

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036330.D
 Acq On : 06 Feb 2025 11:39
 Operator : RC/JU
 Sample : Q1225-01DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250129DL

Quant Time: Feb 06 12:09:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 01:04:09 2025
 Response via : Initial Calibration

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

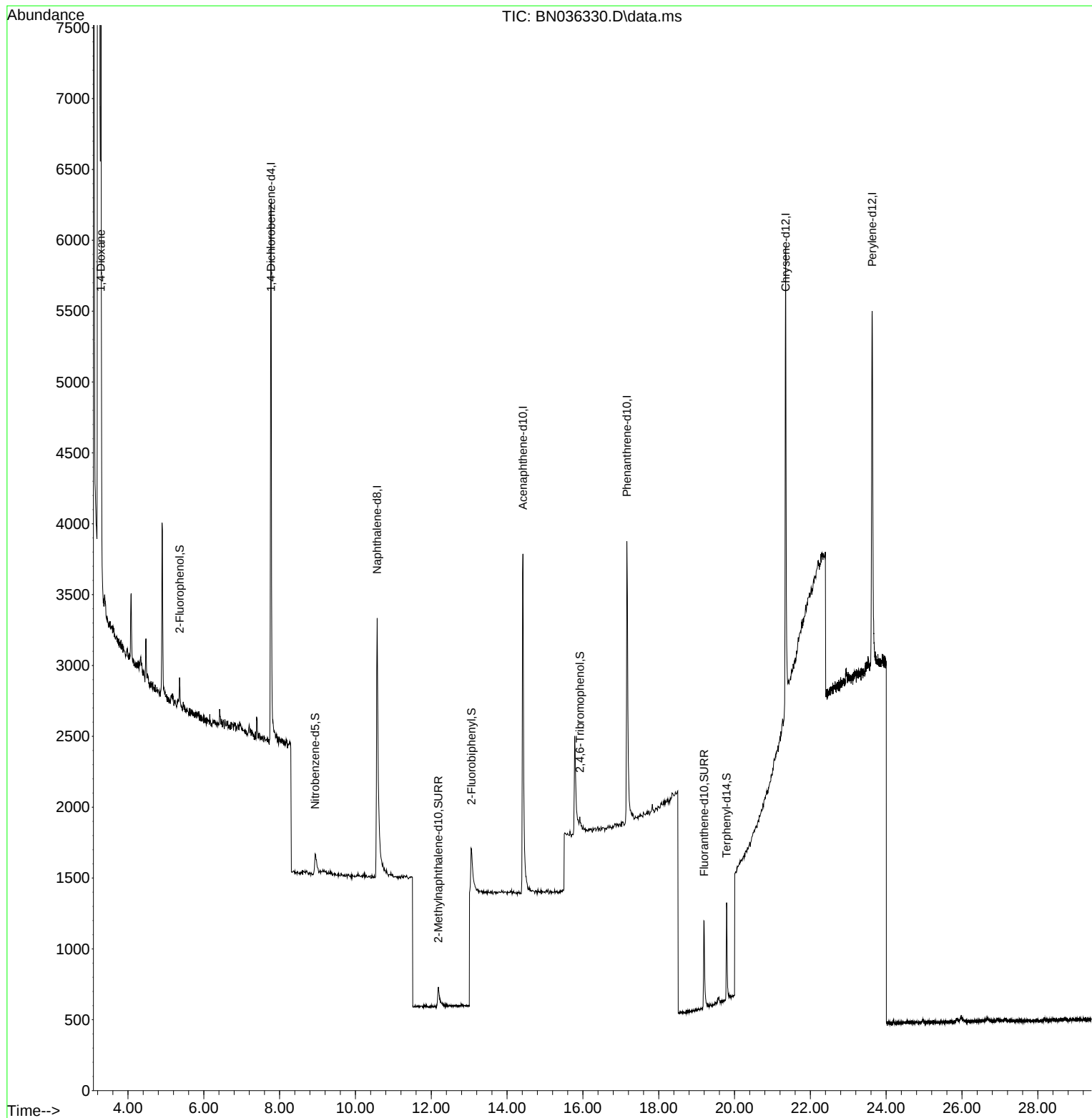
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2064	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	4355	0.400	ng	# 0.01
13) Acenaphthene-d10	14.420	164	2243	0.400	ng	0.01
19) Phenanthrene-d10	17.161	188	4222	0.400	ng	0.00
29) Chrysene-d12	21.348	240	3765	0.400	ng	0.00
35) Perylene-d12	23.630	264	4020	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	134	0.025	ng	0.00
5) Phenol-d6	6.952	99	76	0.012	ng	0.00
8) Nitrobenzene-d5	8.939	82	246	0.060	ng	0.01
11) 2-Methylnaphthalene-d10	12.187	152	405	0.068	ng	0.03
14) 2,4,6-Tribromophenol	15.920	330	87	0.060	ng	0.01
15) 2-Fluorobiphenyl	13.062	172	708	0.071	ng	0.02
27) Fluoranthene-d10	19.197	212	980	0.090	ng	0.00
31) Terphenyl-d14	19.791	244	855	0.109	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.283	88	3466	1.502	ng	Qvalue 96

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

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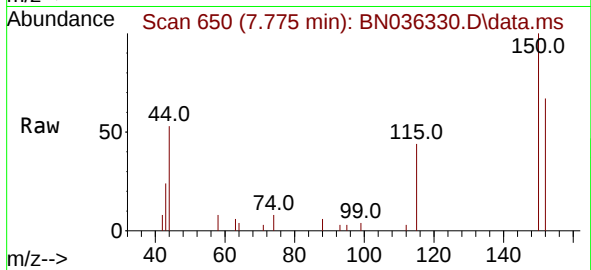
Quant Time: Feb 06 12:09:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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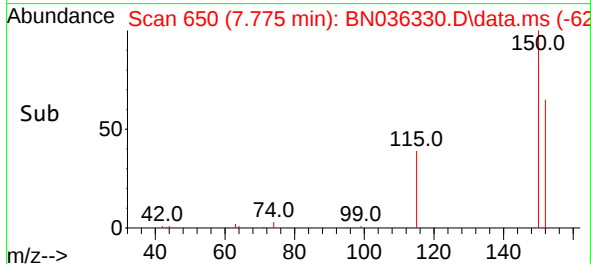
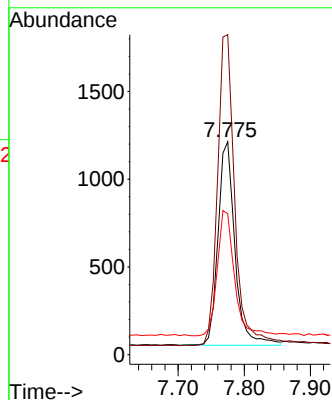
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036330.D
 Acq: 06 Feb 2025 11:39

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250129DL



Tgt Ion: 152 Resp: 2064

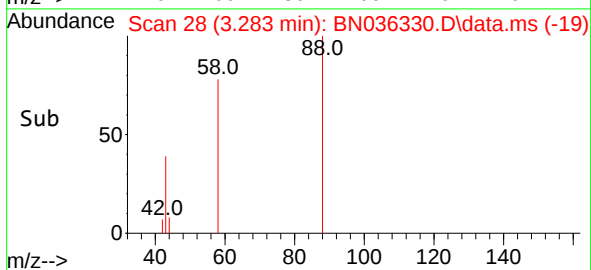
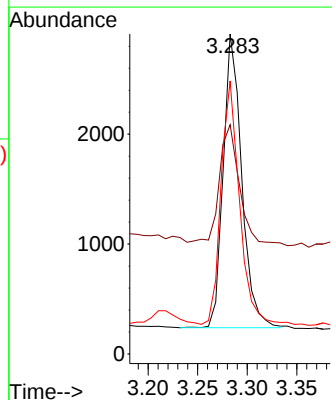
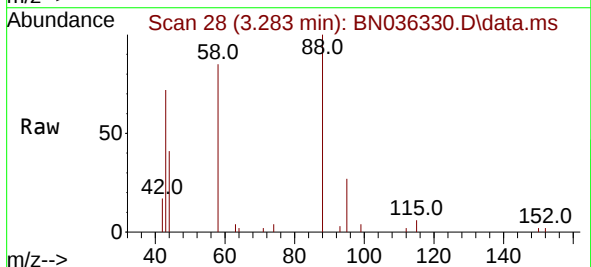
Ion	Ratio	Lower	Upper
152	100		
150	150.2	117.4	176.2
115	66.1	51.0	76.4

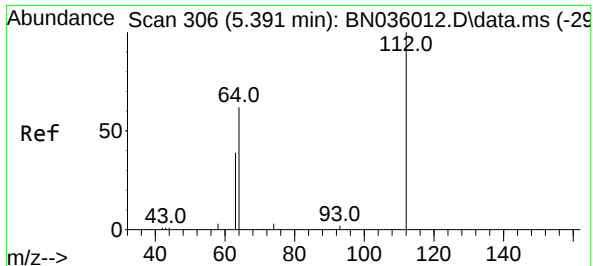


#2
 1,4-Dioxane
 Concen: 1.502 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.007 min
 Lab File: BN036330.D
 Acq: 06 Feb 2025 11:39

Tgt Ion: 88 Resp: 3466

Ion	Ratio	Lower	Upper
88	100		
43	41.6	38.5	57.7
58	82.5	66.6	99.8

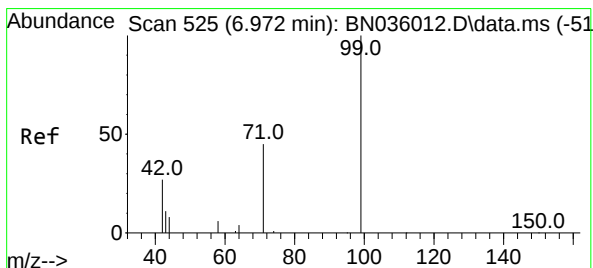
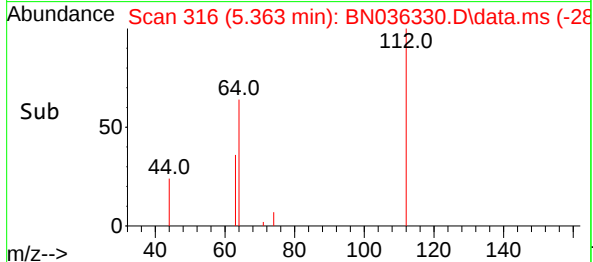
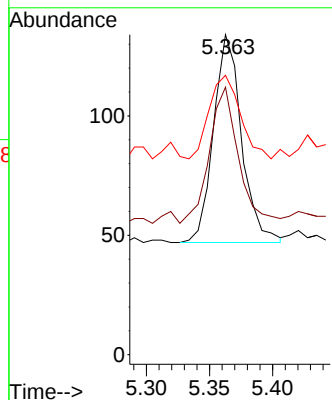
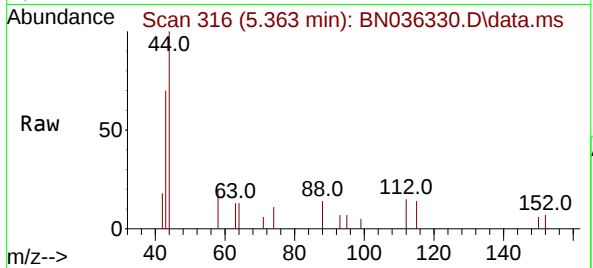




#4
2-Fluorophenol
Concen: 0.025 ng
RT: 5.363 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN036330.D
Acq: 06 Feb 2025 11:39

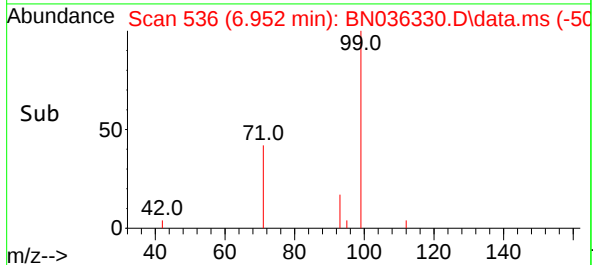
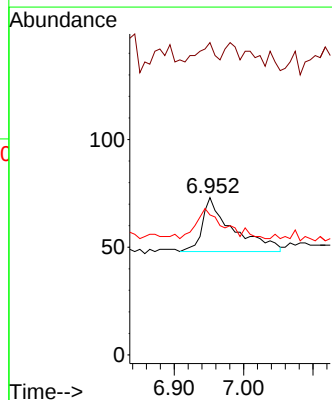
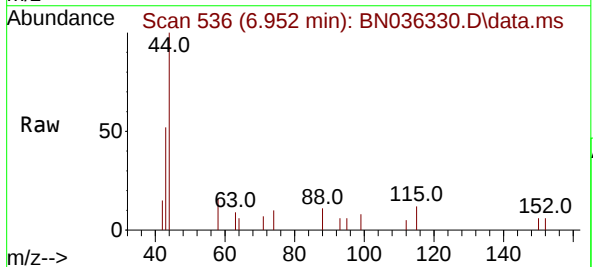
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250129DL

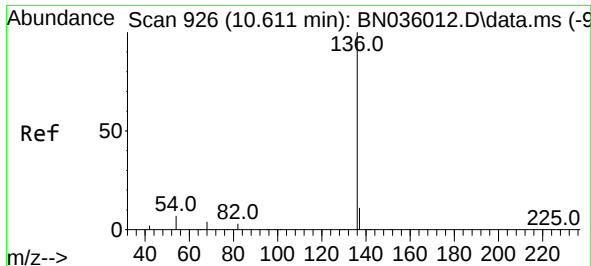
Tgt Ion:112 Resp: 134
Ion Ratio Lower Upper
112 100
64 69.4 50.0 75.0
63 44.8 30.7 46.1



#5
Phenol-d6
Concen: 0.012 ng
RT: 6.952 min Scan# 536
Delta R.T. -0.000 min
Lab File: BN036330.D
Acq: 06 Feb 2025 11:39

Tgt Ion: 99 Resp: 76
Ion Ratio Lower Upper
99 100
42 19.7 26.8 40.2#
71 44.7 36.6 55.0

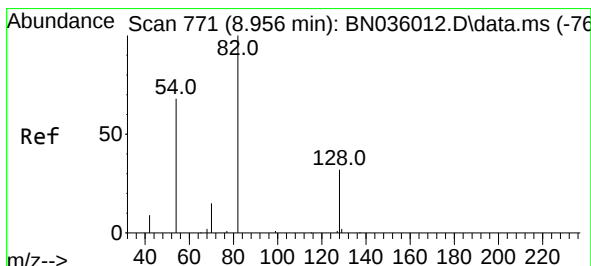
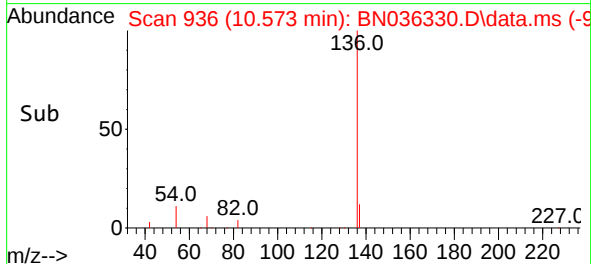
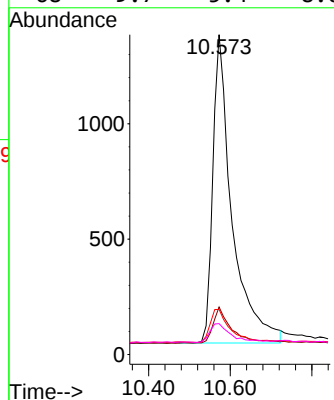
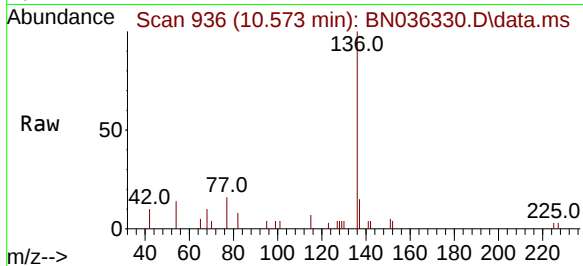




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. 0.010 min
Lab File: BN036330.D
Acq: 06 Feb 2025 11:39

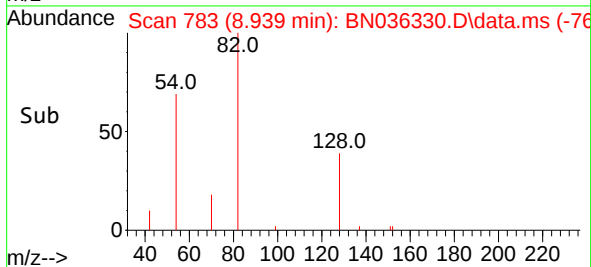
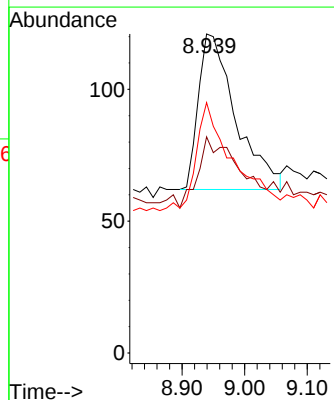
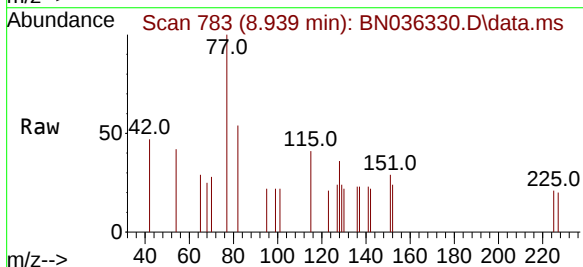
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250129DL

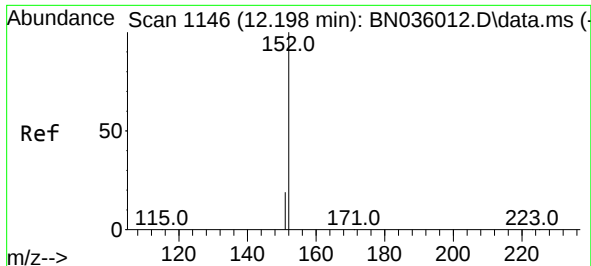
Tgt Ion:	136	Resp:	4355
Ion	Ratio	Lower	Upper
136	100		
137	14.9	10.4	15.6
54	14.1	7.7	11.5#
68	9.7	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.060 ng
RT: 8.939 min Scan# 783
Delta R.T. 0.010 min
Lab File: BN036330.D
Acq: 06 Feb 2025 11:39

Tgt Ion:	82	Resp:	246
Ion	Ratio	Lower	Upper
82	100		
128	67.8	28.8	43.2#
54	78.5	55.8	83.8

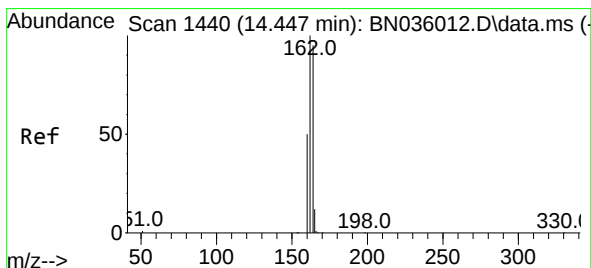
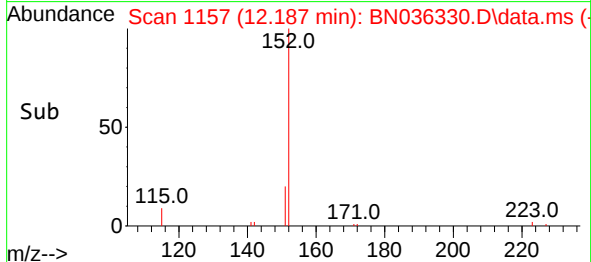
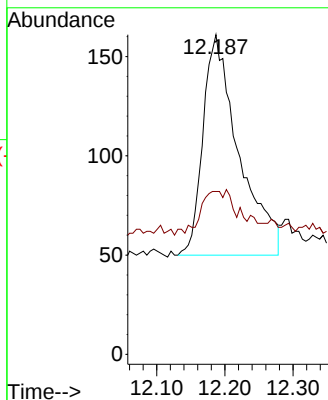
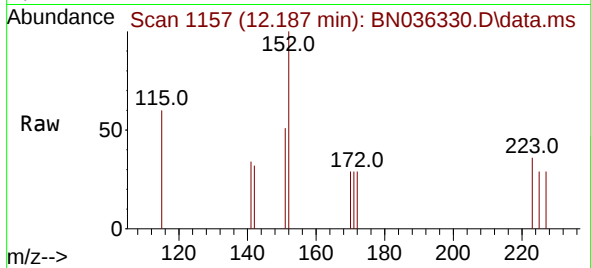




#11
2-Methylnaphthalene-d10
Concen: 0.068 ng
RT: 12.187 min Scan# 1146
Delta R.T. 0.030 min
Lab File: BN036330.D
Acq: 06 Feb 2025 11:39

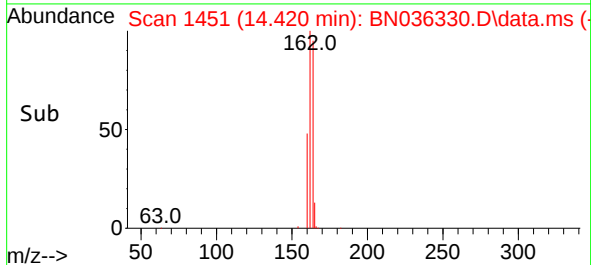
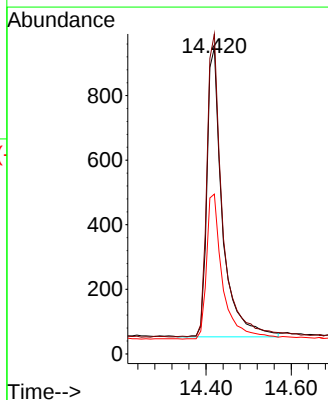
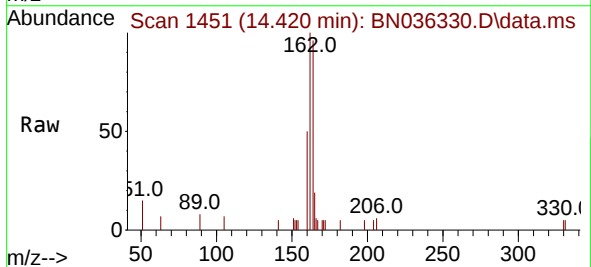
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BNA_N
ClientSampleId :
RW5-SP100-20250129DL

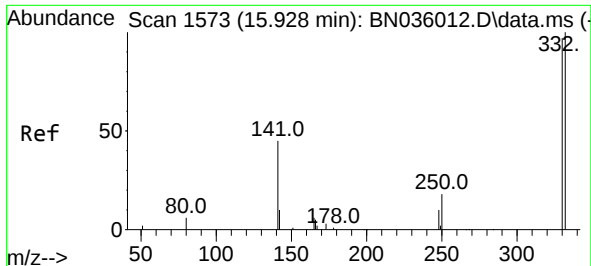
Tgt Ion:152 Resp: 405
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 1451
Delta R.T. 0.011 min
Lab File: BN036330.D
Acq: 06 Feb 2025 11:39

Tgt Ion:164 Resp: 2243
Ion Ratio Lower Upper
164 100
162 104.5 84.1 126.1
160 52.2 43.8 65.8

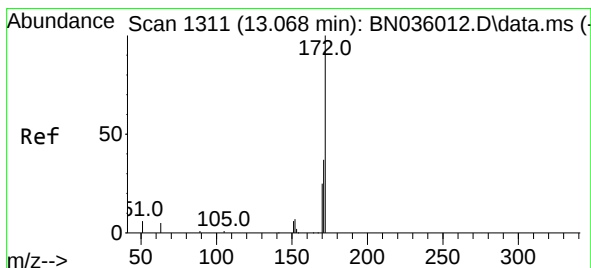
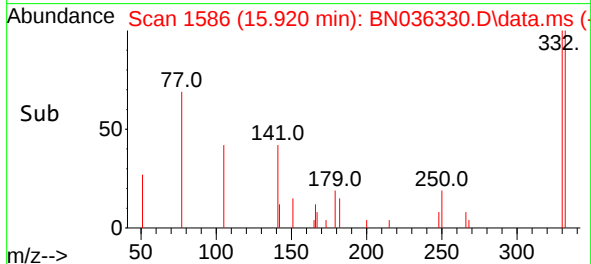
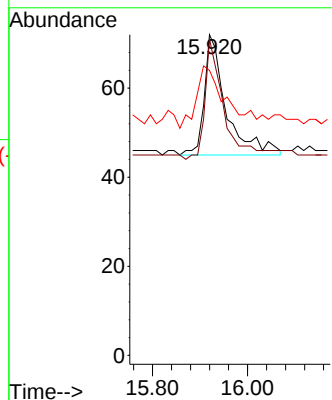
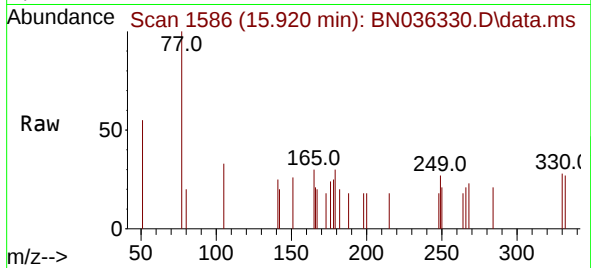




#14
2,4,6-Tribromophenol
Concen: 0.060 ng
RT: 15.920 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN036330.D
Acq: 06 Feb 2025 11:39

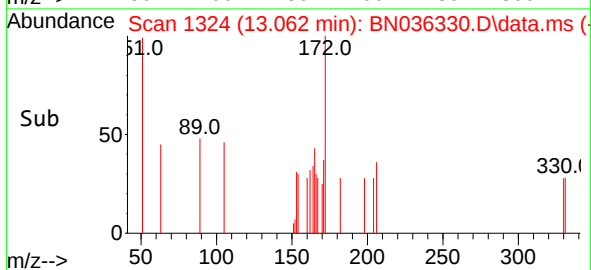
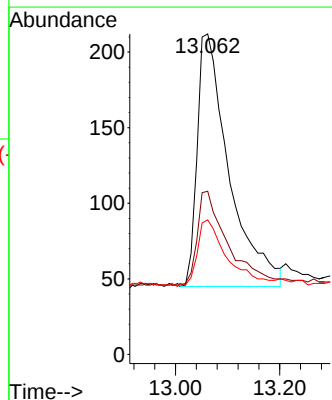
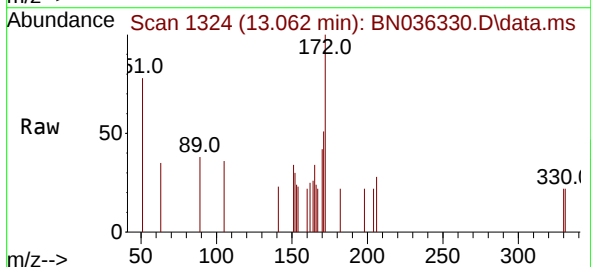
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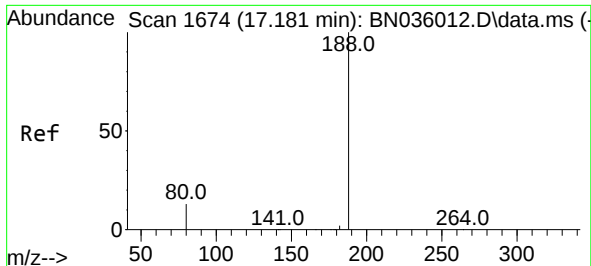
Tgt Ion:330 Resp: 87
Ion Ratio Lower Upper
330 100
332 88.5 81.0 121.4
141 63.2 36.7 55.1#



#15
2-Fluorobiphenyl
Concen: 0.071 ng
RT: 13.062 min Scan# 1324
Delta R.T. 0.021 min
Lab File: BN036330.D
Acq: 06 Feb 2025 11:39

Tgt Ion:172 Resp: 708
Ion Ratio Lower Upper
172 100
171 50.9 30.9 46.3#
170 42.0 21.2 31.8#

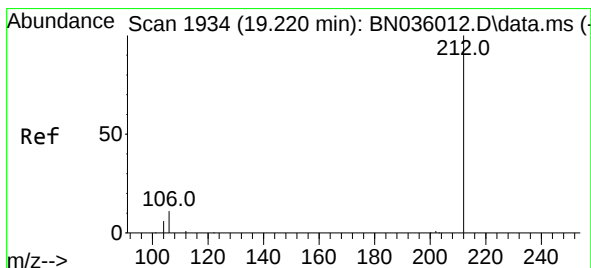
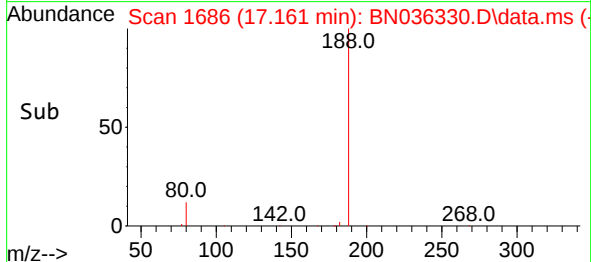
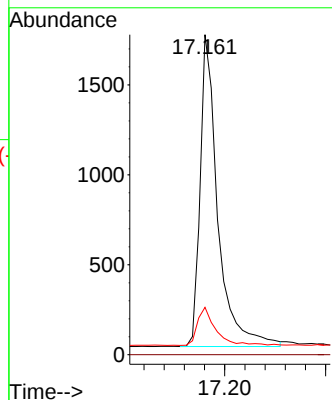
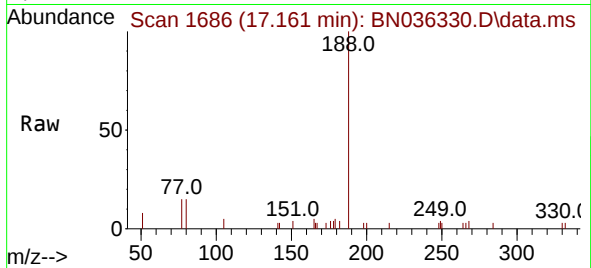




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.161 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036330.D
Acq: 06 Feb 2025 11:39

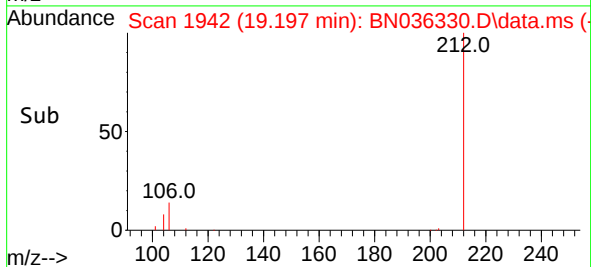
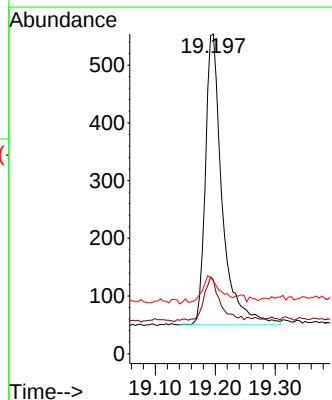
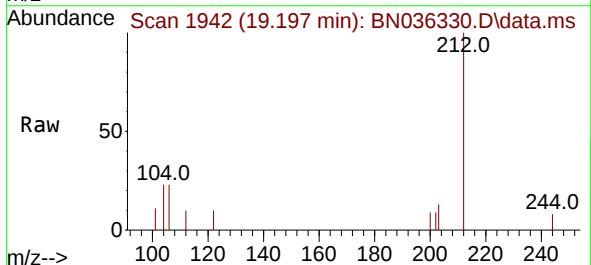
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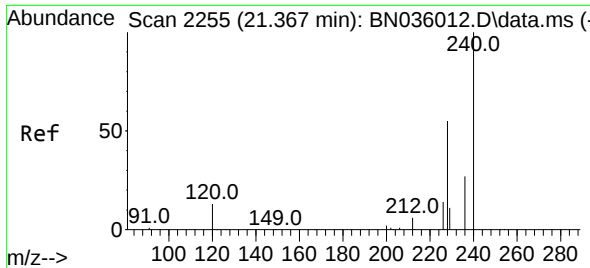
Tgt Ion:188 Resp: 4222
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.090 ng
RT: 19.197 min Scan# 1942
Delta R.T. 0.009 min
Lab File: BN036330.D
Acq: 06 Feb 2025 11:39

Tgt Ion:212 Resp: 980
Ion Ratio Lower Upper
212 100
106 13.6 9.7 14.5
104 8.6 6.0 9.0

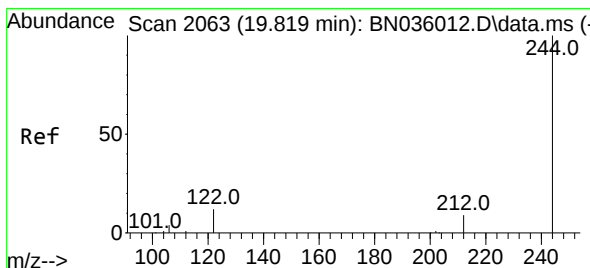
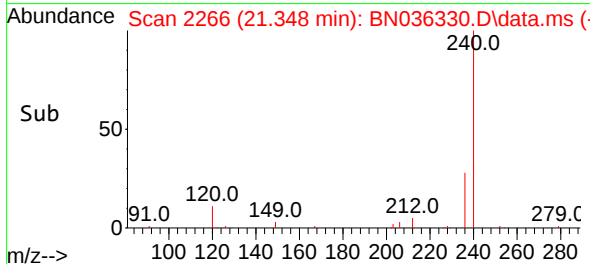
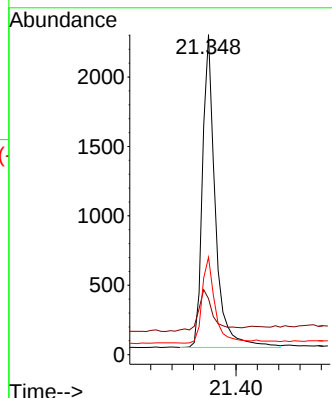
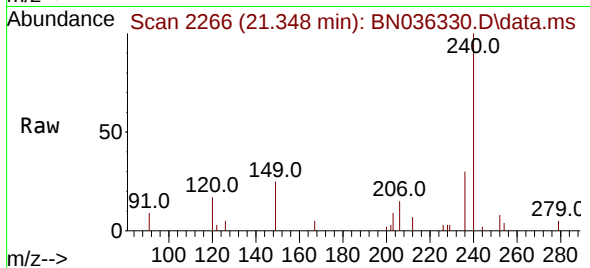




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.348 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN036330.D
Acq: 06 Feb 2025 11:39

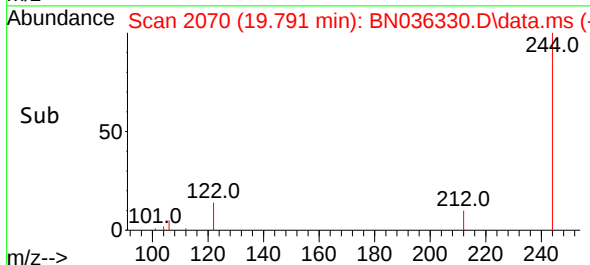
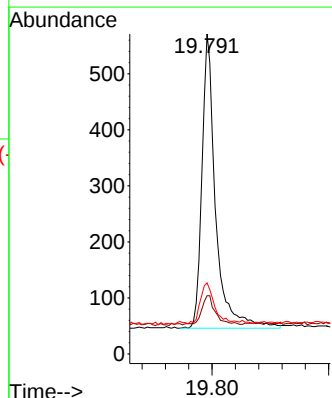
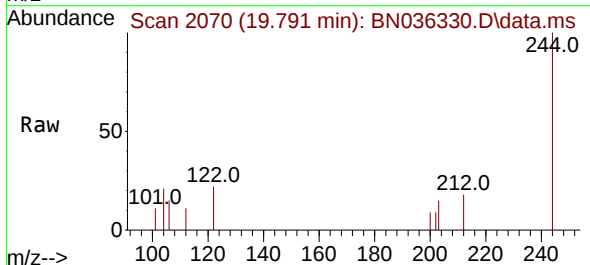
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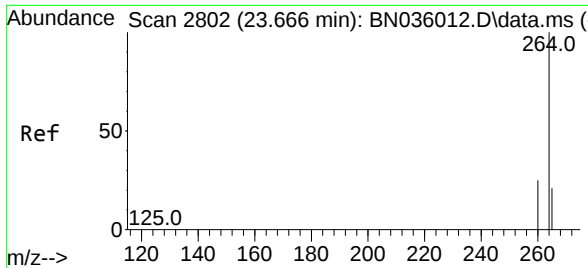
Tgt Ion:240 Resp: 3765
Ion Ratio Lower Upper
240 100
120 17.5 13.9 20.9
236 30.5 23.7 35.5



#31
Terphenyl-d14
Concen: 0.109 ng
RT: 19.791 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BN036330.D
Acq: 06 Feb 2025 11:39

Tgt Ion:244 Resp: 855
Ion Ratio Lower Upper
244 100
212 18.2 9.1 13.7#
122 22.2 11.3 16.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.630 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN036330.D
 Acq: 06 Feb 2025 11:39

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250129DL

Tgt Ion:	264	Resp:	4020
Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.8	32.6
265	119.3	56.6	84.8

