

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038016.D
 Acq On : 06 Oct 2025 19:12
 Operator : RC/JU
 Sample : Q3194-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP10-20250922

Quant Time: Oct 07 01:38:33 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)

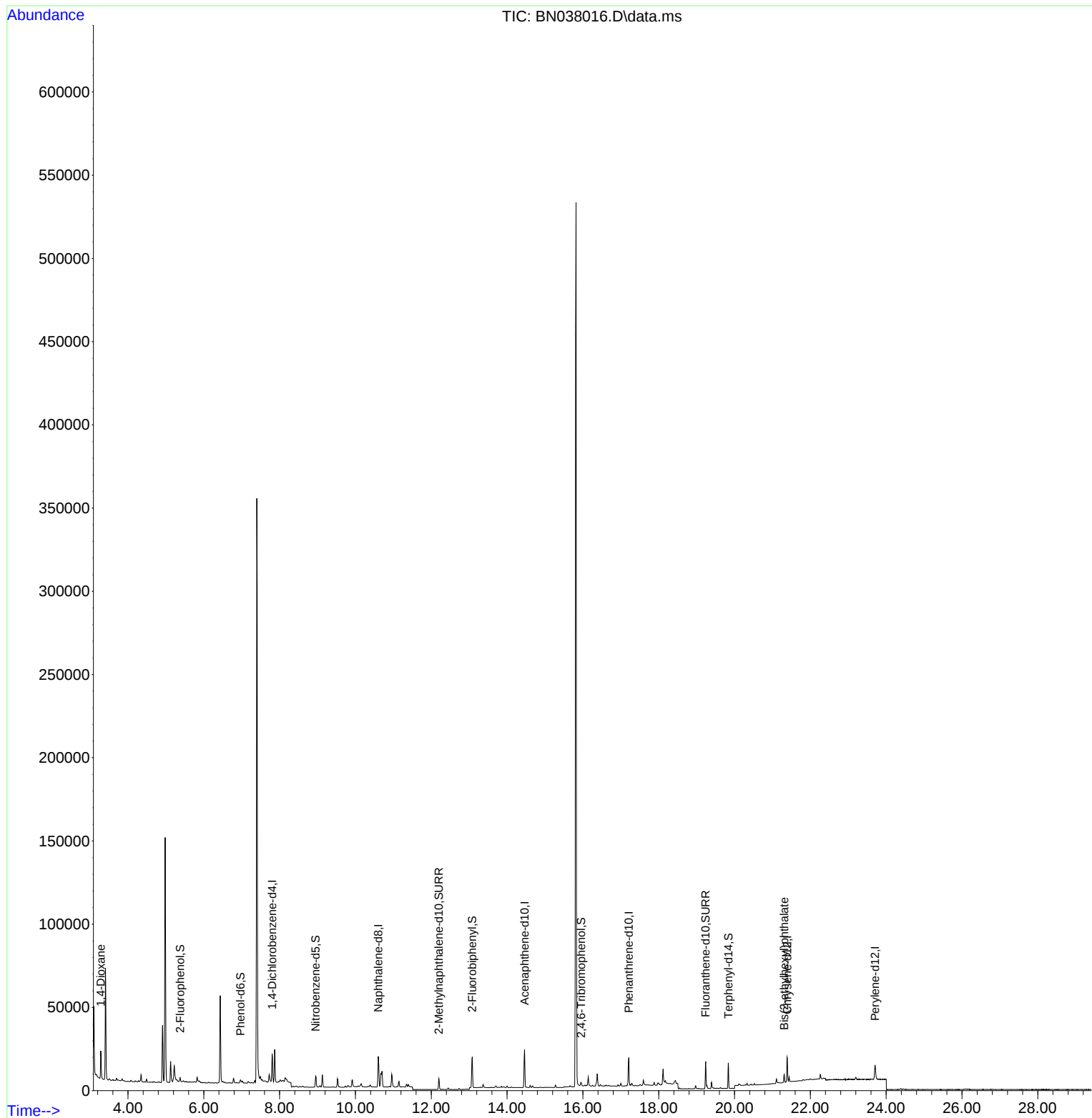
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8052	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	23897	0.400	ng	#-0.02
13) Acenaphthene-d10	14.462	164	12790	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	23623	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	14360	0.400	ng	0.00
35) Perylene-d12	23.709	264	11948	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	1976	0.108	ng	0.00
5) Phenol-d6	6.966	99	1432	0.059	ng	0.00
8) Nitrobenzene-d5	8.950	82	5347	0.293	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	8703	0.262	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1200	0.247	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	15429	0.295	ng	-0.01
27) Fluoranthene-d10	19.239	212	17078	0.287	ng	-0.01
31) Terphenyl-d14	19.838	244	14038	0.491	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.283	88	10124	1.239	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.313	149	5084	0.256	ng	98

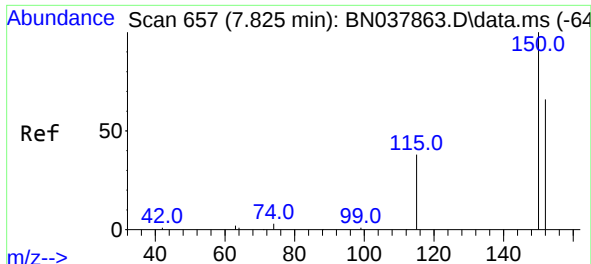
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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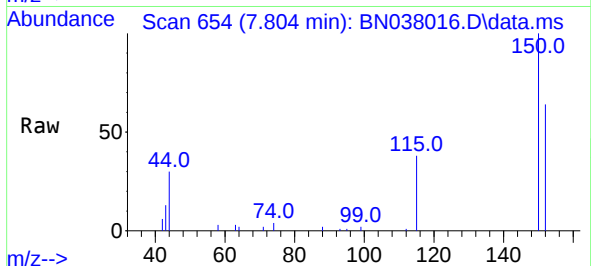
Quant Time: Oct 07 01:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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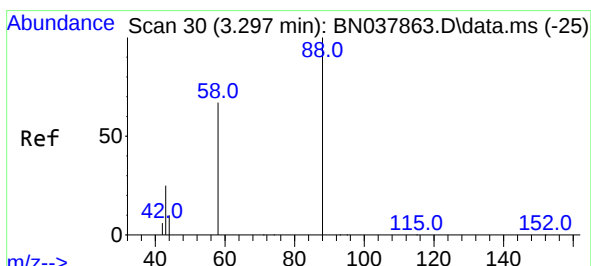
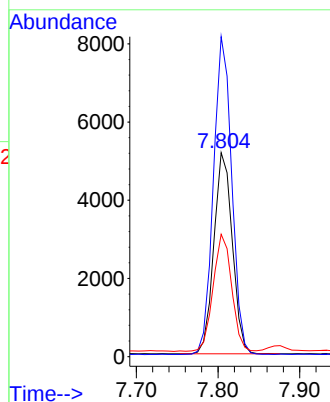
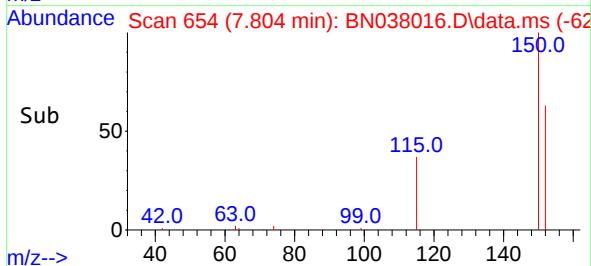


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN038016.D
 Acq: 06 Oct 2025 19:12

Instrument :
 BNA_N
 ClientSampleId :
 DUP10-20250922

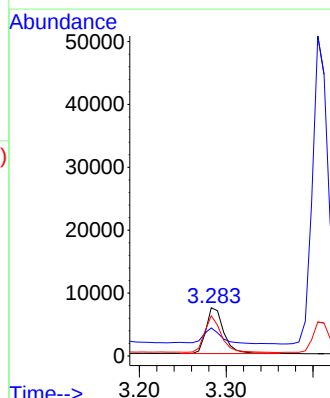
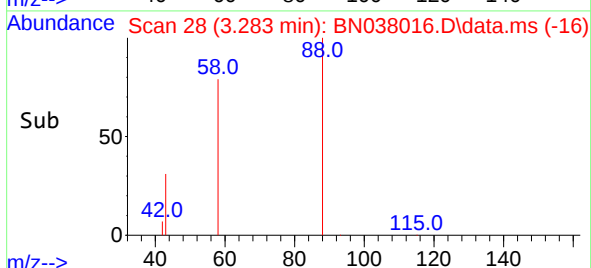
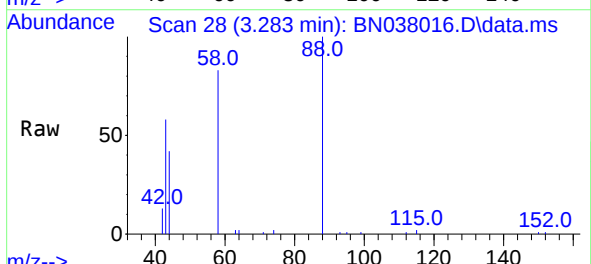


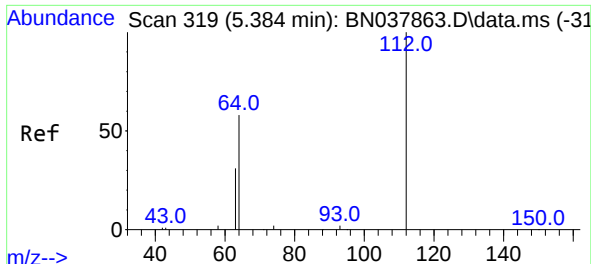
Tgt Ion:152 Resp: 8052
 Ion Ratio Lower Upper
 152 100
 150 156.9 121.0 181.4
 115 60.0 47.4 71.0



#2
 1,4-Dioxane
 Concen: 1.239 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.014 min
 Lab File: BN038016.D
 Acq: 06 Oct 2025 19:12

Tgt Ion: 88 Resp: 10124
 Ion Ratio Lower Upper
 88 100
 43 40.0 26.6 39.8#
 58 76.4 58.9 88.3

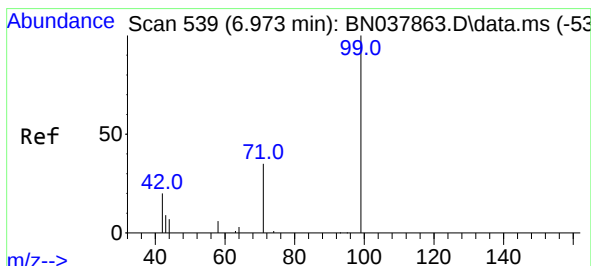
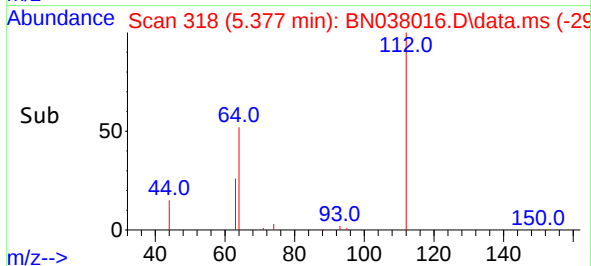
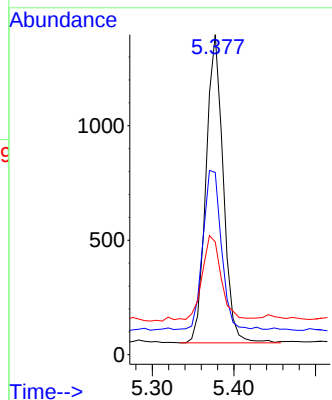
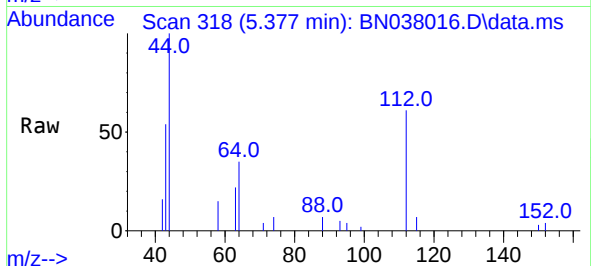




#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038016.D
Acq: 06 Oct 2025 19:12

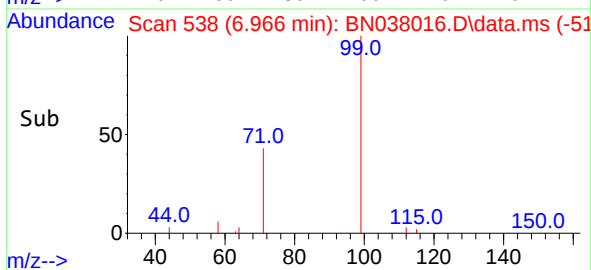
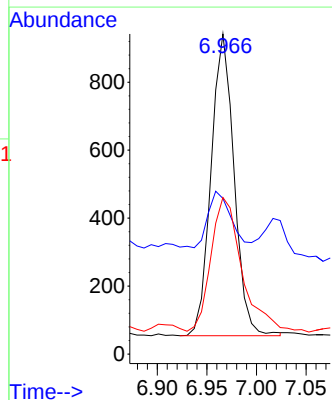
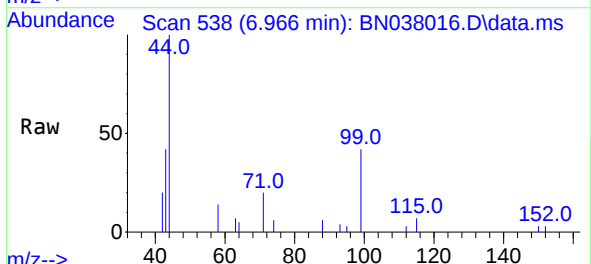
Instrument :
BNA_N
ClientSampleId :
DUP10-20250922

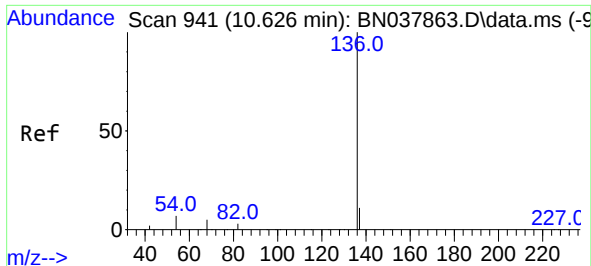
Tgt Ion:112 Resp: 1976
Ion Ratio Lower Upper
112 100
64 55.3 44.6 66.8
63 30.2 24.9 37.3



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN038016.D
Acq: 06 Oct 2025 19:12

Tgt Ion: 99 Resp: 1432
Ion Ratio Lower Upper
99 100
42 20.7 17.2 25.8
71 60.4 27.3 40.9#

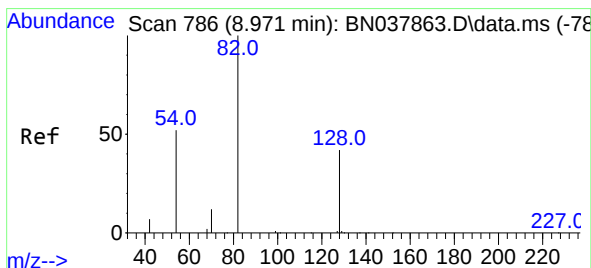
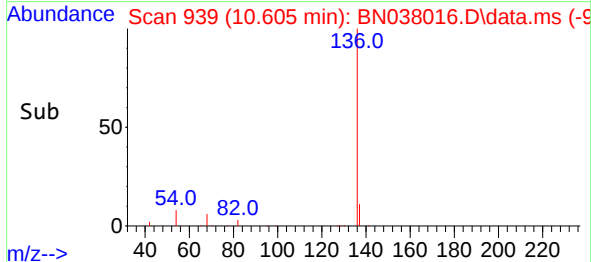
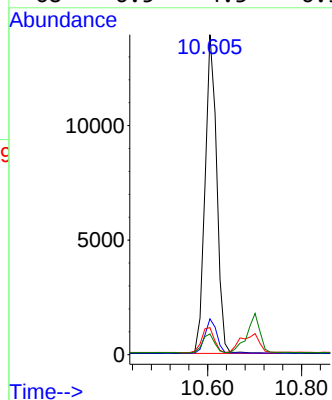
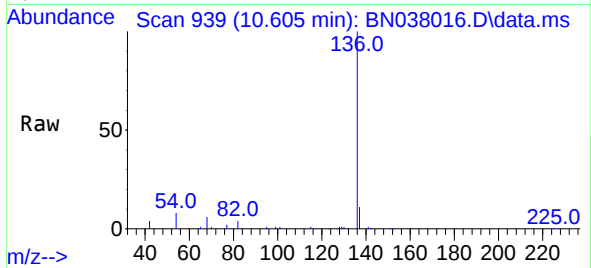




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038016.D
Acq: 06 Oct 2025 19:12

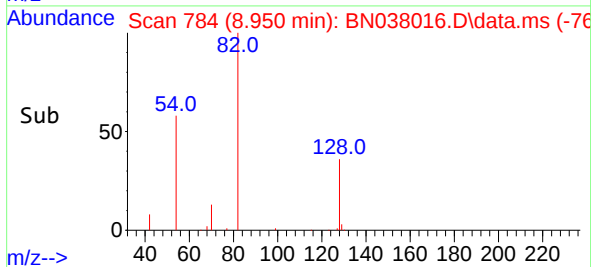
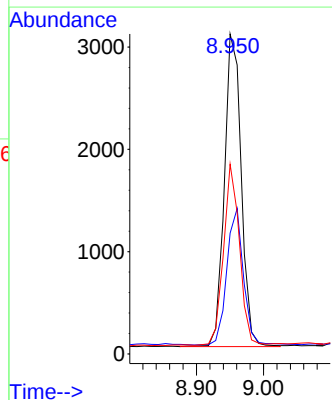
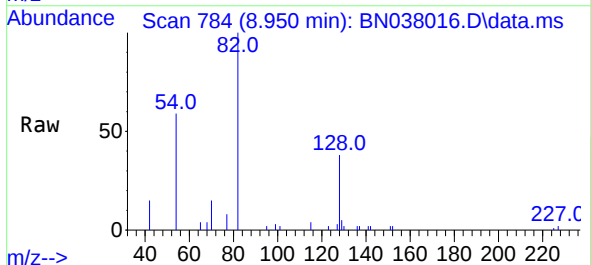
Instrument :
BNA_N
ClientSampleId :
DUP10-20250922

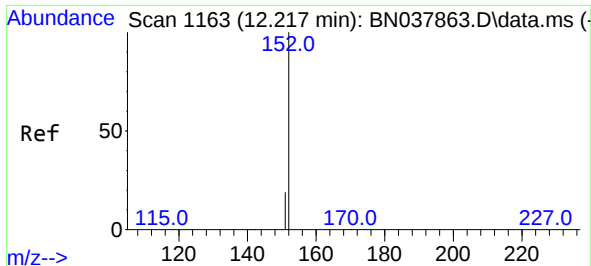
Tgt Ion:136 Resp: 23897
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.5 5.8 8.8
68 6.5 4.3 6.5#



#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038016.D
Acq: 06 Oct 2025 19:12

Tgt Ion: 82 Resp: 5347
Ion Ratio Lower Upper
82 100
128 37.8 34.8 52.2
54 59.3 42.2 63.2

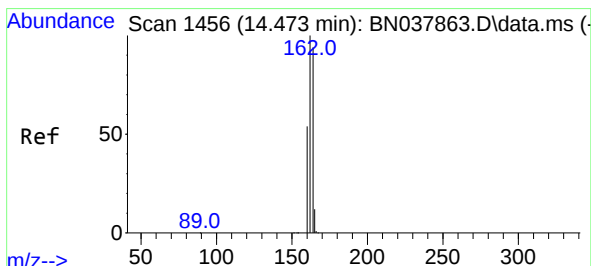
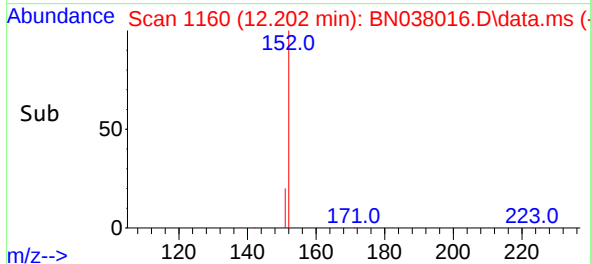
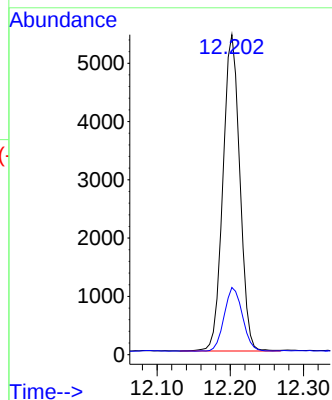
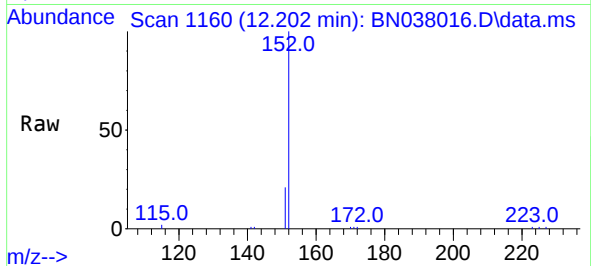




#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038016.D
Acq: 06 Oct 2025 19:12

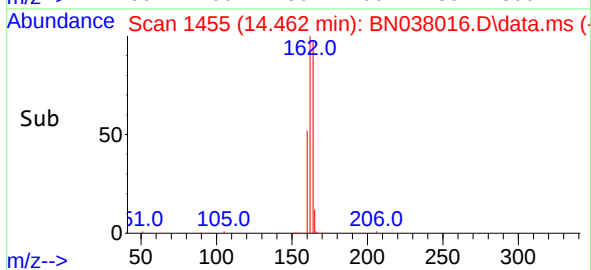
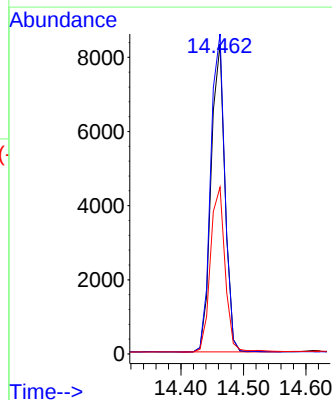
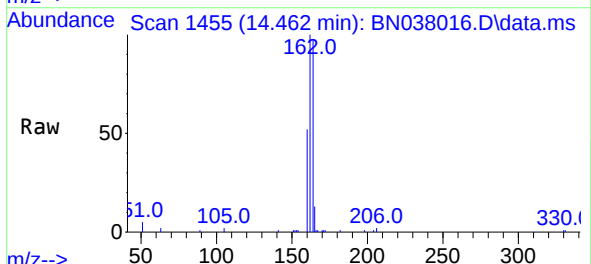
Instrument :
BNA_N
ClientSampleId :
DUP10-20250922

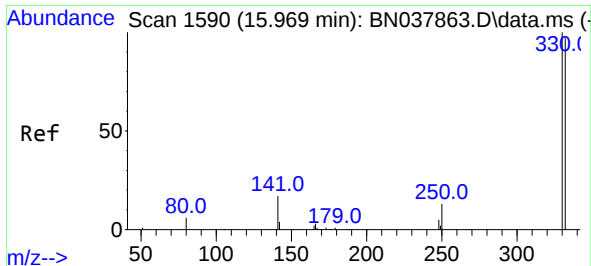
Tgt Ion:152 Resp: 8703
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038016.D
Acq: 06 Oct 2025 19:12

Tgt Ion:164 Resp: 12790
Ion Ratio Lower Upper
164 100
162 103.2 84.8 127.2
160 53.8 46.1 69.1

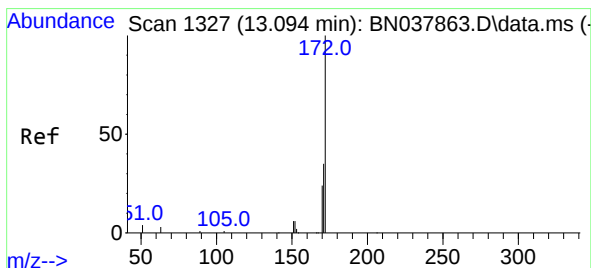
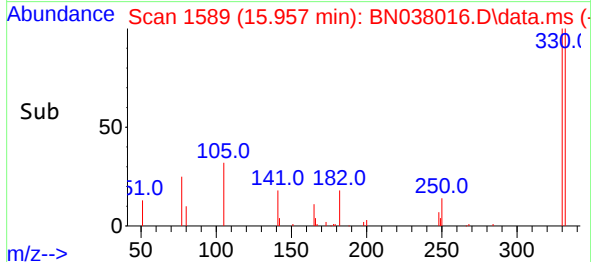
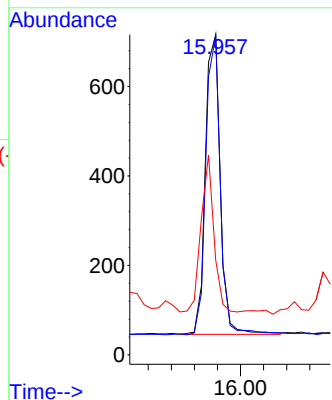
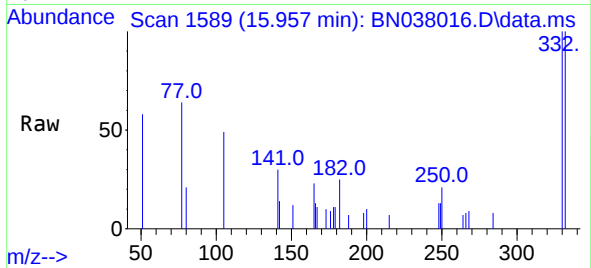




#14
2,4,6-Tribromophenol
Concen: 0.247 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038016.D
Acq: 06 Oct 2025 19:12

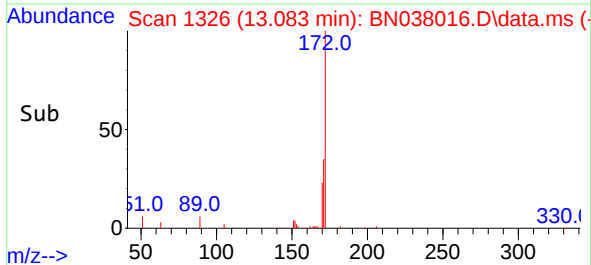
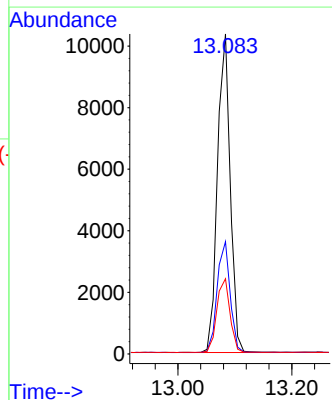
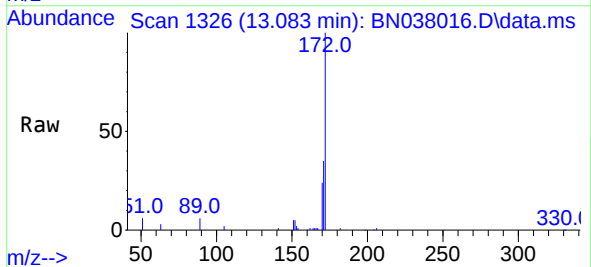
Instrument :
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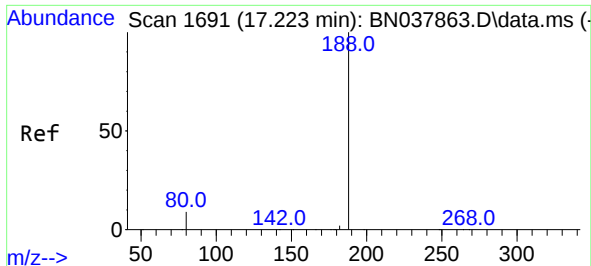
Tgt Ion:330 Resp: 1200
Ion Ratio Lower Upper
330 100
332 98.1 77.2 115.8
141 44.9 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038016.D
Acq: 06 Oct 2025 19:12

Tgt Ion:172 Resp: 15429
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.5 19.7 29.5

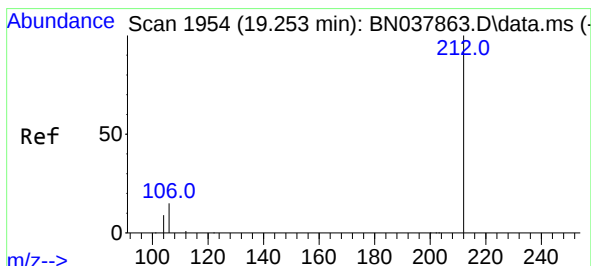
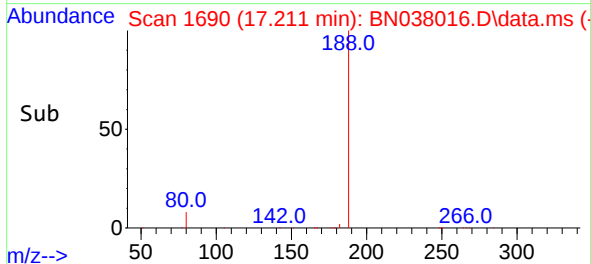
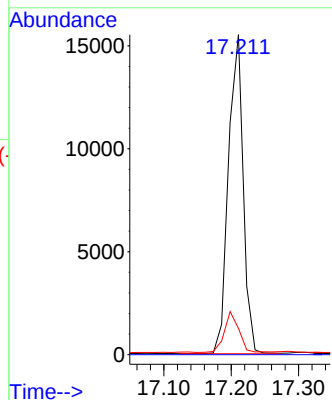
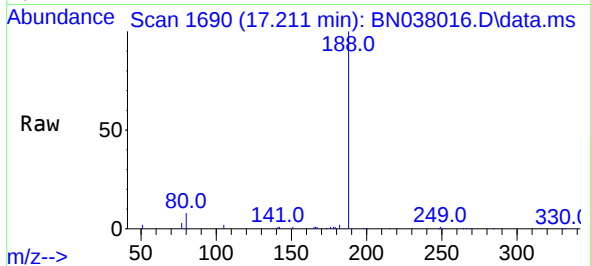




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038016.D
Acq: 06 Oct 2025 19:12

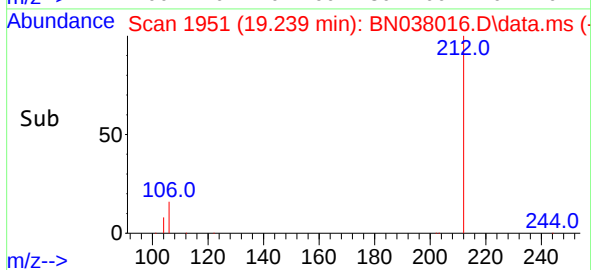
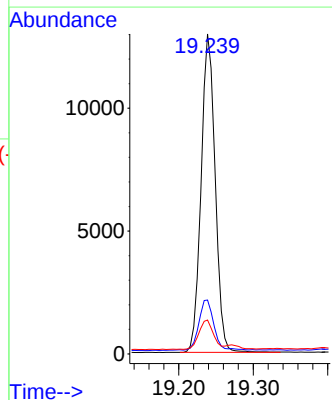
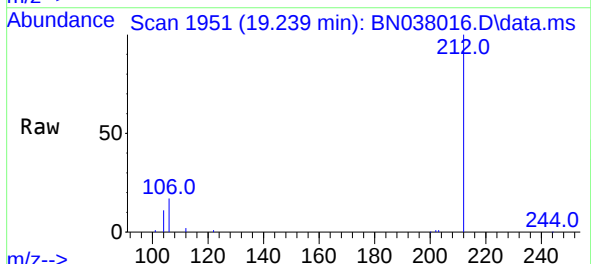
Instrument :
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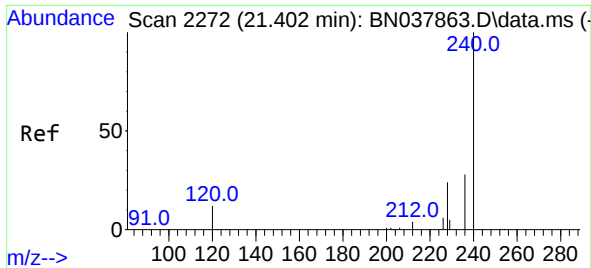
Tgt Ion:188 Resp: 23623
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.287 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038016.D
Acq: 06 Oct 2025 19:12

Tgt Ion:212 Resp: 17078
Ion Ratio Lower Upper
212 100
106 17.0 12.6 19.0
104 9.5 7.4 11.0

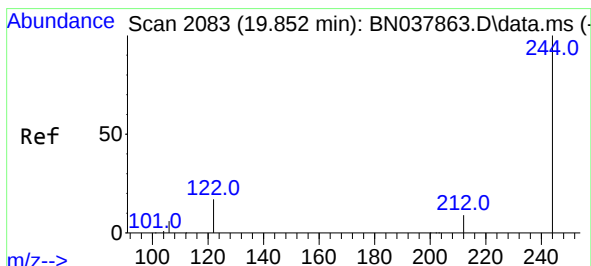
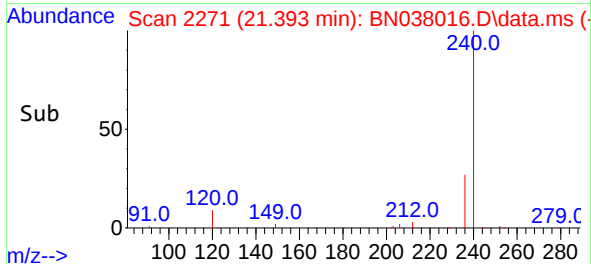
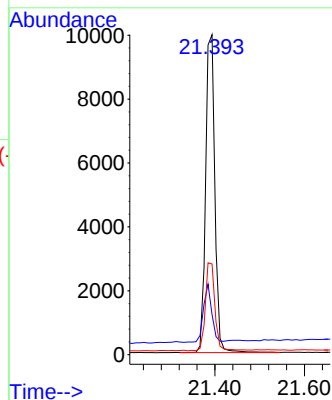
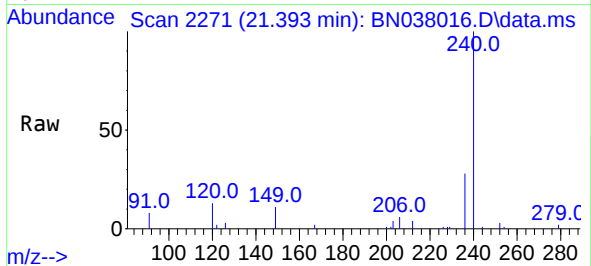




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038016.D
Acq: 06 Oct 2025 19:12

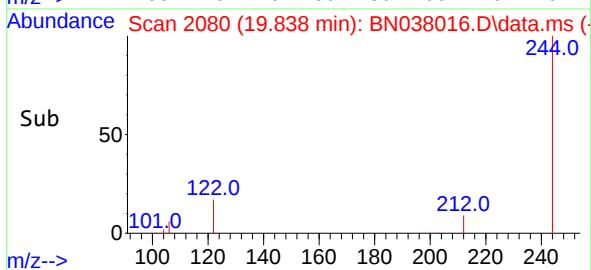
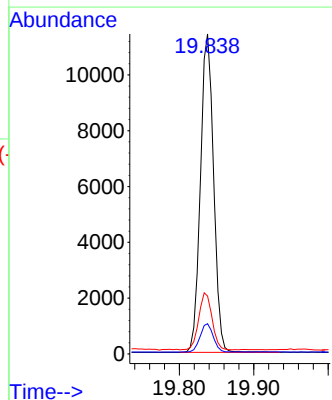
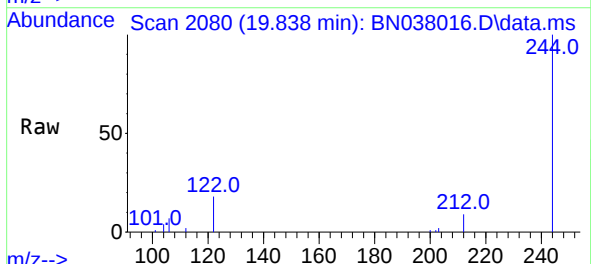
Instrument :
BNA_N
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DUP10-20250922

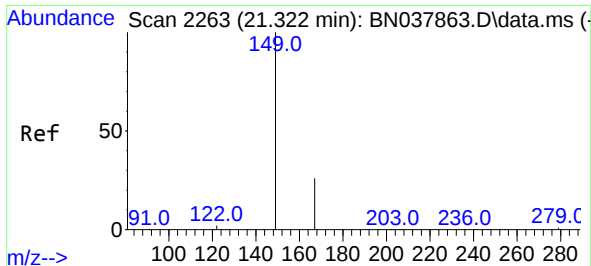
Tgt Ion:240 Resp: 14360
Ion Ratio Lower Upper
240 100
120 12.6 11.4 17.2
236 28.3 23.0 34.6



#31
Terphenyl-d14
Concen: 0.491 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038016.D
Acq: 06 Oct 2025 19:12

Tgt Ion:244 Resp: 14038
Ion Ratio Lower Upper
244 100
212 9.5 7.6 11.4
122 18.1 13.9 20.9

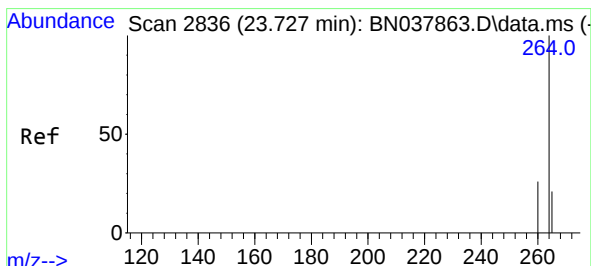
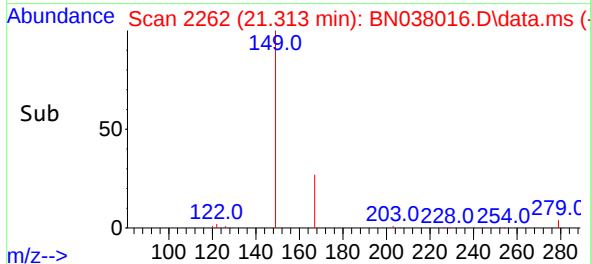
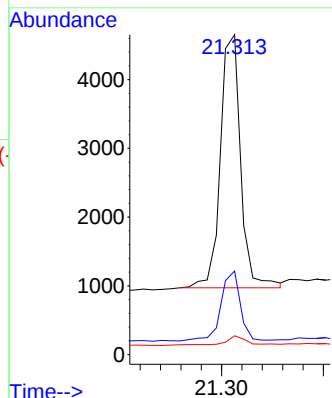
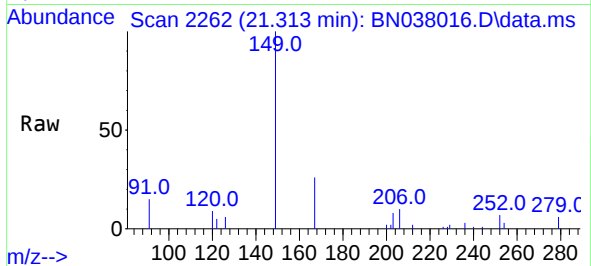




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.256 ng
 RT: 21.313 min Scan# 2131
 Delta R.T. -0.009 min
 Lab File: BN038016.D
 Acq: 06 Oct 2025 19:12

Instrument :
 BNA_N
 ClientSampleId :
 DUP10-20250922

Tgt Ion:149 Resp: 5084
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.4 30.6
 279 3.2 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.709 min Scan# 2830
 Delta R.T. -0.018 min
 Lab File: BN038016.D
 Acq: 06 Oct 2025 19:12

Tgt Ion:264 Resp: 11948
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.5 32.3
 265 96.0 53.8 80.6#

