

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037824.D
 Acq On : 19 Sep 2025 21:00
 Operator : RC/JU
 Sample : Q3097-26
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 23:56:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

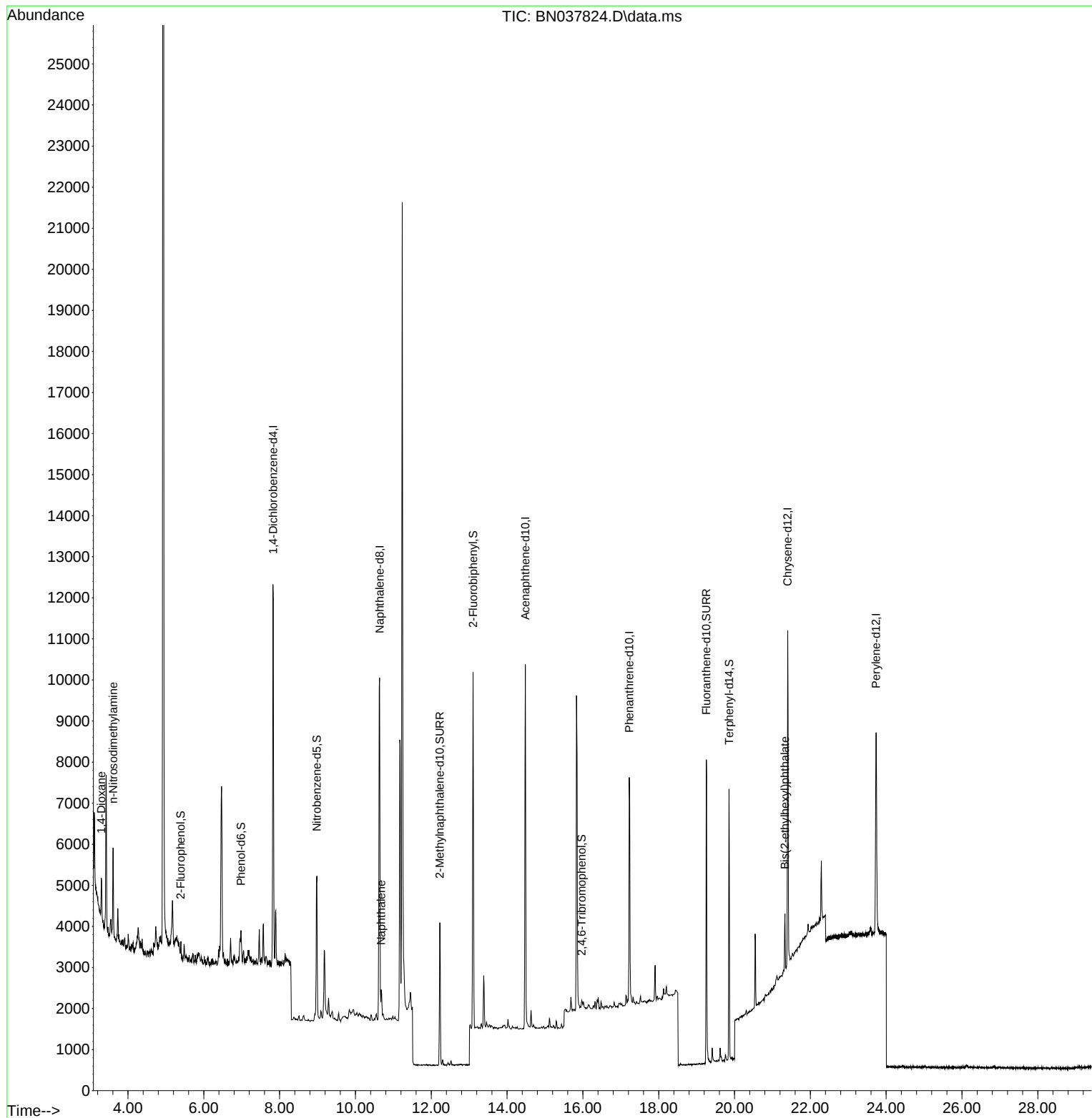
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4515	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12030	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	5004	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	8479	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	7497	0.400	ng	#-0.02
35) Perylene-d12	23.736	264	7192	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	266	0.026	ng	0.00
5) Phenol-d6	6.981	99	627	0.047	ng	0.00
8) Nitrobenzene-d5	8.982	82	2876	0.327	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	4628	0.290	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	109	0.084	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	7099	0.339	ng	-0.01
27) Fluoranthene-d10	19.257	212	7876	0.370	ng	-0.01
31) Terphenyl-d14	19.856	244	5974	0.393	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.297	88	501	0.107	ng	# 34
3) n-Nitrosodimethylamine	3.608	42	258	0.042	ng	# 29
9) Naphthalene	10.680	128	905	0.028	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.331	149	1356	0.175	ng	# 99

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

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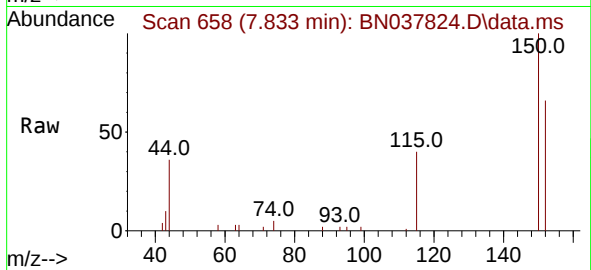
Quant Time: Sep 19 23:56:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



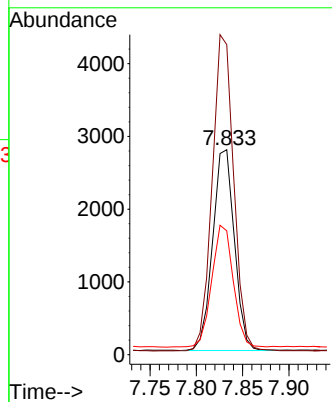
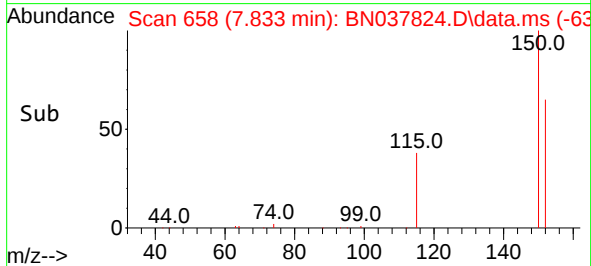


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037824.D
 Acq: 19 Sep 2025 21:00

Instrument :
 BNA_N
 ClientSampleId :

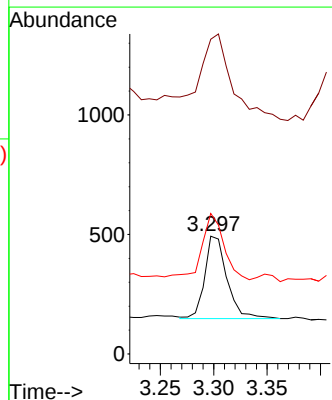
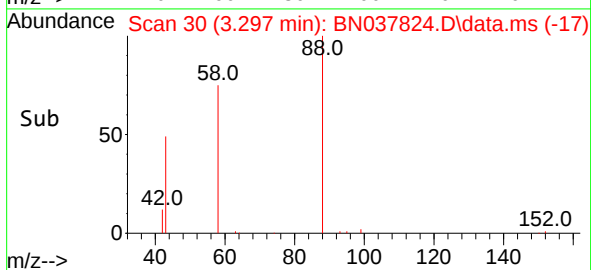
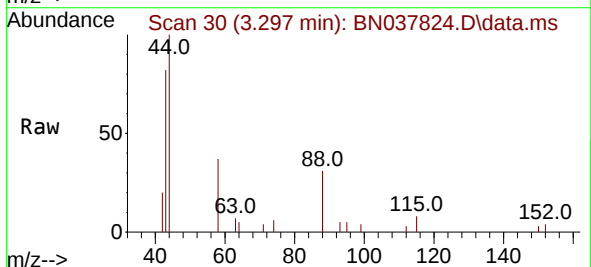


Tgt Ion:152 Resp: 4515
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.5 186.7
 115 60.4 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.107 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037824.D
 Acq: 19 Sep 2025 21:00

Tgt Ion: 88 Resp: 501
 Ion Ratio Lower Upper
 88 100
 43 152.1 26.8 40.2#
 58 81.4 61.9 92.9

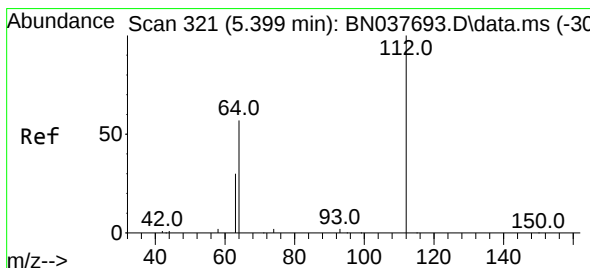
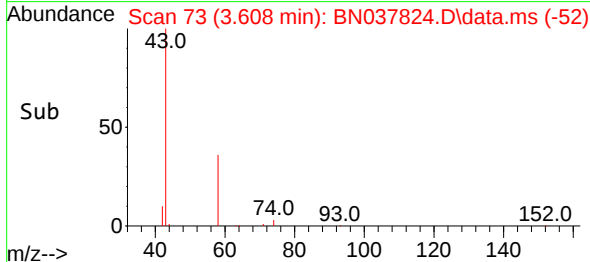
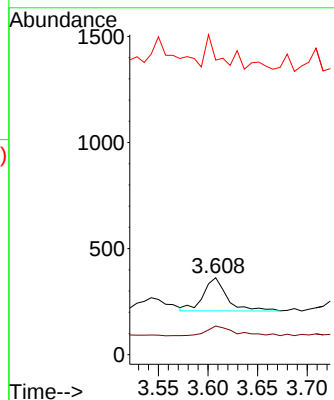
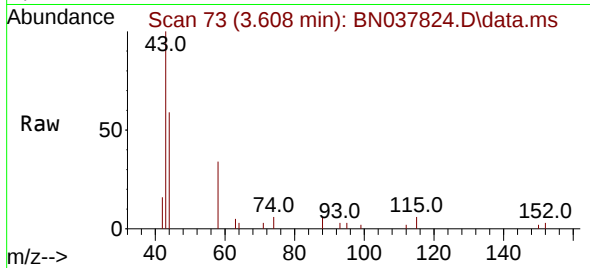




#3
n-Nitrosodimethylamine
Concen: 0.042 ng
RT: 3.608 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN037824.D
Acq: 19 Sep 2025 21:00

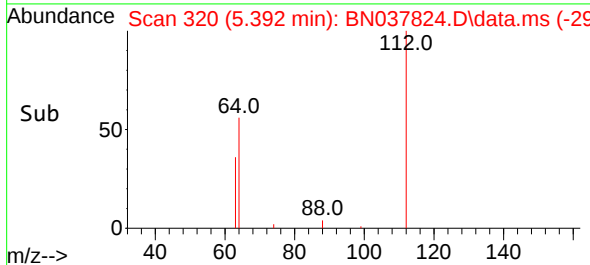
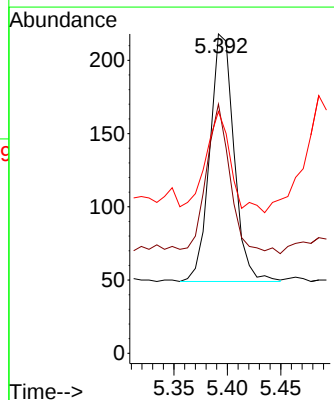
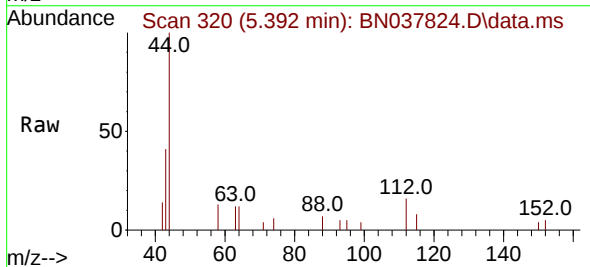
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 258
Ion Ratio Lower Upper
42 100
74 33.7 86.0 129.0#
44 39.1 8.4 12.6#



#4
2-Fluorophenol
Concen: 0.026 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN037824.D
Acq: 19 Sep 2025 21:00

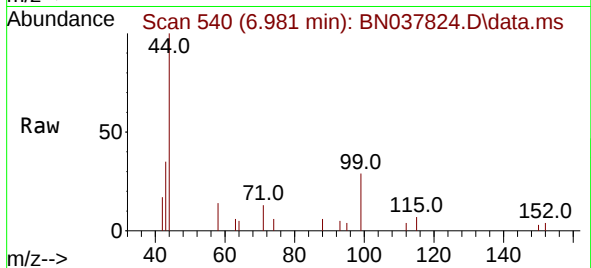
Tgt Ion: 112 Resp: 266
Ion Ratio Lower Upper
112 100
64 62.0 44.9 67.3
63 42.5 24.7 37.1#



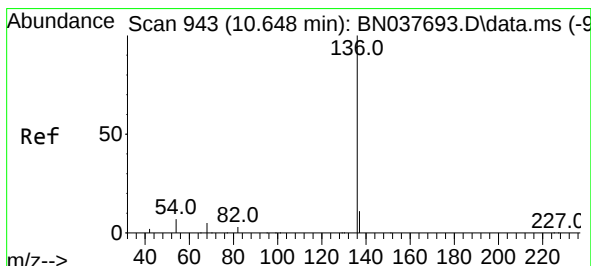
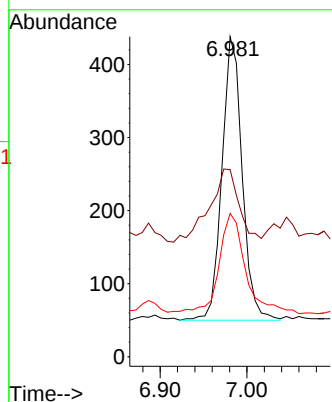
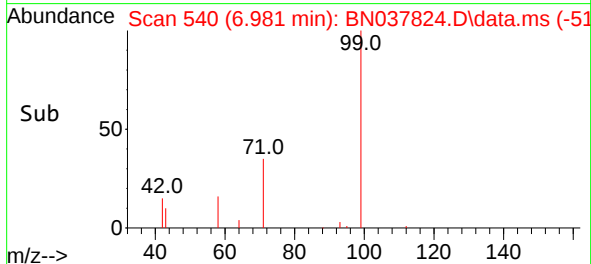


#5
Phenol-d6
Concen: 0.047 ng
RT: 6.981 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037824.D
Acq: 19 Sep 2025 21:00

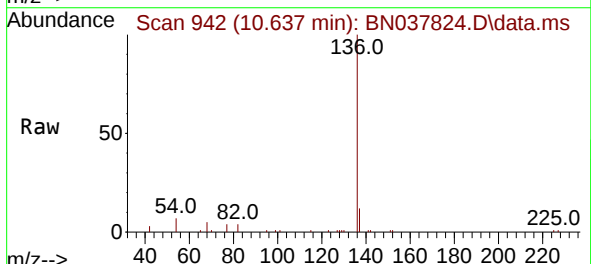
Instrument :
BNA_N
ClientSampleId :



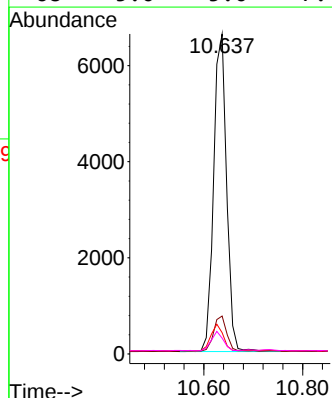
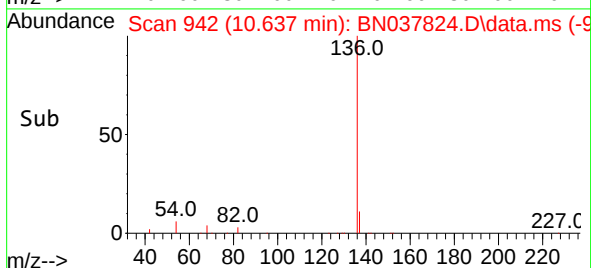
Tgt Ion: 99 Resp: 627
Ion Ratio Lower Upper
99 100
42 37.6 16.6 24.8#
71 46.3 26.7 40.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037824.D
Acq: 19 Sep 2025 21:00



Tgt Ion: 136 Resp: 12030
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 6.6 6.3 9.5
68 5.0 5.0 7.4#

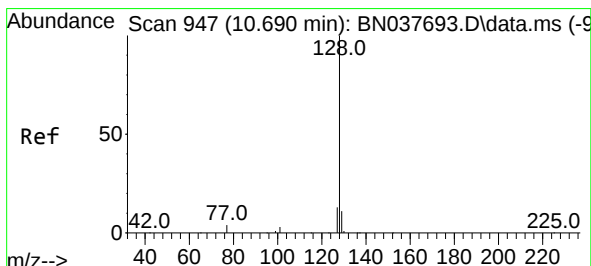
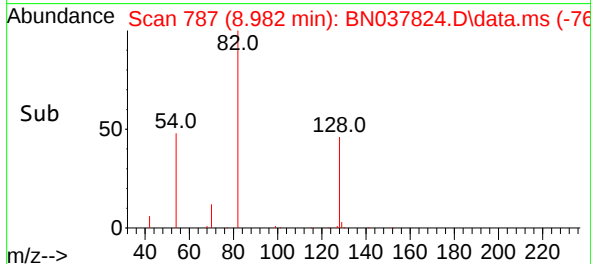
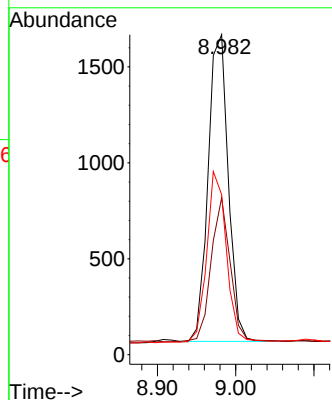
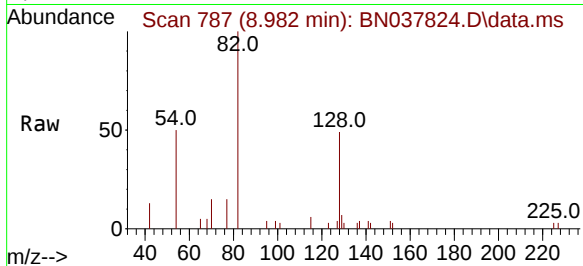




#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037824.D
Acq: 19 Sep 2025 21:00

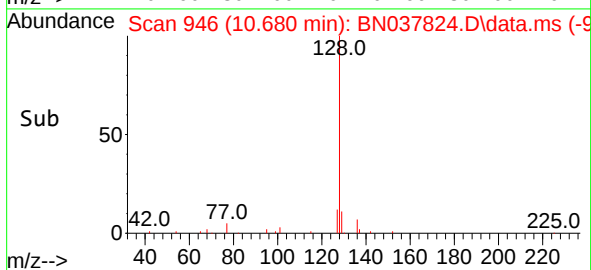
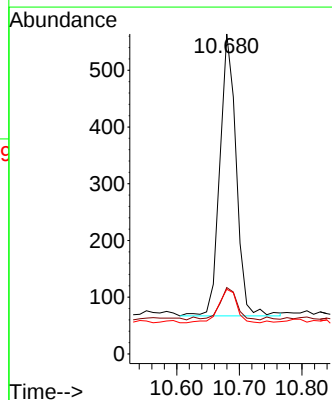
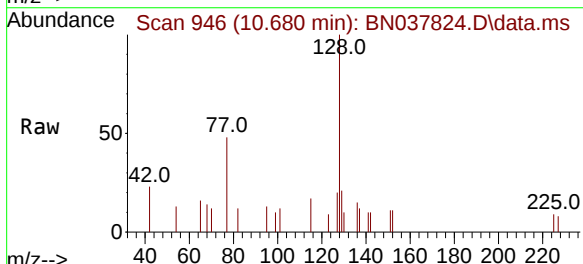
Instrument :
BNA_N
ClientSampleId :

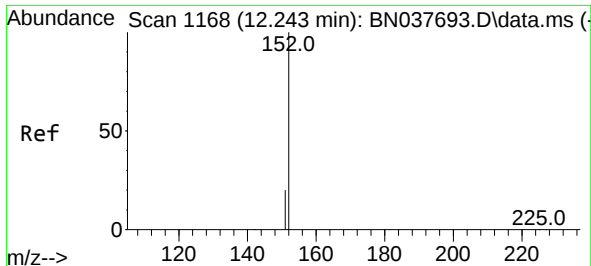
Tgt Ion: 82 Resp: 2876
Ion Ratio Lower Upper
82 100
128 49.0 38.3 57.5
54 50.0 41.4 62.2



#9
Naphthalene
Concen: 0.028 ng
RT: 10.680 min Scan# 946
Delta R.T. -0.011 min
Lab File: BN037824.D
Acq: 19 Sep 2025 21:00

Tgt Ion: 128 Resp: 905
Ion Ratio Lower Upper
128 100
129 20.7 9.1 13.7#
127 20.2 10.9 16.3#

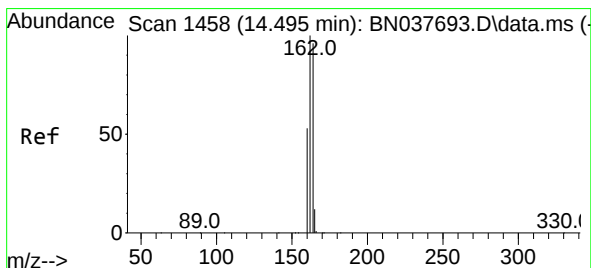
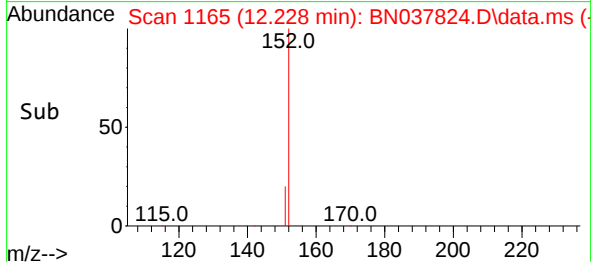
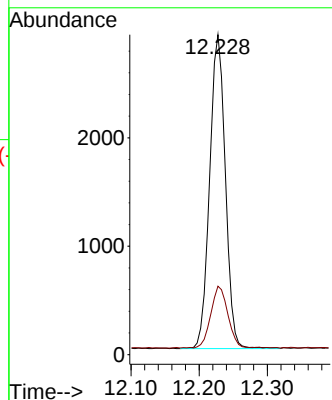
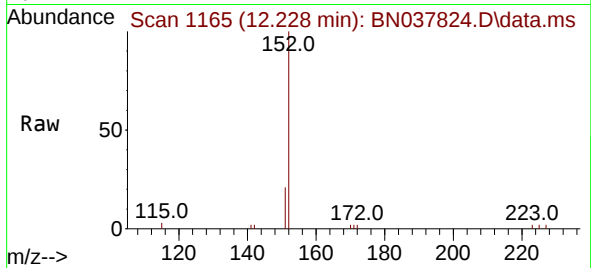




#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037824.D
Acq: 19 Sep 2025 21:00

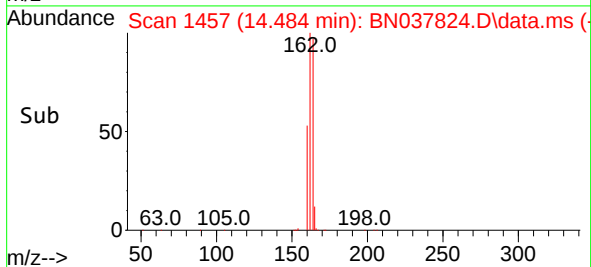
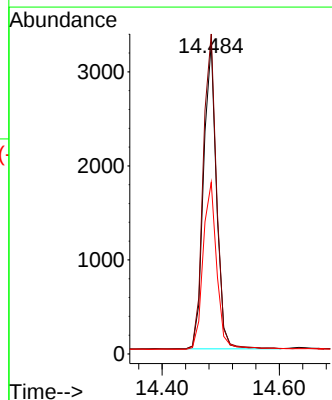
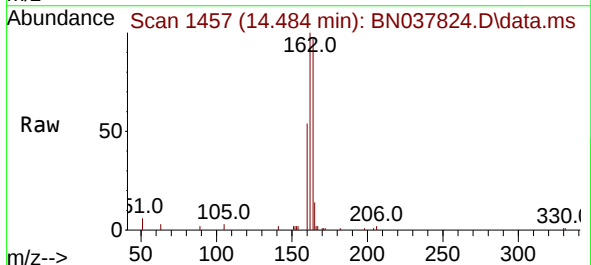
Instrument :
BNA_N
ClientSampleId :

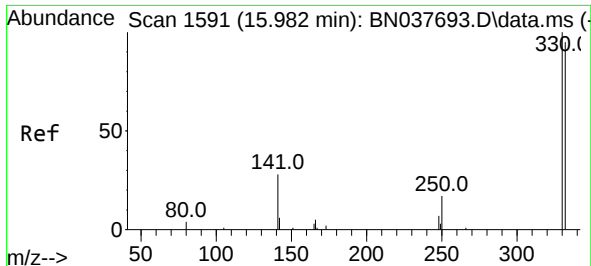
Tgt Ion:152 Resp: 4628
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037824.D
Acq: 19 Sep 2025 21:00

Tgt Ion:164 Resp: 5004
Ion Ratio Lower Upper
164 100
162 102.9 83.1 124.7
160 55.2 44.3 66.5

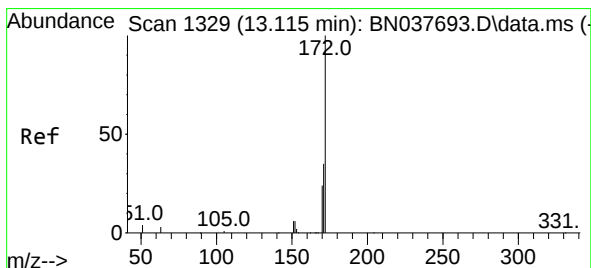
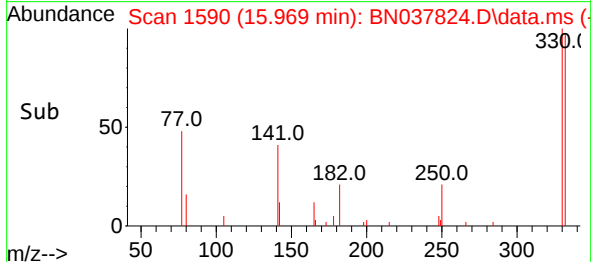
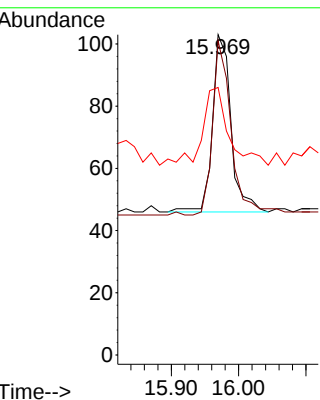
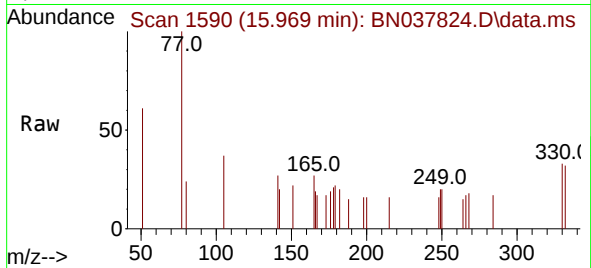




#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037824.D
Acq: 19 Sep 2025 21:00

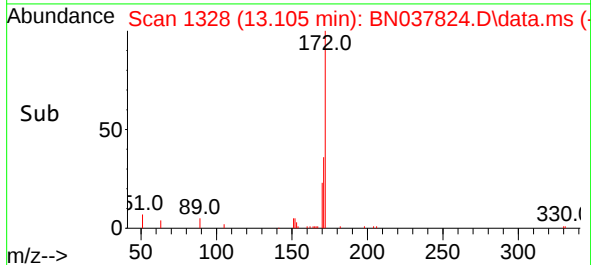
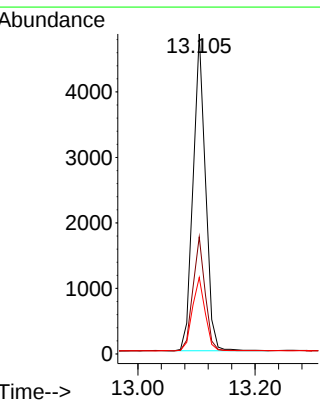
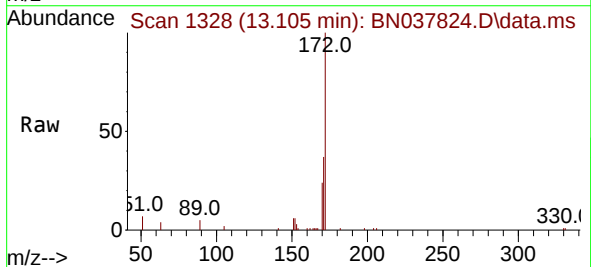
Instrument :
BNA_N
ClientSampleId :

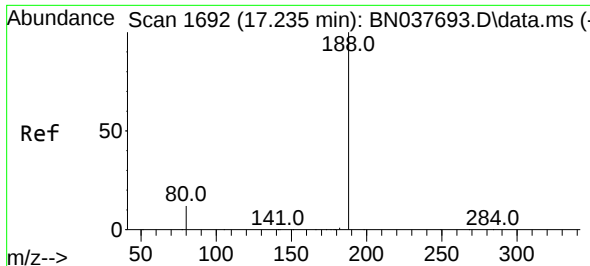
Tgt Ion:330 Resp: 109
Ion Ratio Lower Upper
330 100
332 102.8 75.3 112.9
141 60.6 35.0 52.4#



#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037824.D
Acq: 19 Sep 2025 21:00

Tgt Ion:172 Resp: 7099
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 23.9 19.8 29.8

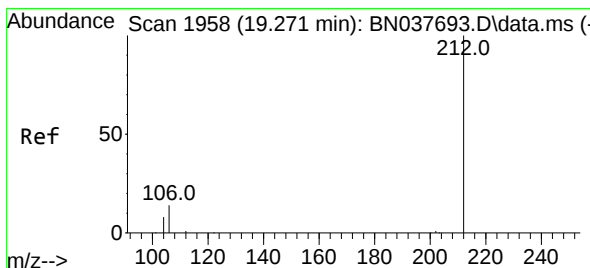
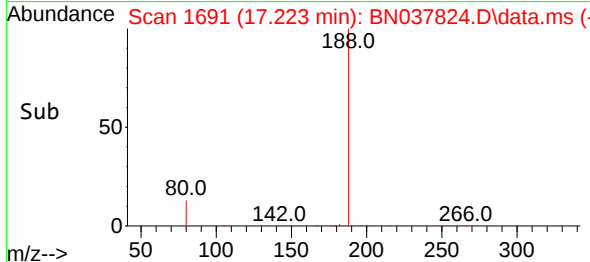
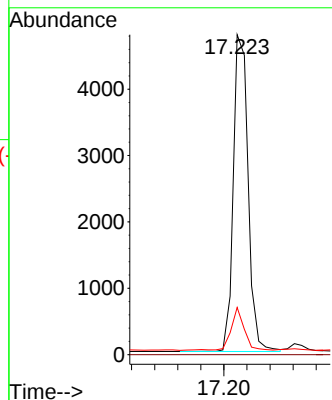
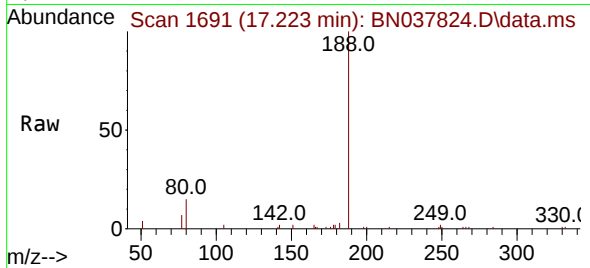




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037824.D
Acq: 19 Sep 2025 21:00

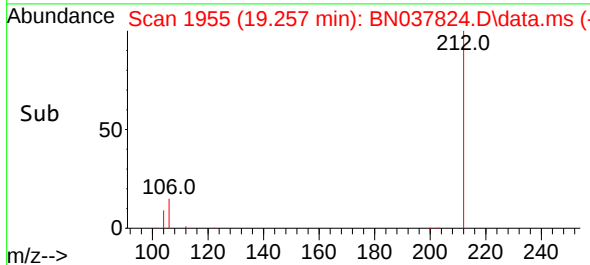
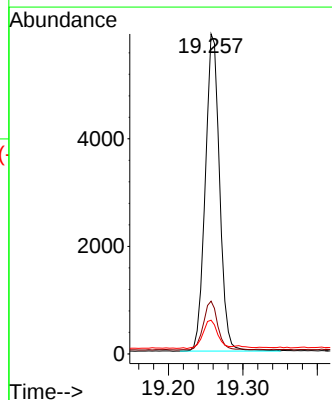
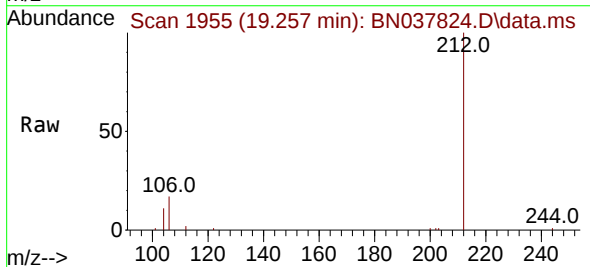
Instrument :
BNA_N
ClientSampleId :

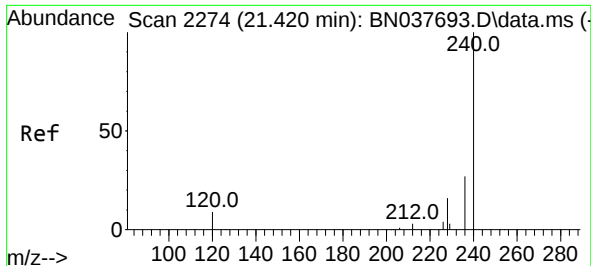
Tgt Ion:188 Resp: 8479
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037824.D
Acq: 19 Sep 2025 21:00

Tgt Ion:212 Resp: 7876
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.2
104 9.2 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. -0.018 min

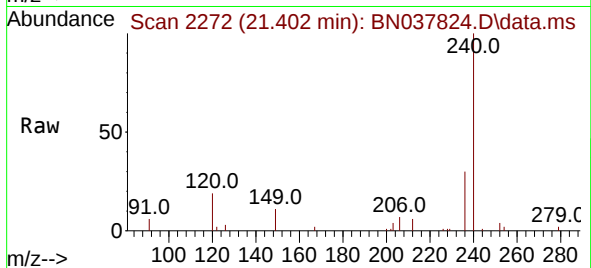
Lab File: BN037824.D

Acq: 19 Sep 2025 21:00

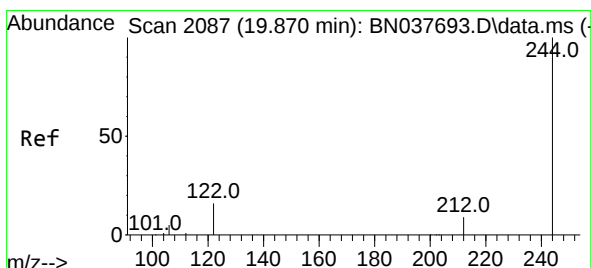
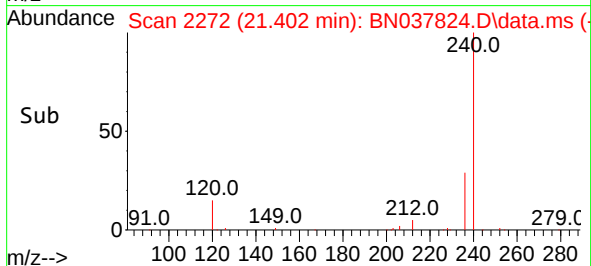
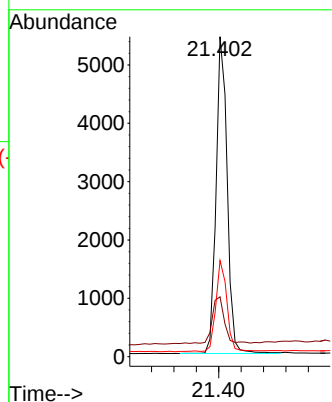
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	240	Resp:	7497
Ion Ratio	Lower	Upper	
240	100		
120	18.7	9.2	13.8#
236	30.0	22.6	33.8



#31

Terphenyl-d14

Concen: 0.393 ng

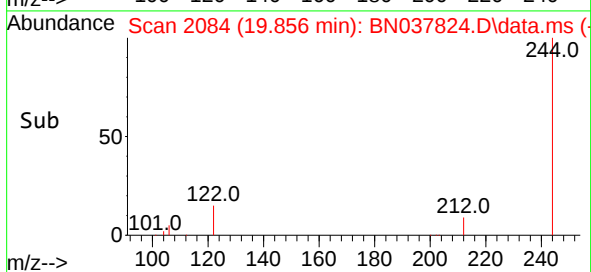
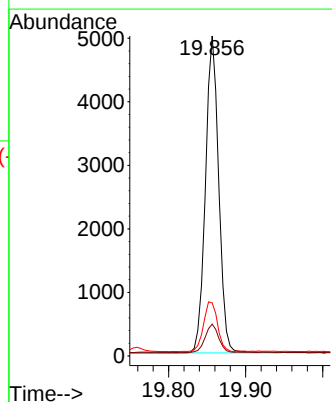
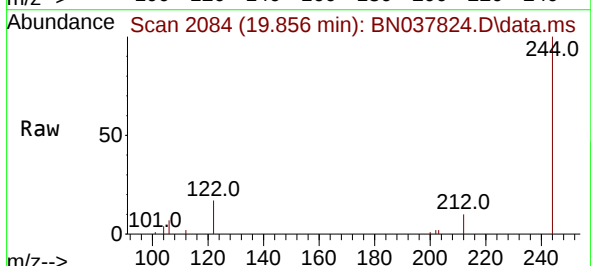
RT: 19.856 min Scan# 2084

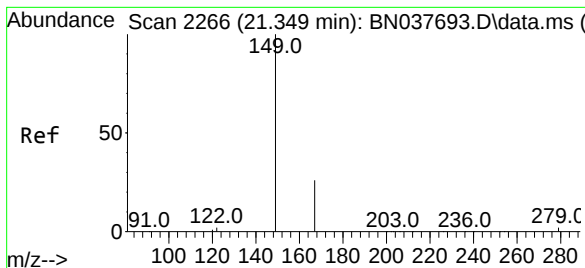
Delta R.T. -0.014 min

Lab File: BN037824.D

Acq: 19 Sep 2025 21:00

Tgt Ion:	244	Resp:	5974
Ion Ratio	Lower	Upper	
244	100		
212	9.9	7.5	11.3
122	16.6	13.2	19.8

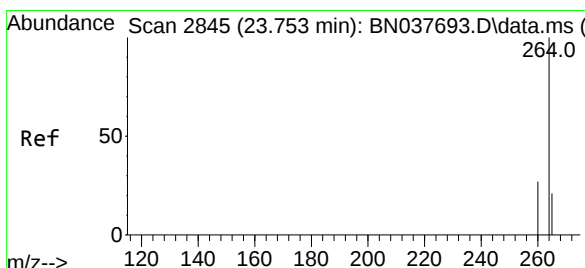
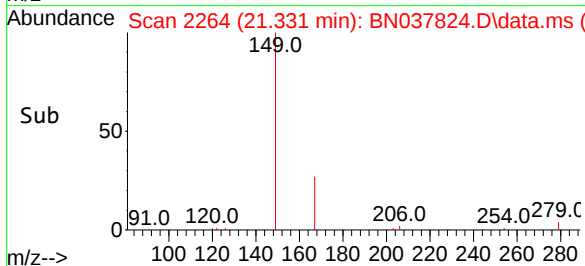
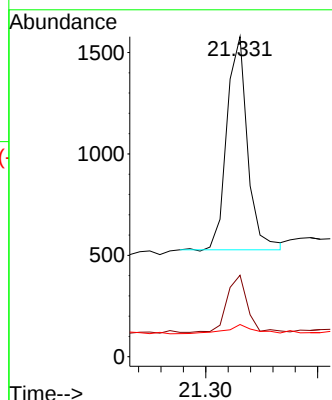
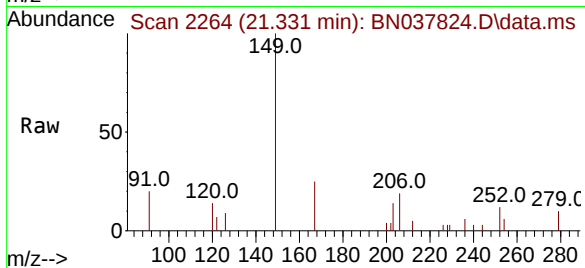




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.175 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037824.D
 Acq: 19 Sep 2025 21:00

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 1356
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.8 31.2
 279 5.5 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.736 min Scan# 2839
 Delta R.T. -0.018 min
 Lab File: BN037824.D
 Acq: 19 Sep 2025 21:00

Tgt Ion:264 Resp: 7192
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.8 32.8
 265 91.3 39.4 59.2#

