

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038078.D
 Acq On : 13 Oct 2025 21:00
 Operator : RC/JU
 Sample : Q3324-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-840-842

Quant Time: Oct 14 02:39:55 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

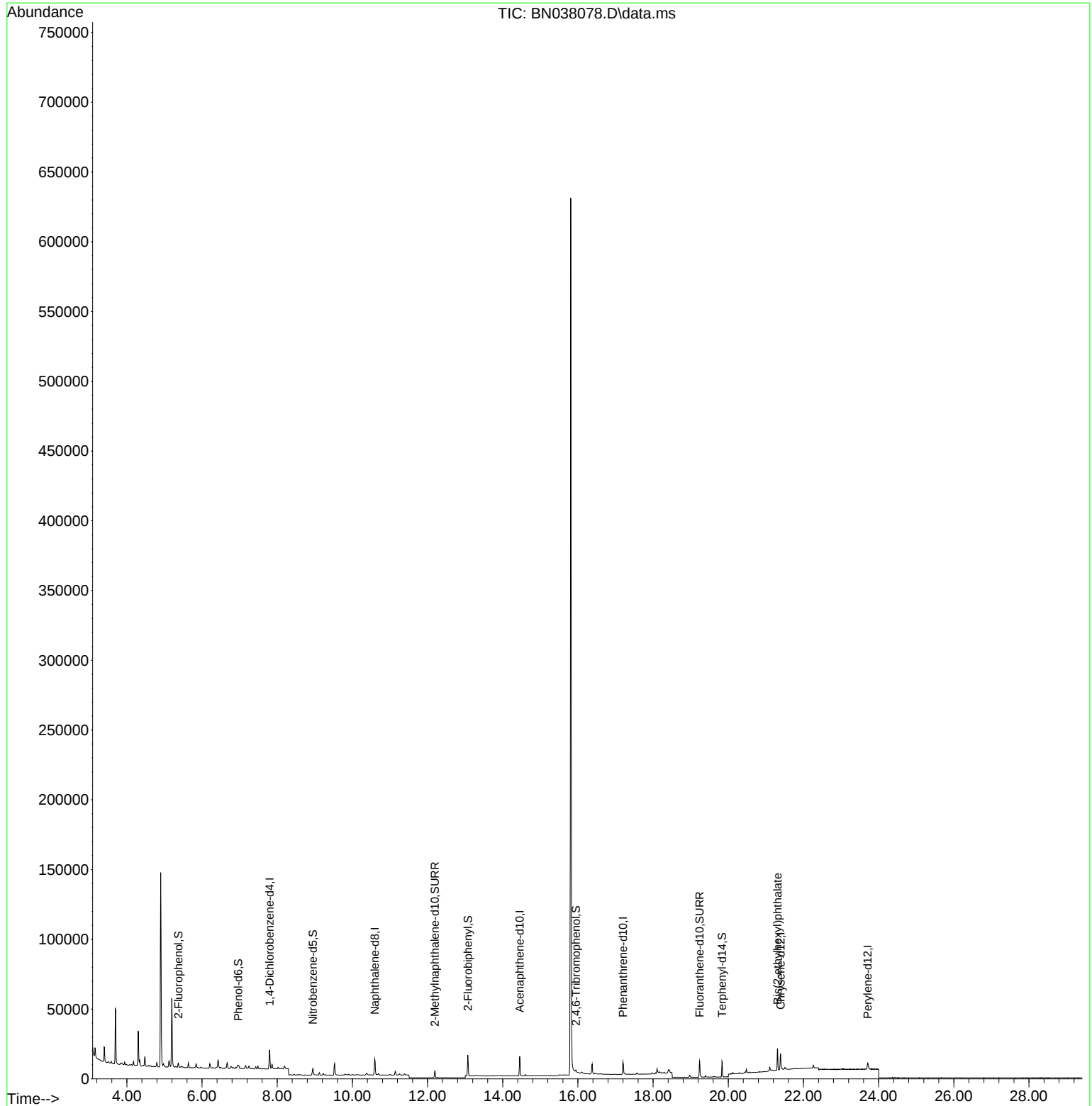
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.797	152	5887	0.400 ng	-0.03
7) Naphthalene-d8	10.594	136	15917	0.400 ng	#-0.03
13) Acenaphthene-d10	14.452	164	7552	0.400 ng	-0.02
19) Phenanthrene-d10	17.198	188	13324	0.400 ng	#-0.02
29) Chrysene-d12	21.393	240	12137	0.400 ng	0.00
35) Perylene-d12	23.709	264	7289	0.400 ng	#-0.02
System Monitoring Compounds					
4) 2-Fluorophenol	5.370	112	2356	0.175 ng	-0.01
5) Phenol-d6	6.959	99	1652	0.094 ng	-0.01
8) Nitrobenzene-d5	8.950	82	3837	0.316 ng	-0.02
11) 2-Methylnaphthalene-d10	12.192	152	7064	0.320 ng	-0.03
14) 2,4,6-Tribromophenol	15.944	330	871	0.304 ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	12285	0.397 ng	-0.02
27) Fluoranthene-d10	19.239	212	12789	0.382 ng	-0.01
31) Terphenyl-d14	19.833	244	10679	0.442 ng	-0.02
Target Compounds					
34) Bis(2-ethylhexyl)phtha...	21.313	149	15612	0.930 ng	Qvalue 100

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

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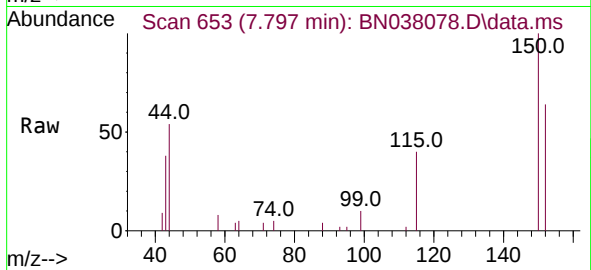
Quant Time: Oct 14 02:39:55 2025
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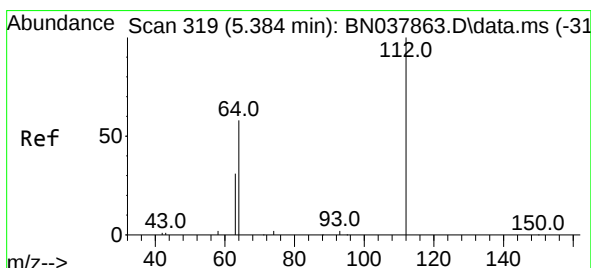
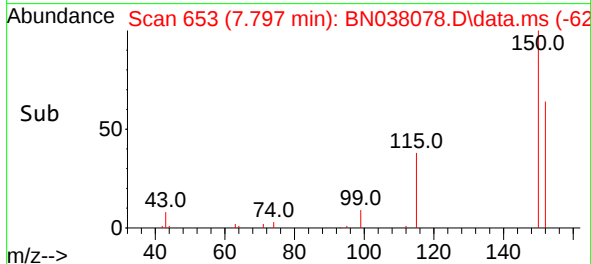
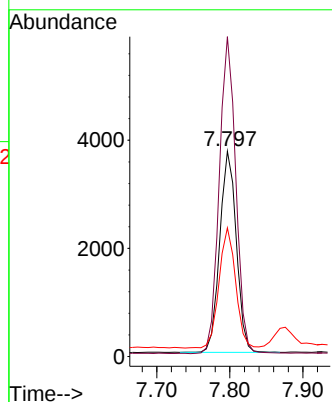


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.028 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-840-842

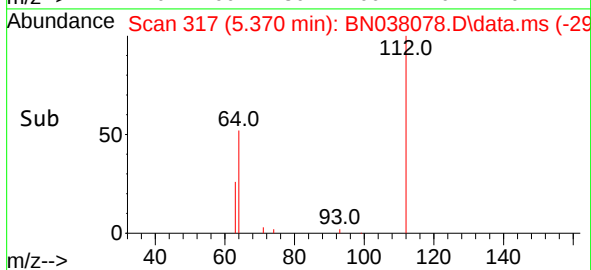
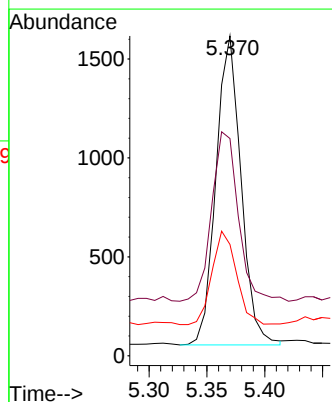
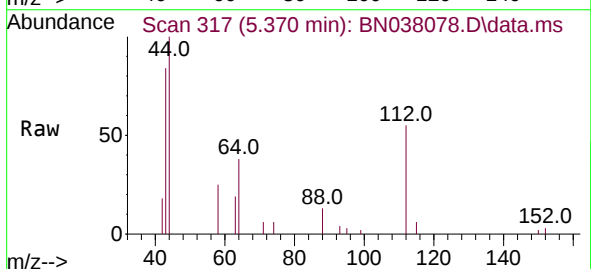


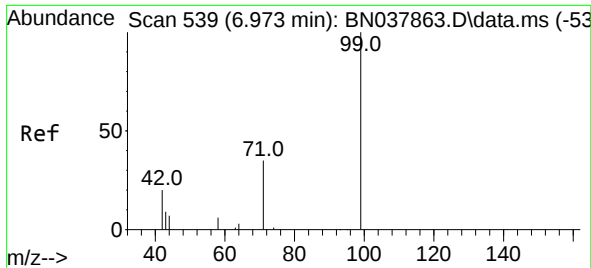
Tgt Ion:152 Resp: 5887
Ion Ratio Lower Upper
152 100
150 155.8 121.0 181.4
115 62.7 47.4 71.0



#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.370 min Scan# 317
Delta R.T. -0.015 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

Tgt Ion:112 Resp: 2356
Ion Ratio Lower Upper
112 100
64 57.9 44.6 66.8
63 29.5 24.9 37.3

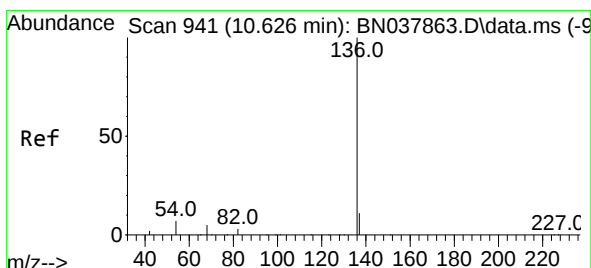
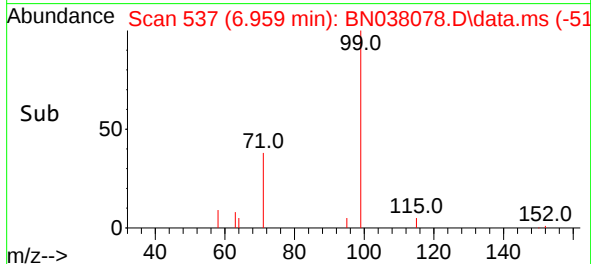
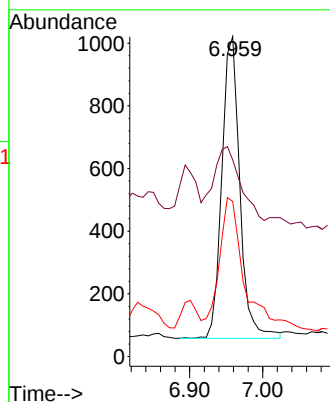
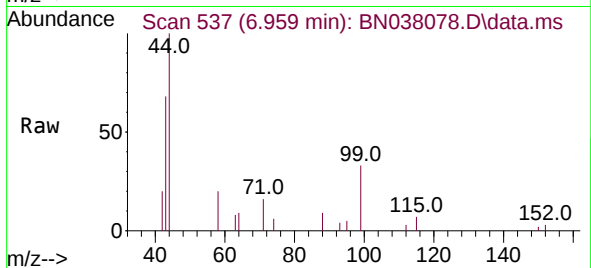




#5
Phenol-d6
Concen: 0.094 ng
RT: 6.959 min Scan# 531
Delta R.T. -0.015 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

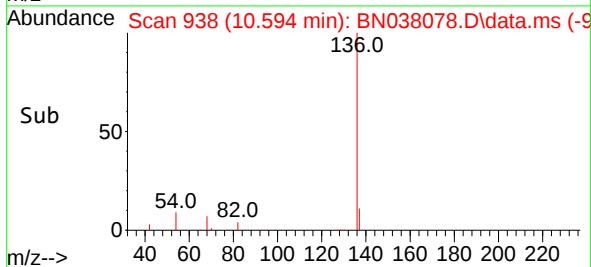
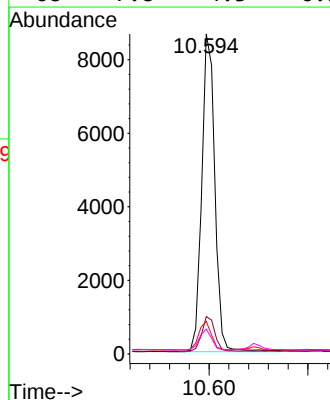
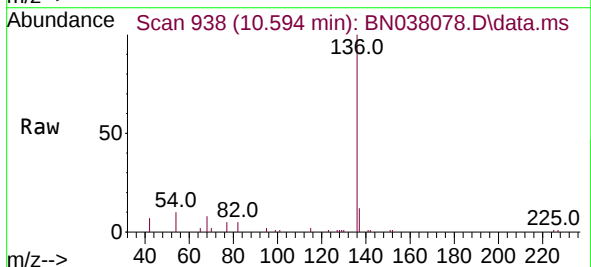
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-840-842

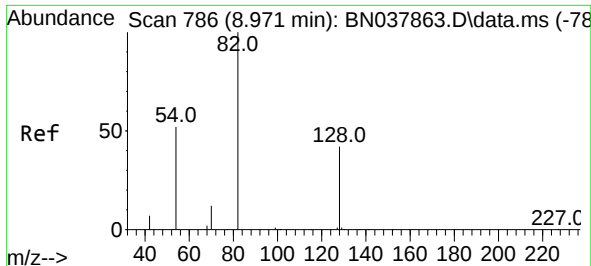
Tgt Ion:	99	Resp:	1652
Ion	Ratio	Lower	Upper
99	100		
42	36.1	17.2	25.8#
71	63.3	27.3	40.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. -0.032 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

Tgt Ion:	136	Resp:	15917
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	10.2	5.8	8.8#
68	7.8	4.3	6.5#

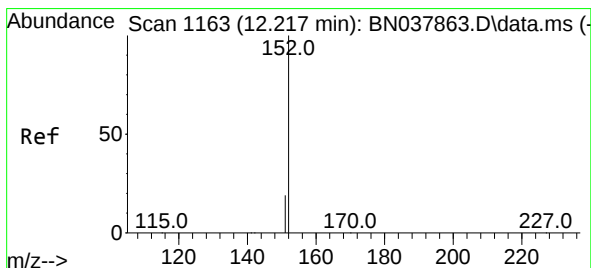
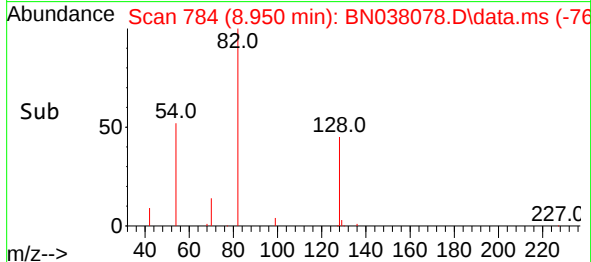
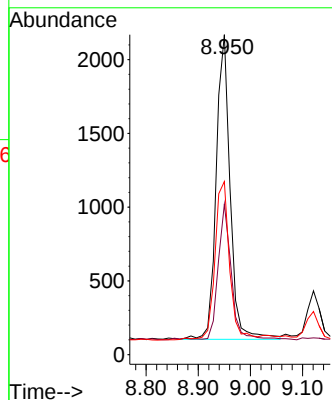
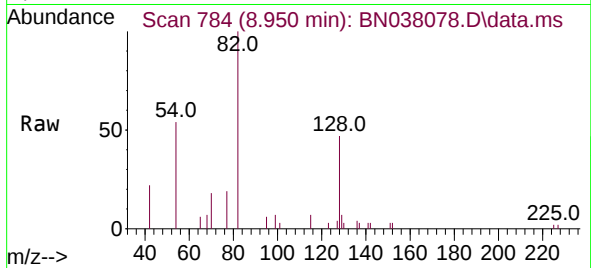




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.950 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

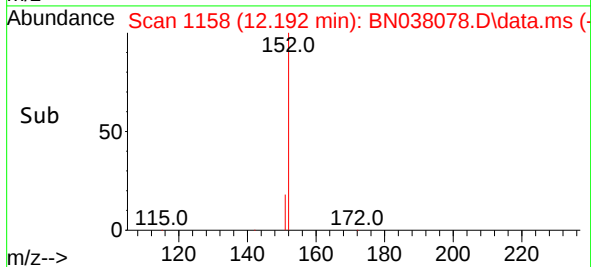
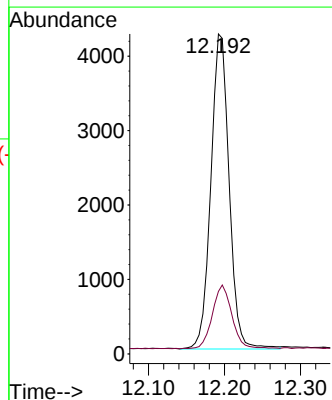
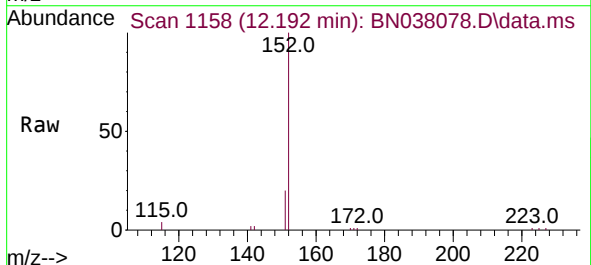
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-840-842

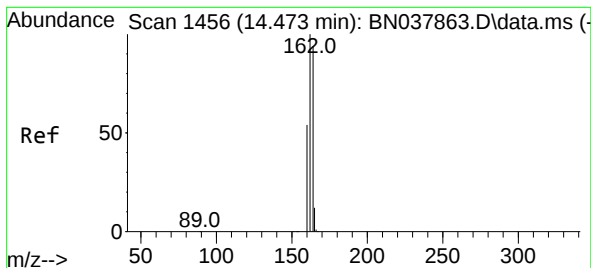
Tgt Ion: 82 Resp: 3837
Ion Ratio Lower Upper
82 100
128 47.0 34.8 52.2
54 54.1 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.192 min Scan# 1158
Delta R.T. -0.025 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

Tgt Ion: 152 Resp: 7064
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.452 min Scan# 14

Delta R.T. -0.021 min

Lab File: BN038078.D

Acq: 13 Oct 2025 21:00

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-840-842

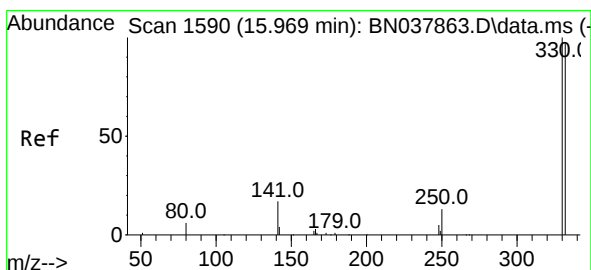
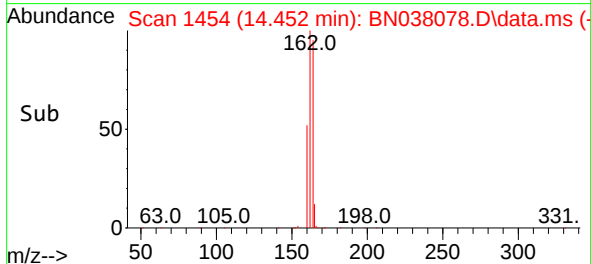
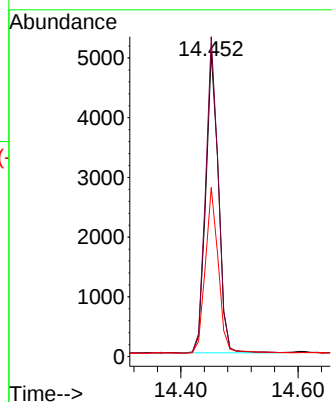
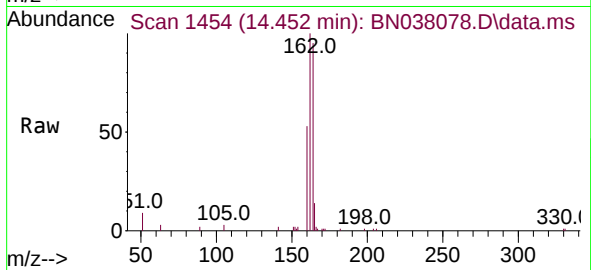
Tgt Ion:164 Resp: 7552

Ion Ratio Lower Upper

164 100

162 105.3 84.8 127.2

160 55.7 46.1 69.1



#14

2,4,6-Tribromophenol

Concen: 0.304 ng

RT: 15.944 min Scan# 1588

Delta R.T. -0.025 min

Lab File: BN038078.D

Acq: 13 Oct 2025 21:00

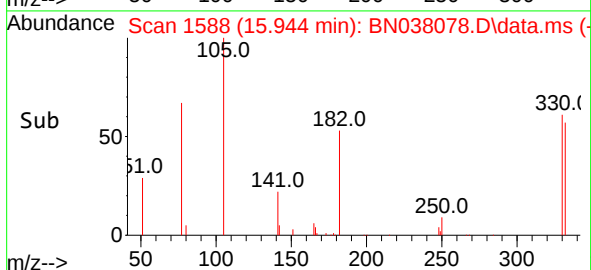
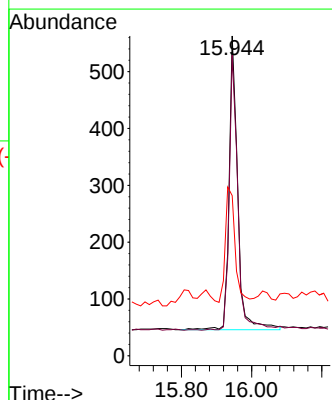
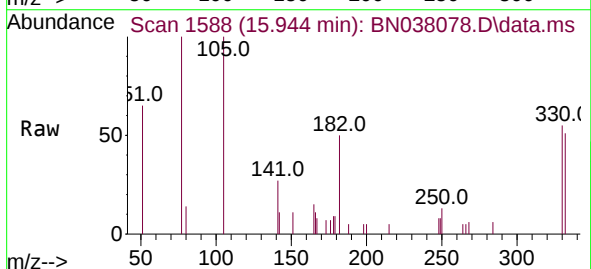
Tgt Ion:330 Resp: 871

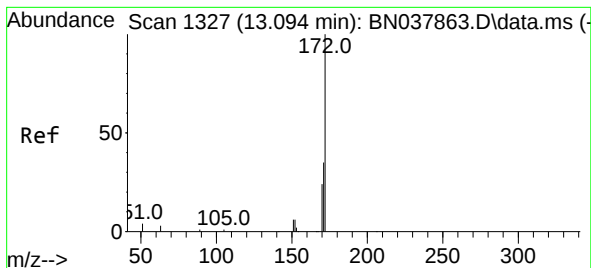
Ion Ratio Lower Upper

330 100

332 94.6 77.2 115.8

141 44.2 37.2 55.8





#15

2-Fluorobiphenyl

Concen: 0.397 ng

RT: 13.073 min Scan# 1327

Delta R.T. -0.021 min

Lab File: BN038078.D

Acq: 13 Oct 2025 21:00

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-840-842

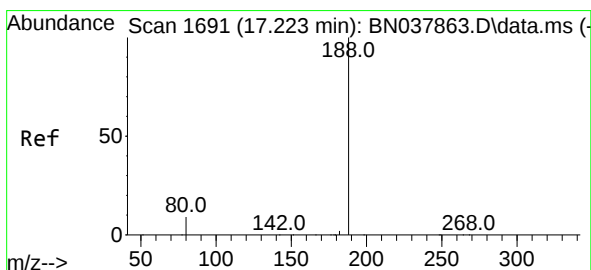
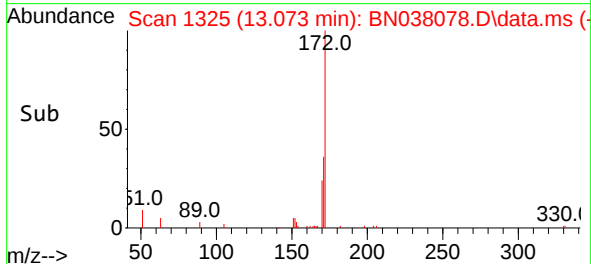
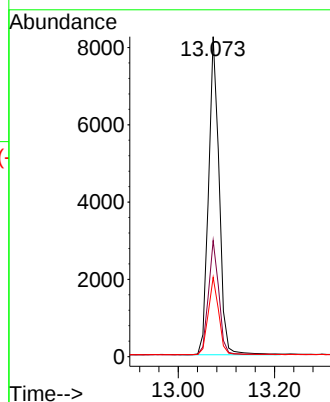
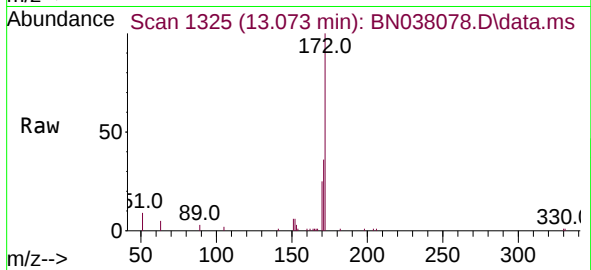
Tgt Ion:172 Resp: 12285

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 24.8 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: BN038078.D

Acq: 13 Oct 2025 21:00

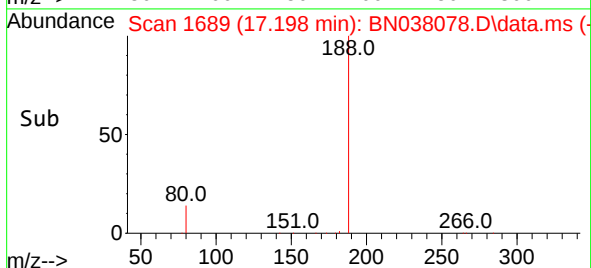
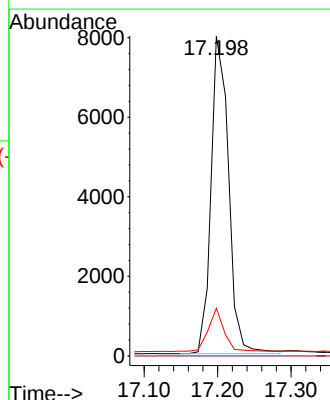
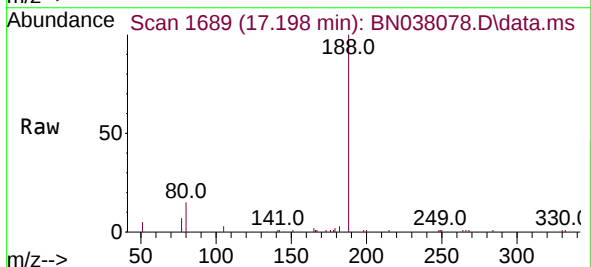
Tgt Ion:188 Resp: 13324

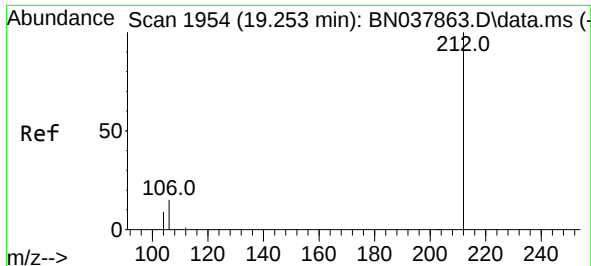
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 7.6 11.4#

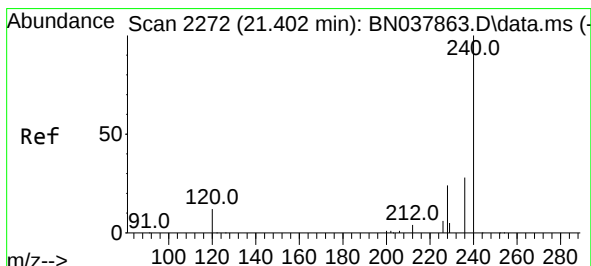
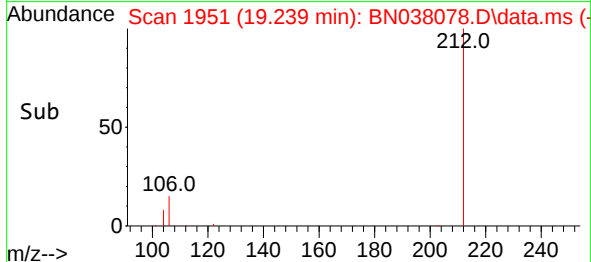
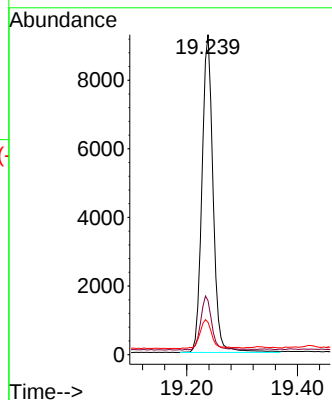
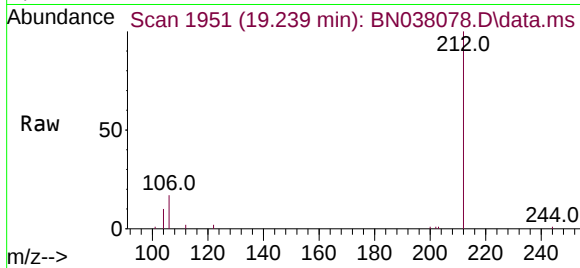




#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

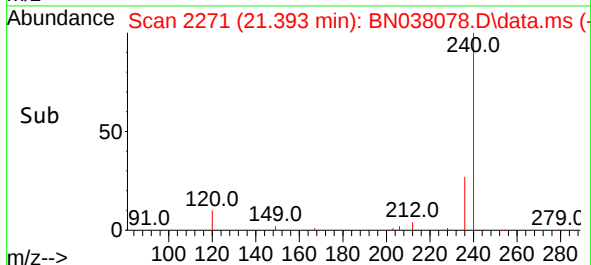
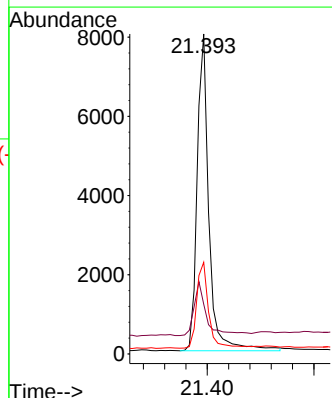
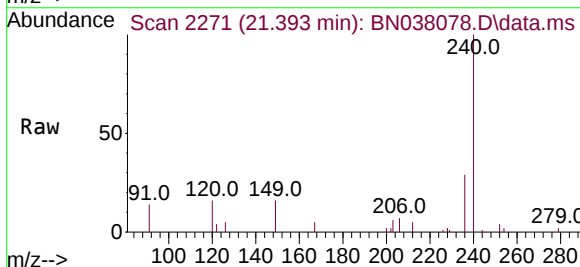
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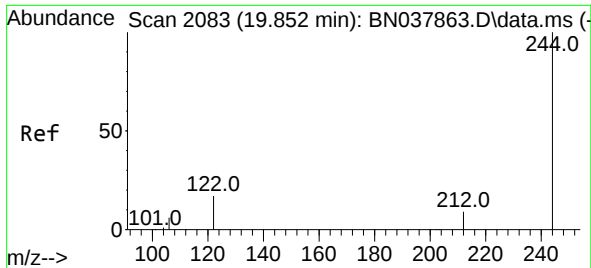
Tgt Ion:212 Resp: 12789
Ion Ratio Lower Upper
212 100
106 17.2 12.6 19.0
104 9.9 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038078.D
Acq: 13 Oct 2025 21:00

Tgt Ion:240 Resp: 12137
Ion Ratio Lower Upper
240 100
120 15.5 11.4 17.2
236 28.6 23.0 34.6

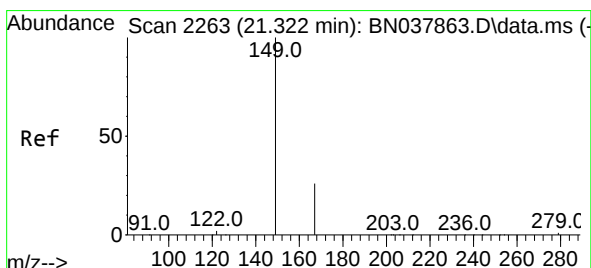
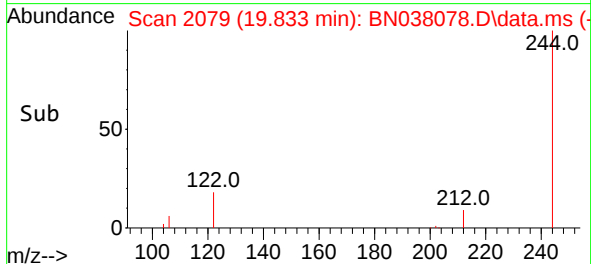
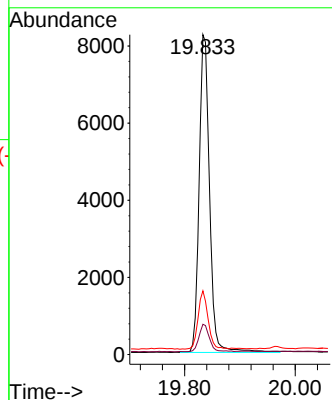
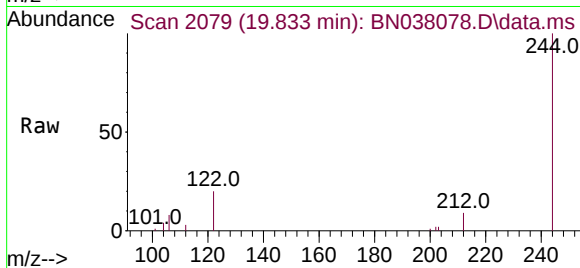




#31
 Terphenyl-d14
 Concen: 0.442 ng
 RT: 19.833 min Scan# 2083
 Delta R.T. -0.019 min
 Lab File: BN038078.D
 Acq: 13 Oct 2025 21:00

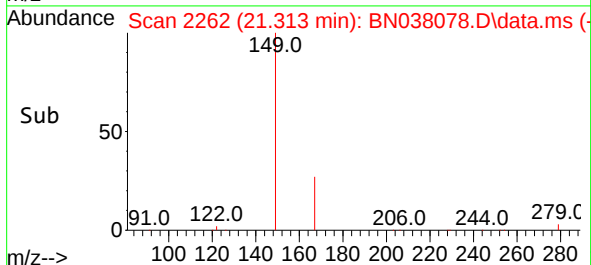
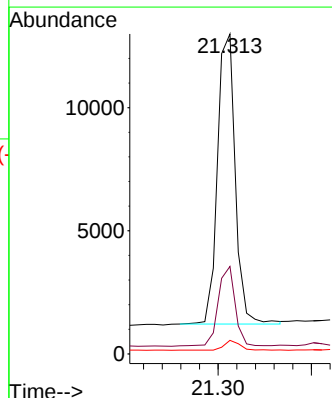
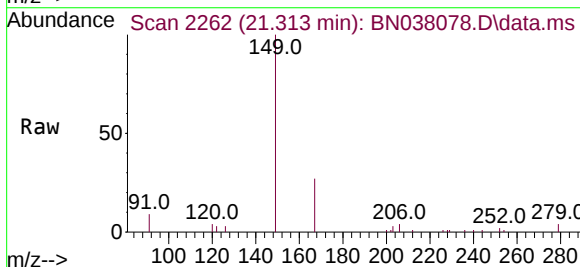
Instrument :
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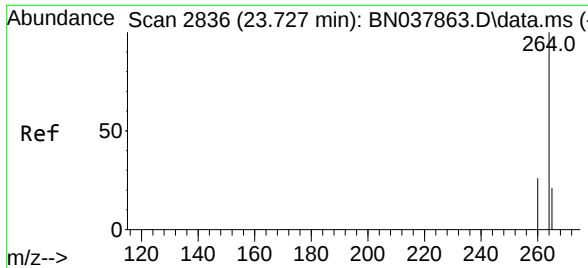
Tgt Ion:244 Resp: 10679
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.6 11.4
 122 19.9 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.930 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.009 min
 Lab File: BN038078.D
 Acq: 13 Oct 2025 21:00

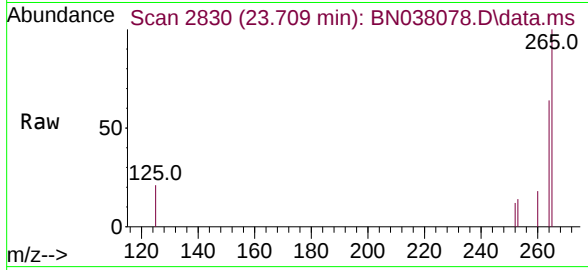
Tgt Ion:149 Resp: 15612
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.4 30.6
 279 3.0 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.709 min Scan# 2830
 Delta R.T. -0.018 min
 Lab File: BN038078.D
 Acq: 13 Oct 2025 21:00

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-840-842



Tgt Ion: 264 Resp: 7289

Ion	Ratio	Lower	Upper
264	100		
260	28.7	21.5	32.3
265	157.1	53.8	80.6

