

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038075.D
 Acq On : 13 Oct 2025 19:12
 Operator : RC/JU
 Sample : Q3298-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20251003

Quant Time: Oct 14 02:38:53 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)

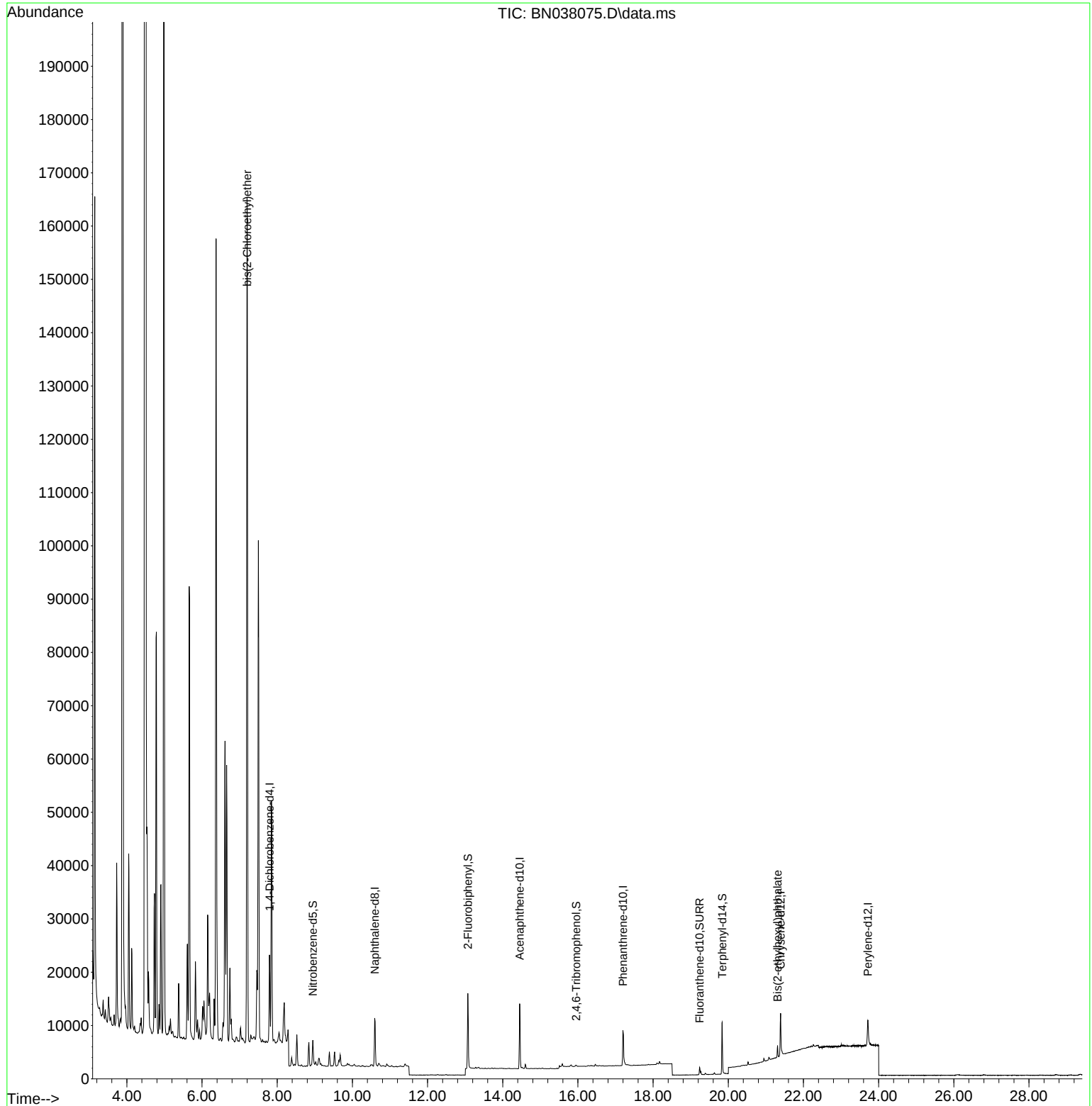
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	5261	0.400	ng	-0.03
7) Naphthalene-d8	10.594	136	13388	0.400	ng	#-0.03
13) Acenaphthene-d10	14.452	164	6636	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	11371	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	8656	0.400	ng	# 0.00
35) Perylene-d12	23.712	264	7769	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	21	0.002	ng	-0.02
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.950	82	4031	0.395	ng	-0.02
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.957	330	191	0.076	ng	-0.01
15) 2-Fluorobiphenyl	13.073	172	12721	0.468	ng	-0.02
27) Fluoranthene-d10	19.239	212	1615	0.056	ng	-0.01
31) Terphenyl-d14	19.838	244	10120	0.587	ng	-0.01
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.204	93	105512	7.205	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.313	149	2335	0.195	ng	# 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038075.D
Acq On : 13 Oct 2025 19:12
Operator : RC/JU
Sample : Q3298-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251003

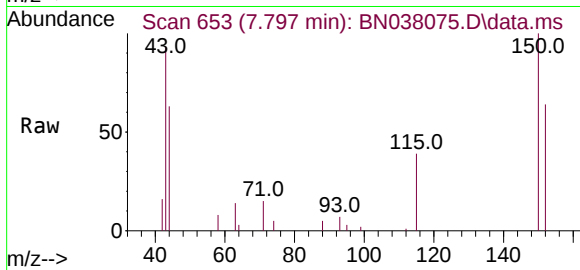
Quant Time: Oct 14 02:38:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



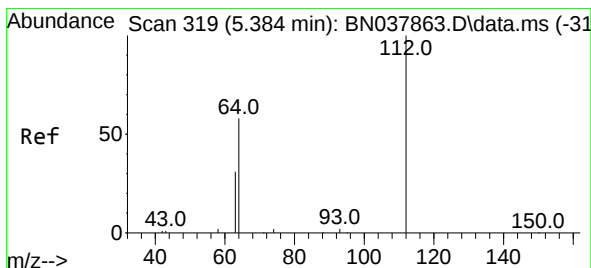
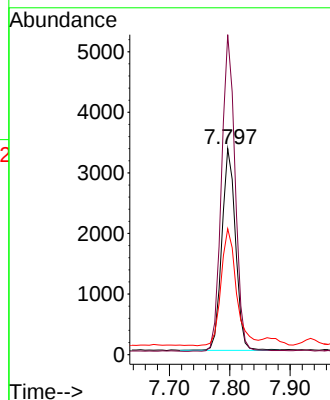
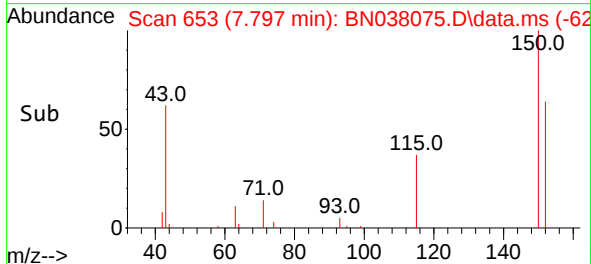


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.028 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251003

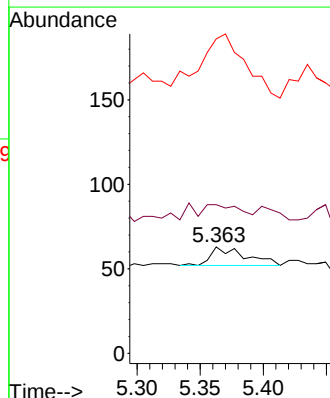
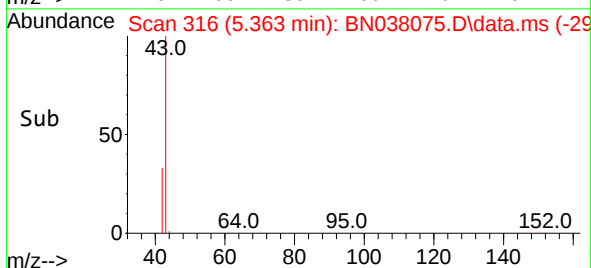
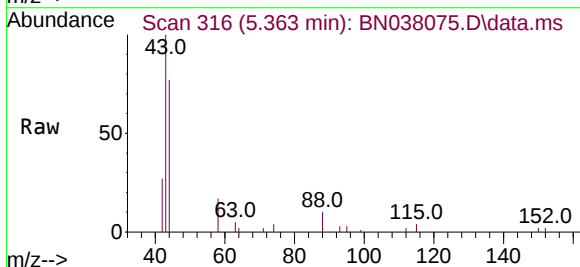


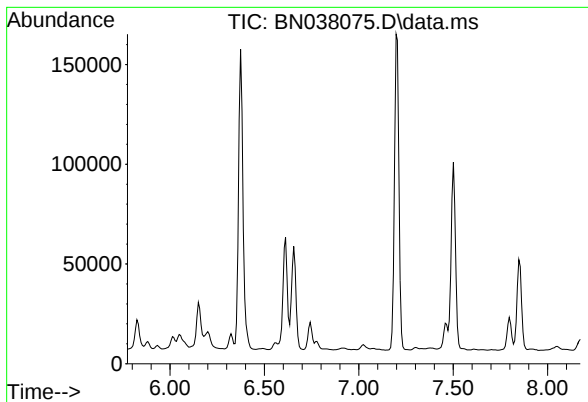
Tgt Ion:152 Resp: 5261
Ion Ratio Lower Upper
152 100
150 155.3 121.0 181.4
115 61.1 47.4 71.0



#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.363 min Scan# 316
Delta R.T. -0.022 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

Tgt Ion:112 Resp: 21
Ion Ratio Lower Upper
112 100
64 0.0 44.6 66.8#
63 461.9 24.9 37.3#

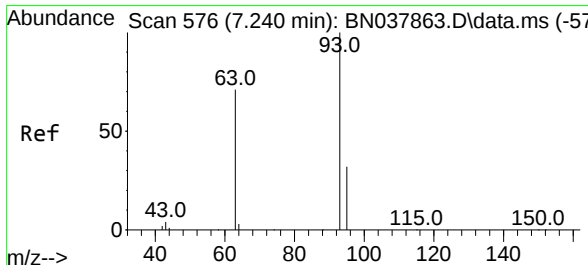
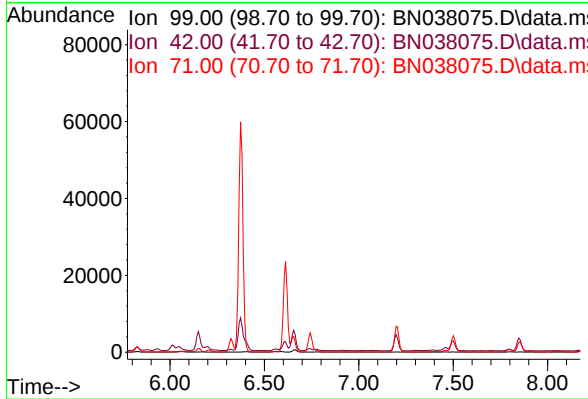




#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.97 min
 Lab File: BN038075.D
 Acq: 13 Oct 2025 19:12

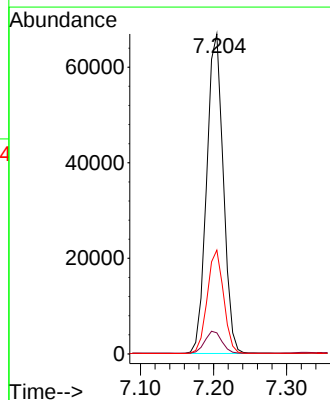
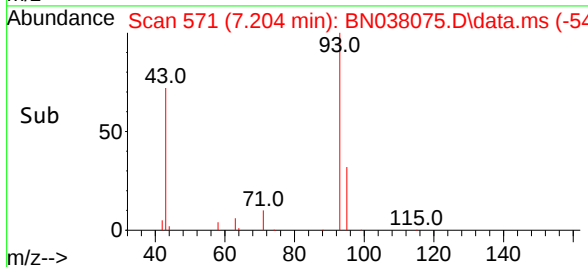
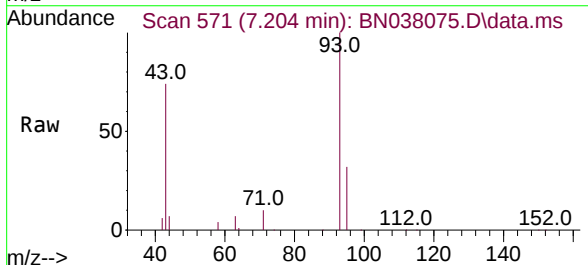
Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20251003

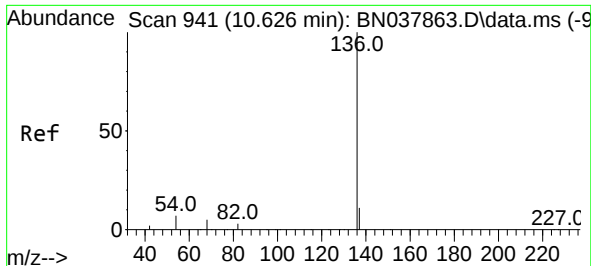
Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 21.5
 71 34.1



#6
 bis(2-Chloroethyl)ether
 Concen: 7.205 ng
 RT: 7.204 min Scan# 571
 Delta R.T. -0.036 min
 Lab File: BN038075.D
 Acq: 13 Oct 2025 19:12

Tgt Ion: 93 Resp: 105512
 Ion Ratio Lower Upper
 93 100
 63 7.0 60.1 90.1#
 95 31.9 25.4 38.2

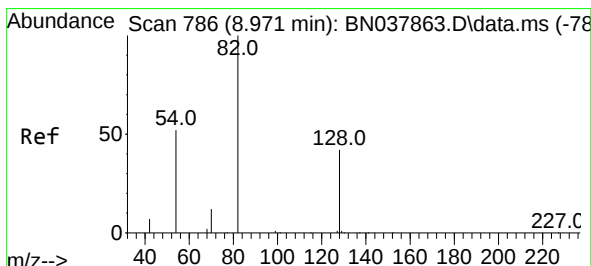
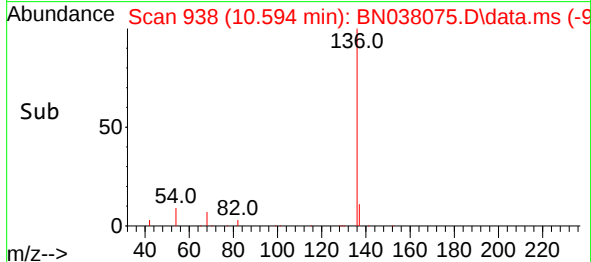
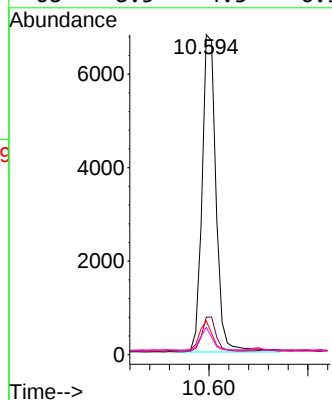
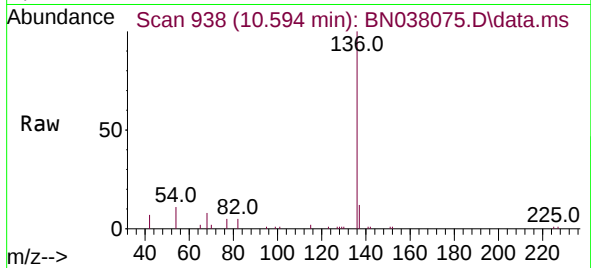




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 941
Delta R.T. -0.032 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

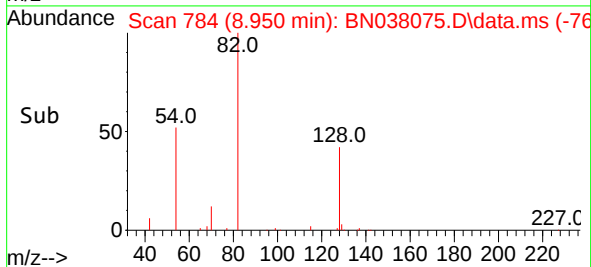
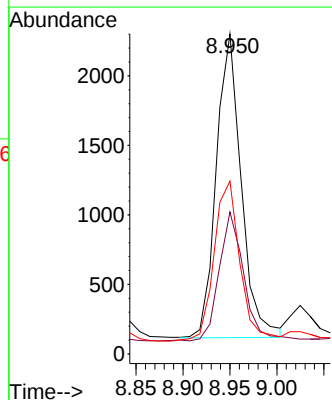
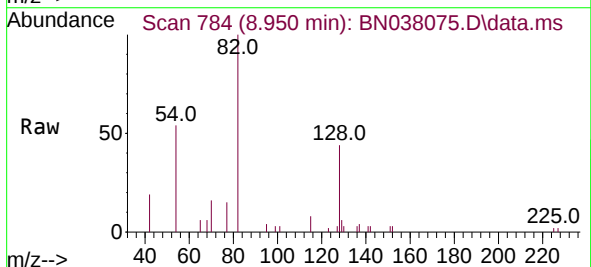
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251003

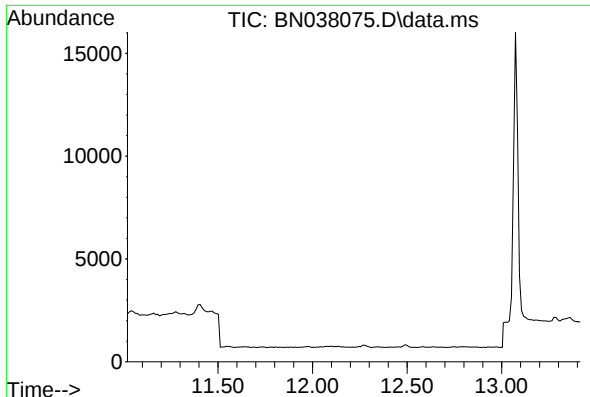
Tgt Ion:	136	Resp:	13388
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.4
54	10.5	5.8	8.8#
68	8.5	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

Tgt Ion:	82	Resp:	4031
Ion Ratio	Lower	Upper	
82	100		
128	44.4	34.8	52.2
54	54.0	42.2	63.2

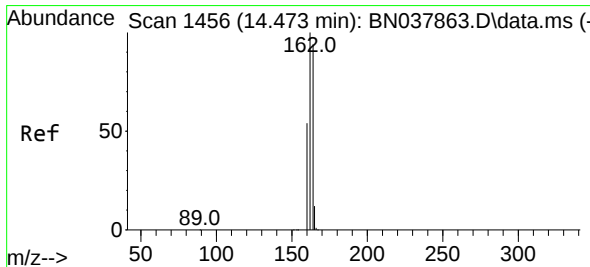
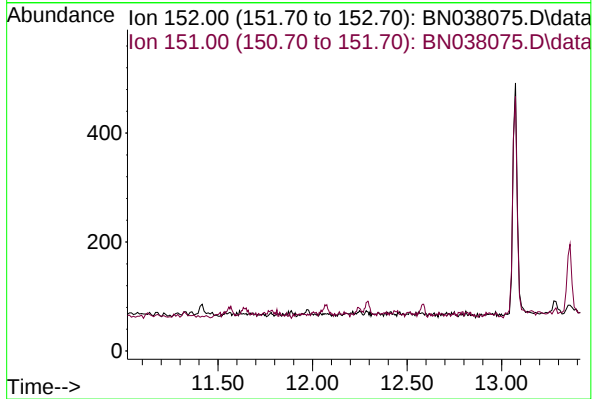




#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 Expected RT: 12.22 min
 Lab File: BN038075.D
 Acq: 13 Oct 2025 19:12

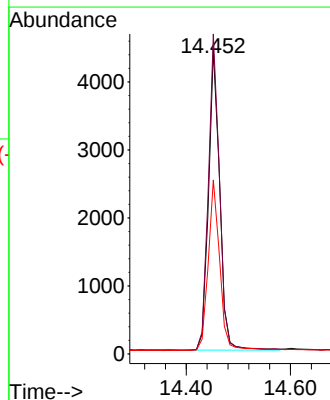
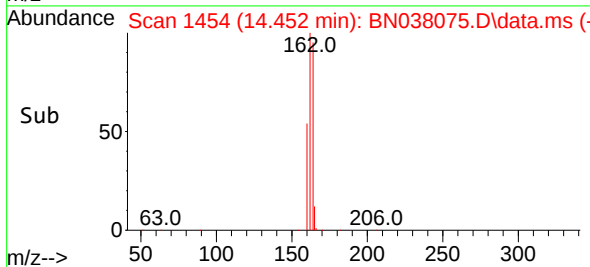
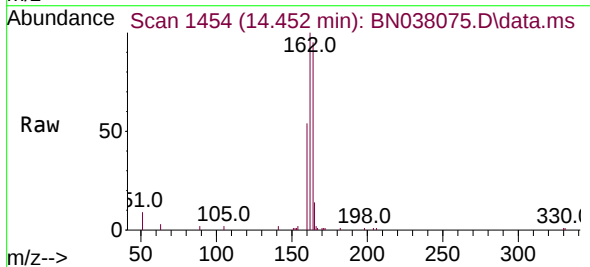
Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20251003

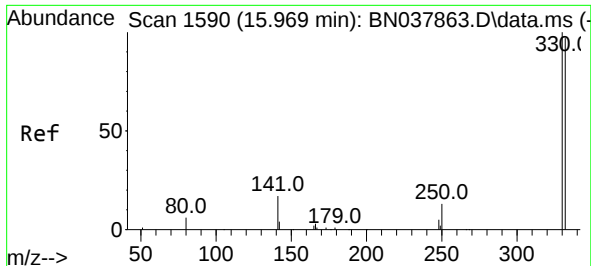
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 151 21.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.452 min Scan# 1454
 Delta R.T. -0.021 min
 Lab File: BN038075.D
 Acq: 13 Oct 2025 19:12

Tgt Ion: 164 Resp: 6636
 Ion Ratio Lower Upper
 164 100
 162 105.4 84.8 127.2
 160 57.3 46.1 69.1

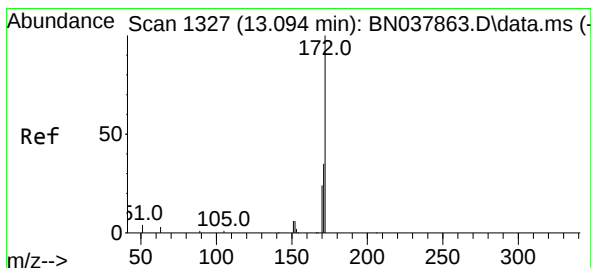
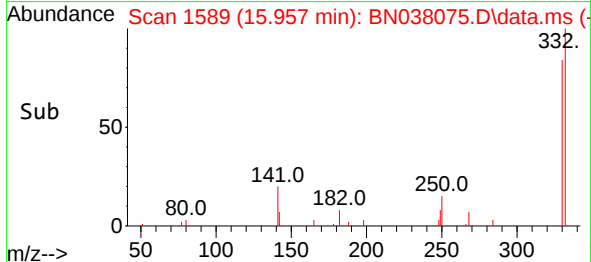
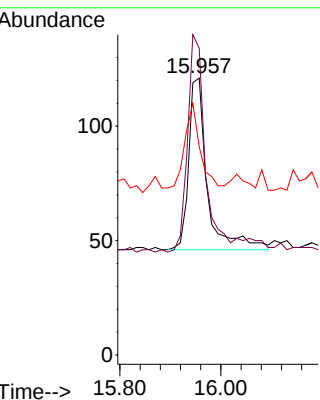
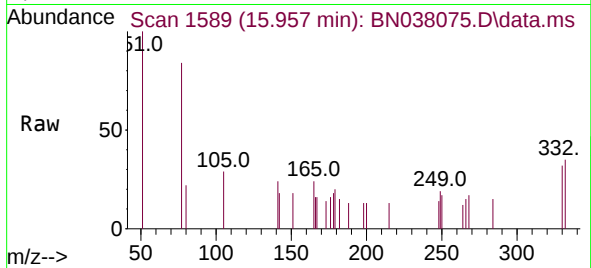




#14
2,4,6-Tribromophenol
Concen: 0.076 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

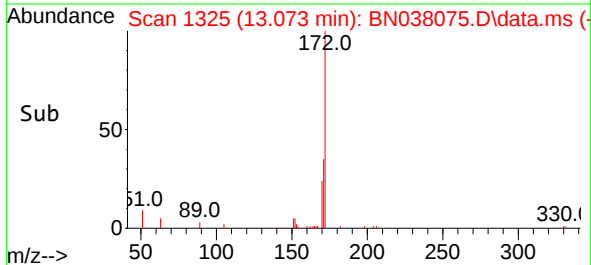
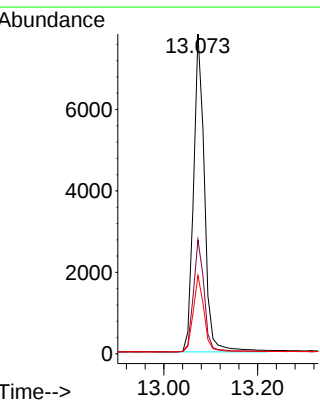
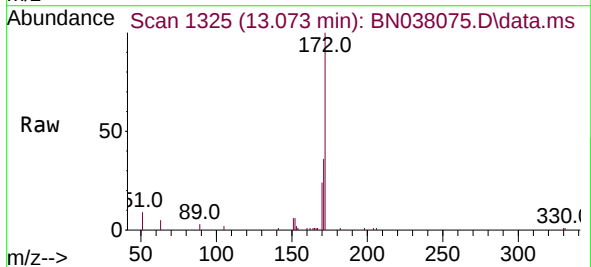
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251003

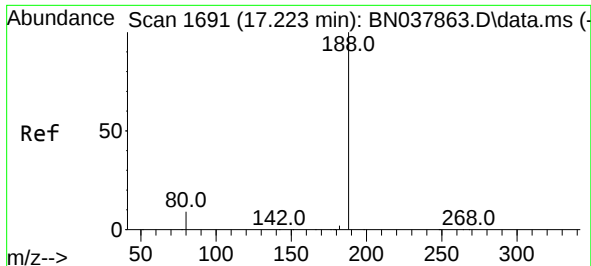
Tgt Ion:330 Resp: 191
Ion Ratio Lower Upper
330 100
332 123.0 77.2 115.8#
141 44.5 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.468 ng
RT: 13.073 min Scan# 1325
Delta R.T. -0.021 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

Tgt Ion:172 Resp: 12721
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.5 19.7 29.5

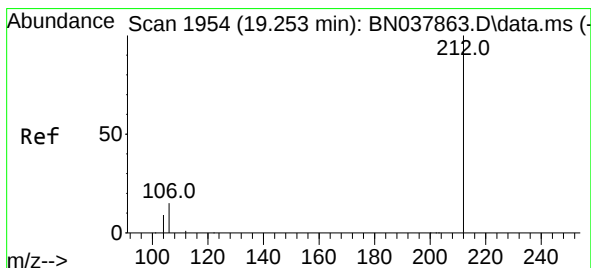
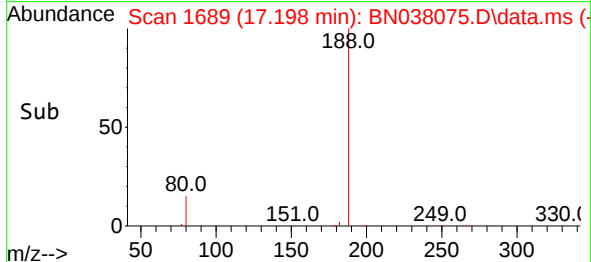
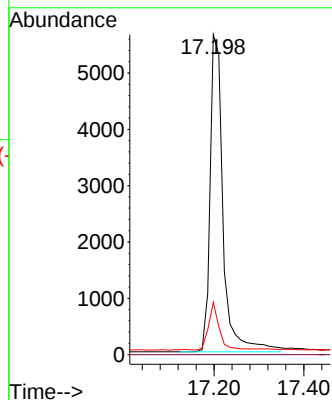
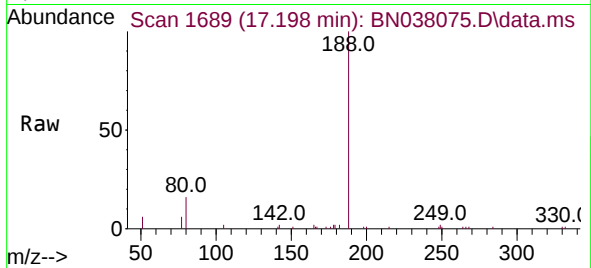




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

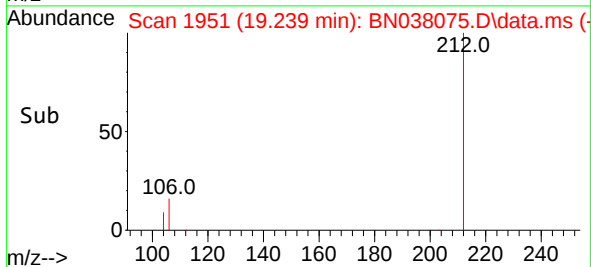
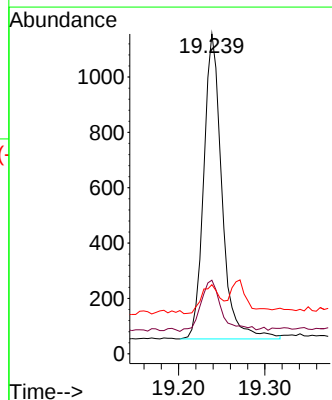
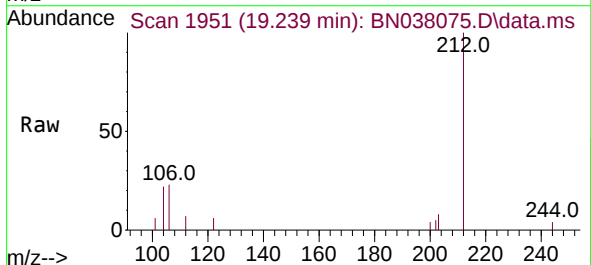
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20251003

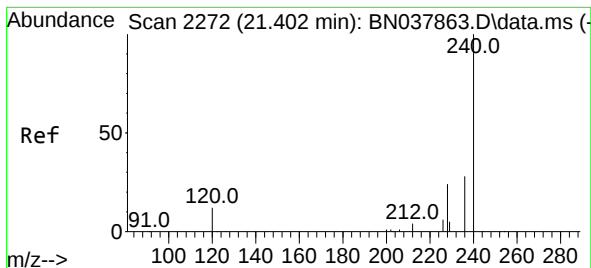
Tgt Ion:188 Resp: 11371
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.3 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.056 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038075.D
Acq: 13 Oct 2025 19:12

Tgt Ion:212 Resp: 1615
Ion Ratio Lower Upper
212 100
106 19.3 12.6 19.0#
104 9.4 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN038075.D

Acq: 13 Oct 2025 19:12

Instrument :

BNA_N

ClientSampleId :

VPB184-HYD-20251003

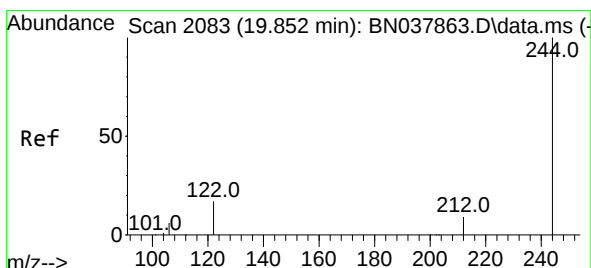
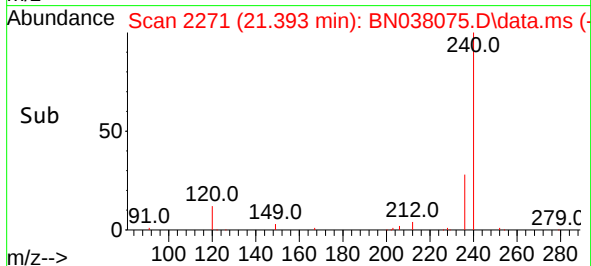
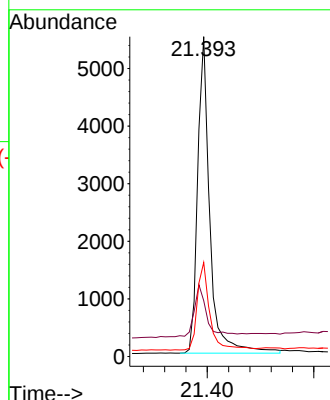
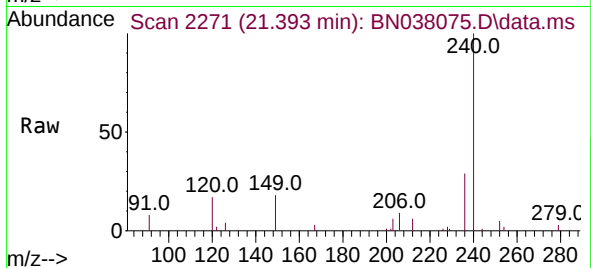
Tgt Ion:240 Resp: 8656

Ion Ratio Lower Upper

240 100

120 17.5 11.4 17.2#

236 29.4 23.0 34.6



#31

Terphenyl-d14

Concen: 0.587 ng

RT: 19.838 min Scan# 2080

Delta R.T. -0.014 min

Lab File: BN038075.D

Acq: 13 Oct 2025 19:12

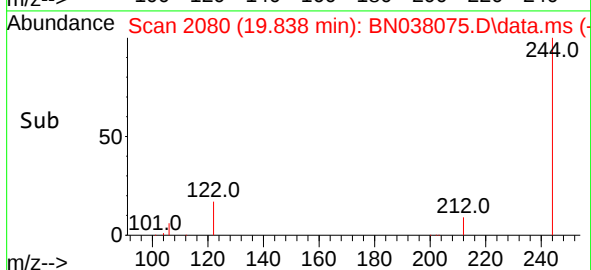
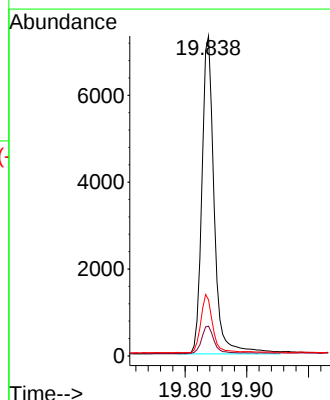
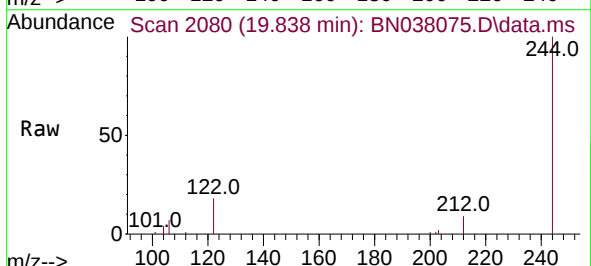
Tgt Ion:244 Resp: 10120

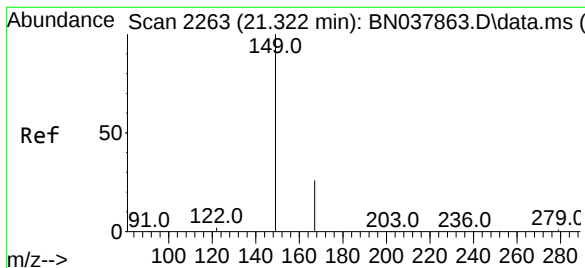
Ion Ratio Lower Upper

244 100

212 9.3 7.6 11.4

122 17.5 13.9 20.9

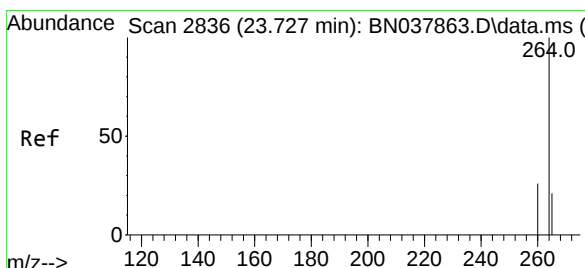
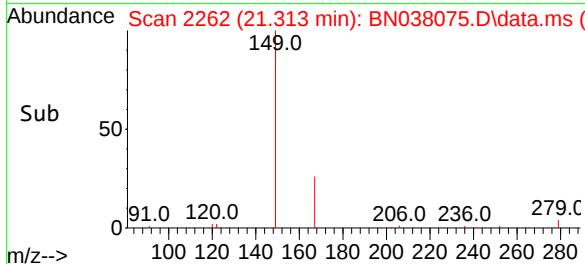
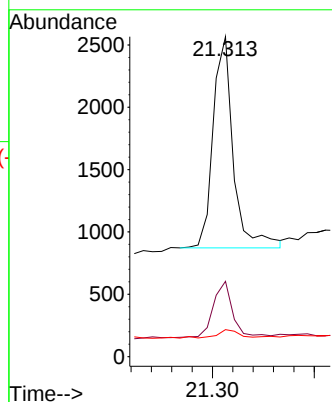
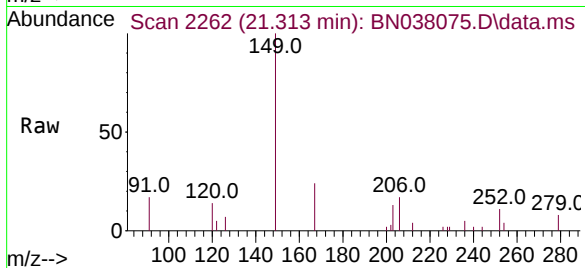




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.195 ng
 RT: 21.313 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN038075.D
 Acq: 13 Oct 2025 19:12

Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20251003

Tgt Ion:149 Resp: 2335
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.4 30.6
 279 4.5 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.712 min Scan# 2831
 Delta R.T. -0.015 min
 Lab File: BN038075.D
 Acq: 13 Oct 2025 19:12

Tgt Ion:264 Resp: 7769
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.5 32.3
 265 146.9 53.8 80.6#

