

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038245.D
 Acq On : 02 Dec 2025 02:55
 Operator : RC/JU
 Sample : Q3692-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20251118

Quant Time: Dec 02 03:25:14 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)

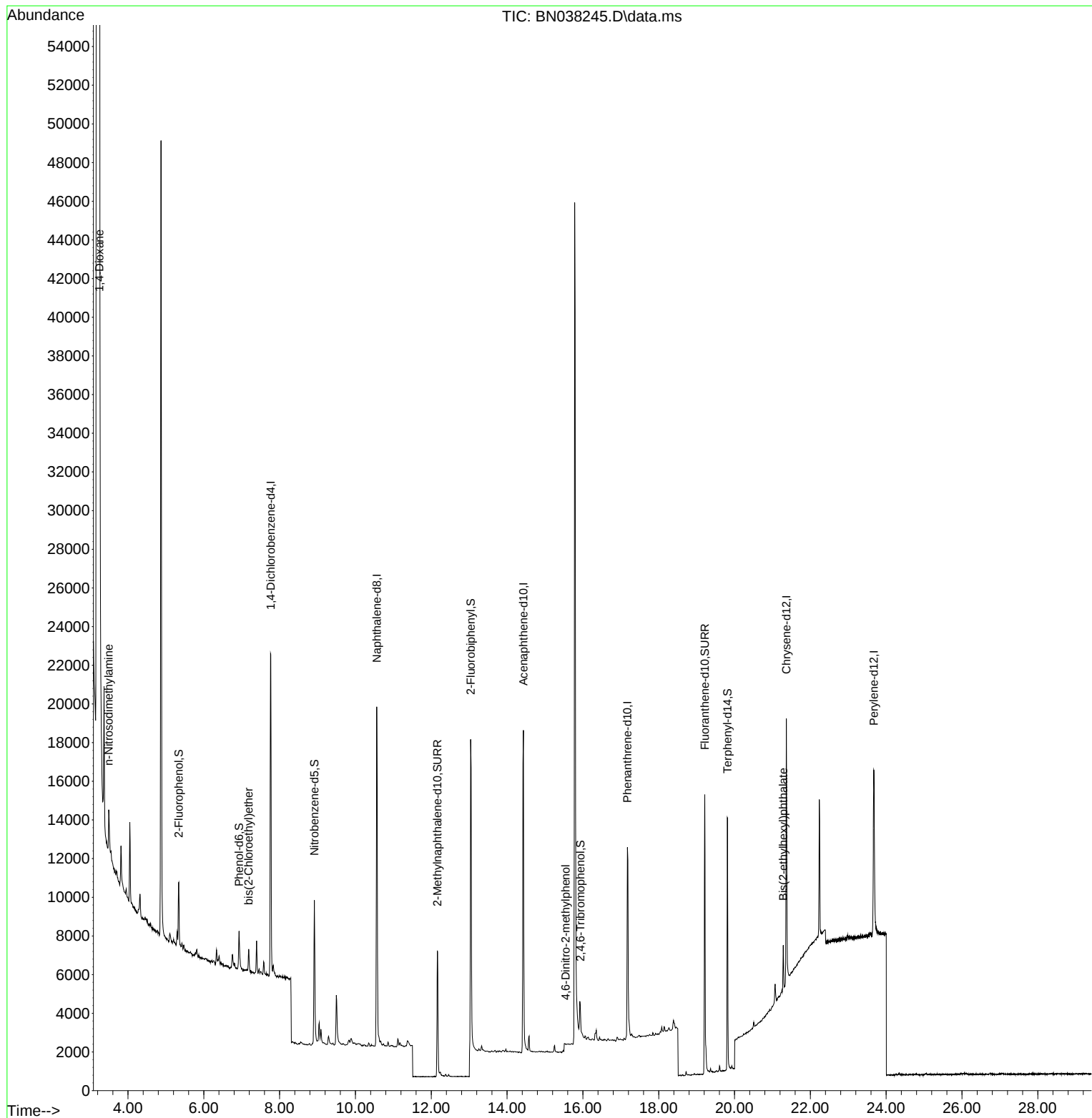
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8503	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	23841	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	10821	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	17177	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	13060	0.400	ng	0.00
35) Perylene-d12	23.674	264	13401	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	2818	0.142	ng	0.00
5) Phenol-d6	6.930	99	1899	0.076	ng	0.00
8) Nitrobenzene-d5	8.918	82	6594	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	9907	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1250	0.367	ng	0.00
15) 2-Fluorobiphenyl	13.041	172	15343	0.367	ng	-0.01
27) Fluoranthene-d10	19.215	212	16228	0.436	ng	0.00
31) Terphenyl-d14	19.815	244	13093	0.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	44228	4.938	ng	97
3) n-Nitrosodimethylamine	3.492	42	739	0.067	ng	# 1
6) bis(2-Chloroethyl)ether	7.183	93	973	0.041	ng	96
20) 4,6-Dinitro-2-methylph...	15.547	198	7	0.176	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.286	149	2610	0.108	ng	# 91

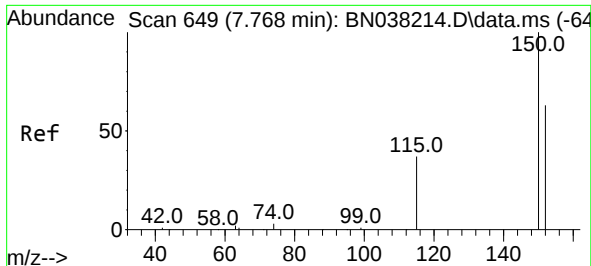
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038245.D
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RW5-SP100-20251118

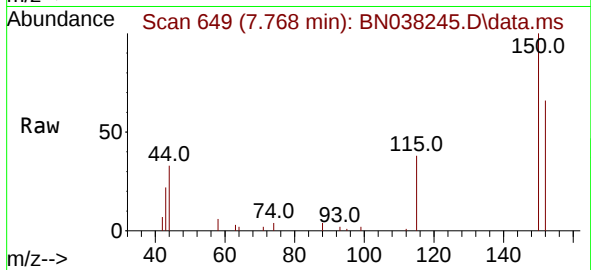
Quant Time: Dec 02 03:25:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration



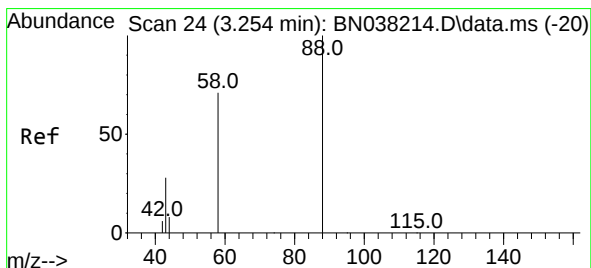
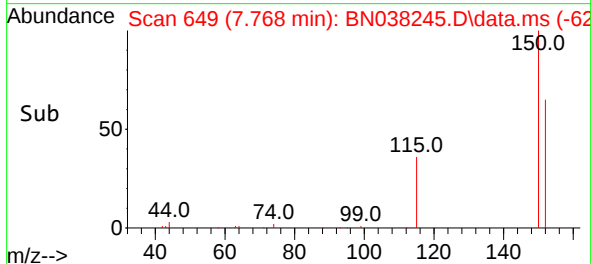
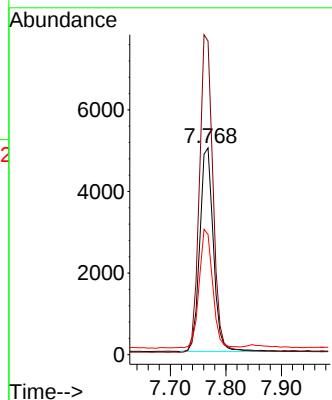


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20251118

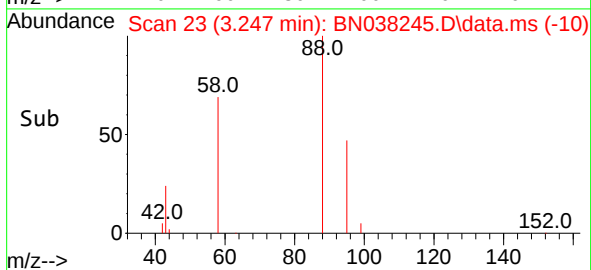
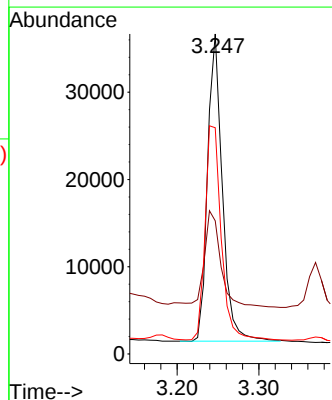
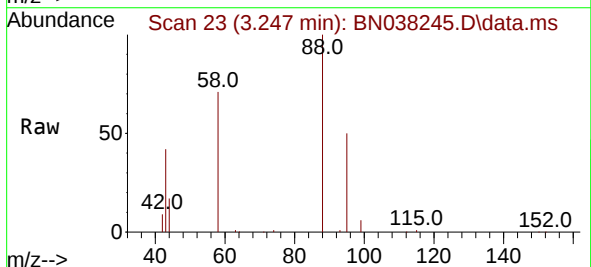


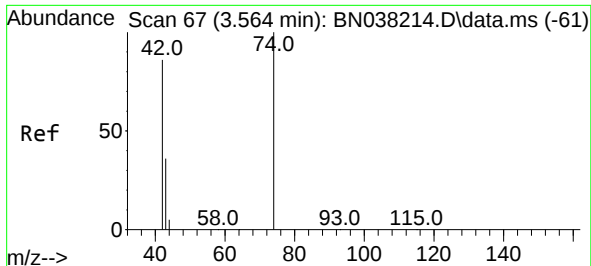
Tgt Ion:152 Resp: 8503
 Ion Ratio Lower Upper
 152 100
 150 151.7 125.3 187.9
 115 58.2 49.0 73.4



#2
 1,4-Dioxane
 Concen: 4.938 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

Tgt Ion: 88 Resp: 44228
 Ion Ratio Lower Upper
 88 100
 43 36.5 24.8 37.2
 58 76.1 61.1 91.7

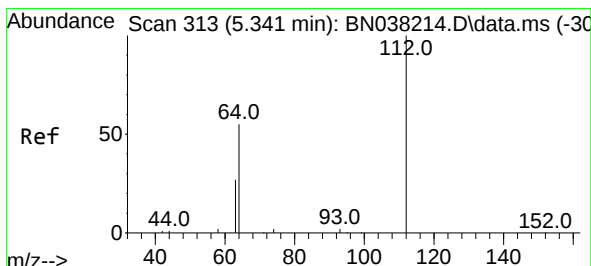
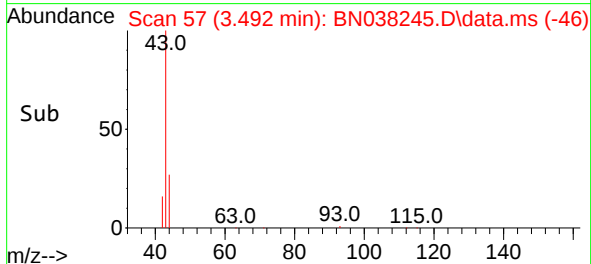
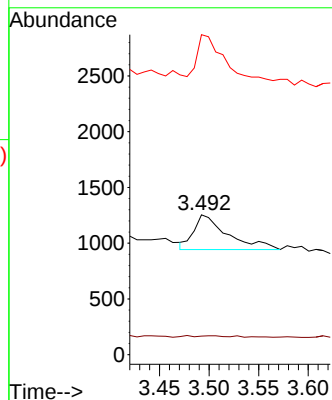
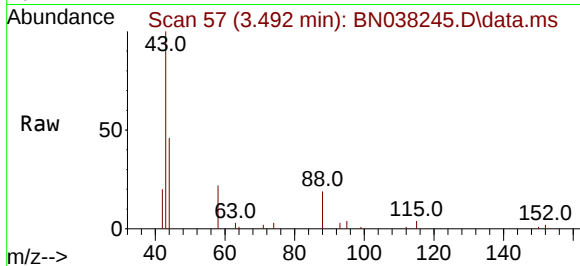




#3
 n-Nitrosodimethylamine
 Concen: 0.067 ng
 RT: 3.492 min Scan# 51
 Delta R.T. -0.072 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

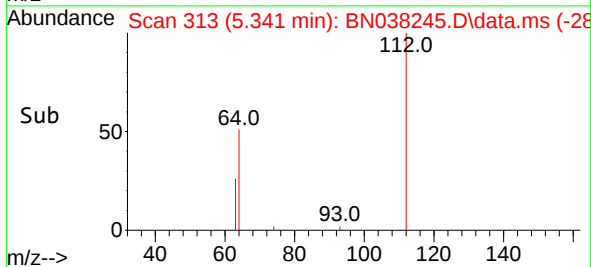
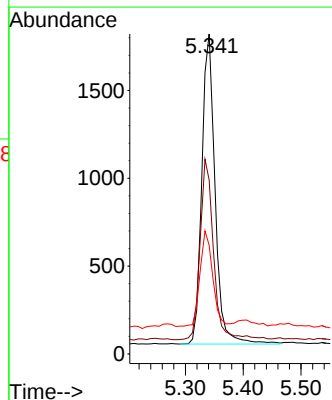
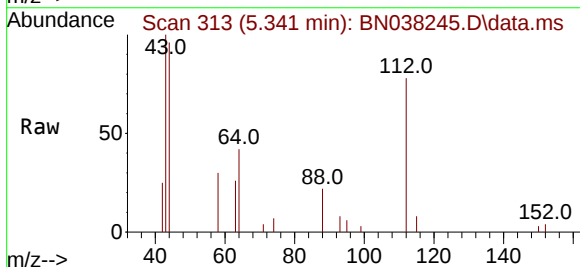
Instrument :
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 ClientSampleId :
 RW5-SP100-20251118

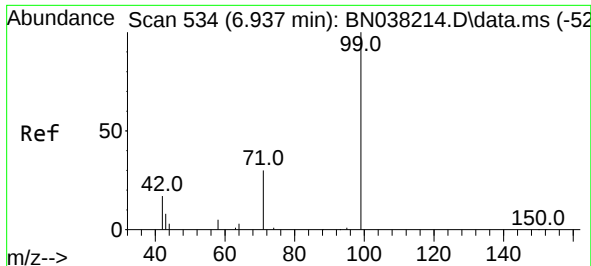
Tgt Ion: 42 Resp: 739
 Ion Ratio Lower Upper
 42 100
 74 1.4 96.2 144.2#
 44 152.0 8.0 12.0#



#4
 2-Fluorophenol
 Concen: 0.142 ng
 RT: 5.341 min Scan# 313
 Delta R.T. 0.000 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

Tgt Ion: 112 Resp: 2818
 Ion Ratio Lower Upper
 112 100
 64 59.3 45.0 67.4
 63 30.2 23.2 34.8

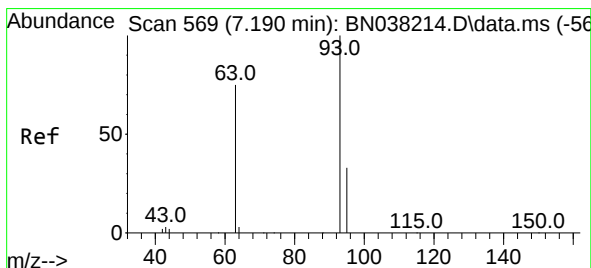
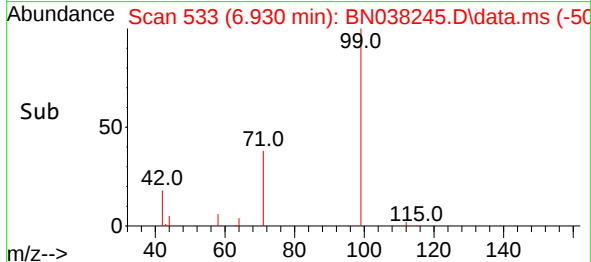
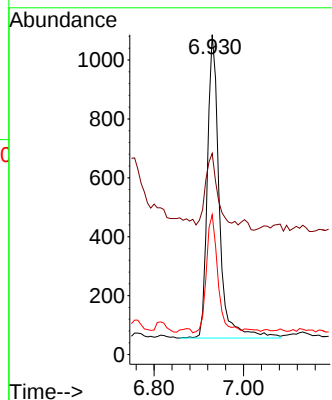
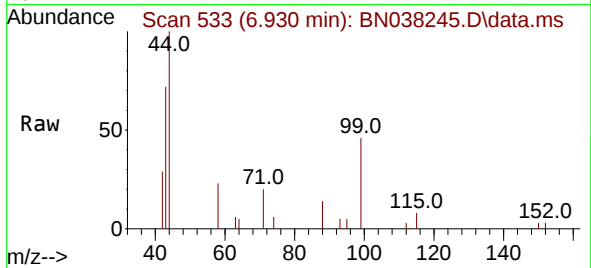




#5
Phenol-d6
Concen: 0.076 ng
RT: 6.930 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

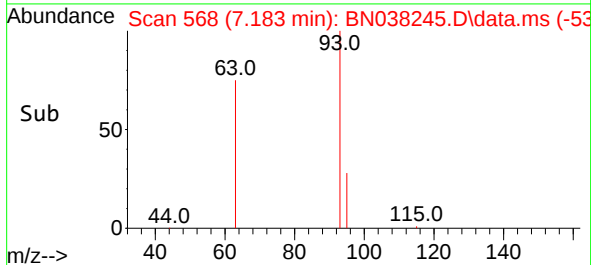
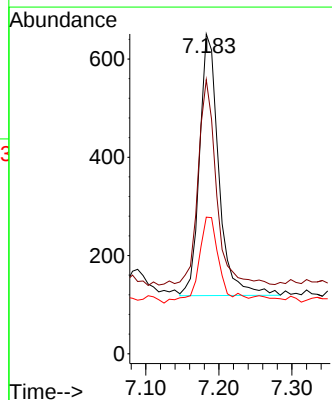
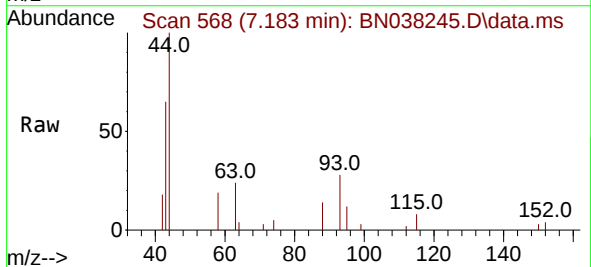
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251118

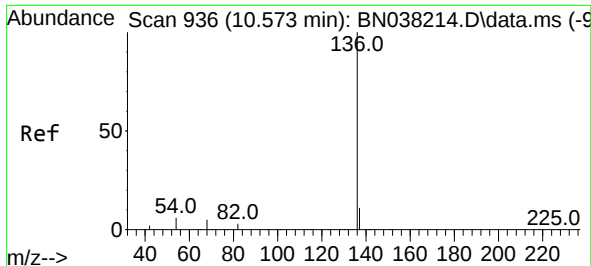
Tgt Ion:	99	Resp:	1899
Ion	Ratio	Lower	Upper
99	100		
42	24.3	17.0	25.6
71	37.4	25.4	38.2



#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 7.183 min Scan# 568
Delta R.T. -0.007 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

Tgt Ion:	93	Resp:	973
Ion	Ratio	Lower	Upper
93	100		
63	75.0	58.1	87.1
95	35.8	25.1	37.7

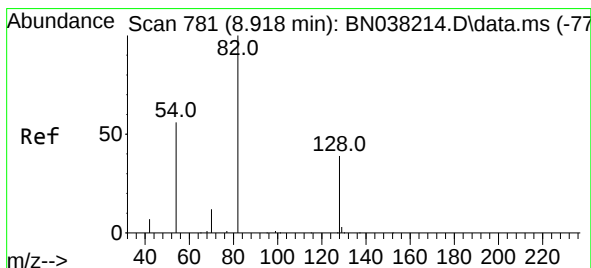
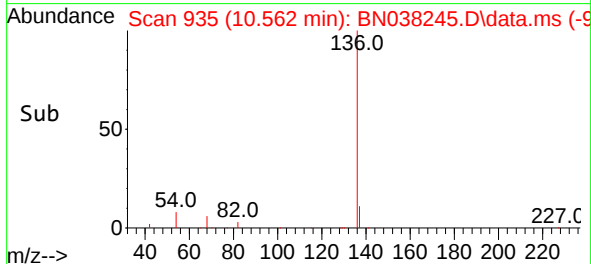
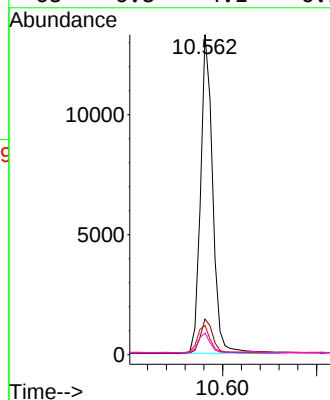
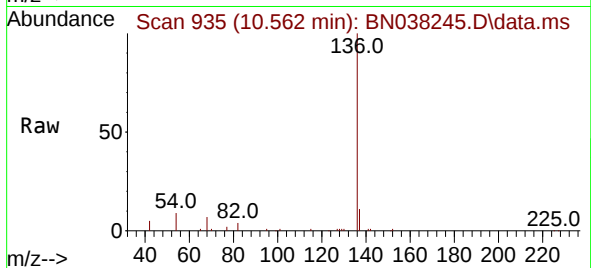




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

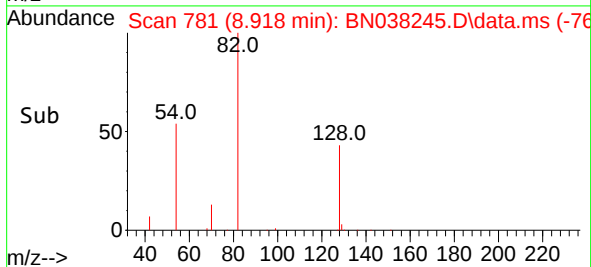
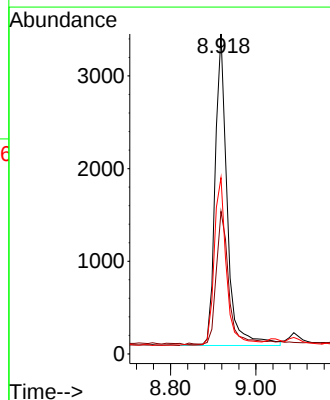
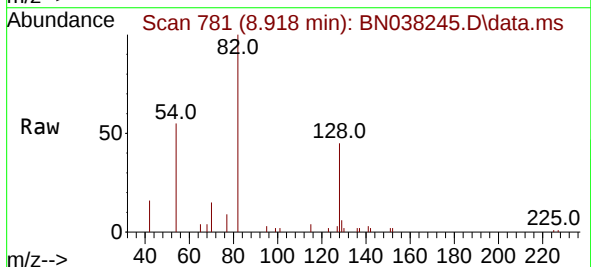
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251118

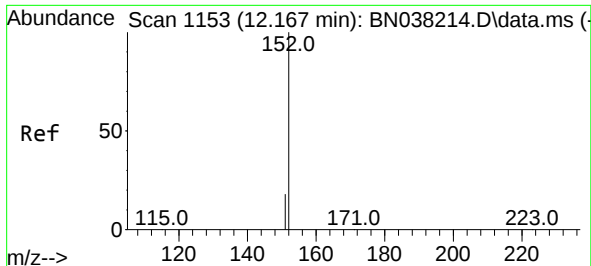
Tgt Ion:	136	Resp:	23841
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	9.1	5.4	8.0#
68	6.8	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

Tgt Ion:	82	Resp:	6594
Ion Ratio	Lower	Upper	
82	100		
128	44.6	32.6	48.8
54	55.1	45.4	68.0

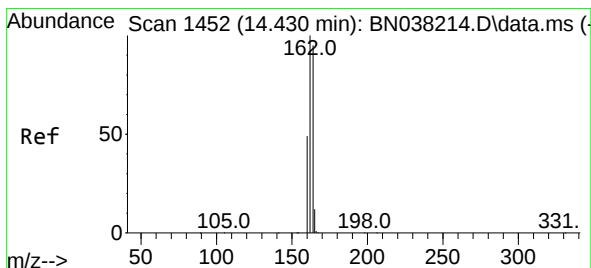
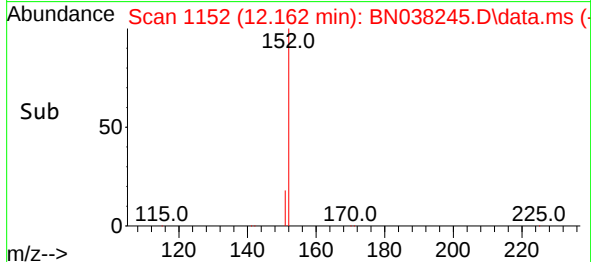
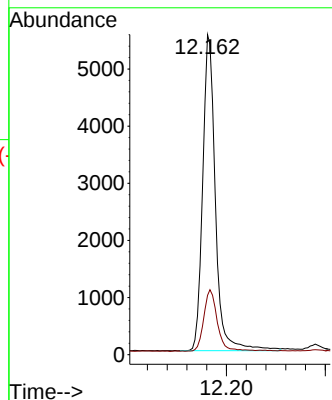
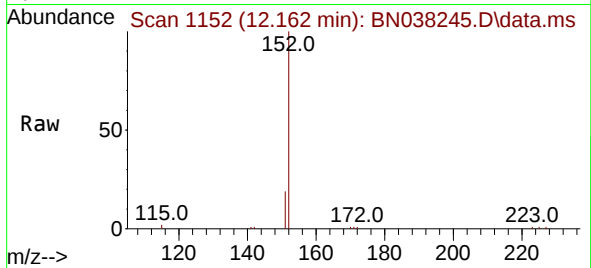




#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.162 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

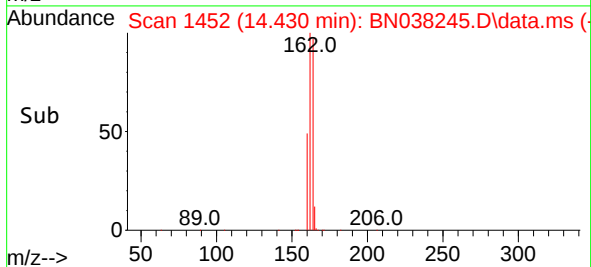
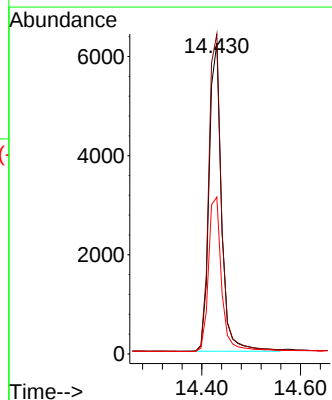
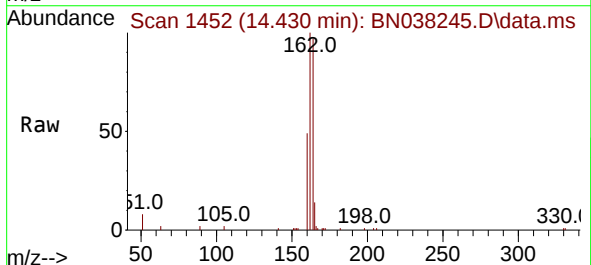
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251118

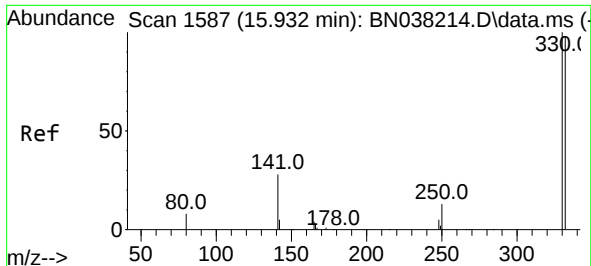
Tgt Ion:152 Resp: 9907
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

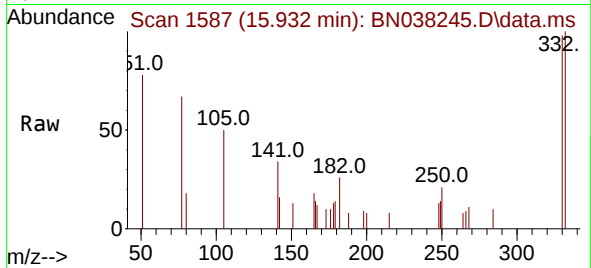
Tgt Ion:164 Resp: 10821
Ion Ratio Lower Upper
164 100
162 103.0 83.8 125.8
160 50.5 41.6 62.4



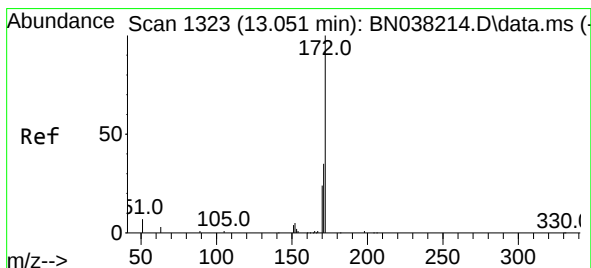
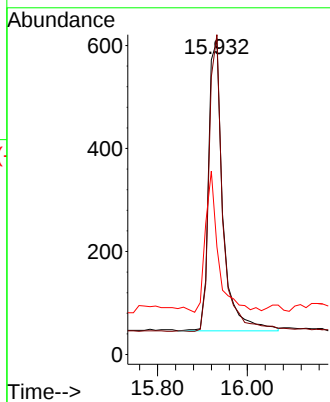
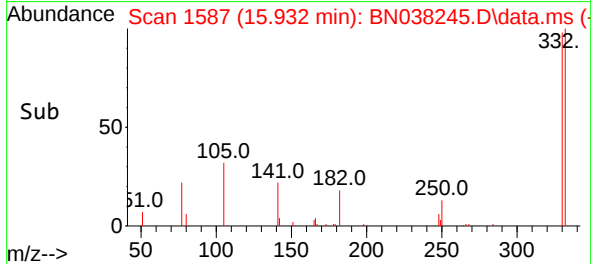


#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

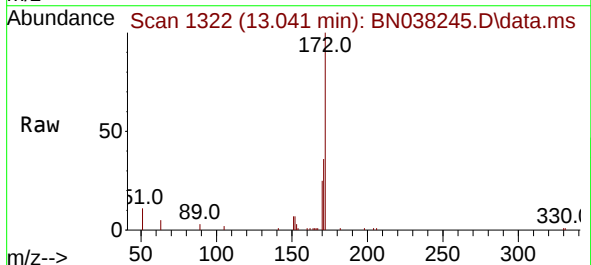
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ClientSampleId :
RW5-SP100-20251118



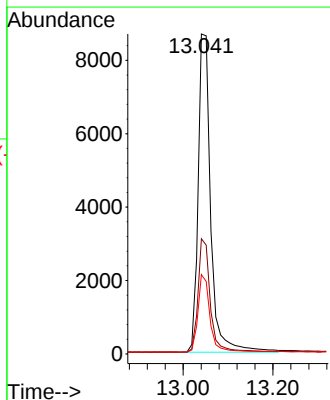
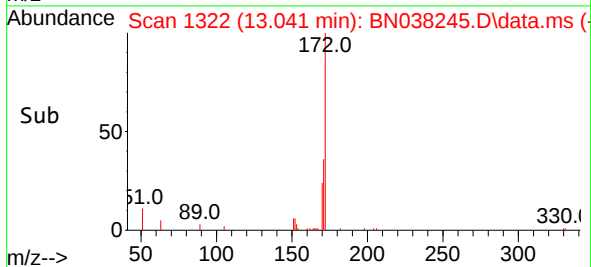
Tgt Ion:330 Resp: 1250
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 43.9 33.0 49.4

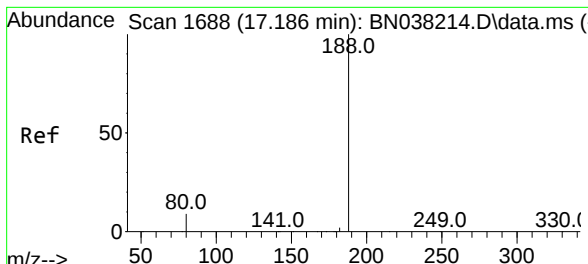


#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.041 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55



Tgt Ion:172 Resp: 15343
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 24.8 19.1 28.7

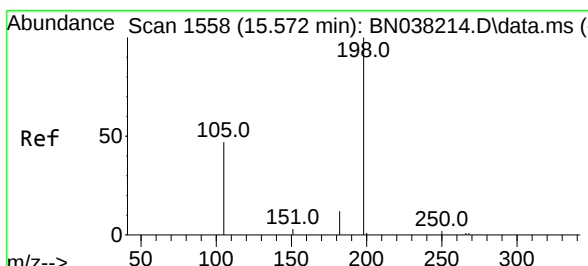
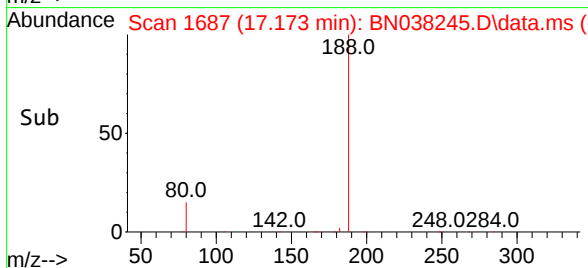
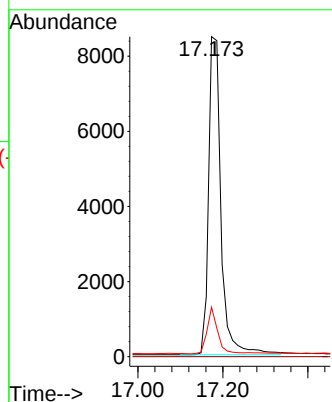
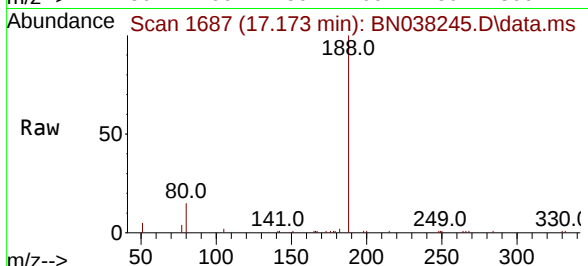




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 17177
Delta R.T. -0.012 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

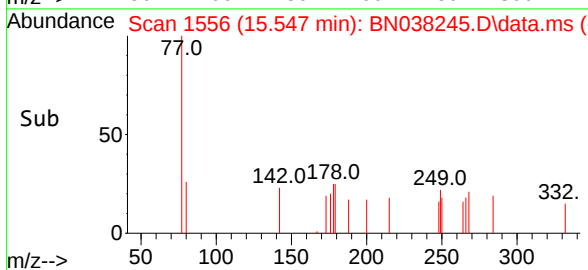
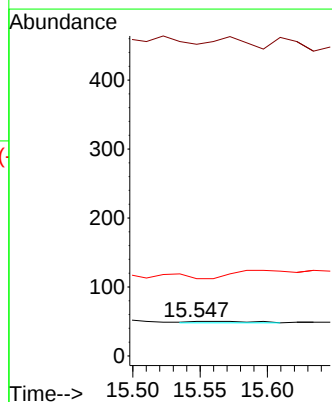
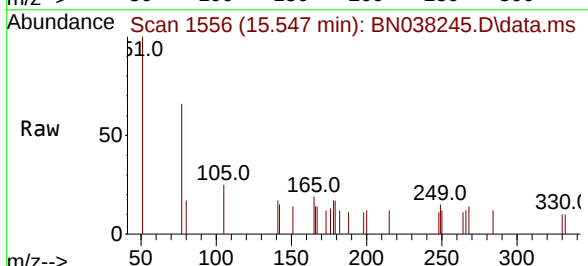
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251118

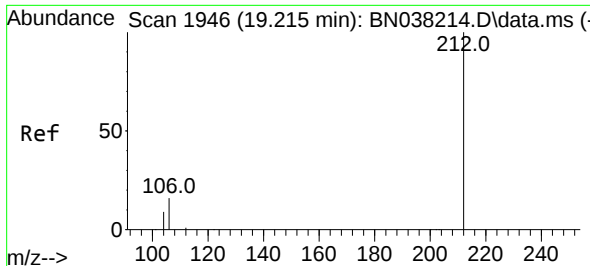
Tgt Ion:188	Resp:	17177
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	15.5	7.7



#20
4,6-Dinitro-2-methylphenol
Concen: 0.176 ng
RT: 15.547 min Scan# 1556
Delta R.T. -0.025 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

Tgt Ion:198	Resp:	7
Ion Ratio	Lower	Upper
198	100	
51	904.0	205.1
105	224.0	61.6

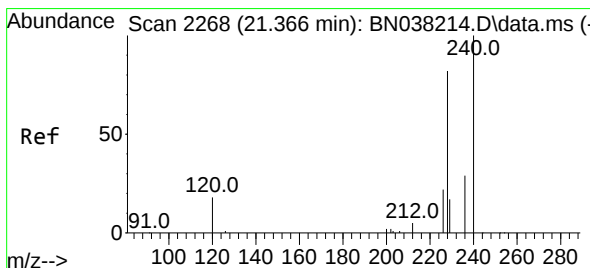
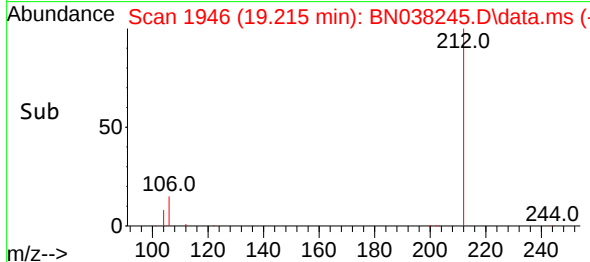
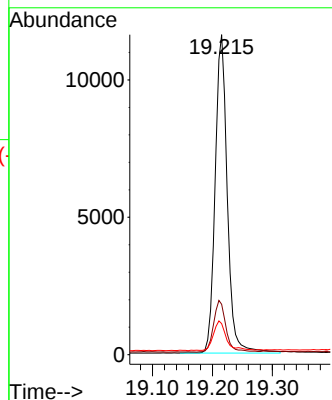
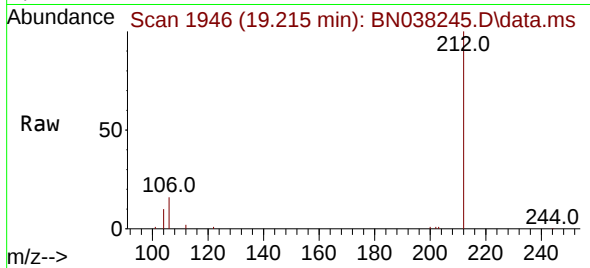




#27
Fluoranthene-d10
Concen: 0.436 ng
RT: 19.215 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

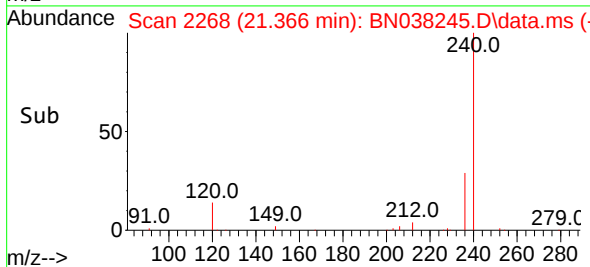
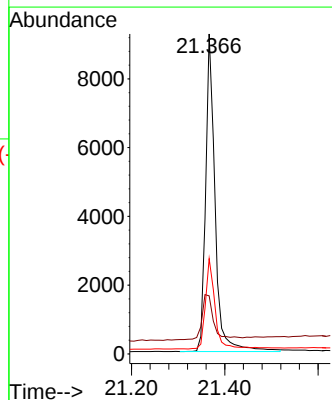
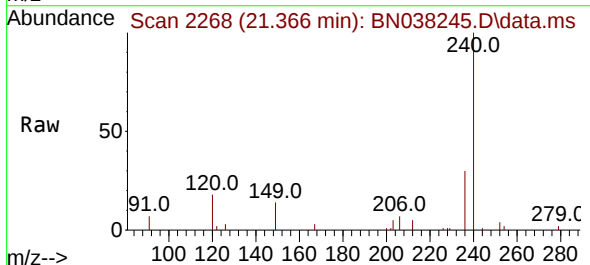
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251118

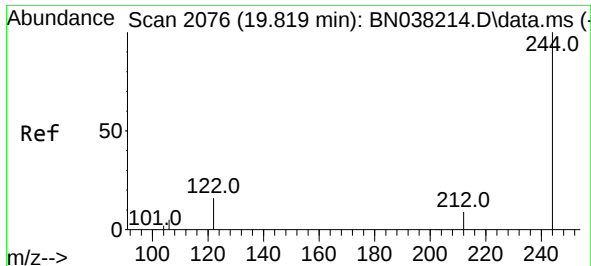
Tgt Ion:212 Resp: 16228
Ion Ratio Lower Upper
212 100
106 16.5 12.7 19.1
104 10.1 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

Tgt Ion:240 Resp: 13060
Ion Ratio Lower Upper
240 100
120 18.1 18.1 27.1
236 29.8 24.2 36.4

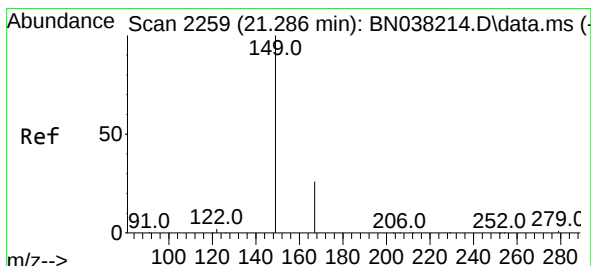
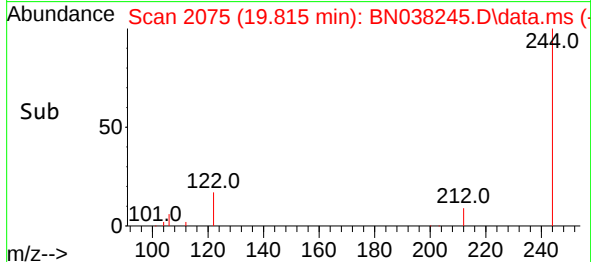
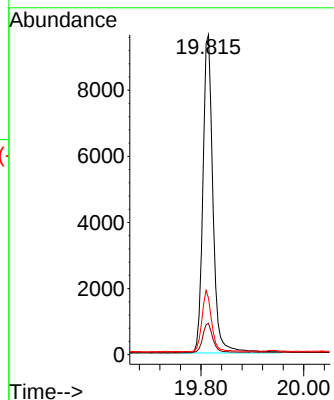
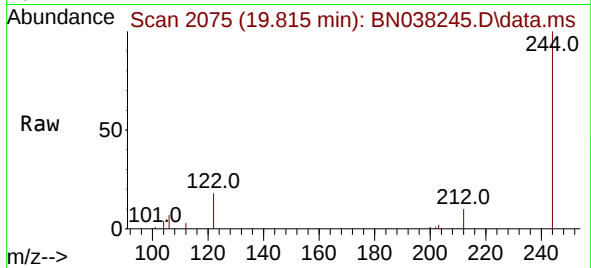




#31
Terphenyl-d14
Concen: 0.434 ng
RT: 19.815 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

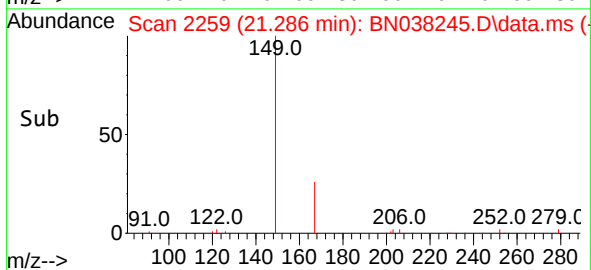
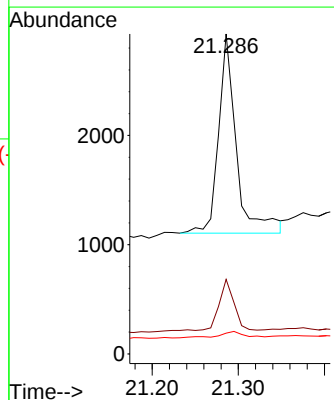
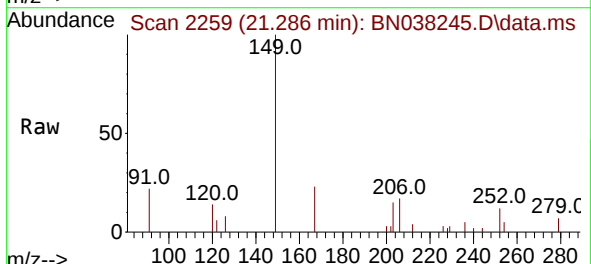
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251118

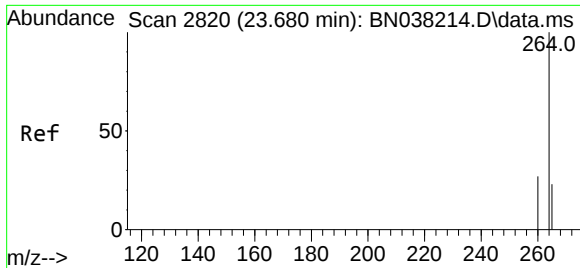
Tgt Ion:244 Resp: 13093
Ion Ratio Lower Upper
244 100
212 9.8 7.7 11.5
122 17.6 13.6 20.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.286 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

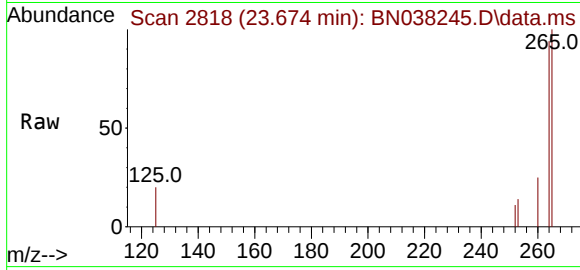
Tgt Ion:149 Resp: 2610
Ion Ratio Lower Upper
149 100
167 21.2 20.7 31.1
279 4.4 2.5 3.7#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251118



Tgt Ion:264 Resp: 13401
Ion Ratio Lower Upper
264 100
260 27.2 21.7 32.5
265 106.8 98.0 147.0

