

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
 Data File : BN035931.D
 Acq On : 15 Jan 2025 13:27
 Operator : RC/JU
 Sample : Q1081-01DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250113DL

Quant Time: Jan 15 13:51:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 15:39:17 2025
 Response via : Initial Calibration

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

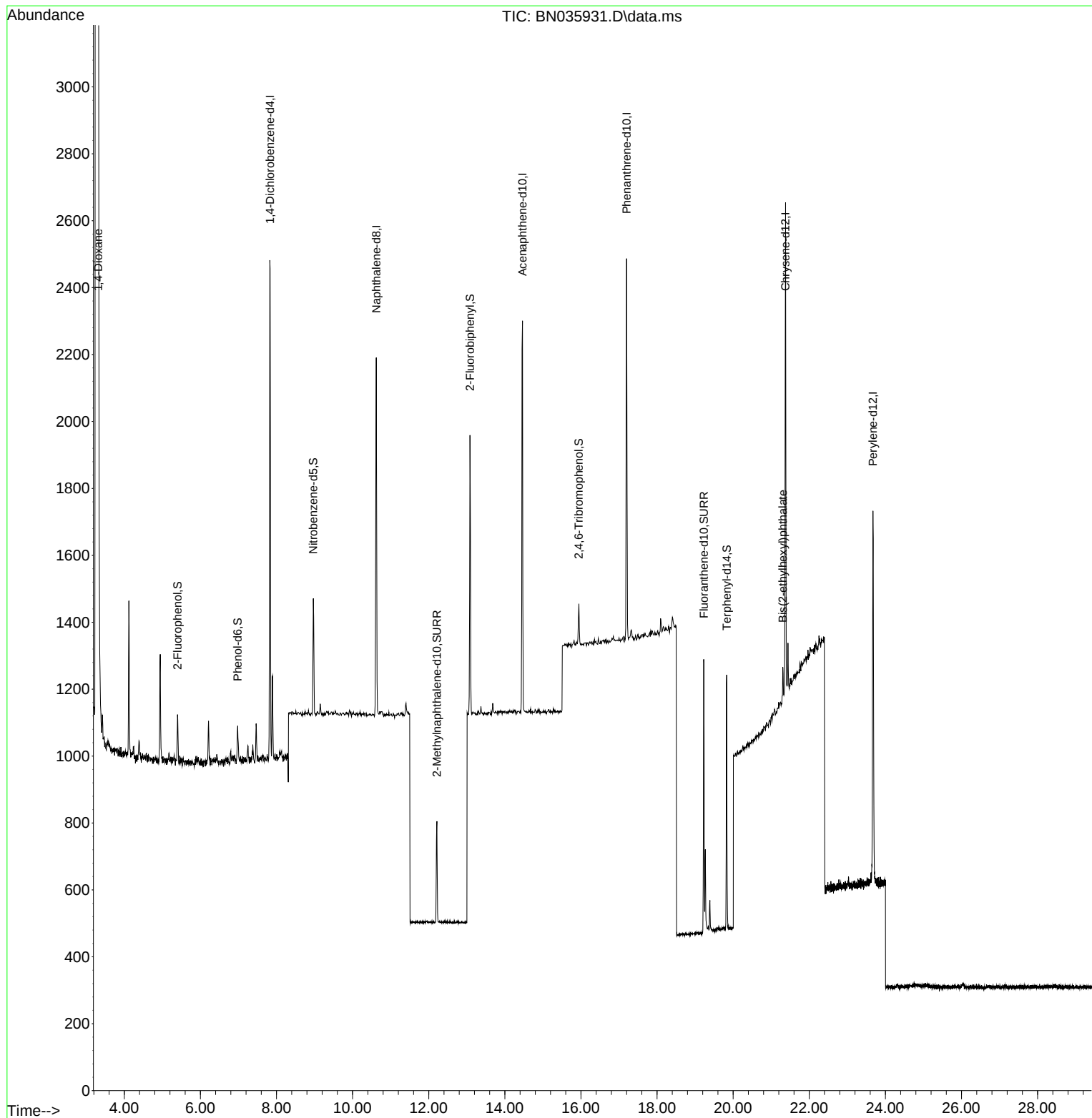
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	697	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1310	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	702	0.400	ng	0.00
19) Phenanthrene-d10	17.198	188	1447	0.400	ng	-0.01
29) Chrysene-d12	21.376	240	1312	0.400	ng	0.00
35) Perylene-d12	23.675	264	1477	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	107	0.063	ng	-0.01
5) Phenol-d6	6.979	99	84	0.040	ng	0.00
8) Nitrobenzene-d5	8.967	82	253	0.244	ng	-0.01
11) 2-Methylnaphthalene-d10	12.213	152	397	0.226	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	74	0.220	ng	-0.01
15) 2-Fluorobiphenyl	13.084	172	654	0.212	ng	0.00
27) Fluoranthene-d10	19.230	212	938	0.261	ng	0.00
31) Terphenyl-d14	19.829	244	721	0.276	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.318	88	1592	2.300	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.304	149	98	0.052	ng	92

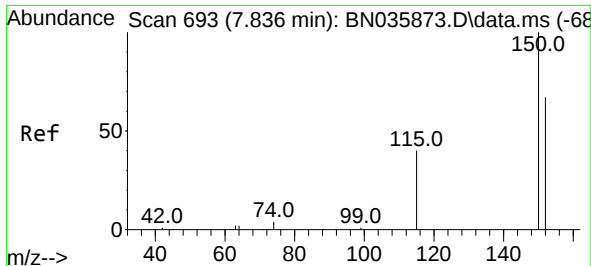
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
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RW7-SP100-20250113DL

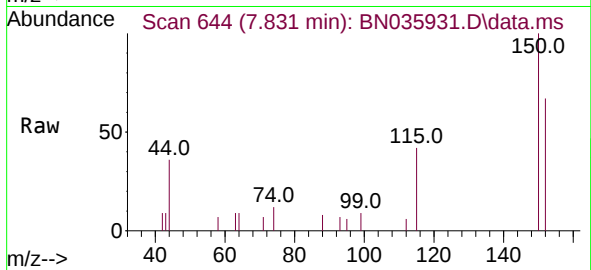
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration



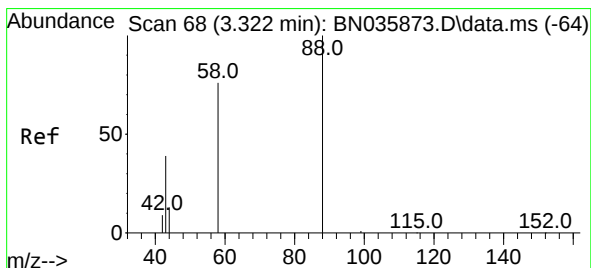
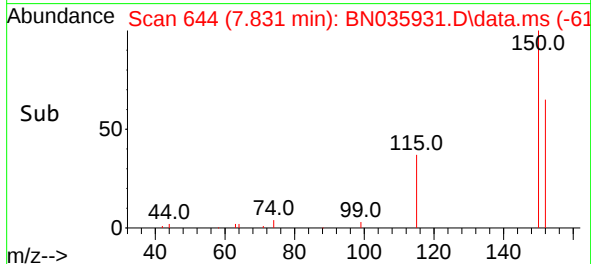
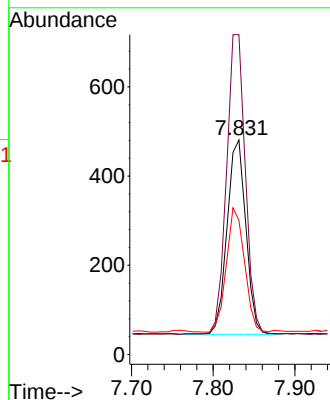


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.831 min Scan# 64
 Delta R.T. -0.005 min
 Lab File: BN035931.D
 Acq: 15 Jan 2025 13:27

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250113DL

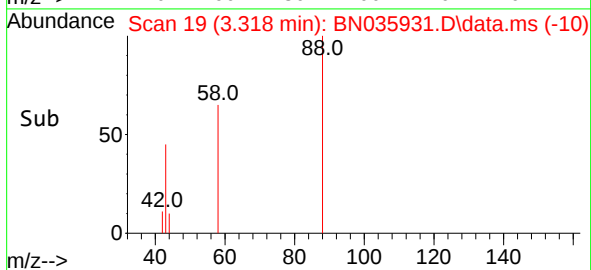
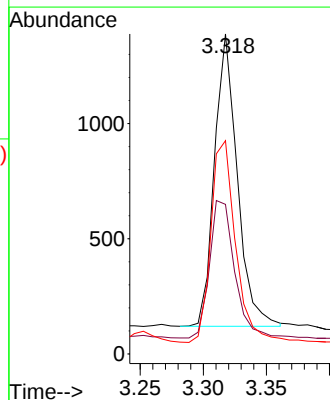
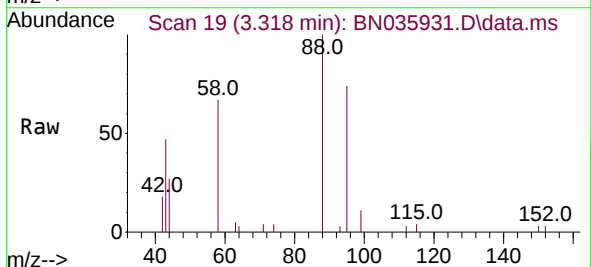


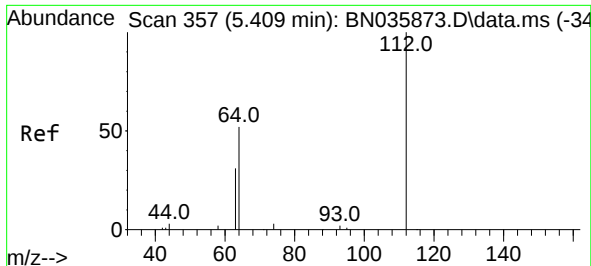
Tgt Ion:152 Resp: 697
 Ion Ratio Lower Upper
 152 100
 150 149.1 117.8 176.6
 115 62.6 51.0 76.4



#2
 1,4-Dioxane
 Concen: 2.300 ng
 RT: 3.318 min Scan# 19
 Delta R.T. -0.004 min
 Lab File: BN035931.D
 Acq: 15 Jan 2025 13:27

Tgt Ion: 88 Resp: 1592
 Ion Ratio Lower Upper
 88 100
 43 51.8 32.7 49.1#
 58 74.7 63.0 94.4

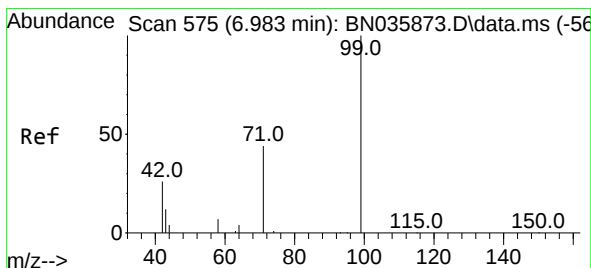
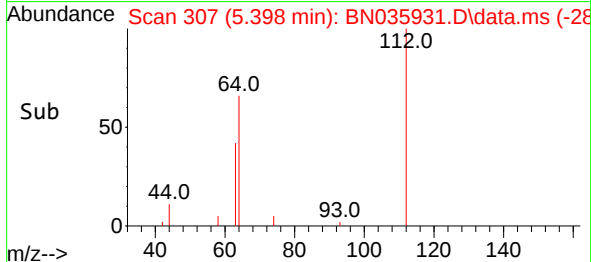
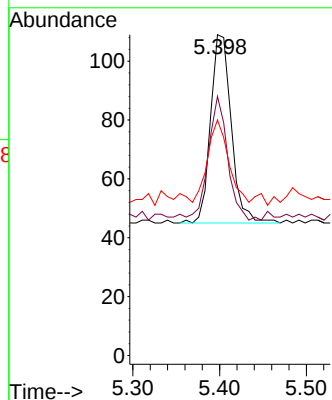
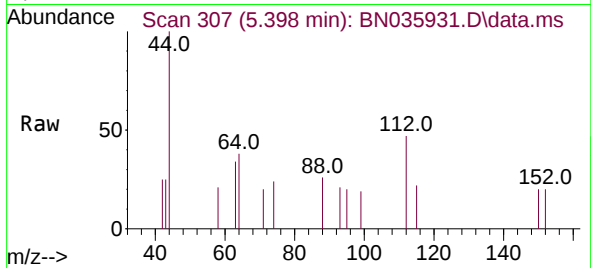




#4
2-Fluorophenol
Concen: 0.063 ng
RT: 5.398 min Scan# 307
Delta R.T. -0.011 min
Lab File: BN035931.D
Acq: 15 Jan 2025 13:27

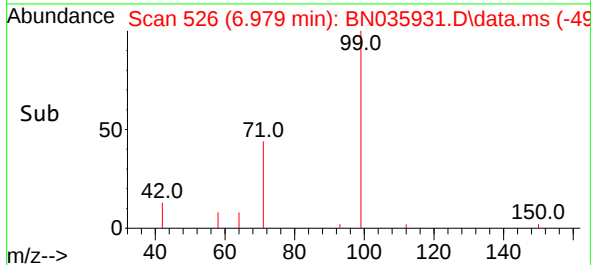
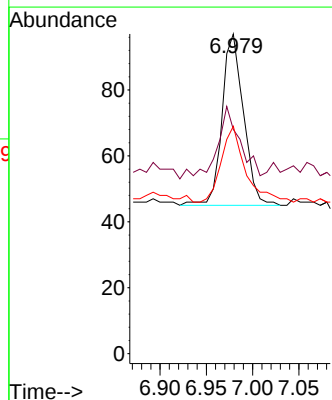
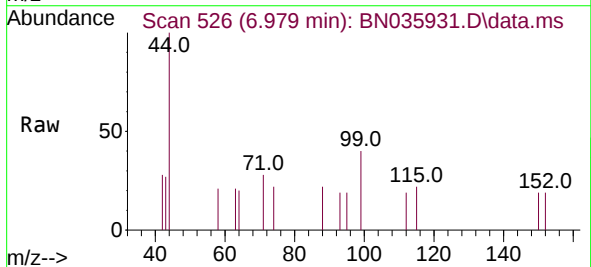
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250113DL

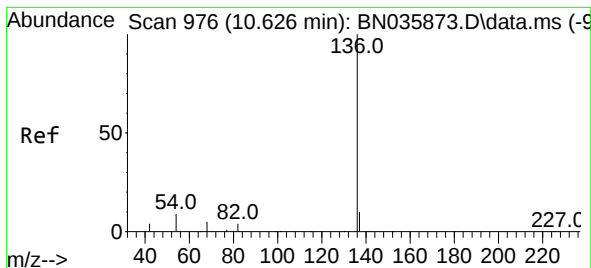
Tgt Ion:112 Resp: 107
Ion Ratio Lower Upper
112 100
64 61.7 48.2 72.2
63 43.0 30.0 45.0



#5
Phenol-d6
Concen: 0.040 ng
RT: 6.979 min Scan# 526
Delta R.T. -0.004 min
Lab File: BN035931.D
Acq: 15 Jan 2025 13:27

Tgt Ion: 99 Resp: 84
Ion Ratio Lower Upper
99 100
42 46.4 23.5 35.3#
71 50.0 35.5 53.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.622 min Scan# 91

Delta R.T. -0.004 min

Lab File: BN035931.D

Acq: 15 Jan 2025 13:27

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250113DL

Tgt Ion:136 Resp: 1310

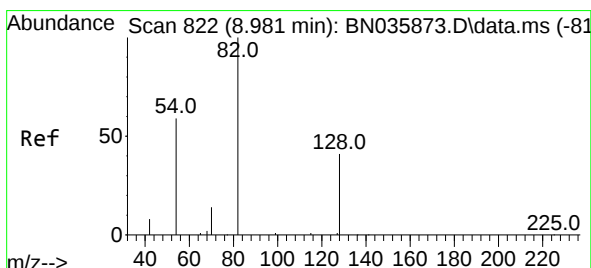
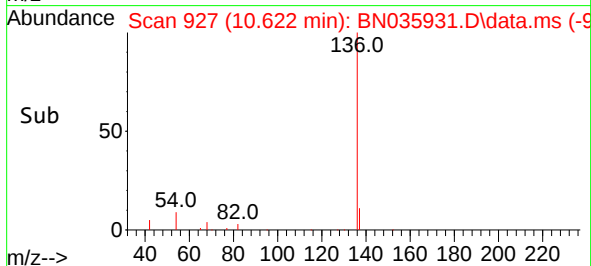
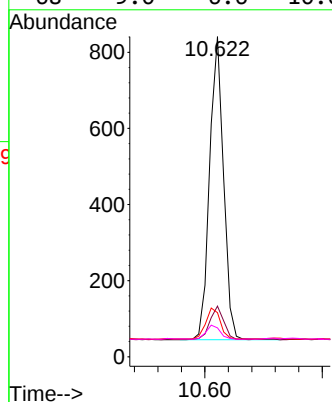
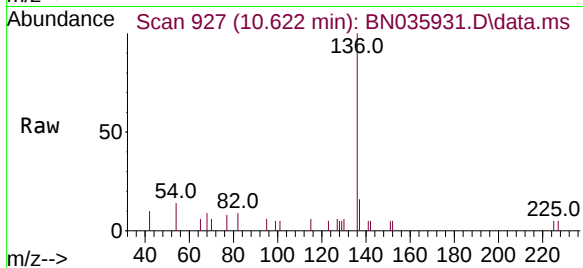
Ion Ratio Lower Upper

136 100

137 15.8 10.6 15.8

54 13.8 9.8 14.6

68 9.0 6.6 10.0



#8

Nitrobenzene-d5

Concen: 0.244 ng

RT: 8.967 min Scan# 772

Delta R.T. -0.015 min

Lab File: BN035931.D

Acq: 15 Jan 2025 13:27

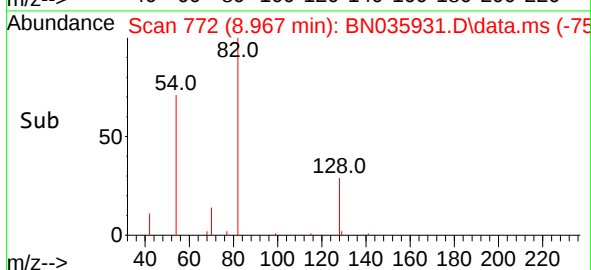
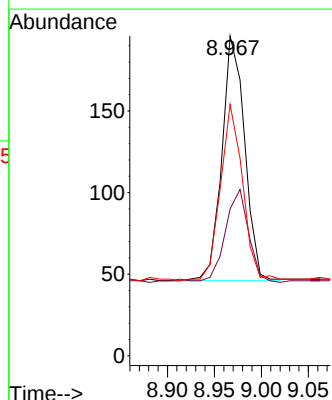
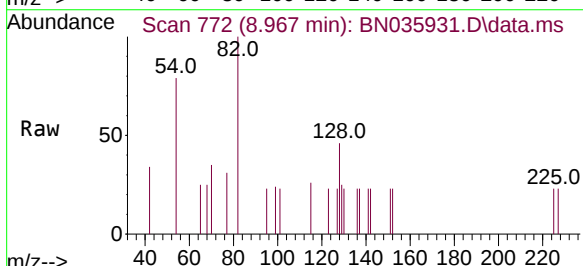
Tgt Ion: 82 Resp: 253

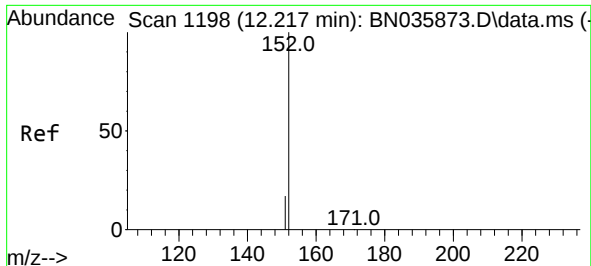
Ion Ratio Lower Upper

82 100

128 45.9 36.9 55.3

54 78.6 50.4 75.6#

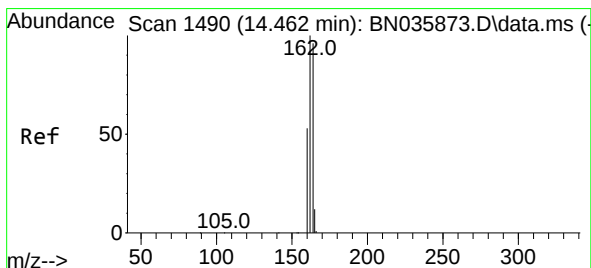
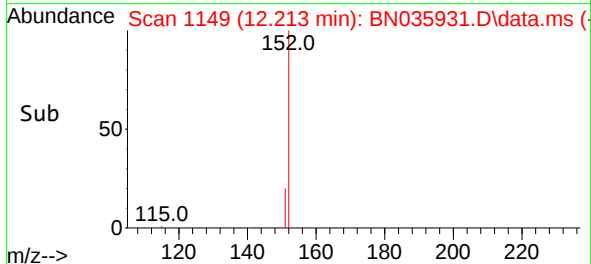
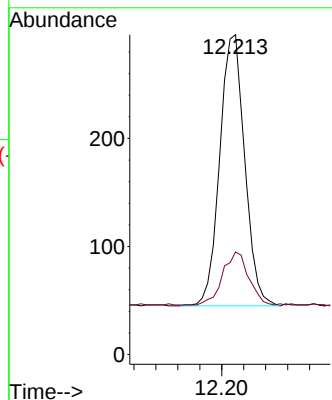
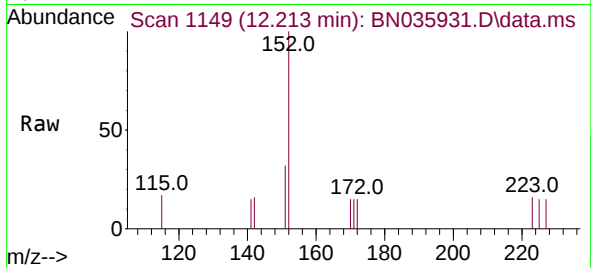




#11
2-Methylnaphthalene-d10
Concen: 0.226 ng
RT: 12.213 min Scan# 1198
Delta R.T. -0.004 min
Lab File: BN035931.D
Acq: 15 Jan 2025 13:27

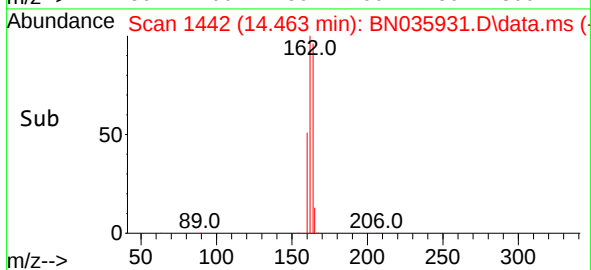
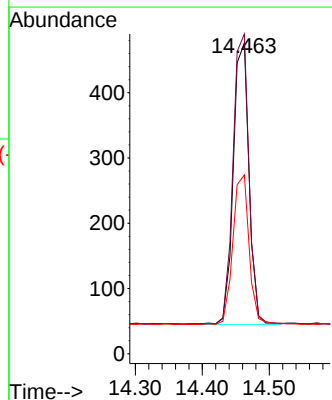
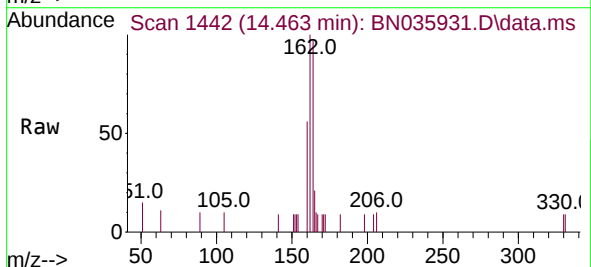
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250113DL

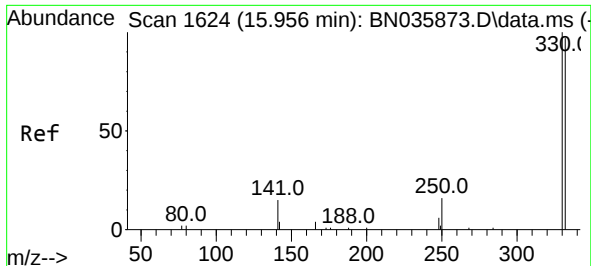
Tgt Ion:152 Resp: 397
Ion Ratio Lower Upper
152 100
151 19.9 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1442
Delta R.T. 0.001 min
Lab File: BN035931.D
Acq: 15 Jan 2025 13:27

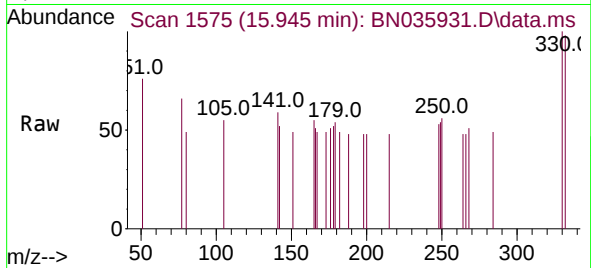
Tgt Ion:164 Resp: 702
Ion Ratio Lower Upper
164 100
162 102.9 83.1 124.7
160 57.6 46.0 69.0



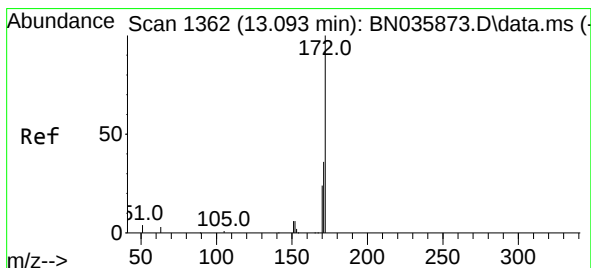
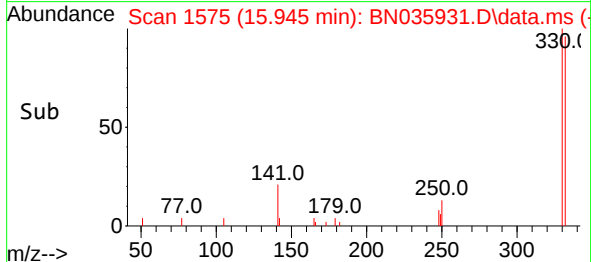
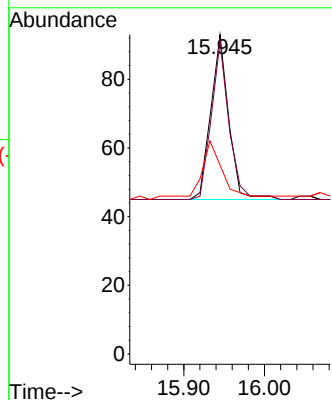


#14
2,4,6-Tribromophenol
Concen: 0.220 ng
RT: 15.945 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035931.D
Acq: 15 Jan 2025 13:27

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250113DL

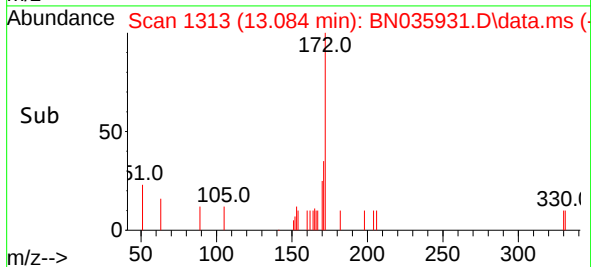
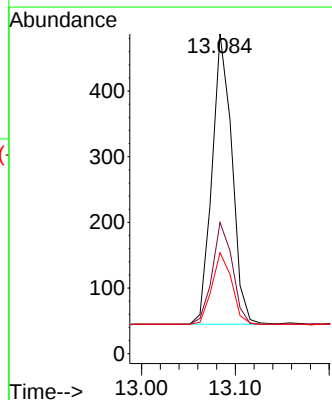
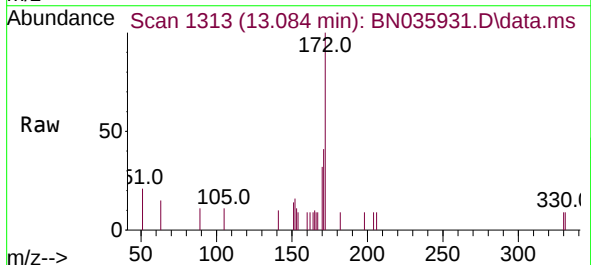


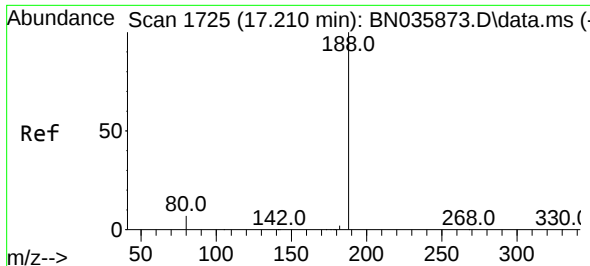
Tgt Ion:330 Resp: 74
Ion Ratio Lower Upper
330 100
332 94.6 77.2 115.8
141 48.6 31.6 47.4#



#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 13.084 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN035931.D
Acq: 15 Jan 2025 13:27

Tgt Ion:172 Resp: 654
Ion Ratio Lower Upper
172 100
171 41.1 30.5 45.7
170 31.6 20.8 31.2#

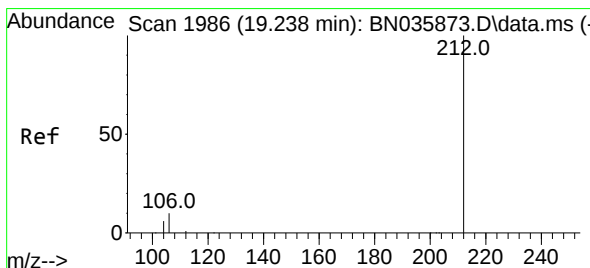
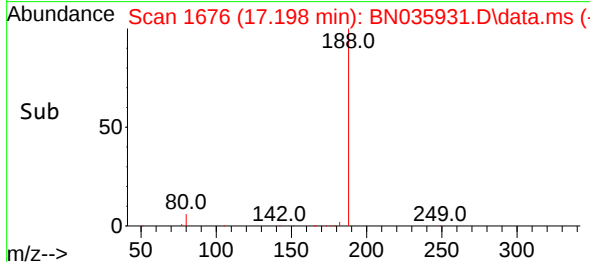
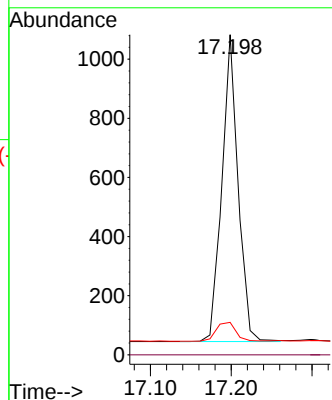
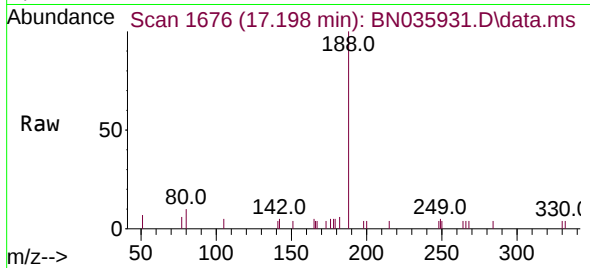




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035931.D
Acq: 15 Jan 2025 13:27

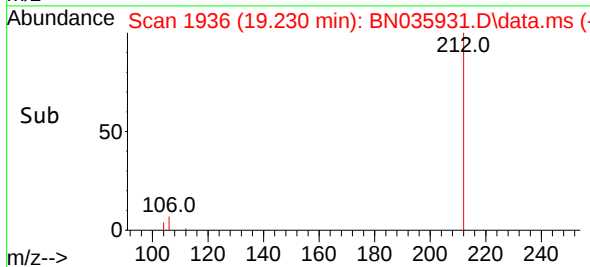
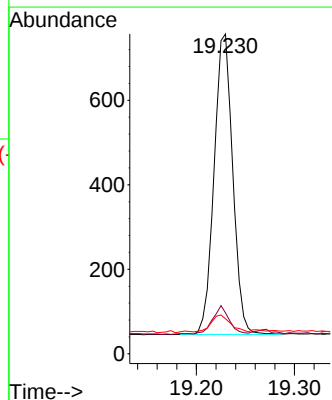
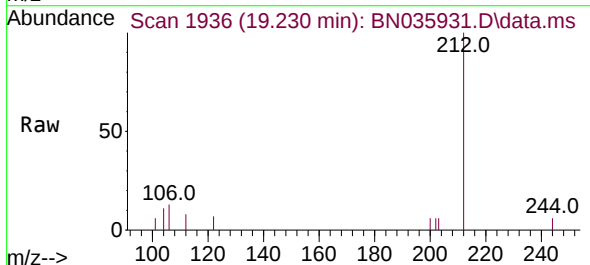
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BNA_N
ClientSampleId :
RW7-SP100-20250113DL

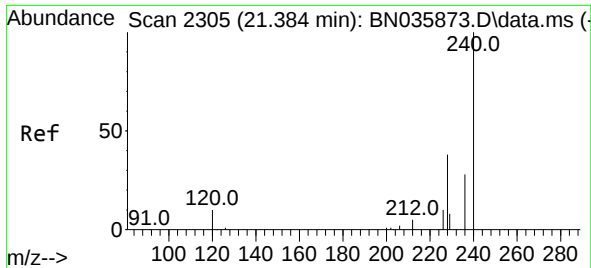
Tgt Ion:188 Resp: 1447
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 7.3 10.9



#27
Fluoranthene-d10
Concen: 0.261 ng
RT: 19.230 min Scan# 1936
Delta R.T. -0.008 min
Lab File: BN035931.D
Acq: 15 Jan 2025 13:27

Tgt Ion:212 Resp: 938
Ion Ratio Lower Upper
212 100
106 8.7 9.0 13.6#
104 5.7 5.4 8.2

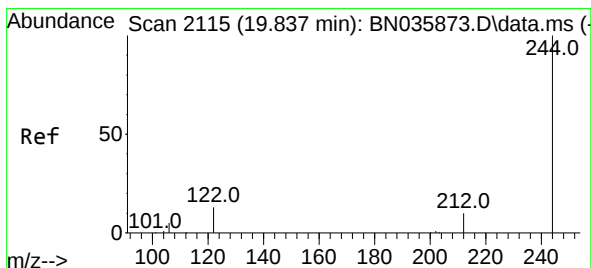
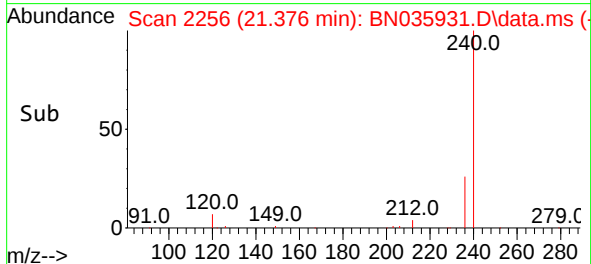
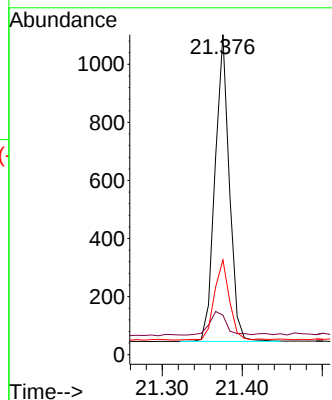
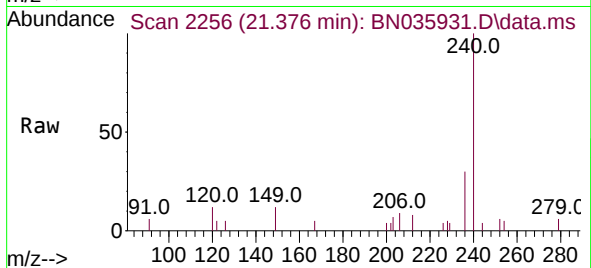




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN035931.D
Acq: 15 Jan 2025 13:27

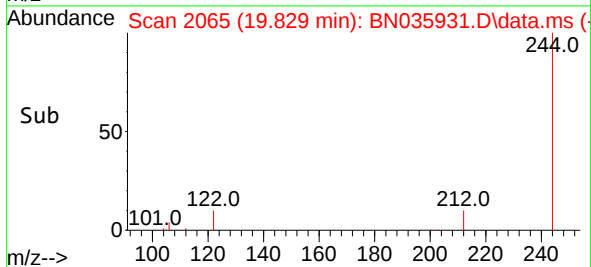
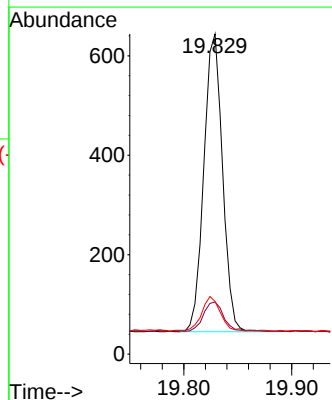
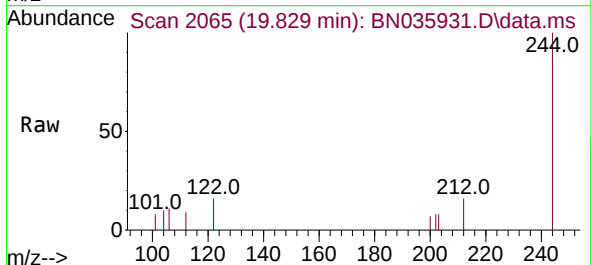
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250113DL

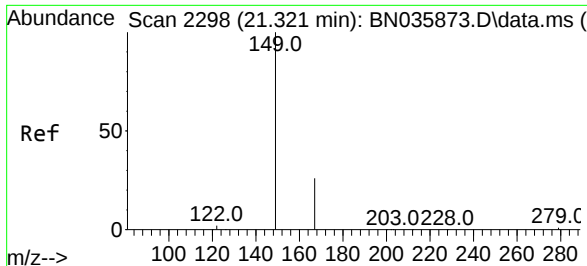
Tgt Ion:240 Resp: 1312
Ion Ratio Lower Upper
240 100
120 12.3 11.1 16.7
236 29.6 24.6 36.8



#31
Terphenyl-d14
Concen: 0.276 ng
RT: 19.829 min Scan# 2065
Delta R.T. -0.008 min
Lab File: BN035931.D
Acq: 15 Jan 2025 13:27

Tgt Ion:244 Resp: 721
Ion Ratio Lower Upper
244 100
212 16.3 10.1 15.1#
122 16.5 12.2 18.4

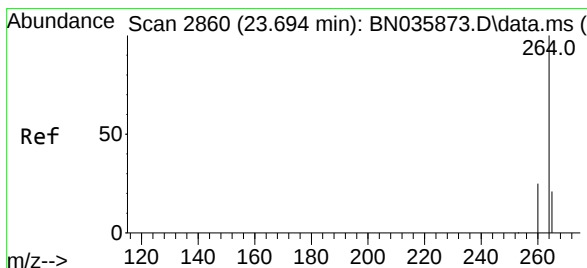
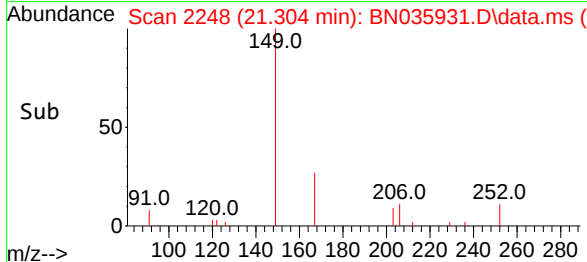
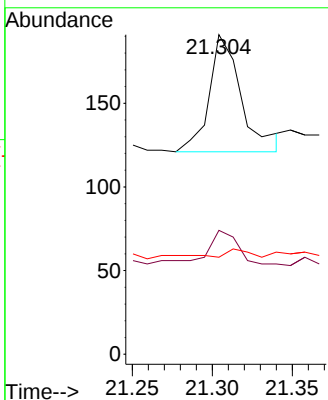
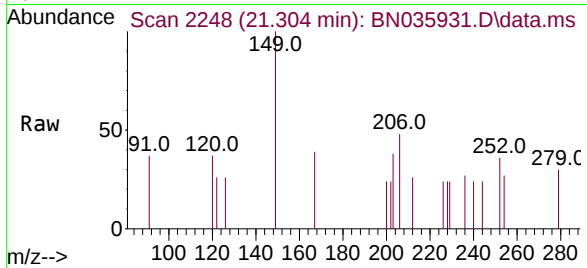




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 21.304 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN035931.D
Acq: 15 Jan 2025 13:27

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250113DL

Tgt Ion:149 Resp: 98
Ion Ratio Lower Upper
149 100
167 31.6 21.4 32.0
279 4.1 3.0 4.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.675 min Scan# 2805
Delta R.T. -0.019 min
Lab File: BN035931.D
Acq: 15 Jan 2025 13:27

Tgt Ion:264 Resp: 1477
Ion Ratio Lower Upper
264 100
260 29.7 21.7 32.5
265 54.5 33.9 50.9#

