

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037761.D
 Acq On : 18 Sep 2025 03:58
 Operator : RC/JU
 Sample : Q3095-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 05:28:59 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)

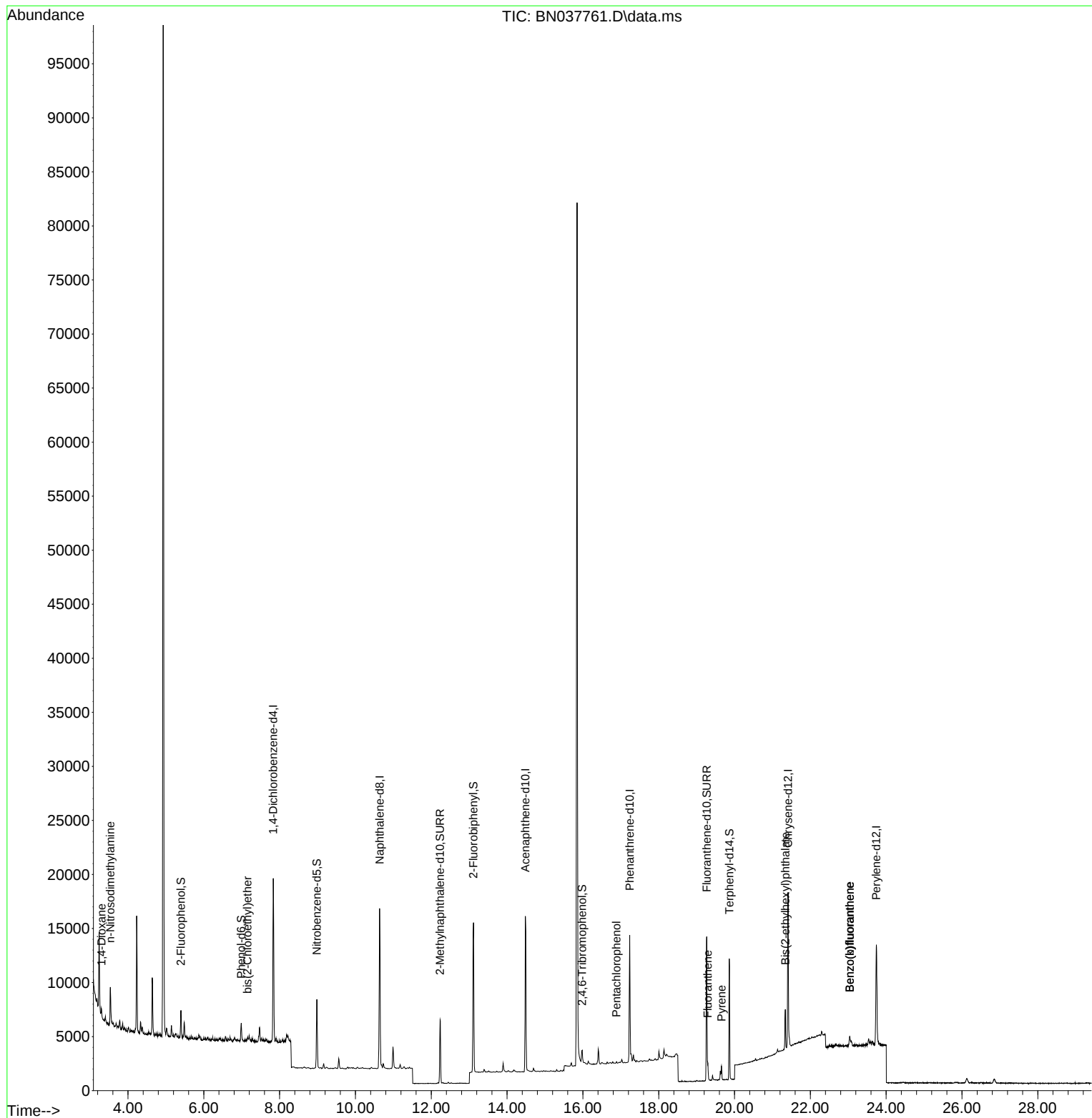
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7232	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	19420	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8613	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	15444	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	12865	0.400	ng	0.00
35) Perylene-d12	23.741	264	13080	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2030	0.122	ng	0.00
5) Phenol-d6	6.988	99	1452	0.067	ng	0.00
8) Nitrobenzene-d5	8.982	82	4795	0.338	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	7932	0.308	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	820	0.365	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	12551	0.348	ng	0.00
27) Fluoranthene-d10	19.266	212	14609	0.377	ng	0.00
31) Terphenyl-d14	19.861	244	10464	0.401	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.304	88	413	0.055	ng	# 82
3) n-Nitrosodimethylamine	3.535	42	892	0.091	ng	# 1
6) bis(2-Chloroethyl)ether	7.154	93	664	0.035	ng	# 29
24) Pentachlorophenol	16.888	266	127	0.038	ng	# 83
28) Fluoranthene	19.294	202	1128	0.021	ng	# 81
30) Pyrene	19.657	202	1175	0.023	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.339	149	3713	0.279	ng	99
37) Benzo(b)fluoranthene	23.037	252	1285	0.025	ng	# 9
38) Benzo(k)fluoranthene	23.037	252	1285	0.024	ng	# 9

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037761.D
Acq On : 18 Sep 2025 03:58
Operator : RC/JU
Sample : Q3095-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

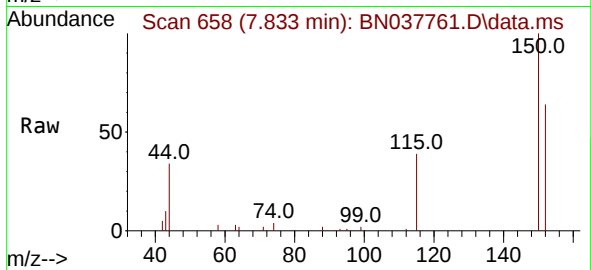
Quant Time: Sep 18 05:28:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



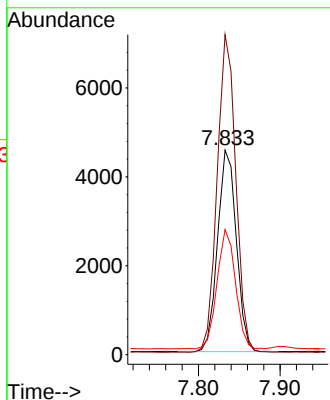
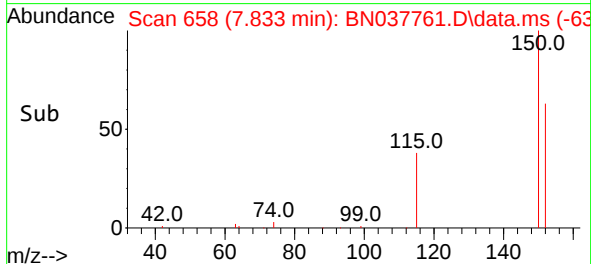


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037761.D
 Acq: 18 Sep 2025 03:58

Instrument :
 BNA_N
 ClientSampleId :

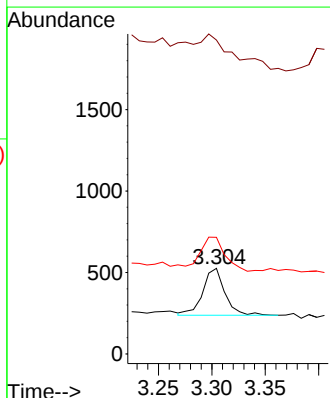
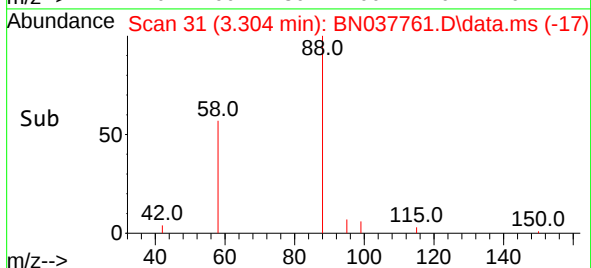
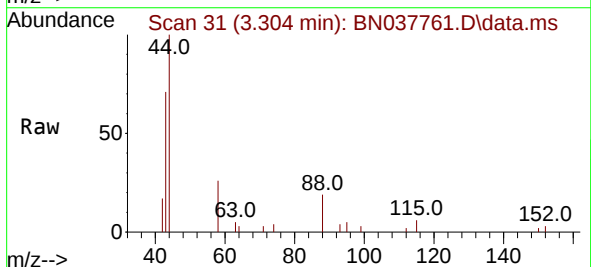


Tgt Ion:152 Resp: 7232
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.5 186.7
 115 61.2 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.055 ng
 RT: 3.304 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037761.D
 Acq: 18 Sep 2025 03:58

Tgt Ion: 88 Resp: 413
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.8 40.2#
 58 77.0 61.9 92.9

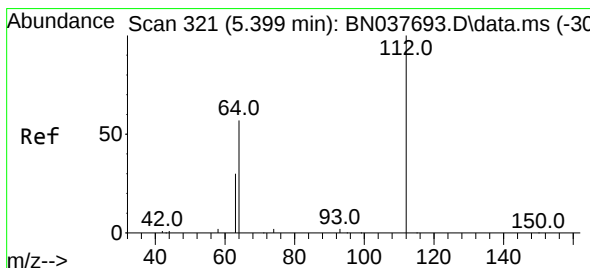
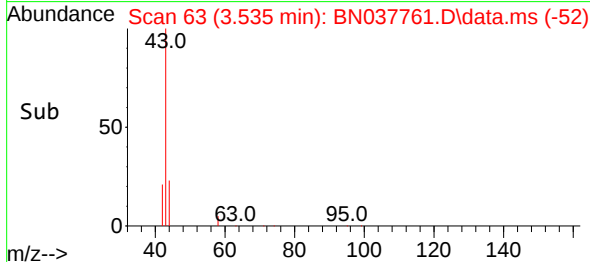
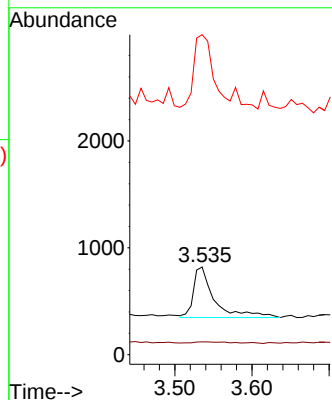
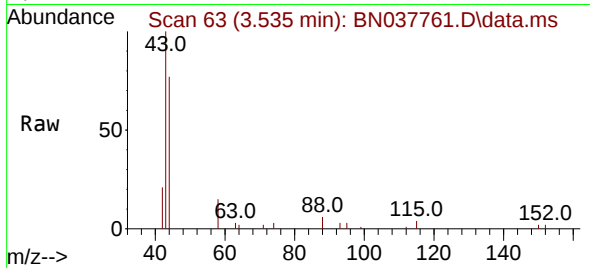




#3
n-Nitrosodimethylamine
Concen: 0.091 ng
RT: 3.535 min Scan# 61
Delta R.T. -0.072 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

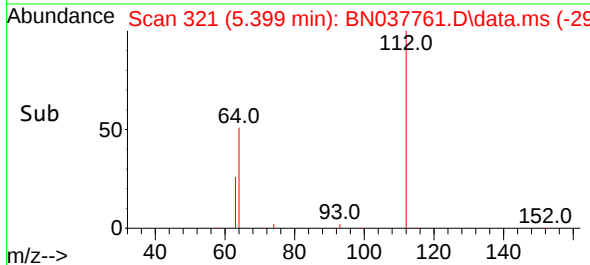
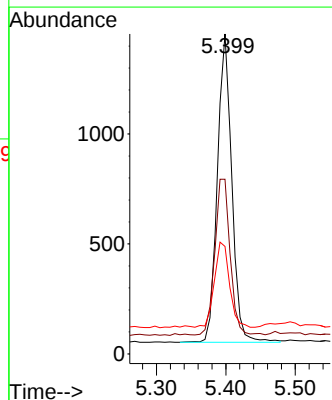
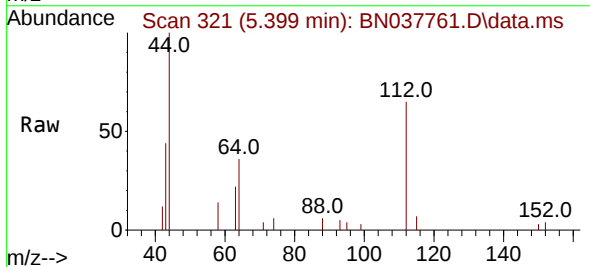
Instrument :
BNA_N
ClientSampleId :

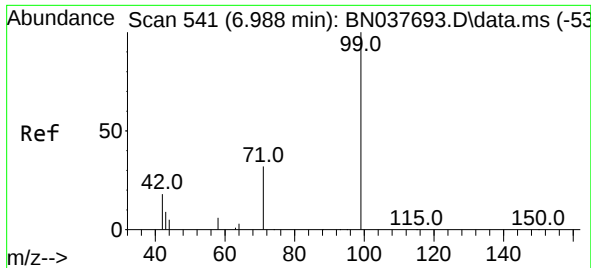
Tgt Ion: 42 Resp: 892
Ion Ratio Lower Upper
42 100
74 3.0 86.0 129.0#
44 130.3 8.4 12.6#



#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

Tgt Ion: 112 Resp: 2030
Ion Ratio Lower Upper
112 100
64 53.7 44.9 67.3
63 28.7 24.7 37.1

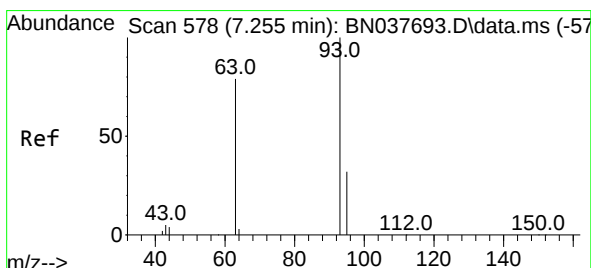
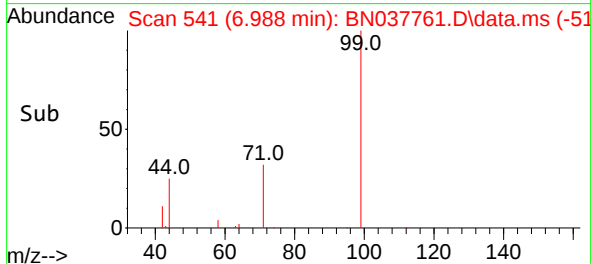
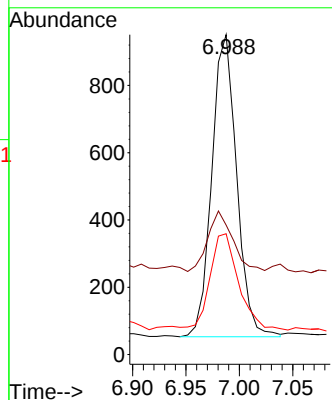
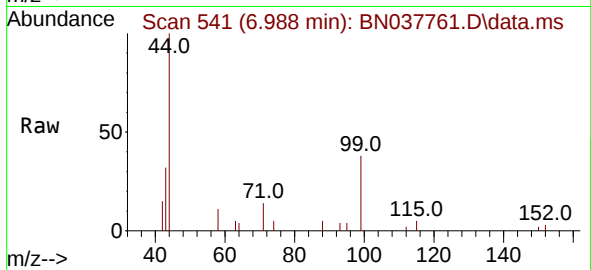




#5
Phenol-d6
Concen: 0.067 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

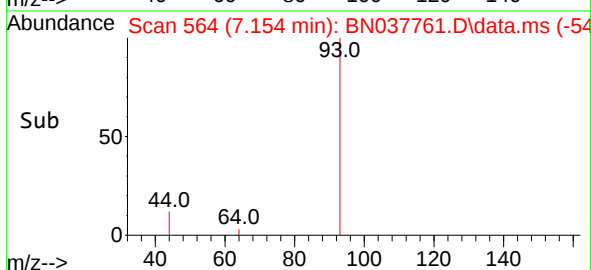
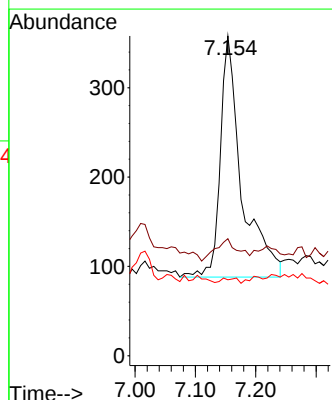
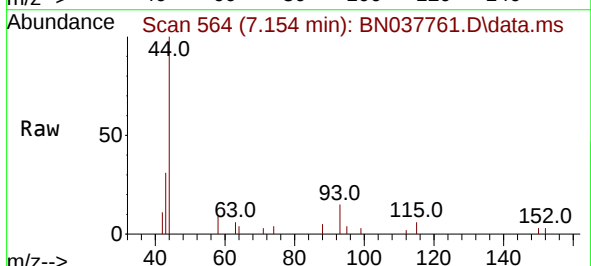
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1452
Ion Ratio Lower Upper
99 100
42 19.9 16.6 24.8
71 38.4 26.7 40.1



#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.154 min Scan# 564
Delta R.T. -0.101 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

Tgt Ion: 93 Resp: 664
Ion Ratio Lower Upper
93 100
63 9.5 60.6 90.8#
95 1.5 26.0 39.0#

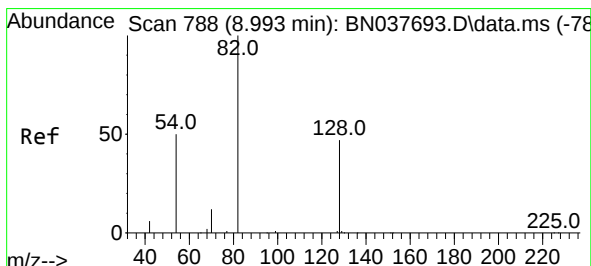
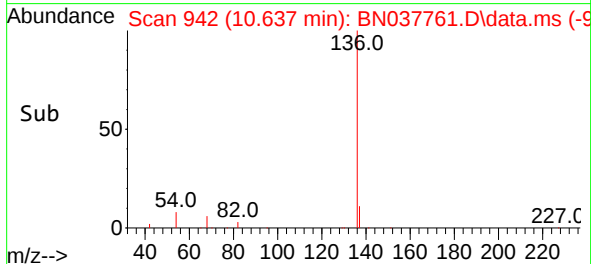
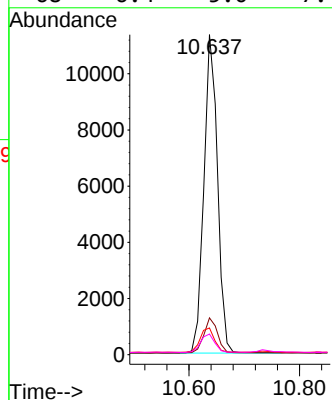
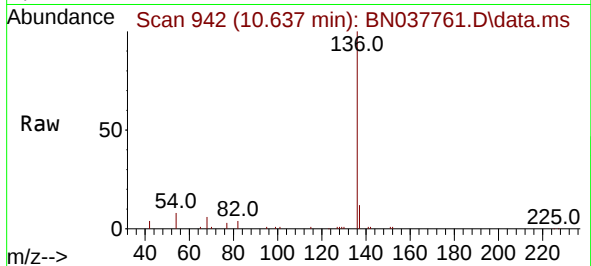




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

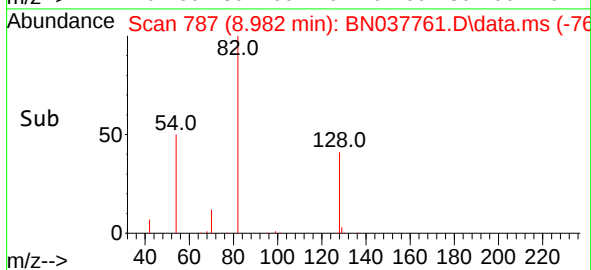
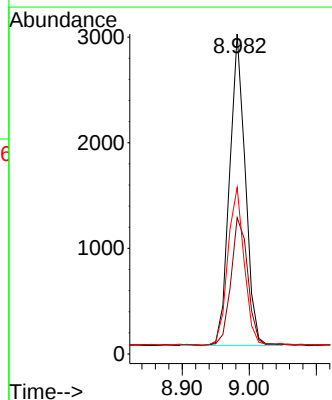
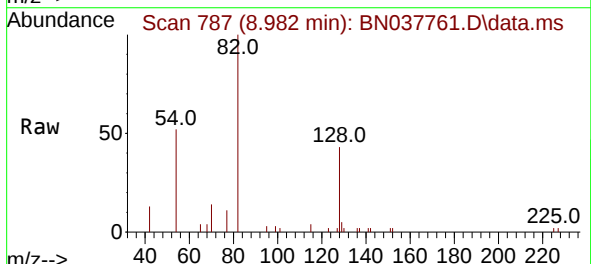
Instrument :
BNA_N
ClientSampleId :

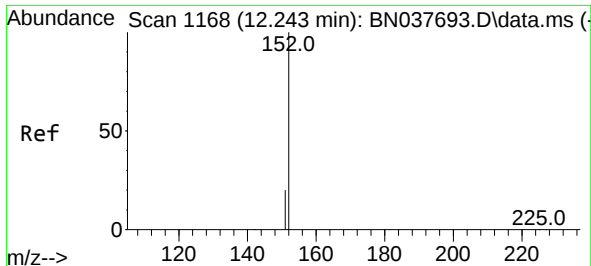
Tgt Ion:136	Resp:	19420
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	8.4	6.3 9.5
68	6.4	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

Tgt Ion: 82	Resp:	4795
Ion Ratio	Lower	Upper
82	100	
128	42.6	38.3 57.5
54	52.0	41.4 62.2

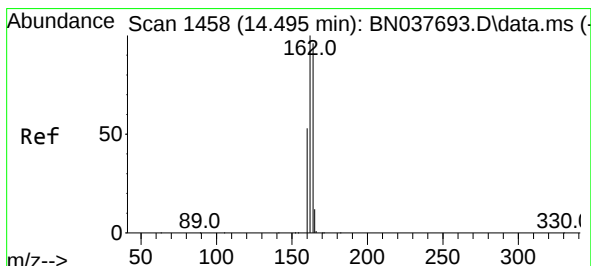
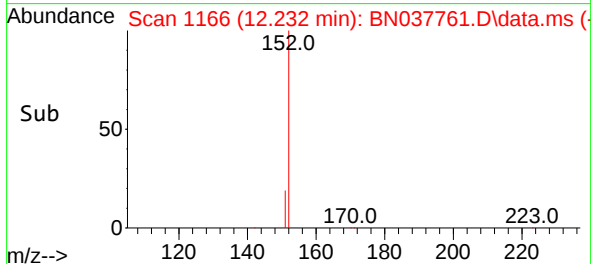
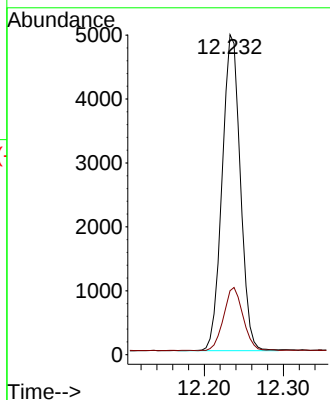
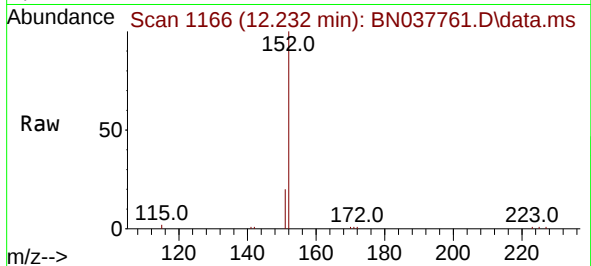




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

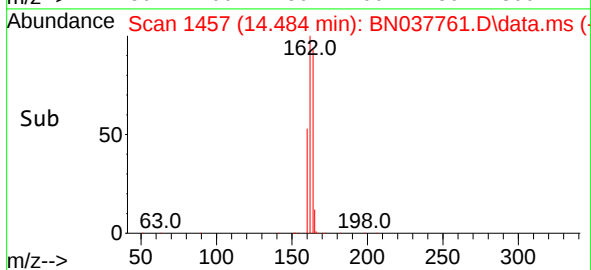
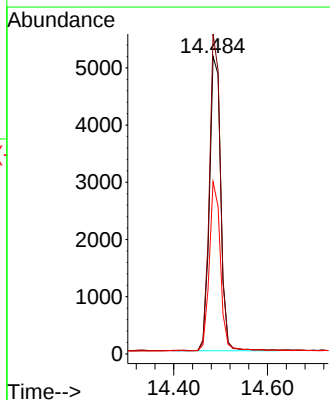
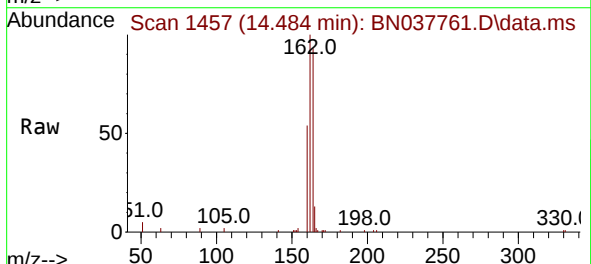
Instrument :
BNA_N
ClientSampleId :

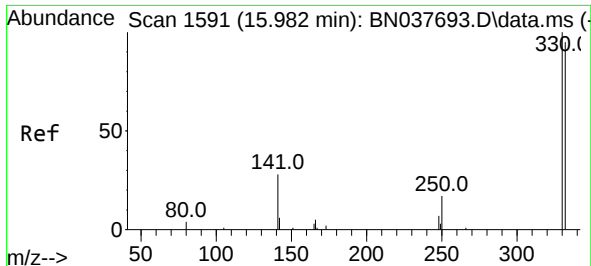
Tgt Ion:152 Resp: 7932
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

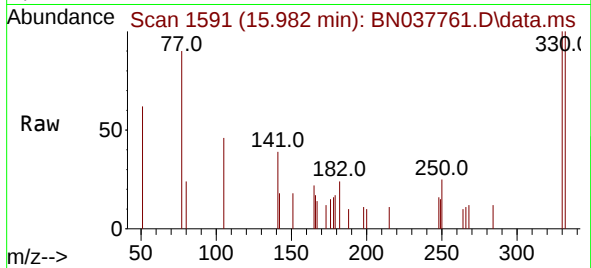
Tgt Ion:164 Resp: 8613
Ion Ratio Lower Upper
164 100
162 107.6 83.1 124.7
160 57.9 44.3 66.5



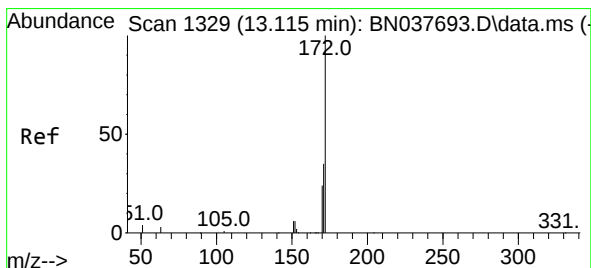
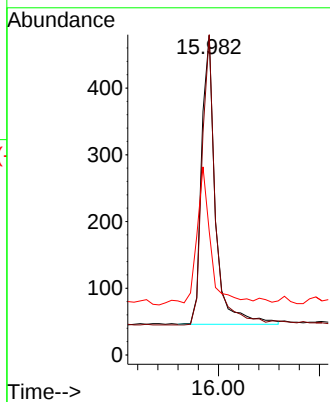
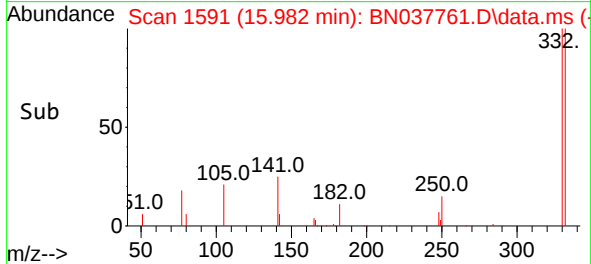


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

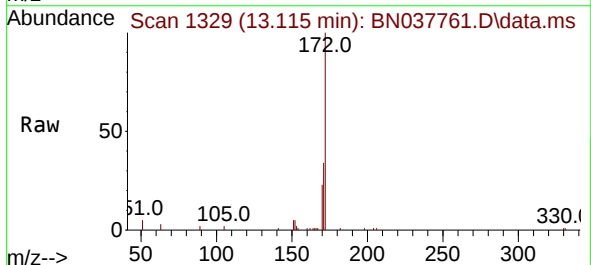
Instrument :
BNA_N
ClientSampleId :



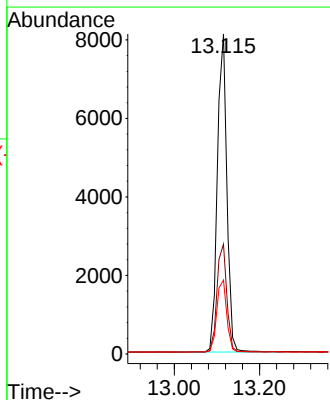
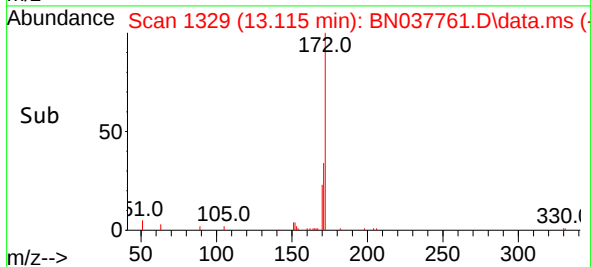
Tgt Ion:330 Resp: 820
Ion Ratio Lower Upper
330 100
332 97.0 75.3 112.9
141 49.9 35.0 52.4

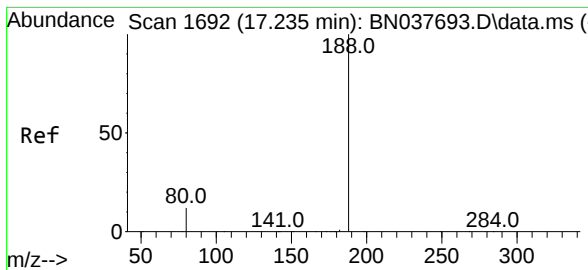


#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58



Tgt Ion:172 Resp: 12551
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 23.1 19.8 29.8

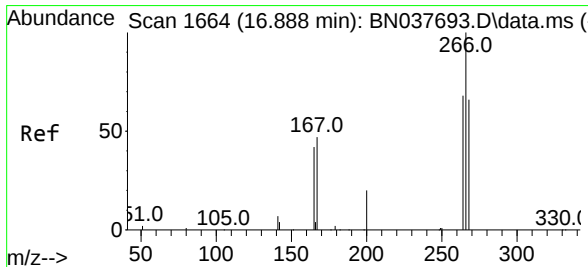
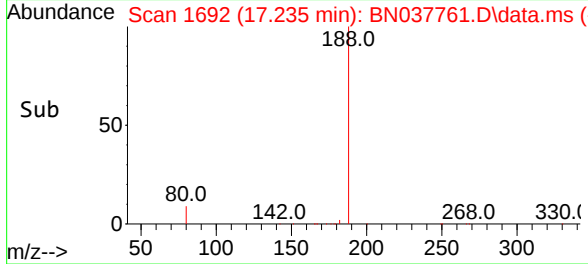
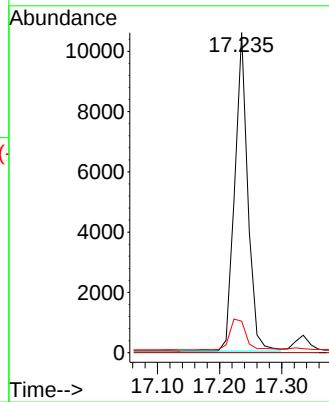
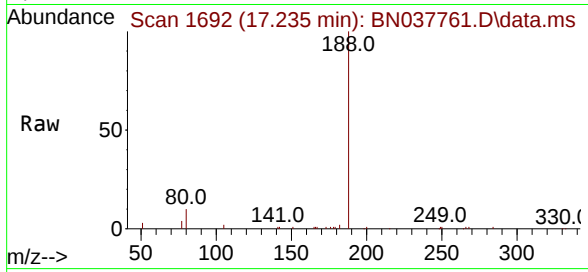




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

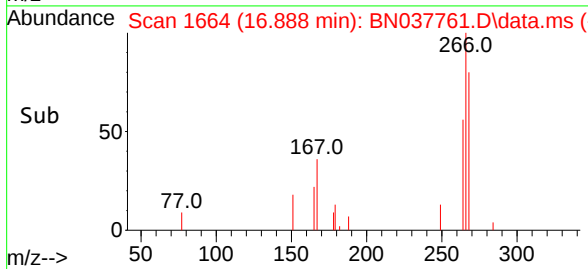
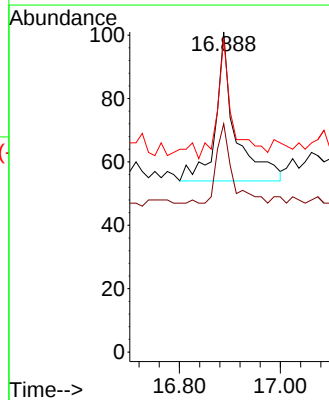
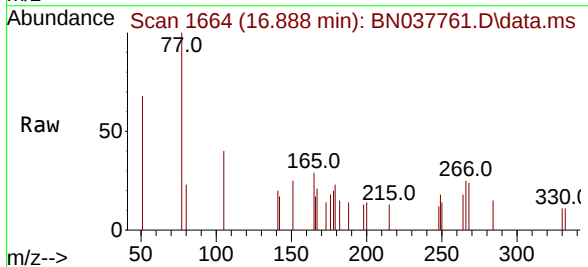
Instrument :
BNA_N
ClientSampleId :

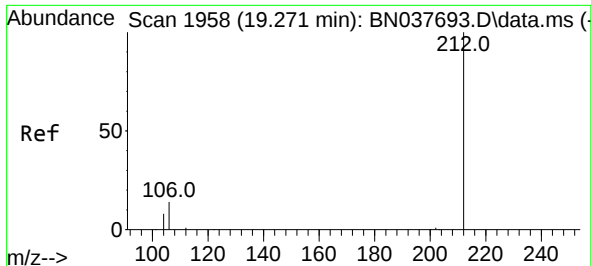
Tgt Ion:188 Resp: 15444
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 10.6 15.8#



#24
Pentachlorophenol
Concen: 0.038 ng
RT: 16.888 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

Tgt Ion:266 Resp: 127
Ion Ratio Lower Upper
266 100
264 44.1 51.6 77.4#
268 60.6 53.2 79.8

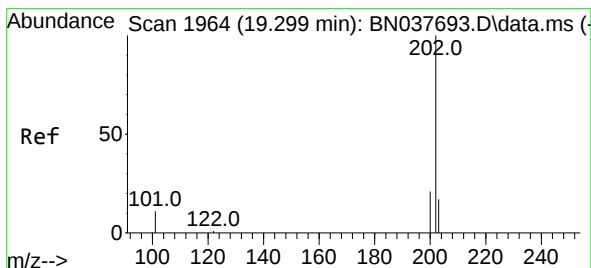
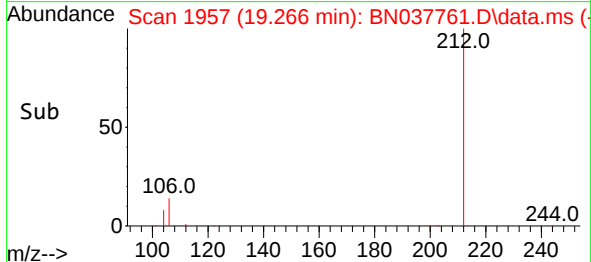
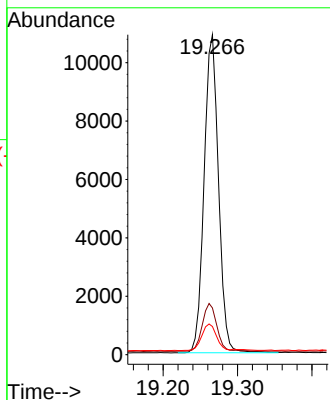
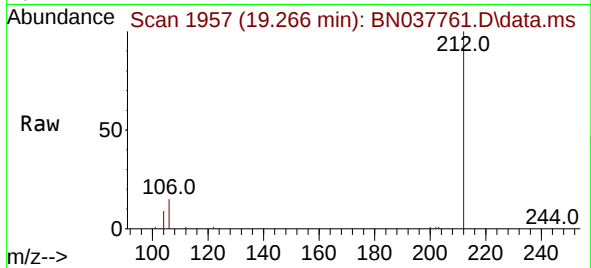




#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.266 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

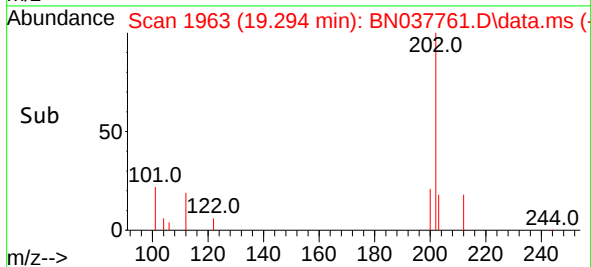
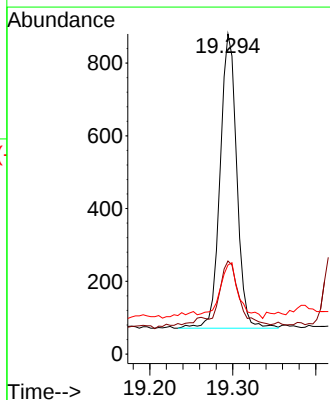
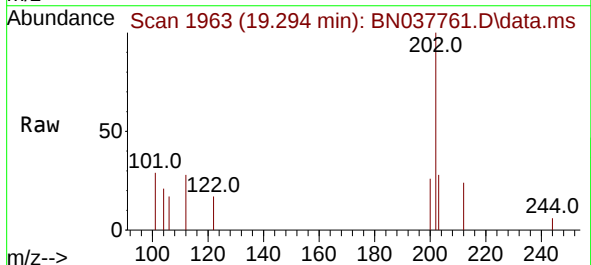
Instrument :
BNA_N
ClientSampleId :

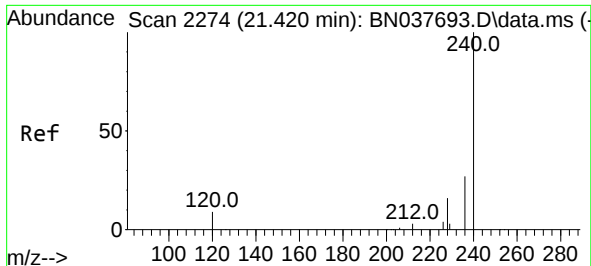
Tgt Ion:212 Resp: 14609
Ion Ratio Lower Upper
212 100
106 15.4 12.2 18.2
104 8.7 6.9 10.3



#28
Fluoranthene
Concen: 0.021 ng
RT: 19.294 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

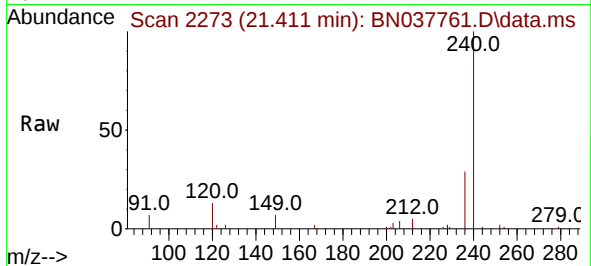
Tgt Ion:202 Resp: 1128
Ion Ratio Lower Upper
202 100
101 24.4 9.3 13.9#
203 21.1 13.7 20.5#



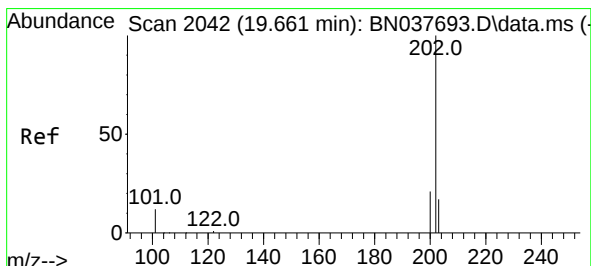
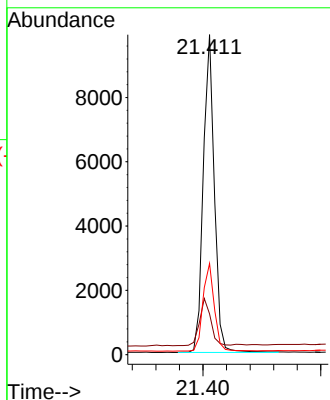
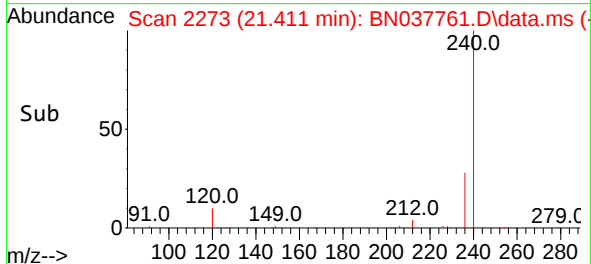


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

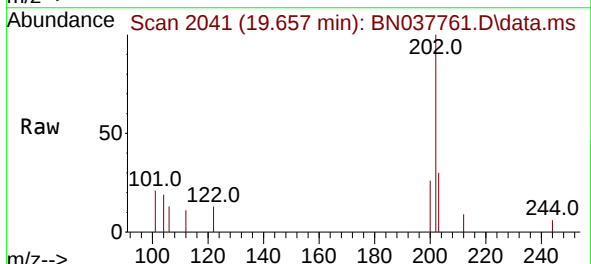
Instrument :
BNA_N
ClientSampleId :



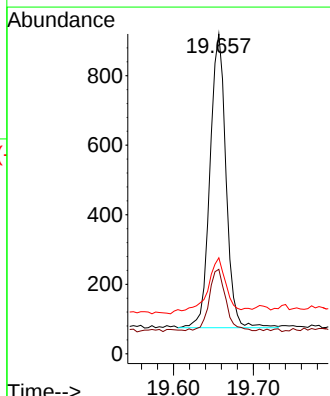
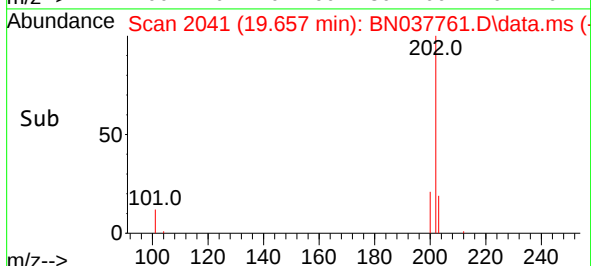
Tgt Ion:240 Resp: 12865
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 28.5 22.6 33.8

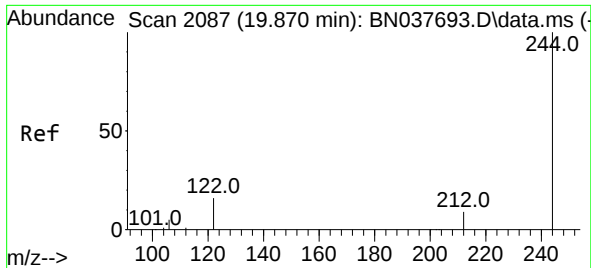


#30
Pyrene
Concen: 0.023 ng
RT: 19.657 min Scan# 2041
Delta R.T. -0.005 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58



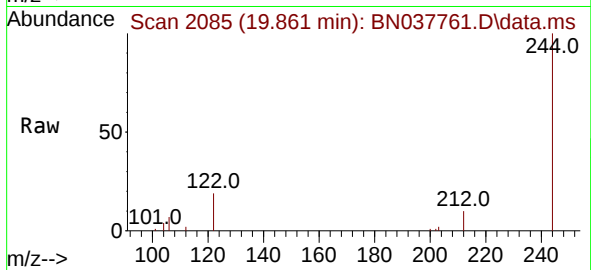
Tgt Ion:202 Resp: 1175
Ion Ratio Lower Upper
202 100
200 21.7 16.8 25.2
203 22.8 14.3 21.5#



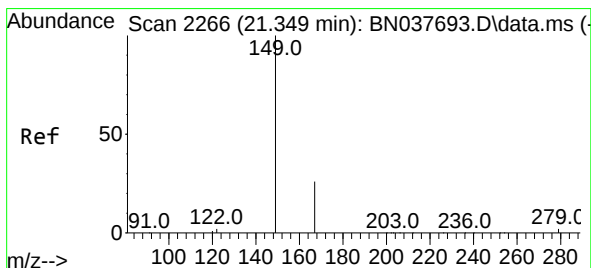
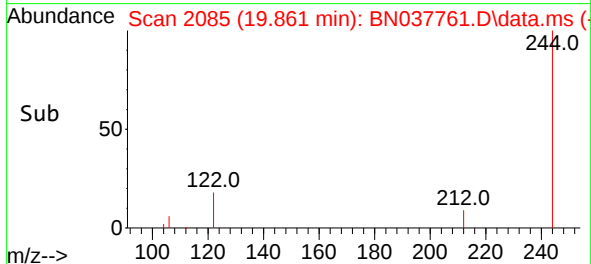
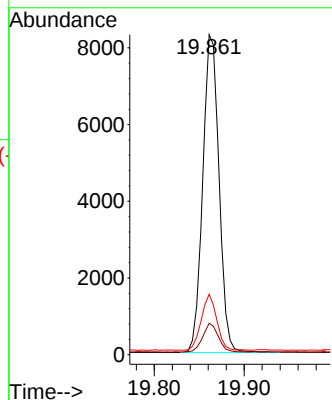


#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.861 min Scan# 2085
 Delta R.T. -0.009 min
 Lab File: BN037761.D
 Acq: 18 Sep 2025 03:58

Instrument :
 BNA_N
 ClientSampleId :

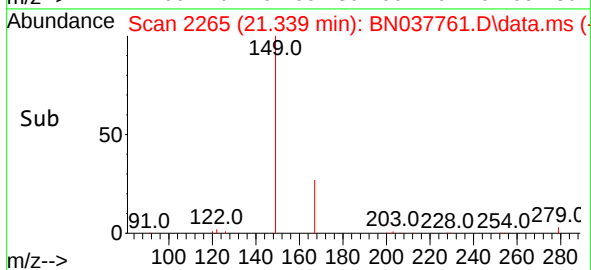
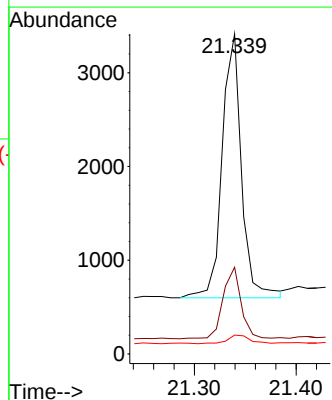
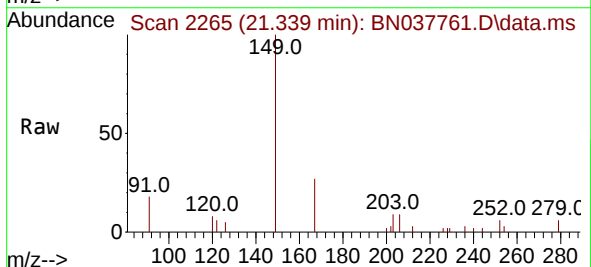


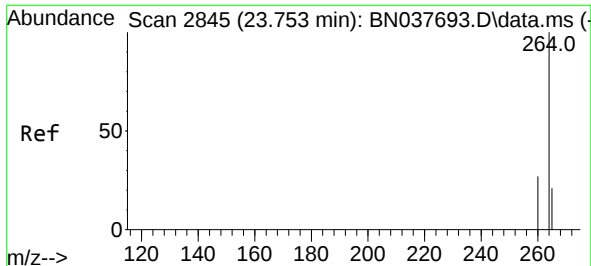
Tgt Ion:244 Resp: 10464
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.5 11.3
 122 18.8 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.279 ng
 RT: 21.339 min Scan# 2265
 Delta R.T. -0.009 min
 Lab File: BN037761.D
 Acq: 18 Sep 2025 03:58

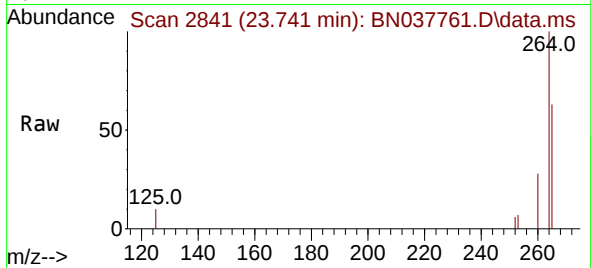
Tgt Ion:149 Resp: 3713
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.8 31.2
 279 3.7 3.3 4.9



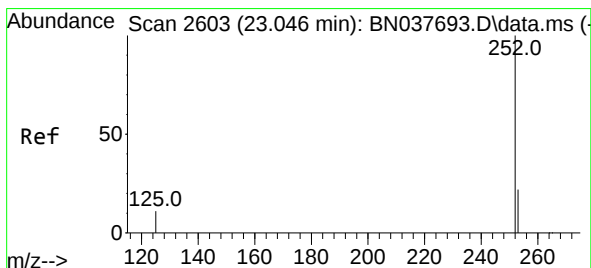
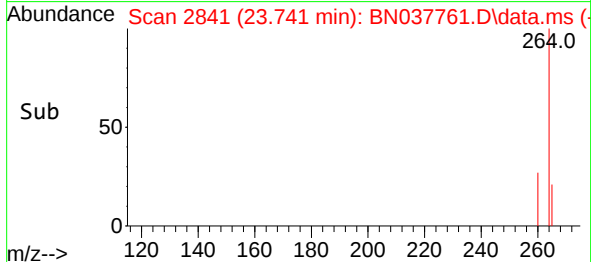
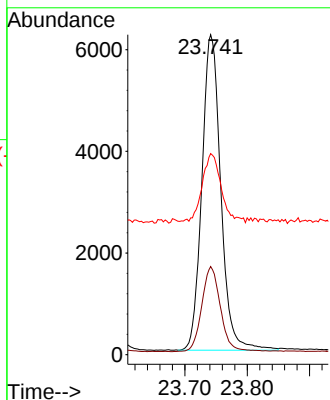


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.741 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN037761.D
 Acq: 18 Sep 2025 03:58

Instrument :
 BNA_N
 ClientSampleId :

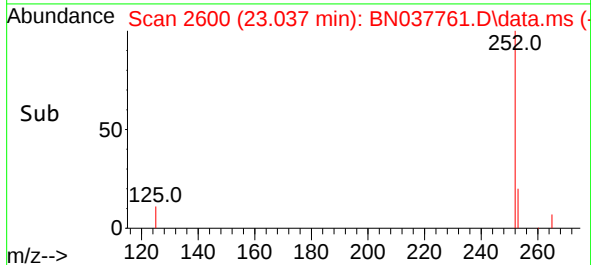
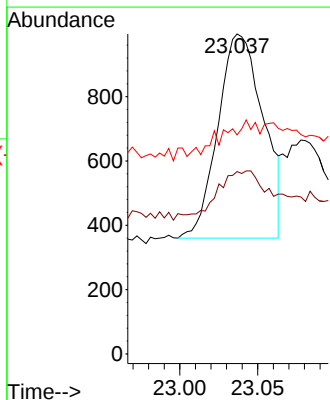
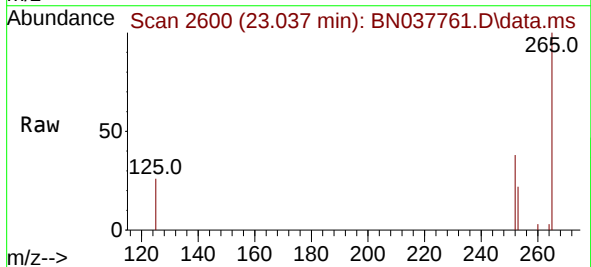


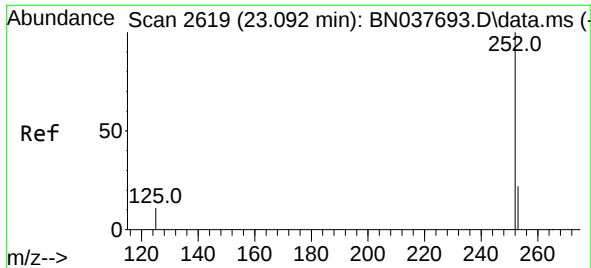
Tgt Ion:264 Resp: 13080
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.8 32.8
 265 62.8 39.4 59.2#



#37
 Benzo(b)fluoranthene
 Concen: 0.025 ng
 RT: 23.037 min Scan# 2600
 Delta R.T. -0.009 min
 Lab File: BN037761.D
 Acq: 18 Sep 2025 03:58

Tgt Ion:252 Resp: 1285
 Ion Ratio Lower Upper
 252 100
 253 57.0 19.4 29.2#
 125 68.4 11.2 16.8#





#38

Benzo(k)fluoranthene

Concen: 0.024 ng

RT: 23.037 min Scan# 20

Delta R.T. -0.056 min

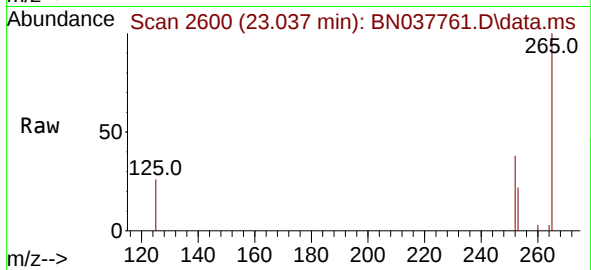
Lab File: BN037761.D

Acq: 18 Sep 2025 03:58

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:252 Resp: 1285

Ion Ratio Lower Upper

252 100

253 57.0 19.4 29.0#

125 68.4 11.6 17.4#

