

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037897.D
 Acq On : 25 Sep 2025 20:05
 Operator : RC/JU
 Sample : Q3156-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT190D1-20250918

Quant Time: Sep 25 23:50:38 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)

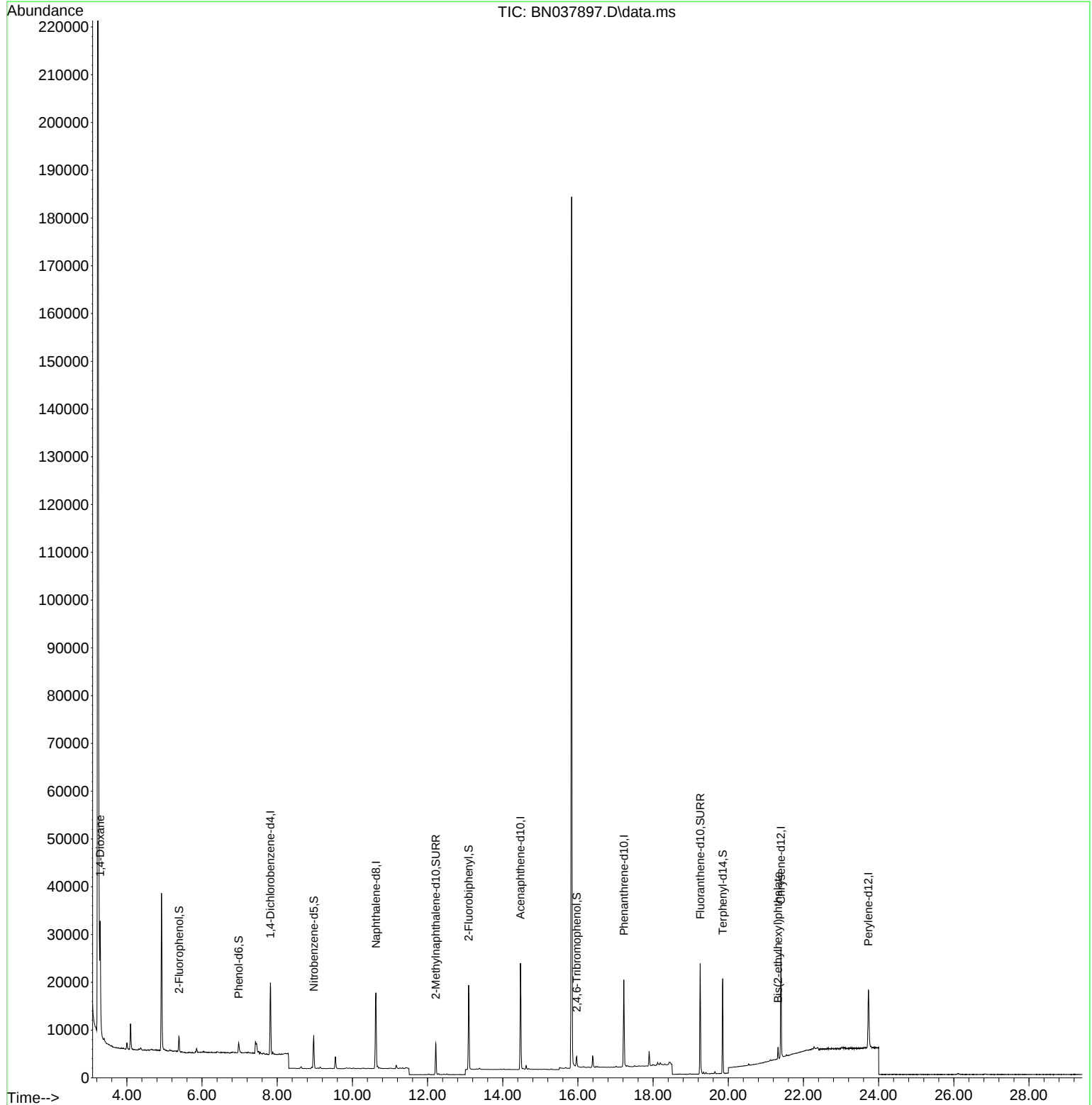
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7371	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	21672	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	11695	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	23866	0.400	ng	0.00
29) Chrysene-d12	21.402	240	20074	0.400	ng	0.00
35) Perylene-d12	23.730	264	17451	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	2525	0.150	ng	0.00
5) Phenol-d6	6.973	99	1962	0.089	ng	0.00
8) Nitrobenzene-d5	8.971	82	5384	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	8982	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1409	0.318	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	14580	0.305	ng	0.00
27) Fluoranthene-d10	19.252	212	24662	0.411	ng	0.00
31) Terphenyl-d14	19.852	244	18551	0.464	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	11464	1.532	ng	98
34) Bis(2-ethylhexyl)phtha...	21.322	149	2399	0.086	ng	# 99

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

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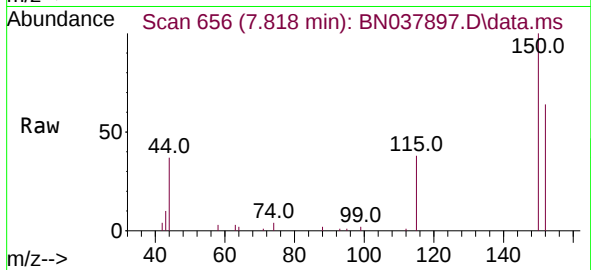
Quant Time: Sep 25 23:50:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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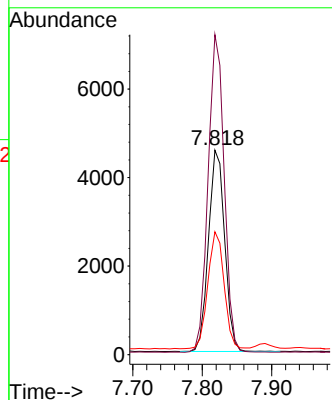
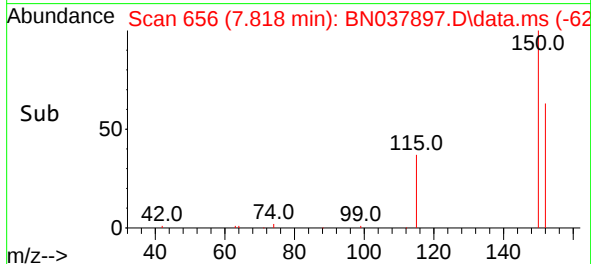


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037897.D
 Acq: 25 Sep 2025 20:05

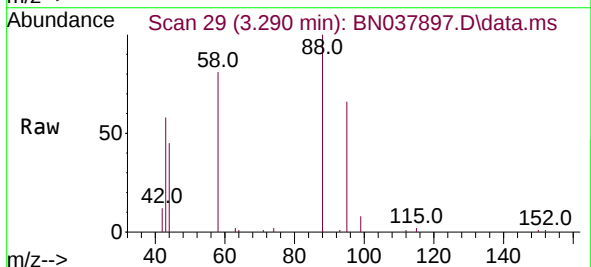
Instrument :
 BNA_N
 ClientSampleId :
 TT190D1-20250918



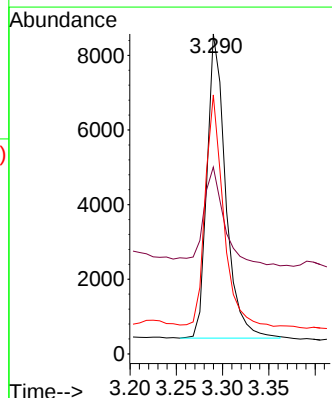
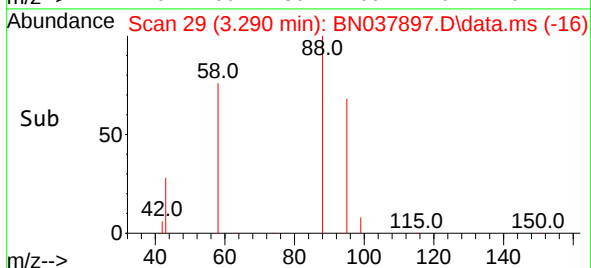
Tgt Ion:152 Resp: 7371
 Ion Ratio Lower Upper
 152 100
 150 156.6 121.0 181.4
 115 60.1 47.4 71.0



#2
 1,4-Dioxane
 Concen: 1.532 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037897.D
 Acq: 25 Sep 2025 20:05



Tgt Ion: 88 Resp: 11464
 Ion Ratio Lower Upper
 88 100
 43 35.6 26.6 39.8
 58 74.0 58.9 88.3

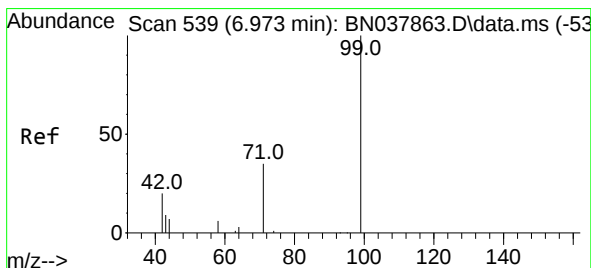
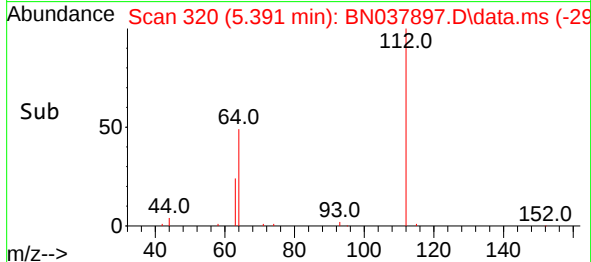
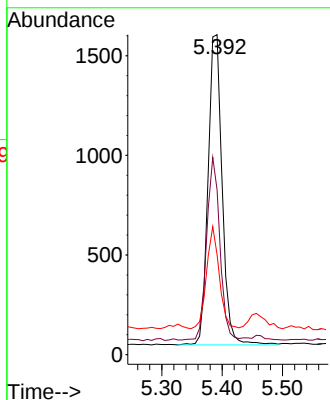
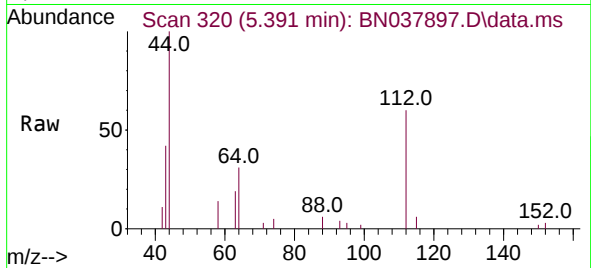




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.391 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN037897.D
Acq: 25 Sep 2025 20:05

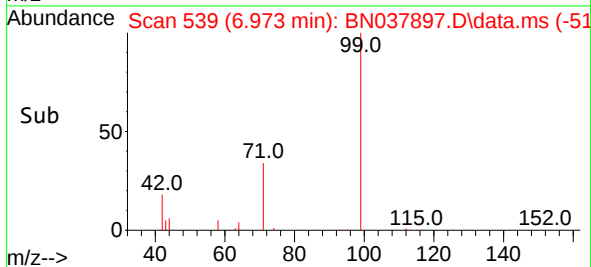
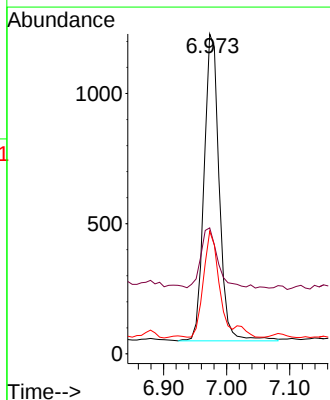
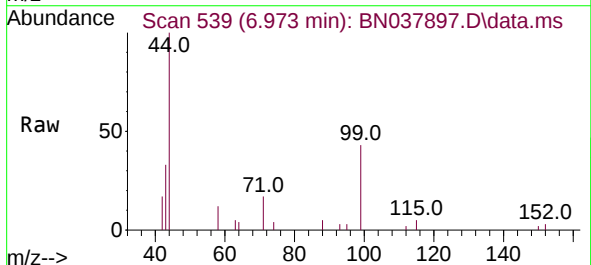
Instrument :
BNA_N
ClientSampleId :
TT190D1-20250918

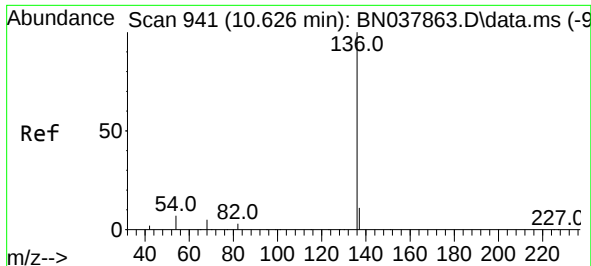
Tgt Ion:112 Resp: 2525
Ion Ratio Lower Upper
112 100
64 54.9 44.6 66.8
63 29.9 24.9 37.3



#5
Phenol-d6
Concen: 0.089 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037897.D
Acq: 25 Sep 2025 20:05

Tgt Ion: 99 Resp: 1962
Ion Ratio Lower Upper
99 100
42 21.3 17.2 25.8
71 35.2 27.3 40.9

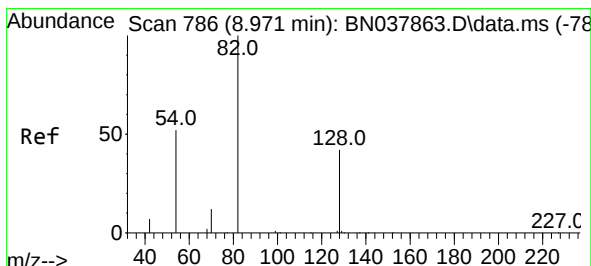
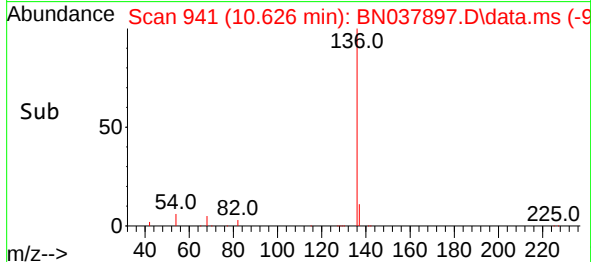
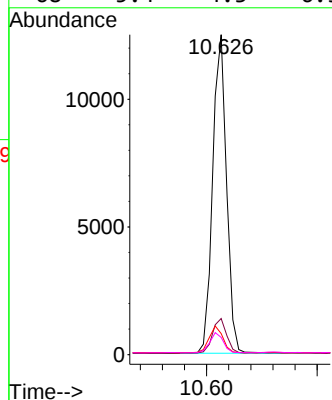
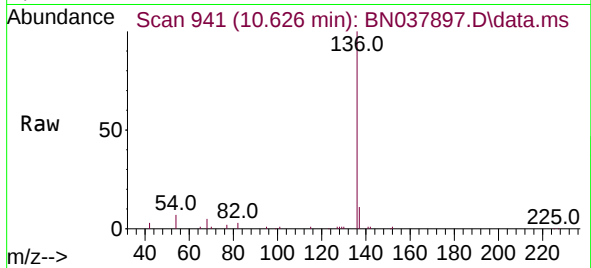




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037897.D
Acq: 25 Sep 2025 20:05

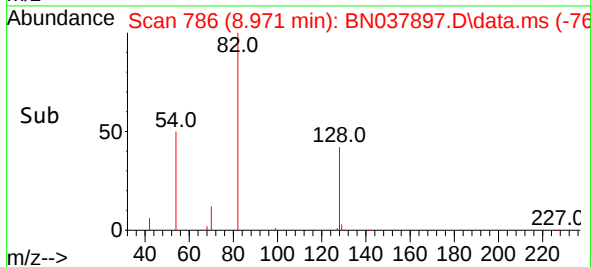
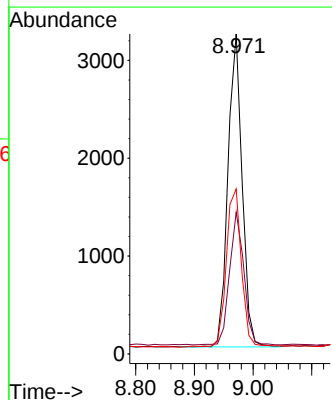
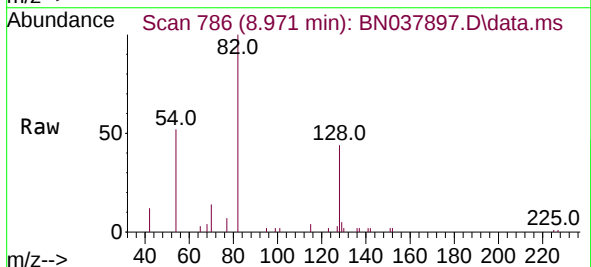
Instrument :
BNA_N
ClientSampleId :
TT190D1-20250918

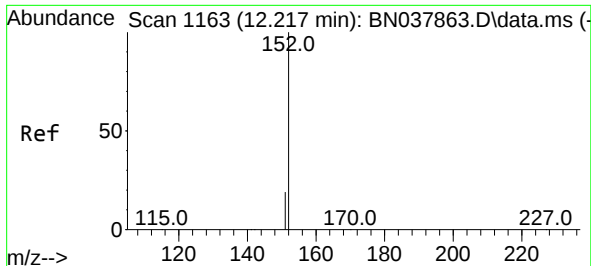
Tgt Ion:	136	Resp:	21672
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	6.6	5.8	8.8
68	5.4	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037897.D
Acq: 25 Sep 2025 20:05

Tgt Ion:	82	Resp:	5384
Ion Ratio	Lower	Upper	
82	100		
128	44.3	34.8	52.2
54	51.5	42.2	63.2

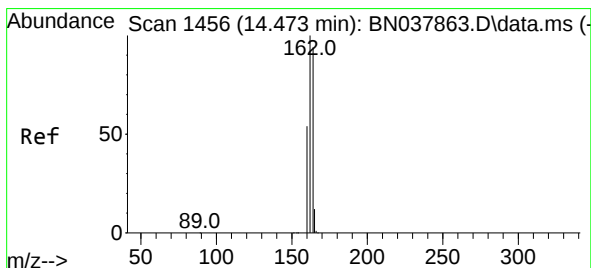
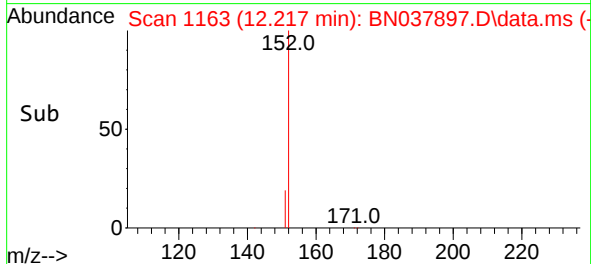
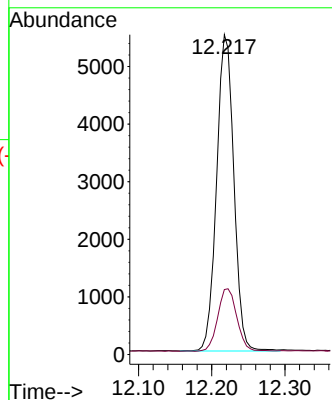
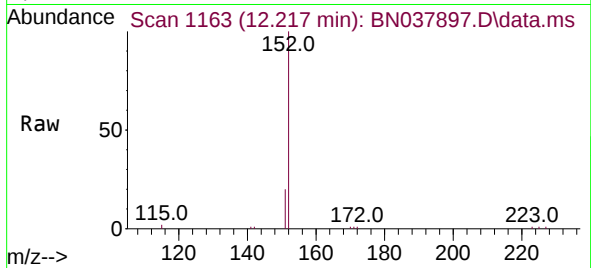




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037897.D
Acq: 25 Sep 2025 20:05

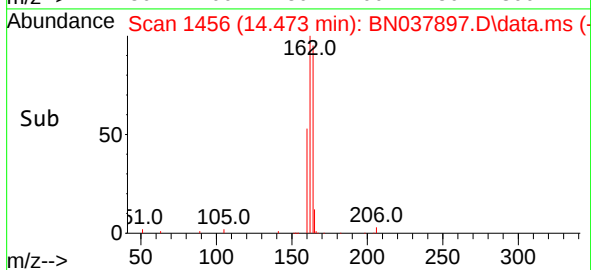
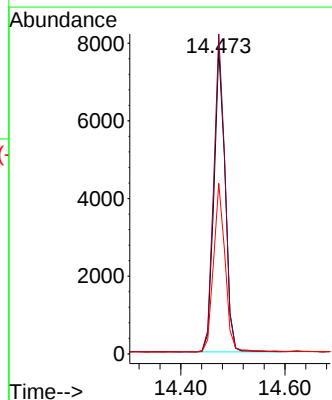
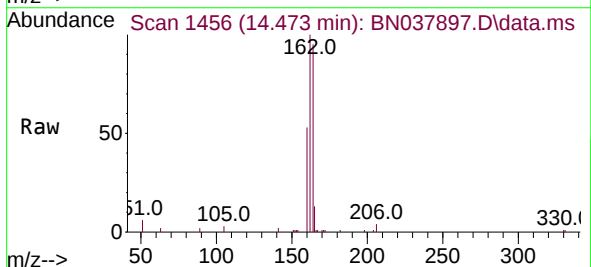
Instrument :
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TT190D1-20250918

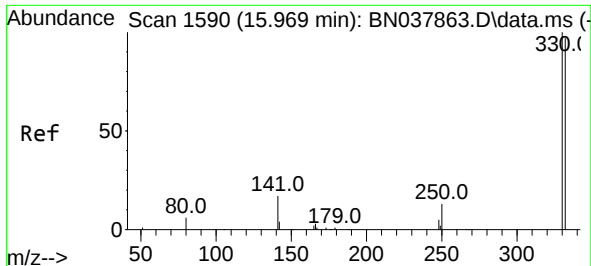
Tgt Ion:152 Resp: 8982
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037897.D
Acq: 25 Sep 2025 20:05

Tgt Ion:164 Resp: 11695
Ion Ratio Lower Upper
164 100
162 105.1 84.8 127.2
160 56.0 46.1 69.1

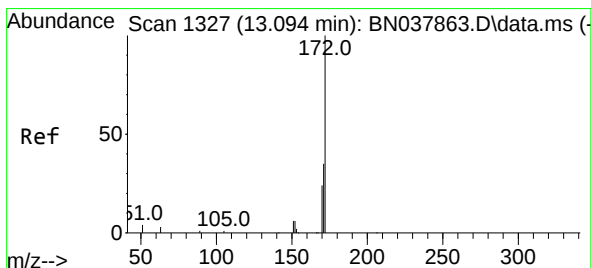
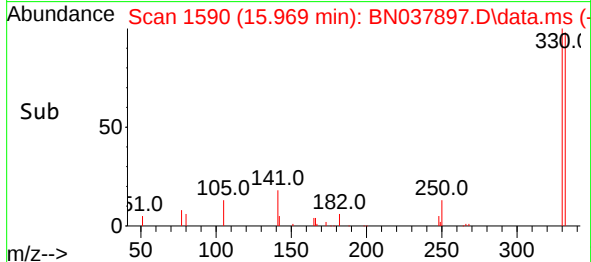
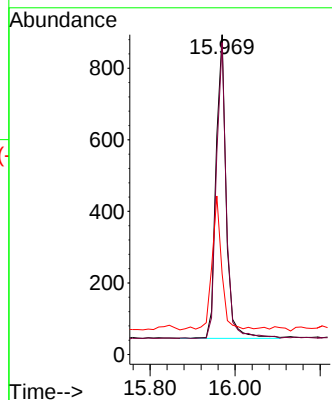
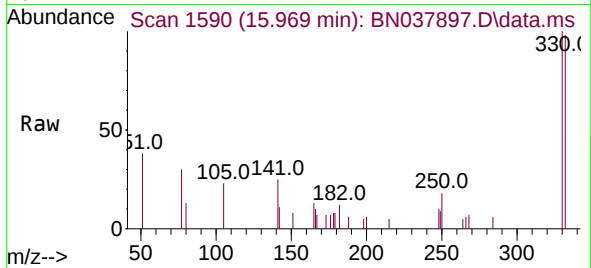




#14
 2,4,6-Tribromophenol
 Concen: 0.318 ng
 RT: 15.969 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN037897.D
 Acq: 25 Sep 2025 20:05

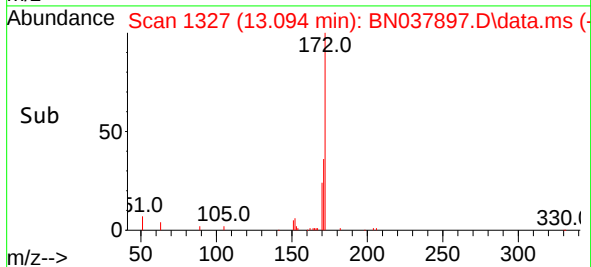
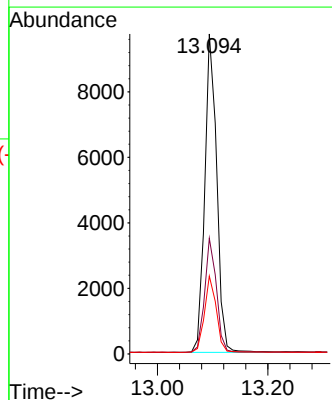
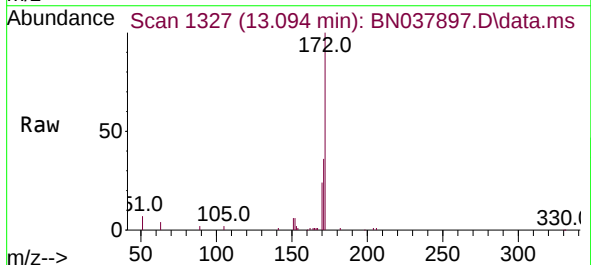
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 TT190D1-20250918

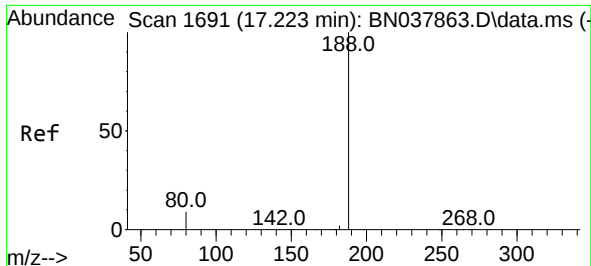
Tgt Ion:330 Resp: 1409
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.2 115.8
 141 42.6 37.2 55.8



#15
 2-Fluorobiphenyl
 Concen: 0.305 ng
 RT: 13.094 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BN037897.D
 Acq: 25 Sep 2025 20:05

Tgt Ion:172 Resp: 14580
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.4 19.7 29.5

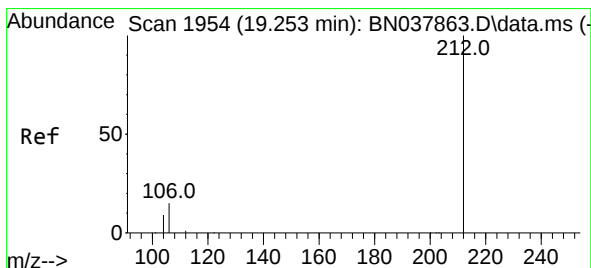
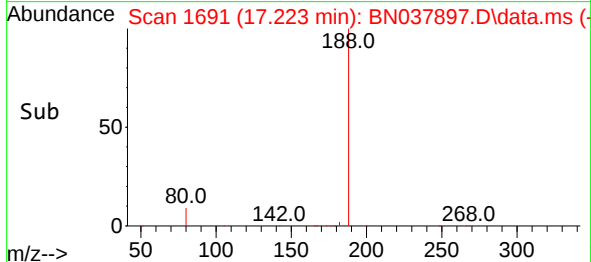
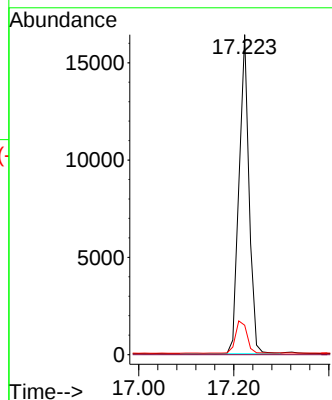
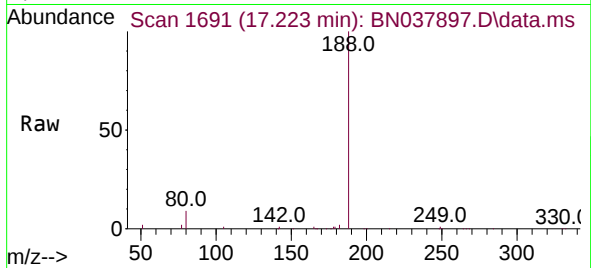




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037897.D
Acq: 25 Sep 2025 20:05

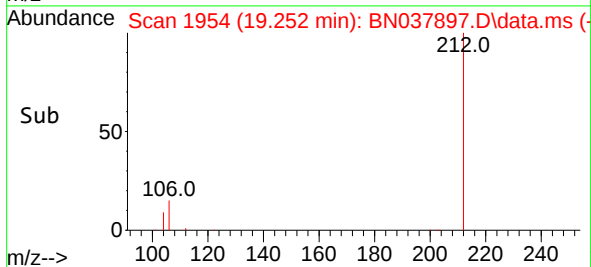
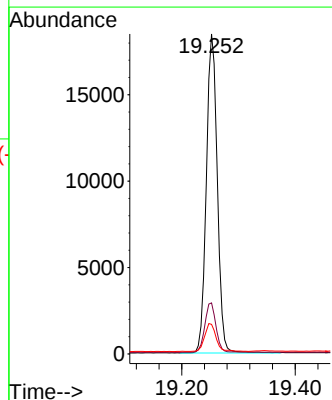
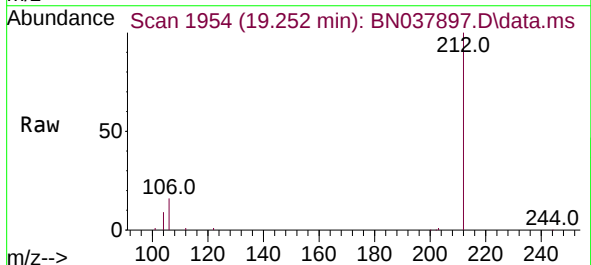
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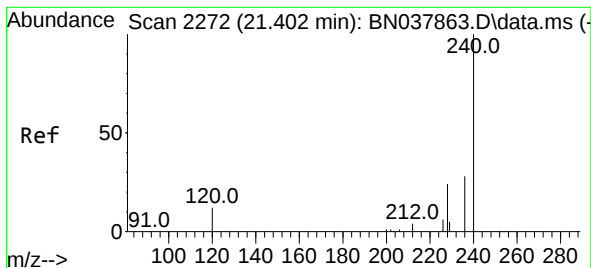
Tgt Ion:188 Resp: 23866
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037897.D
Acq: 25 Sep 2025 20:05

Tgt Ion:212 Resp: 24662
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 9.1 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: BN037897.D

Acq: 25 Sep 2025 20:05

Instrument :

BNA_N

ClientSampleId :

TT190D1-20250918

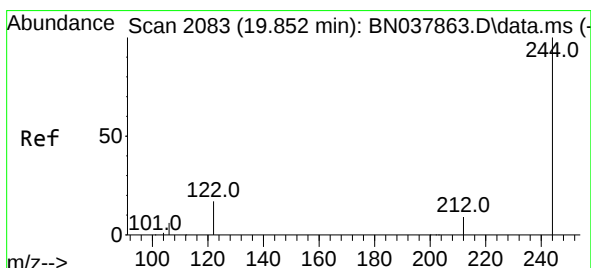
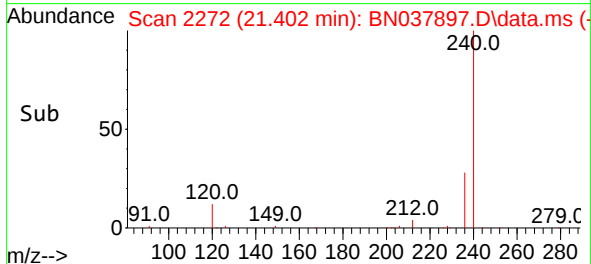
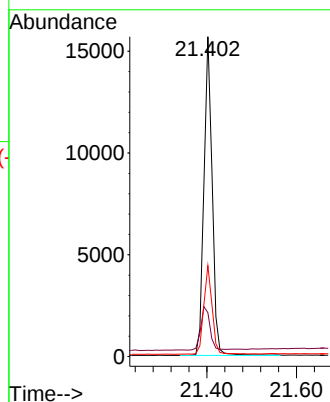
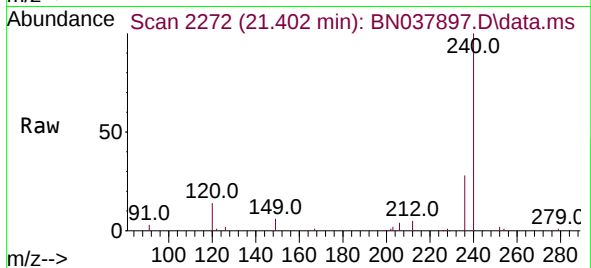
Tgt Ion:240 Resp: 20074

Ion Ratio Lower Upper

240 100

120 13.7 11.4 17.2

236 28.4 23.0 34.6



#31

Terphenyl-d14

Concen: 0.464 ng

RT: 19.852 min Scan# 2083

Delta R.T. -0.000 min

Lab File: BN037897.D

Acq: 25 Sep 2025 20:05

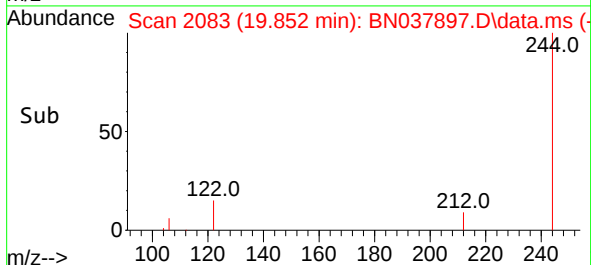
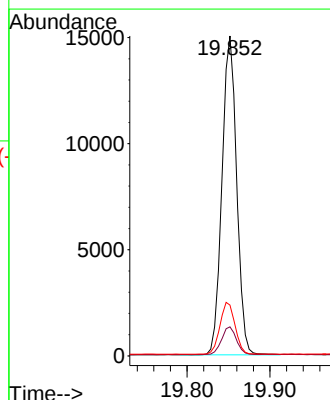
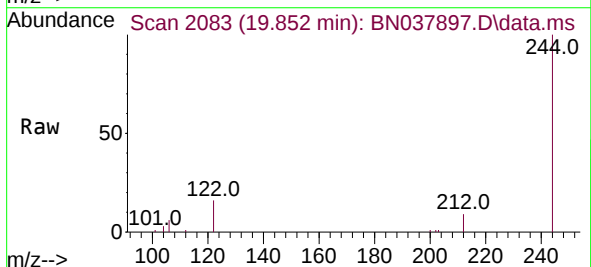
Tgt Ion:244 Resp: 18551

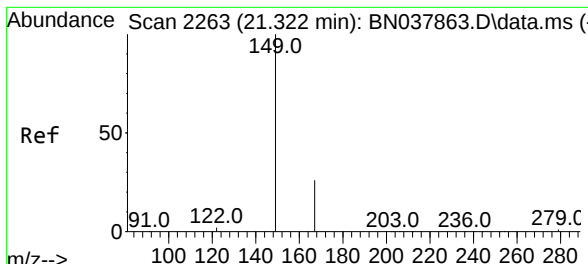
Ion Ratio Lower Upper

244 100

212 9.1 7.6 11.4

122 15.9 13.9 20.9

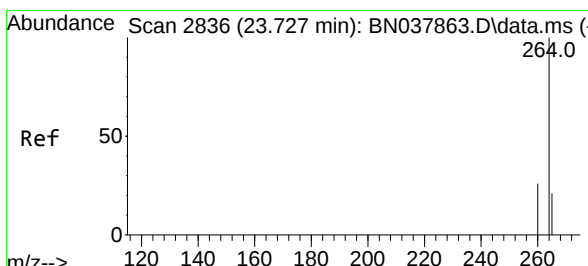
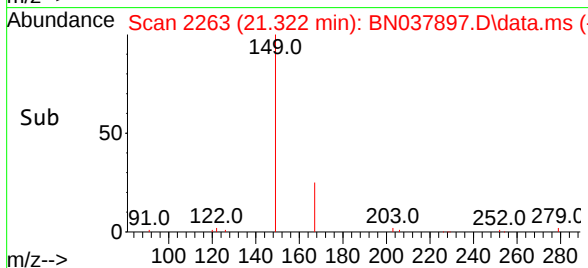
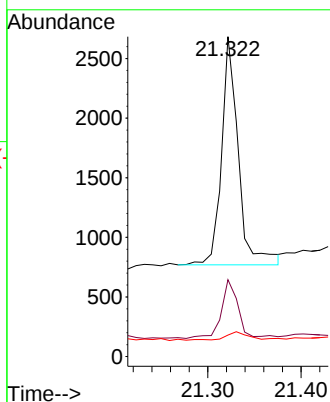
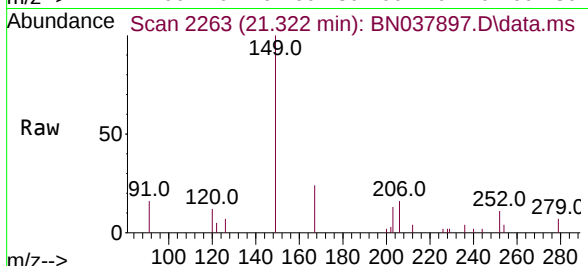




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.086 ng
 RT: 21.322 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037897.D
 Acq: 25 Sep 2025 20:05

Instrument :
 BNA_N
 ClientSampleId :
 TT190D1-20250918

Tgt Ion:149 Resp: 2399
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.4 30.6
 279 5.1 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: BN037897.D
 Acq: 25 Sep 2025 20:05

Tgt Ion:264 Resp: 17451
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.5 32.3
 265 70.4 53.8 80.6

