

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038326.D
 Acq On : 11 Dec 2025 20:16
 Operator : RC/JU
 Sample : Q3788-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-16B-87.5-120525

Quant Time: Dec 12 00:11:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

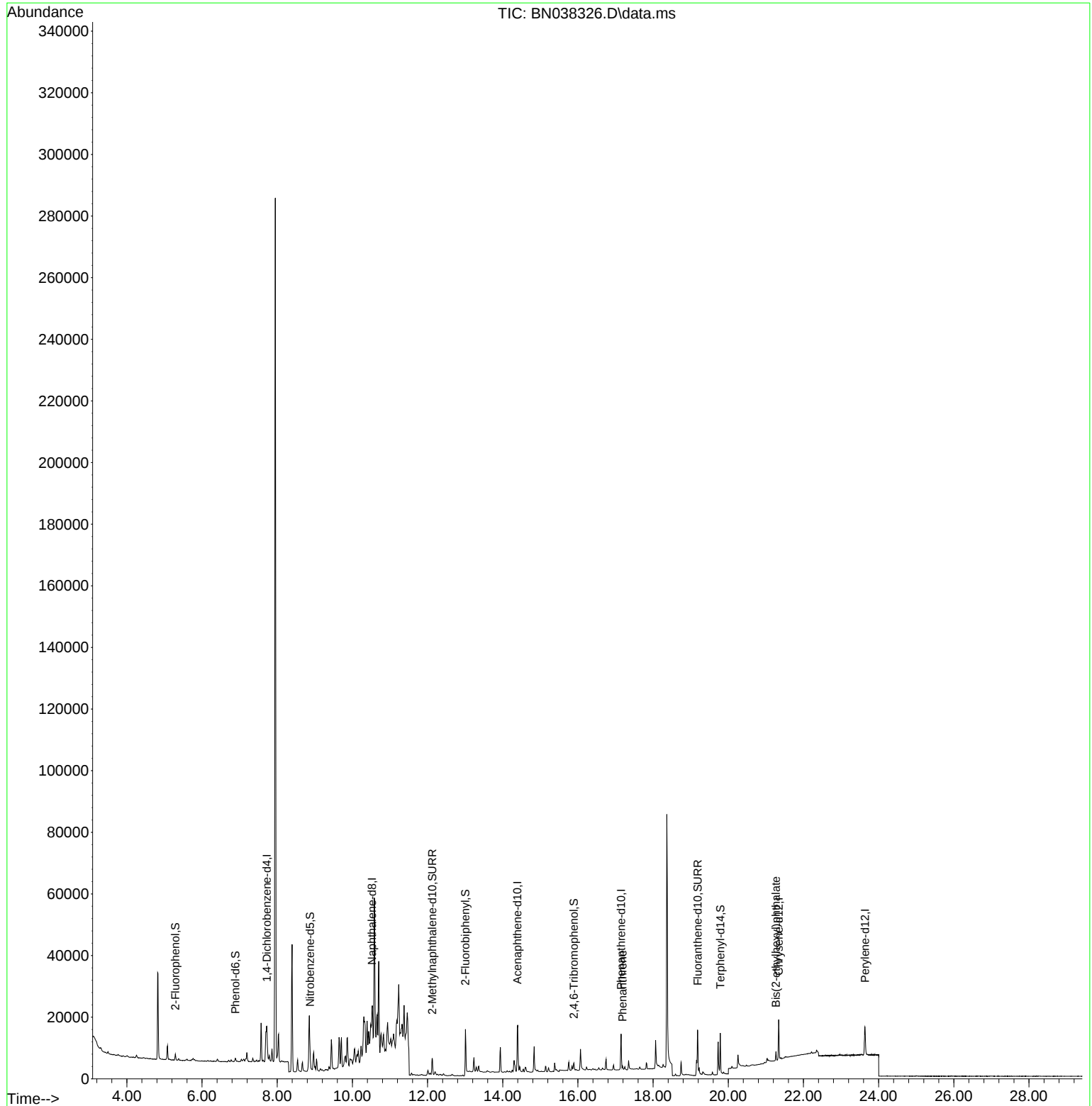
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5312	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	14704	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8122	0.400	ng	-0.01
19) Phenanthrene-d10	17.148	188	14757	0.400	ng	0.00
29) Chrysene-d12	21.340	240	12246	0.400	ng	0.00
35) Perylene-d12	23.636	264	12457	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1583	0.120	ng	0.00
5) Phenol-d6	6.887	99	1101	0.070	ng	0.00
8) Nitrobenzene-d5	8.875	82	4197	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	6672	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1368	0.380	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	12194	0.312	ng	0.00
27) Fluoranthene-d10	19.183	212	14543	0.398	ng	0.00
31) Terphenyl-d14	19.787	244	11162	0.408	ng	0.00
Target Compounds						
25) Phenanthrene	17.186	178	1265	0.025	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.268	149	2769	0.107	ng	# 96

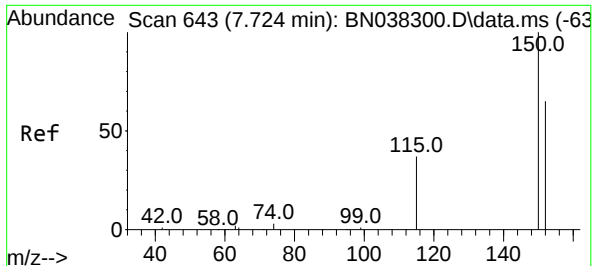
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

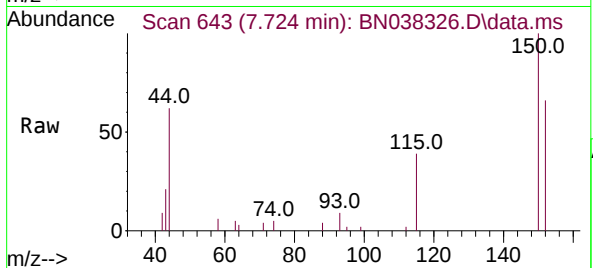
Quant Time: Dec 12 00:11:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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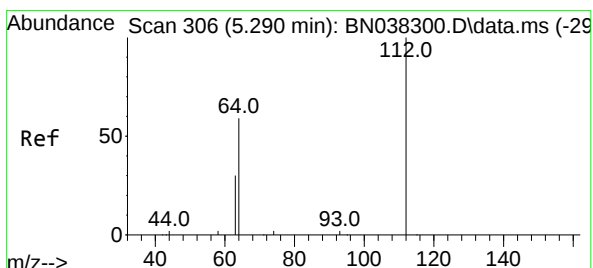
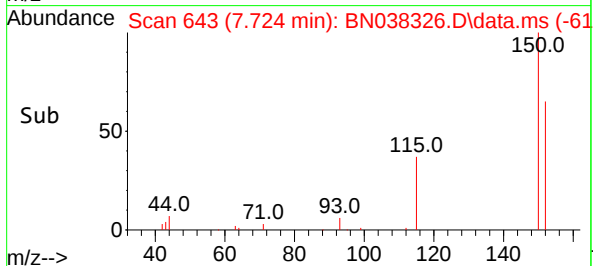
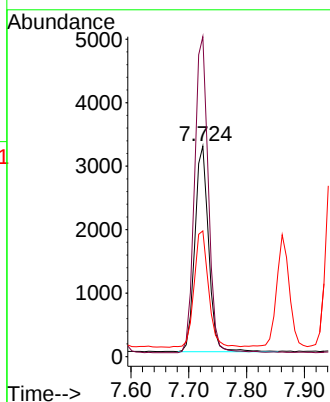
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 643
 Delta R.T. 0.000 min
 Lab File: BN038326.D
 Acq: 11 Dec 2025 20:16

Instrument :
 BNA_N
 ClientSampleId :
 MW-16B-87.5-120525



Tgt Ion:152 Resp: 5312

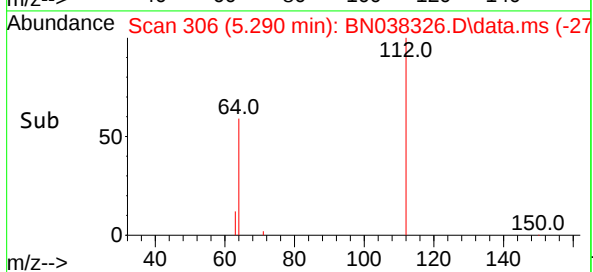
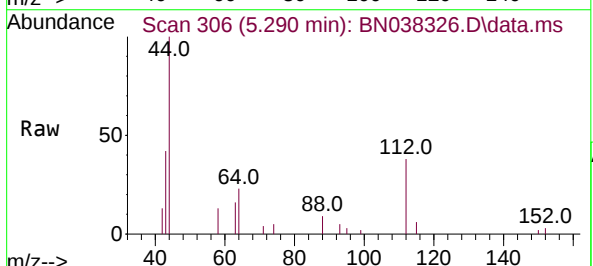
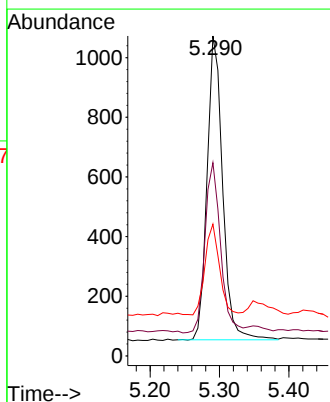
Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.4	183.6
115	59.7	47.3	70.9

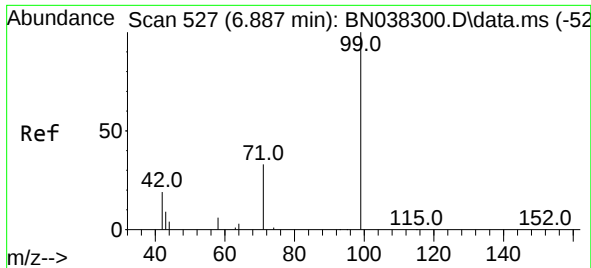


#4
 2-Fluorophenol
 Concen: 0.120 ng
 RT: 5.290 min Scan# 306
 Delta R.T. 0.000 min
 Lab File: BN038326.D
 Acq: 11 Dec 2025 20:16

Tgt Ion:112 Resp: 1583

Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.4	66.6
63	29.0	23.4	35.0

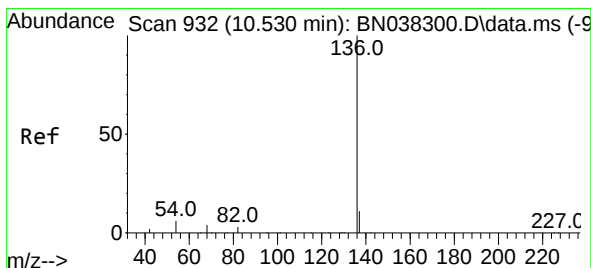
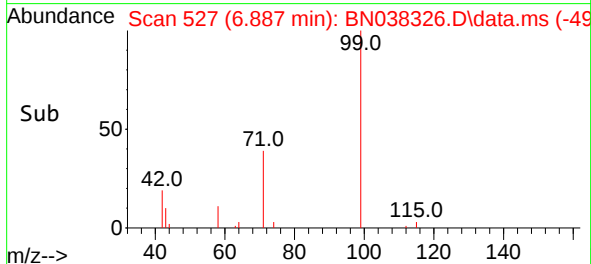
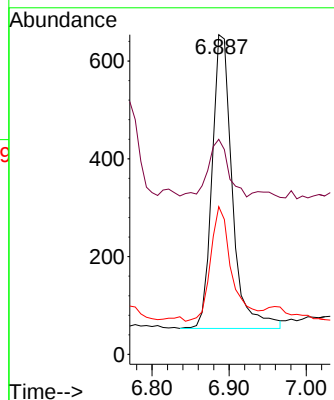
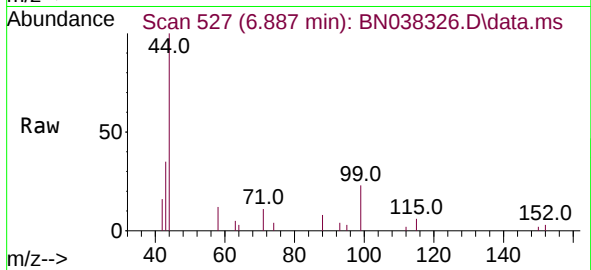




#5
Phenol-d6
Concen: 0.070 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

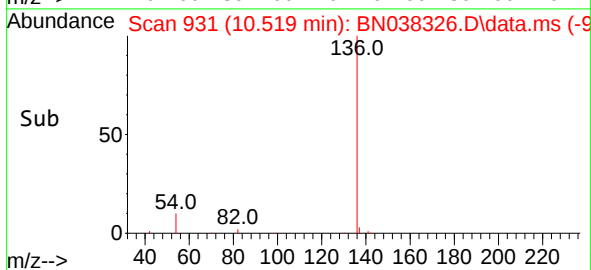
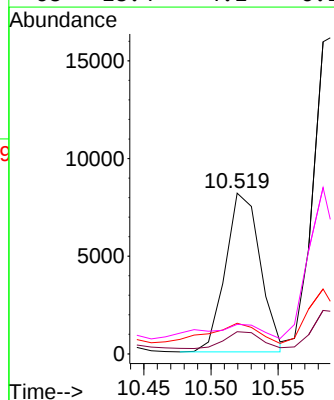
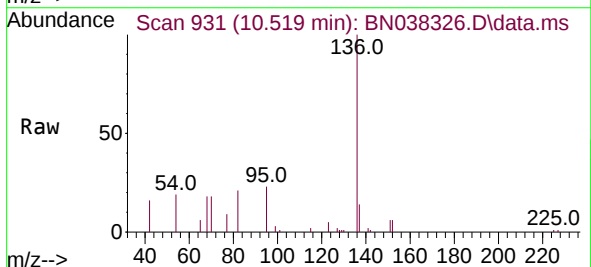
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion: 99 Resp: 1101
Ion Ratio Lower Upper
99 100
42 19.4 16.5 24.7
71 40.4 24.9 37.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion: 136 Resp: 14704
Ion Ratio Lower Upper
136 100
137 13.8 9.1 13.7#
54 19.1 5.2 7.8#
68 18.4 4.1 6.1#

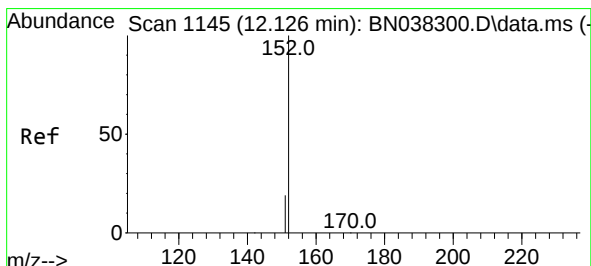
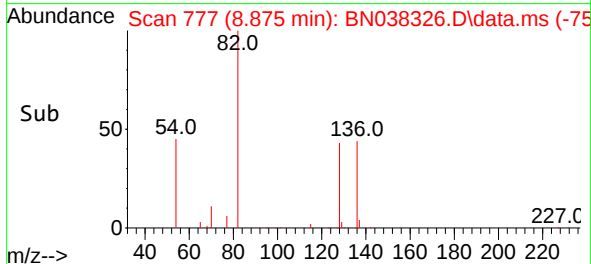
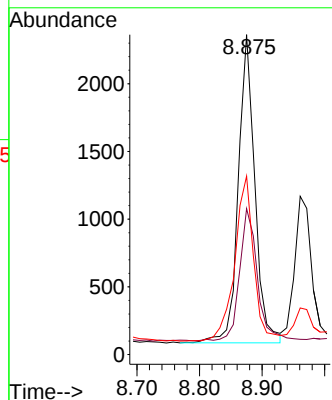
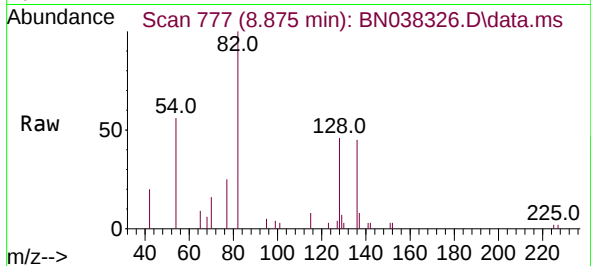




#8
 Nitrobenzene-d5
 Concen: 0.338 ng
 RT: 8.875 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: BN038326.D
 Acq: 11 Dec 2025 20:16

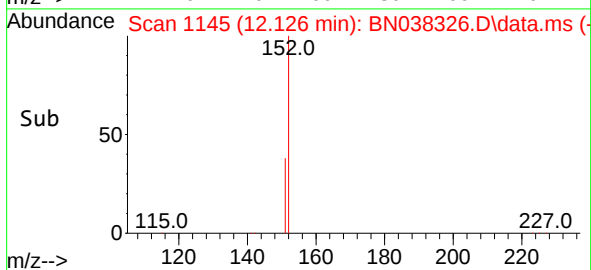
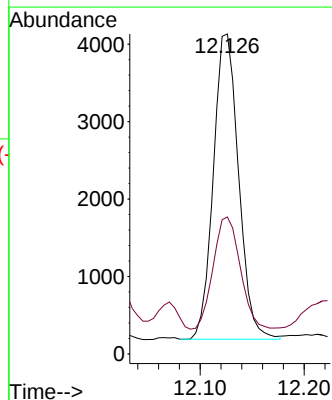
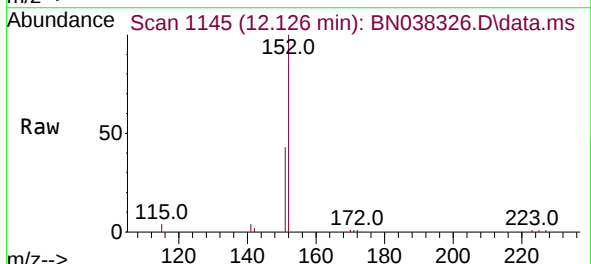
Instrument :
 BNA_N
 ClientSampleId :
 MW-16B-87.5-120525

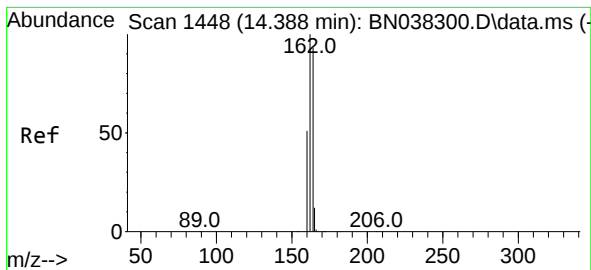
Tgt Ion: 82 Resp: 4197
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.0 51.0
 54 55.8 44.4 66.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.322 ng
 RT: 12.126 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: BN038326.D
 Acq: 11 Dec 2025 20:16

Tgt Ion: 152 Resp: 6672
 Ion Ratio Lower Upper
 152 100
 151 39.3 17.0 25.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.388 min Scan# 1448

Delta R.T. -0.011 min

Lab File: BN038326.D

Acq: 11 Dec 2025 20:16

Instrument :

BNA_N

ClientSampleId :

MW-16B-87.5-120525

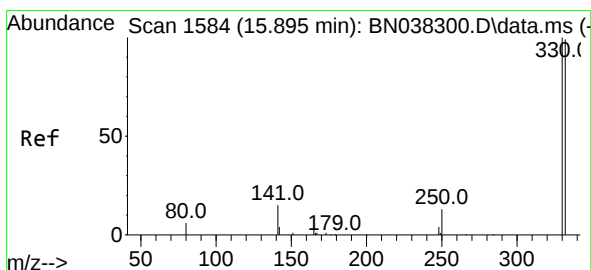
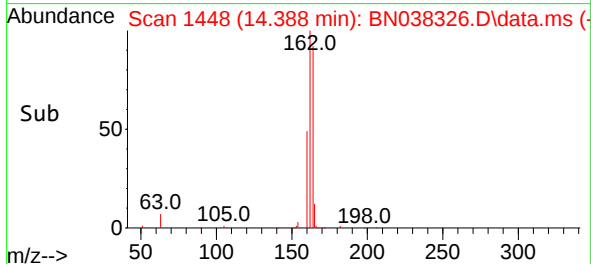
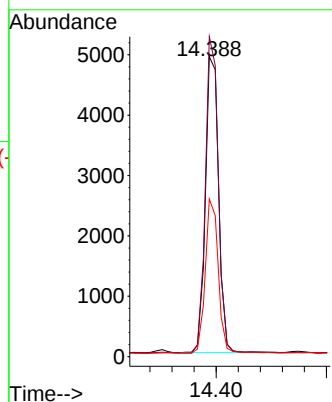
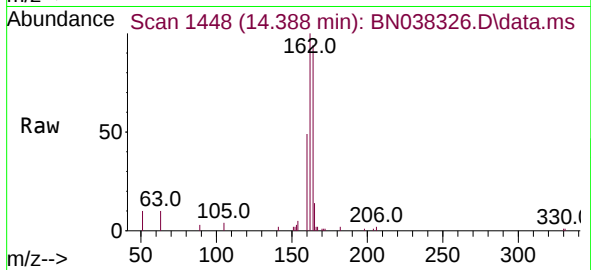
Tgt Ion:164 Resp: 8122

Ion Ratio Lower Upper

164 100

162 106.7 86.2 129.4

160 52.6 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.380 ng

RT: 15.895 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BN038326.D

Acq: 11 Dec 2025 20:16

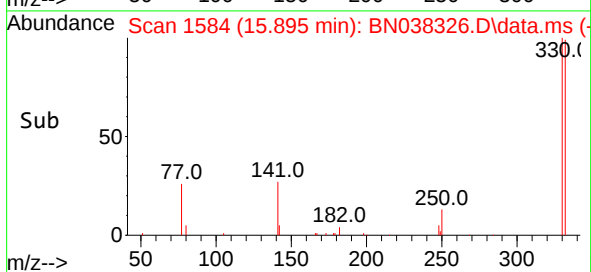
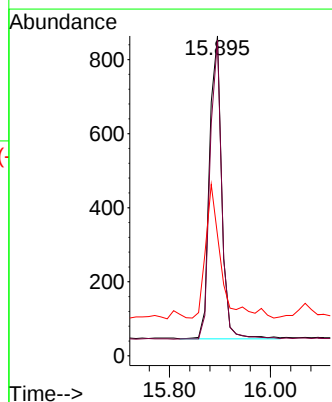
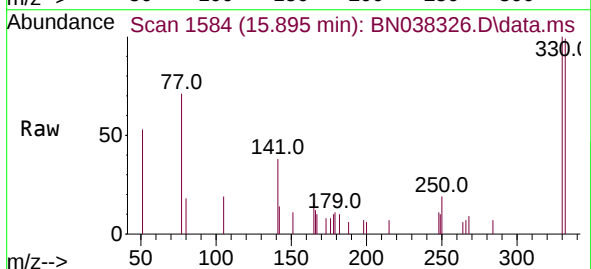
Tgt Ion:330 Resp: 1368

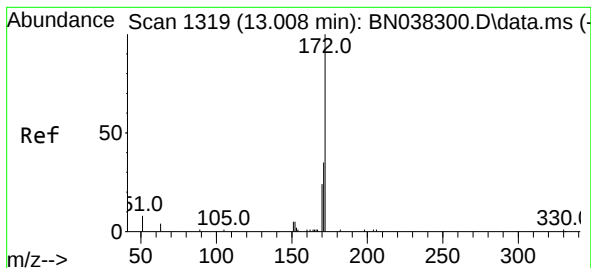
Ion Ratio Lower Upper

330 100

332 95.8 75.8 113.6

141 55.1 31.8 47.8#

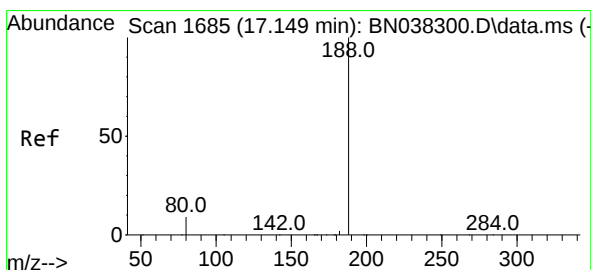
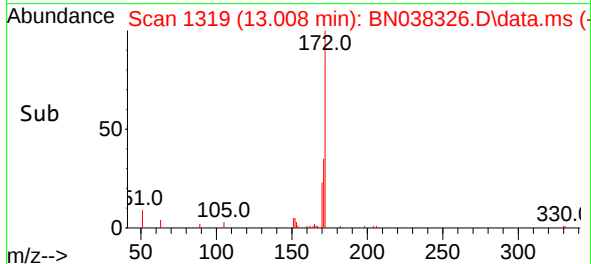
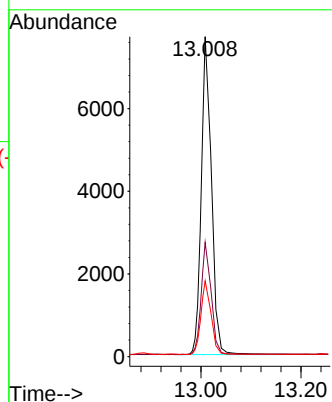
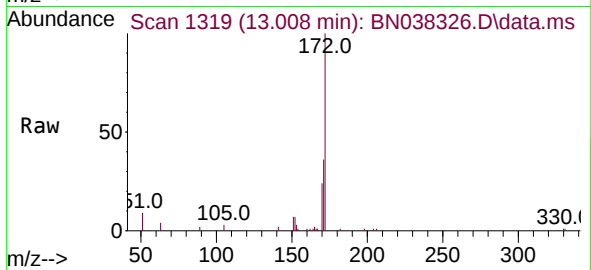




#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.008 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

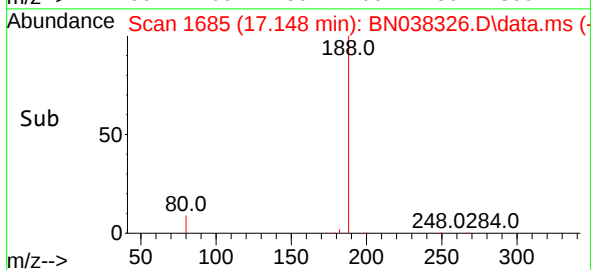
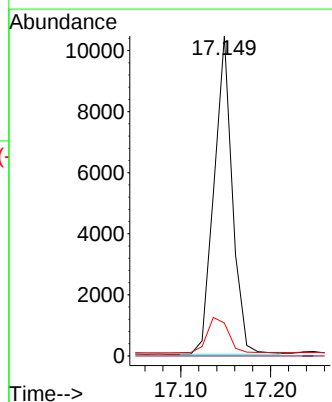
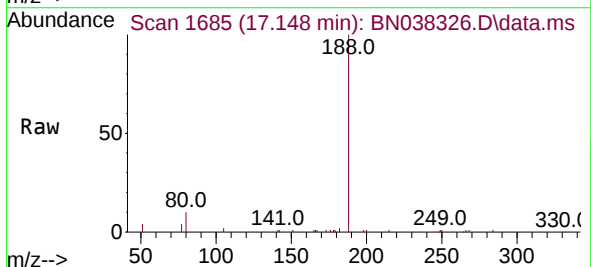
Instrument :
BNA_N
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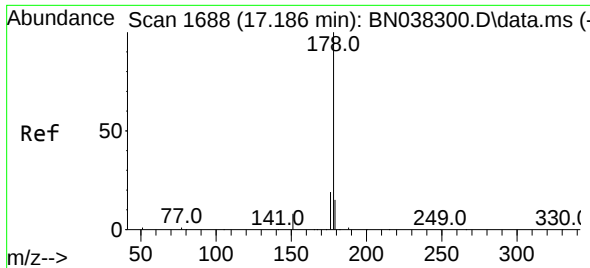
Tgt Ion:	172	Resp:	12194
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.6	42.8
170	23.7	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:	188	Resp:	14757
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.3	7.4	11.0

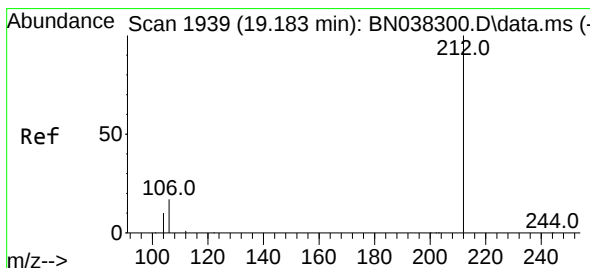
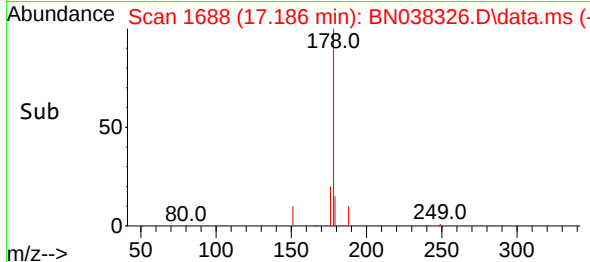
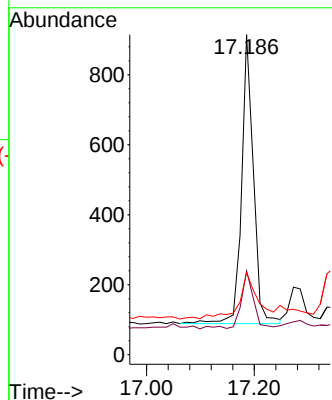
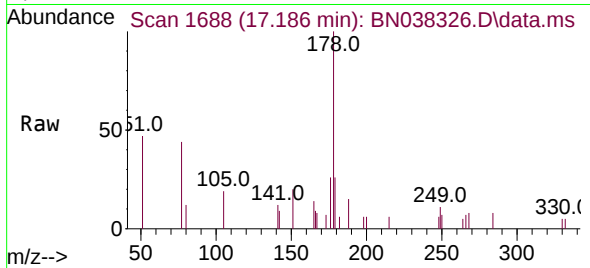




#25
Phenanthrene
Concen: 0.025 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

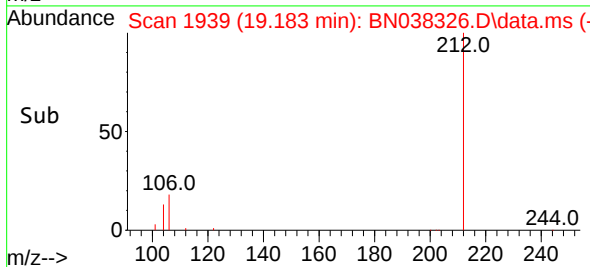
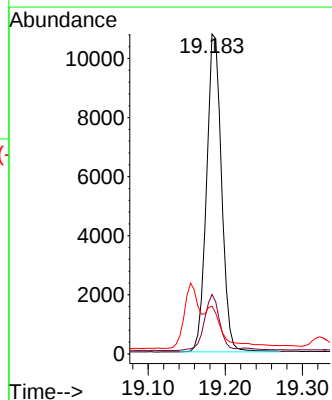
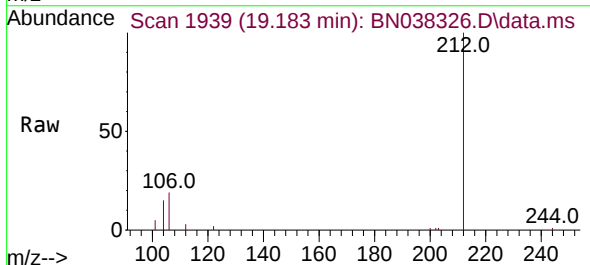
Instrument :
BNA_N
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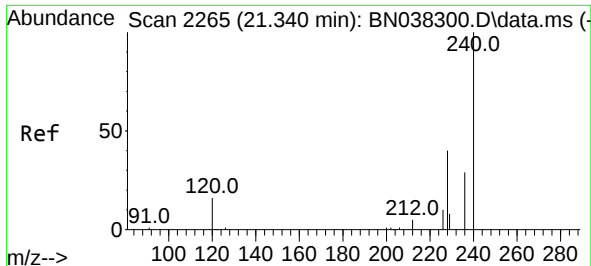
Tgt Ion:178 Resp: 1265
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 25.3 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:212 Resp: 14543
Ion Ratio Lower Upper
212 100
106 17.9 13.7 20.5
104 0.0 7.8 11.8#

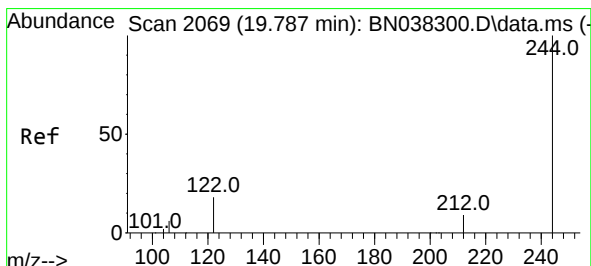
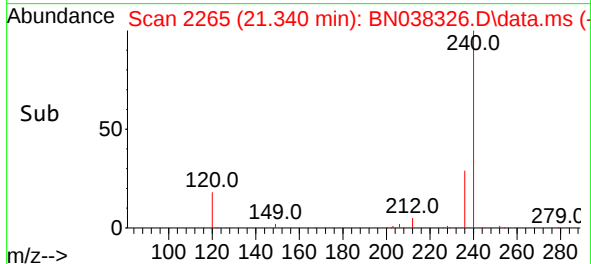
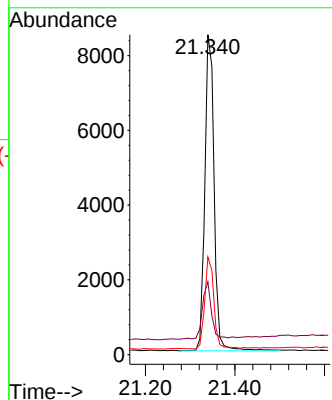
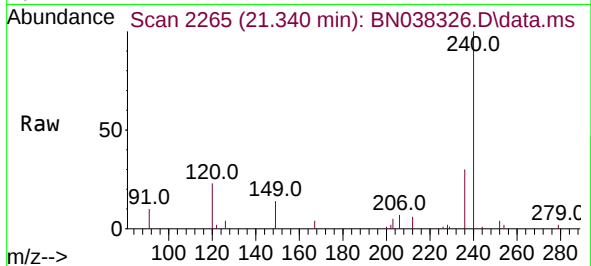




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

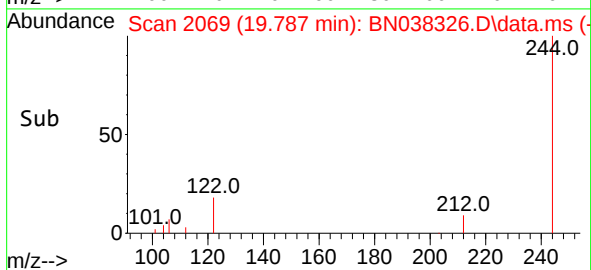
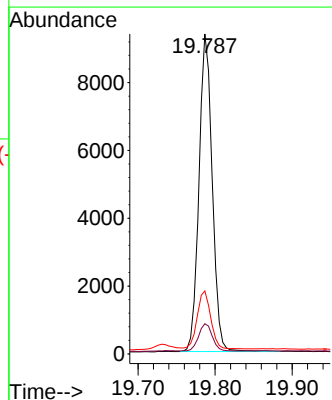
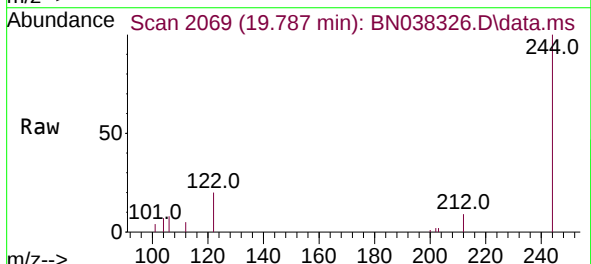
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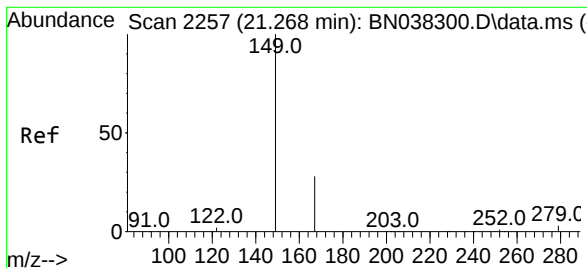
Tgt Ion:	240	Resp:	12246
Ion Ratio	Lower	Upper	
240	100		
120	22.8	15.4	23.2
236	30.5	23.9	35.9



#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038326.D
Acq: 11 Dec 2025 20:16

Tgt Ion:	244	Resp:	11162
Ion Ratio	Lower	Upper	
244	100		
212	9.4	7.9	11.9
122	19.7	15.0	22.6

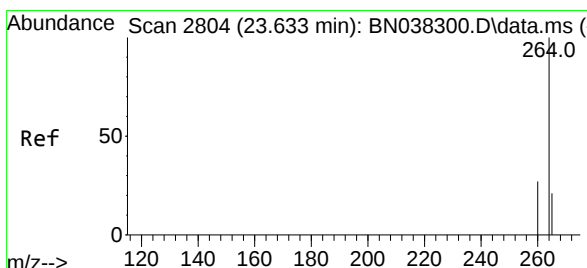
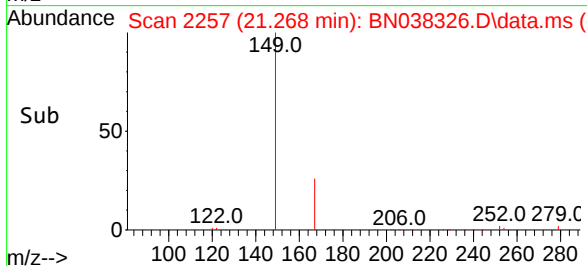
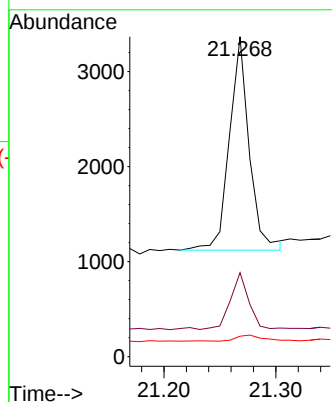
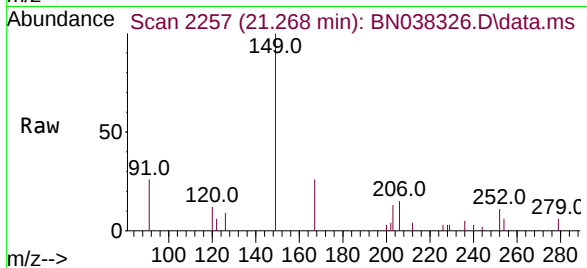




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.107 ng
 RT: 21.268 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN038326.D
 Acq: 11 Dec 2025 20:16

Instrument :
 BNA_N
 ClientSampleId :
 MW-16B-87.5-120525

Tgt Ion:149 Resp: 2769
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.4 32.0
 279 4.0 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.636 min Scan# 2805
 Delta R.T. 0.003 min
 Lab File: BN038326.D
 Acq: 11 Dec 2025 20:16

Tgt Ion:264 Resp: 12457
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.2 33.2
 265 98.2 80.2 120.2

