

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038459.D
 Acq On : 17 Dec 2025 01:59
 Operator : RC/JU
 Sample : Q3863-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55-121225

Quant Time: Dec 17 03:01:02 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)

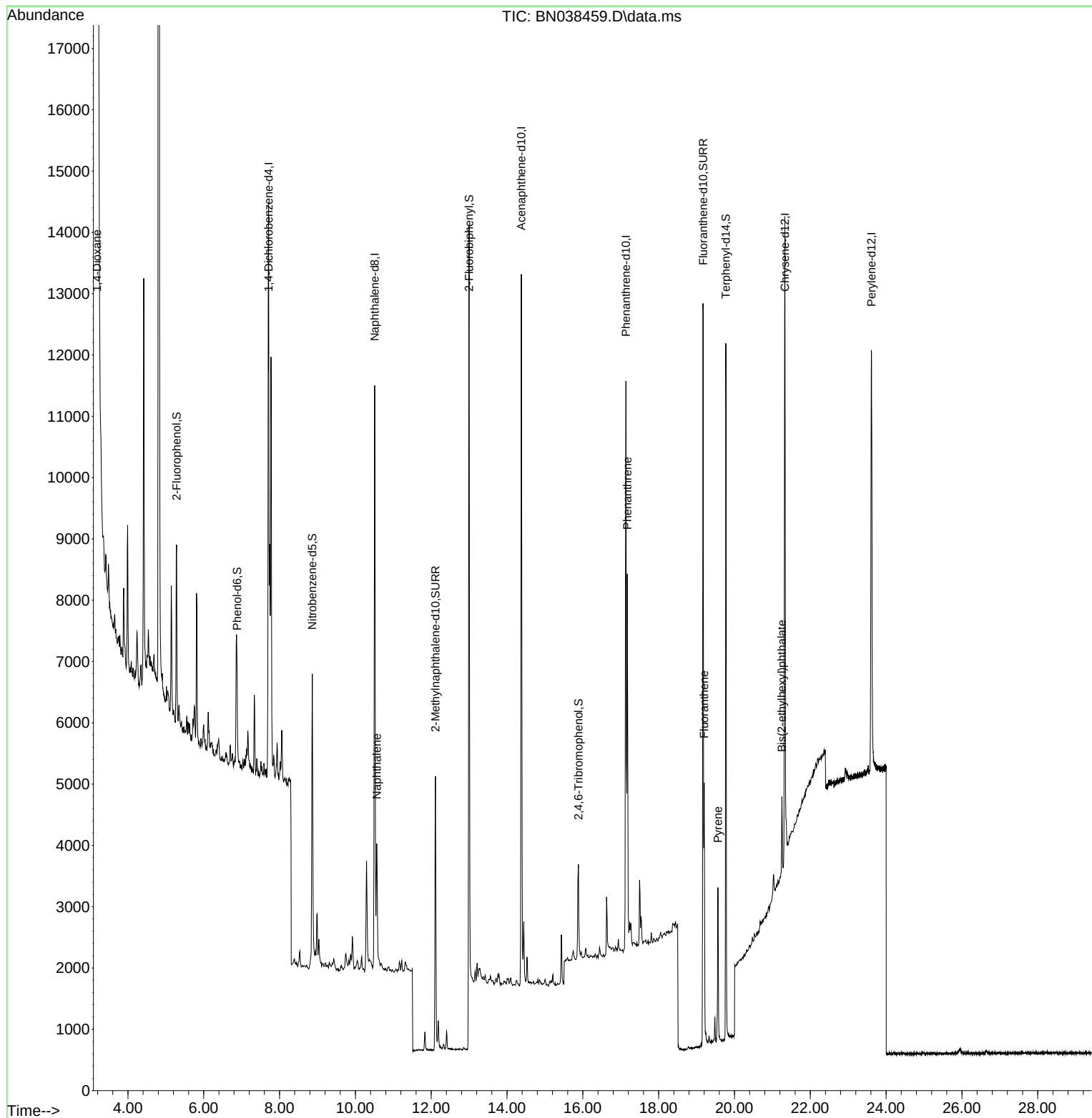
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4638	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	12310	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6700	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	13034	0.400	ng	-0.01
29) Chrysene-d12	21.331	240	9904	0.400	ng	# 0.00
35) Perylene-d12	23.613	264	9884	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	2076	0.180	ng	0.00
5) Phenol-d6	6.879	99	1454	0.106	ng	0.00
8) Nitrobenzene-d5	8.865	82	4391	0.423	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	6404	0.369	ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	1058	0.356	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	16493	0.511	ng	-0.01
27) Fluoranthene-d10	19.174	212	12974	0.402	ng	-0.01
31) Terphenyl-d14	19.773	244	10353	0.468	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.182	88	17026	3.202	ng	# 70
9) Naphthalene	10.562	128	1607	0.044	ng	# 86
25) Phenanthrene	17.173	178	6168	0.136	ng	99
28) Fluoranthene	19.201	202	3653	0.076	ng	97
30) Pyrene	19.564	202	2359	0.048	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.250	149	1279	0.061	ng	# 95

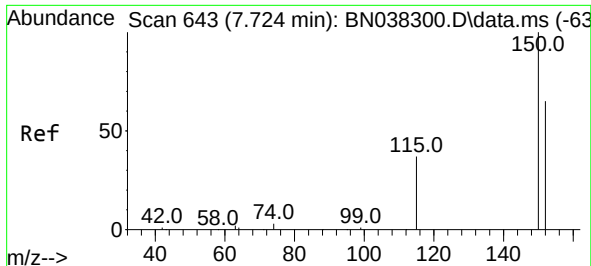
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
Data File : BN038459.D
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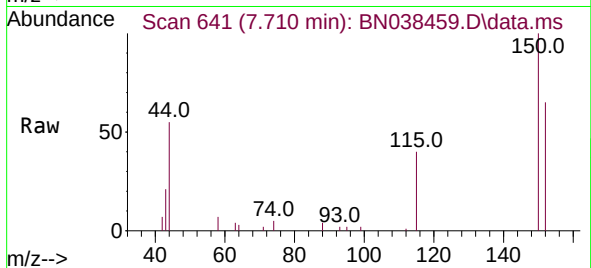
Quant Time: Dec 17 03:01:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



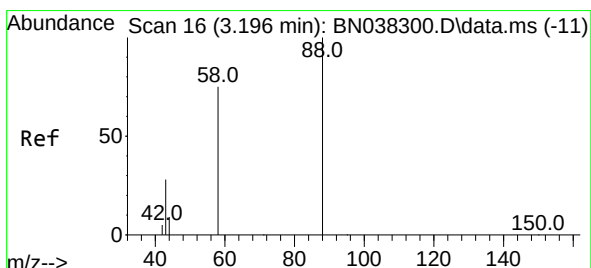
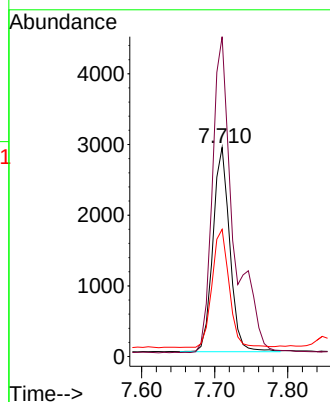
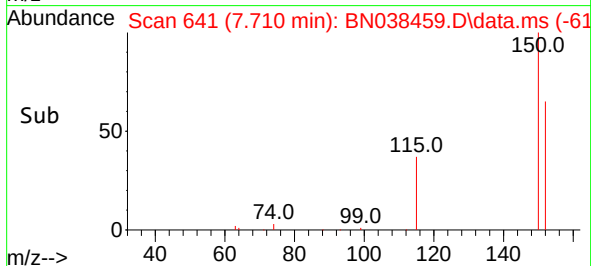


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN038459.D
 Acq: 17 Dec 2025 01:59

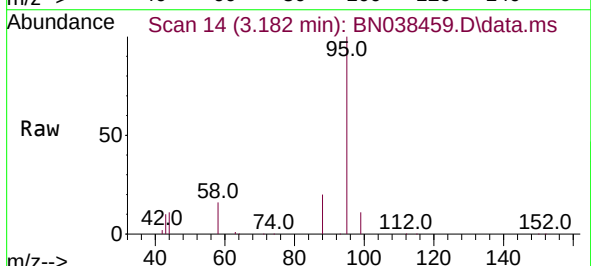
Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55-121225



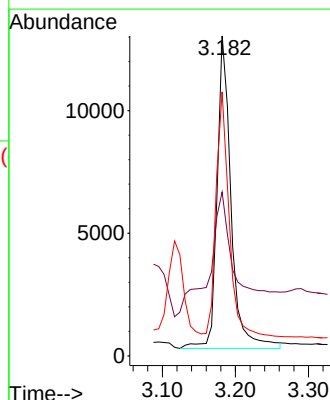
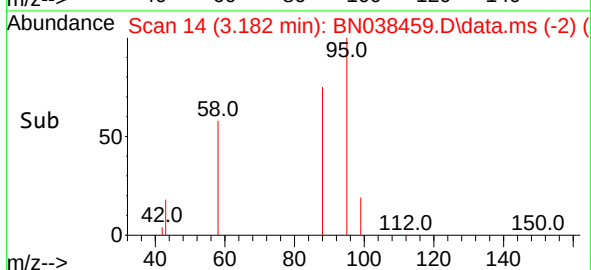
Tgt Ion:152 Resp: 4638
 Ion Ratio Lower Upper
 152 100
 150 153.0 122.4 183.6
 115 60.9 47.3 70.9

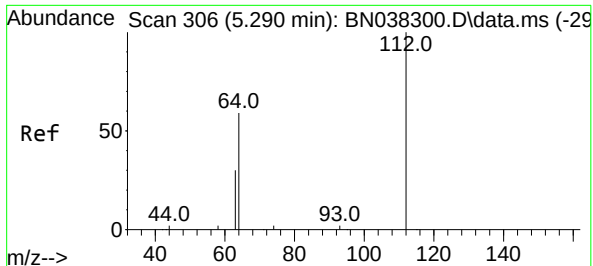


#2
 1,4-Dioxane
 Concen: 3.202 ng
 RT: 3.182 min Scan# 14
 Delta R.T. -0.014 min
 Lab File: BN038459.D
 Acq: 17 Dec 2025 01:59



Tgt Ion: 88 Resp: 17026
 Ion Ratio Lower Upper
 88 100
 43 81.6 24.9 37.3#
 58 72.6 61.4 92.0

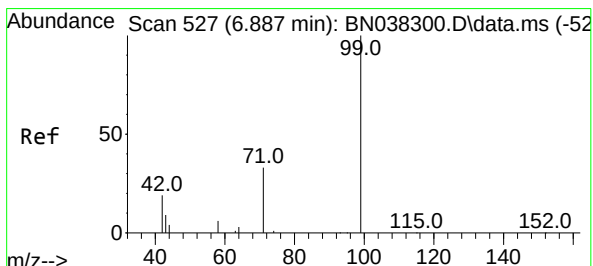
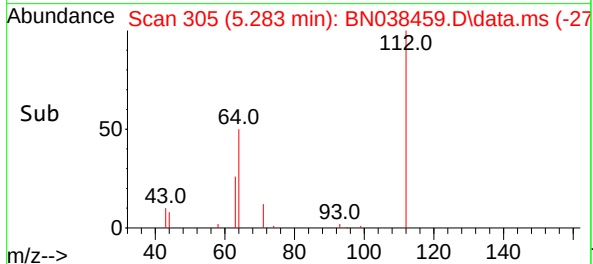
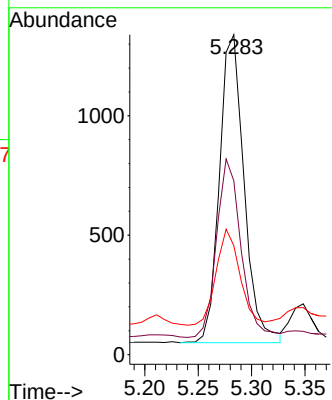
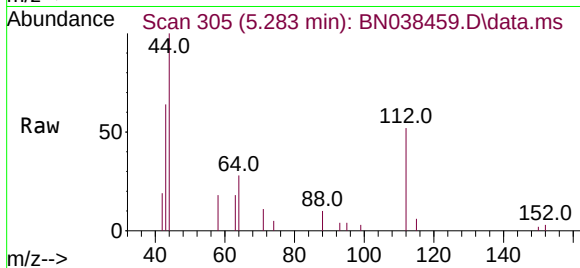




#4
2-Fluorophenol
Concen: 0.180 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

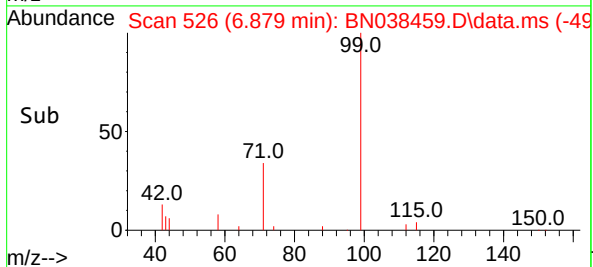
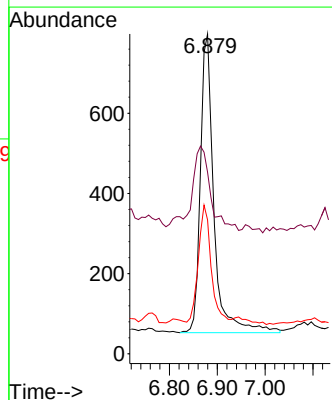
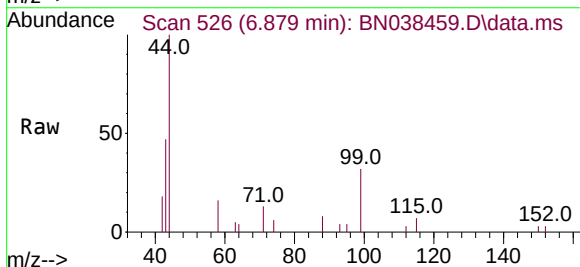
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225

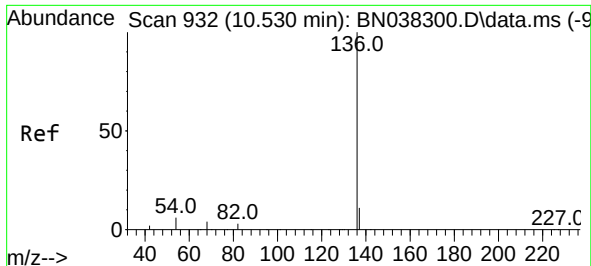
Tgt Ion:112 Resp: 2076
Ion Ratio Lower Upper
112 100
64 57.2 44.4 66.6
63 30.0 23.4 35.0



#5
Phenol-d6
Concen: 0.106 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

Tgt Ion: 99 Resp: 1454
Ion Ratio Lower Upper
99 100
42 40.0 16.5 24.7#
71 37.8 24.9 37.3#

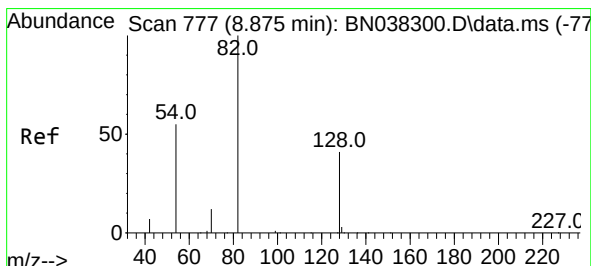
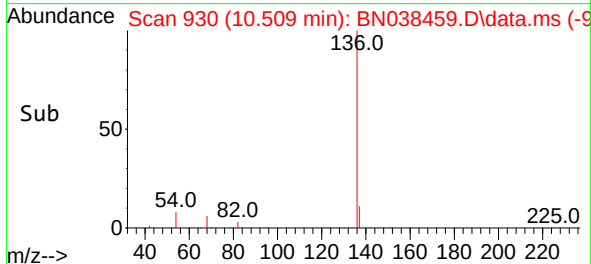
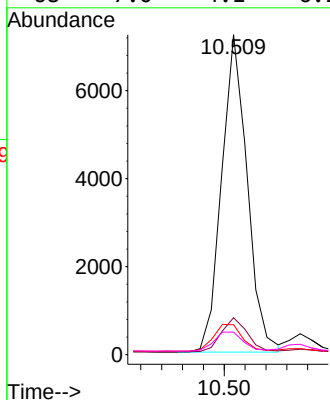
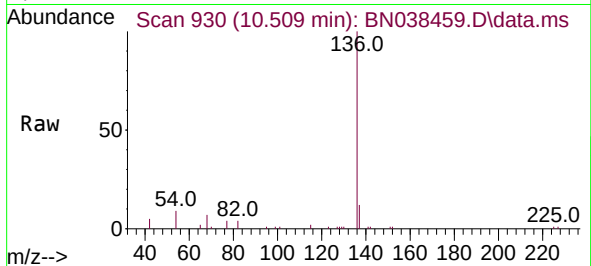




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 931
Delta R.T. -0.021 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

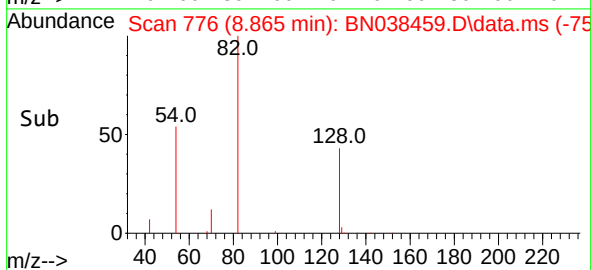
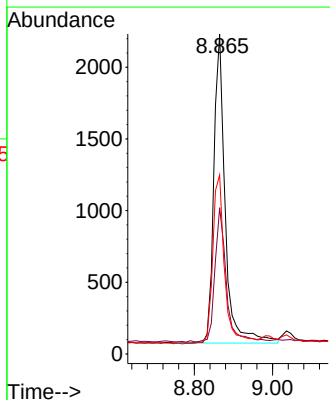
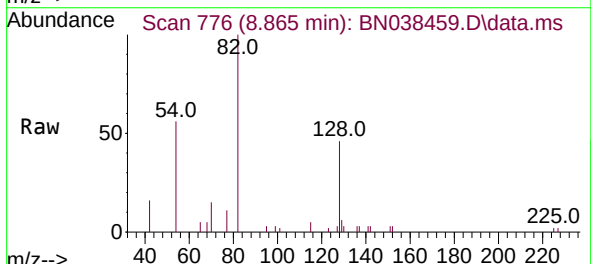
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225

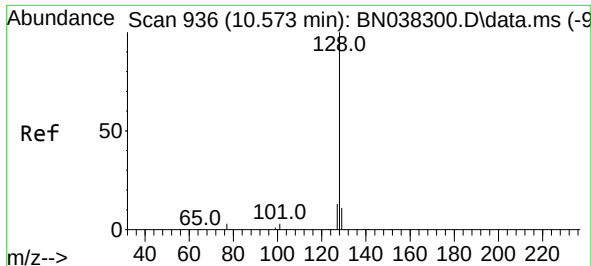
Tgt Ion:	136	Resp:	12310
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	9.3	5.2	7.8#
68	7.0	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.423 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

Tgt Ion:	82	Resp:	4391
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.0	51.0
54	55.9	44.4	66.6

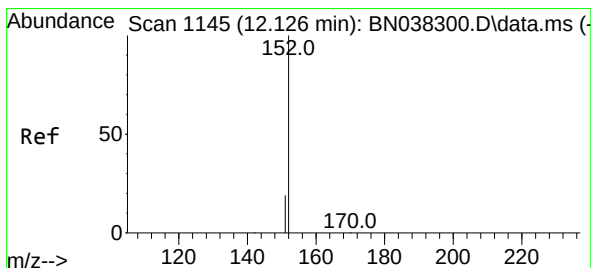
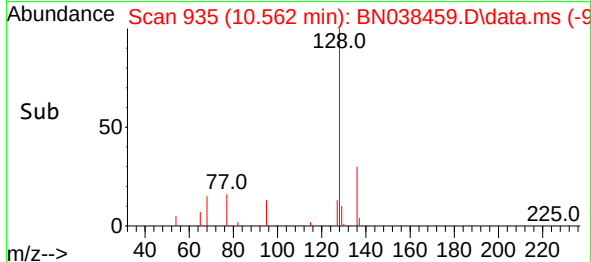
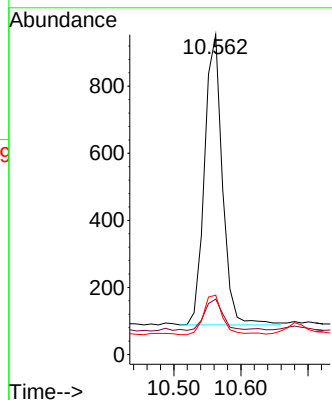
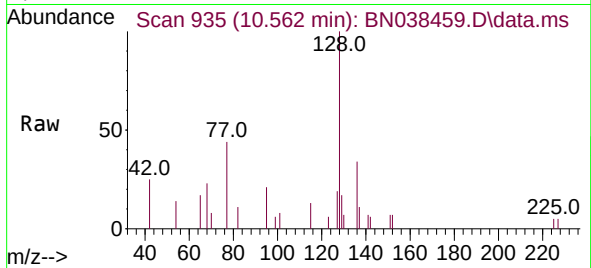




#9
Naphthalene
Concen: 0.044 ng
RT: 10.562 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

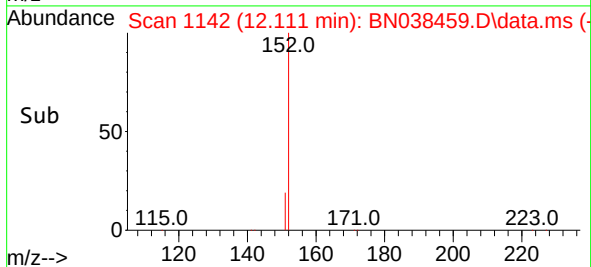
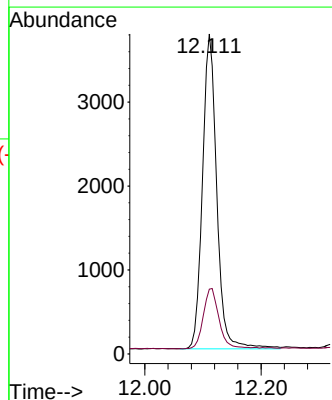
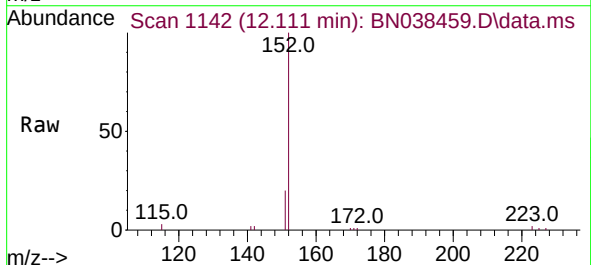
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225

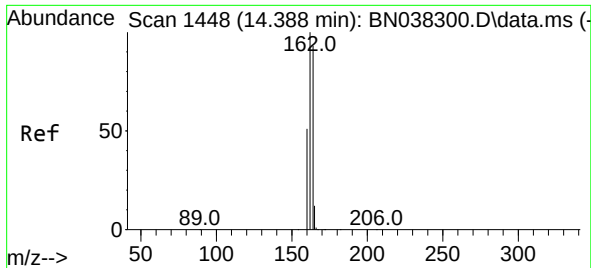
Tgt Ion:128 Resp: 1607
Ion Ratio Lower Upper
128 100
129 17.3 9.1 13.7#
127 18.6 10.9 16.3#



#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.111 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

Tgt Ion:152 Resp: 6404
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6

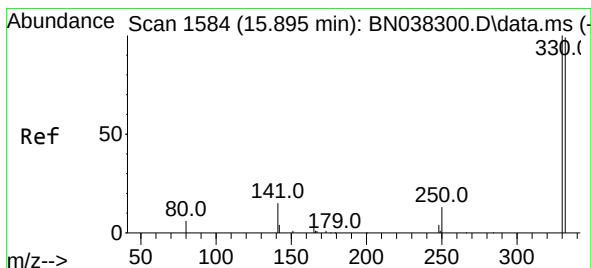
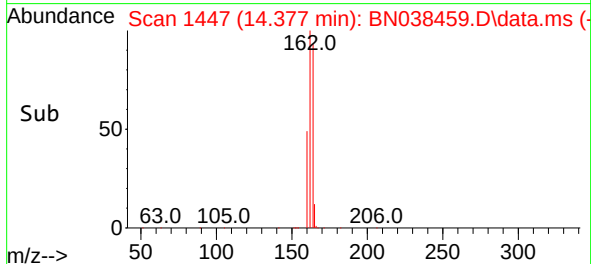
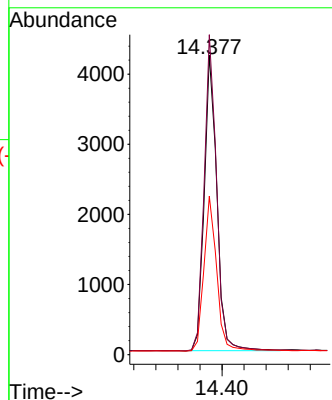
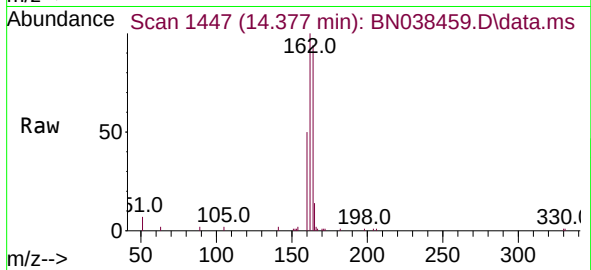




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

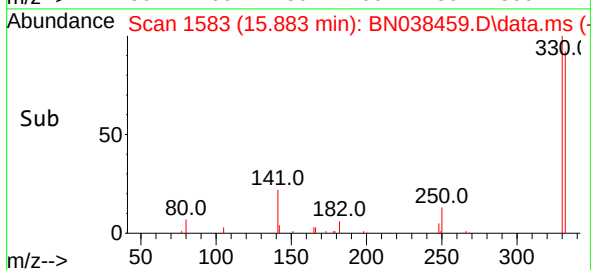
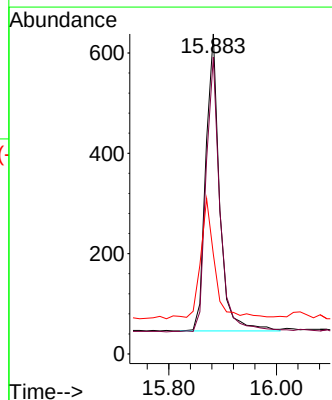
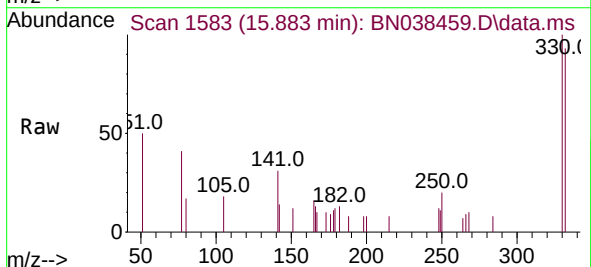
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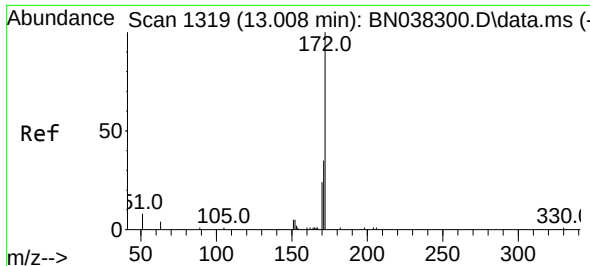
Tgt Ion:164 Resp: 6700
Ion Ratio Lower Upper
164 100
162 106.8 86.2 129.4
160 52.9 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.356 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

Tgt Ion:330 Resp: 1058
Ion Ratio Lower Upper
330 100
332 94.3 75.8 113.6
141 42.6 31.8 47.8

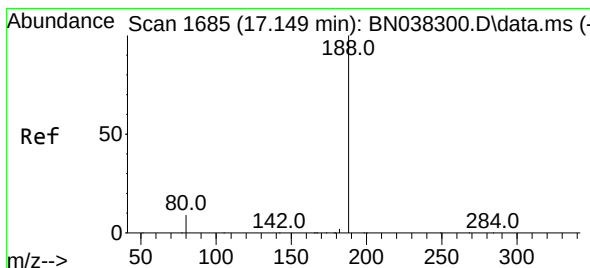
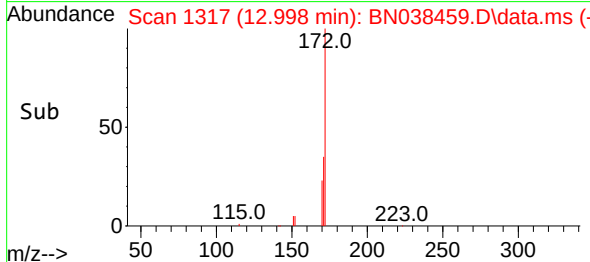
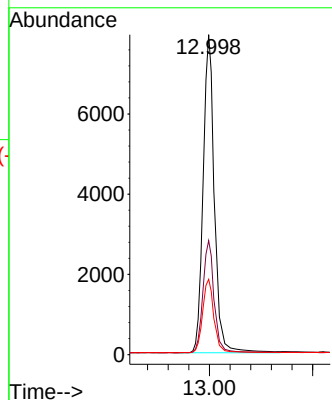
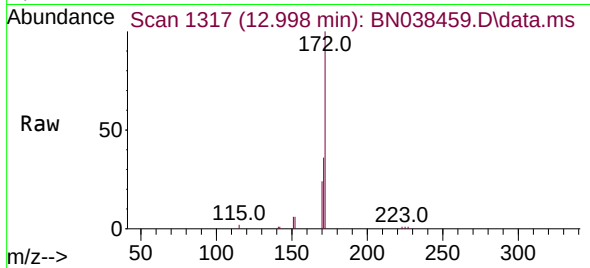




#15
2-Fluorobiphenyl
Concen: 0.511 ng
RT: 12.998 min Scan# 1319
Delta R.T. -0.010 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

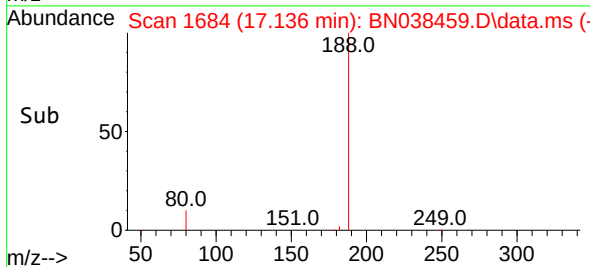
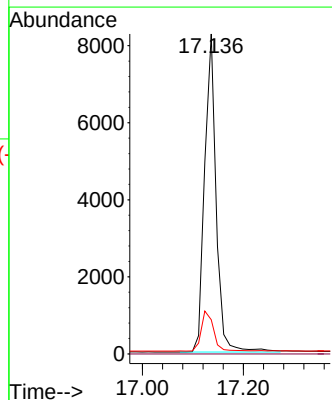
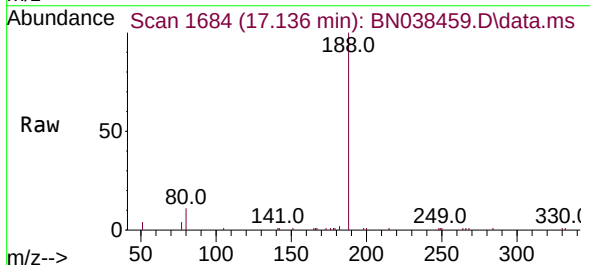
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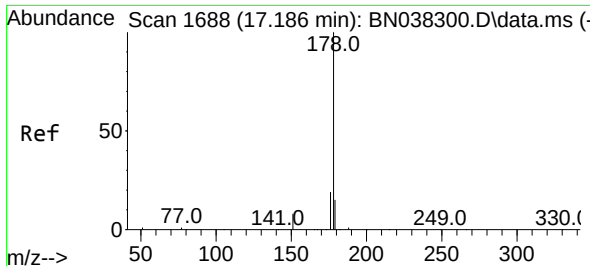
Tgt Ion:	172	Resp:	16493
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	42.8
170	23.5	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

Tgt Ion:	188	Resp:	13034
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.7	7.4	11.0

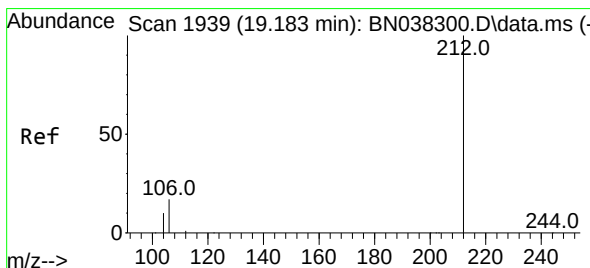
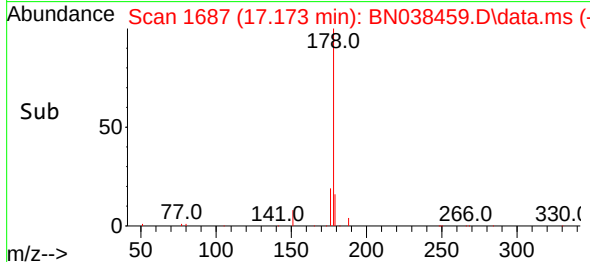
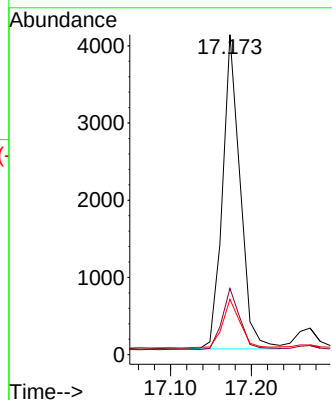
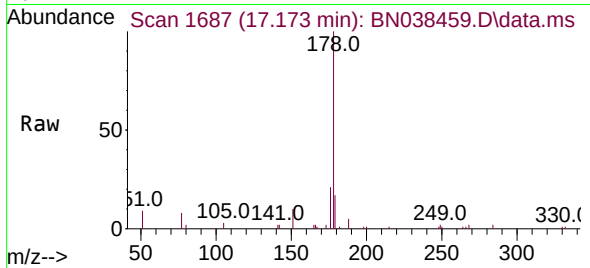




#25
Phenanthrene
Concen: 0.136 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

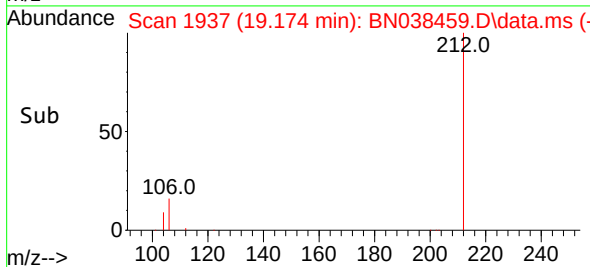
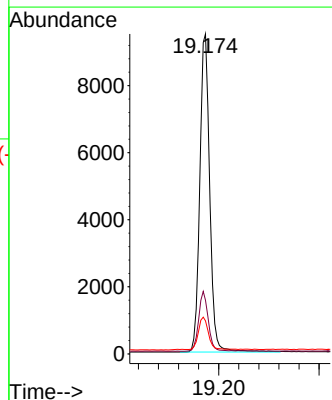
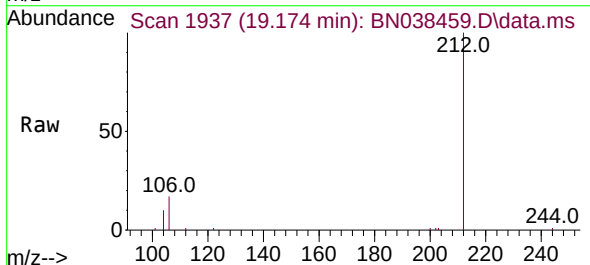
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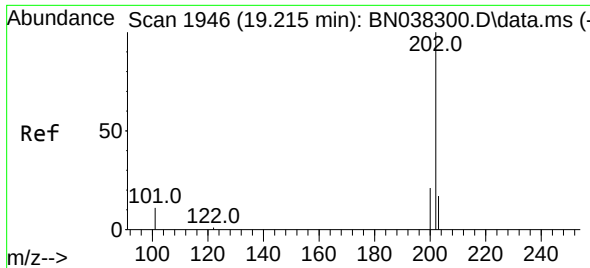
Tgt Ion:178	Resp:	6168
Ion Ratio	Lower	Upper
178	100	
176	20.2	15.5 23.3
179	15.4	12.2 18.2



#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

Tgt Ion:212	Resp:	12974
Ion Ratio	Lower	Upper
212	100	
106	18.2	13.7 20.5
104	10.1	7.8 11.8

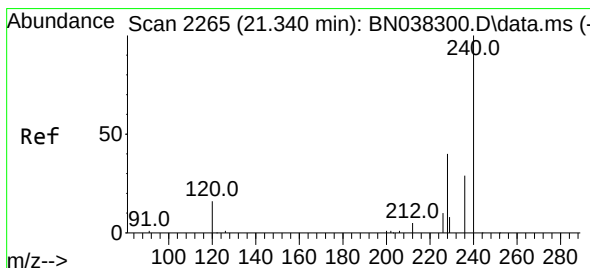
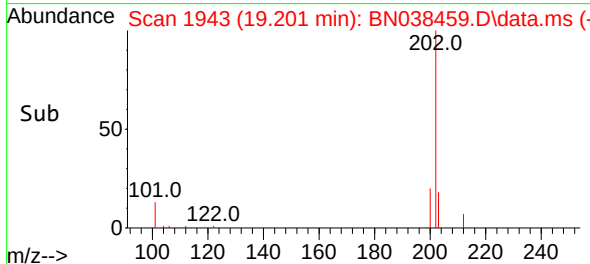
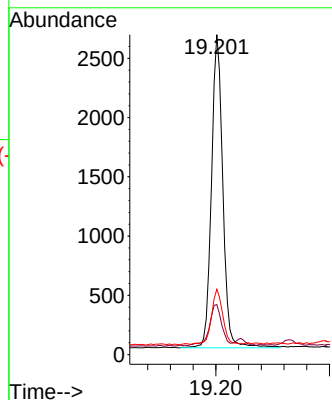
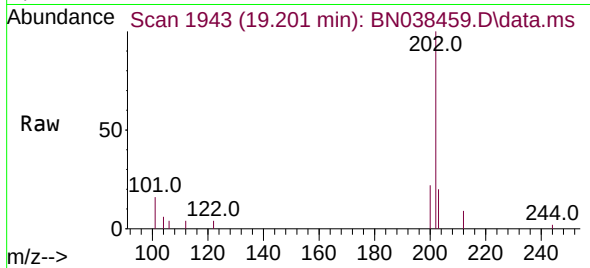




#28
Fluoranthene
Concen: 0.076 ng
RT: 19.201 min Scan# 1943
Delta R.T. -0.018 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

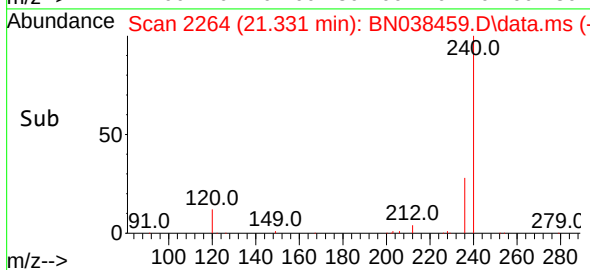
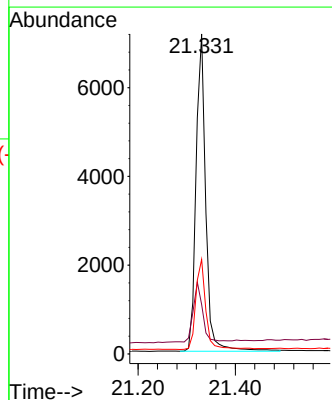
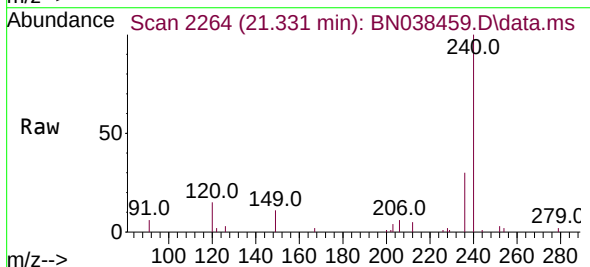
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225

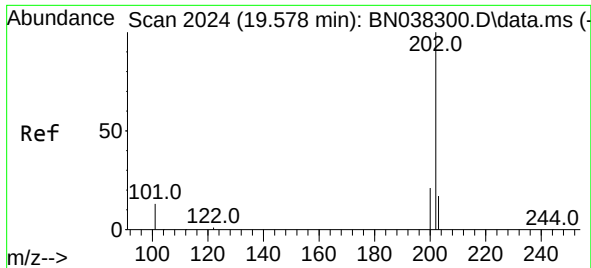
Tgt Ion:	202	Resp:	3653
Ion Ratio	Lower	Upper	
202	100		
101	14.1	9.6	14.4
203	17.4	13.5	20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

Tgt Ion:	240	Resp:	9904
Ion Ratio	Lower	Upper	
240	100		
120	15.4	15.4	23.2
236	29.5	23.9	35.9

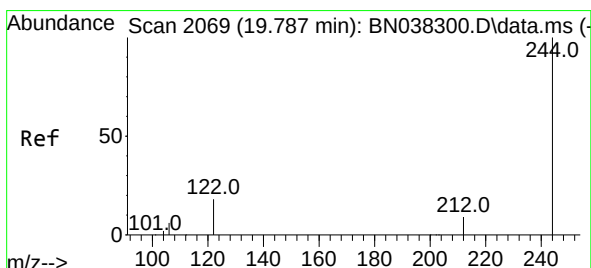
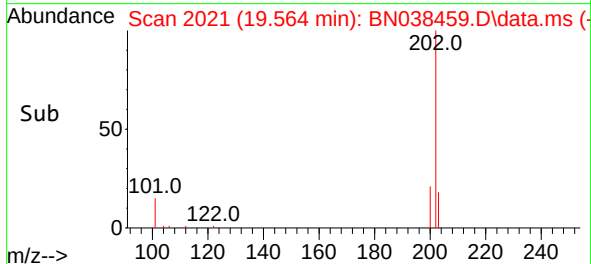
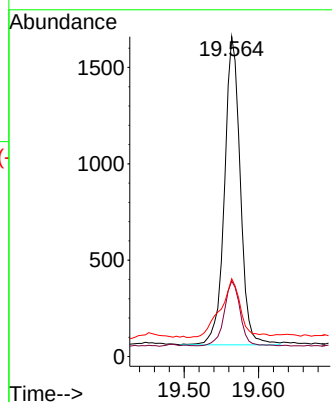
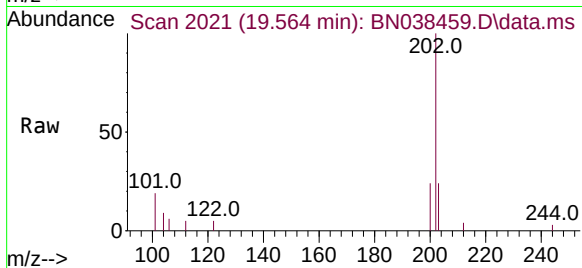




#30
Pyrene
Concen: 0.048 ng
RT: 19.564 min Scan# 2021
Delta R.T. -0.018 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

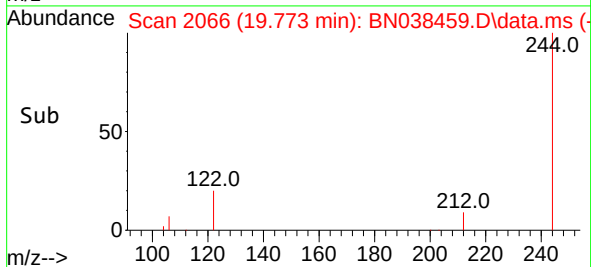
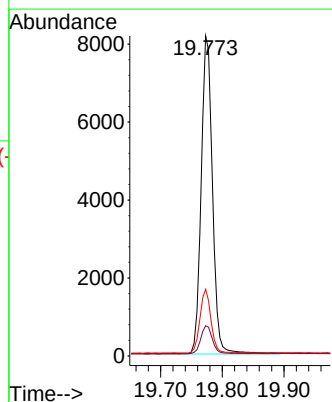
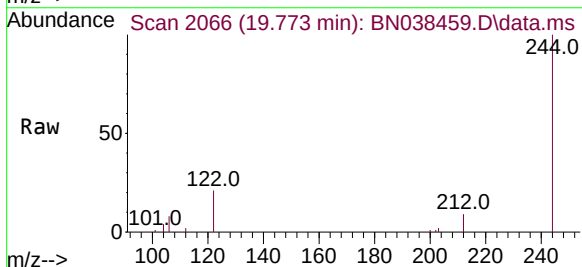
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-121225

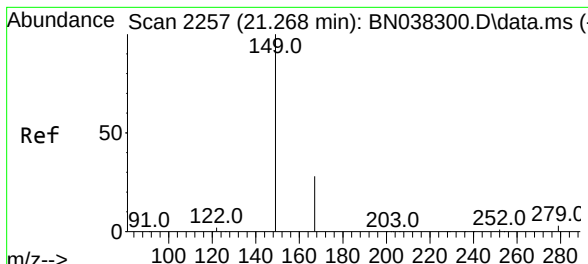
Tgt Ion:202	Resp:	2359
Ion Ratio	Lower	Upper
202	100	
200	21.4	16.9 25.3
203	24.4	14.2 21.2#



#31
Terphenyl-d14
Concen: 0.468 ng
RT: 19.773 min Scan# 2066
Delta R.T. -0.018 min
Lab File: BN038459.D
Acq: 17 Dec 2025 01:59

Tgt Ion:244	Resp:	10353
Ion Ratio	Lower	Upper
244	100	
212	9.4	7.9 11.9
122	20.8	15.0 22.6

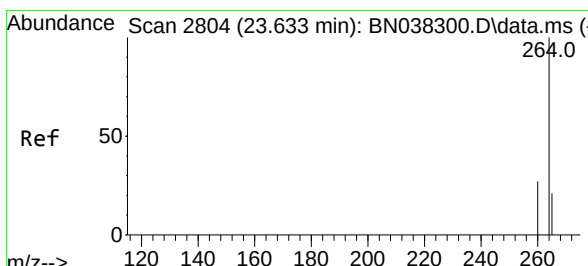
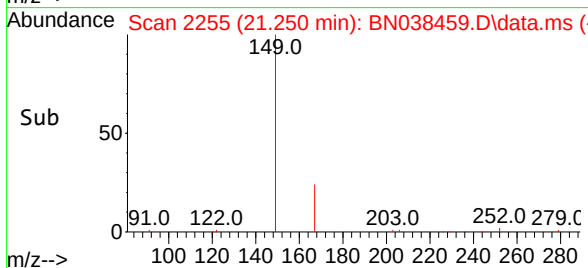
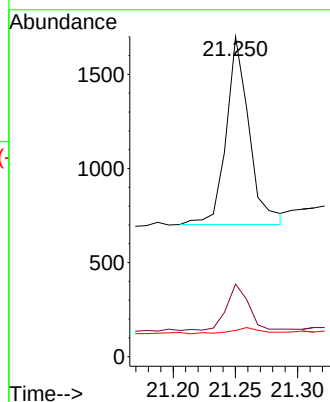
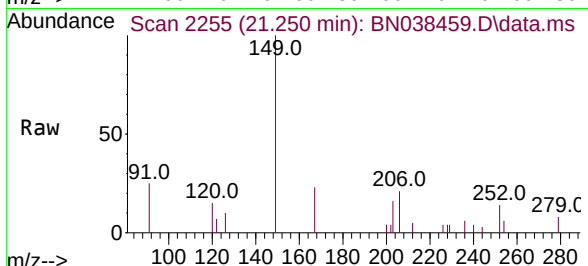




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.250 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN038459.D
 Acq: 17 Dec 2025 01:59

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55-121225

Tgt Ion:	149	Resp:	1279
Ion	Ratio	Lower	Upper
149	100		
167	24.0	21.4	32.0
279	4.5	2.4	3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.613 min Scan# 2797
 Delta R.T. -0.020 min
 Lab File: BN038459.D
 Acq: 17 Dec 2025 01:59

Tgt Ion:	264	Resp:	9884
Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.2	33.2
265	89.5	80.2	120.2

