

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037836.D
 Acq On : 20 Sep 2025 05:01
 Operator : RC/JU
 Sample : Q3127-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 20 05:54:16 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)

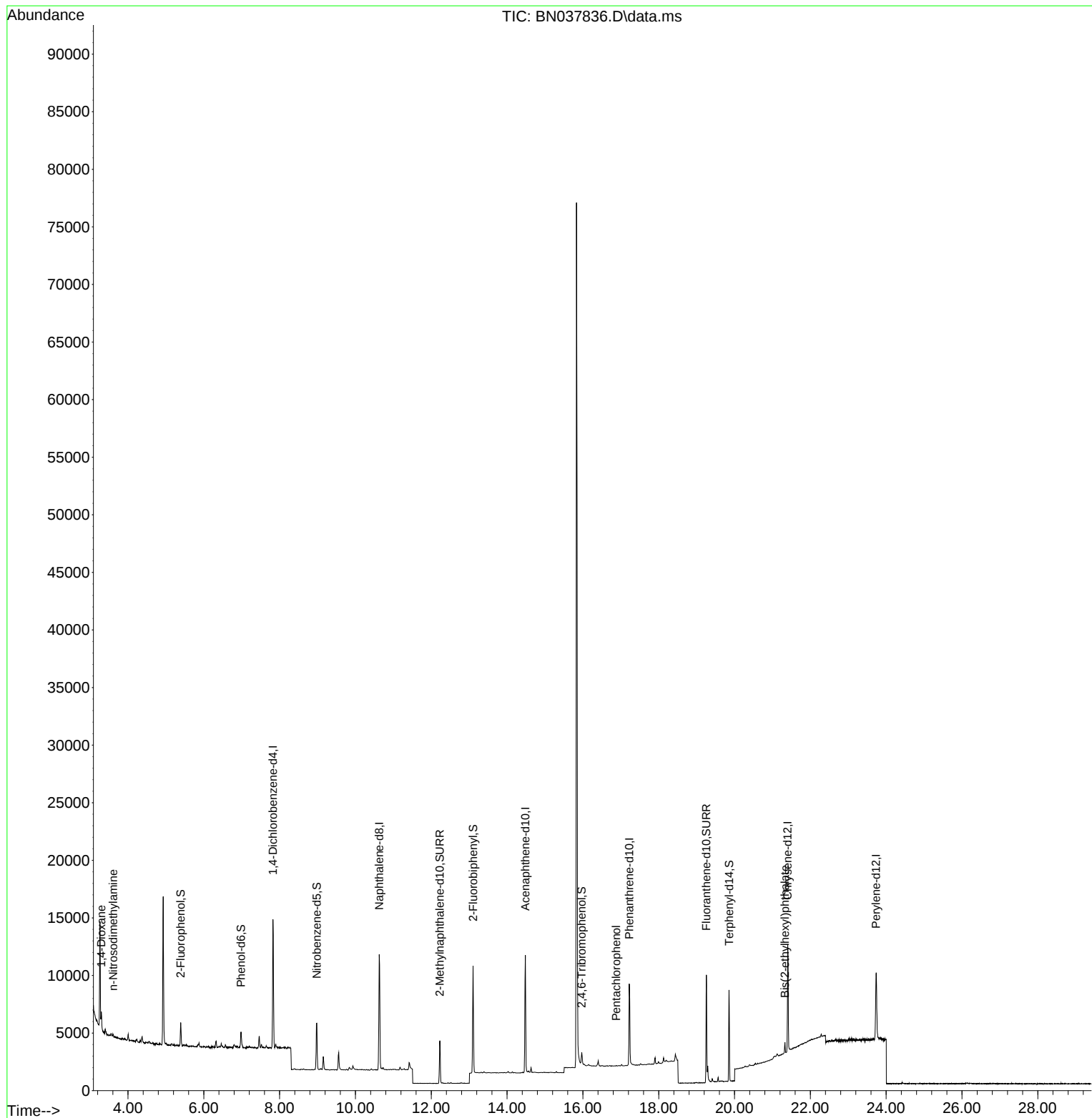
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	5391	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	14016	0.400	ng	#-0.02
13) Acenaphthene-d10	14.484	164	5793	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	10493	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	8896	0.400	ng	#-0.02
35) Perylene-d12	23.736	264	8424	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1591	0.129	ng	0.00
5) Phenol-d6	6.981	99	1140	0.071	ng	0.00
8) Nitrobenzene-d5	8.982	82	3414	0.333	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	5005	0.270	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	637	0.422	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	7634	0.315	ng	-0.01
27) Fluoranthene-d10	19.257	212	9853	0.374	ng	-0.01
31) Terphenyl-d14	19.857	244	7229	0.400	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	843	0.150	ng	# 81
3) n-Nitrosodimethylamine	3.608	42	149	0.020	ng	# 10
24) Pentachlorophenol	16.876	266	59	0.026	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.331	149	988	0.107	ng	# 99

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

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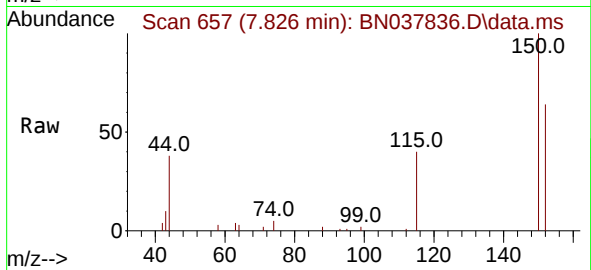
Quant Time: Sep 20 05:54:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



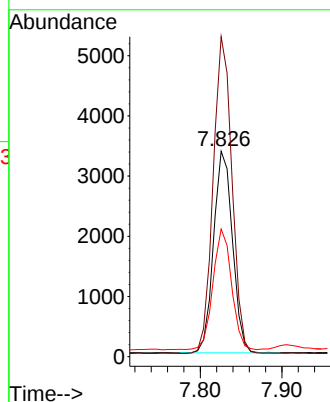
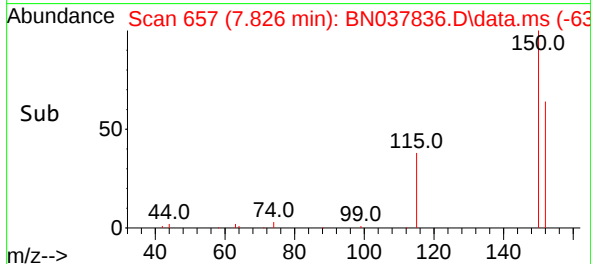


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037836.D
 Acq: 20 Sep 2025 05:01

Instrument :
 BNA_N
 ClientSampleId :

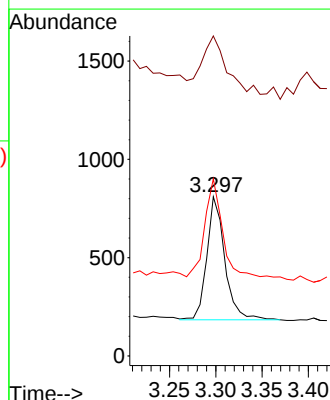
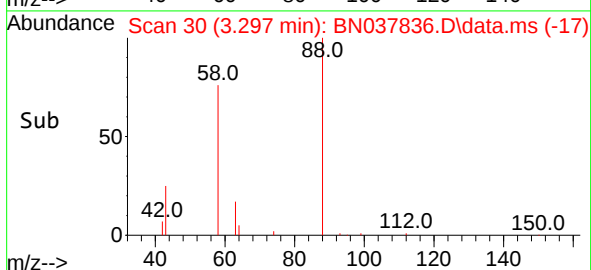
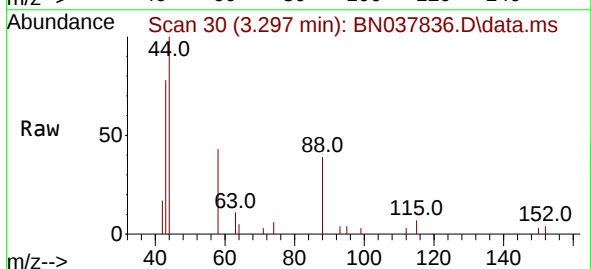


Tgt Ion:152 Resp: 5391
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.5 186.7
 115 62.1 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.150 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037836.D
 Acq: 20 Sep 2025 05:01

Tgt Ion: 88 Resp: 843
 Ion Ratio Lower Upper
 88 100
 43 69.5 26.8 40.2#
 58 77.1 61.9 92.9

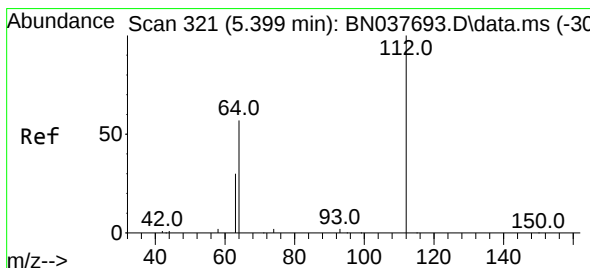
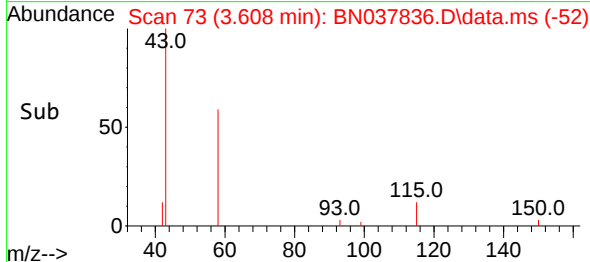
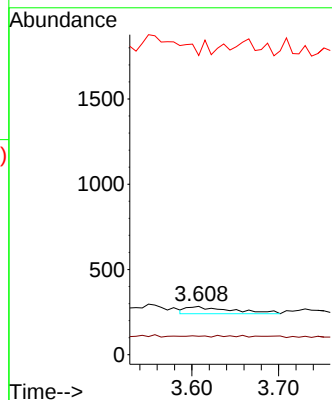
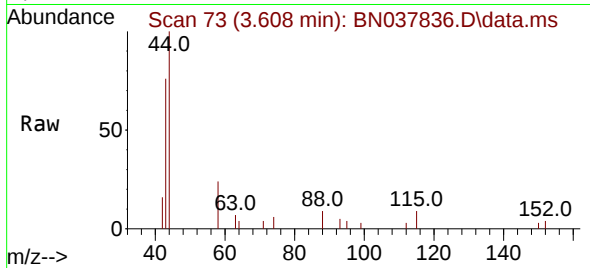




#3
 n-Nitrosodimethylamine
 Concen: 0.020 ng
 RT: 3.608 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN037836.D
 Acq: 20 Sep 2025 05:01

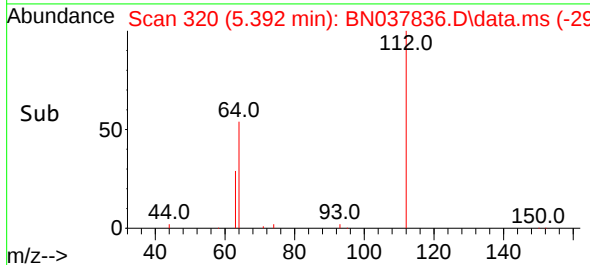
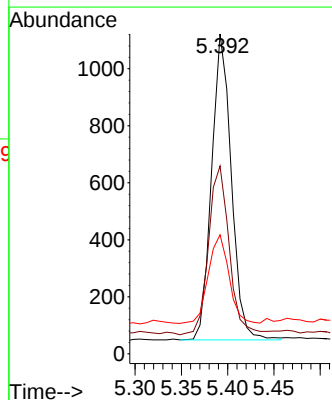
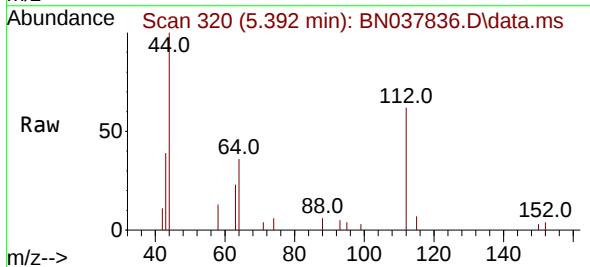
Instrument :
 BNA_N
 ClientSampleId :

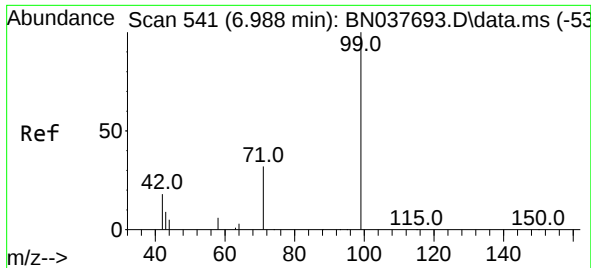
Tgt Ion: 42 Resp: 149
 Ion Ratio Lower Upper
 42 100
 74 8.7 86.0 129.0#
 44 27.5 8.4 12.6#



#4
 2-Fluorophenol
 Concen: 0.129 ng
 RT: 5.392 min Scan# 320
 Delta R.T. -0.007 min
 Lab File: BN037836.D
 Acq: 20 Sep 2025 05:01

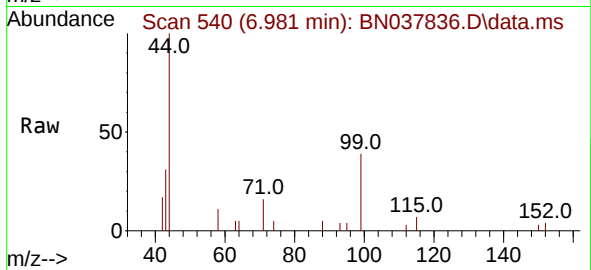
Tgt Ion: 112 Resp: 1591
 Ion Ratio Lower Upper
 112 100
 64 57.9 44.9 67.3
 63 30.9 24.7 37.1



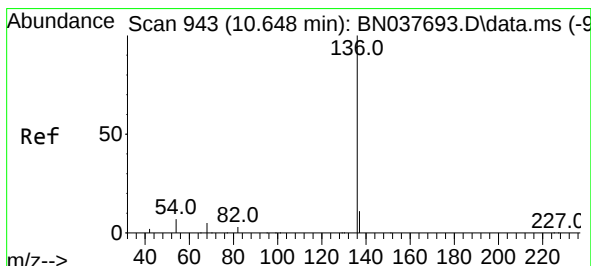
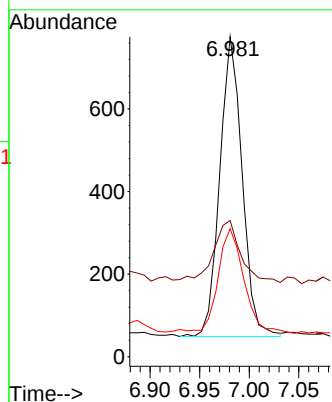
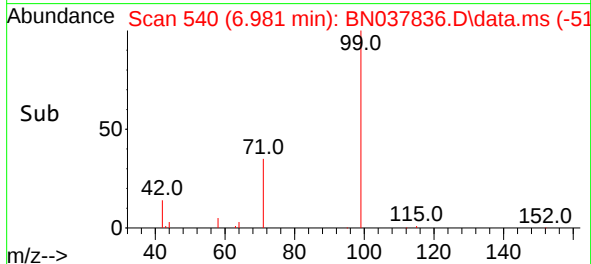


#5
Phenol-d6
Concen: 0.071 ng
RT: 6.981 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037836.D
Acq: 20 Sep 2025 05:01

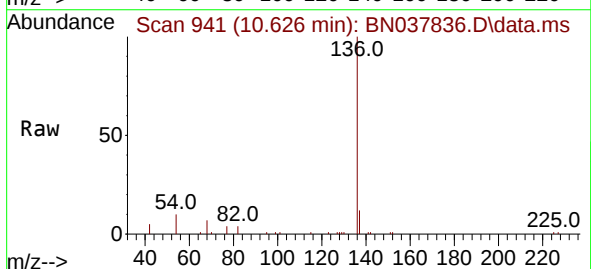
Instrument :
BNA_N
ClientSampleId :



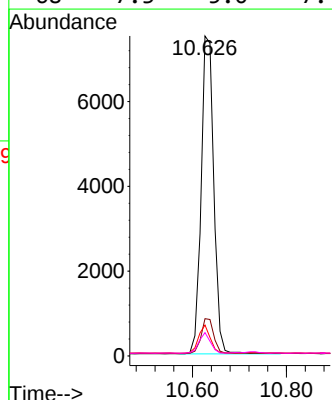
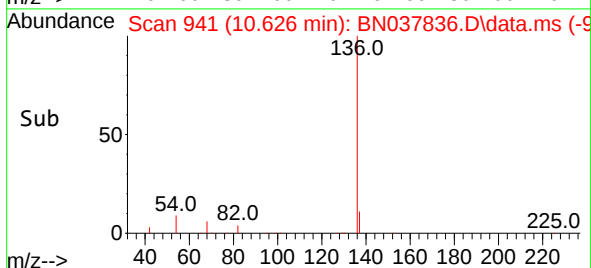
Tgt Ion: 99 Resp: 1140
Ion Ratio Lower Upper
99 100
42 25.0 16.6 24.8#
71 40.5 26.7 40.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN037836.D
Acq: 20 Sep 2025 05:01



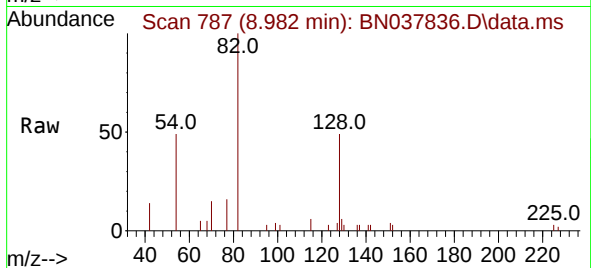
Tgt Ion: 136 Resp: 14016
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 9.7 6.3 9.5#
68 7.3 5.0 7.4



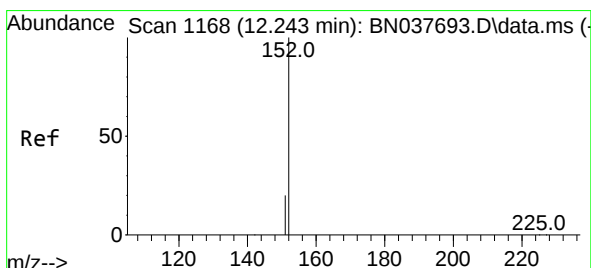
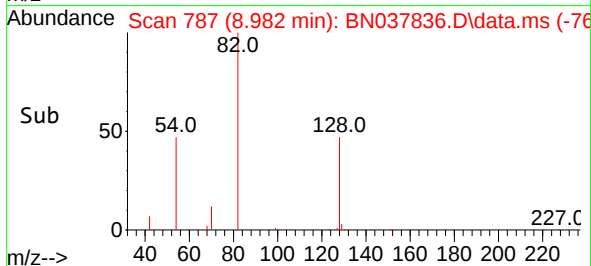
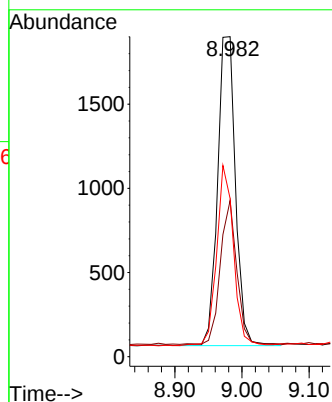


#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.982 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037836.D
Acq: 20 Sep 2025 05:01

Instrument :
BNA_N
ClientSampleId :

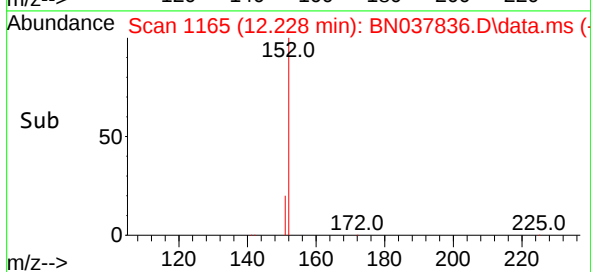
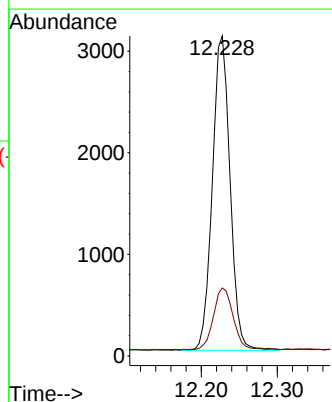
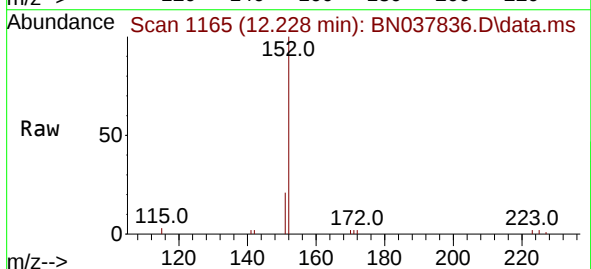


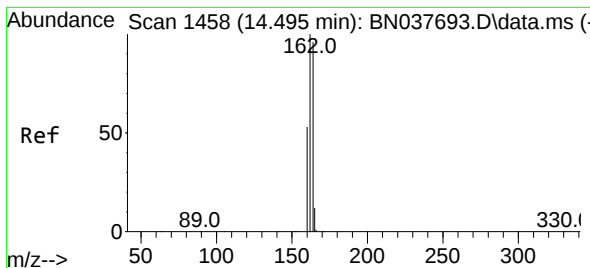
Tgt Ion: 82 Resp: 3414
Ion Ratio Lower Upper
82 100
128 48.8 38.3 57.5
54 49.4 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037836.D
Acq: 20 Sep 2025 05:01

Tgt Ion: 152 Resp: 5005
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.484 min Scan# 1457

Delta R.T. -0.011 min

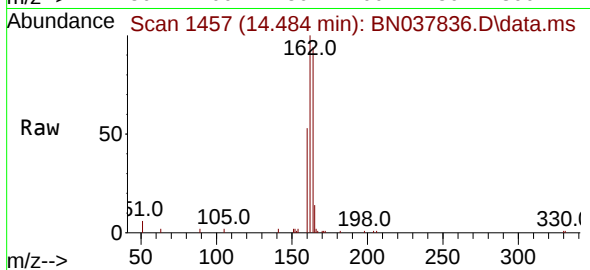
Lab File: BN037836.D

Acq: 20 Sep 2025 05:01

Instrument :

BNA_N

ClientSampleId :



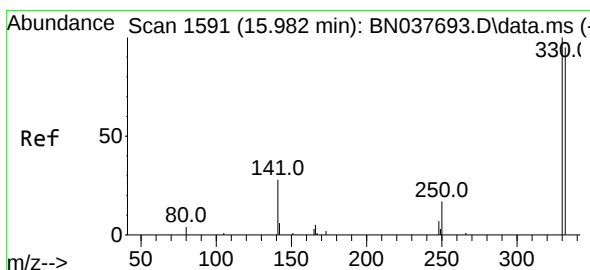
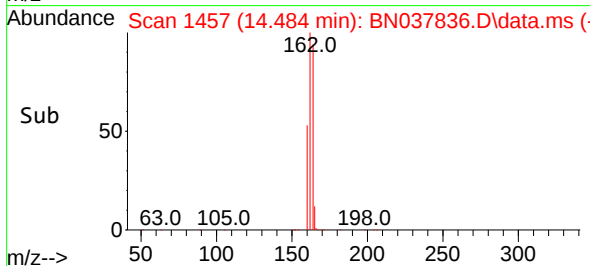
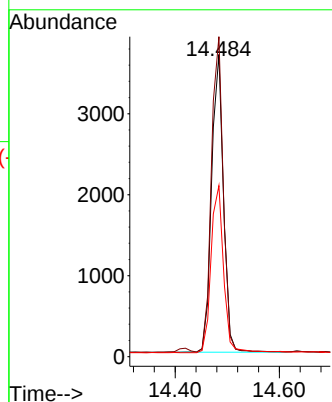
Tgt Ion:164 Resp: 5793

Ion Ratio Lower Upper

164 100

162 105.9 83.1 124.7

160 56.6 44.3 66.5



#14

2,4,6-Tribromophenol

Concen: 0.422 ng

RT: 15.969 min Scan# 1590

Delta R.T. -0.013 min

Lab File: BN037836.D

Acq: 20 Sep 2025 05:01

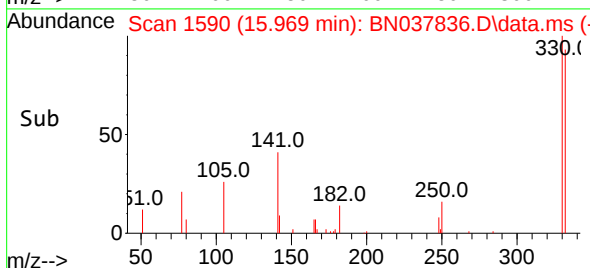
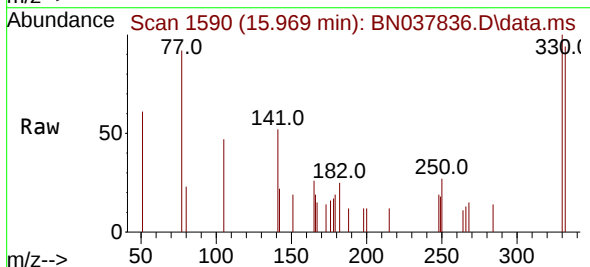
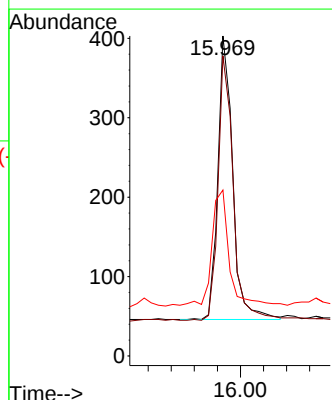
Tgt Ion:330 Resp: 637

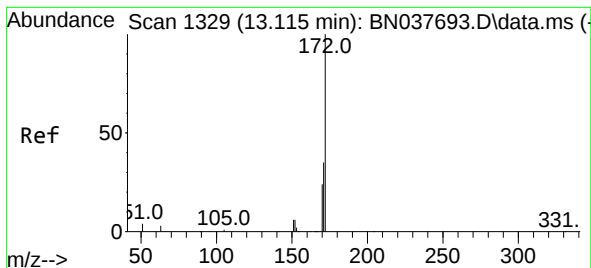
Ion Ratio Lower Upper

330 100

332 95.9 75.3 112.9

141 49.0 35.0 52.4

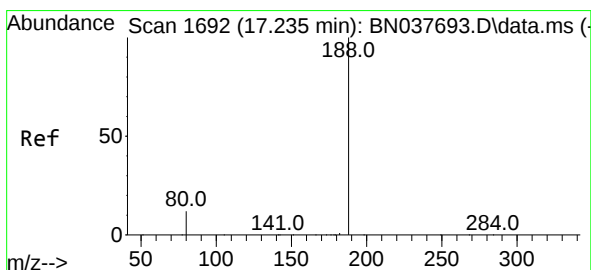
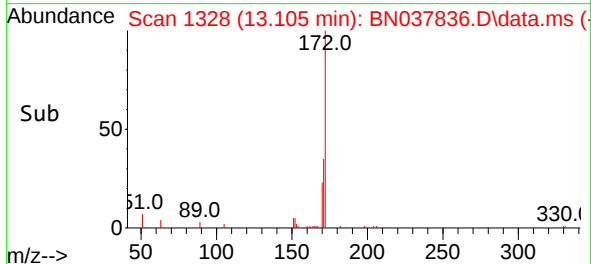
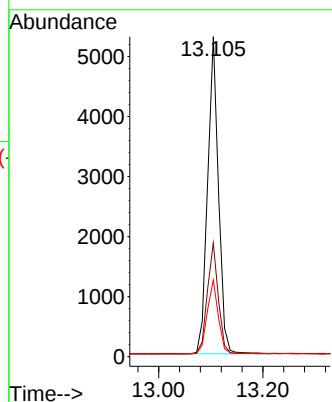
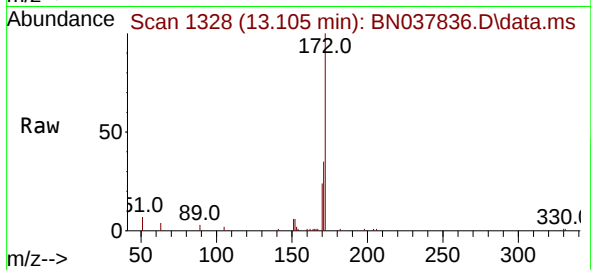




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN037836.D
Acq: 20 Sep 2025 05:01

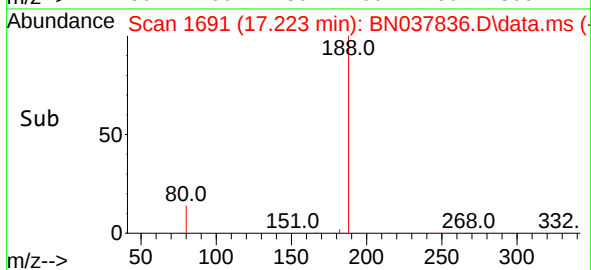
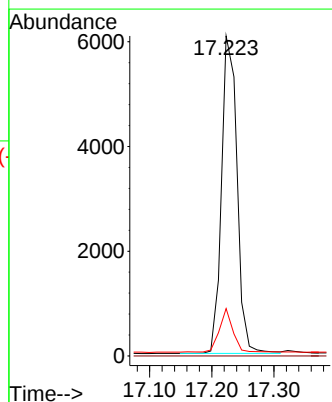
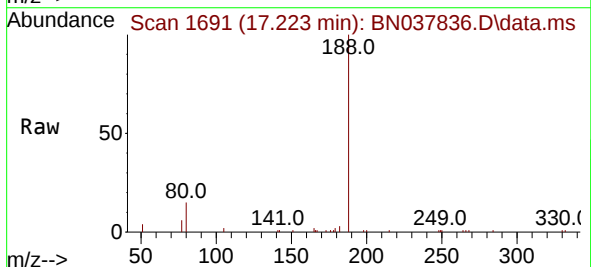
Instrument :
BNA_N
ClientSampleId :

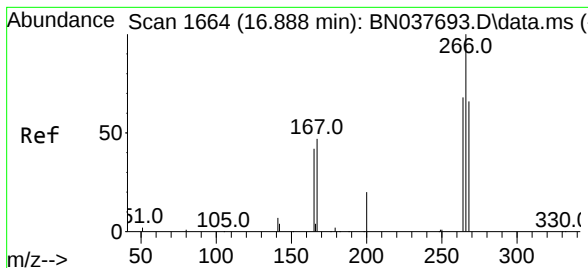
Tgt Ion:172 Resp: 7634
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.0 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037836.D
Acq: 20 Sep 2025 05:01

Tgt Ion:188 Resp: 10493
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 10.6 15.8





#24

Pentachlorophenol

Concen: 0.026 ng

RT: 16.876 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN037836.D

Acq: 20 Sep 2025 05:01

Instrument :

BNA_N

ClientSampleId :

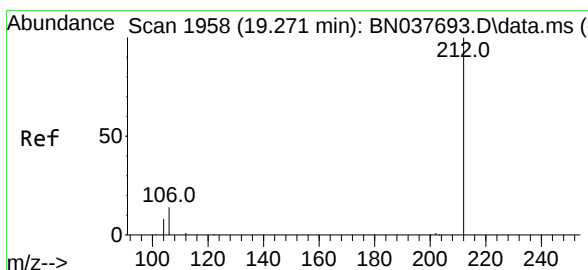
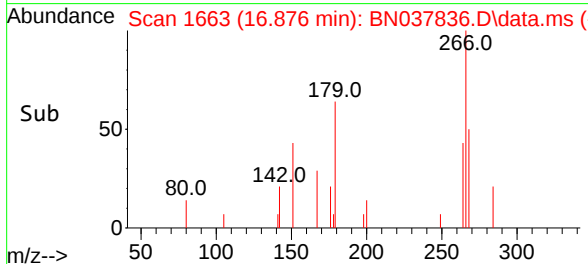
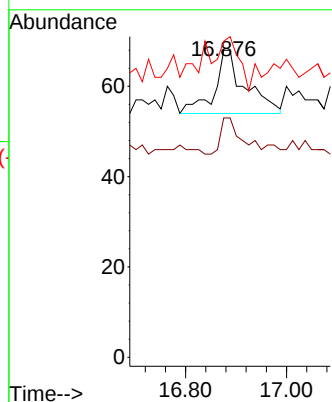
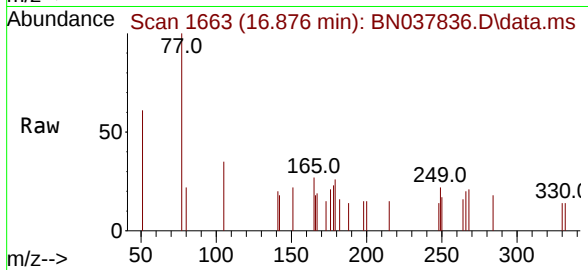
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

264 44.1 51.6 77.4#

268 55.9 53.2 79.8



#27

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.257 min Scan# 1955

Delta R.T. -0.014 min

Lab File: BN037836.D

Acq: 20 Sep 2025 05:01

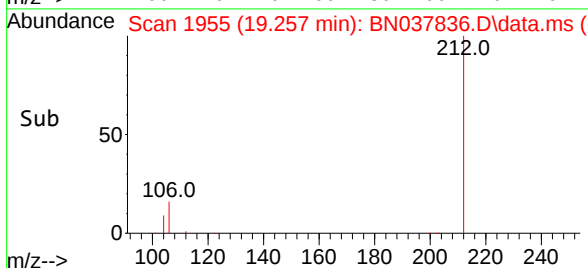
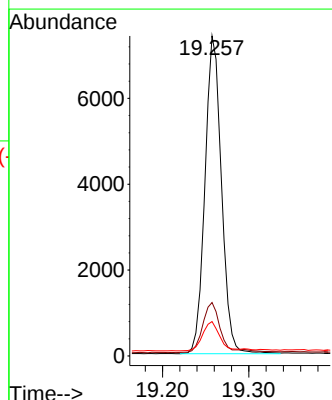
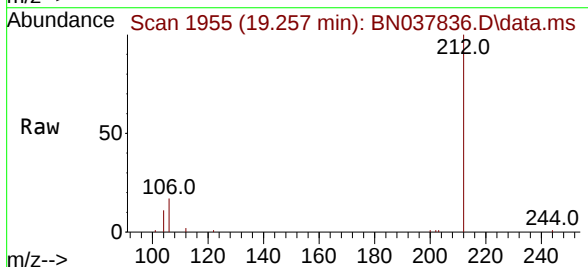
Tgt Ion:212 Resp: 9853

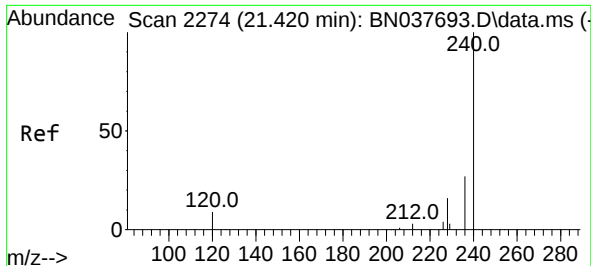
Ion Ratio Lower Upper

212 100

106 16.0 12.2 18.2

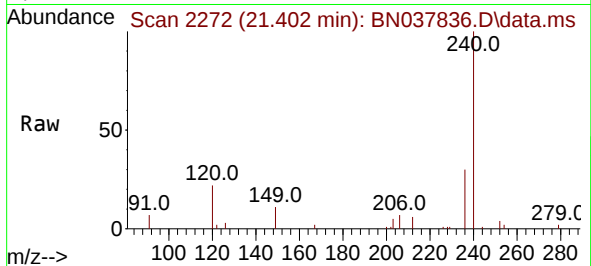
104 9.4 6.9 10.3



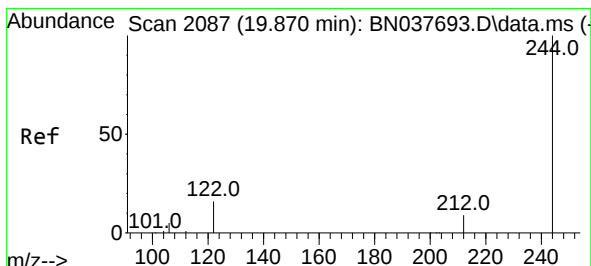
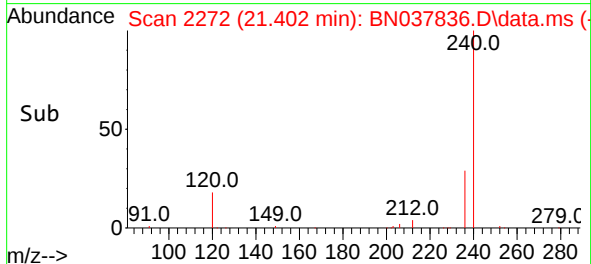
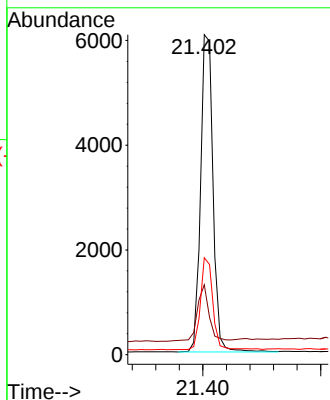


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037836.D
Acq: 20 Sep 2025 05:01

Instrument :
BNA_N
ClientSampleId :

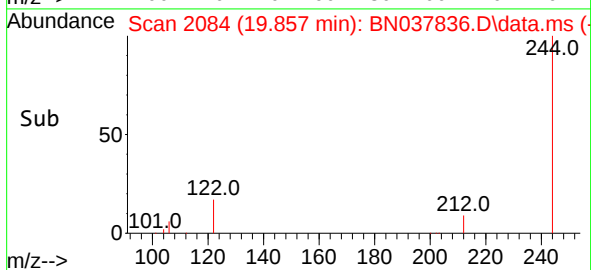
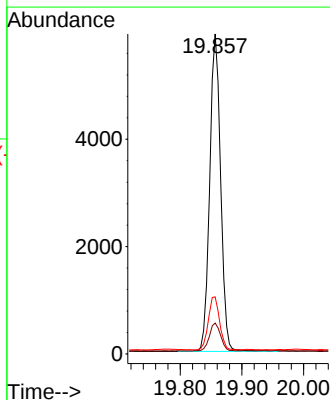
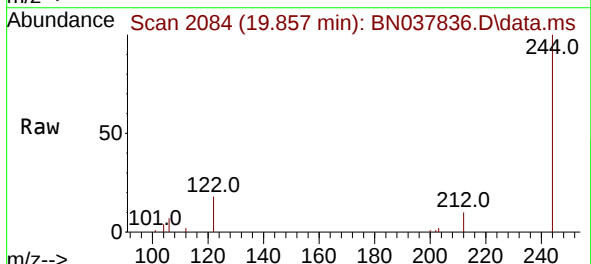


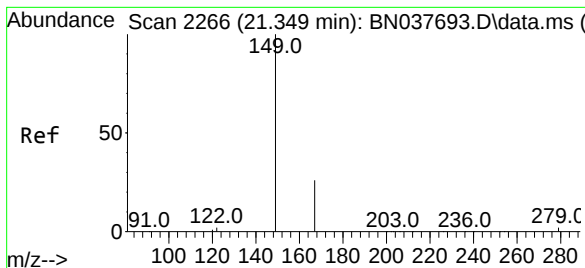
Tgt Ion:240 Resp: 8896
Ion Ratio Lower Upper
240 100
120 21.8 9.2 13.8#
236 30.3 22.6 33.8



#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.857 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN037836.D
Acq: 20 Sep 2025 05:01

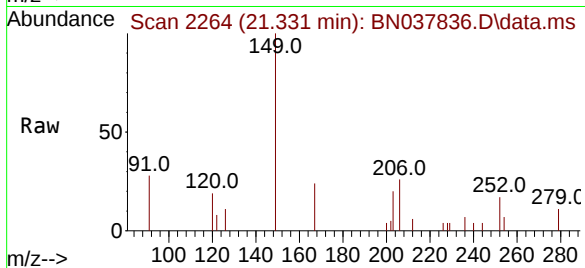
Tgt Ion:244 Resp: 7229
Ion Ratio Lower Upper
244 100
212 9.7 7.5 11.3
122 17.8 13.2 19.8



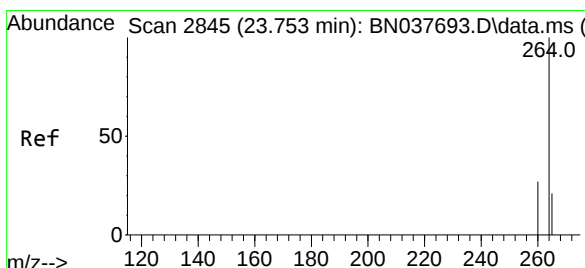
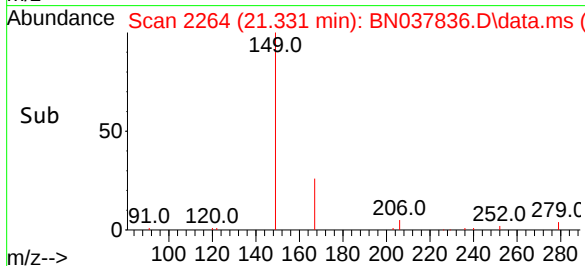
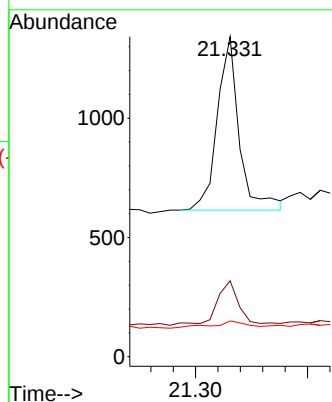


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.107 ng
 RT: 21.331 min Scan# 2133
 Delta R.T. -0.018 min
 Lab File: BN037836.D
 Acq: 20 Sep 2025 05:01

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:149 Resp: 988
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.8 31.2
 279 6.4 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.736 min Scan# 2839
 Delta R.T. -0.017 min
 Lab File: BN037836.D
 Acq: 20 Sep 2025 05:01

Tgt Ion:264 Resp: 8424
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.8 32.8
 265 93.7 39.4 59.2#

