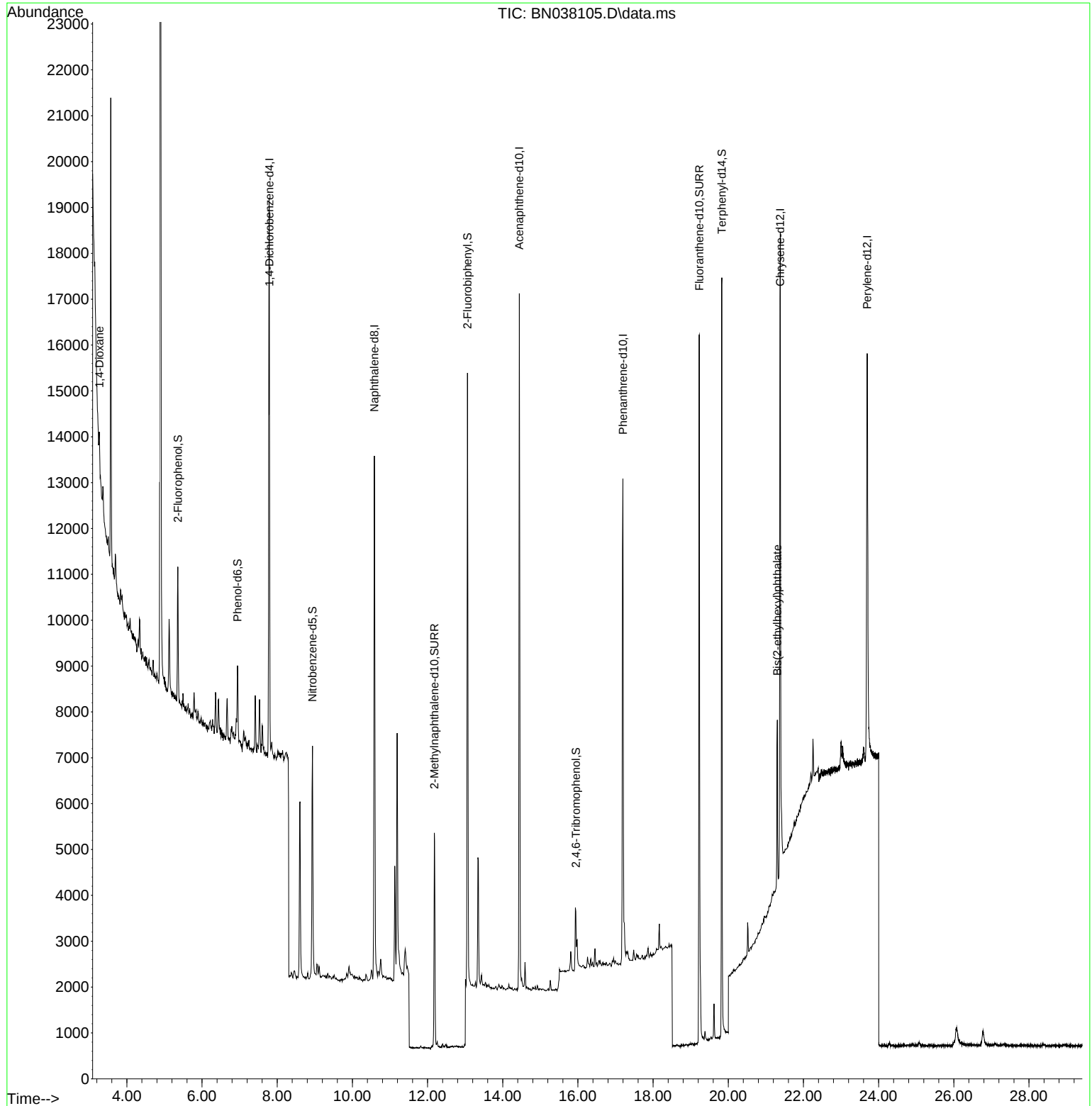
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	6197	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	16002	0.400	ng	# 0.00
13) Acenaphthene-d10	14.441	164	8401	0.400	ng	0.00
19) Phenanthrene-d10	17.198	188	17071	0.400	ng	0.00
29) Chrysene-d12	21.384	240	15030	0.400	ng	0.00
35) Perylene-d12	23.695	264	14485	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	2274	0.161	ng	0.00
5) Phenol-d6	6.944	99	1516	0.082	ng	0.00
8) Nitrobenzene-d5	8.939	82	4434	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.182	152	6748	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	973	0.305	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	11962	0.348	ng	0.00
27) Fluoranthene-d10	19.229	212	18080	0.421	ng	0.00
31) Terphenyl-d14	19.829	244	16424	0.549	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.268	88	482	0.077	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.304	149	3816	0.184	ng	# 96

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

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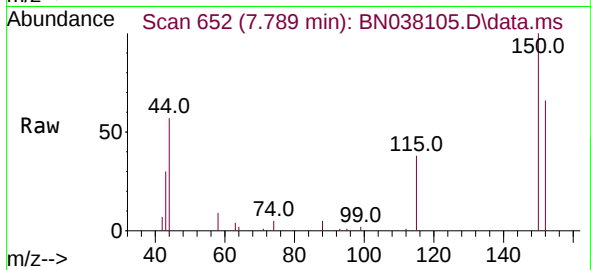
Quant Time: Oct 21 02:24:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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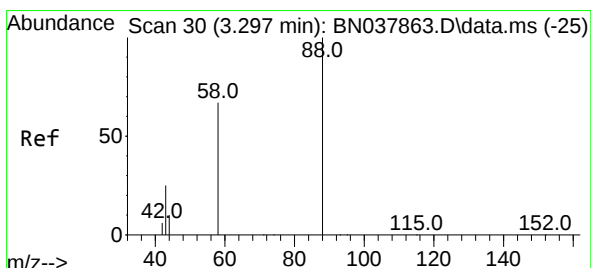
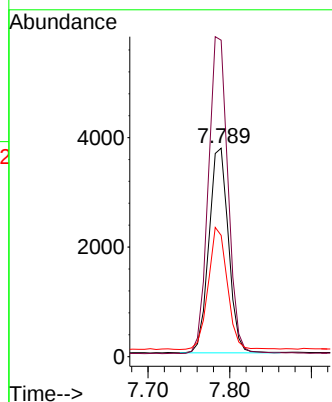
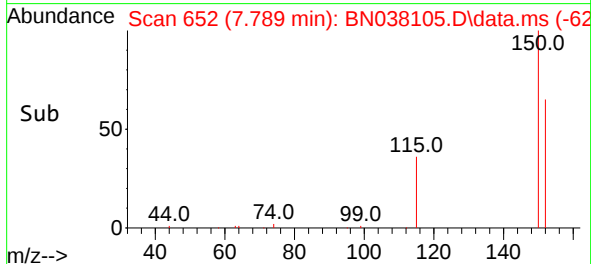


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN038105.D
 Acq: 20 Oct 2025 19:45

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-EB-20251016

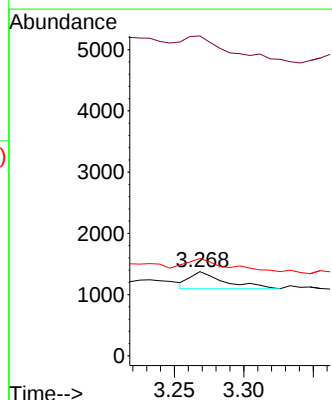
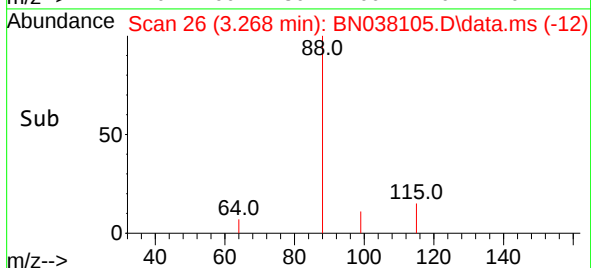
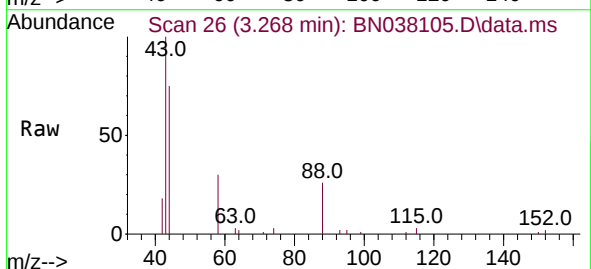


Tgt Ion:152 Resp: 6197
 Ion Ratio Lower Upper
 152 100
 150 151.8 121.0 181.4
 115 58.2 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.077 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN038105.D
 Acq: 20 Oct 2025 19:45

Tgt Ion: 88 Resp: 482
 Ion Ratio Lower Upper
 88 100
 43 227.4 26.6 39.8#
 58 104.8 58.9 88.3#





#4

2-Fluorophenol

Concen: 0.161 ng

RT: 5.356 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN038105.D

Acq: 20 Oct 2025 19:45

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-EB-20251016

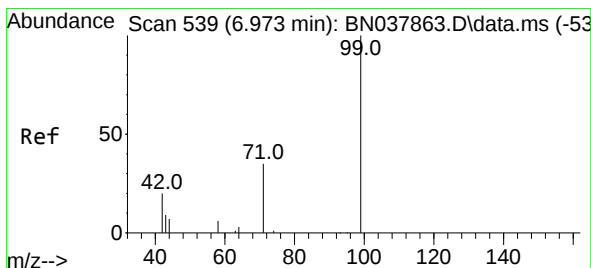
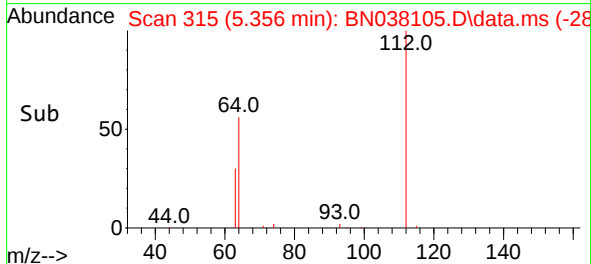
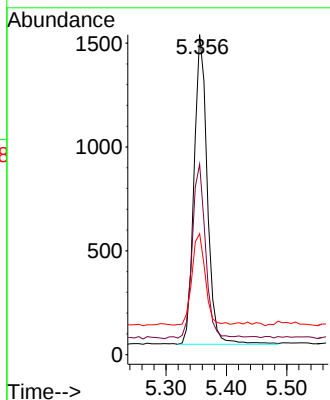
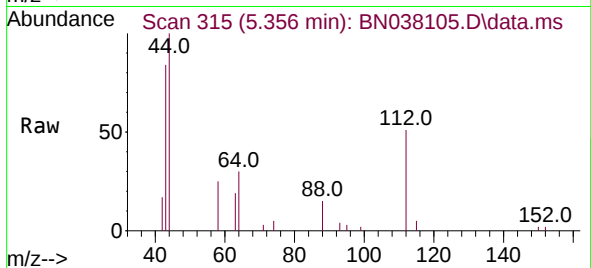
Tgt Ion:112 Resp: 2274

Ion Ratio Lower Upper

112 100

64 56.8 44.6 66.8

63 29.8 24.9 37.3



#5

Phenol-d6

Concen: 0.082 ng

RT: 6.944 min Scan# 535

Delta R.T. 0.000 min

Lab File: BN038105.D

Acq: 20 Oct 2025 19:45

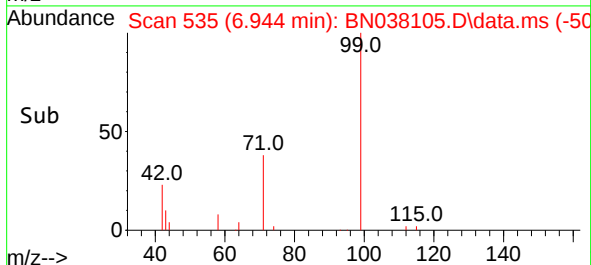
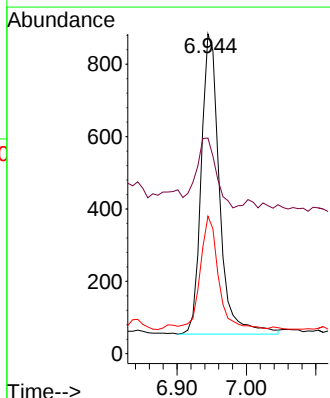
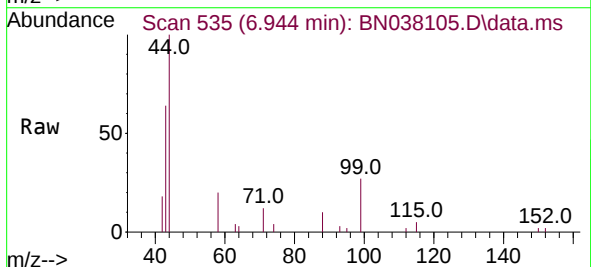
Tgt Ion: 99 Resp: 1516

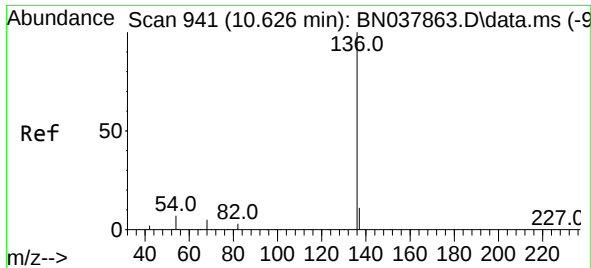
Ion Ratio Lower Upper

99 100

42 25.3 17.2 25.8

71 36.3 27.3 40.9

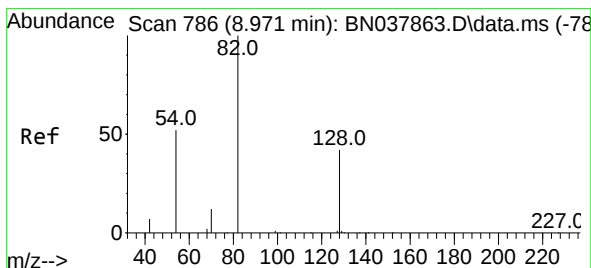
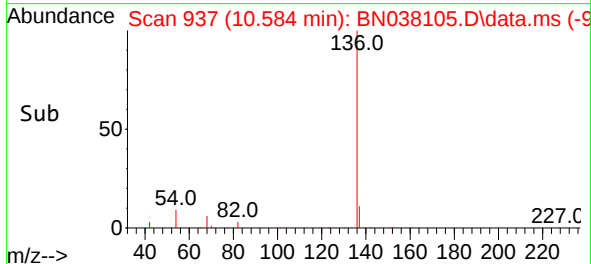
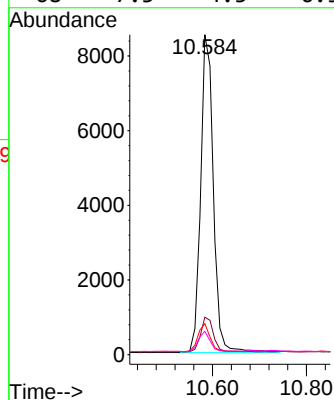
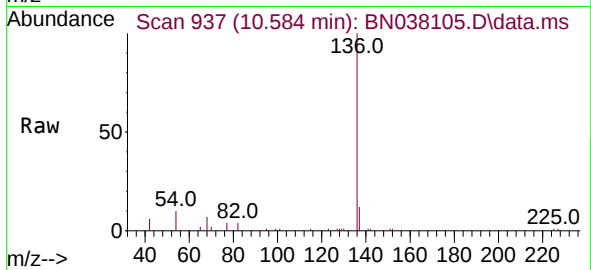




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038105.D
Acq: 20 Oct 2025 19:45

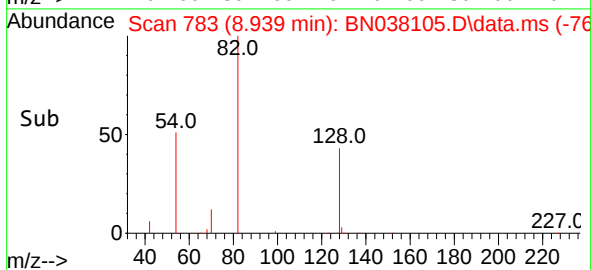
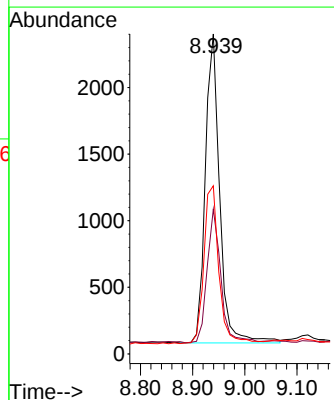
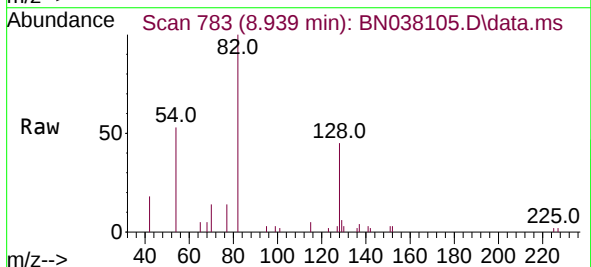
Instrument :
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BP-VPB-184-EB-20251016

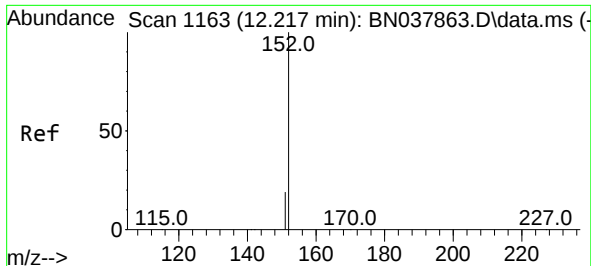
Tgt Ion:	136	Resp:	16002
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.4
54	9.7	5.8	8.8#
68	7.3	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.939 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN038105.D
Acq: 20 Oct 2025 19:45

Tgt Ion:	82	Resp:	4434
Ion Ratio	Lower	Upper	
82	100		
128	45.2	34.8	52.2
54	52.5	42.2	63.2

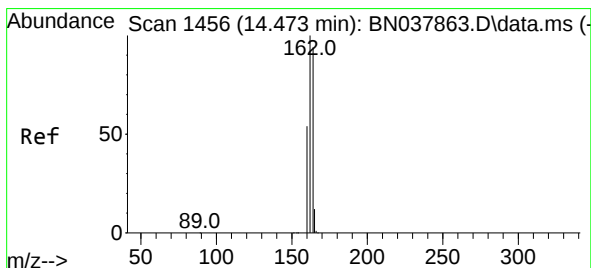
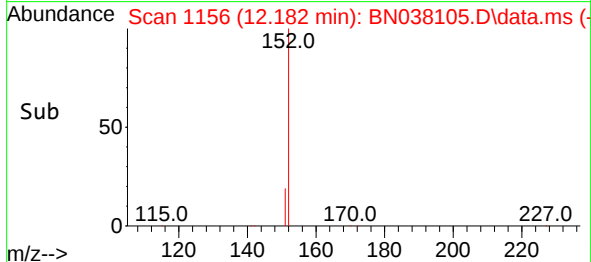
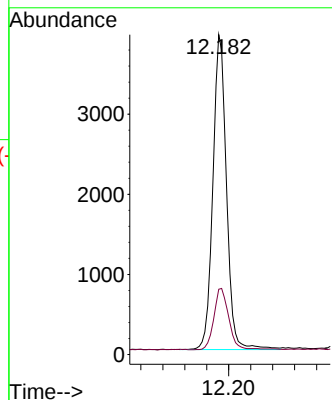
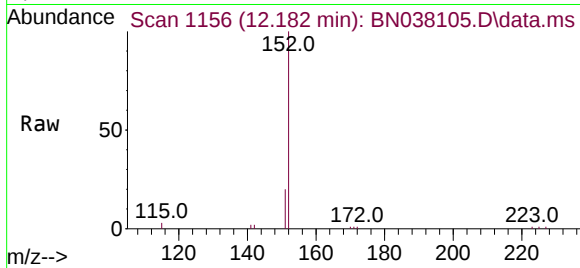




#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.182 min Scan# 1163
Delta R.T. -0.005 min
Lab File: BN038105.D
Acq: 20 Oct 2025 19:45

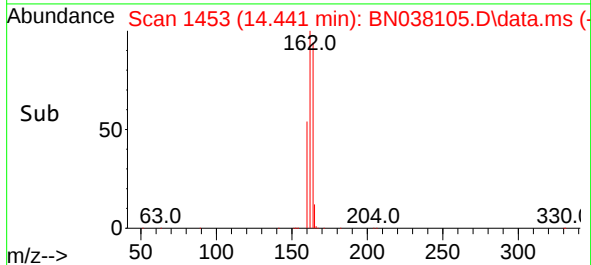
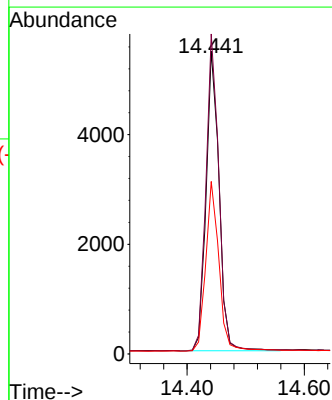
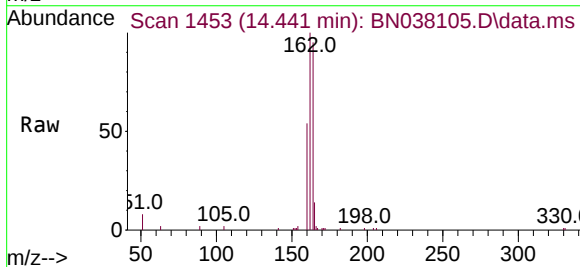
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20251016

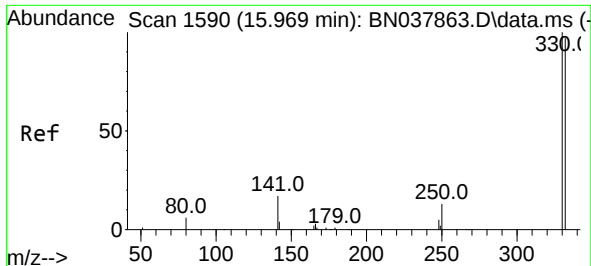
Tgt Ion:152 Resp: 6748
Ion Ratio Lower Upper
152 100
151 21.3 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.441 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BN038105.D
Acq: 20 Oct 2025 19:45

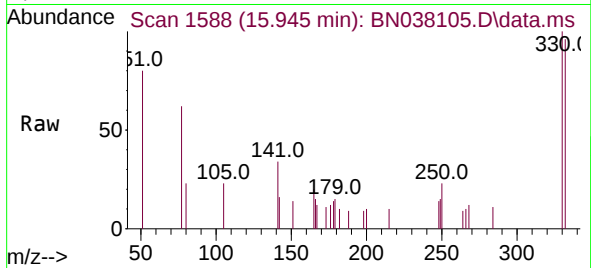
Tgt Ion:164 Resp: 8401
Ion Ratio Lower Upper
164 100
162 105.7 84.8 127.2
160 56.9 46.1 69.1



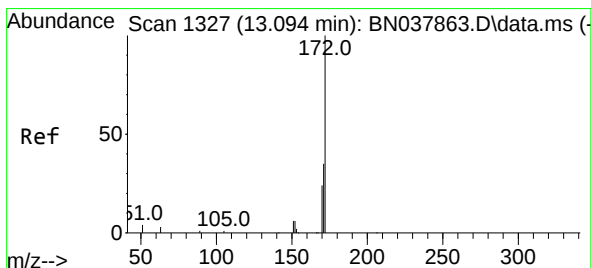
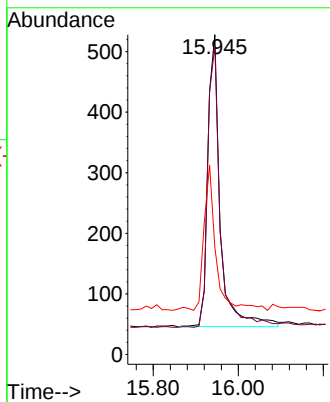
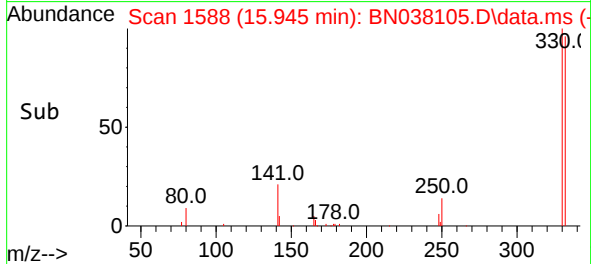


#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.945 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BN038105.D
Acq: 20 Oct 2025 19:45

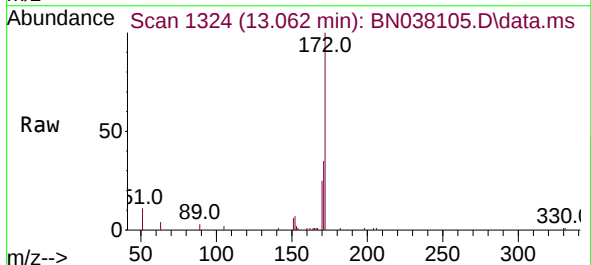
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20251016



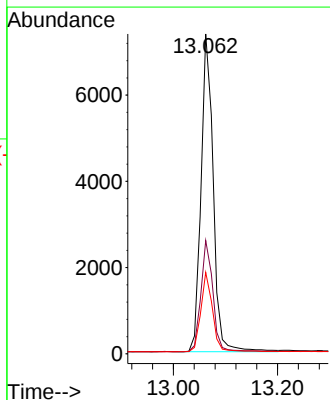
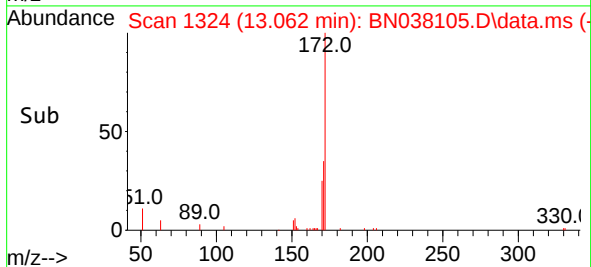
Tgt Ion:330 Resp: 973
Ion Ratio Lower Upper
330 100
332 97.9 77.2 115.8
141 47.8 37.2 55.8

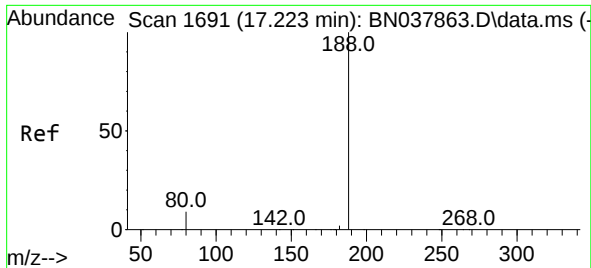


#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.062 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BN038105.D
Acq: 20 Oct 2025 19:45



Tgt Ion:172 Resp: 11962
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 25.5 19.7 29.5

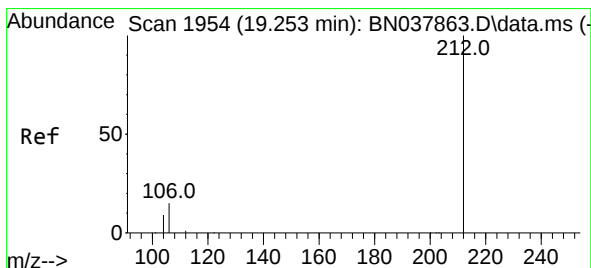
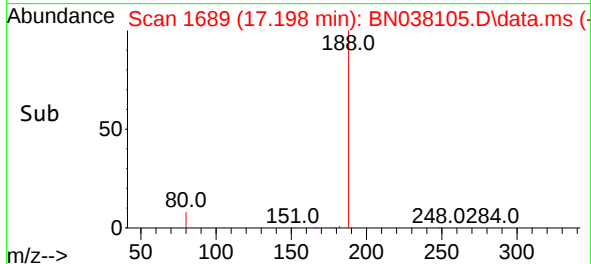
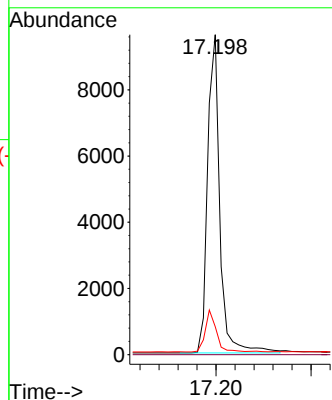
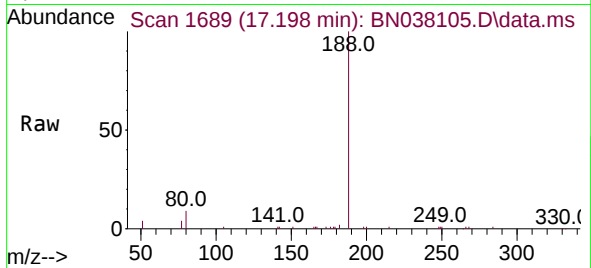




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN038105.D
Acq: 20 Oct 2025 19:45

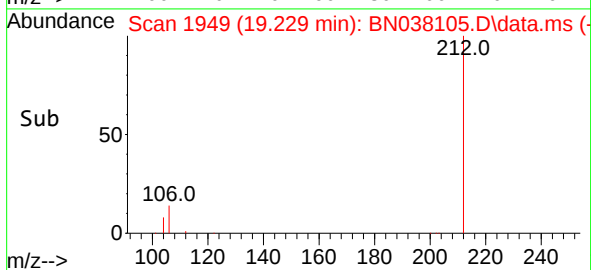
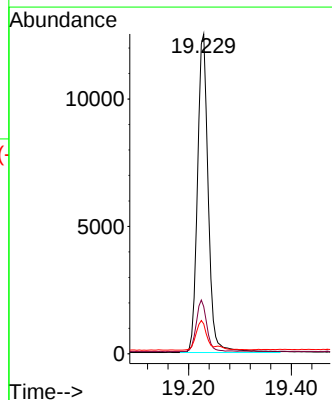
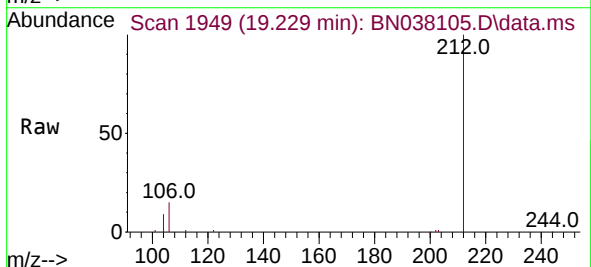
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-EB-20251016

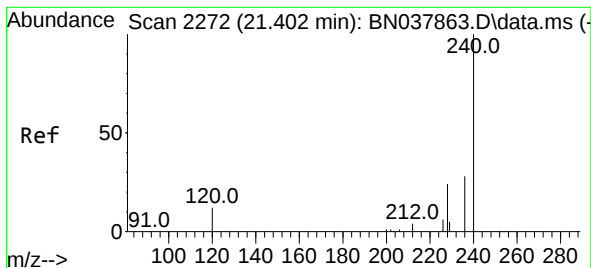
Tgt Ion:188 Resp: 17071
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.229 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BN038105.D
Acq: 20 Oct 2025 19:45

Tgt Ion:212 Resp: 18080
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 9.2 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.384 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN038105.D

Acq: 20 Oct 2025 19:45

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-EB-20251016

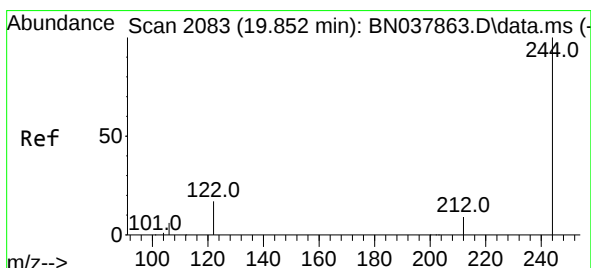
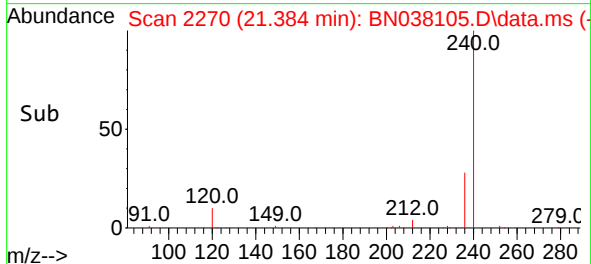
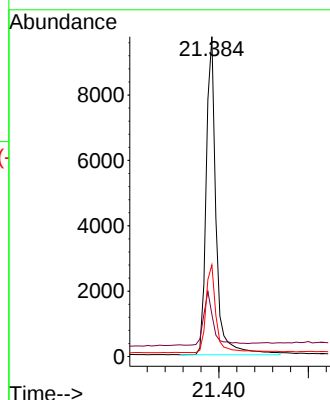
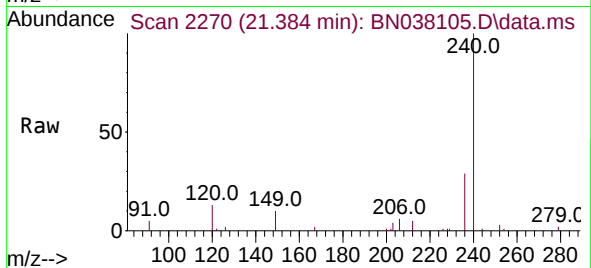
Tgt Ion:240 Resp: 15030

Ion Ratio Lower Upper

240 100

120 13.2 11.4 17.2

236 28.7 23.0 34.6



#31

Terphenyl-d14

Concen: 0.549 ng

RT: 19.829 min Scan# 2078

Delta R.T. -0.005 min

Lab File: BN038105.D

Acq: 20 Oct 2025 19:45

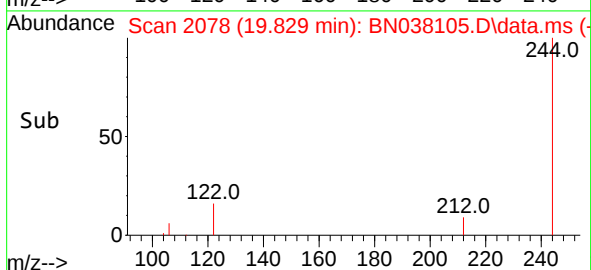
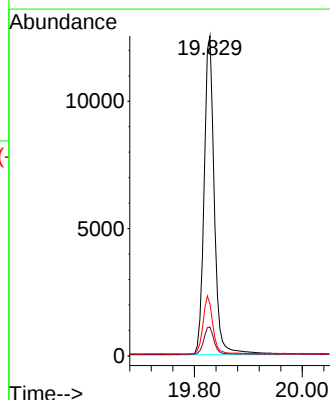
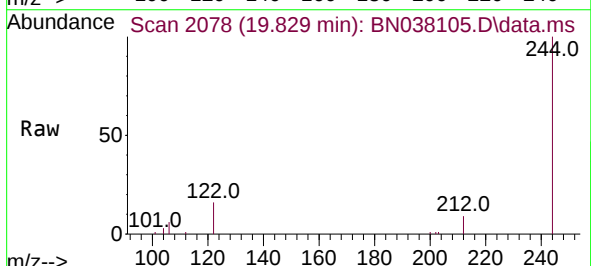
Tgt Ion:244 Resp: 16424

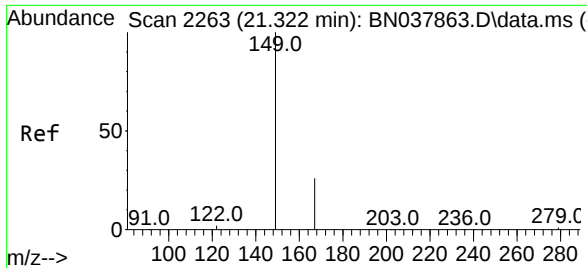
Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

122 16.3 13.9 20.9

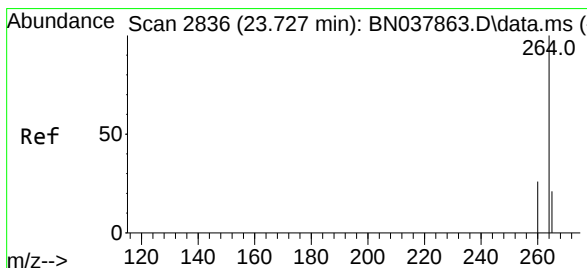
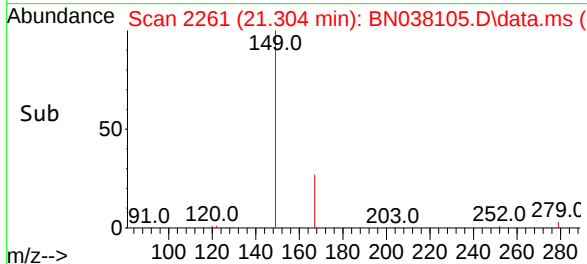
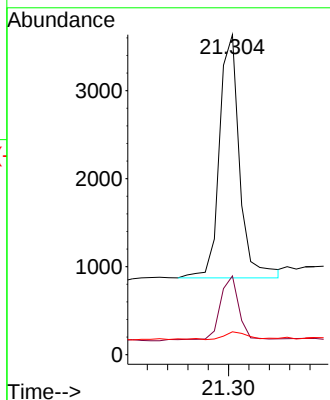
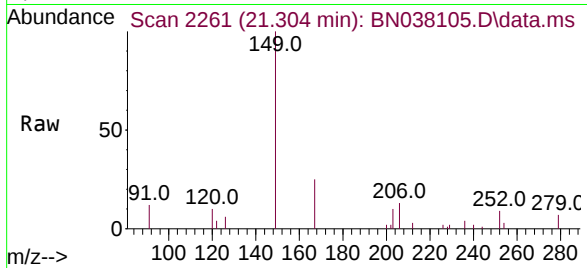




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.184 ng
 RT: 21.304 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN038105.D
 Acq: 20 Oct 2025 19:45

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-EB-20251016

Tgt Ion:149 Resp: 3816
 Ion Ratio Lower Upper
 149 100
 167 23.6 20.4 30.6
 279 3.9 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.695 min Scan# 2825
 Delta R.T. -0.006 min
 Lab File: BN038105.D
 Acq: 20 Oct 2025 19:45

Tgt Ion:264 Resp: 14485
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.5 32.3
 265 94.5 53.8 80.6#

