

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038032.D
 Acq On : 07 Oct 2025 05:34
 Operator : RC/JU
 Sample : Q3213-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-420-422

Quant Time: Oct 07 06:00:13 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)

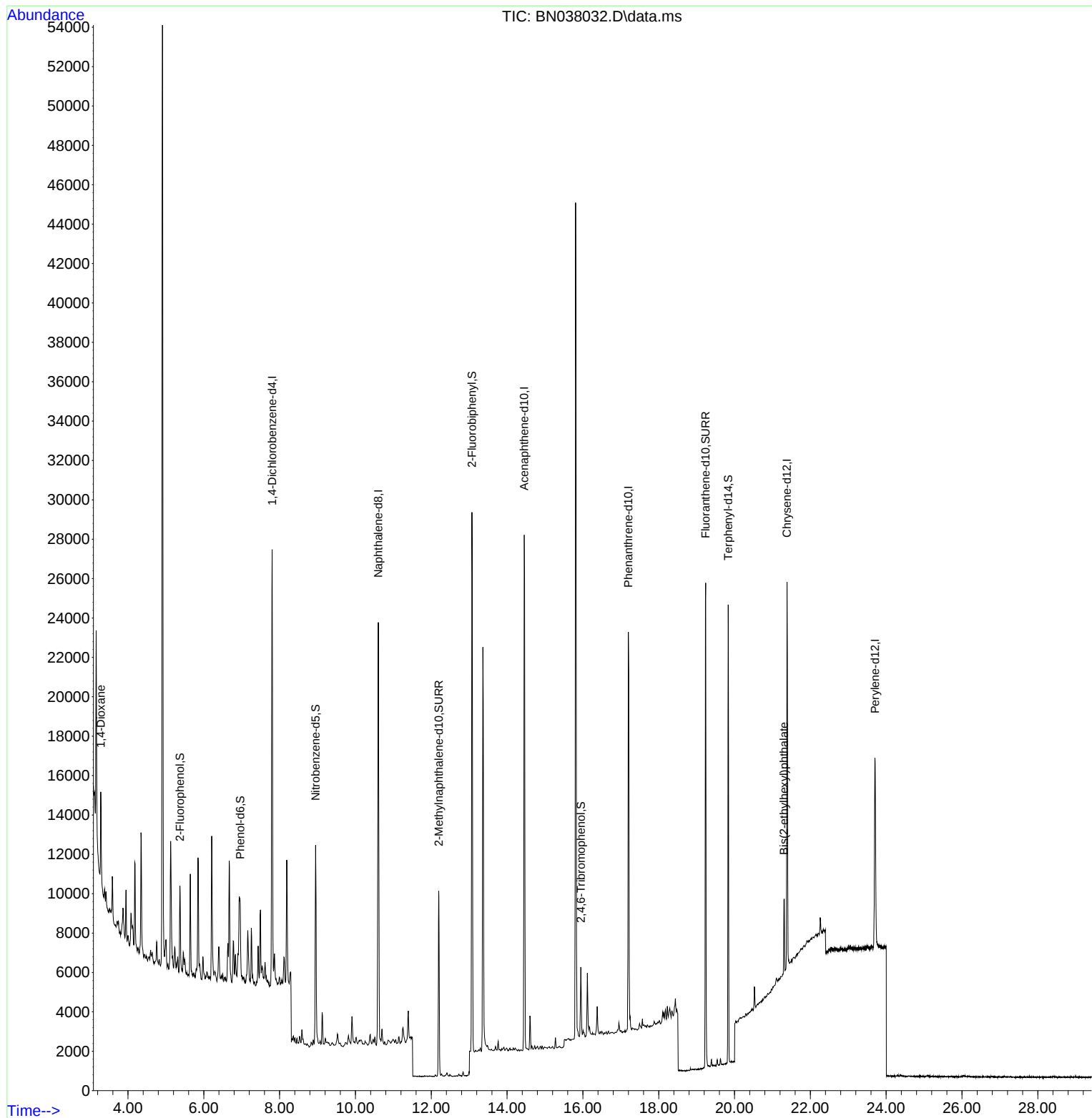
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	9243	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	27657	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	15535	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	29744	0.400	ng	#-0.02
29) Chrysene-d12	21.384	240	17950	0.400	ng	#-0.02
35) Perylene-d12	23.704	264	14042	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	3277	0.155	ng	-0.01
5) Phenol-d6	6.959	99	2715	0.098	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7556	0.358	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	12756	0.332	ng	-0.02
14) 2,4,6-Tribromophenol	15.945	330	1986	0.337	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	24592	0.387	ng	-0.02
27) Fluoranthene-d10	19.239	212	26778	0.358	ng	-0.01
31) Terphenyl-d14	19.833	244	21685	0.606	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.283	88	2920	0.311	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.304	149	4021	0.162	ng	# 97

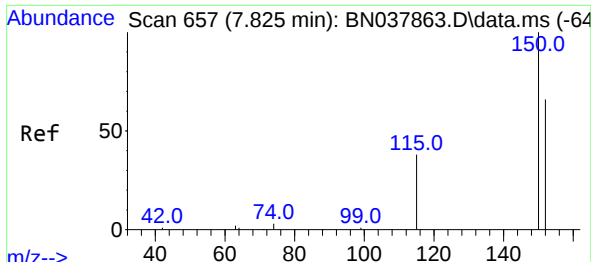
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038032.D
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Operator : RC/JU
Sample : Q3213-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

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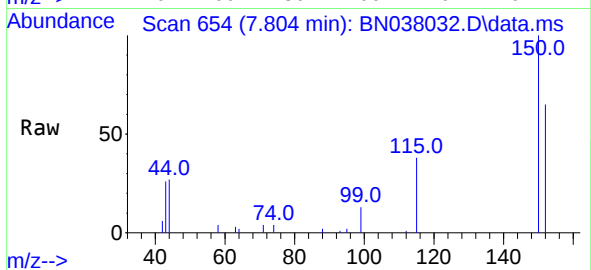
Quant Time: Oct 07 06:00:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
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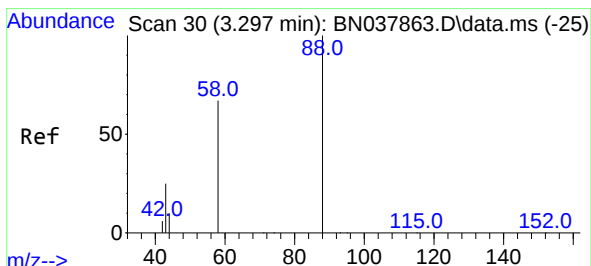
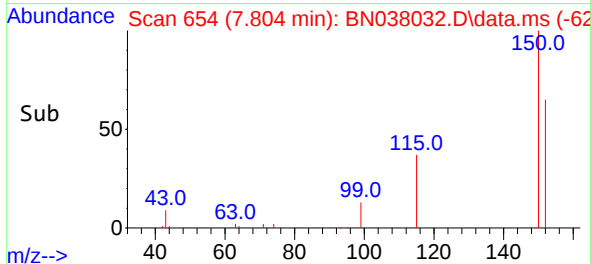
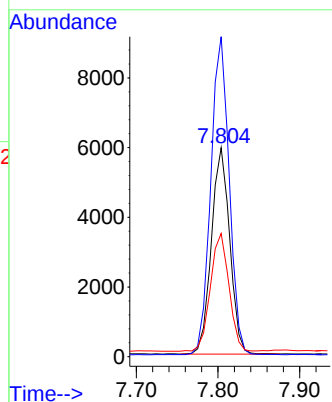


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038032.D
Acq: 07 Oct 2025 05:34

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-420-422

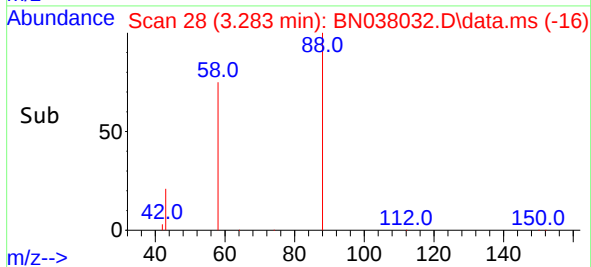
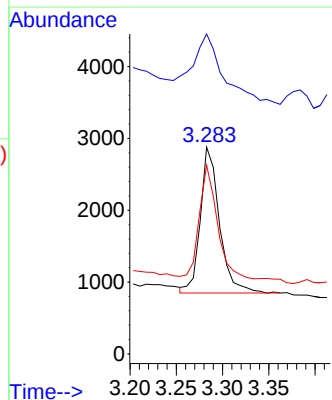
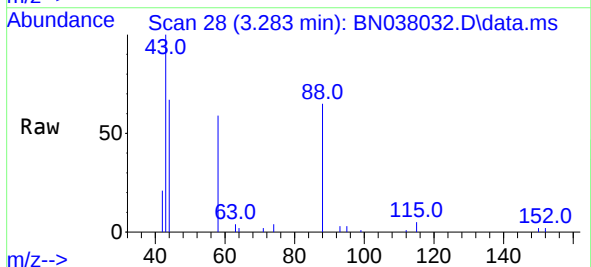


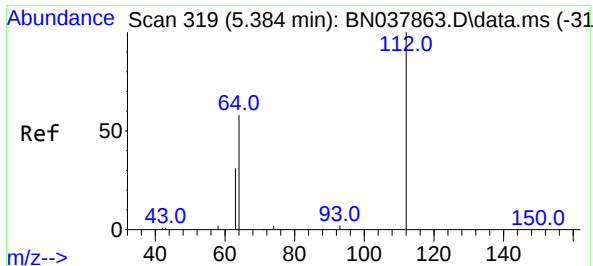
Tgt Ion:152 Resp: 9243
Ion Ratio Lower Upper
152 100
150 153.2 121.0 181.4
115 59.0 47.4 71.0



#2
1,4-Dioxane
Concen: 0.311 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.014 min
Lab File: BN038032.D
Acq: 07 Oct 2025 05:34

Tgt Ion: 88 Resp: 2920
Ion Ratio Lower Upper
88 100
43 83.2 26.6 39.8#
58 74.3 58.9 88.3





#4

2-Fluorophenol

Concen: 0.155 ng

RT: 5.370 min Scan# 31

Delta R.T. -0.014 min

Lab File: BN038032.D

Acq: 07 Oct 2025 05:34

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-420-422

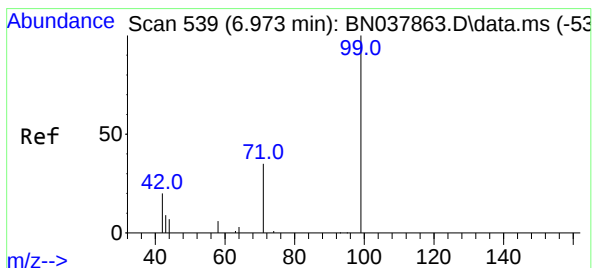
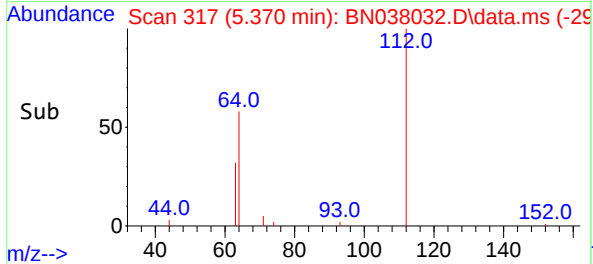
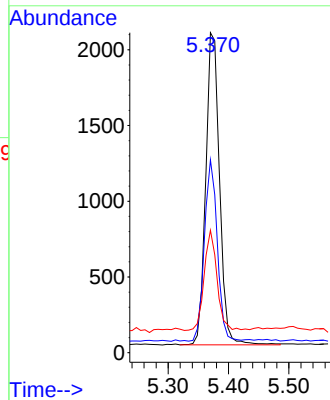
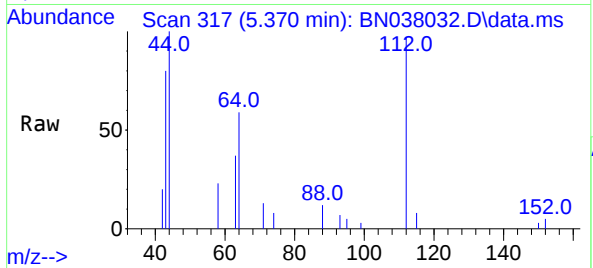
Tgt Ion:112 Resp: 3277

Ion Ratio Lower Upper

112 100

64 54.3 44.6 66.8

63 30.5 24.9 37.3



#5

Phenol-d6

Concen: 0.098 ng

RT: 6.959 min Scan# 537

Delta R.T. -0.014 min

Lab File: BN038032.D

Acq: 07 Oct 2025 05:34

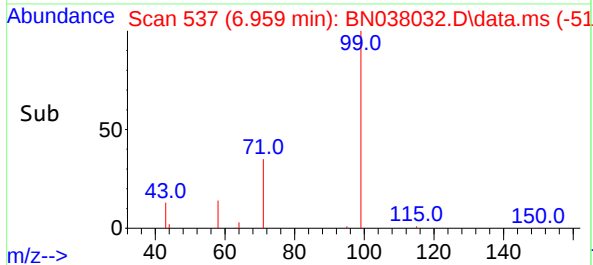
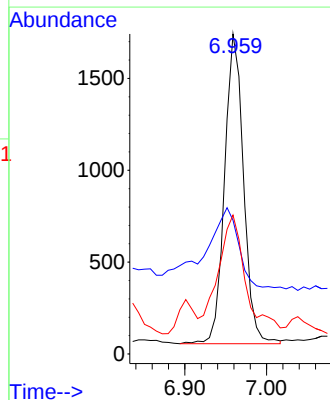
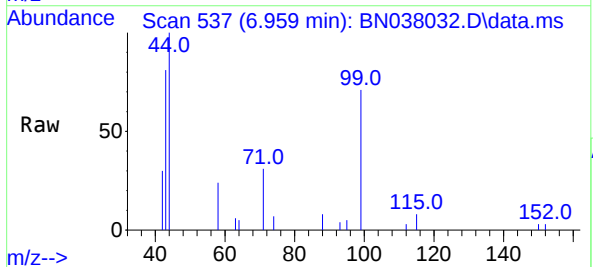
Tgt Ion: 99 Resp: 2715

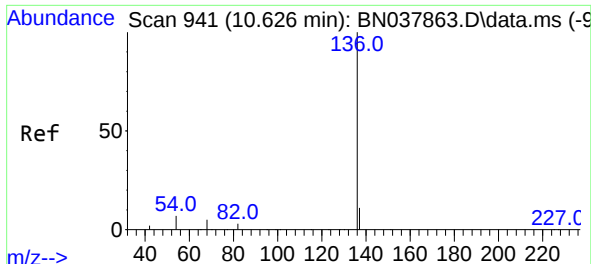
Ion Ratio Lower Upper

99 100

42 52.9 17.2 25.8#

71 54.8 27.3 40.9#

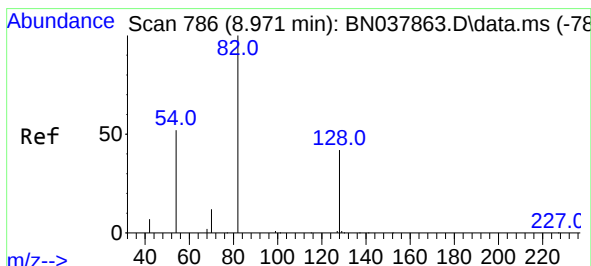
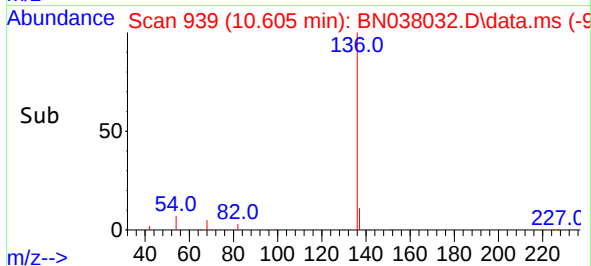
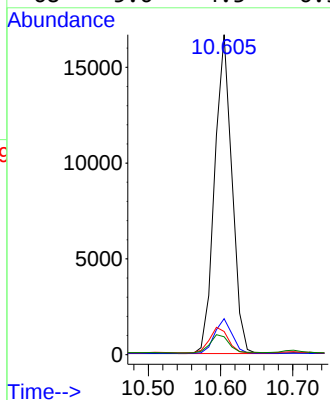
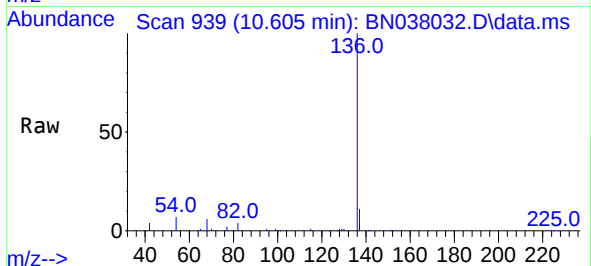




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038032.D
Acq: 07 Oct 2025 05:34

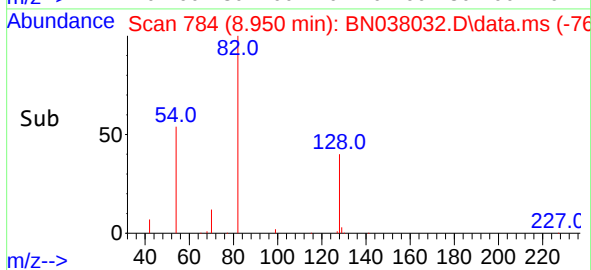
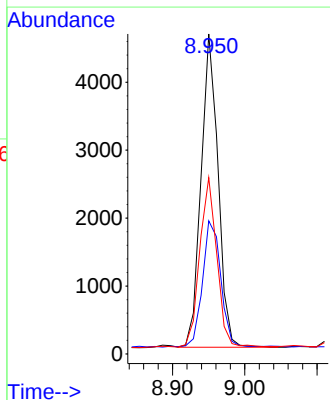
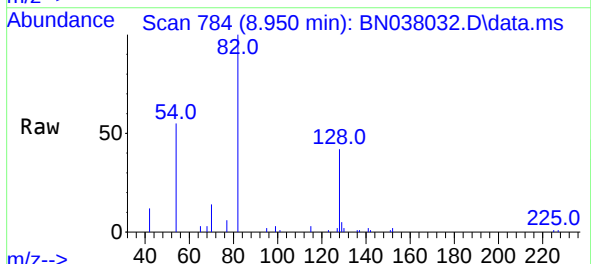
Instrument :
BNA_N
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BP-VPB-184-GW-420-422

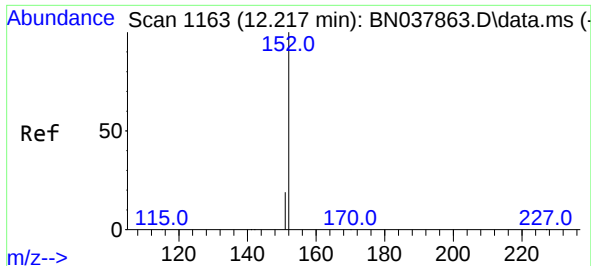
Tgt Ion:	136	Resp:	27657
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.2	5.8	8.8
68	5.6	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038032.D
Acq: 07 Oct 2025 05:34

Tgt Ion:	82	Resp:	7556
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.8	52.2
54	55.1	42.2	63.2

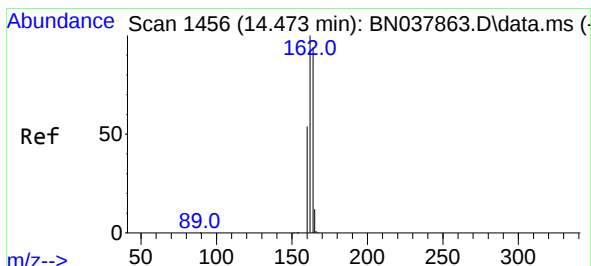
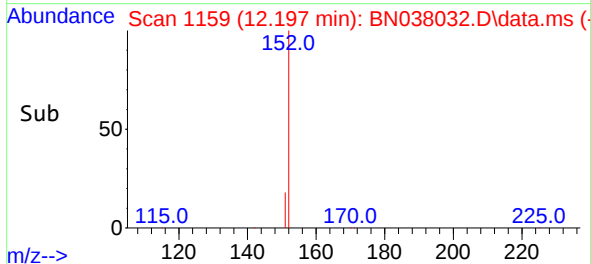
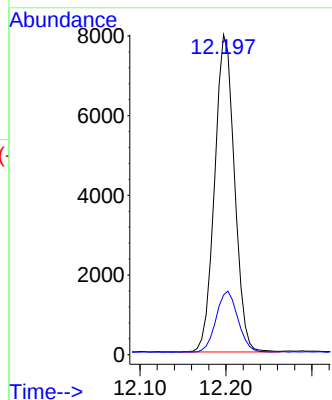
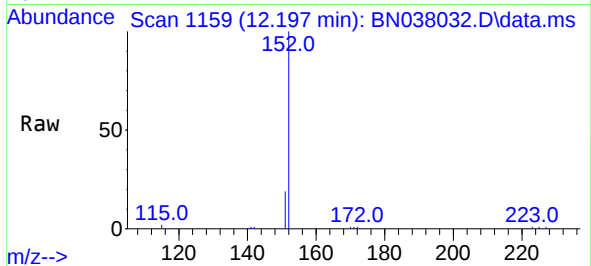




#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.197 min Scan# 1163
Delta R.T. -0.020 min
Lab File: BN038032.D
Acq: 07 Oct 2025 05:34

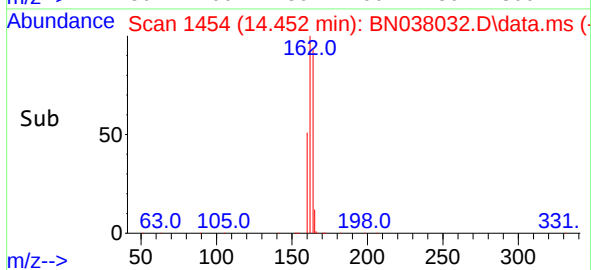
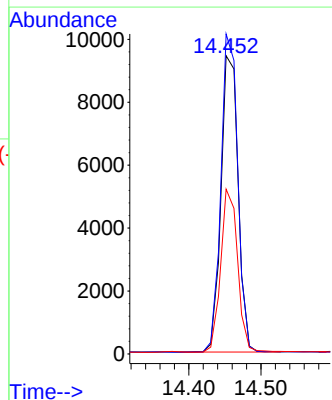
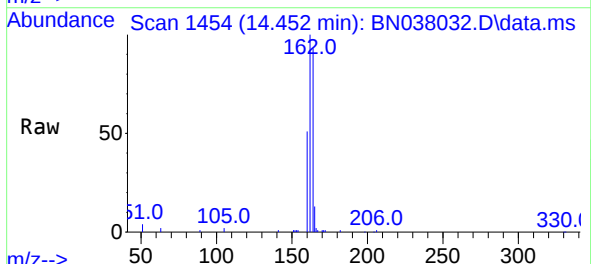
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-420-422

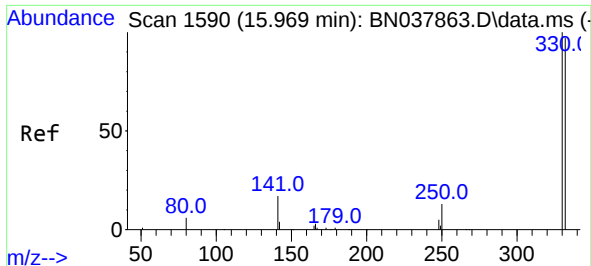
Tgt Ion:152 Resp: 12756
Ion Ratio Lower Upper
152 100
151 21.2 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.021 min
Lab File: BN038032.D
Acq: 07 Oct 2025 05:34

Tgt Ion:164 Resp: 15535
Ion Ratio Lower Upper
164 100
162 107.3 84.8 127.2
160 55.3 46.1 69.1

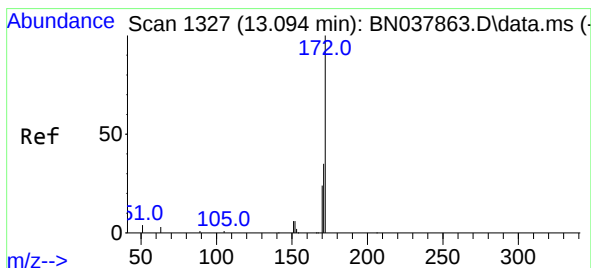
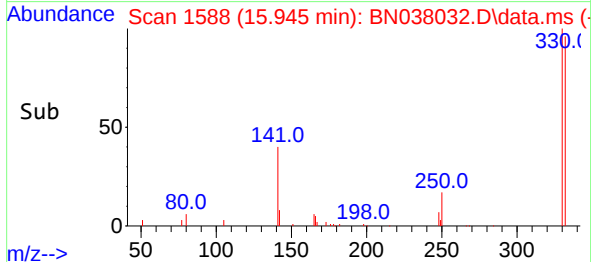
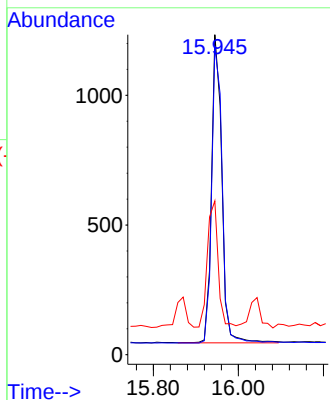
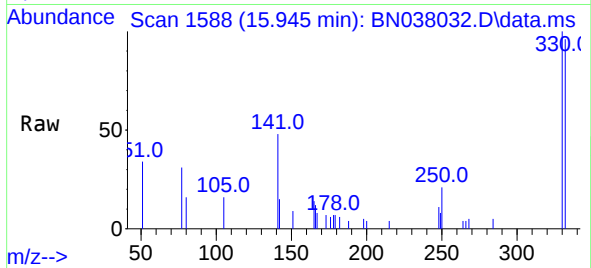




#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.945 min Scan# 1588
Delta R.T. -0.024 min
Lab File: BN038032.D
Acq: 07 Oct 2025 05:34

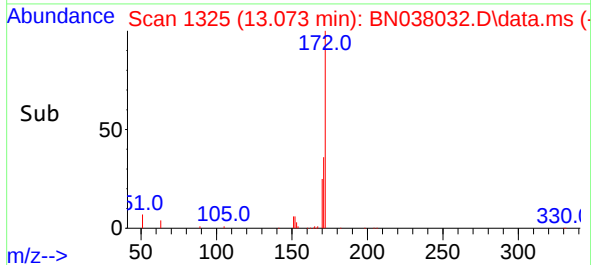
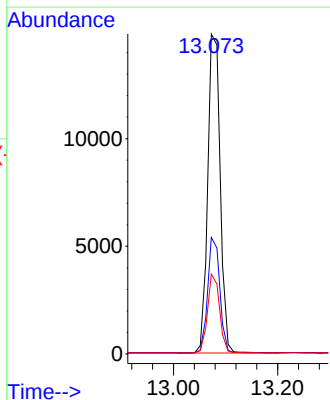
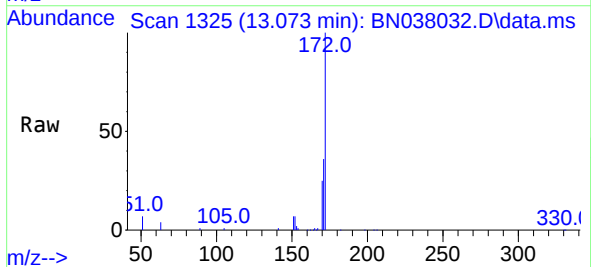
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-420-422

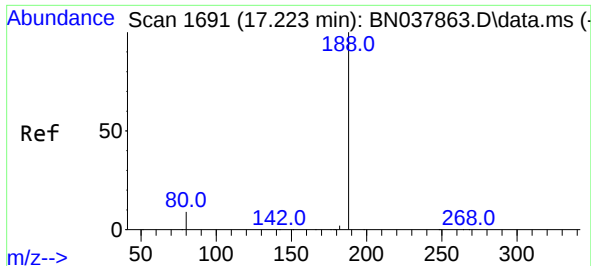
Tgt Ion:330 Resp: 1986
Ion Ratio Lower Upper
330 100
332 99.0 77.2 115.8
141 43.5 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.073 min Scan# 1325
Delta R.T. -0.021 min
Lab File: BN038032.D
Acq: 07 Oct 2025 05:34

Tgt Ion:172 Resp: 24592
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.9 19.7 29.5

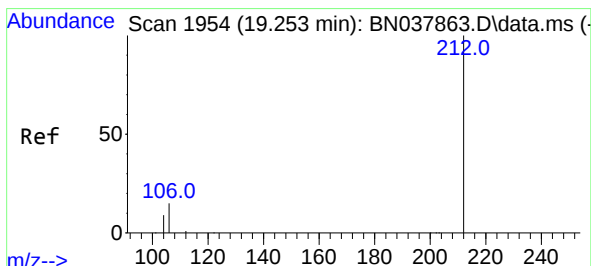
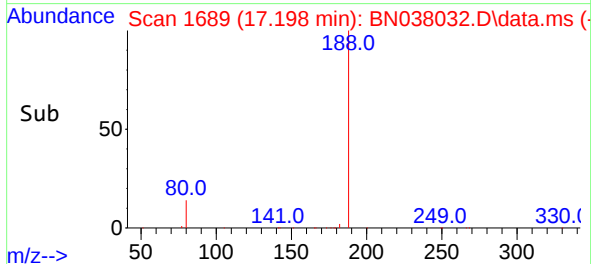
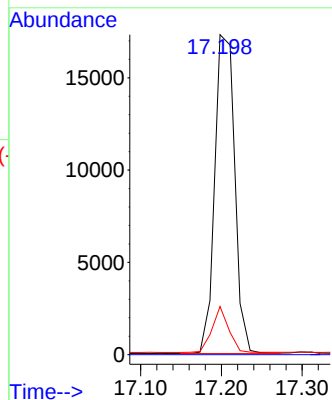
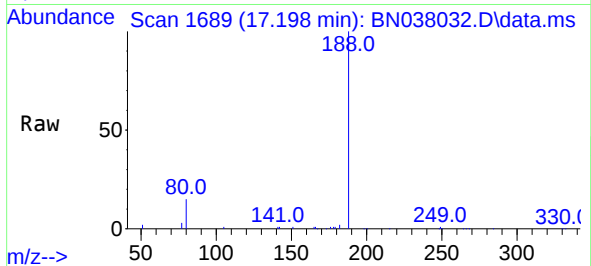




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038032.D
Acq: 07 Oct 2025 05:34

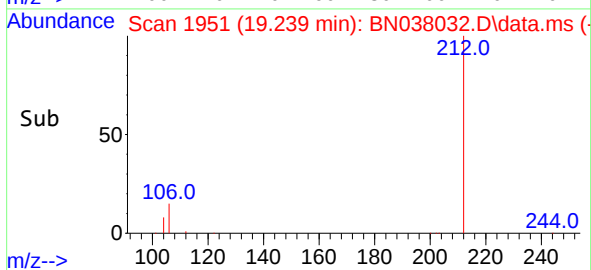
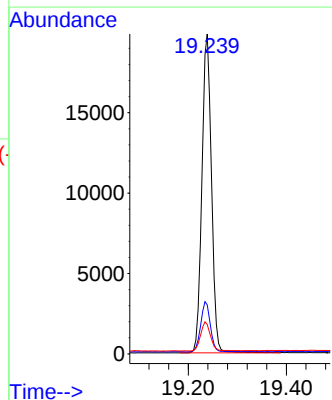
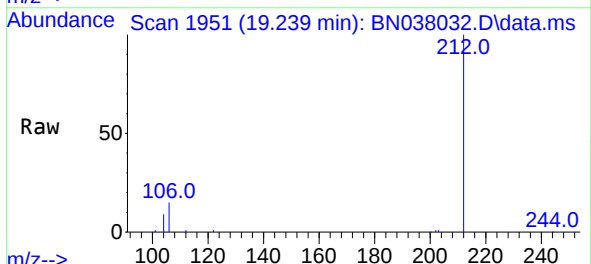
Instrument :
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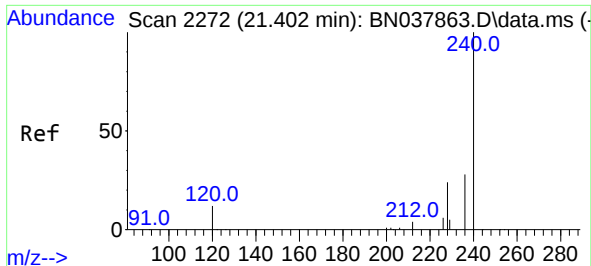
Tgt Ion:188 Resp: 29744
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038032.D
Acq: 07 Oct 2025 05:34

Tgt Ion:212 Resp: 26778
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 9.3 7.4 11.0

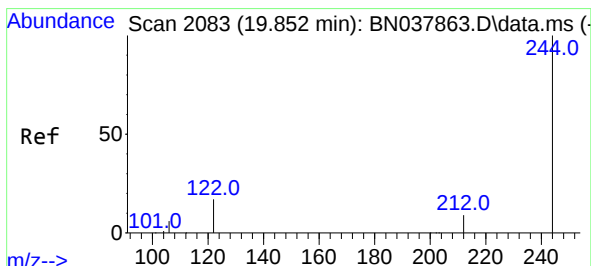
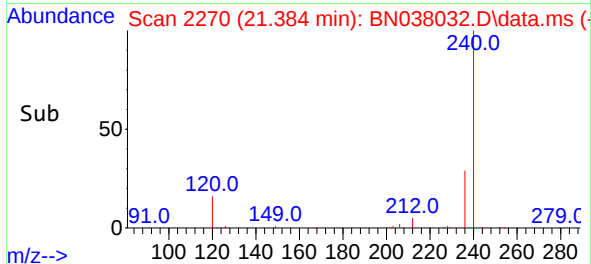
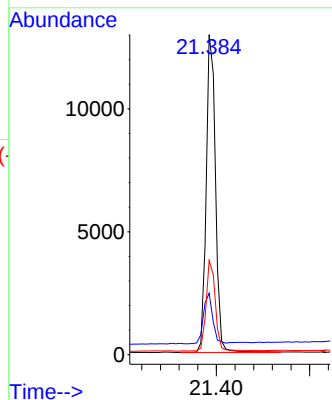
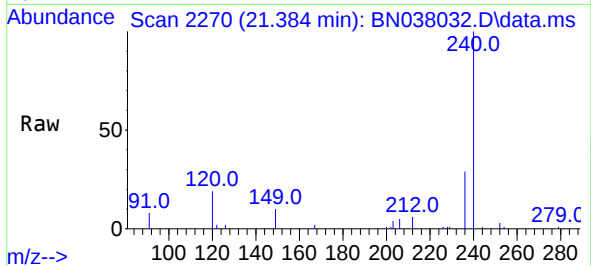




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038032.D
Acq: 07 Oct 2025 05:34

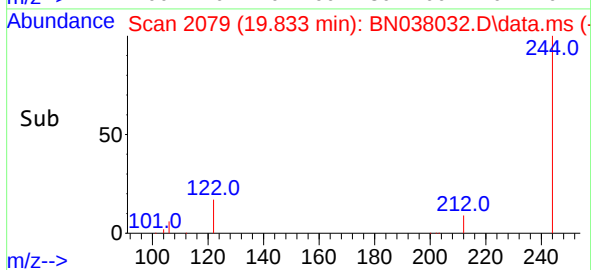
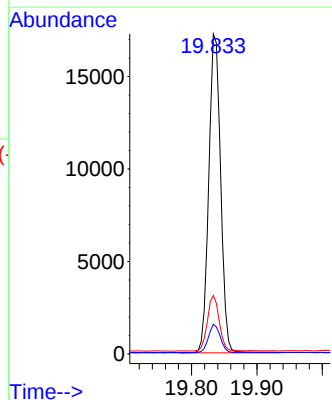
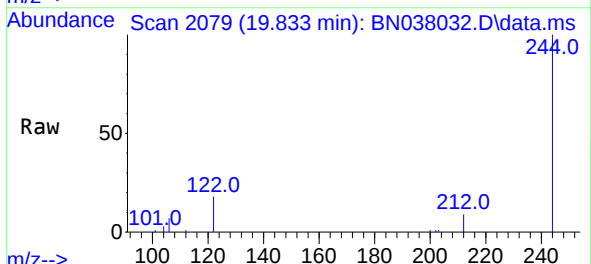
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-420-422

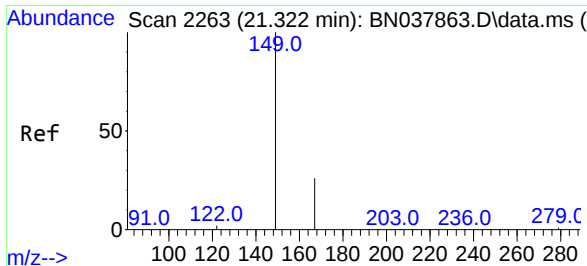
Tgt Ion:240 Resp: 17950
Ion Ratio Lower Upper
240 100
120 19.2 11.4 17.2#
236 29.5 23.0 34.6



#31
Terphenyl-d14
Concen: 0.606 ng
RT: 19.833 min Scan# 2079
Delta R.T. -0.019 min
Lab File: BN038032.D
Acq: 07 Oct 2025 05:34

Tgt Ion:244 Resp: 21685
Ion Ratio Lower Upper
244 100
212 9.3 7.6 11.4
122 18.3 13.9 20.9

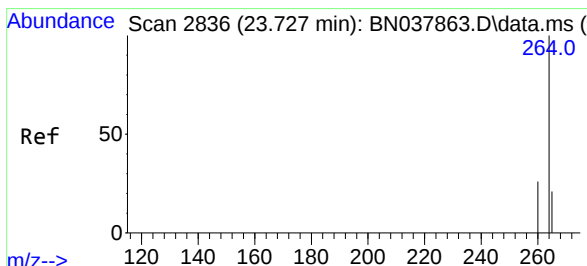
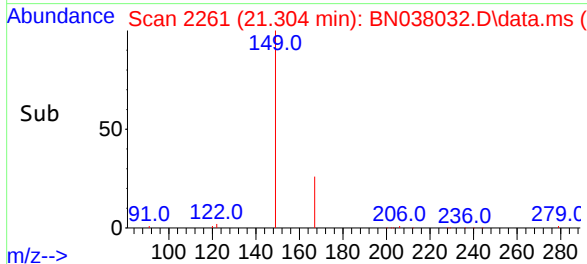
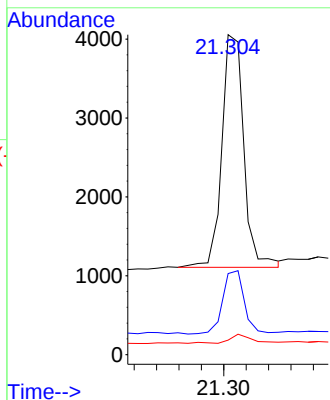
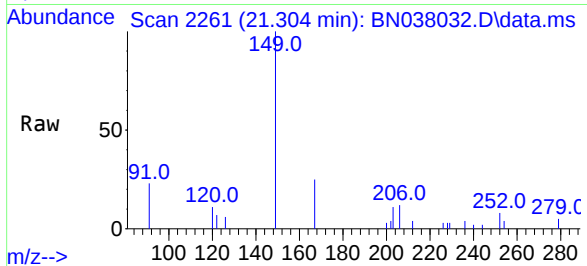




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.162 ng
 RT: 21.304 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN038032.D
 Acq: 07 Oct 2025 05:34

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-420-422

Tgt Ion:149 Resp: 4021
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.4 30.6
 279 4.0 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.704 min Scan# 2828
 Delta R.T. -0.023 min
 Lab File: BN038032.D
 Acq: 07 Oct 2025 05:34

Tgt Ion:264 Resp: 14042
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.5 32.3
 265 90.0 53.8 80.6#

