

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037911.D
 Acq On : 26 Sep 2025 05:18
 Operator : RC/JU
 Sample : Q3156-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT190D2-20250918

Quant Time: Sep 26 07:39:35 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)

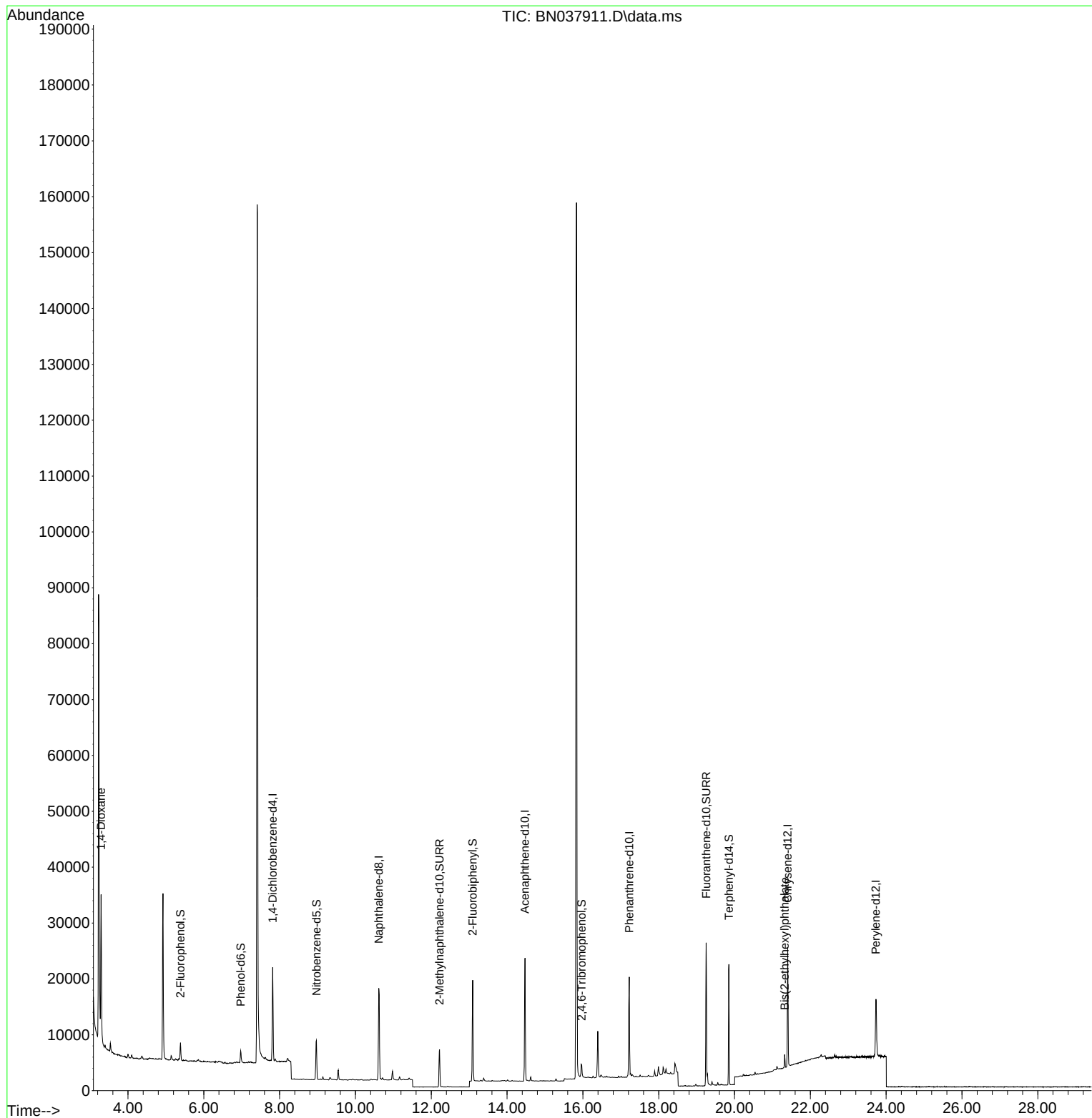
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	8047	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	22852	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	11726	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	24423	0.400	ng	0.00
29) Chrysene-d12	21.402	240	18501	0.400	ng	0.00
35) Perylene-d12	23.730	264	14619	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2528	0.138	ng	0.00
5) Phenol-d6	6.973	99	1915	0.079	ng	0.00
8) Nitrobenzene-d5	8.971	82	5885	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	9082	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1447	0.325	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	14784	0.308	ng	0.00
27) Fluoranthene-d10	19.252	212	26480	0.431	ng	0.00
31) Terphenyl-d14	19.852	244	19501	0.529	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	15301	1.873	ng	99
34) Bis(2-ethylhexyl)phtha...	21.322	149	2228	0.087	ng	# 98

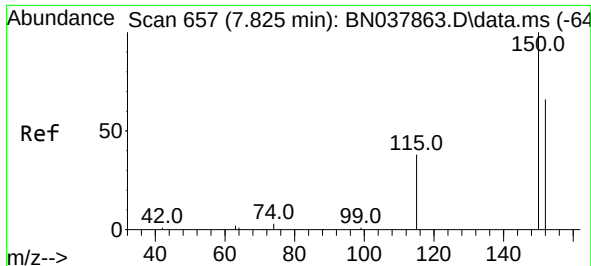
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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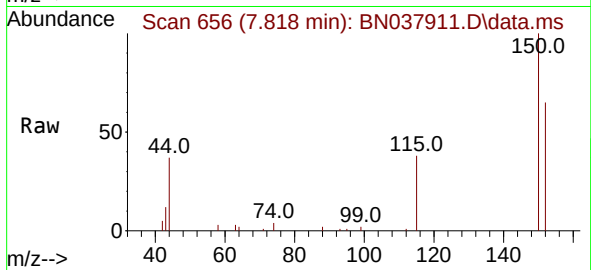
Quant Time: Sep 26 07:39:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
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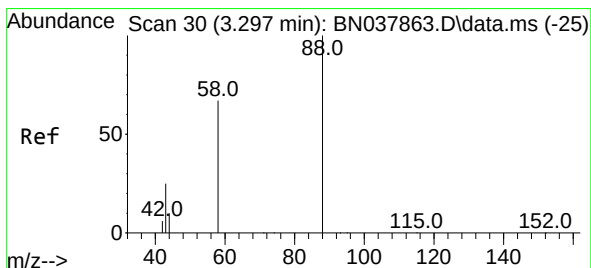
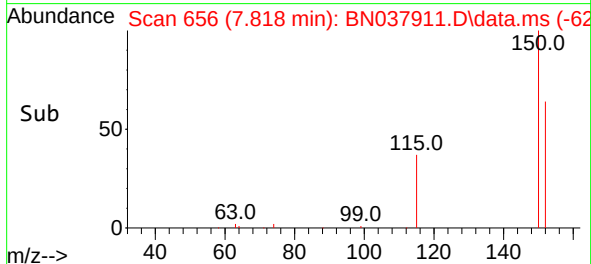
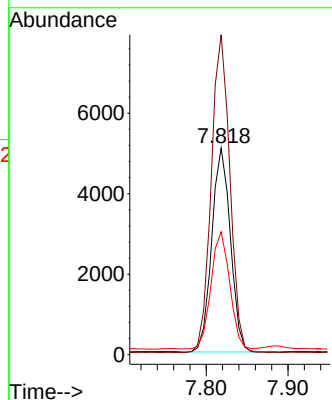
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037911.D
 Acq: 26 Sep 2025 05:18

Instrument :
 BNA_N
 ClientSampleId :
 TT190D2-20250918



Tgt Ion:152 Resp: 8047

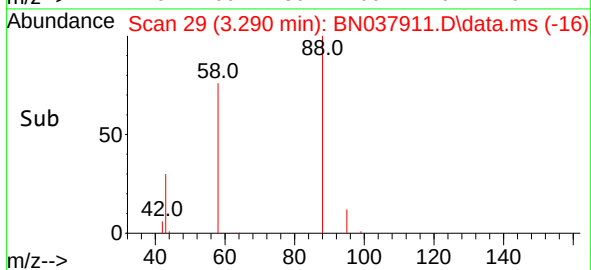
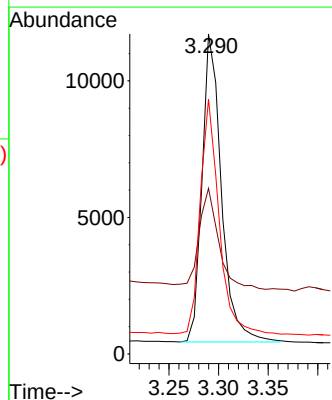
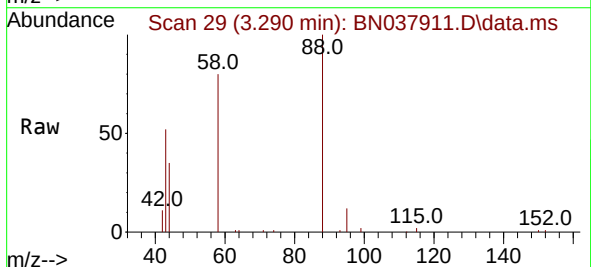
Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.0	181.4
115	59.4	47.4	71.0

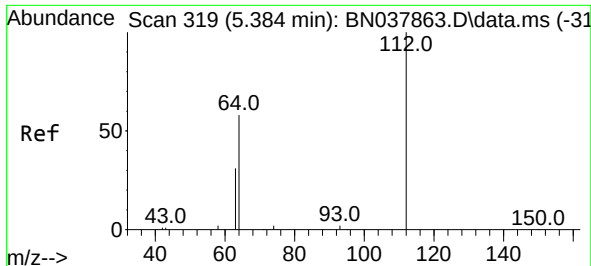


#2
 1,4-Dioxane
 Concen: 1.873 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037911.D
 Acq: 26 Sep 2025 05:18

Tgt Ion: 88 Resp: 15301

Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.6	39.8
58	74.2	58.9	88.3





#4

2-Fluorophenol

Concen: 0.138 ng

RT: 5.384 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN037911.D

Acq: 26 Sep 2025 05:18

Instrument :

BNA_N

ClientSampleId :

TT190D2-20250918

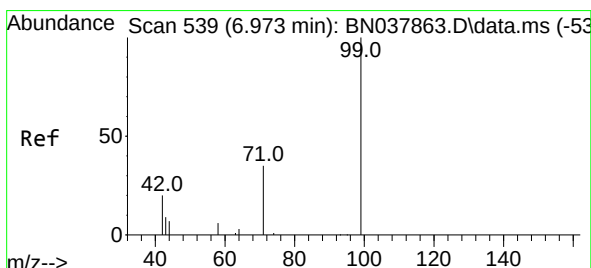
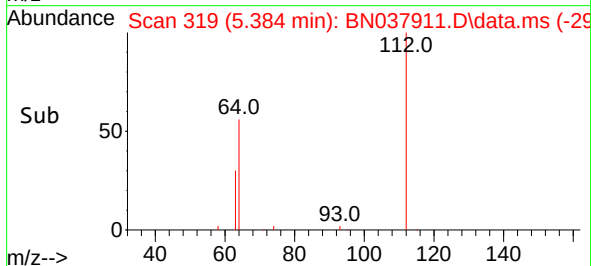
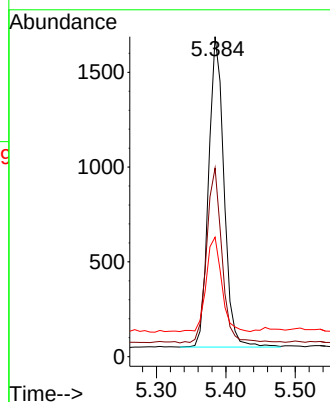
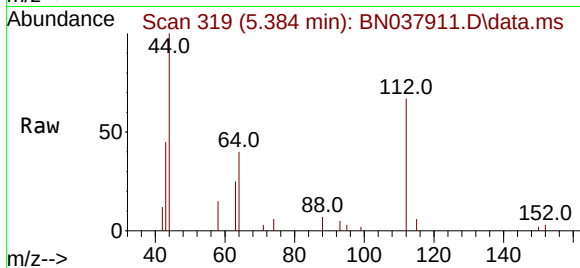
Tgt Ion:112 Resp: 2528

Ion Ratio Lower Upper

112 100

64 56.4 44.6 66.8

63 30.3 24.9 37.3



#5

Phenol-d6

Concen: 0.079 ng

RT: 6.973 min Scan# 539

Delta R.T. -0.000 min

Lab File: BN037911.D

Acq: 26 Sep 2025 05:18

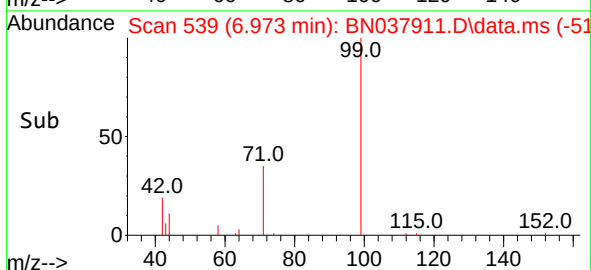
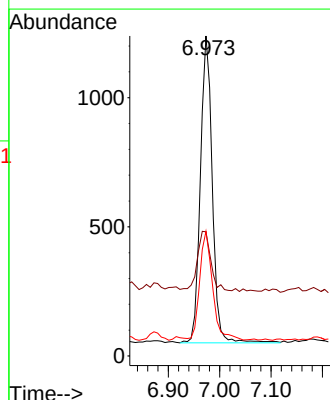
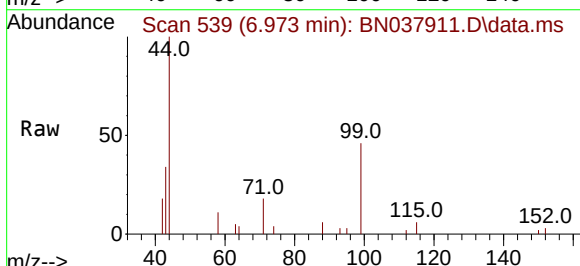
Tgt Ion: 99 Resp: 1915

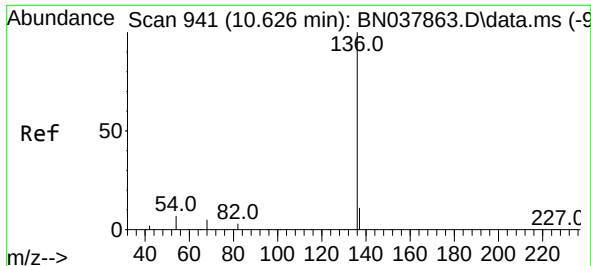
Ion Ratio Lower Upper

99 100

42 21.1 17.2 25.8

71 37.9 27.3 40.9

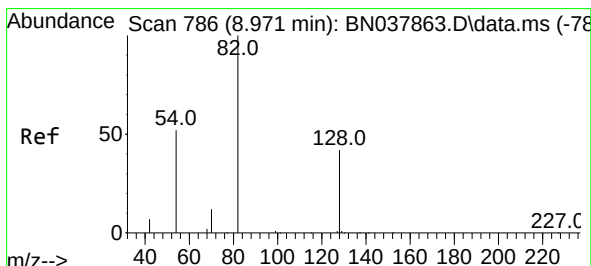
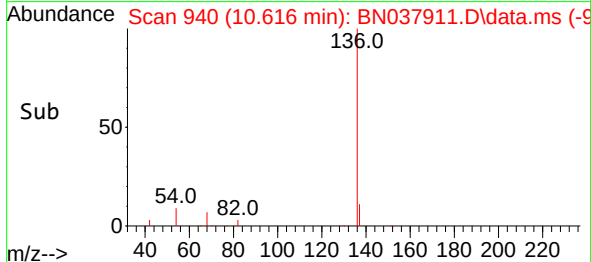
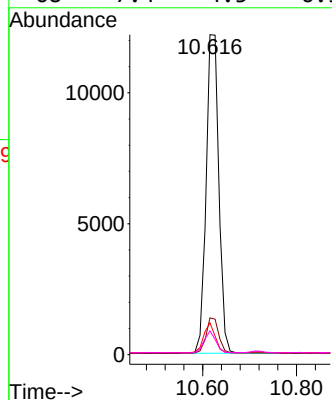
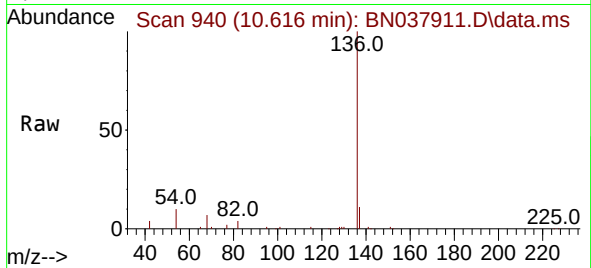




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037911.D
Acq: 26 Sep 2025 05:18

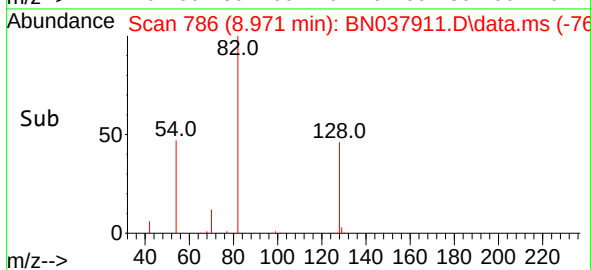
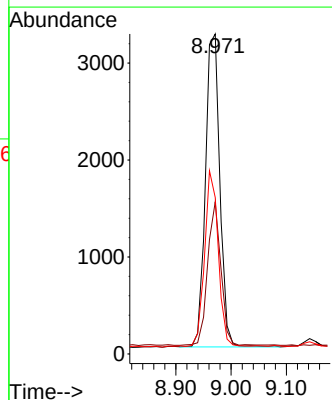
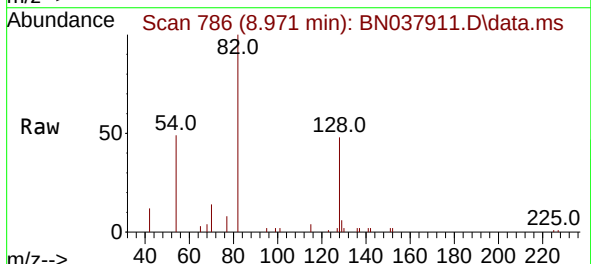
Instrument :
BNA_N
ClientSampleId :
TT190D2-20250918

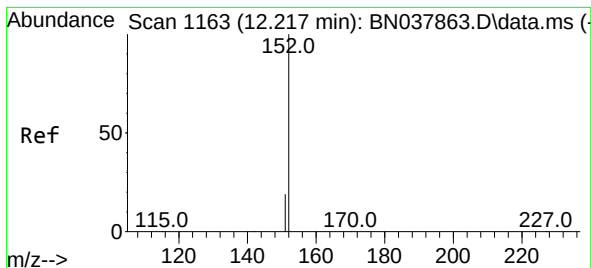
Tgt Ion:	136	Resp:	22852
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	9.9	5.8	8.8#
68	7.4	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037911.D
Acq: 26 Sep 2025 05:18

Tgt Ion:	82	Resp:	5885
Ion Ratio	Lower	Upper	
82	100		
128	47.6	34.8	52.2
54	48.9	42.2	63.2

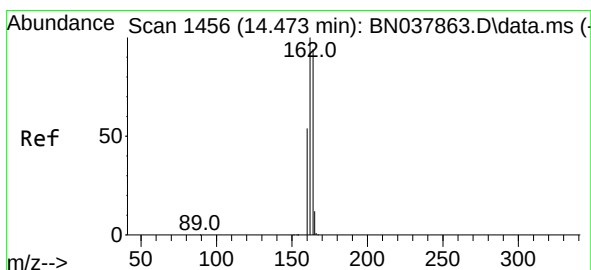
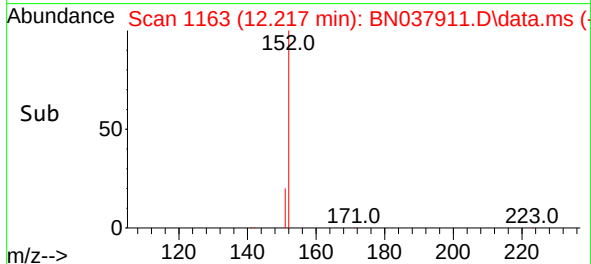
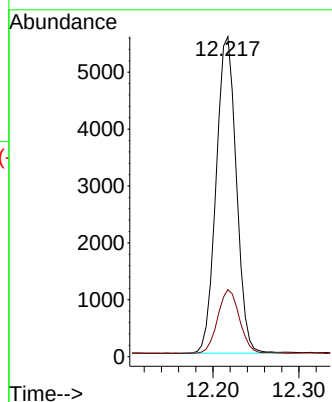
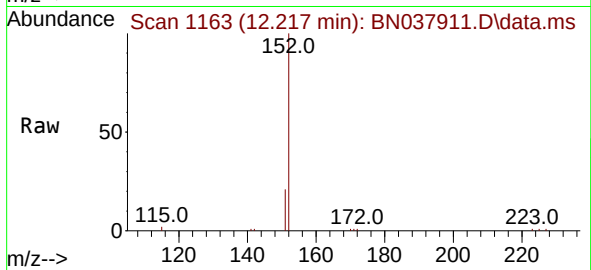




#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037911.D
Acq: 26 Sep 2025 05:18

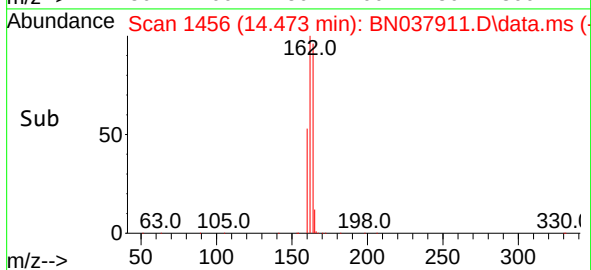
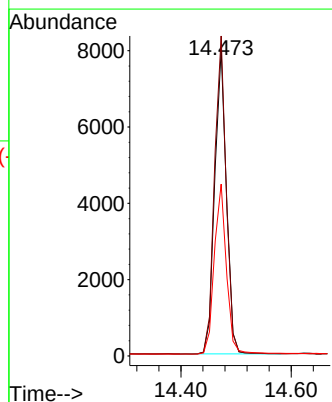
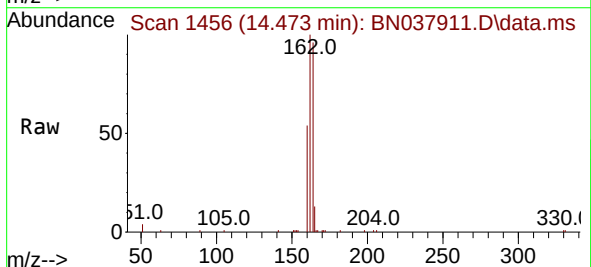
Instrument :
BNA_N
ClientSampleId :
TT190D2-20250918

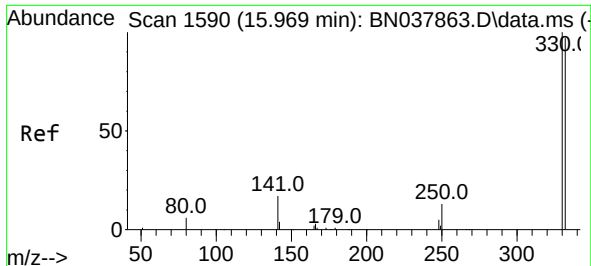
Tgt Ion:152 Resp: 9082
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037911.D
Acq: 26 Sep 2025 05:18

Tgt Ion:164 Resp: 11726
Ion Ratio Lower Upper
164 100
162 104.4 84.8 127.2
160 56.1 46.1 69.1

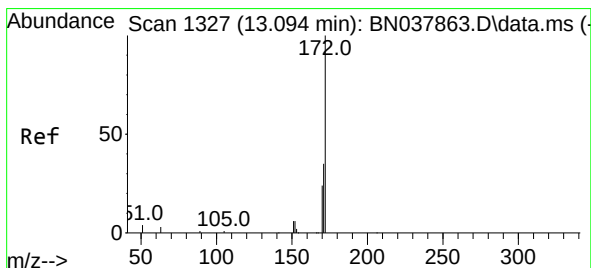
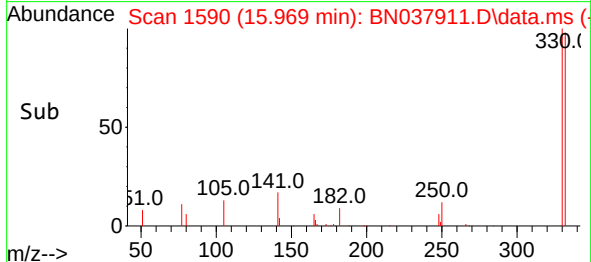
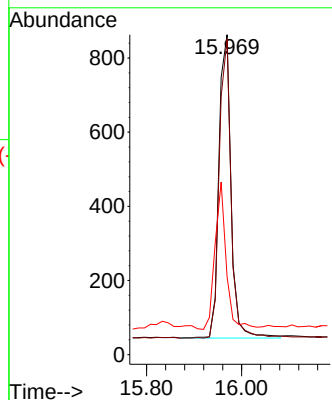
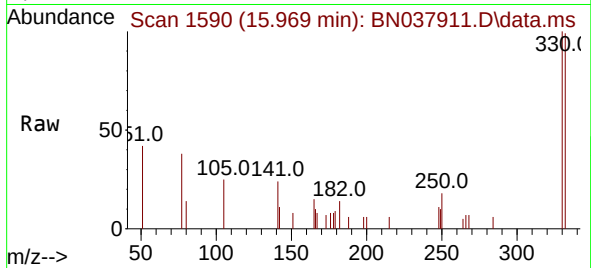




#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037911.D
Acq: 26 Sep 2025 05:18

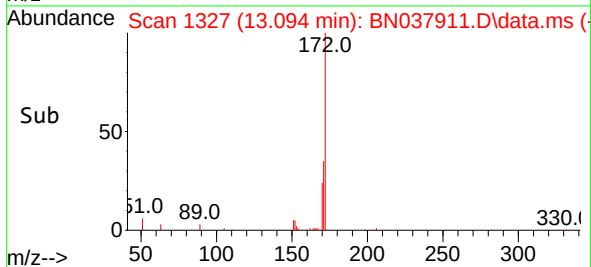
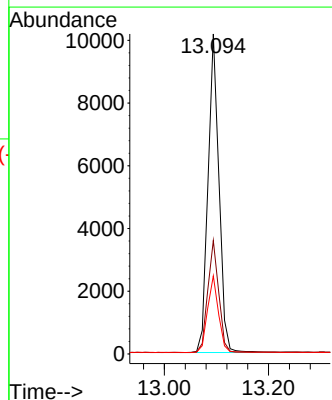
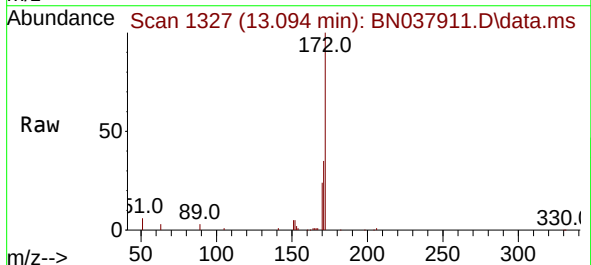
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ClientSampleId :
TT190D2-20250918

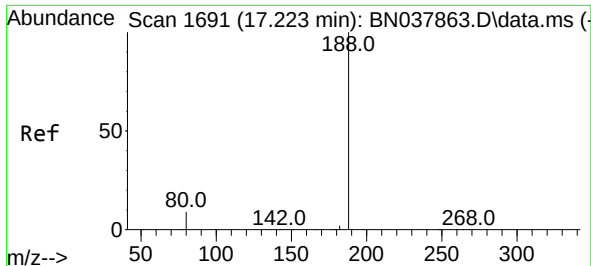
Tgt Ion:330 Resp: 1447
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 45.1 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037911.D
Acq: 26 Sep 2025 05:18

Tgt Ion:172 Resp: 14784
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.4 19.7 29.5

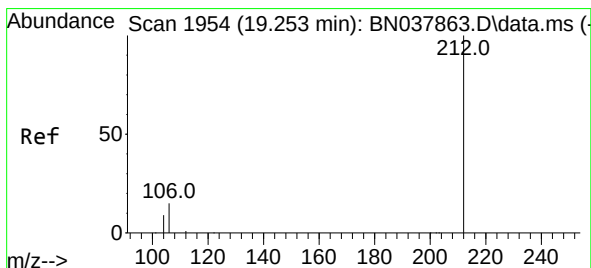
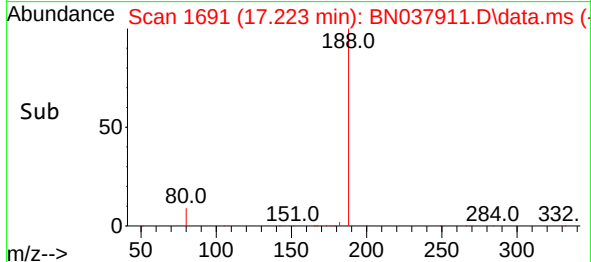
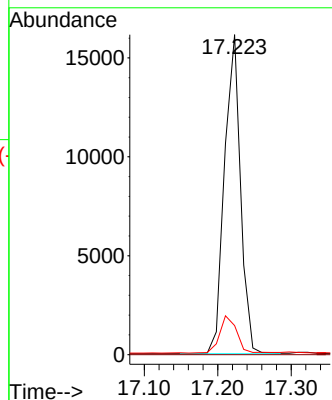
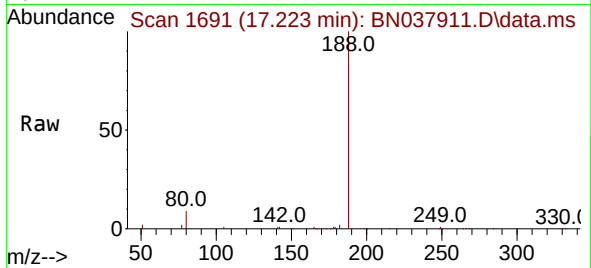




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037911.D
Acq: 26 Sep 2025 05:18

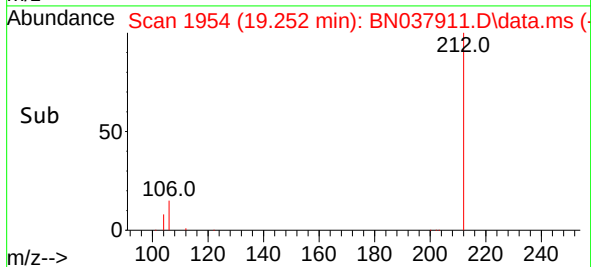
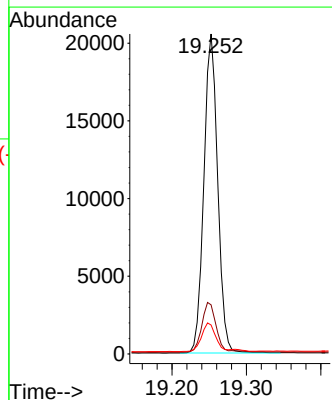
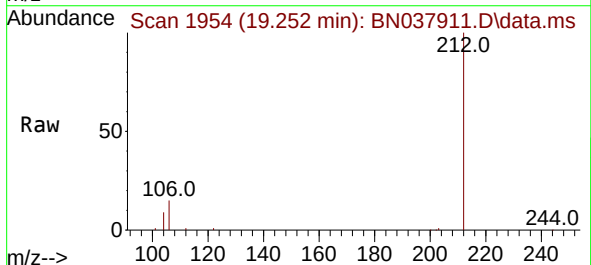
Instrument :
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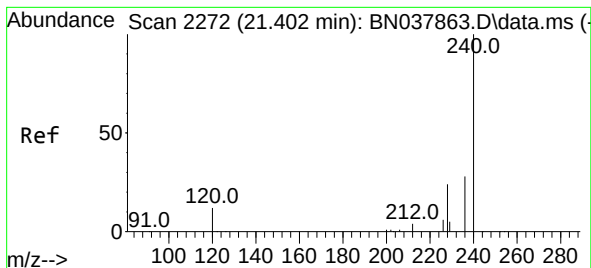
Tgt Ion:188 Resp: 24423
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037911.D
Acq: 26 Sep 2025 05:18

Tgt Ion:212 Resp: 26480
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 9.2 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037911.D

Acq: 26 Sep 2025 05:18

Instrument :

BNA_N

ClientSampleId :

TT190D2-20250918

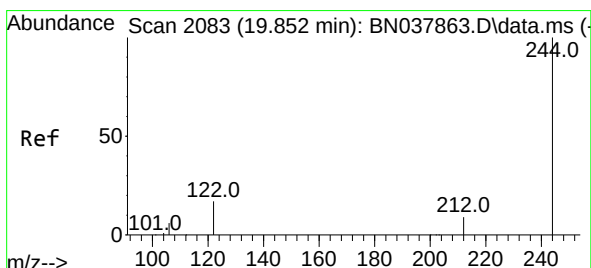
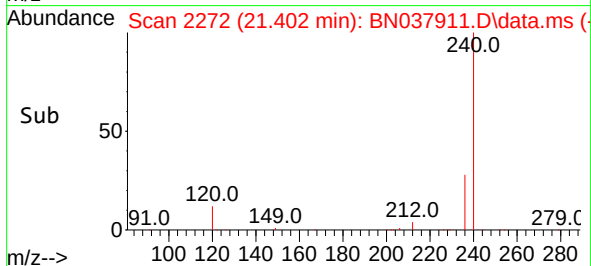
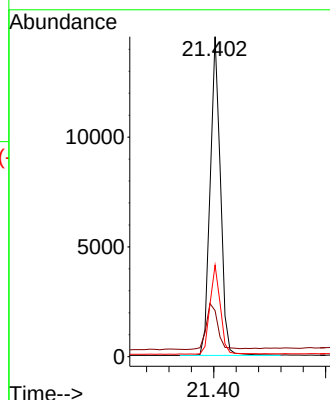
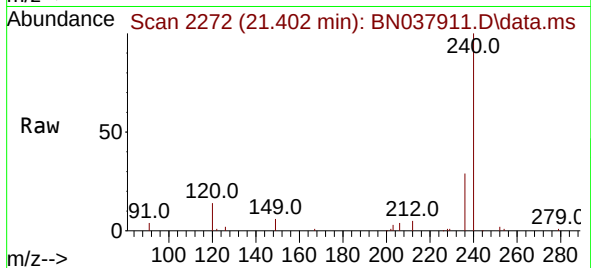
Tgt Ion:240 Resp: 18501

Ion Ratio Lower Upper

240 100

120 14.4 11.4 17.2

236 28.6 23.0 34.6



#31

Terphenyl-d14

Concen: 0.529 ng

RT: 19.852 min Scan# 2083

Delta R.T. -0.000 min

Lab File: BN037911.D

Acq: 26 Sep 2025 05:18

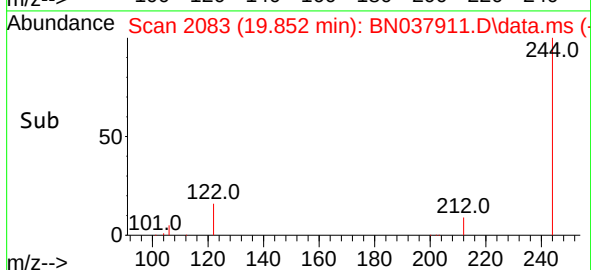
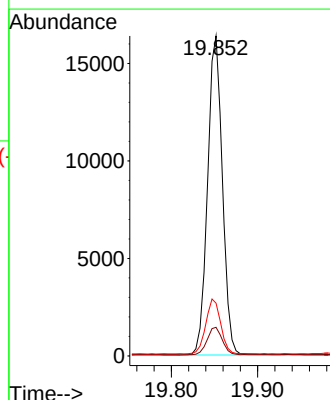
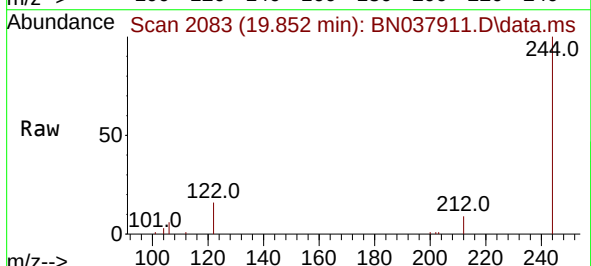
Tgt Ion:244 Resp: 19501

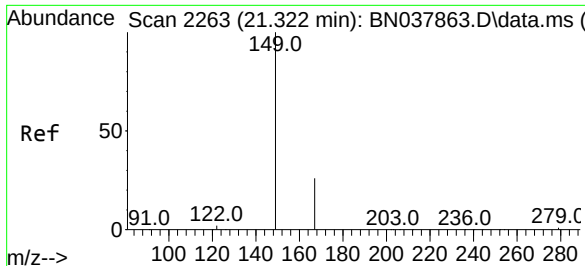
Ion Ratio Lower Upper

244 100

212 8.9 7.6 11.4

122 16.5 13.9 20.9

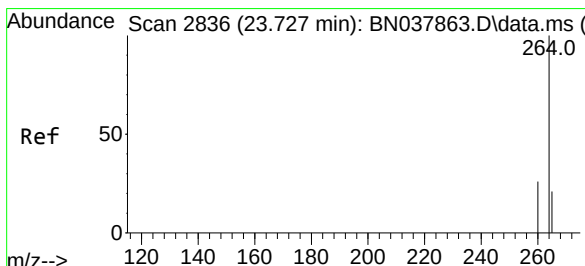
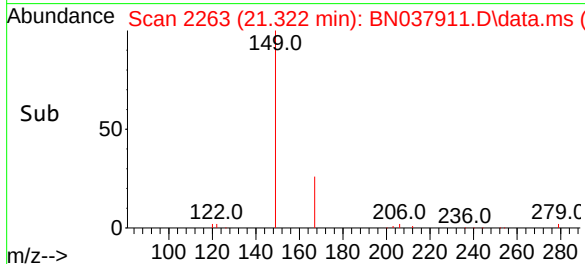
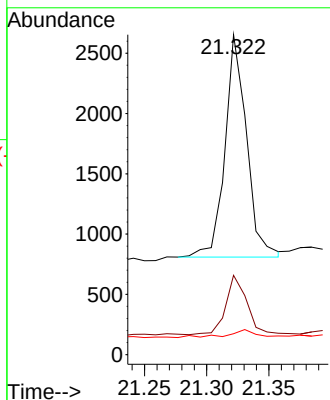
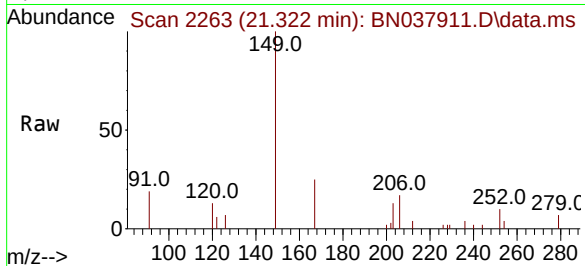




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 21.322 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN037911.D
Acq: 26 Sep 2025 05:18

Instrument :
BNA_N
ClientSampleId :
TT190D2-20250918

Tgt Ion:149 Resp: 2228
Ion Ratio Lower Upper
149 100
167 26.3 20.4 30.6
279 4.9 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.730 min Scan# 2837
Delta R.T. 0.003 min
Lab File: BN037911.D
Acq: 26 Sep 2025 05:18

Tgt Ion:264 Resp: 14619
Ion Ratio Lower Upper
264 100
260 26.6 21.5 32.3
265 77.0 53.8 80.6

