

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038246.D
 Acq On : 02 Dec 2025 03:32
 Operator : RC/JU
 Sample : Q3692-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20251118

Quant Time: Dec 02 04:34:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

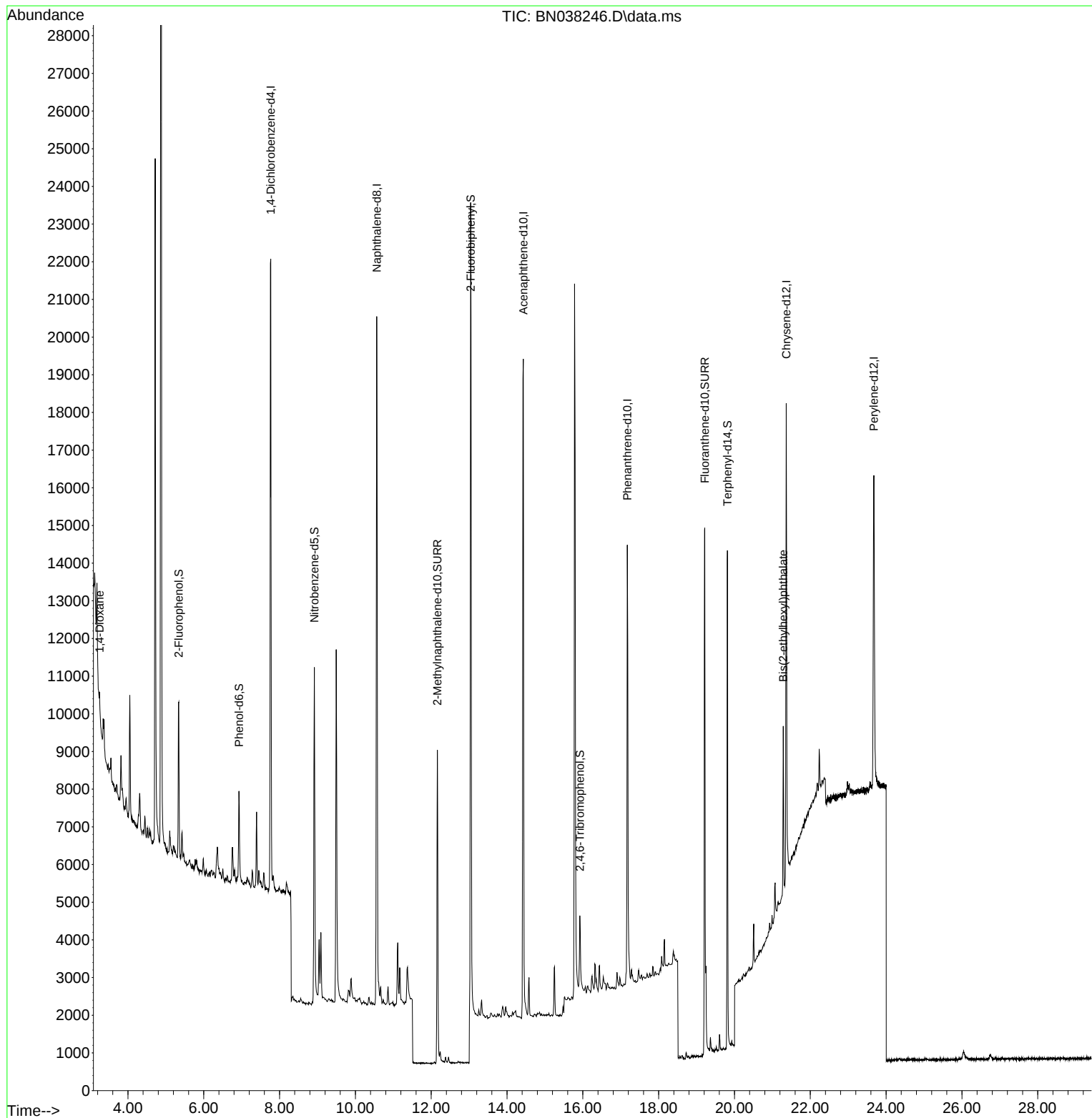
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8792	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	25505	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	11536	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	17772	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	12595	0.400	ng	0.00
35) Perylene-d12	23.677	264	12949	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3567	0.174	ng	0.00
5) Phenol-d6	6.930	99	2428	0.095	ng	0.00
8) Nitrobenzene-d5	8.918	82	7768	0.381	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	12036	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1374	0.379	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	19527	0.438	ng	-0.01
27) Fluoranthene-d10	19.215	212	16404	0.426	ng	0.00
31) Terphenyl-d14	19.815	244	13111	0.451	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	342	0.037	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.286	149	4320	0.185	ng	# 96

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

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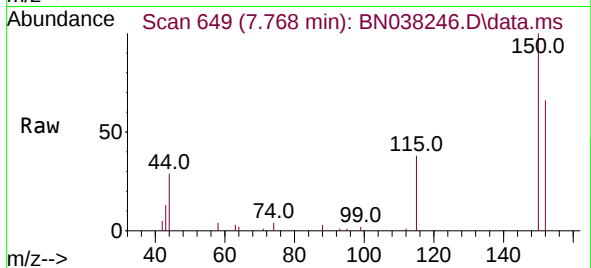
Quant Time: Dec 02 04:34:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
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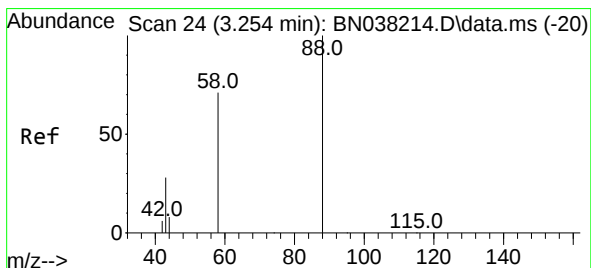
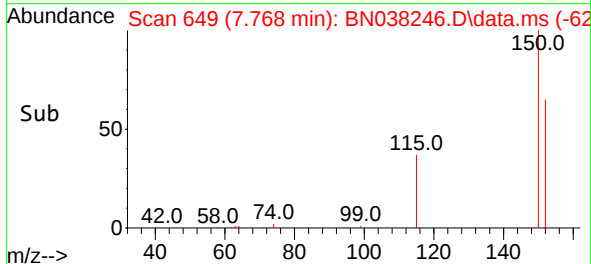
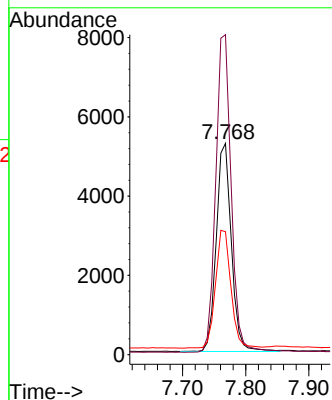


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN038246.D
 Acq: 02 Dec 2025 03:32

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20251118

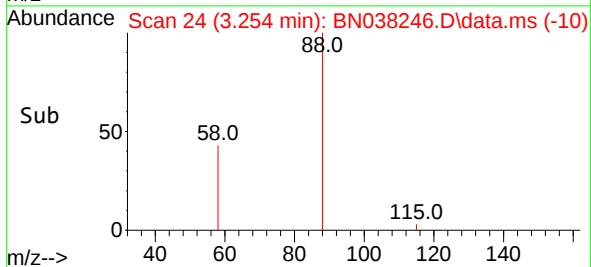
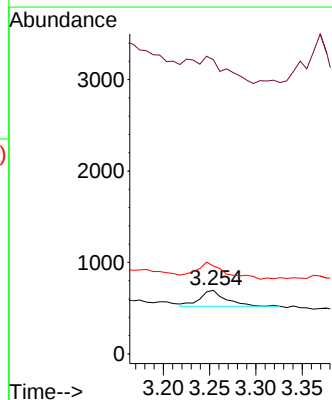
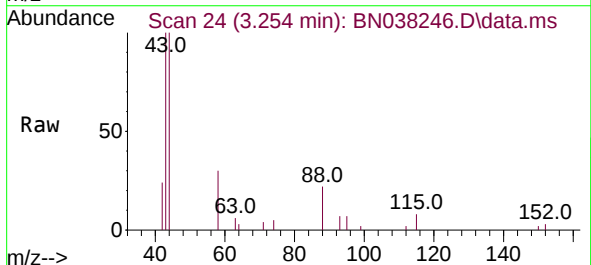


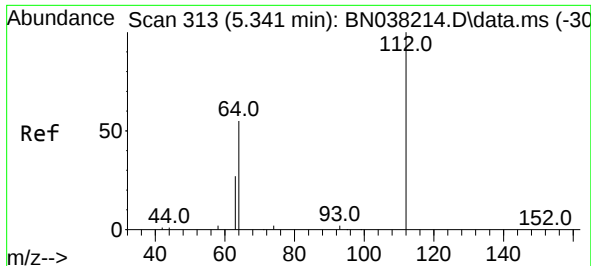
Tgt Ion:152 Resp: 8792
 Ion Ratio Lower Upper
 152 100
 150 151.5 125.3 187.9
 115 58.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 0.037 ng
 RT: 3.254 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN038246.D
 Acq: 02 Dec 2025 03:32

Tgt Ion: 88 Resp: 342
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.8 37.2#
 58 109.6 61.1 91.7#

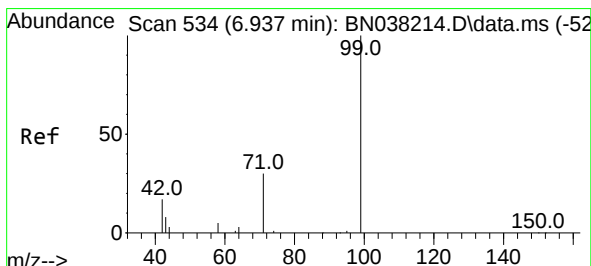
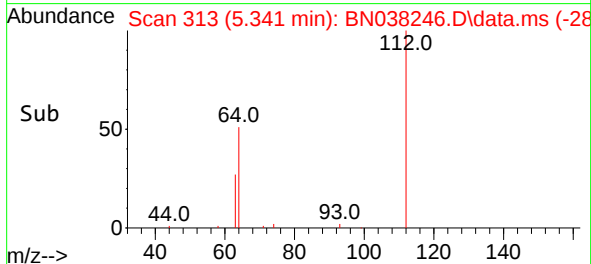
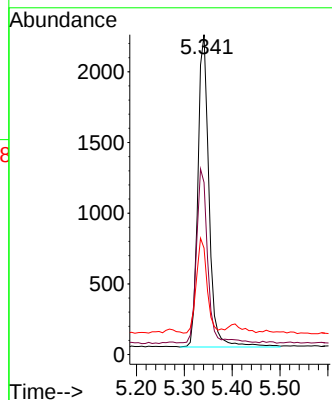
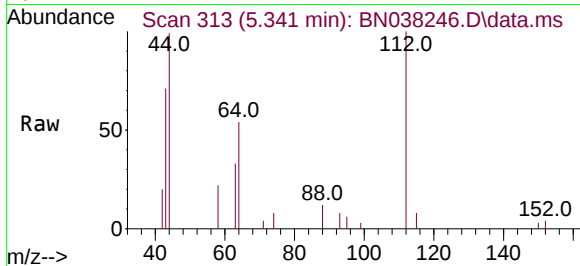




#4
2-Fluorophenol
Concen: 0.174 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN038246.D
Acq: 02 Dec 2025 03:32

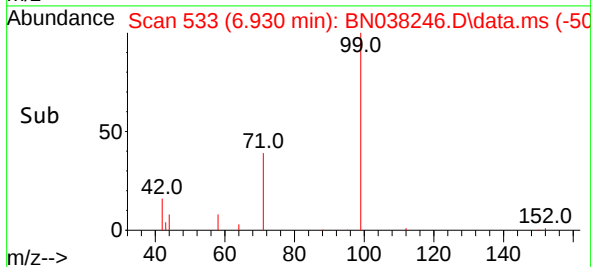
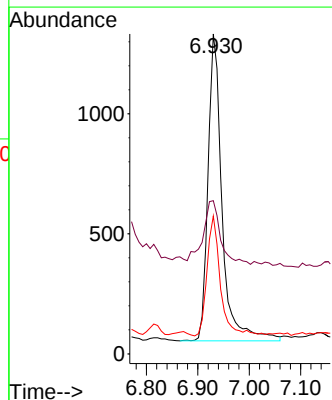
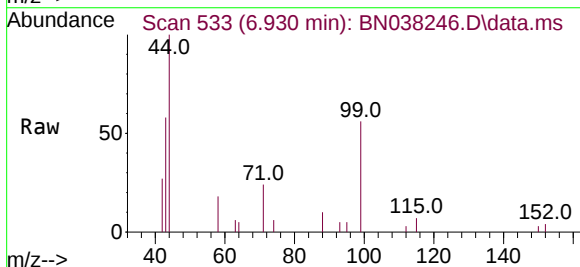
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20251118

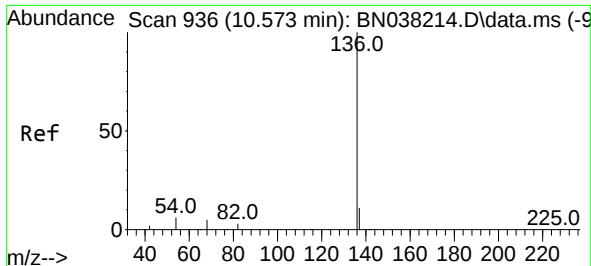
Tgt Ion:112 Resp: 3567
Ion Ratio Lower Upper
112 100
64 55.4 45.0 67.4
63 29.5 23.2 34.8



#5
Phenol-d6
Concen: 0.095 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN038246.D
Acq: 02 Dec 2025 03:32

Tgt Ion: 99 Resp: 2428
Ion Ratio Lower Upper
99 100
42 25.8 17.0 25.6#
71 37.4 25.4 38.2

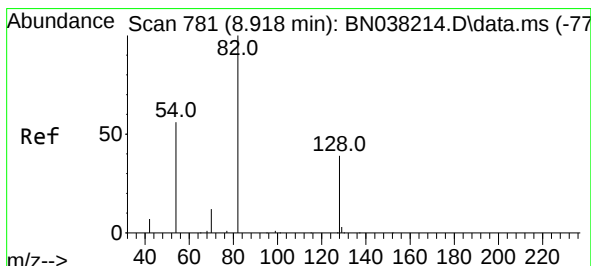
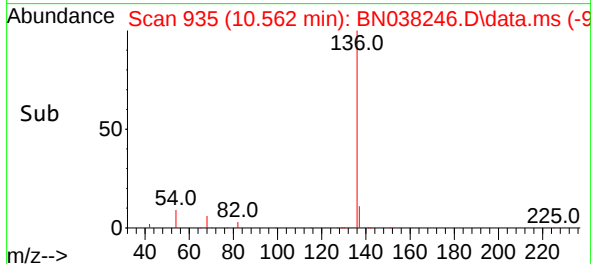
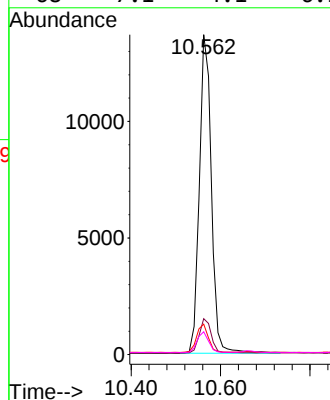
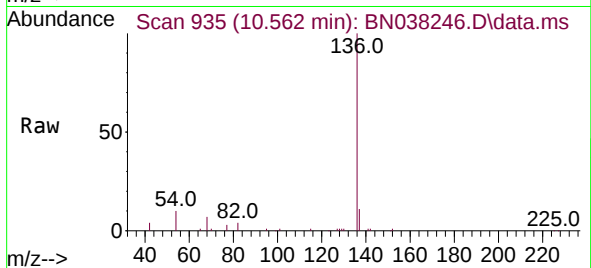




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN038246.D
Acq: 02 Dec 2025 03:32

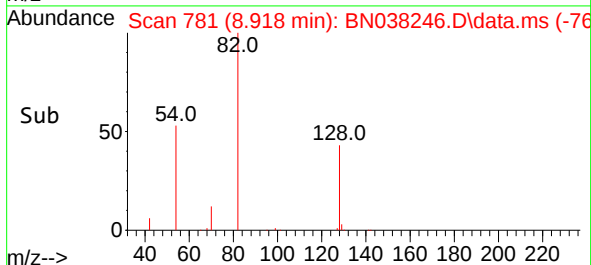
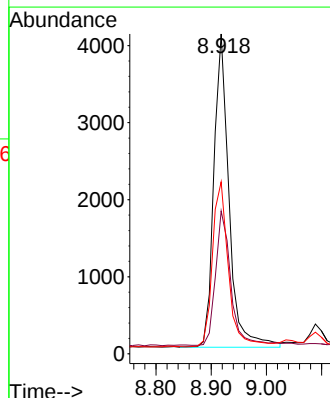
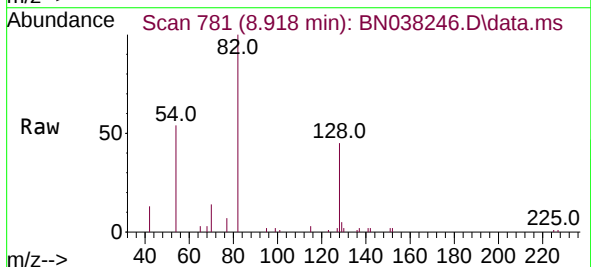
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20251118

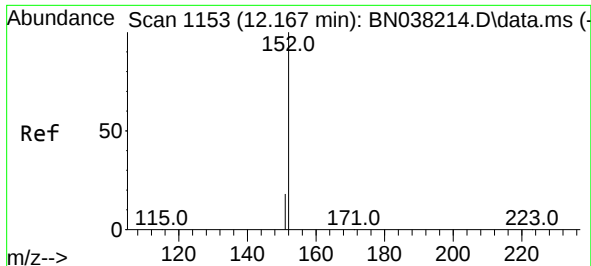
Tgt Ion:	136	Resp:	25505
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	9.5	5.4	8.0#
68	7.1	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038246.D
Acq: 02 Dec 2025 03:32

Tgt Ion:	82	Resp:	7768
Ion Ratio	Lower	Upper	
82	100		
128	44.7	32.6	48.8
54	53.8	45.4	68.0

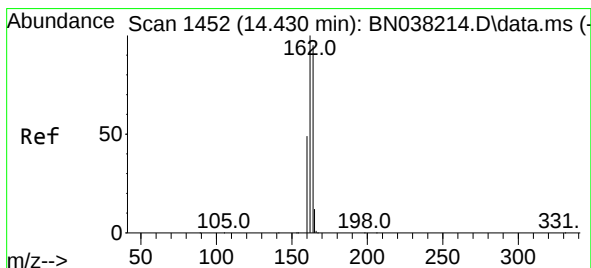
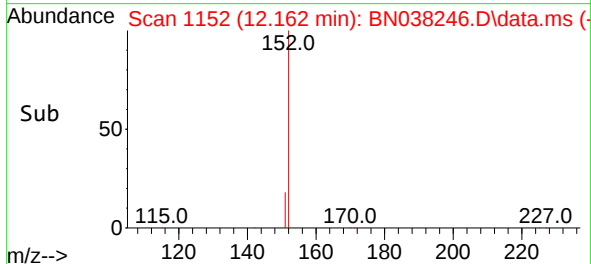
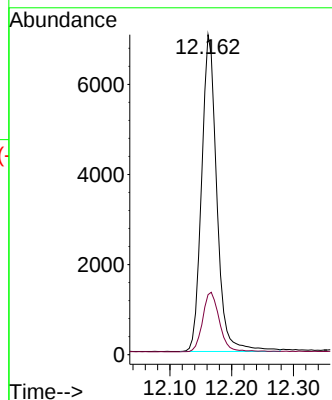
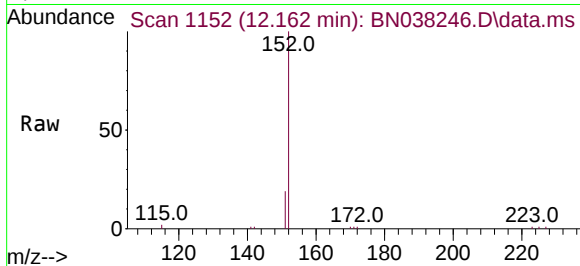




#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.162 min Scan# 1153
Delta R.T. -0.005 min
Lab File: BN038246.D
Acq: 02 Dec 2025 03:32

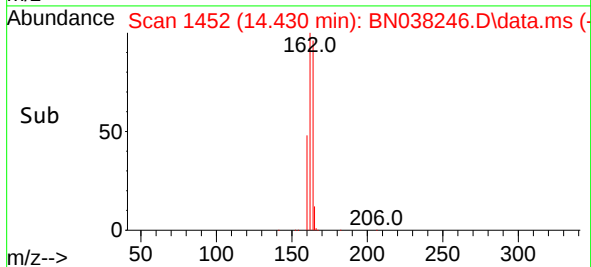
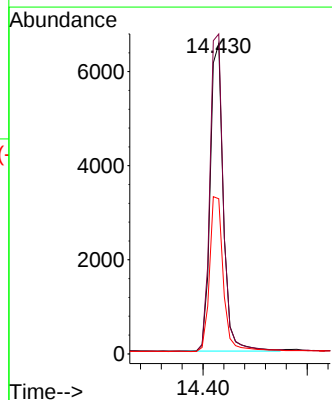
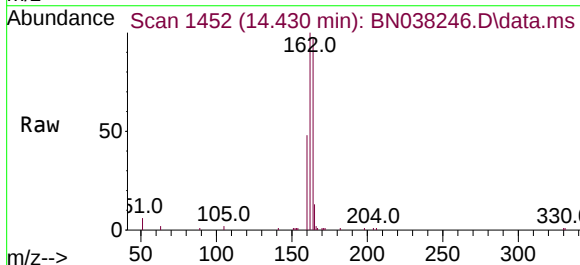
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20251118

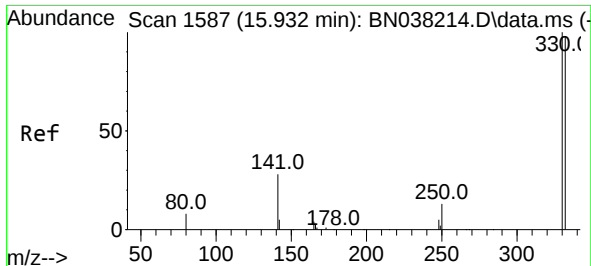
Tgt Ion:152 Resp: 12036
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038246.D
Acq: 02 Dec 2025 03:32

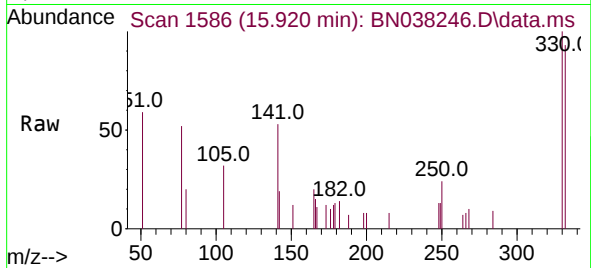
Tgt Ion:164 Resp: 11536
Ion Ratio Lower Upper
164 100
162 103.2 83.8 125.8
160 50.0 41.6 62.4



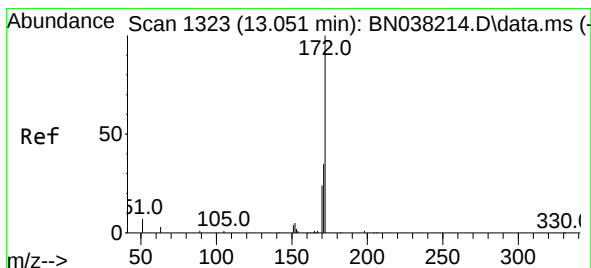
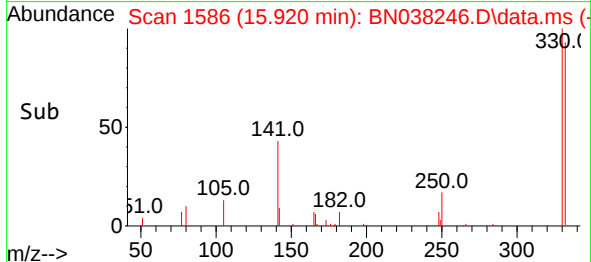
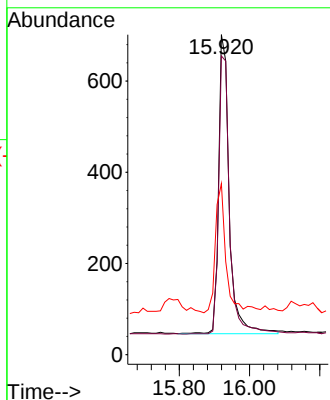


#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038246.D
Acq: 02 Dec 2025 03:32

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20251118

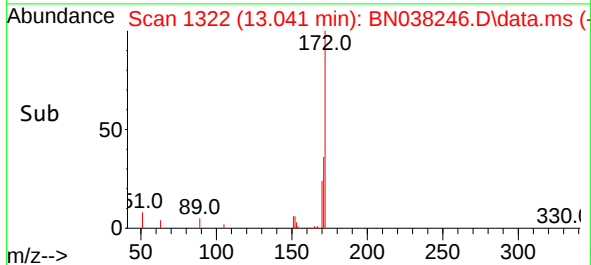
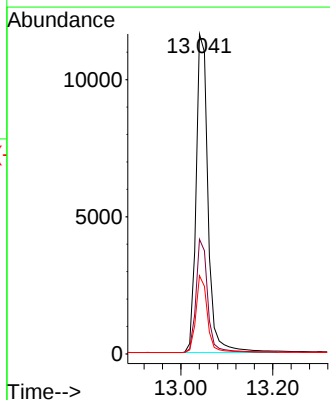
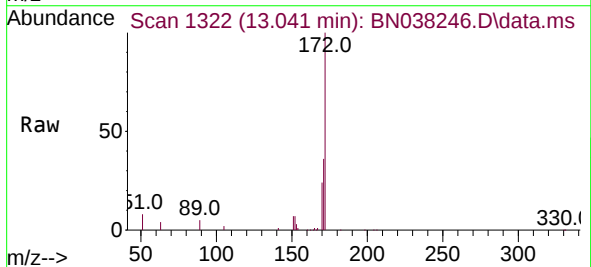


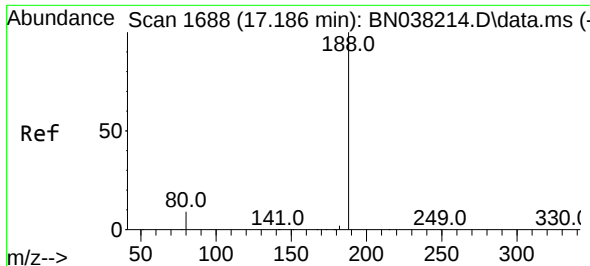
Tgt Ion:330 Resp: 1374
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.6
141 43.9 33.0 49.4



#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 13.041 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN038246.D
Acq: 02 Dec 2025 03:32

Tgt Ion:172 Resp: 19527
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 24.4 19.1 28.7

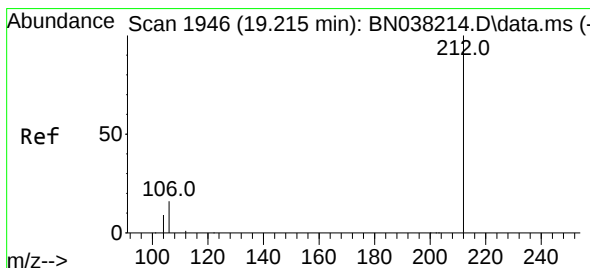
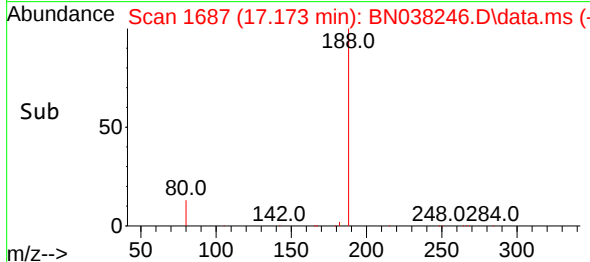
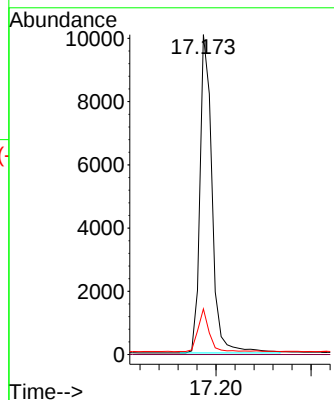
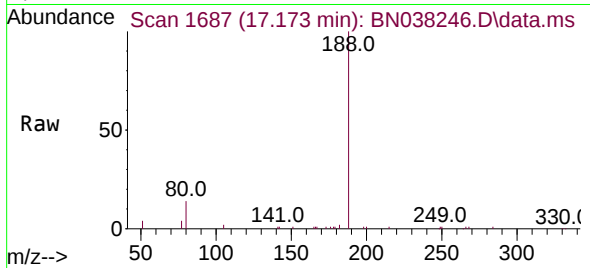




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1688
Delta R.T. -0.012 min
Lab File: BN038246.D
Acq: 02 Dec 2025 03:32

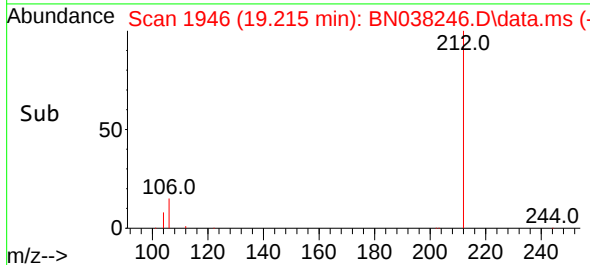
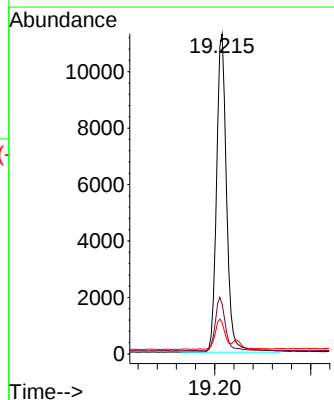
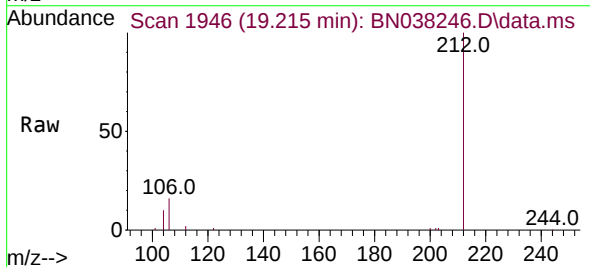
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20251118

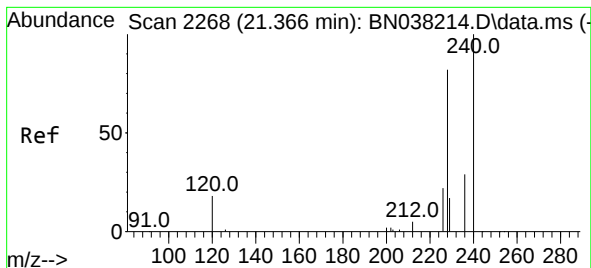
Tgt Ion:188 Resp: 17772
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 7.7 11.5#



#27
Fluoranthene-d10
Concen: 0.426 ng
RT: 19.215 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN038246.D
Acq: 02 Dec 2025 03:32

Tgt Ion:212 Resp: 16404
Ion Ratio Lower Upper
212 100
106 17.1 12.7 19.1
104 9.2 7.3 10.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.366 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN038246.D

Acq: 02 Dec 2025 03:32

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20251118

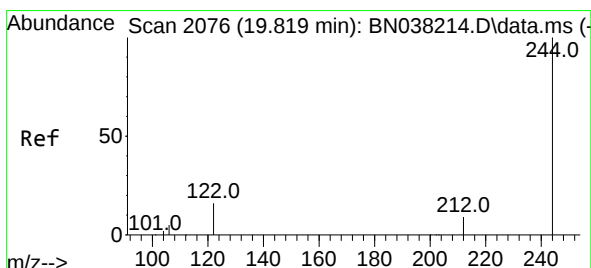
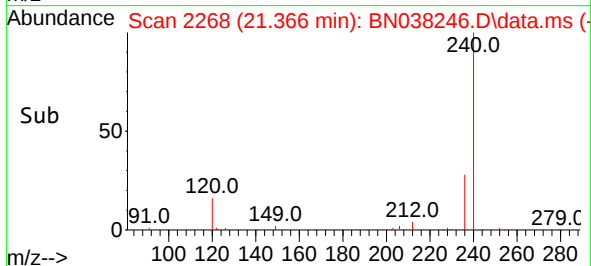
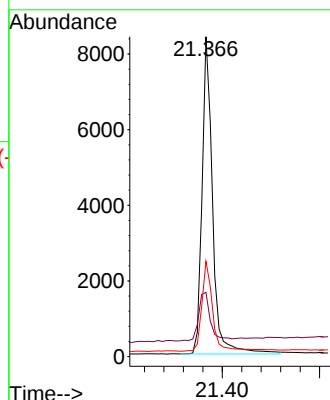
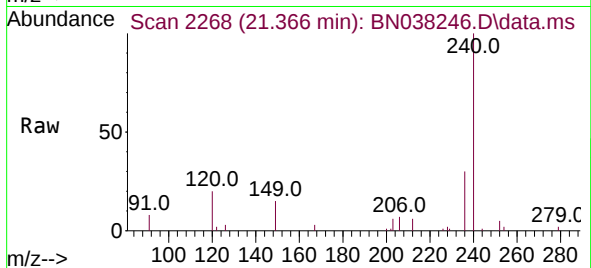
Tgt Ion:240 Resp: 12595

Ion Ratio Lower Upper

240 100

120 20.1 18.1 27.1

236 29.8 24.2 36.4



#31

Terphenyl-d14

Concen: 0.451 ng

RT: 19.815 min Scan# 2075

Delta R.T. -0.005 min

Lab File: BN038246.D

Acq: 02 Dec 2025 03:32

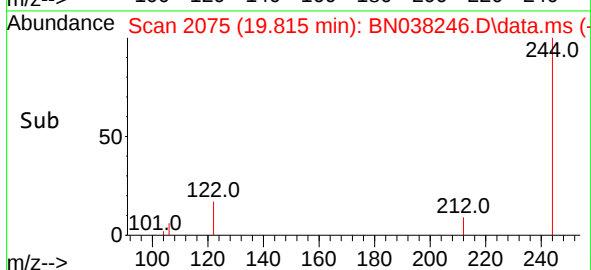
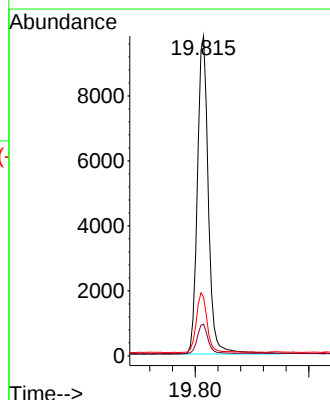
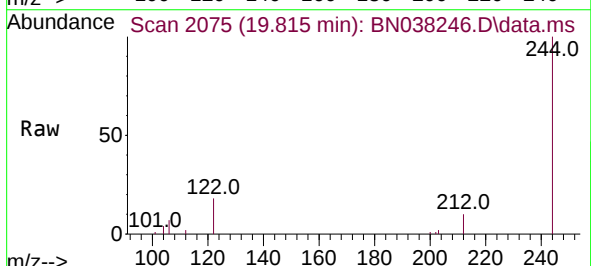
Tgt Ion:244 Resp: 13111

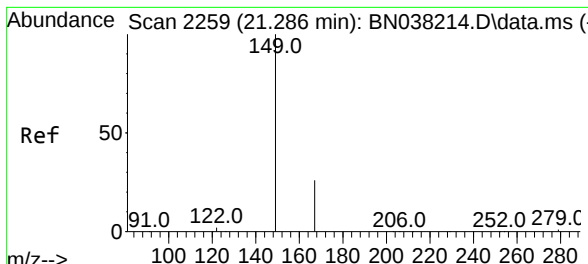
Ion Ratio Lower Upper

244 100

212 9.9 7.7 11.5

122 18.4 13.6 20.4

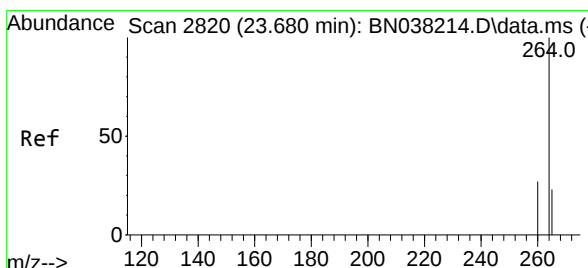
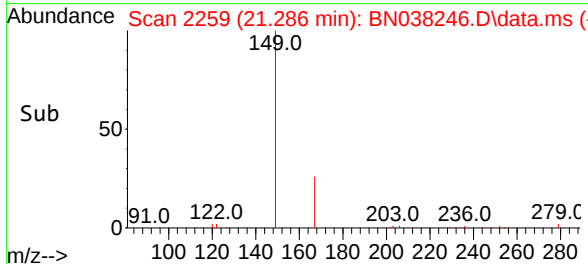
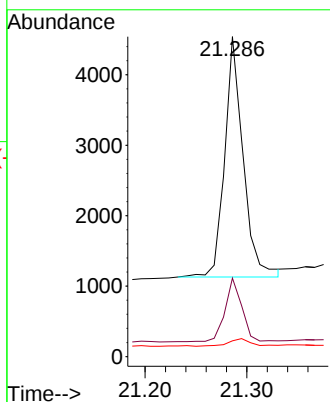
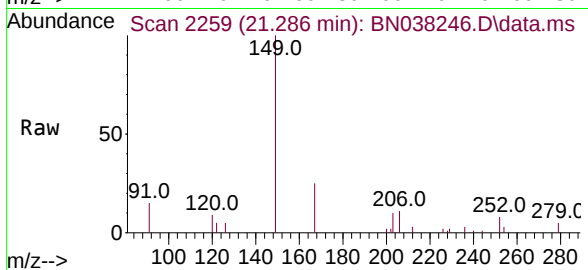




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.185 ng
 RT: 21.286 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN038246.D
 Acq: 02 Dec 2025 03:32

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20251118

Tgt Ion:	149	Resp:	4320
Ion Ratio	Lower	Upper	
149	100		
167	24.0	20.7	31.1
279	4.1	2.5	3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.677 min Scan# 2819
 Delta R.T. -0.003 min
 Lab File: BN038246.D
 Acq: 02 Dec 2025 03:32

Tgt Ion:	264	Resp:	12949
Ion Ratio	Lower	Upper	
264	100		
260	27.6	21.7	32.5
265	110.7	98.0	147.0

