

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038393.D
 Acq On : 13 Dec 2025 18:54
 Operator : RC/JU
 Sample : Q3839-25
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AT7

Quant Time: Dec 14 22:25:45 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)

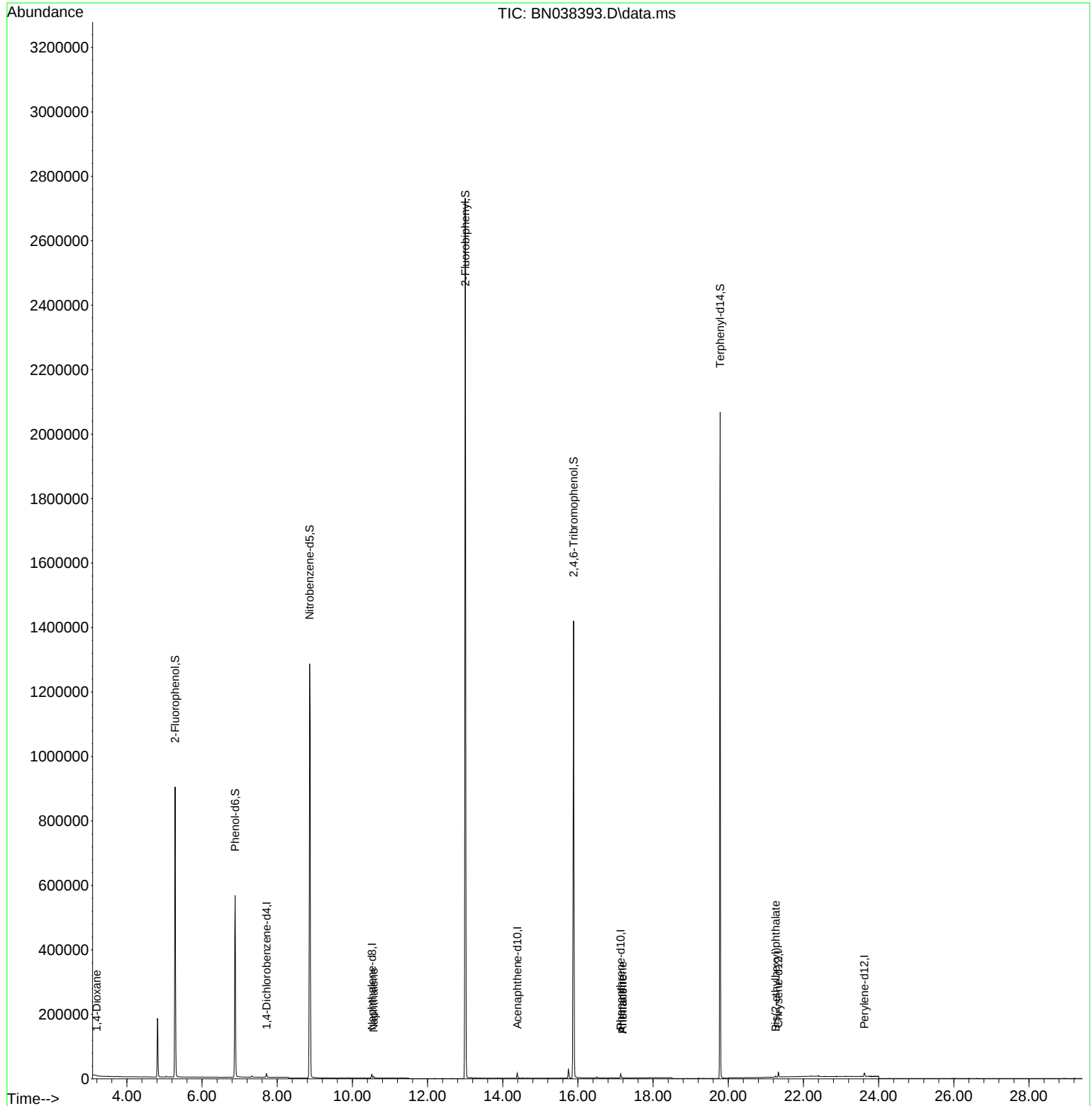
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5519	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	16070	0.400	ng	-0.01
13) Acenaphthene-d10	14.387	164	8671	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	16307	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	13803	0.400	ng	0.00
35) Perylene-d12	23.621	264	14869	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	675605	49.153	ng	0.00
5) Phenol-d6	6.879	99	502560	30.757	ng	0.00
8) Nitrobenzene-d5	8.864	82	986035	72.744	ng	-0.01
11) 2-Methylnaphthalene-d10	12.101	152	21	0.001	ng	-0.03
14) 2,4,6-Tribromophenol	15.882	330	754038	196.012	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	2867235	68.638	ng	0.00
27) Fluoranthene-d10	19.178	212	28	0.001	ng	0.00
31) Terphenyl-d14	19.782	244	1905922	61.873	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	448	0.071	ng	# 25
9) Naphthalene	10.562	128	6207	0.131	ng	97
25) Phenanthrene	17.186	178	1795	0.032	ng	94
26) Anthracene	17.186	178	1795	0.037	ng	97
34) Bis(2-ethylhexyl)phtha...	21.259	149	3311	0.113	ng	# 97

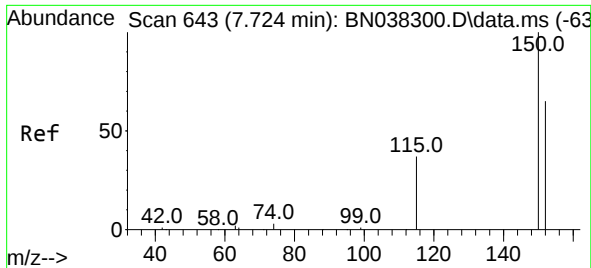
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038393.D
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Operator : RC/JU
Sample : Q3839-25
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AT7

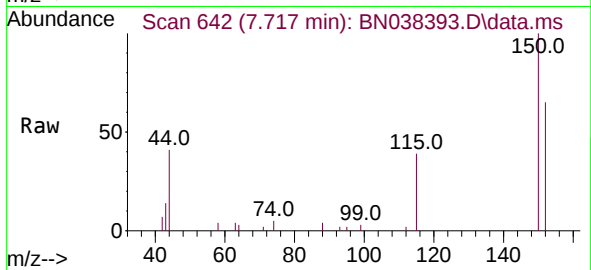
Quant Time: Dec 14 22:25:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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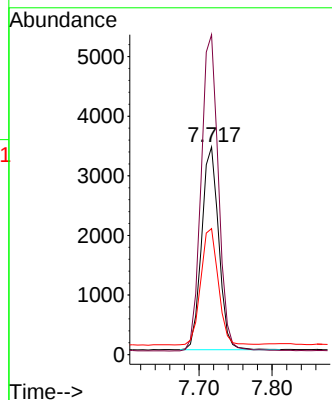
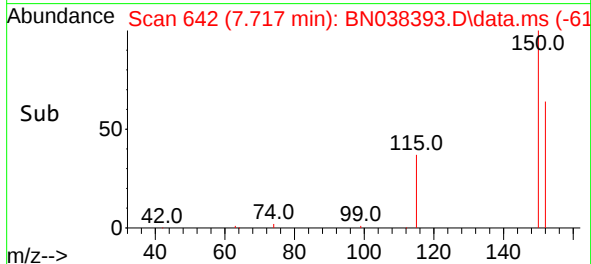


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN038393.D
 Acq: 13 Dec 2025 18:54

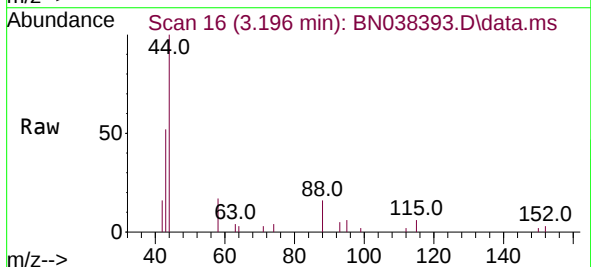
Instrument :
 BNA_N
 ClientSampleId :
 C0AT7



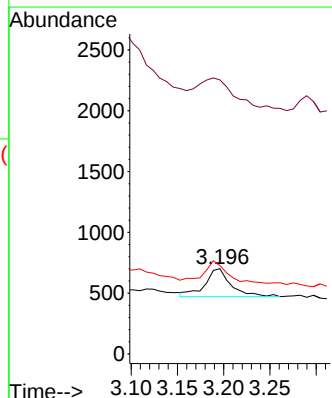
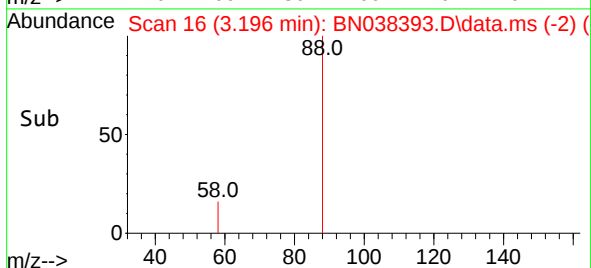
Tgt Ion:152 Resp: 5519
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.4 183.6
 115 60.7 47.3 70.9

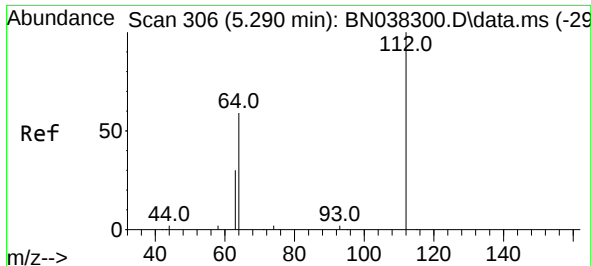


#2
 1,4-Dioxane
 Concen: 0.071 ng
 RT: 3.196 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: BN038393.D
 Acq: 13 Dec 2025 18:54



Tgt Ion: 88 Resp: 448
 Ion Ratio Lower Upper
 88 100
 43 149.8 24.9 37.3#
 58 60.9 61.4 92.0#

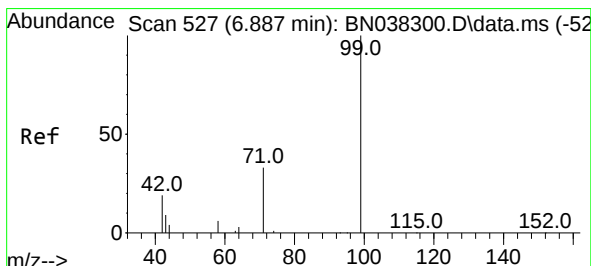
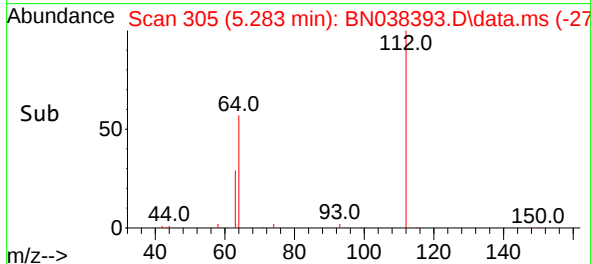
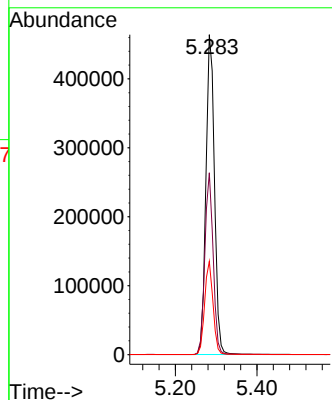
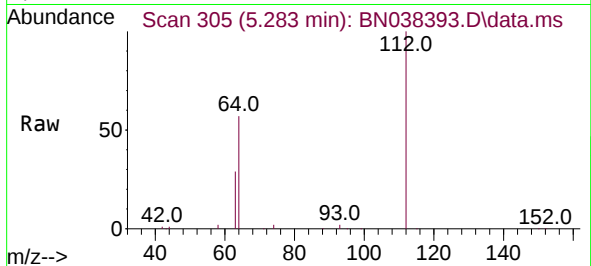




#4
2-Fluorophenol
Concen: 49.153 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

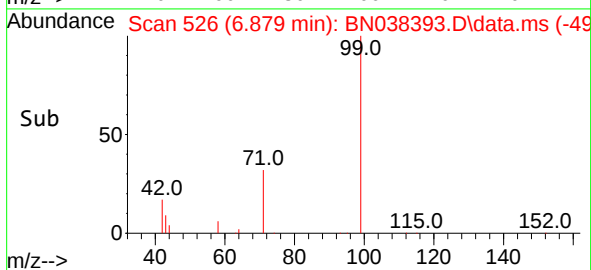
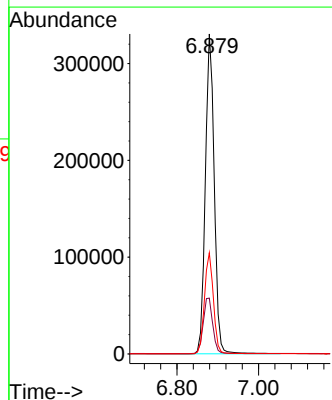
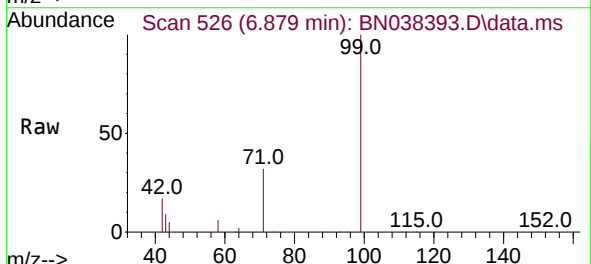
Instrument :
BNA_N
ClientSampleId :
C0AT7

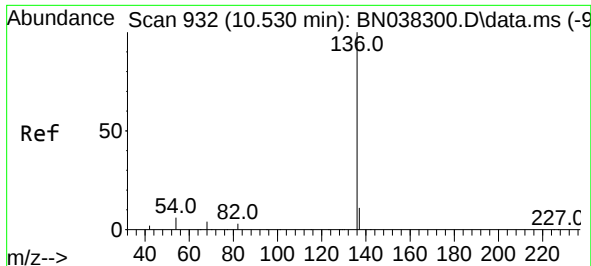
Tgt Ion:112 Resp: 675605
Ion Ratio Lower Upper
112 100
64 55.6 44.4 66.6
63 28.7 23.4 35.0



#5
Phenol-d6
Concen: 30.757 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

Tgt Ion: 99 Resp: 502560
Ion Ratio Lower Upper
99 100
42 18.6 16.5 24.7
71 31.5 24.9 37.3

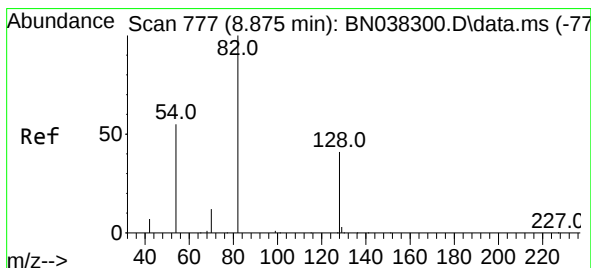
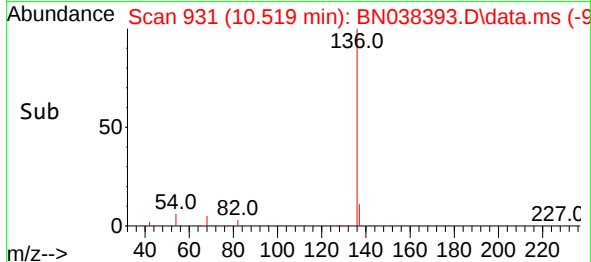
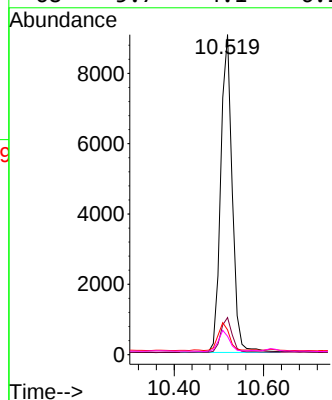
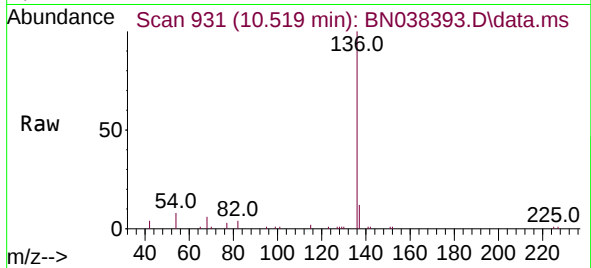




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

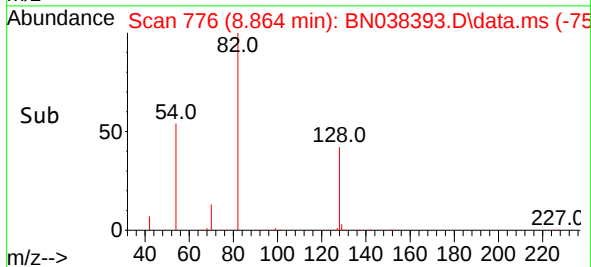
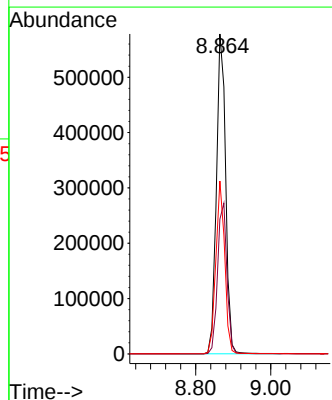
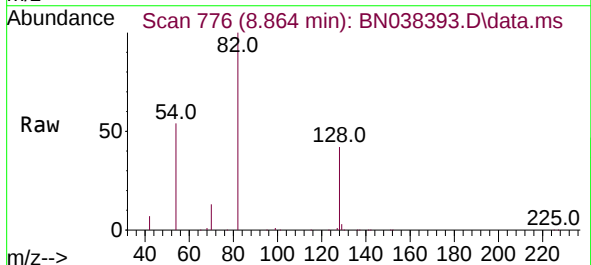
Instrument :
BNA_N
ClientSampleId :
C0AT7

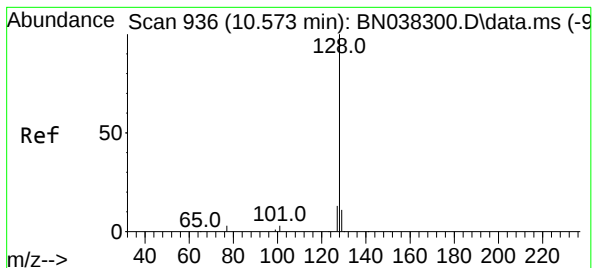
Tgt Ion:136	Resp:	16070
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	7.7	5.2 7.8
68	5.7	4.1 6.1



#8
Nitrobenzene-d5
Concen: 72.744 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

Tgt Ion: 82	Resp:	986035
Ion Ratio	Lower	Upper
82	100	
128	42.1	34.0 51.0
54	54.0	44.4 66.6





#9

Naphthalene

Concen: 0.131 ng

RT: 10.562 min Scan# 936

Delta R.T. -0.011 min

Lab File: BN038393.D

Acq: 13 Dec 2025 18:54

Instrument :

BNA_N

ClientSampleId :

C0AT7

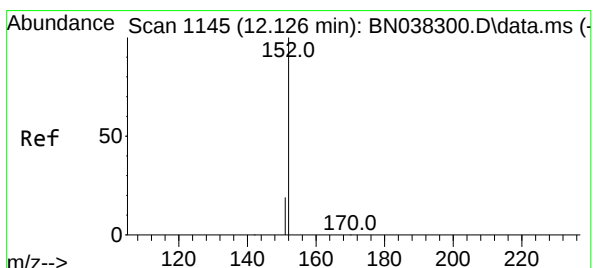
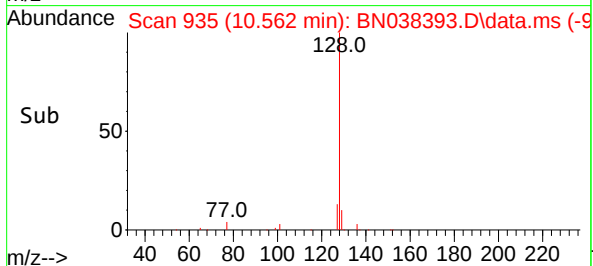
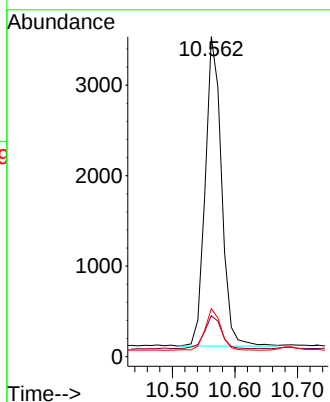
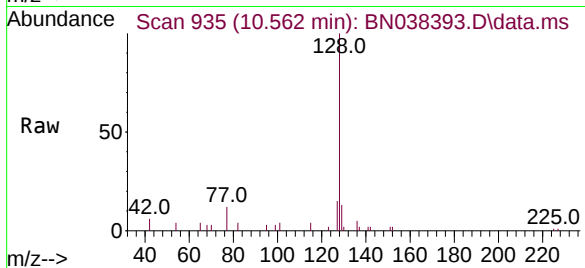
Tgt Ion:128 Resp: 6207

Ion Ratio Lower Upper

128 100

129 12.8 9.1 13.7

127 15.0 10.9 16.3



#11

2-Methylnaphthalene-d10

Concen: 0.001 ng

RT: 12.101 min Scan# 1140

Delta R.T. -0.025 min

Lab File: BN038393.D

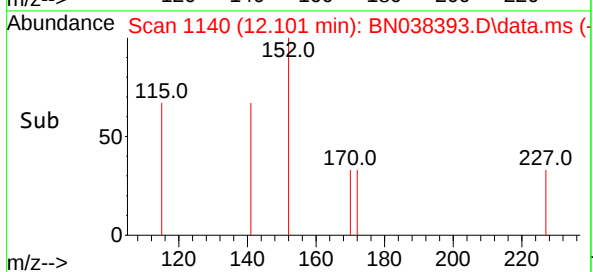
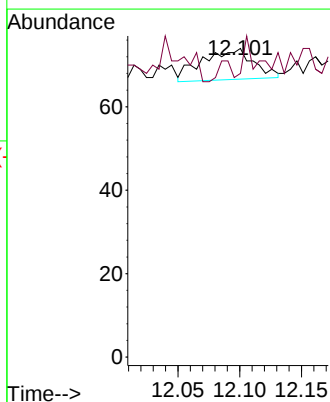
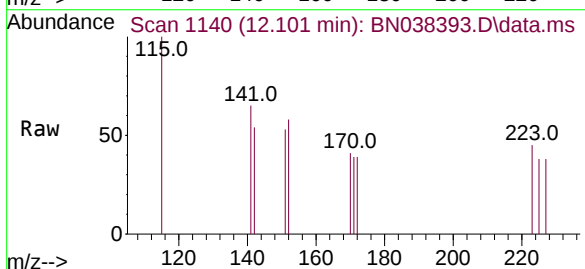
Acq: 13 Dec 2025 18:54

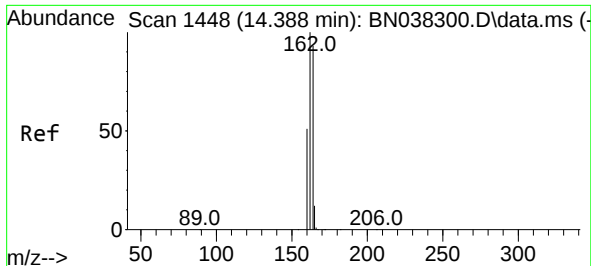
Tgt Ion:152 Resp: 21

Ion Ratio Lower Upper

152 100

151 28.6 17.0 25.6#

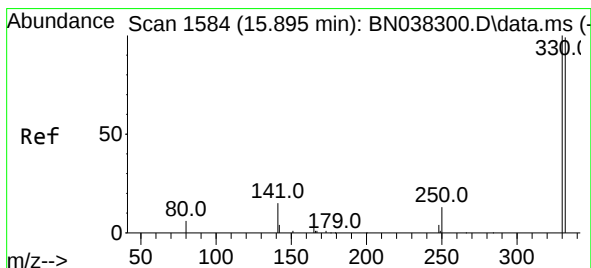
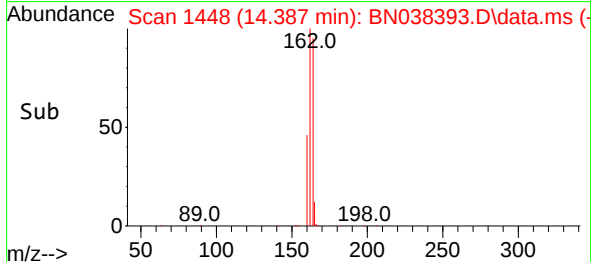
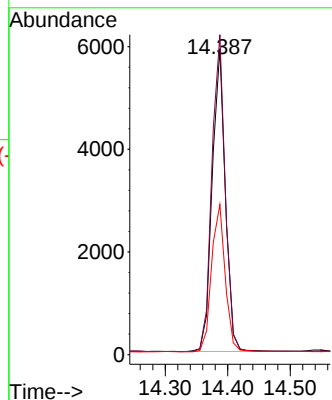
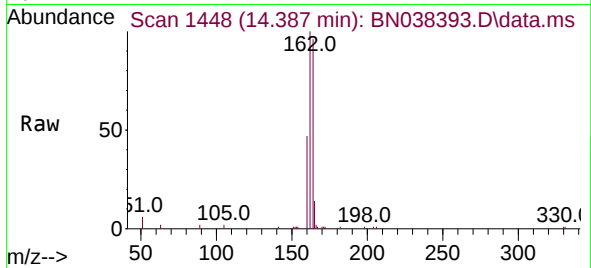




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

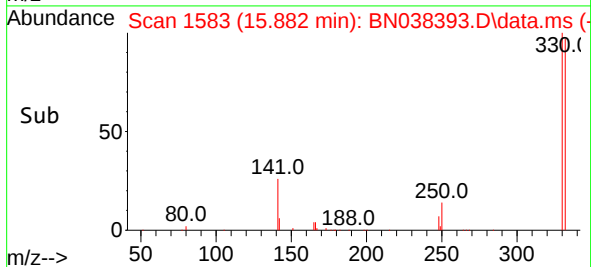
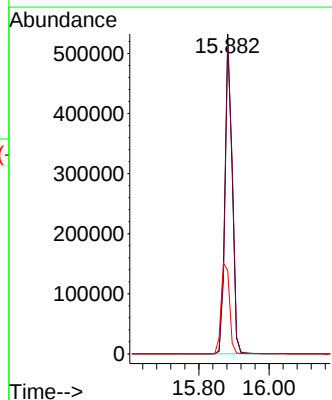
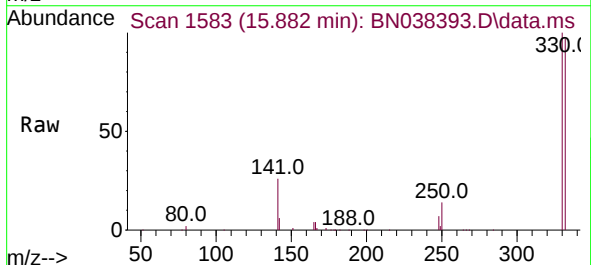
Instrument :
BNA_N
ClientSampleId :
C0AT7

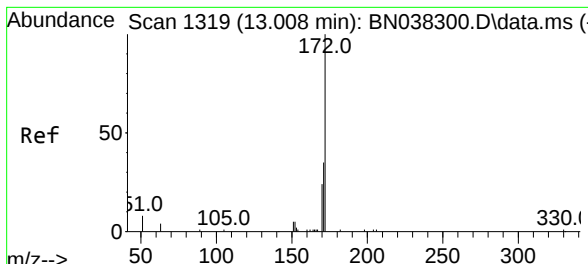
Tgt Ion:164 Resp: 8671
Ion Ratio Lower Upper
164 100
162 104.6 86.2 129.4
160 49.0 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 196.012 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

Tgt Ion:330 Resp: 754038
Ion Ratio Lower Upper
330 100
332 98.5 75.8 113.6
141 33.4 31.8 47.8



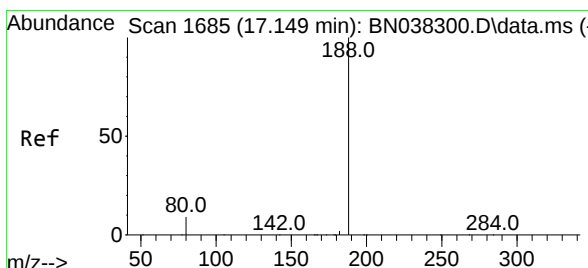
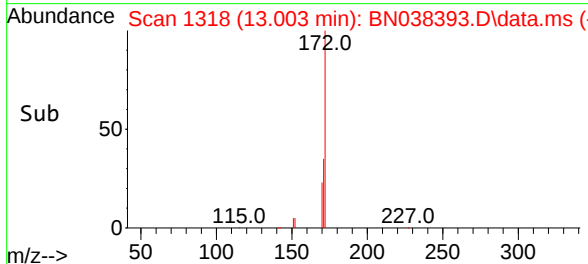
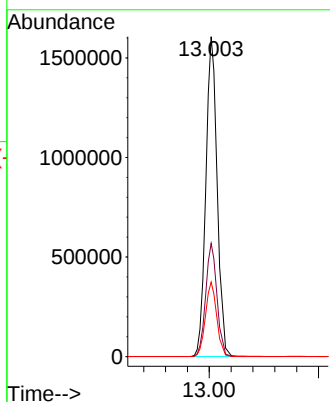
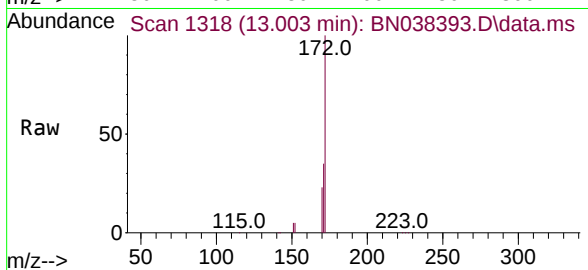


#15
2-Fluorobiphenyl
Concen: 68.638 ng
RT: 13.003 min Scan# 1319
Delta R.T. -0.005 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

Instrument :
BNA_N
ClientSampleId :
C0AT7

Tgt Ion:172 Resp: 2867235

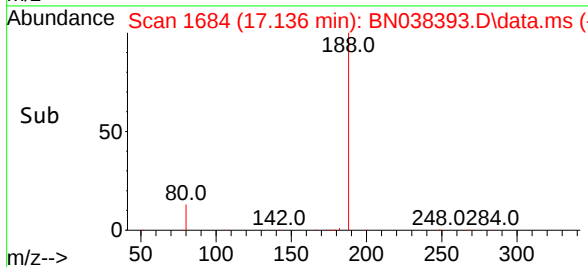
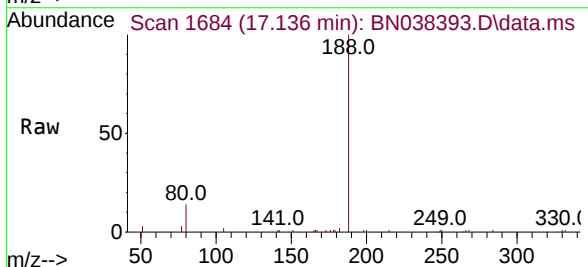
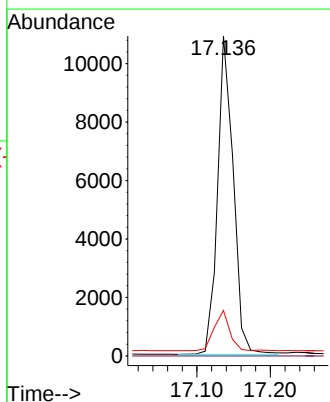
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.3	19.3	28.9

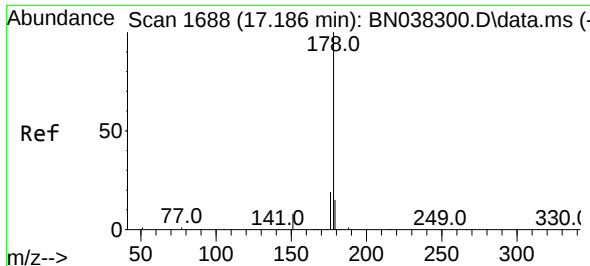


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

Tgt Ion:188 Resp: 16307

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	7.4	11.0

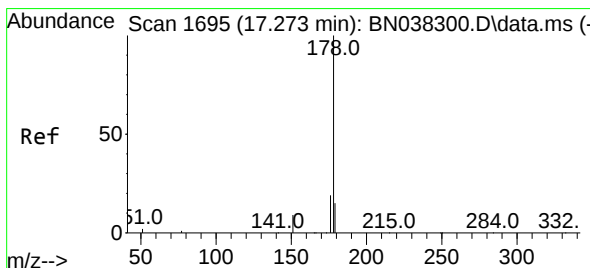
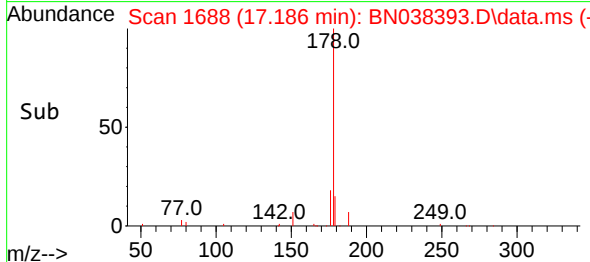
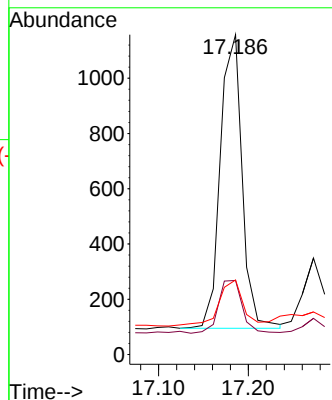
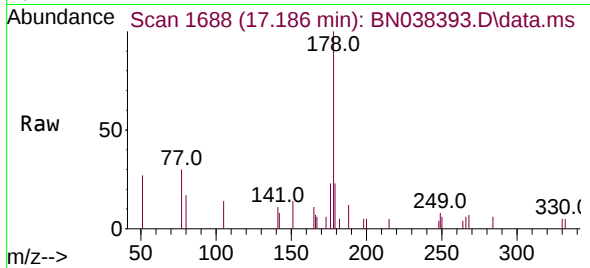




#25
Phenanthrene
Concen: 0.032 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

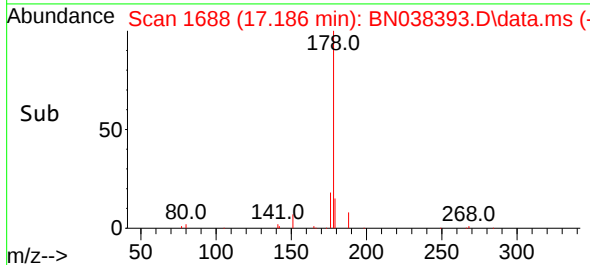
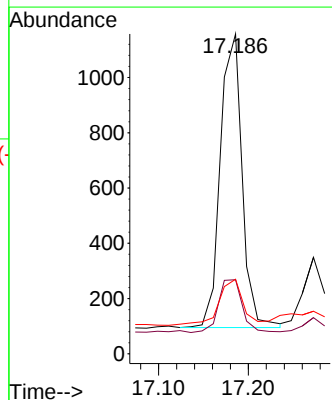
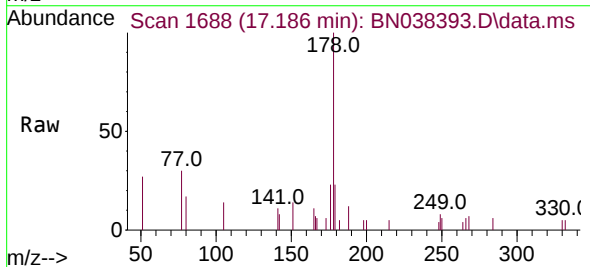
Instrument :
BNA_N
ClientSampleId :
C0AT7

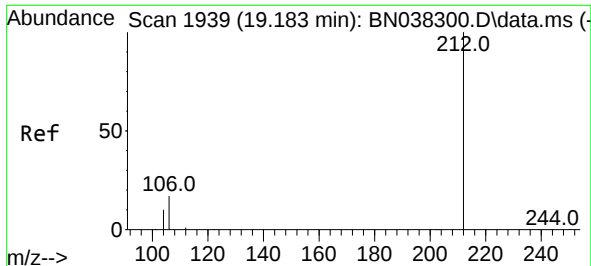
Tgt Ion:178 Resp: 1795
Ion Ratio Lower Upper
178 100
176 22.3 15.5 23.3
179 17.3 12.2 18.2



#26
Anthracene
Concen: 0.037 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.099 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

Tgt Ion:178 Resp: 1795
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 17.3 12.0 18.0

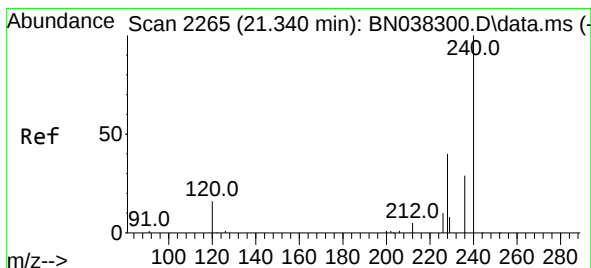
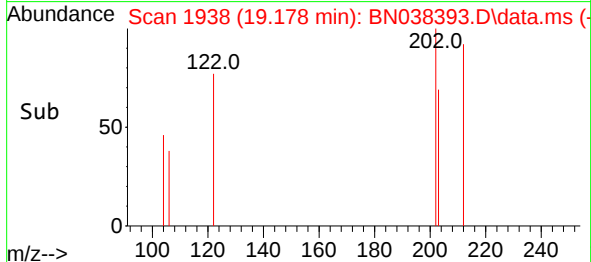
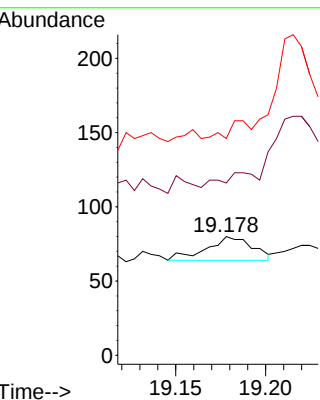
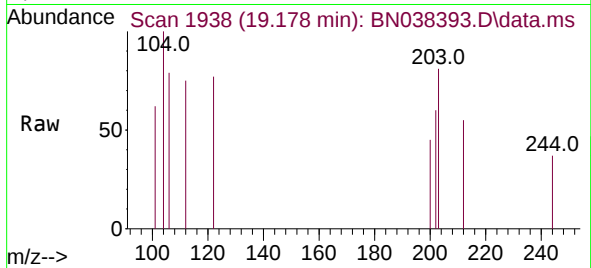




#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.178 min Scan# 1939
Delta R.T. -0.009 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

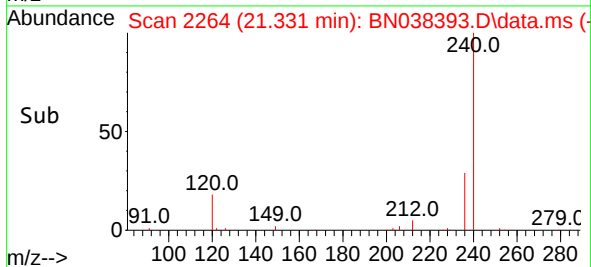
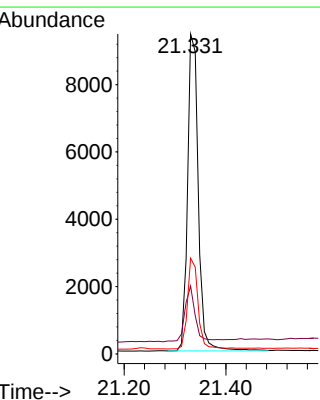
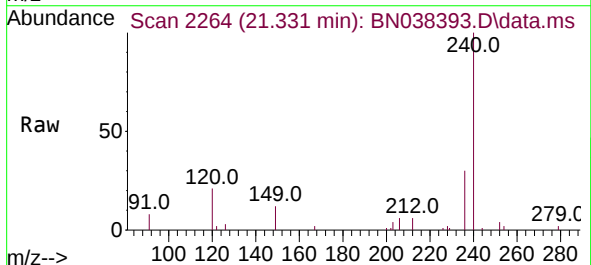
Instrument :
BNA_N
ClientSampleId :
C0AT7

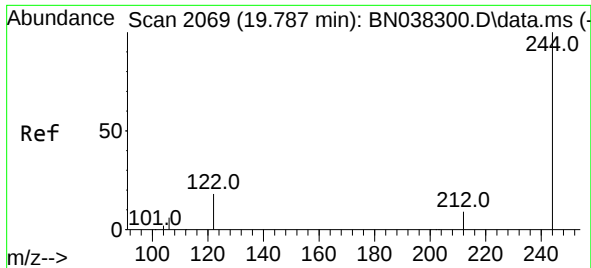
Tgt Ion:212 Resp: 28
Ion Ratio Lower Upper
212 100
106 0.0 13.7 20.5#
104 28.6 7.8 11.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

Tgt Ion:240 Resp: 13803
Ion Ratio Lower Upper
240 100
120 21.2 15.4 23.2
236 29.9 23.9 35.9

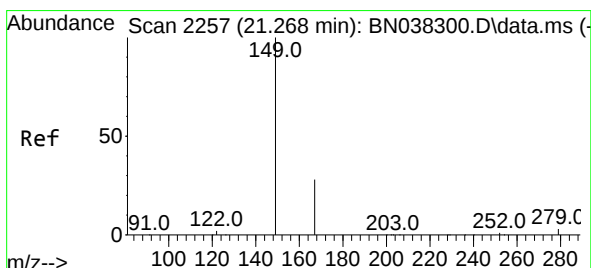
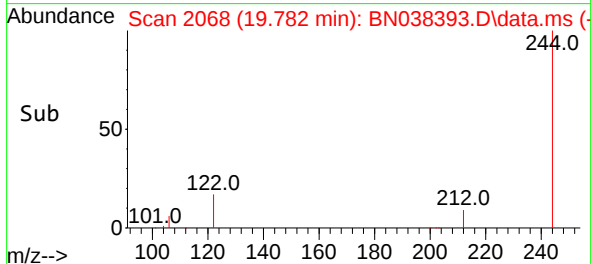
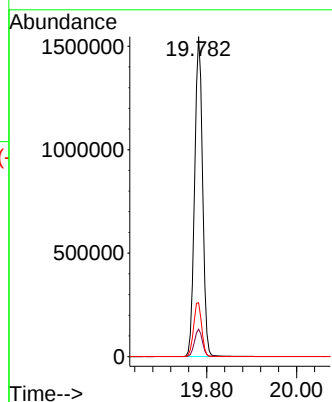
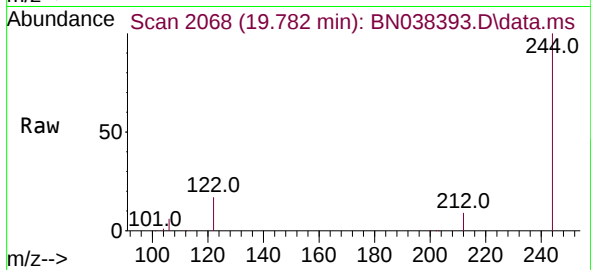




#31
 Terphenyl-d14
 Concen: 61.873 ng
 RT: 19.782 min Scan# 2069
 Delta R.T. -0.009 min
 Lab File: BN038393.D
 Acq: 13 Dec 2025 18:54

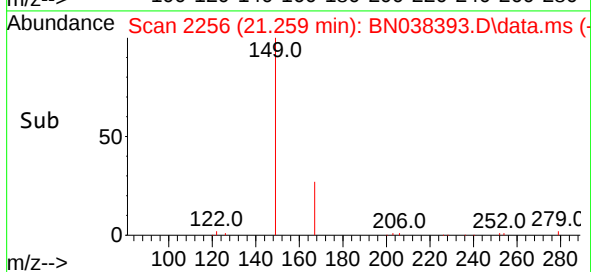
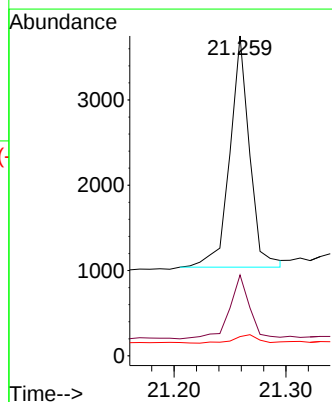
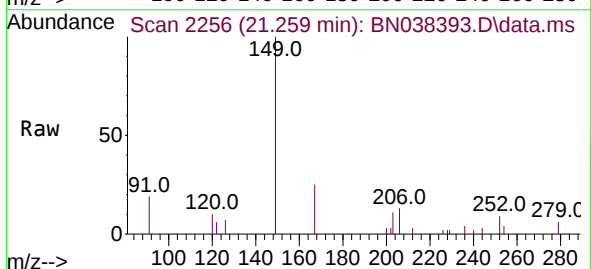
Instrument :
 BNA_N
 ClientSampleId :
 COAT7

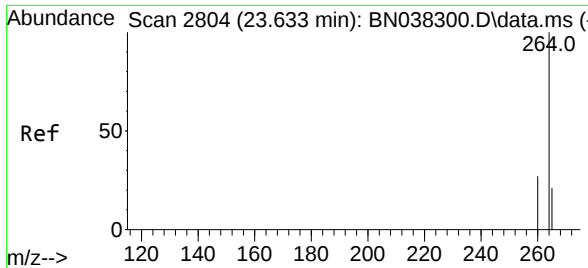
Tgt Ion:244 Resp: 1905922
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.9 11.9
 122 16.8 15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. -0.009 min
 Lab File: BN038393.D
 Acq: 13 Dec 2025 18:54

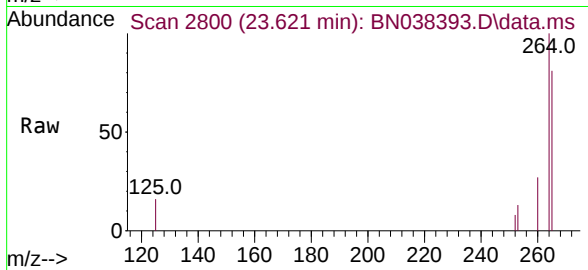
Tgt Ion:149 Resp: 3311
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.4 32.0
 279 4.6 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.621 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

Instrument :
BNA_N
ClientSampleId :
C0AT7



Tgt Ion:264 Resp: 14869

Ion	Ratio	Lower	Upper
264	100		
260	26.5	22.2	33.2
265	81.1	80.2	120.2

