

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)

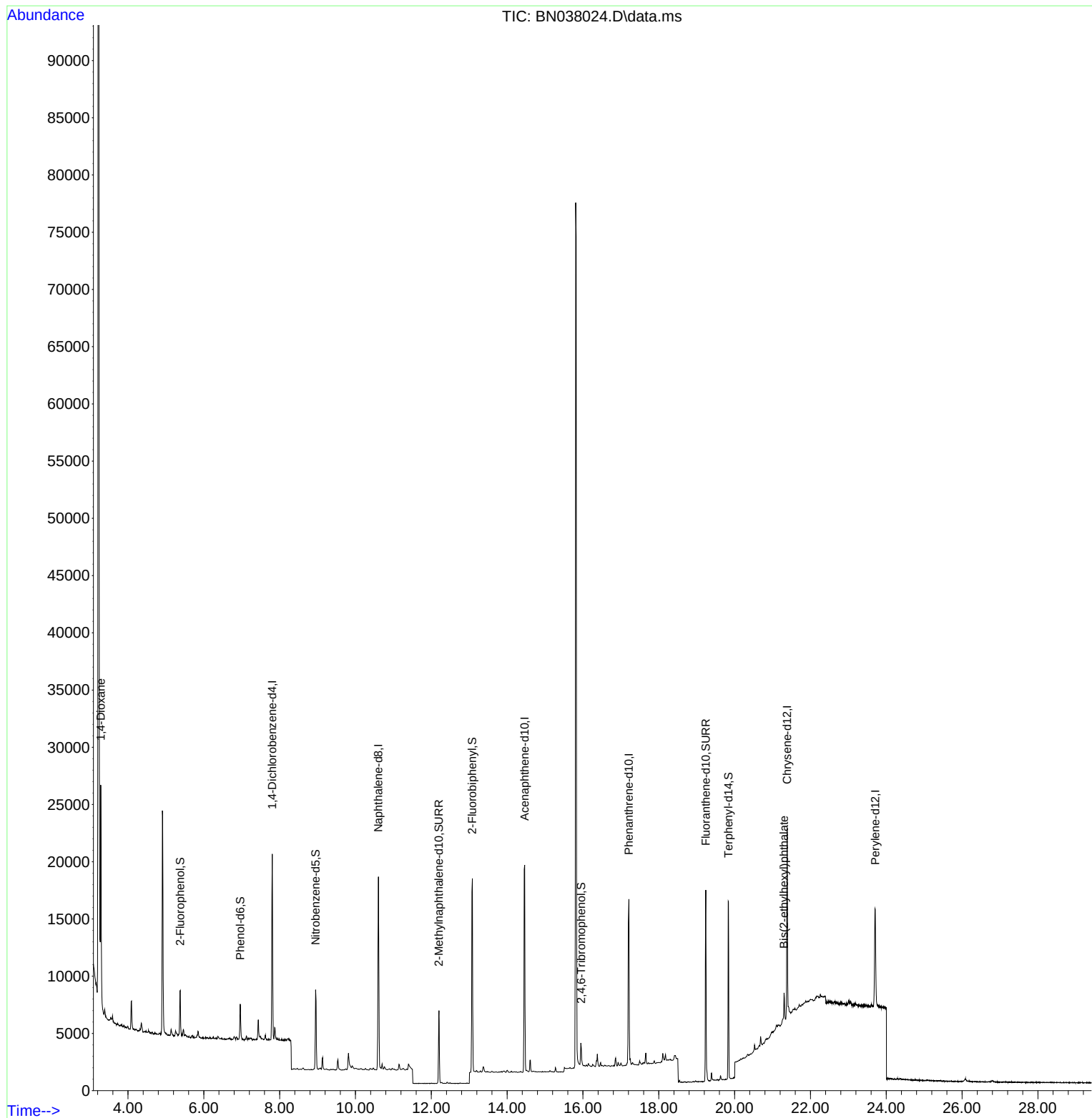
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7642	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	21692	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	10961	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	21094	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	14448	0.400	ng	#-0.02
35) Perylene-d12	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
34) Bis(2-ethylhexyl)phtha...	21.304	149	2601	0.130	ng	95

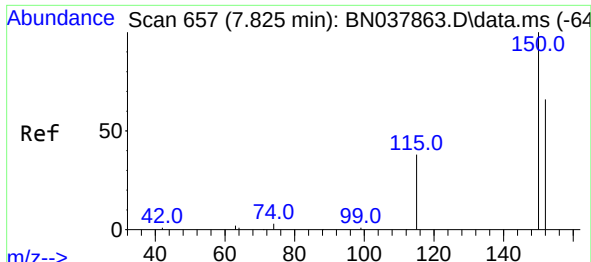
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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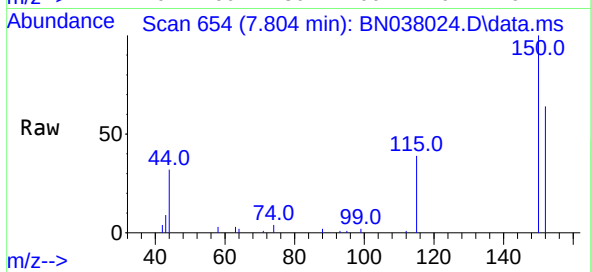
Quant Time: Oct 07 01:54:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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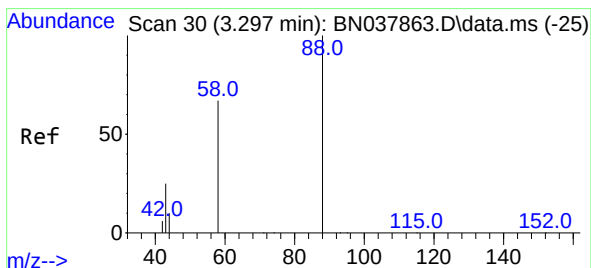
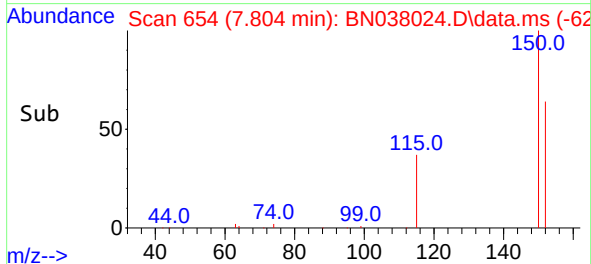
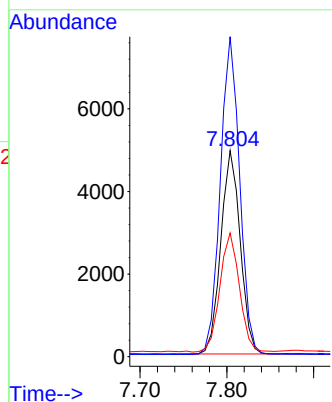


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

Instrument :
BNA_N
ClientSampleId :
RE139D1-20250924

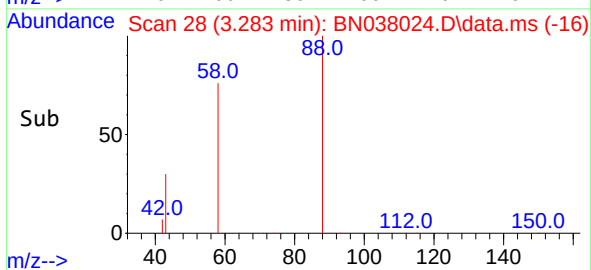
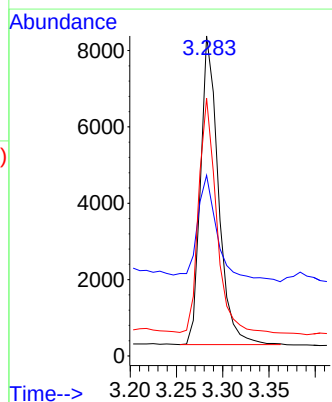
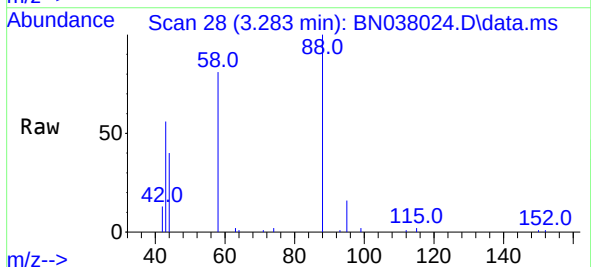


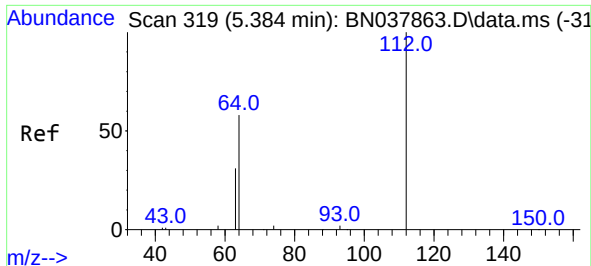
Tgt Ion:152 Resp: 7642
Ion Ratio Lower Upper
152 100
150 155.3 121.0 181.4
115 60.0 47.4 71.0



#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

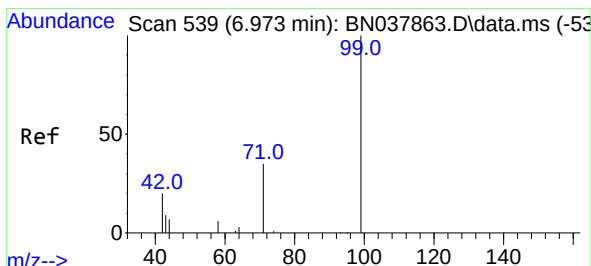
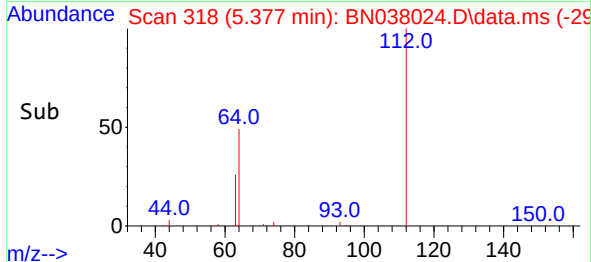
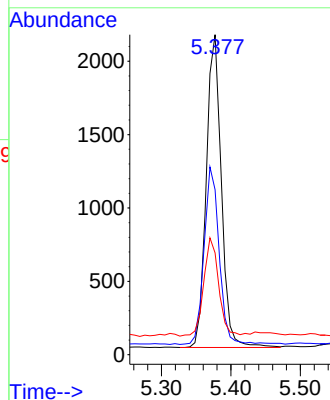
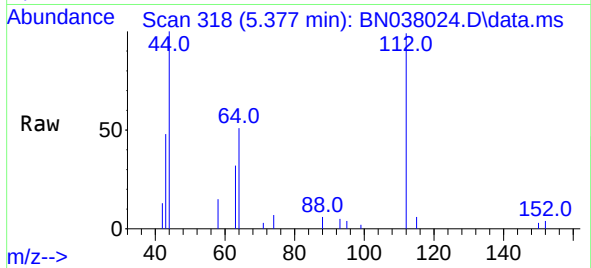
Tgt Ion:112 Resp: 3221

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

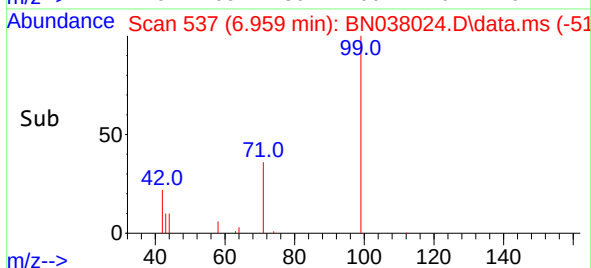
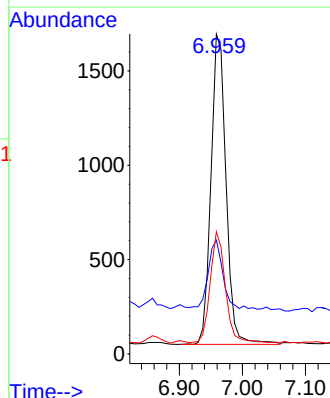
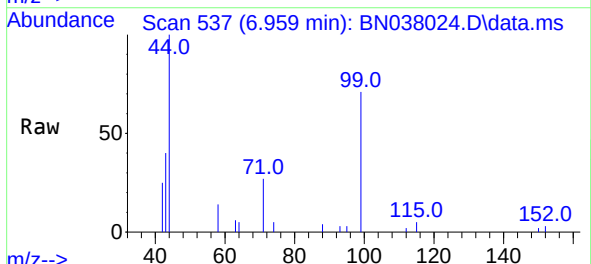
Tgt Ion: 99 Resp: 2728

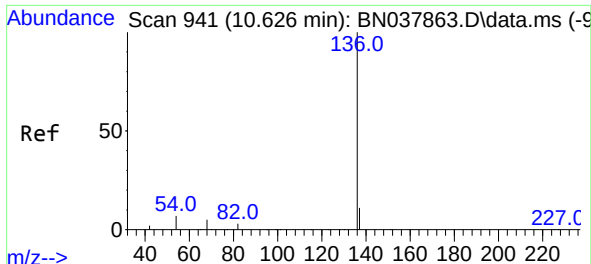
Ion Ratio Lower Upper

99 100

42 21.8 17.2 25.8

71 35.6 27.3 40.9

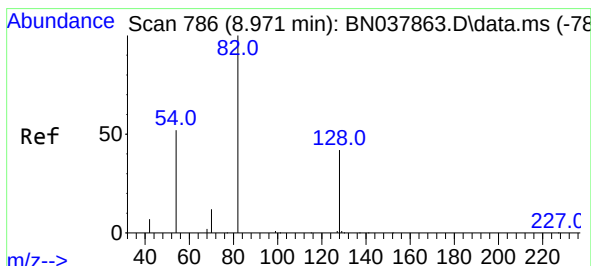
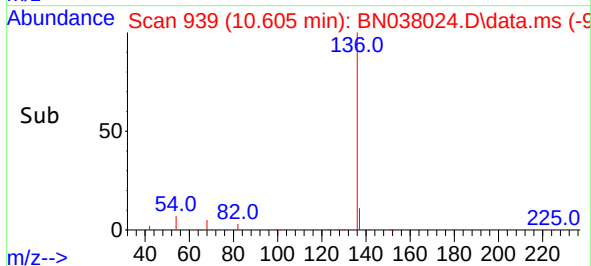
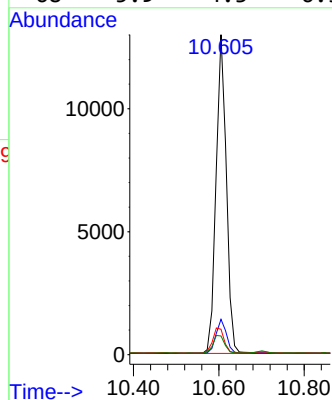
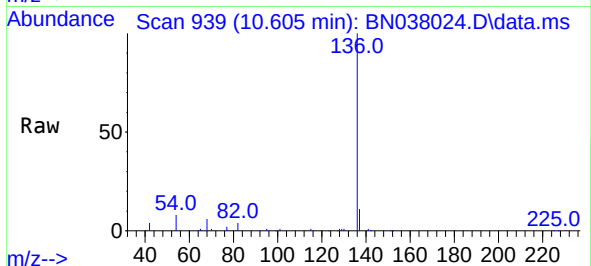




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.022 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

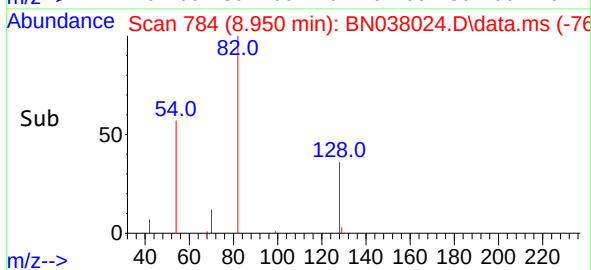
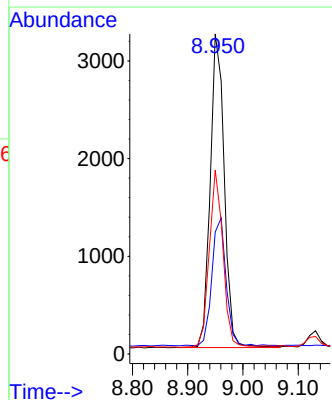
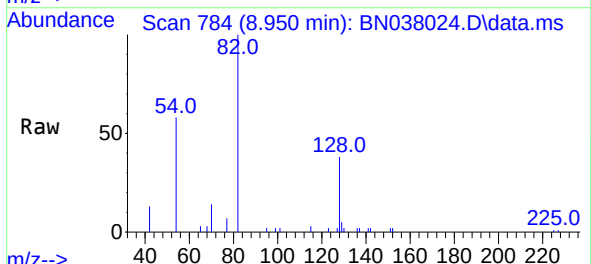
Instrument :
BNA_N
ClientSampleId :
RE139D1-20250924

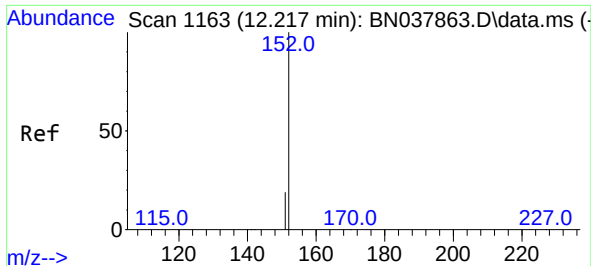
Tgt Ion:	136	Resp:	21692
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.9	5.8	8.8
68	5.9	4.3	6.5



#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

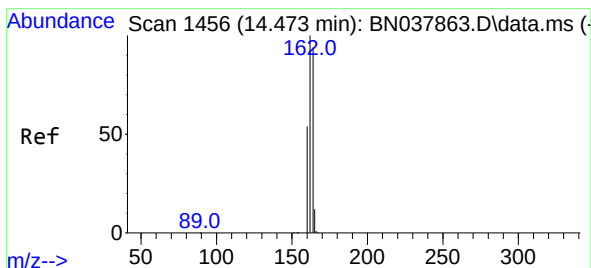
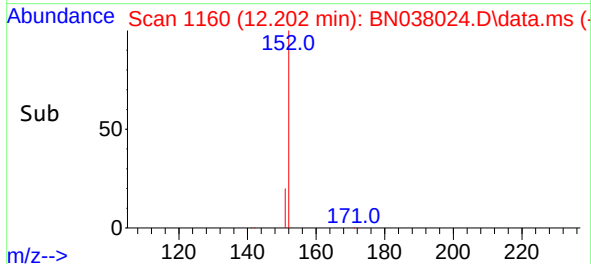
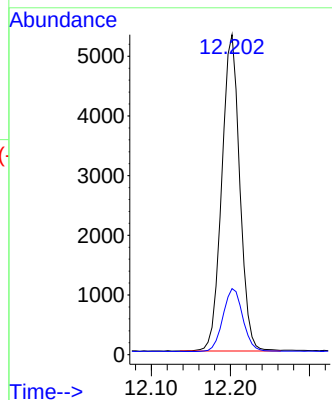
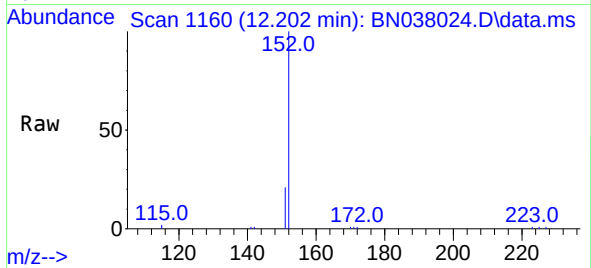




#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

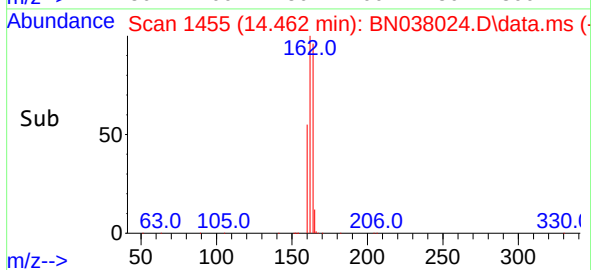
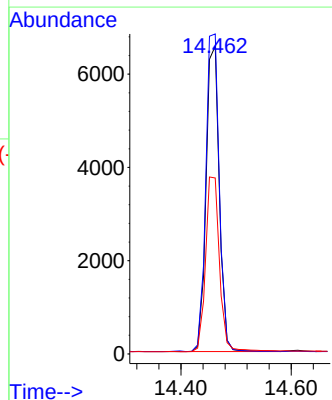
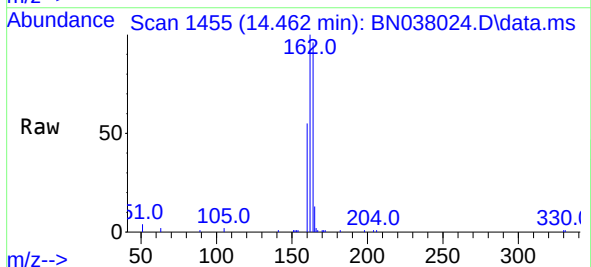
Instrument :
BNA_N
ClientSampleId :
RE139D1-20250924

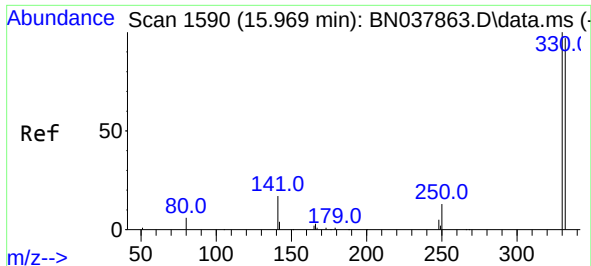
Tgt Ion:152 Resp: 8392
Ion Ratio Lower Upper
152 100
151 22.1 17.4 26.2



#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

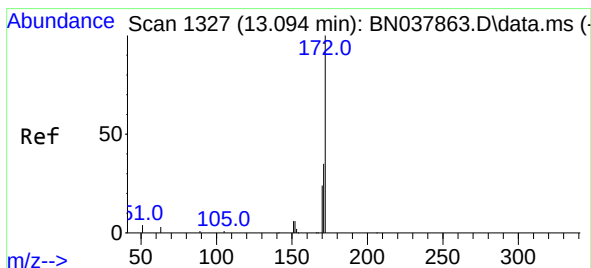
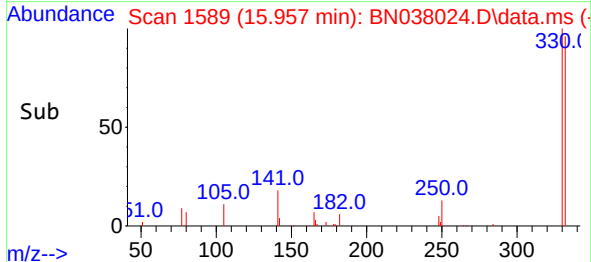
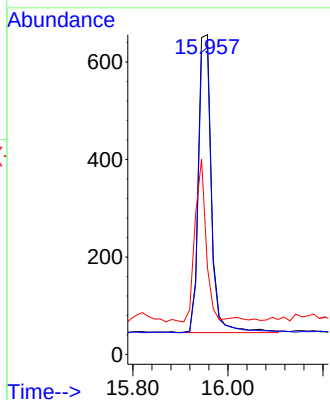
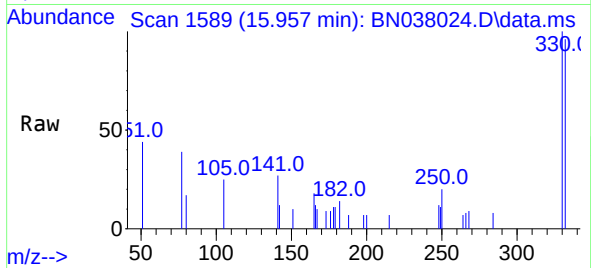




#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.957 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

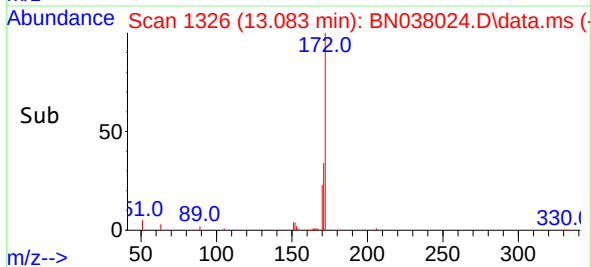
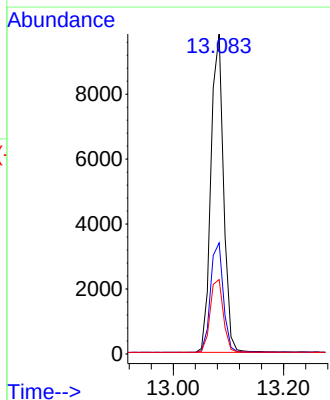
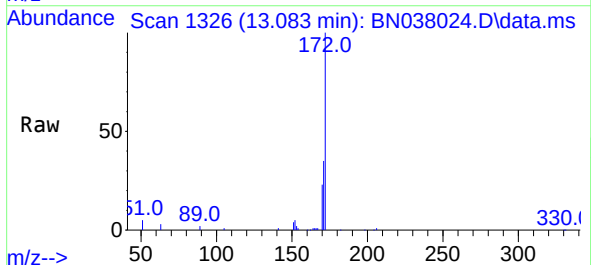
Instrument :
BNA_N
ClientSampleId :
RE139D1-20250924

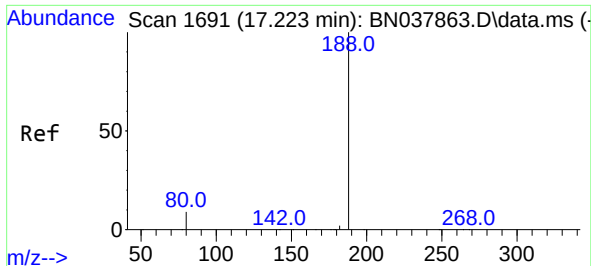
Tgt Ion:	330	Resp:	1178
Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.2	115.8
141	45.6	37.2	55.8



#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

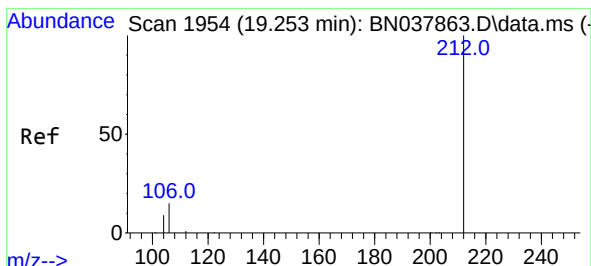
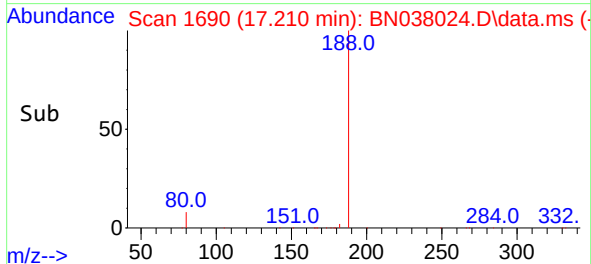
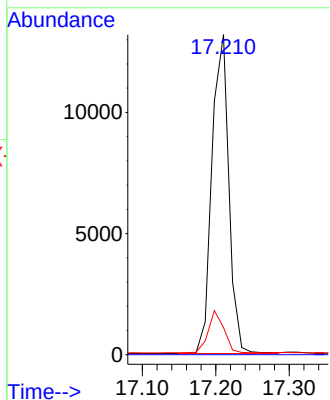
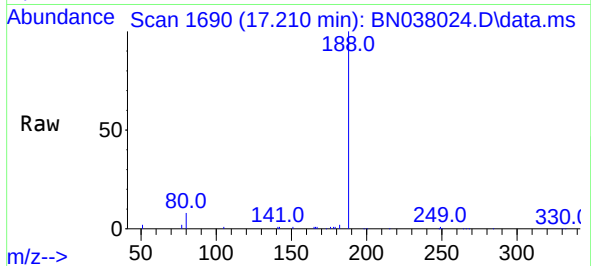




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

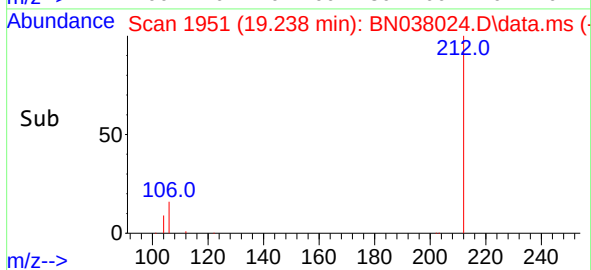
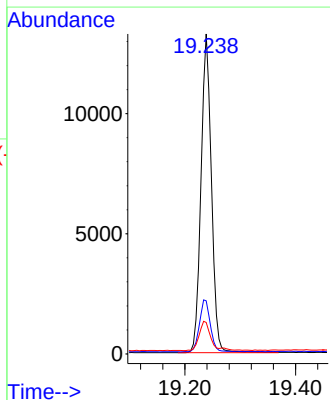
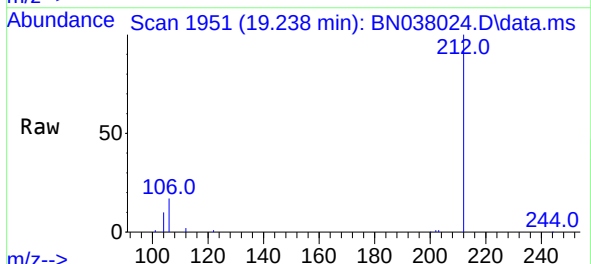
Instrument :
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ClientSampleId :
RE139D1-20250924

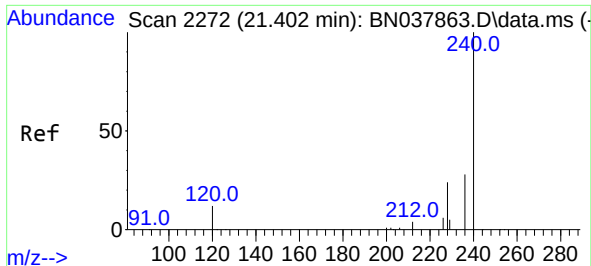
Tgt Ion:188 Resp: 21094
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.6 11.4



#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

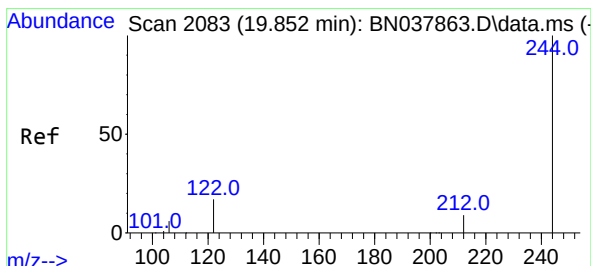
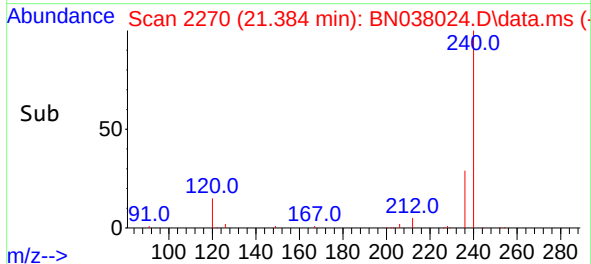
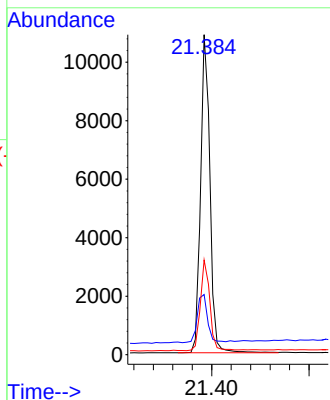
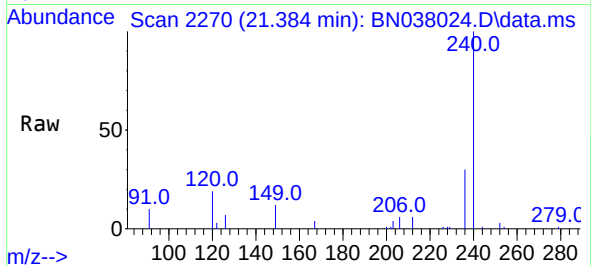




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038024.D
Acq: 07 Oct 2025 00:44

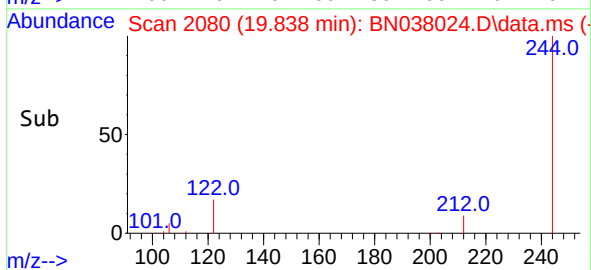
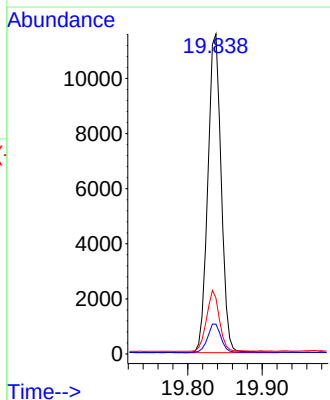
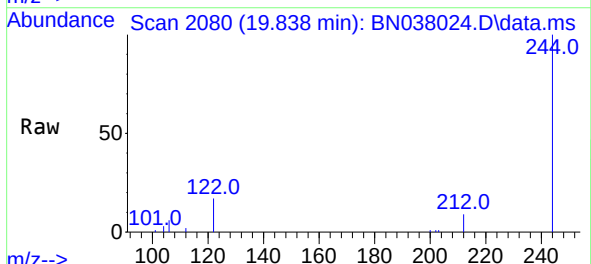
Instrument :
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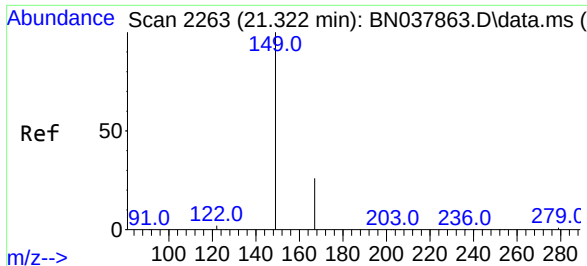
Tgt Ion:240 Resp: 14448
Ion Ratio Lower Upper
240 100
120 18.8 11.4 17.2#
236 29.6 23.0 34.6



#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

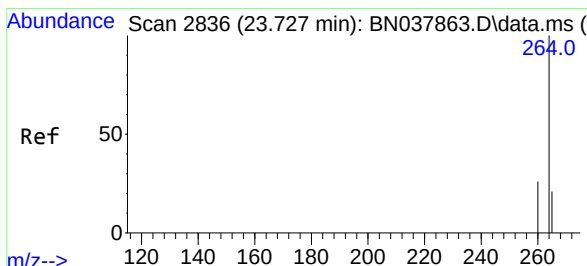
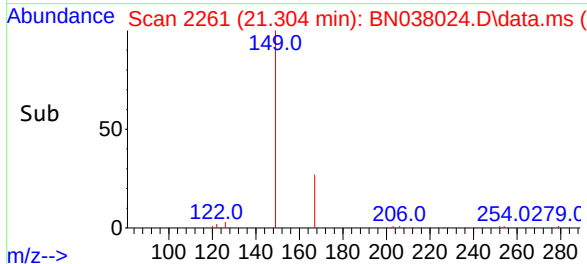
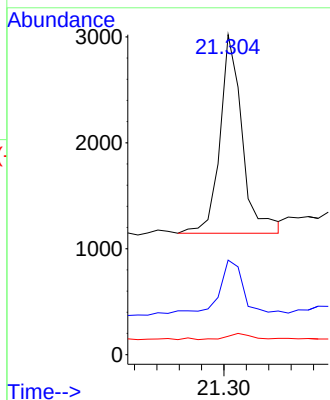
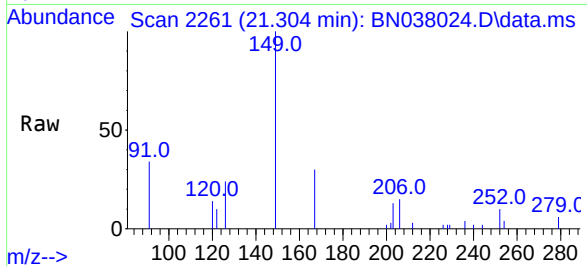




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.130 ng
 RT: 21.304 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN038024.D
 Acq: 07 Oct 2025 00:44

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#

