

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036764.D
 Acq On : 28 Mar 2025 07:58
 Operator : RC/JU
 Sample : Q1608-26
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D2-20250319

Quant Time: Mar 28 08:25:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

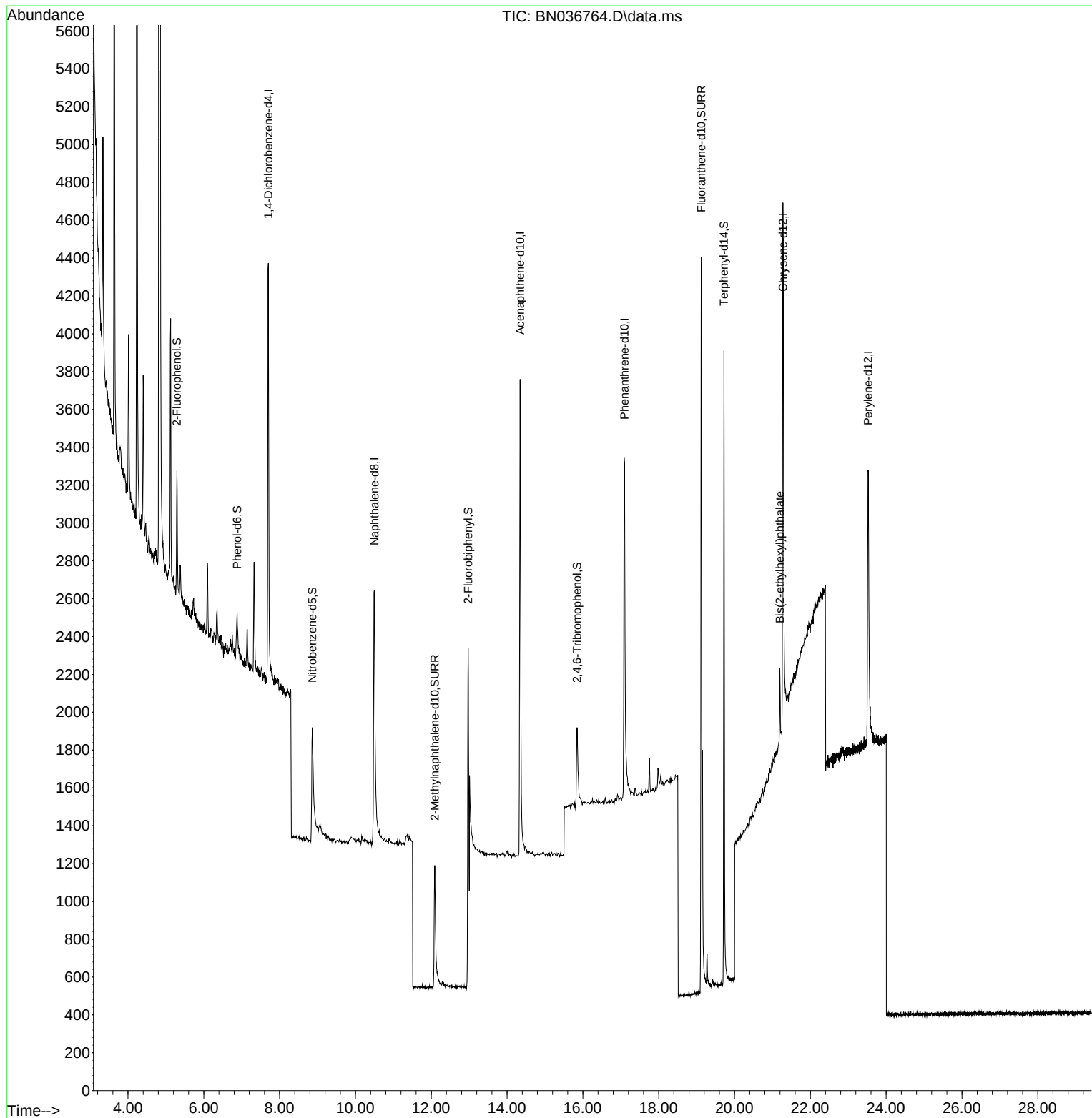
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1275	0.400	ng	-0.02
7) Naphthalene-d8	10.498	136	2834	0.400	ng	#-0.01
13) Acenaphthene-d10	14.345	164	1829	0.400	ng	-0.02
19) Phenanthrene-d10	17.099	188	4015	0.400	ng	-0.01
29) Chrysene-d12	21.277	240	3603	0.400	ng	-0.02
35) Perylene-d12	23.525	264	2549	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	495	0.167	ng	-0.02
5) Phenol-d6	6.879	99	292	0.080	ng	-0.02
8) Nitrobenzene-d5	8.865	82	991	0.321	ng	-0.01
11) 2-Methylnaphthalene-d10	12.091	152	1495	0.355	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	363	0.437	ng	-0.01
15) 2-Fluorobiphenyl	12.973	172	3464	0.326	ng	-0.02
27) Fluoranthene-d10	19.123	212	4863	0.473	ng	-0.02
31) Terphenyl-d14	19.722	244	3565	0.413	ng	-0.02
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.196	149	456	0.051	ng	# 96

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

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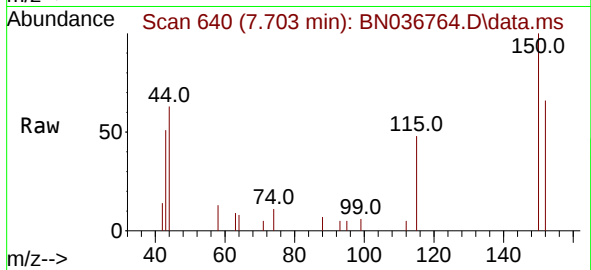
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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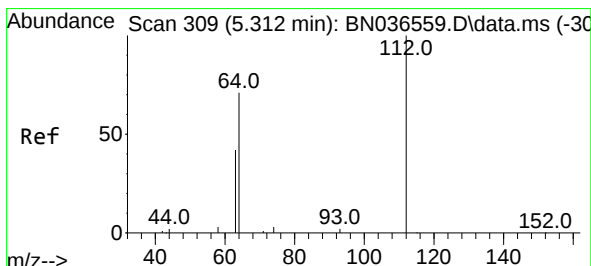
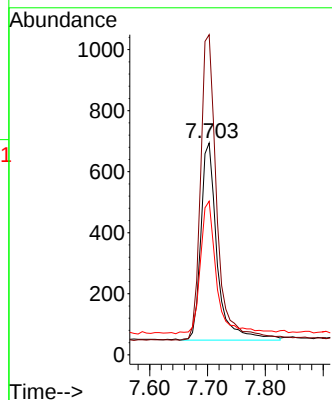
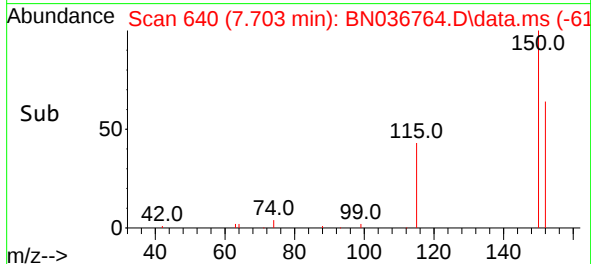


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036764.D
 Acq: 28 Mar 2025 07:58

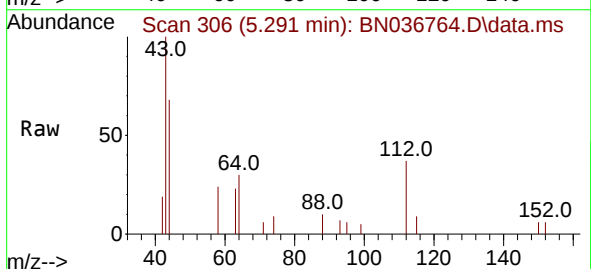
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D2-20250319



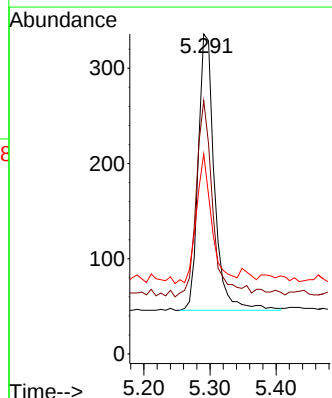
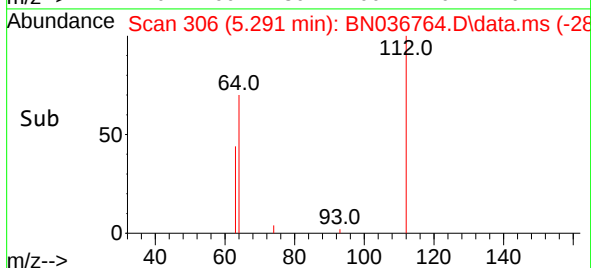
Tgt Ion:152 Resp: 1275
 Ion Ratio Lower Upper
 152 100
 150 151.2 123.7 185.5
 115 72.5 54.3 81.5



#4
 2-Fluorophenol
 Concen: 0.167 ng
 RT: 5.291 min Scan# 306
 Delta R.T. -0.022 min
 Lab File: BN036764.D
 Acq: 28 Mar 2025 07:58



Tgt Ion:112 Resp: 495
 Ion Ratio Lower Upper
 112 100
 64 75.2 53.1 79.7
 63 44.8 31.8 47.8

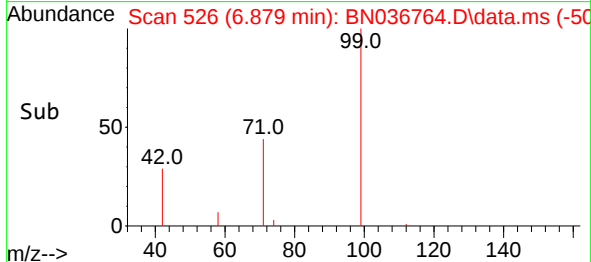
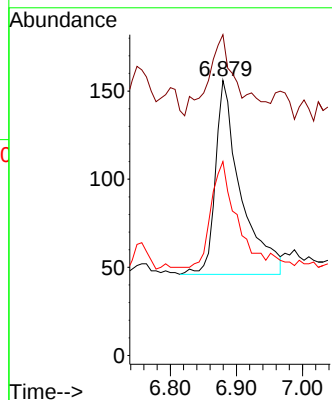
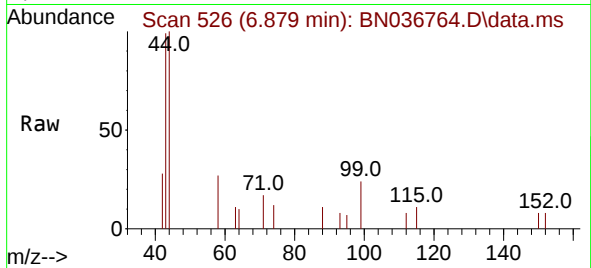




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN036764.D
Acq: 28 Mar 2025 07:58

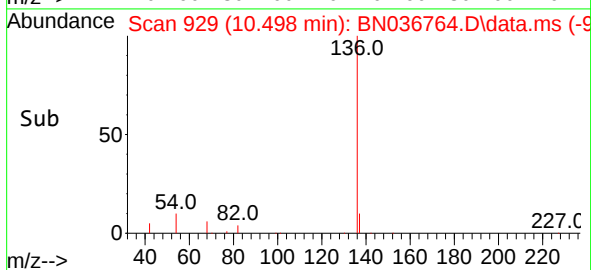
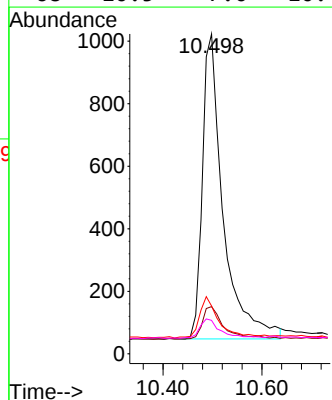
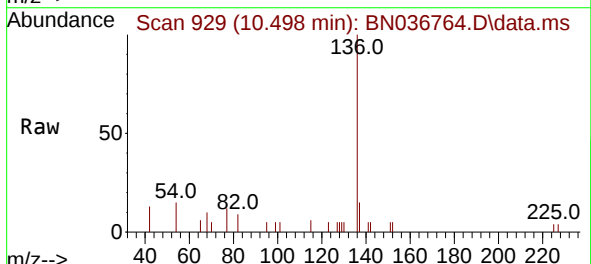
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20250319

Tgt Ion: 99 Resp: 292
Ion Ratio Lower Upper
99 100
42 47.3 26.5 39.7#
71 53.4 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036764.D
Acq: 28 Mar 2025 07:58

Tgt Ion: 136 Resp: 2834
Ion Ratio Lower Upper
136 100
137 14.8 10.3 15.5
54 15.0 11.5 17.3
68 10.5 7.0 10.4#

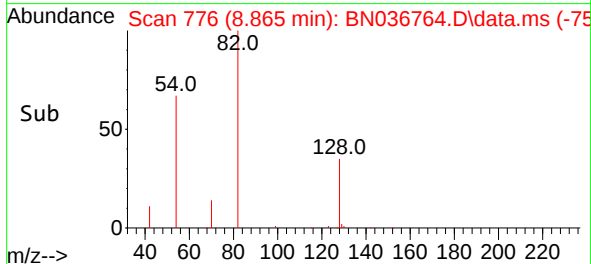
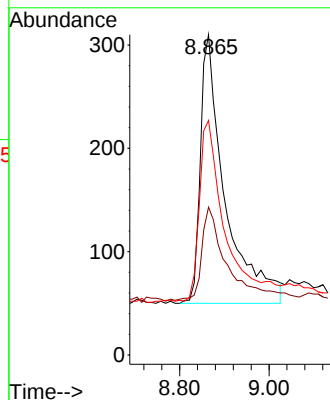
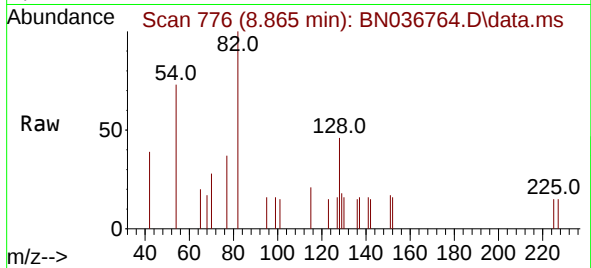




#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN036764.D
Acq: 28 Mar 2025 07:58

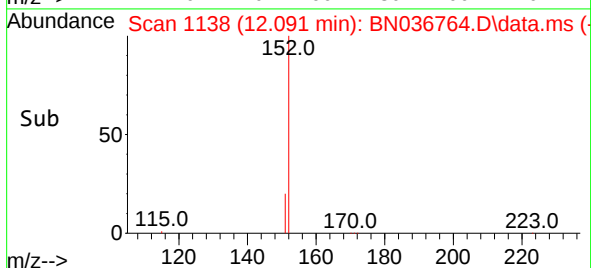
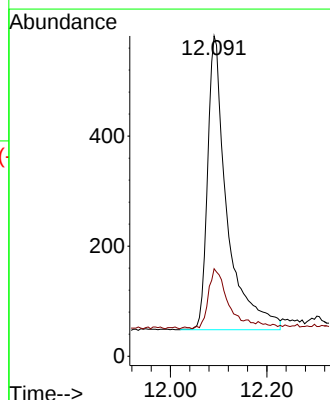
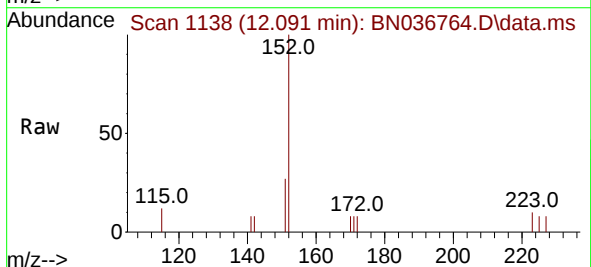
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20250319

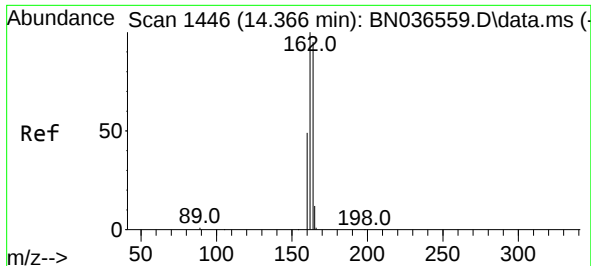
Tgt Ion: 82 Resp: 991
Ion Ratio Lower Upper
82 100
128 46.1 30.6 45.8#
54 73.2 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.091 min Scan# 1138
Delta R.T. -0.020 min
Lab File: BN036764.D
Acq: 28 Mar 2025 07:58

Tgt Ion:152 Resp: 1495
Ion Ratio Lower Upper
152 100
151 19.3 17.0 25.6

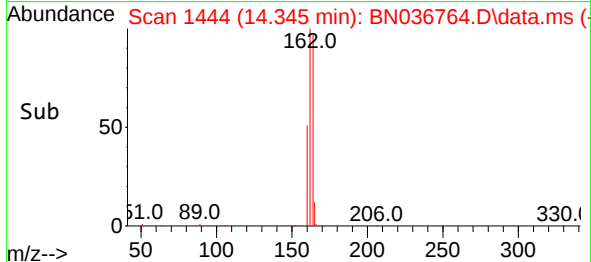
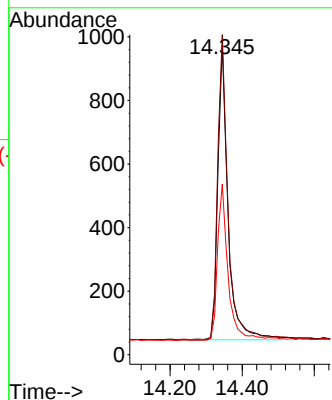
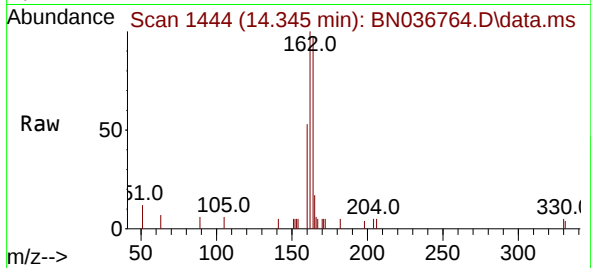




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036764.D
Acq: 28 Mar 2025 07:58

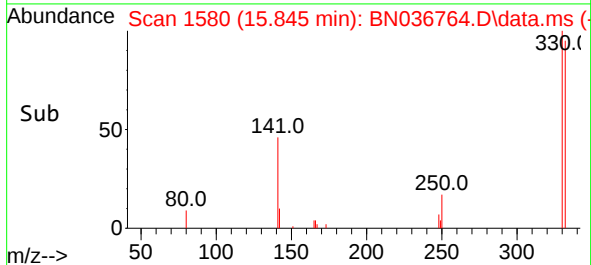
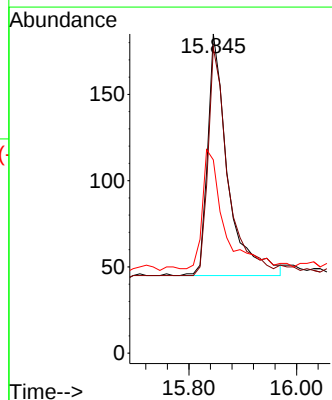
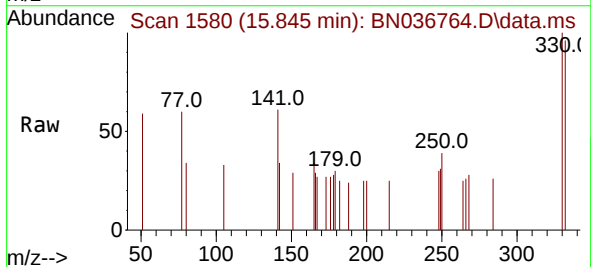
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20250319

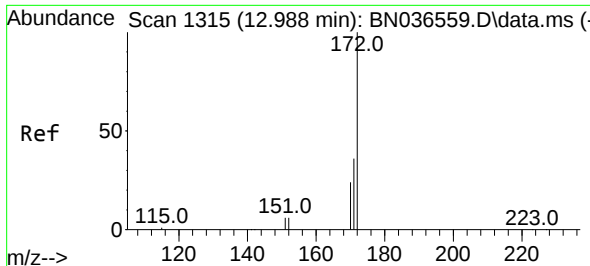
Tgt Ion:164 Resp: 1829
Ion Ratio Lower Upper
164 100
162 103.3 84.2 126.2
160 55.1 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.437 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN036764.D
Acq: 28 Mar 2025 07:58

Tgt Ion:330 Resp: 363
Ion Ratio Lower Upper
330 100
332 94.5 75.2 112.8
141 52.6 43.4 65.2

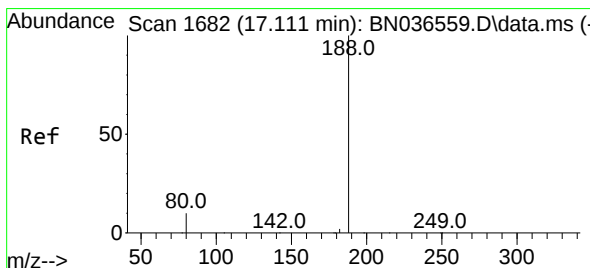
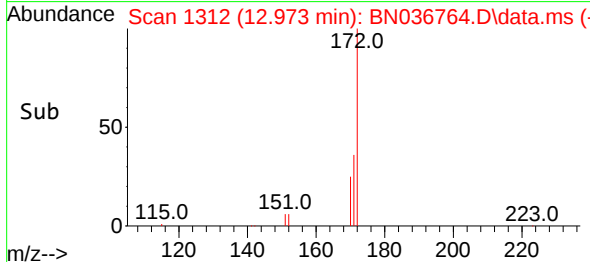
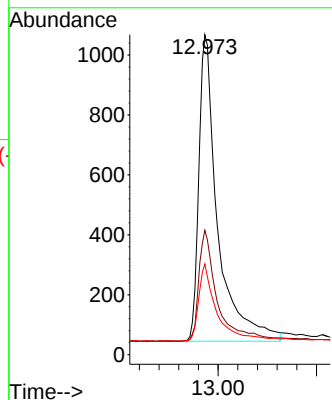
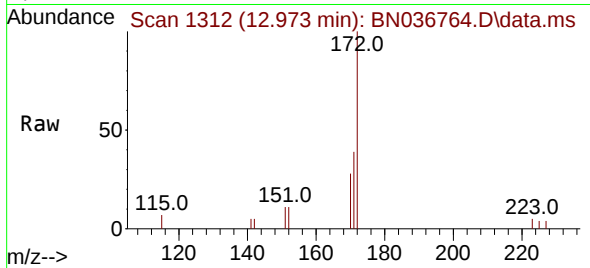




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.973 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN036764.D
Acq: 28 Mar 2025 07:58

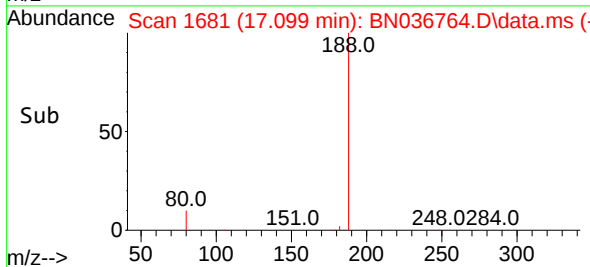
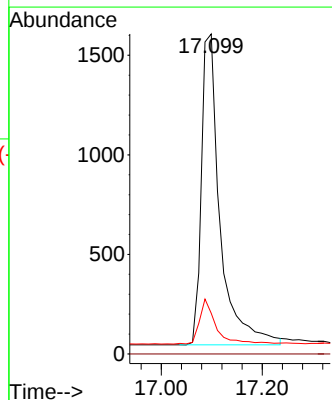
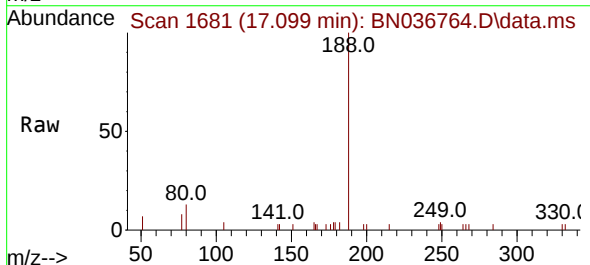
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RW8-MW01D2-20250319

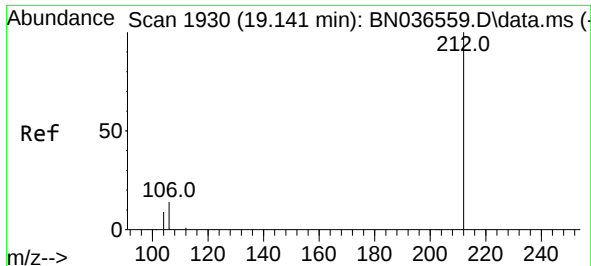
Tgt Ion:172 Resp: 3464
Ion Ratio Lower Upper
172 100
171 38.9 29.5 44.3
170 28.4 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036764.D
Acq: 28 Mar 2025 07:58

Tgt Ion:188 Resp: 4015
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 8.8 13.2

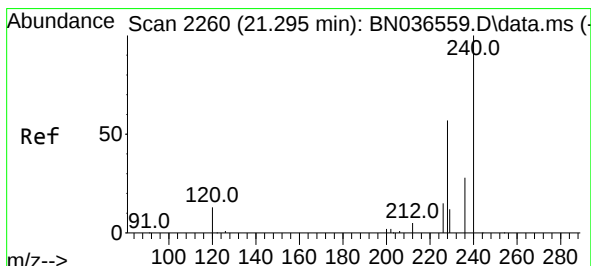
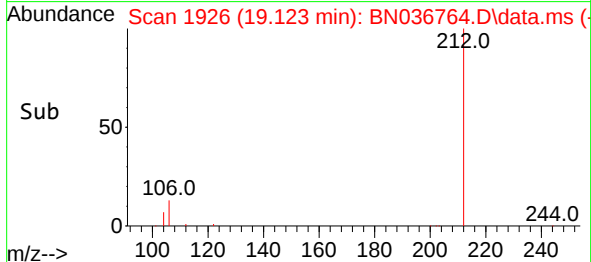
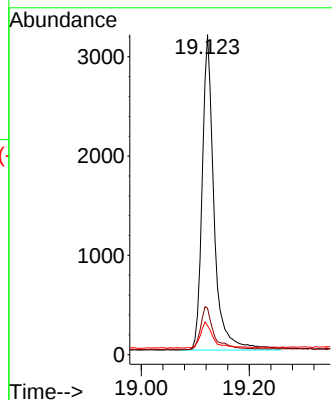
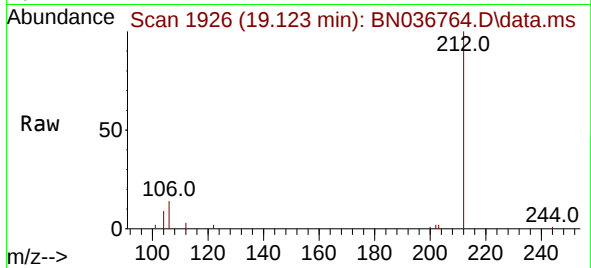




#27
Fluoranthene-d10
Concen: 0.473 ng
RT: 19.123 min Scan# 1930
Delta R.T. -0.018 min
Lab File: BN036764.D
Acq: 28 Mar 2025 07:58

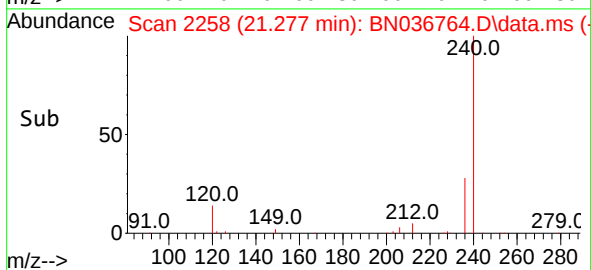
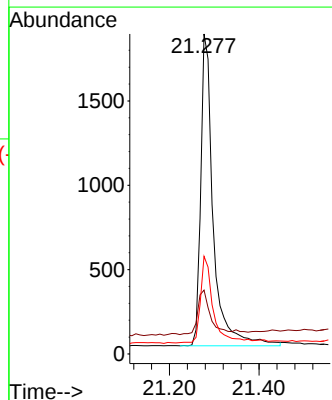
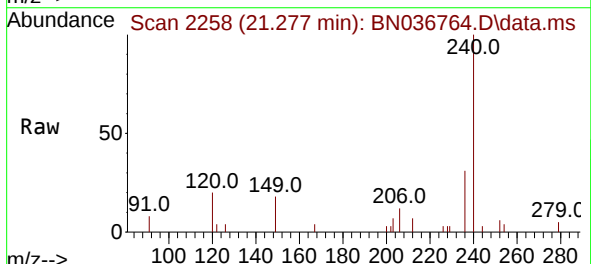
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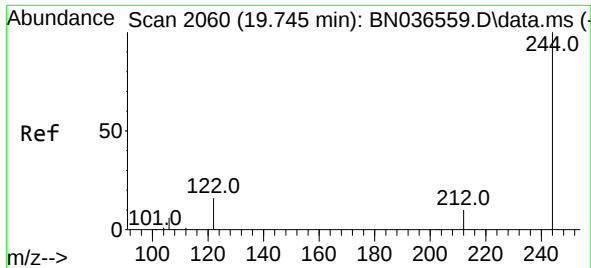
Tgt Ion:212 Resp: 4863
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.6
104 8.8 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036764.D
Acq: 28 Mar 2025 07:58

Tgt Ion:240 Resp: 3603
Ion Ratio Lower Upper
240 100
120 19.9 14.6 22.0
236 30.5 24.1 36.1

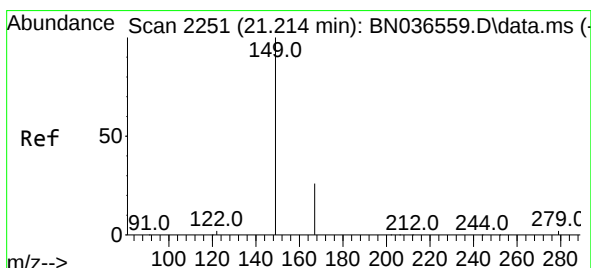
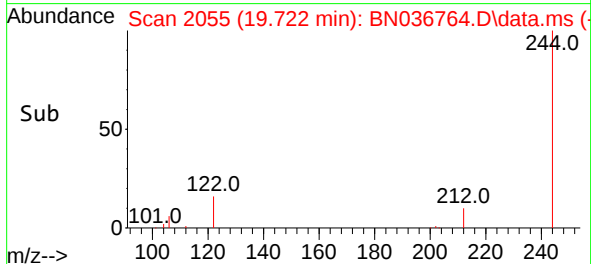
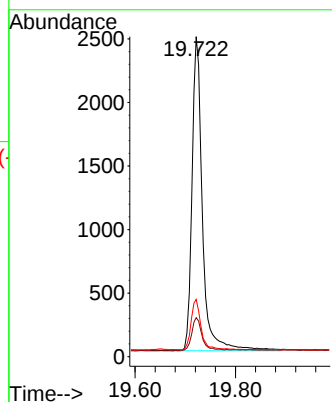
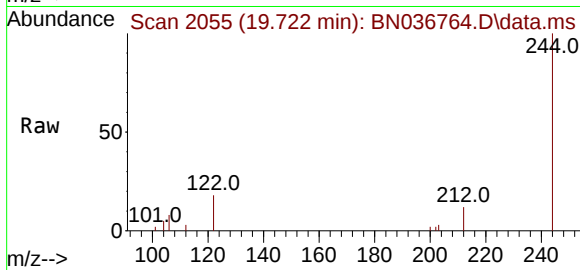




#31
 Terphenyl-d14
 Concen: 0.413 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036764.D
 Acq: 28 Mar 2025 07:58

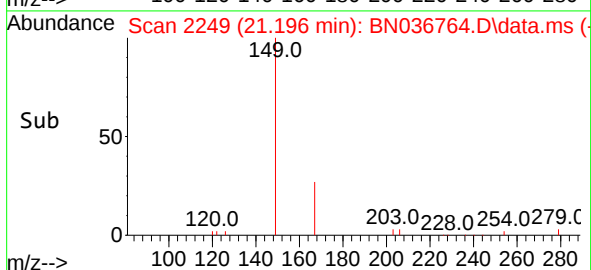
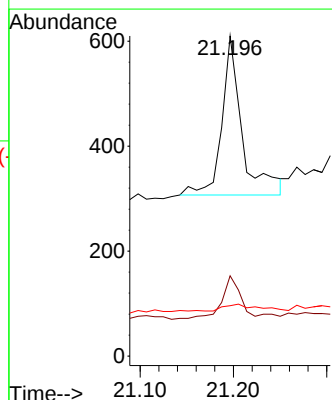
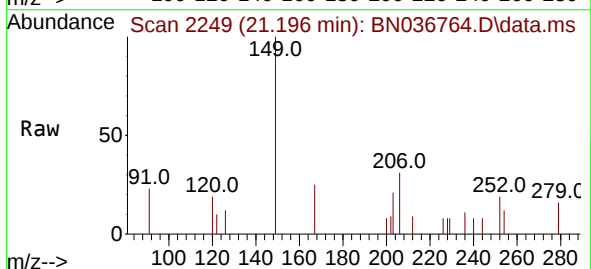
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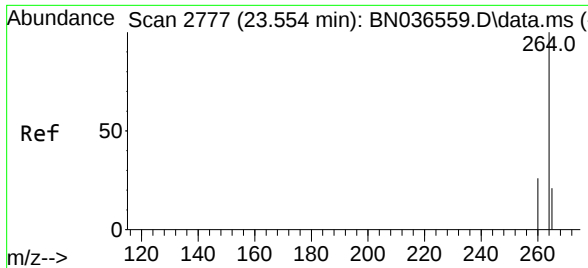
Tgt Ion:244	Resp:	3565
Ion Ratio	Lower	Upper
244	100	
212	12.2	9.6 14.4
122	17.9	13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036764.D
 Acq: 28 Mar 2025 07:58

Tgt Ion:149	Resp:	456
Ion Ratio	Lower	Upper
149	100	
167	24.3	20.7 31.1
279	7.0	3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.525 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BN036764.D
 Acq: 28 Mar 2025 07:58

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D2-20250319

Tgt Ion:264	Resp:	2549
Ion	Ratio	Lower Upper
264	100	
260	29.7	22.6 33.8
265	116.5	88.1 132.1

