

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038024.D
 Acq On : 07 Oct 2025 00:44
 Operator : RC/JU
 Sample : Q3194-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20250924

Quant Time: Oct 07 01:54:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

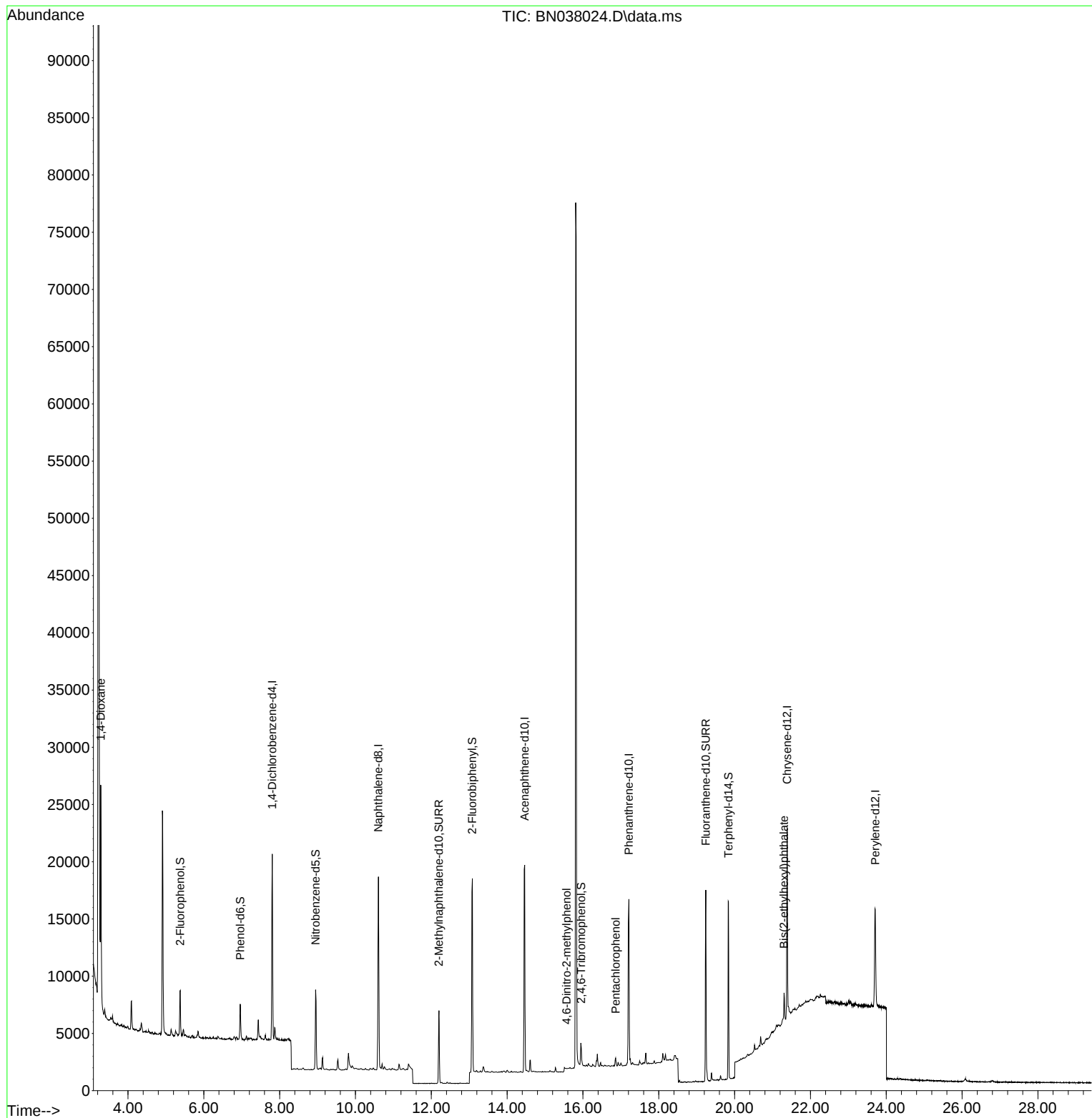
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7642	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	21692	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	10961	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	21094	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	14448	0.400	ng	#-0.02
35) Perylene-d12	23.706	264	12311	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	3221	0.185	ng	0.00
5) Phenol-d6	6.959	99	2728	0.119	ng	-0.01
8) Nitrobenzene-d5	8.950	82	5680	0.343	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	8392	0.279	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1178	0.283	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	15561	0.347	ng	-0.01
27) Fluoranthene-d10	19.238	212	17389	0.328	ng	-0.01
31) Terphenyl-d14	19.838	244	14395	0.500	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.283	88	10846	1.398	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.572	198	11	0.072	ng	# 1
24) Pentachlorophenol	16.863	266	376	0.066	ng	99
34) Bis(2-ethylhexyl)phtha...	21.304	149	2601	0.130	ng	95

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

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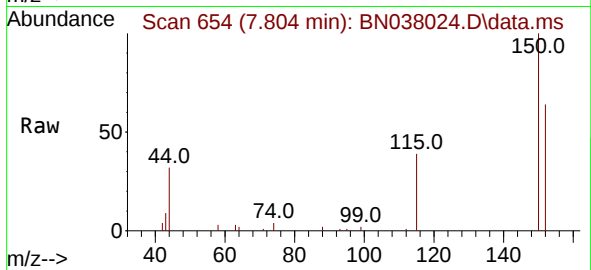
Quant Time: Oct 07 01:54:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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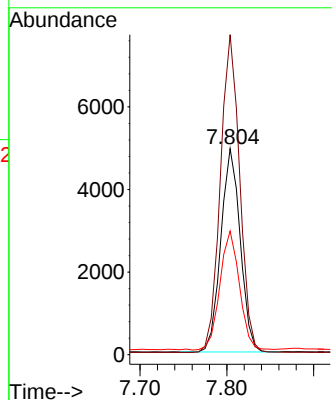
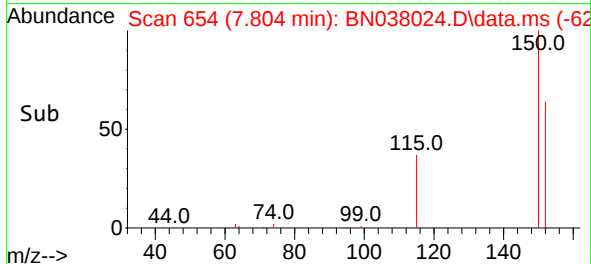


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN038024.D
 Acq: 07 Oct 2025 00:44

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20250924

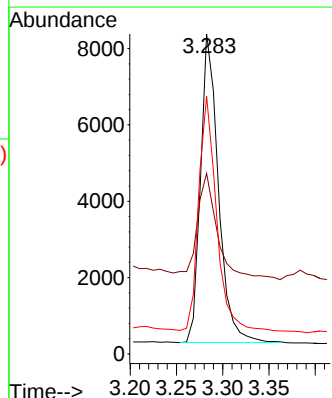
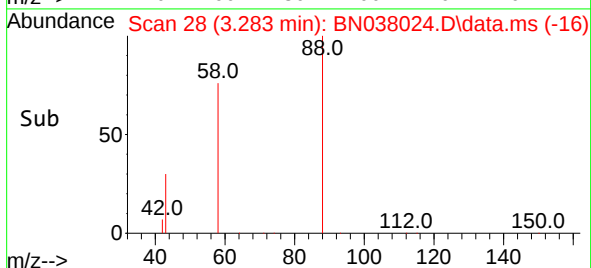
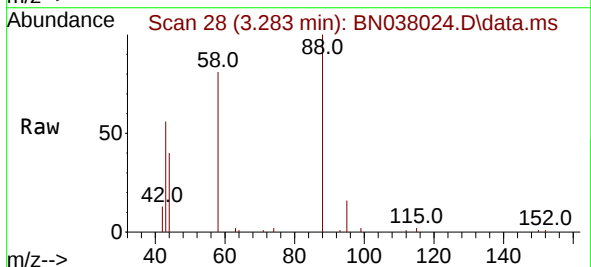


Tgt Ion:152 Resp: 7642
 Ion Ratio Lower Upper
 152 100
 150 155.3 121.0 181.4
 115 60.0 47.4 71.0



#2
 1,4-Dioxane
 Concen: 1.398 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.015 min
 Lab File: BN038024.D
 Acq: 07 Oct 2025 00:44

Tgt Ion: 88 Resp: 10846
 Ion Ratio Lower Upper
 88 100
 43 40.1 26.6 39.8#
 58 75.8 58.9 88.3

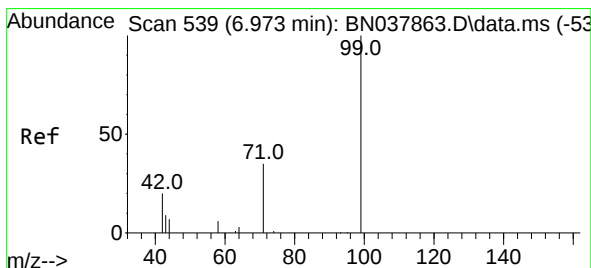
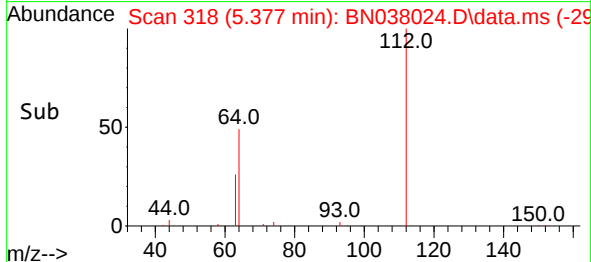
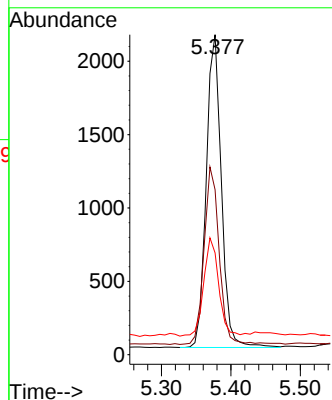
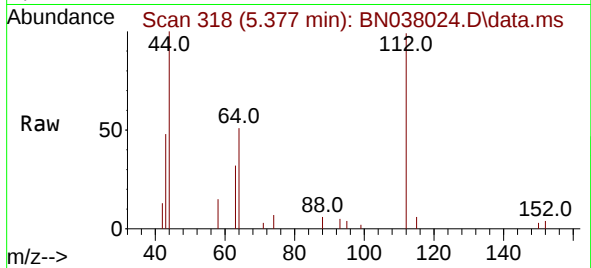




#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

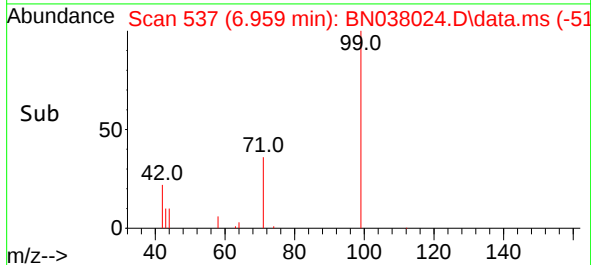
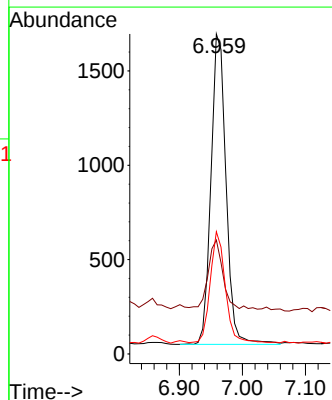
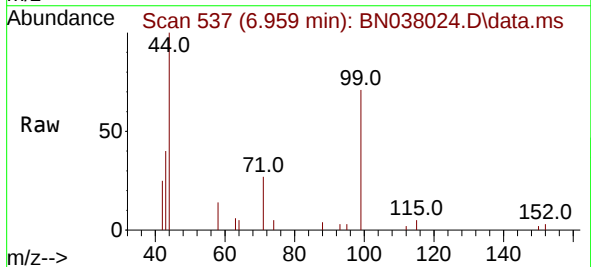
Instrument :
BNA_N
ClientSampleId :
RE139D1-20250924

Tgt Ion:112 Resp: 3221
Ion Ratio Lower Upper
112 100
64 57.2 44.6 66.8
63 31.0 24.9 37.3



#5
Phenol-d6
Concen: 0.119 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.015 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

Tgt Ion: 99 Resp: 2728
Ion Ratio Lower Upper
99 100
42 21.8 17.2 25.8
71 35.6 27.3 40.9

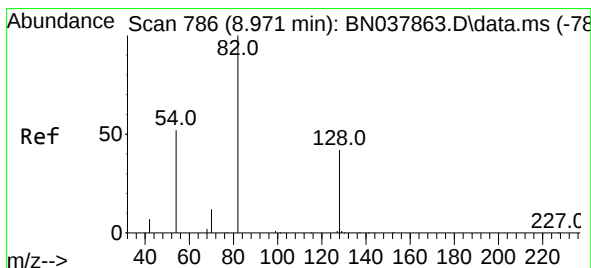
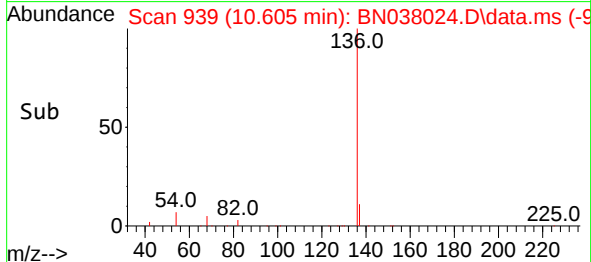
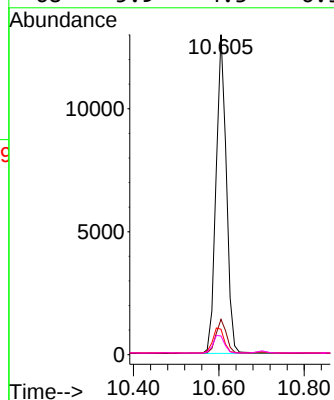
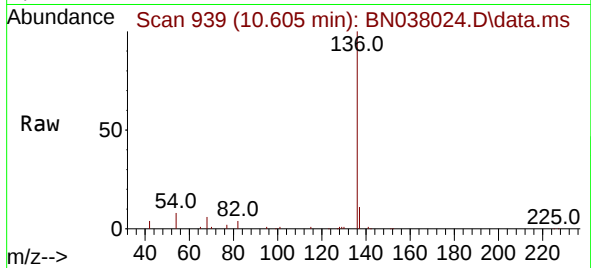




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.022 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

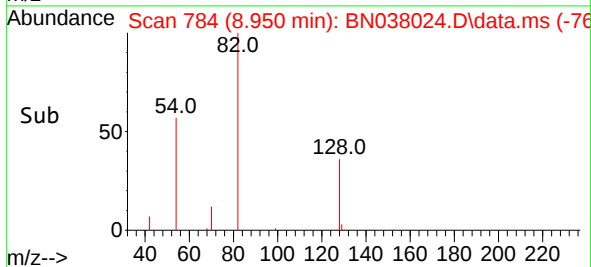
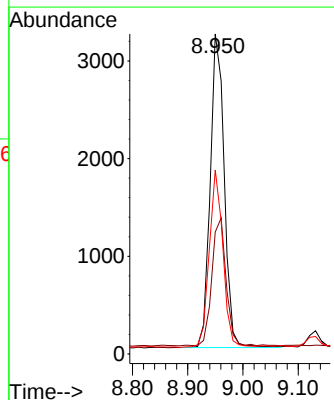
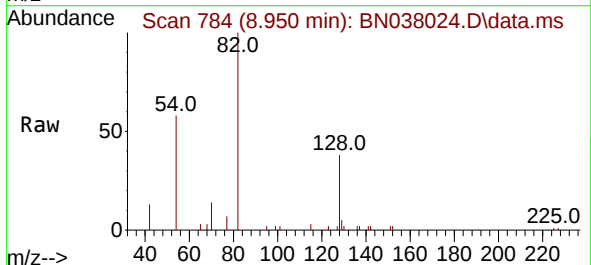
Instrument :
BNA_N
ClientSampleId :
RE139D1-20250924

Tgt Ion:136	Resp:	21692
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	7.9	5.8 8.8
68	5.9	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.022 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

Tgt Ion: 82	Resp:	5680
Ion Ratio	Lower	Upper
82	100	
128	38.1	34.8 52.2
54	57.5	42.2 63.2

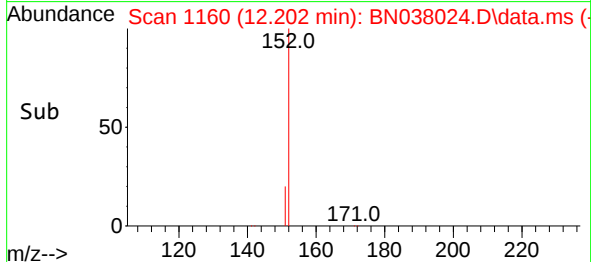
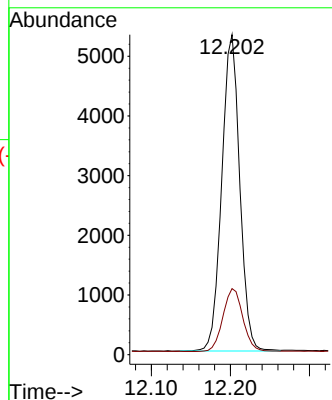
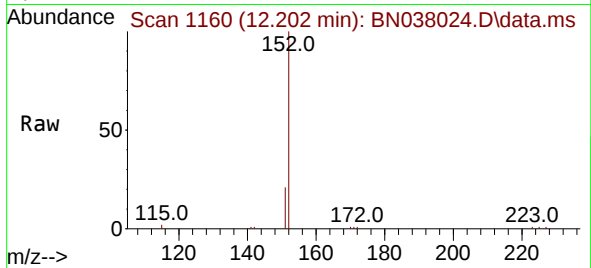




#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

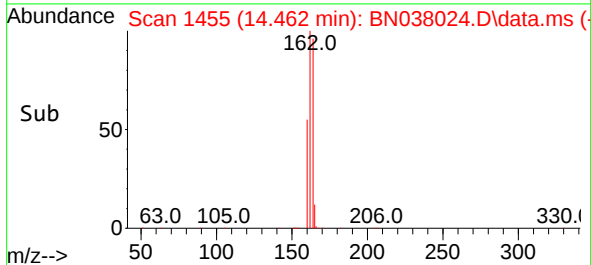
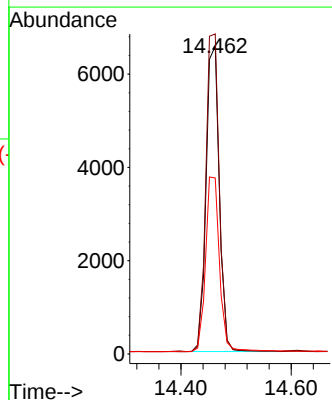
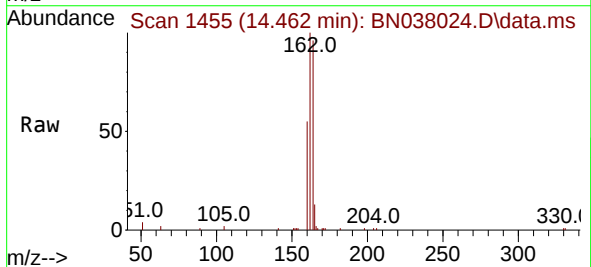
Instrument :
BNA_N
ClientSampleId :
RE139D1-20250924

Tgt Ion:152 Resp: 8392
Ion Ratio Lower Upper
152 100
151 22.1 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

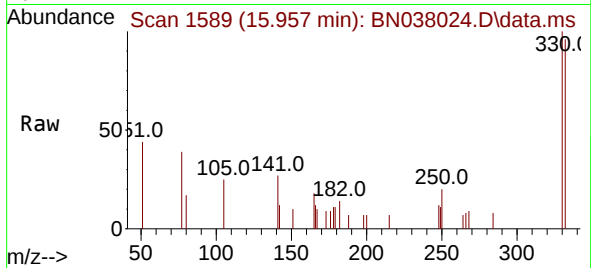
Tgt Ion:164 Resp: 10961
Ion Ratio Lower Upper
164 100
162 104.0 84.8 127.2
160 57.2 46.1 69.1



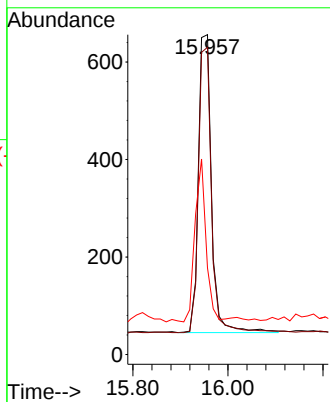
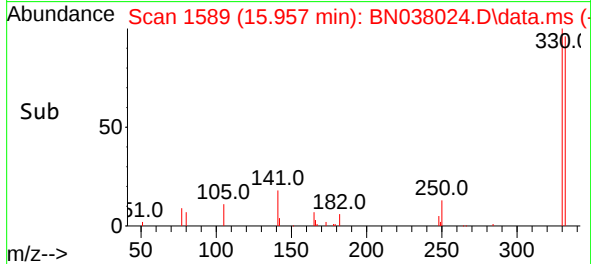


#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

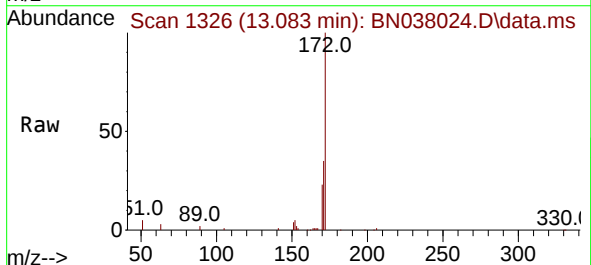
Instrument :
BNA_N
ClientSampleId :
RE139D1-20250924



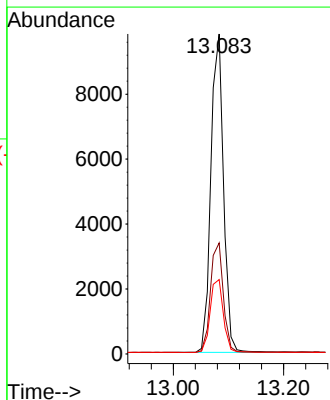
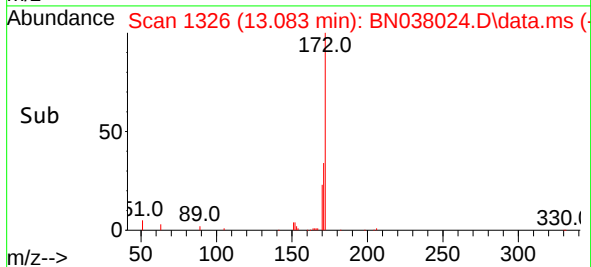
Tgt Ion:330 Resp: 1178
Ion Ratio Lower Upper
330 100
332 94.4 77.2 115.8
141 45.6 37.2 55.8

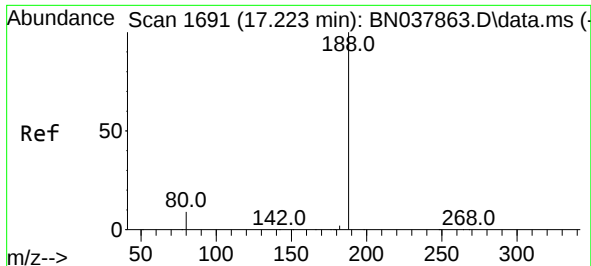


#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44



Tgt Ion:172 Resp: 15561
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.2 19.7 29.5

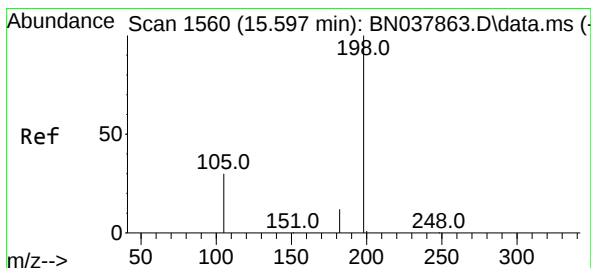
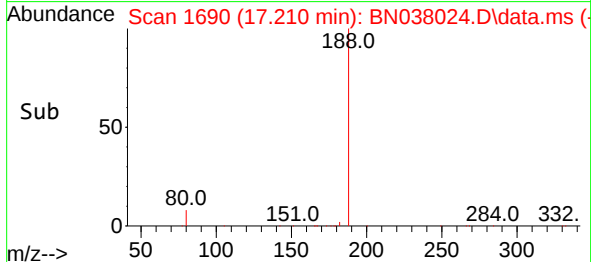
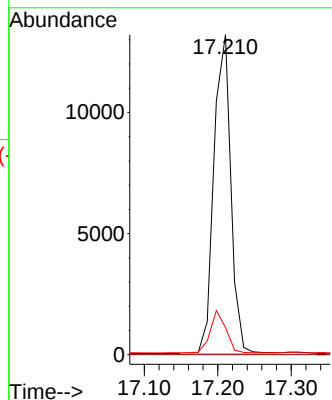
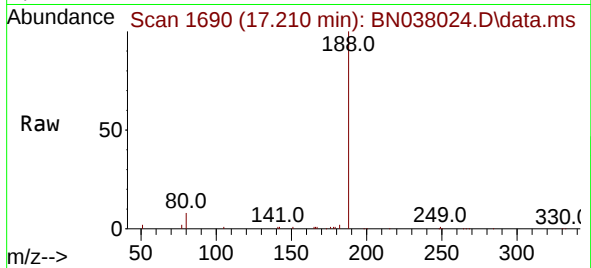




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

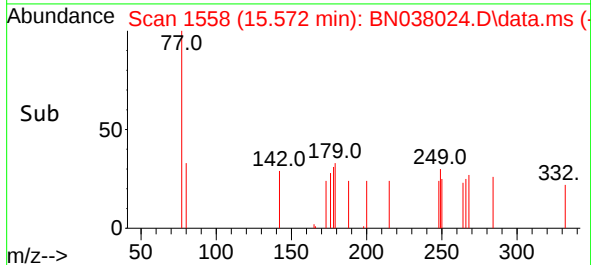
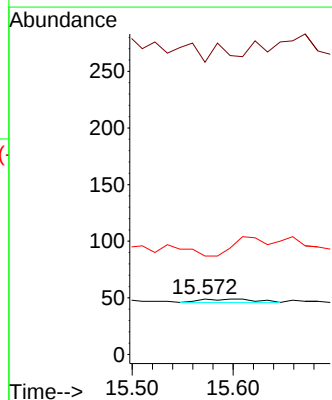
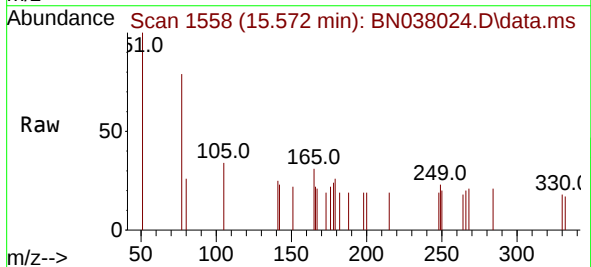
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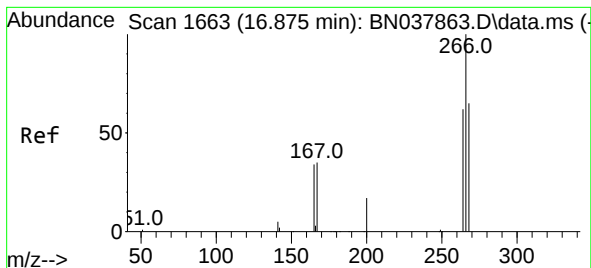
Tgt Ion:188 Resp: 21094
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.072 ng
RT: 15.572 min Scan# 1558
Delta R.T. -0.025 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 526.5 59.1 88.7#
105 177.6 41.3 61.9#





#24

Pentachlorophenol

Concen: 0.066 ng

RT: 16.863 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN038024.D

Acq: 07 Oct 2025 00:44

Instrument :

BNA_N

ClientSampleId :

RE139D1-20250924

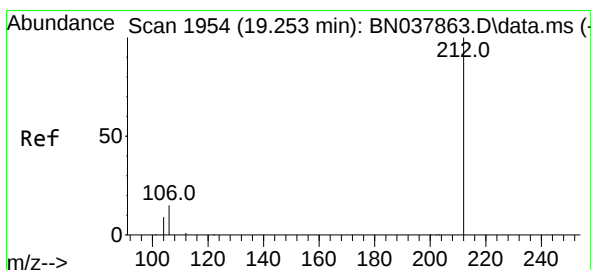
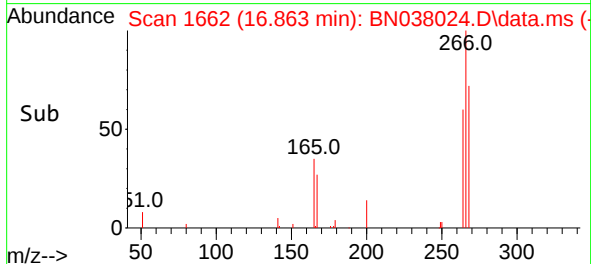
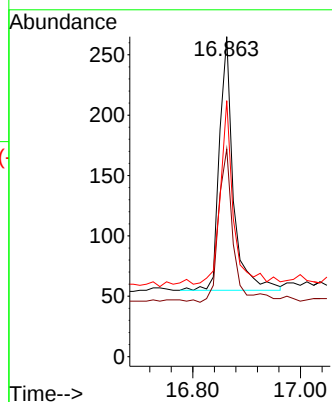
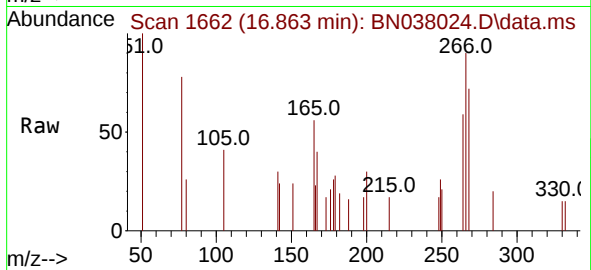
Tgt Ion:266 Resp: 376

Ion Ratio Lower Upper

266 100

264 64.9 50.9 76.3

268 68.4 54.3 81.5



#27

Fluoranthene-d10

Concen: 0.328 ng

RT: 19.238 min Scan# 1951

Delta R.T. -0.014 min

Lab File: BN038024.D

Acq: 07 Oct 2025 00:44

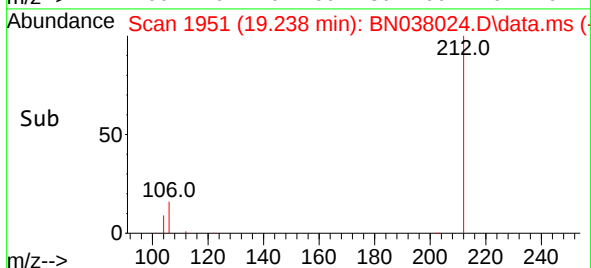
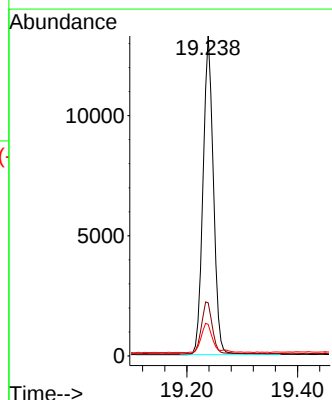
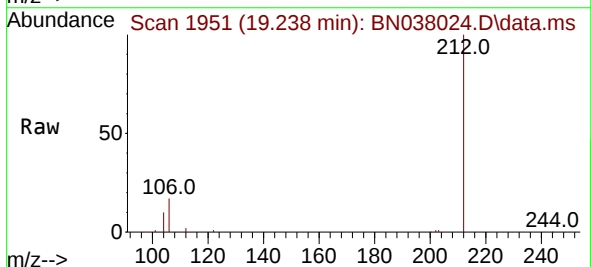
Tgt Ion:212 Resp: 17389

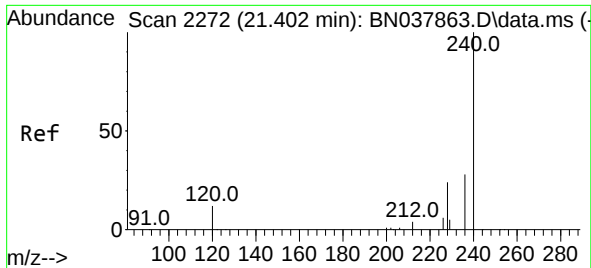
Ion Ratio Lower Upper

212 100

106 17.1 12.6 19.0

104 9.5 7.4 11.0

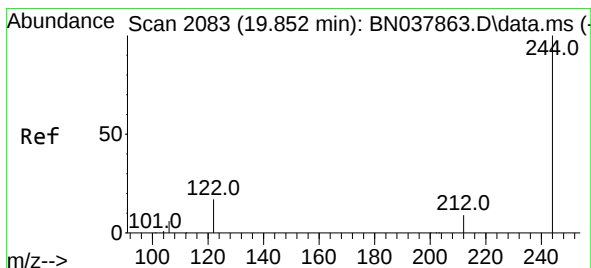
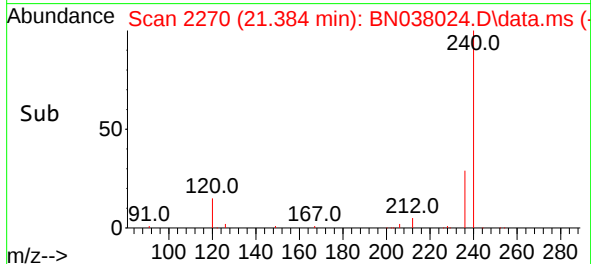
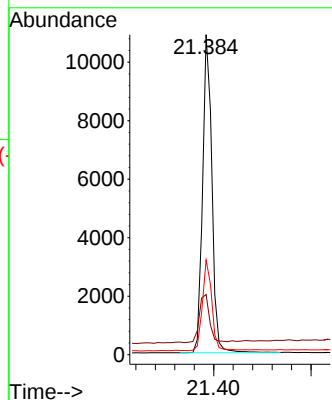
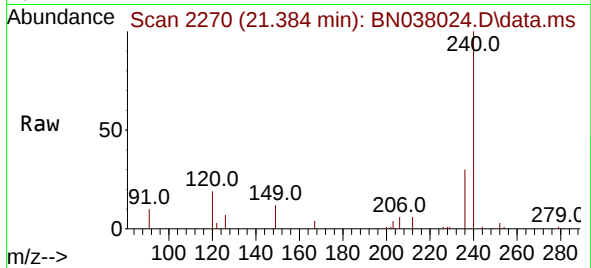




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

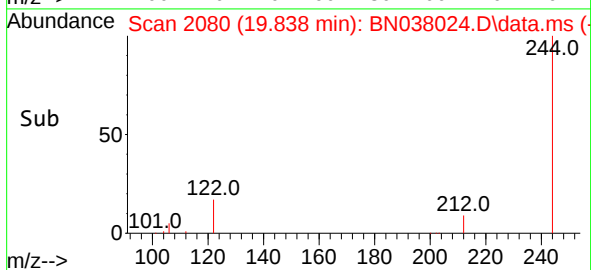
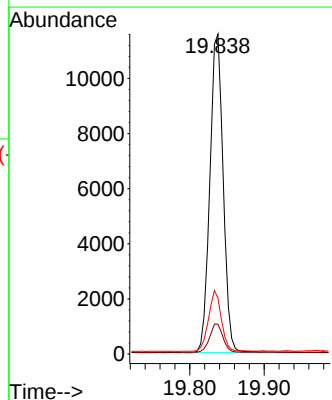
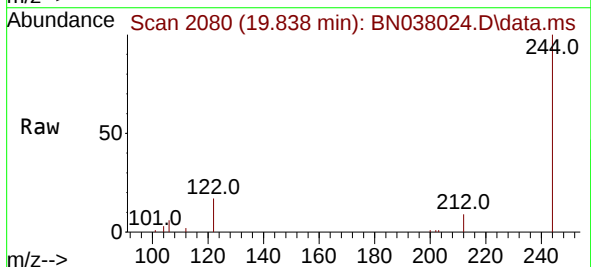
Instrument :
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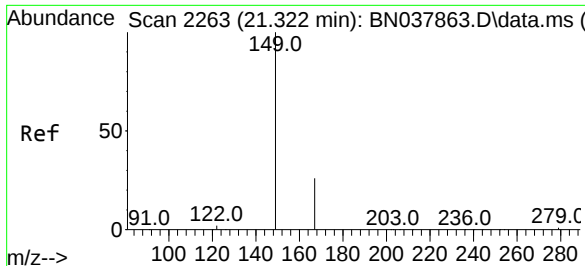
Tgt Ion:240 Resp: 14448
Ion Ratio Lower Upper
240 100
120 18.8 11.4 17.2#
236 29.6 23.0 34.6



#31
Terphenyl-d14
Concen: 0.500 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

Tgt Ion:244 Resp: 14395
Ion Ratio Lower Upper
244 100
212 9.3 7.6 11.4
122 17.5 13.9 20.9

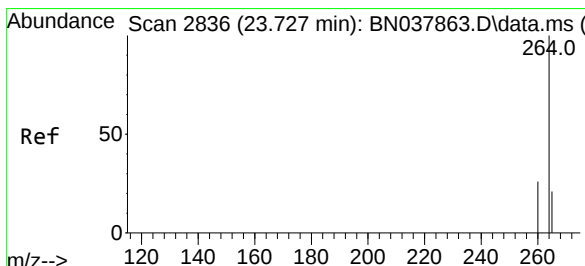
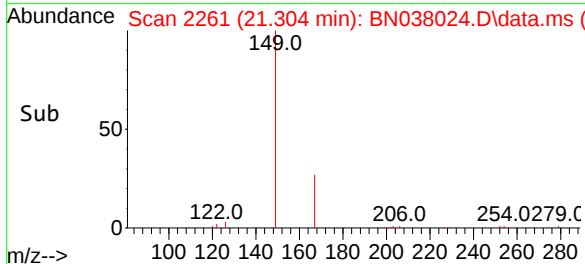
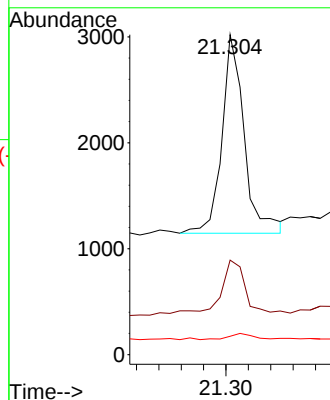
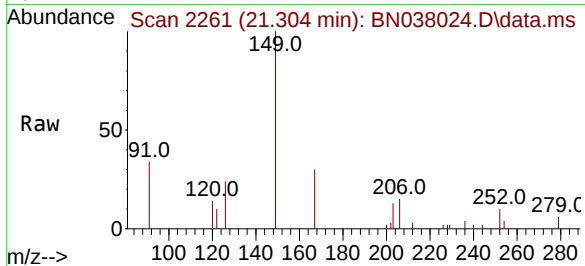




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.304 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

Instrument :
BNA_N
ClientSampleId :
RE139D1-20250924

Tgt Ion:149 Resp: 2601
Ion Ratio Lower Upper
149 100
167 28.0 20.4 30.6
279 3.4 2.4 3.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.706 min Scan# 2829
Delta R.T. -0.021 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

Tgt Ion:264 Resp: 12311
Ion Ratio Lower Upper
264 100
260 27.5 21.5 32.3
265 90.5 53.8 80.6#

