

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)

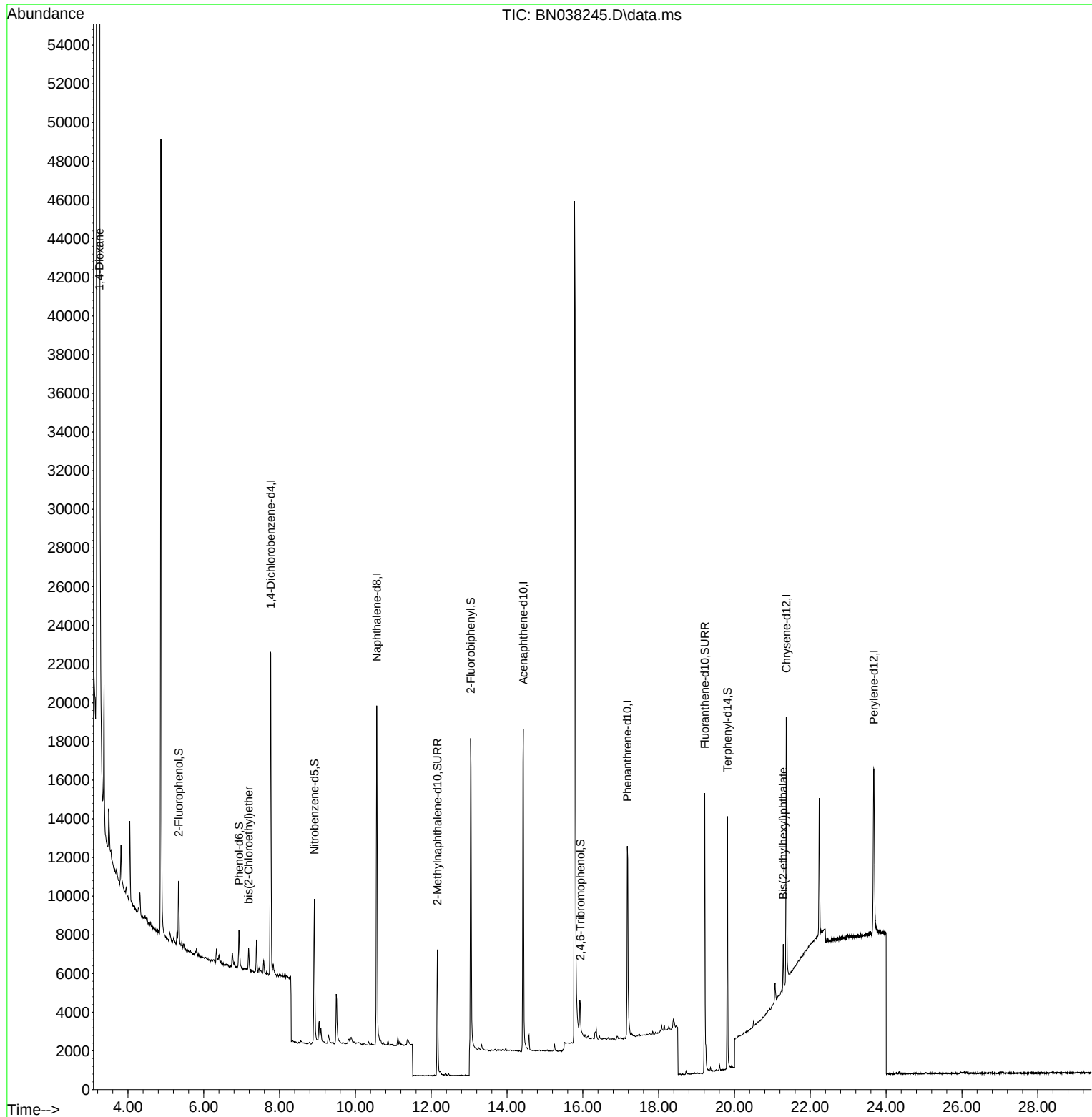
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8503	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	23841	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	10821	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	17177	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	13060	0.400	ng	0.00
35) Perylene-d12	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
6) bis(2-Chloroethyl)ether	7.183	93	973	0.041	ng	96
34) Bis(2-ethylhexyl)phtha...	21.286	149	2610	0.108	ng	# 91

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

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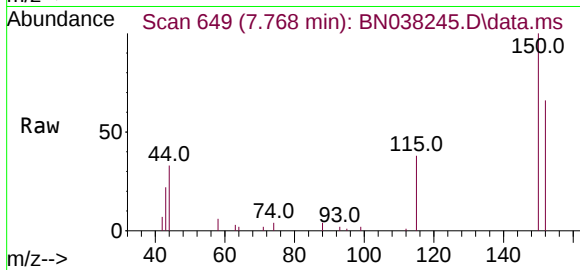
Quant Time: Dec 02 03:25:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
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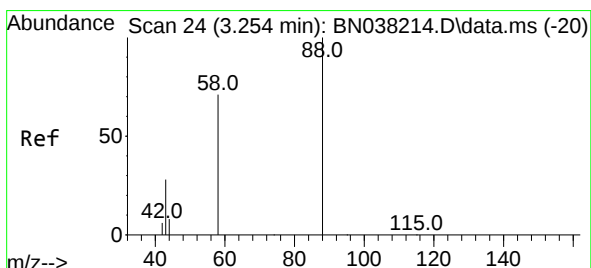
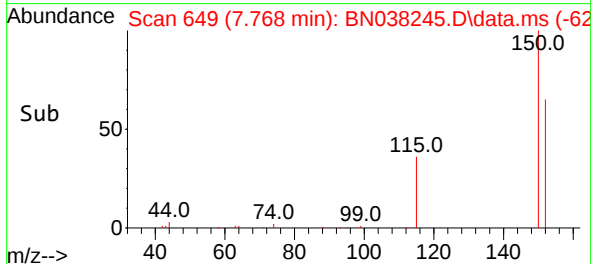
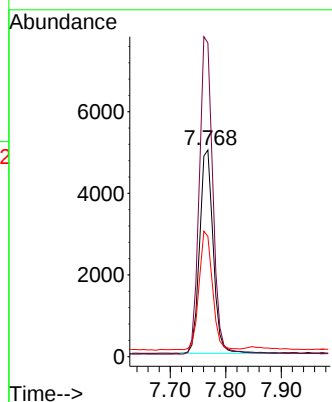


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20251118

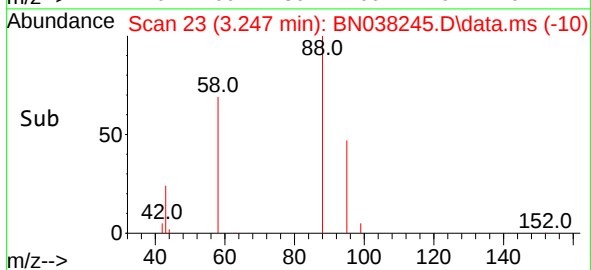
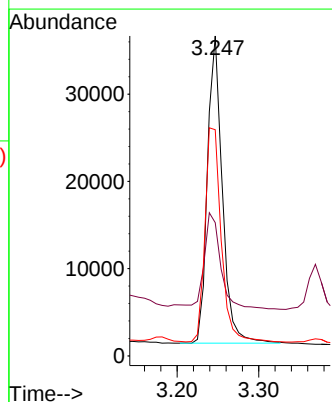
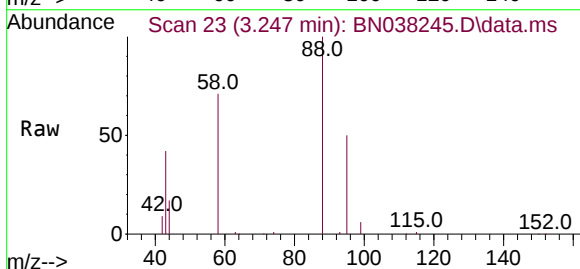


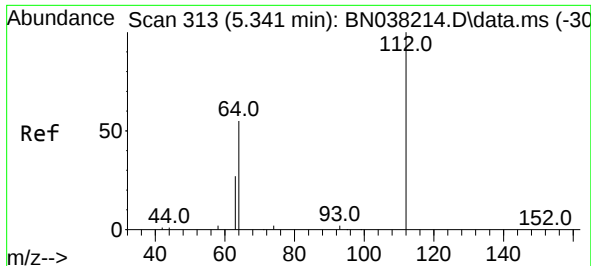
Tgt Ion:152 Resp: 8503
 Ion Ratio Lower Upper
 152 100
 150 151.7 125.3 187.9
 115 58.2 49.0 73.4



#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

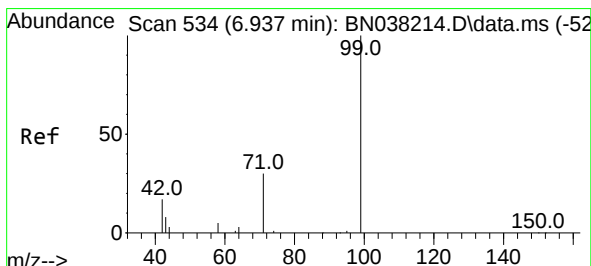
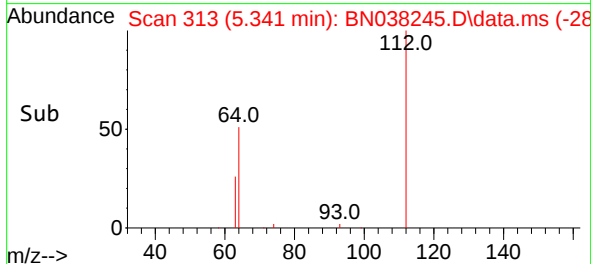
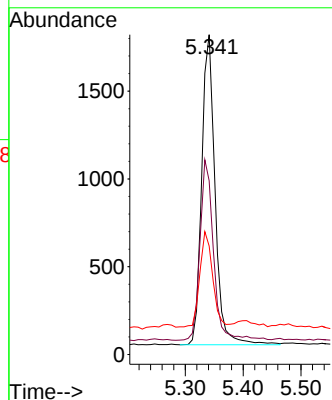
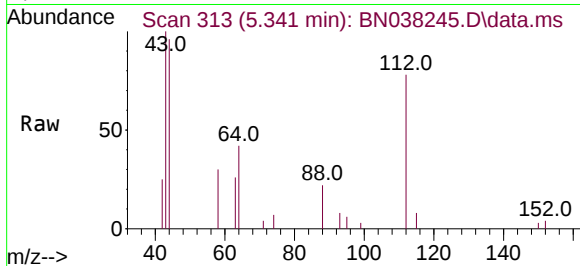




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

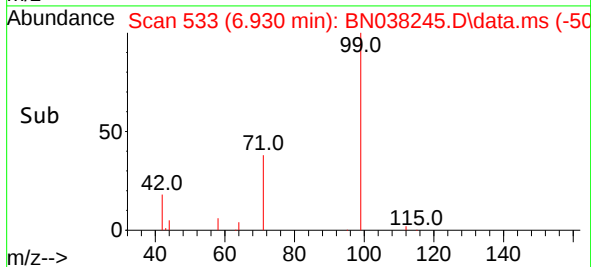
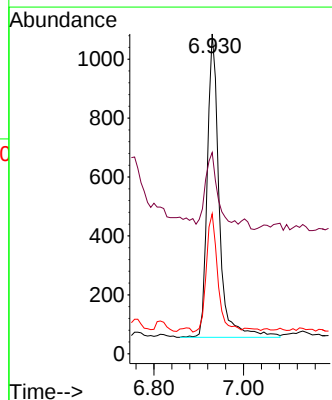
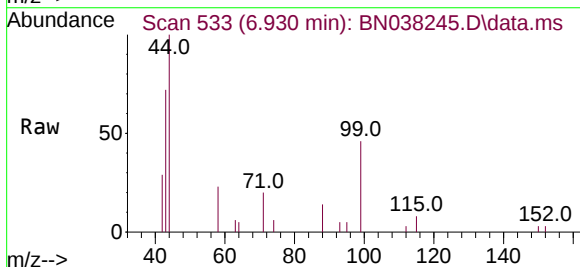
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251118

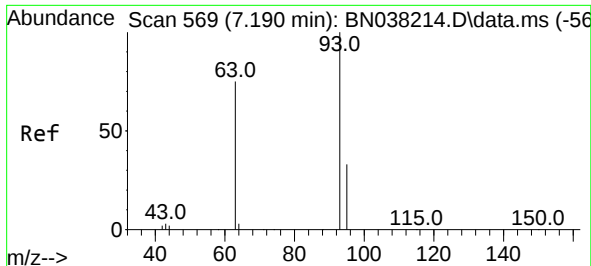
Tgt Ion:	112	Resp:	2818
Ion	Ratio	Lower	Upper
112	100		
64	59.3	45.0	67.4
63	30.2	23.2	34.8



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

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

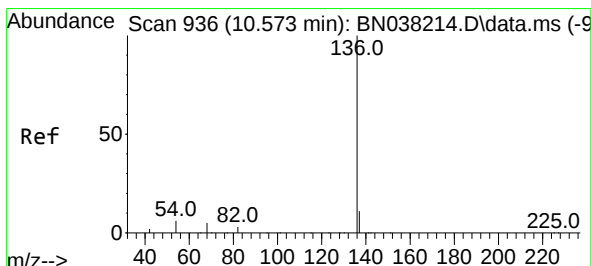
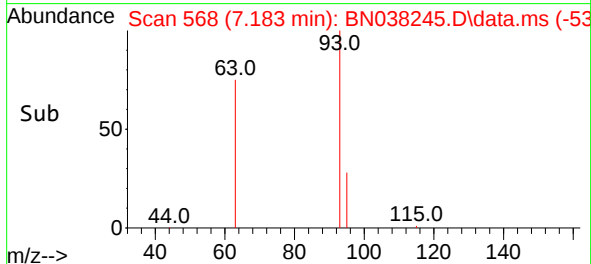
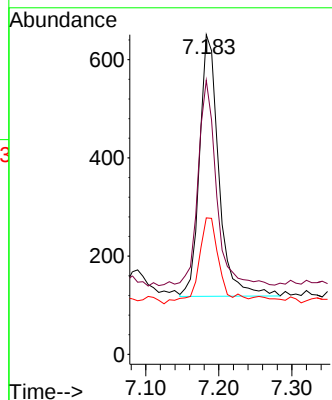
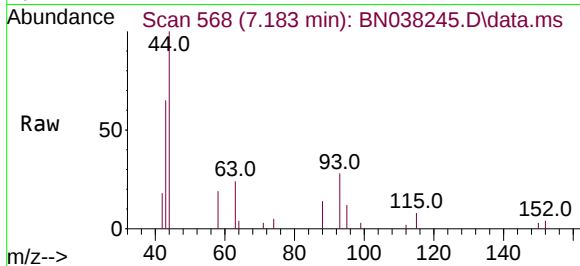




#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 7.183 min Scan# 568
Delta R.T. -0.007 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

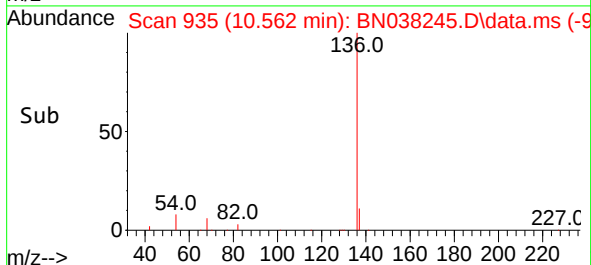
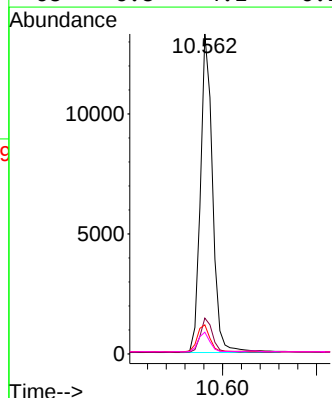
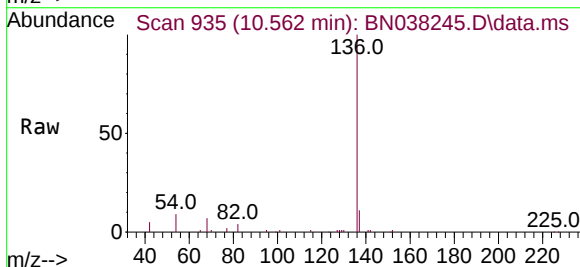
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20251118

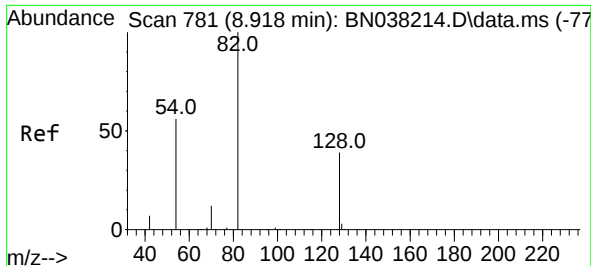
Tgt Ion: 93 Resp: 973
Ion Ratio Lower Upper
93 100
63 75.0 58.1 87.1
95 35.8 25.1 37.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

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#

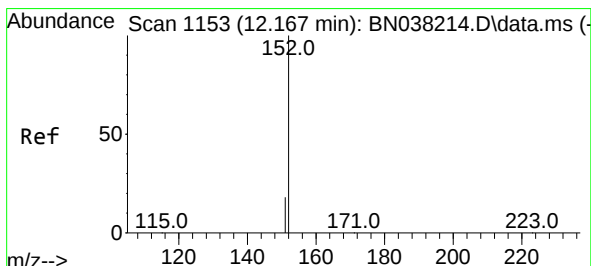
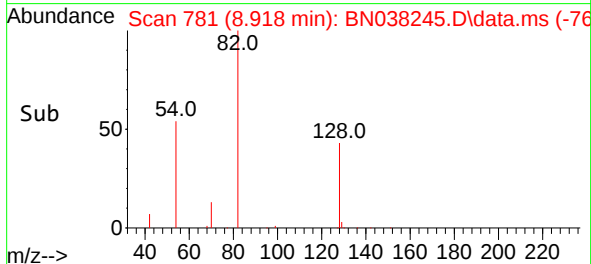
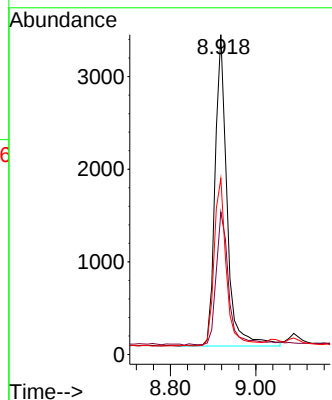
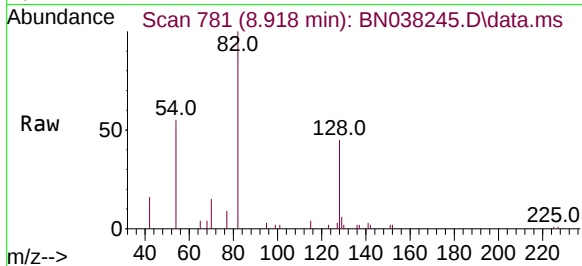




#8
 Nitrobenzene-d5
 Concen: 0.346 ng
 RT: 8.918 min Scan# 781
 Delta R.T. 0.000 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

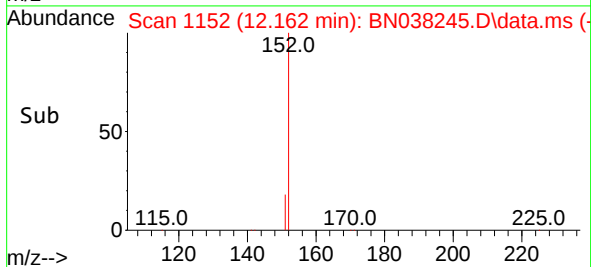
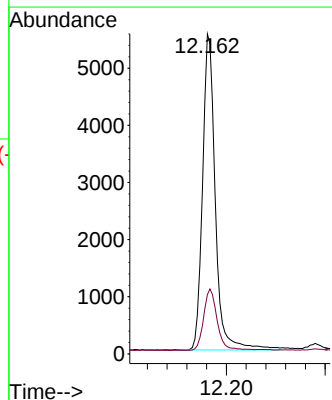
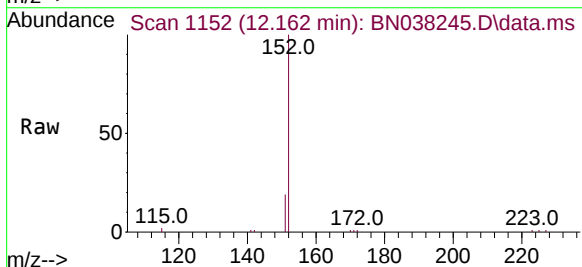
Instrument :
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 ClientSampleId :
 RW5-SP100-20251118

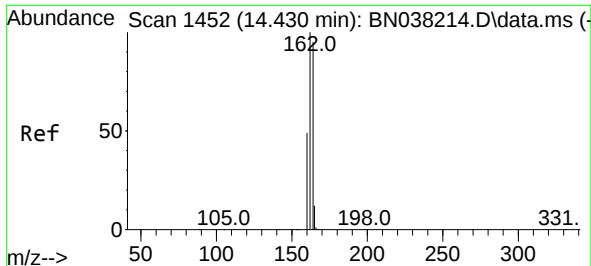
Tgt Ion:	82	Resp:	6594
Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.6	48.8
54	55.1	45.4	68.0



#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

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

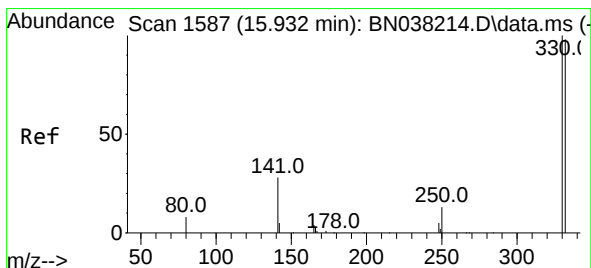
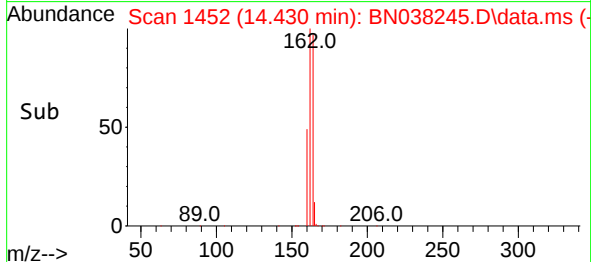
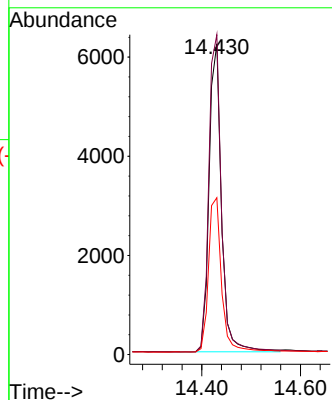
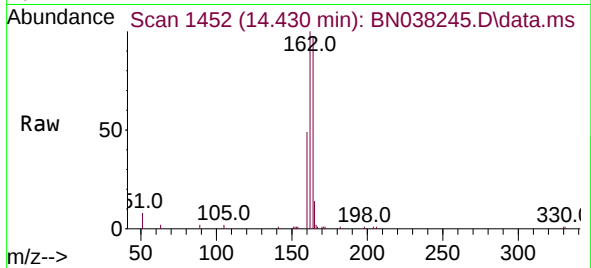




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.430 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

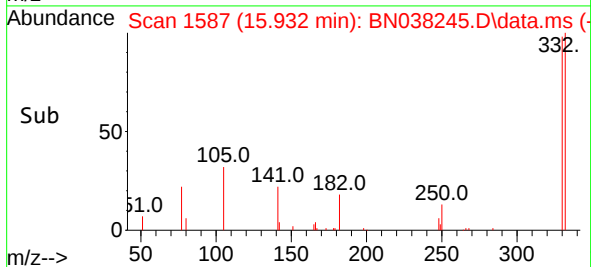
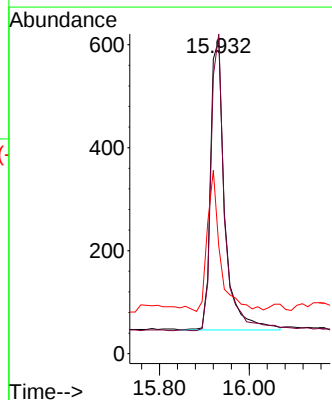
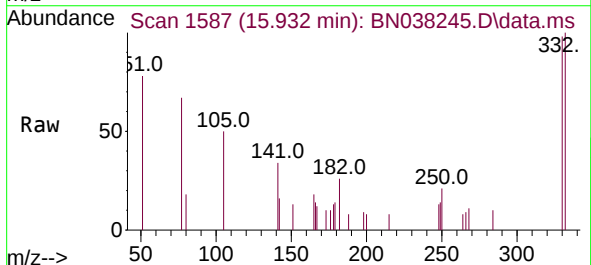
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20251118

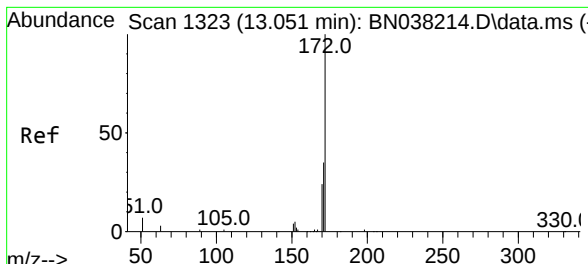
Tgt Ion:164 Resp: 10821
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.8 125.8
 160 50.5 41.6 62.4



#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

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

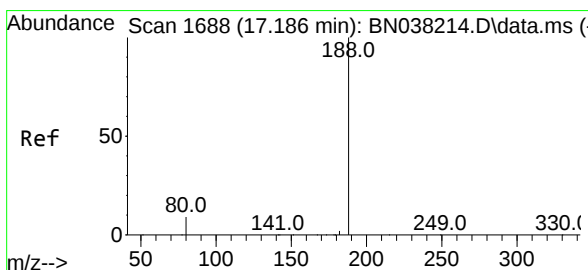
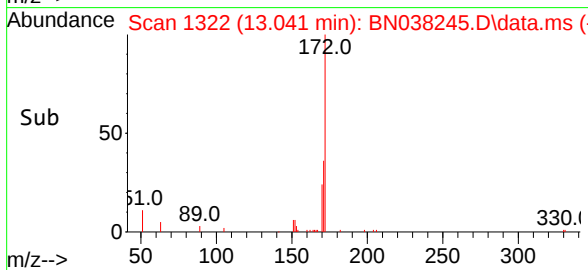
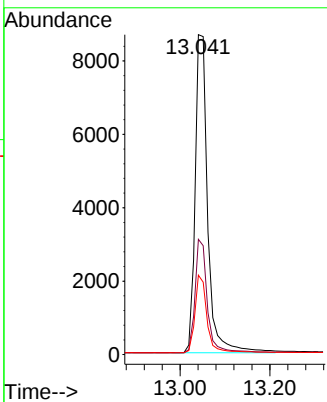
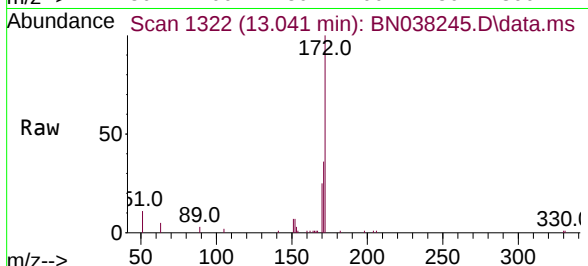




#15
 2-Fluorobiphenyl
 Concen: 0.367 ng
 RT: 13.041 min Scan# 13
 Delta R.T. -0.010 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

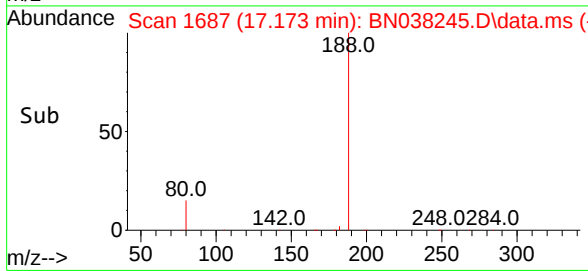
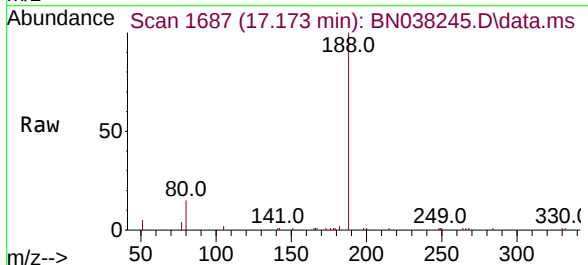
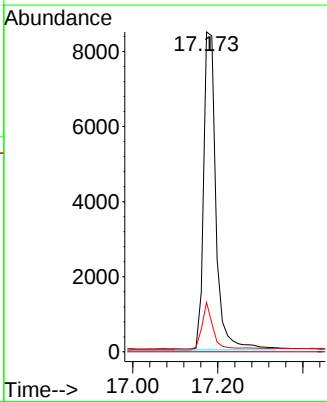
Instrument :
 BNA_N
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 RW5-SP100-20251118

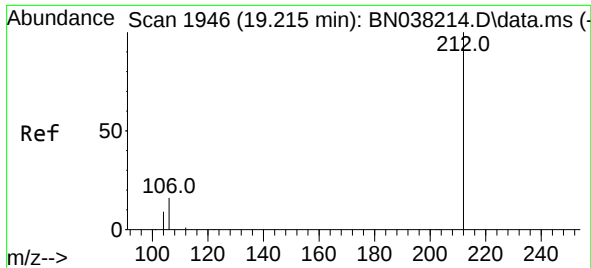
Tgt Ion:	172	Resp:	15343
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.1	42.1
170	24.8	19.1	28.7



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.173 min Scan# 1687
 Delta R.T. -0.012 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

Tgt Ion:	188	Resp:	17177
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.5	7.7	11.5

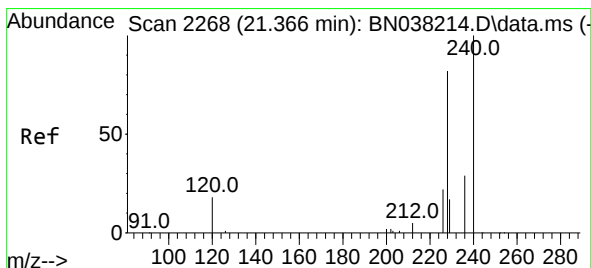
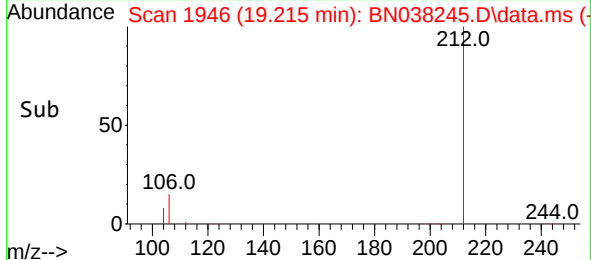
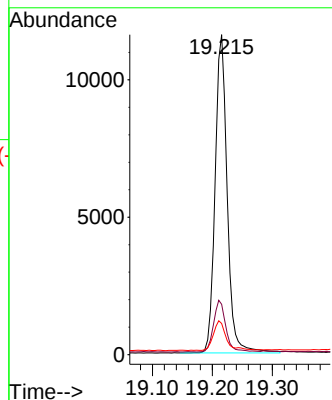
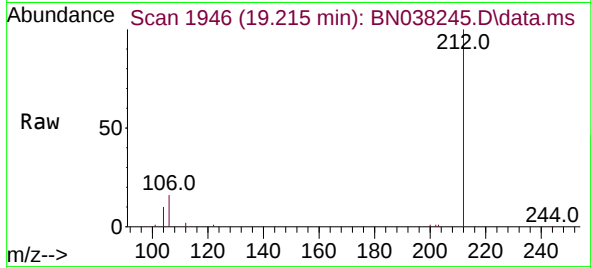




#27
Fluoranthene-d10
Concen: 0.436 ng
RT: 19.215 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN038245.D
Acq: 02 Dec 2025 02:55

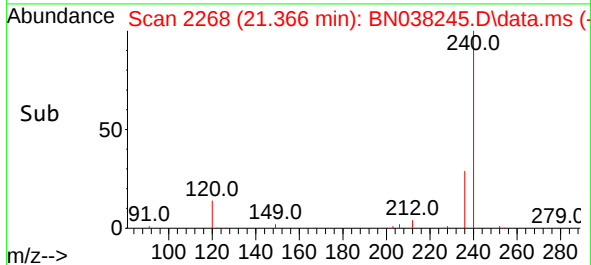
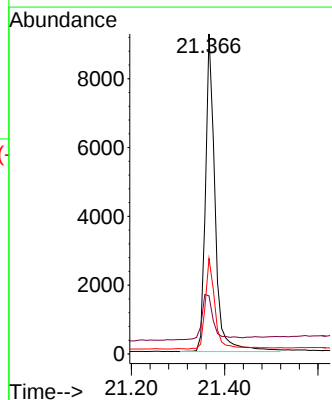
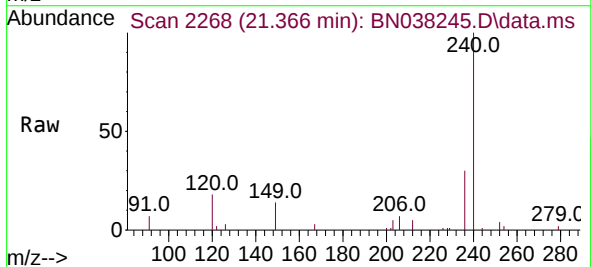
Instrument :
BNA_N
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RW5-SP100-20251118

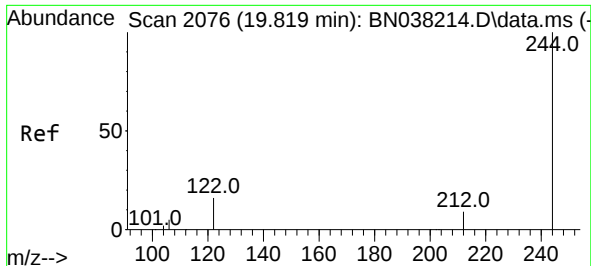
Tgt Ion:212 Resp: 16228
Ion Ratio Lower Upper
212 100
106 16.5 12.7 19.1
104 10.1 7.3 10.9



#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

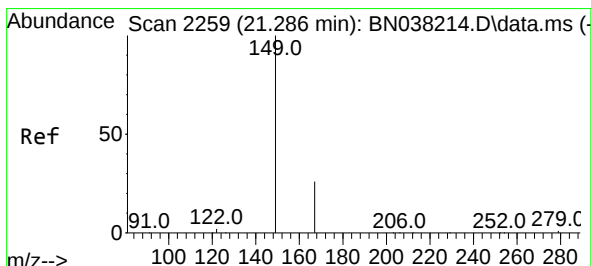
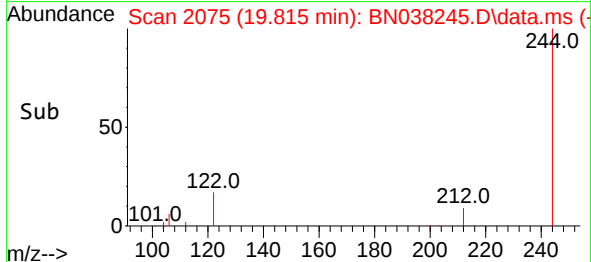
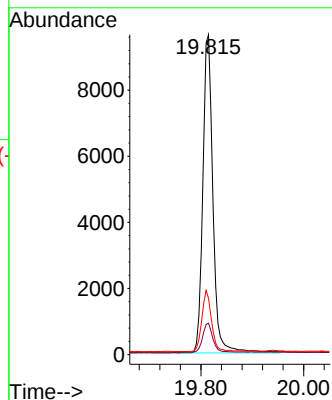
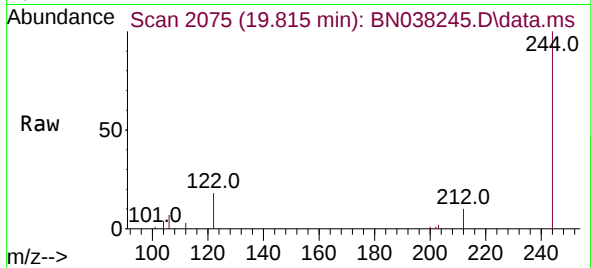




#31
 Terphenyl-d14
 Concen: 0.434 ng
 RT: 19.815 min Scan# 2076
 Delta R.T. -0.005 min
 Lab File: BN038245.D
 Acq: 02 Dec 2025 02:55

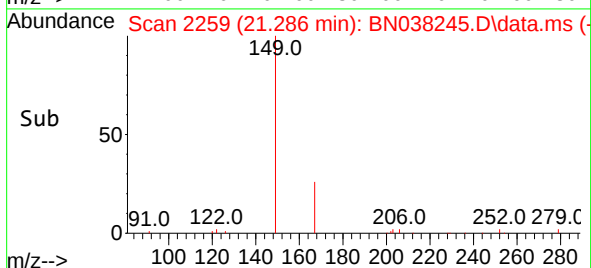
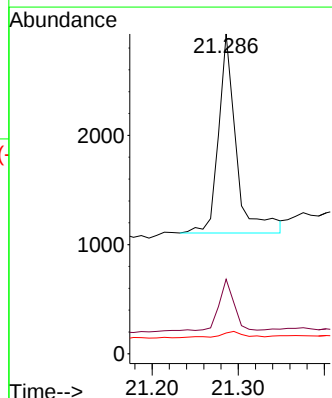
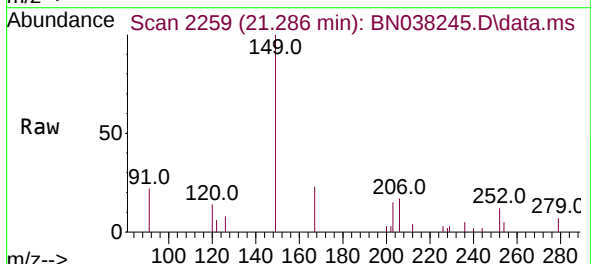
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20251118

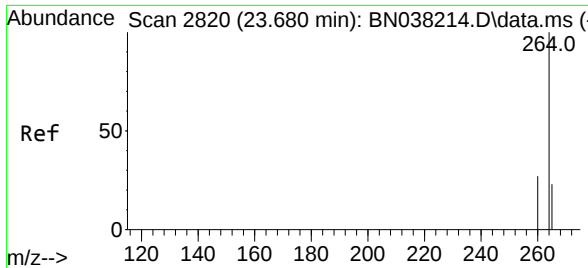
Tgt Ion:244 Resp: 13093
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.7 11.5
 122 17.6 13.6 20.4



#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# 2820
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

