

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 :
 MW202D-20250909

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)

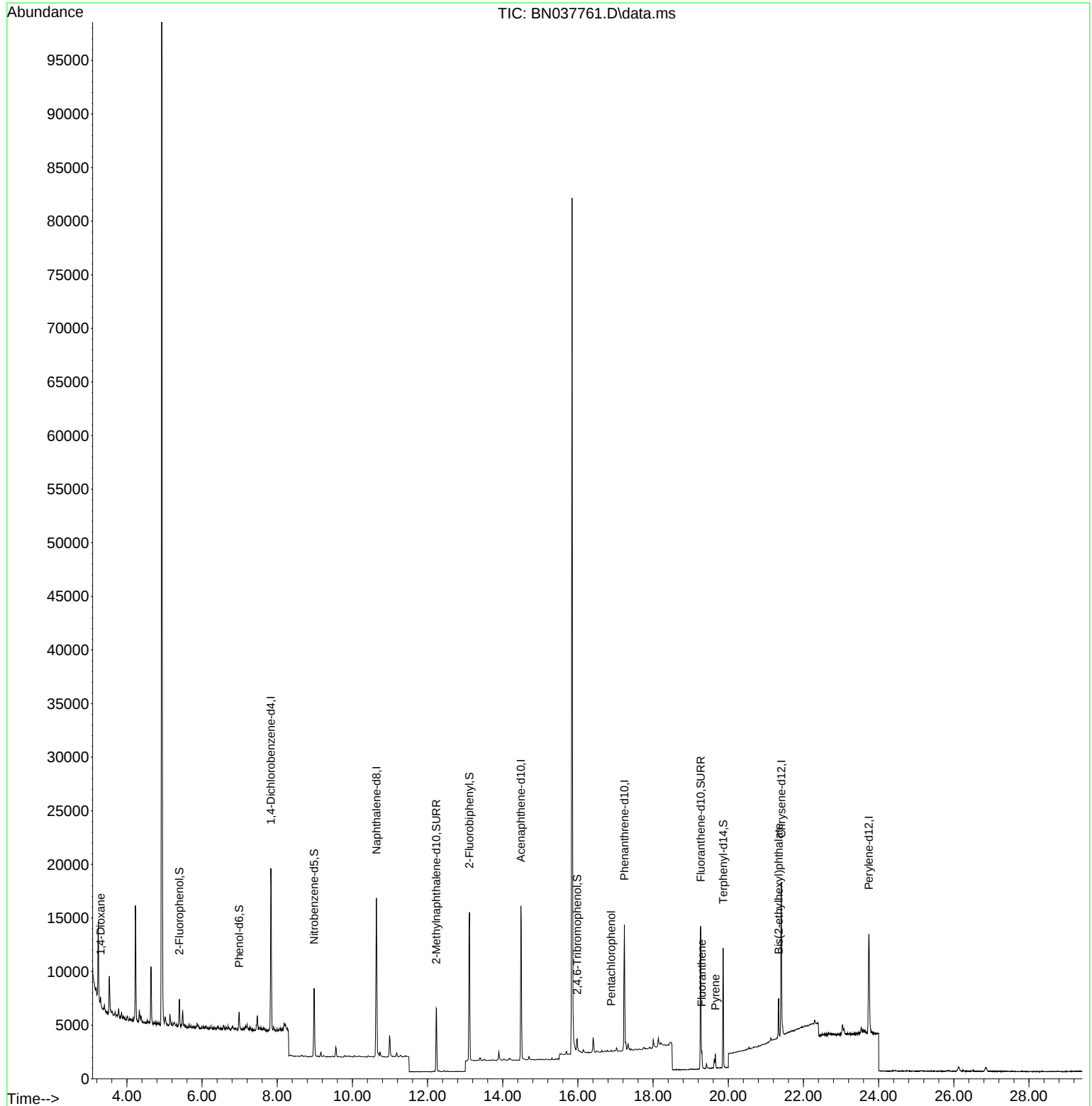
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7232	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	19420	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8613	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	15444	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	12865	0.400	ng	0.00
35) Perylene-d12	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
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

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

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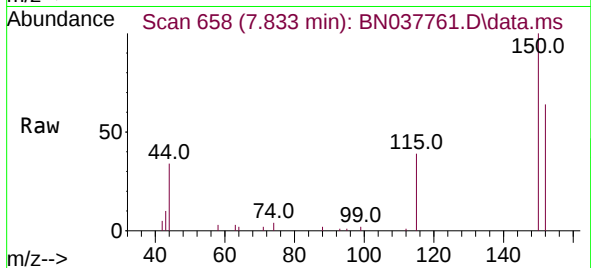
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



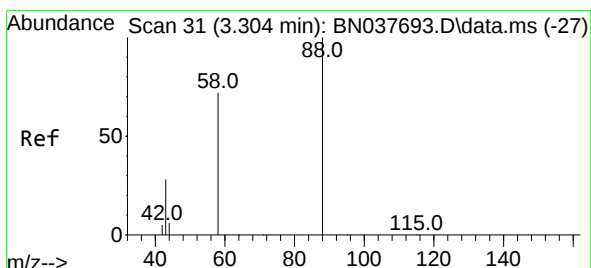
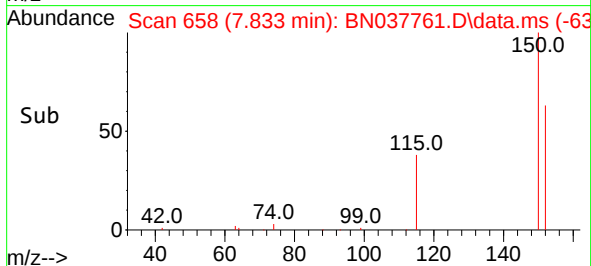
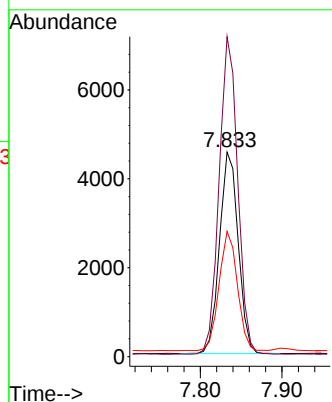


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

Instrument :
BNA_N
ClientSampleId :
MW202D-20250909

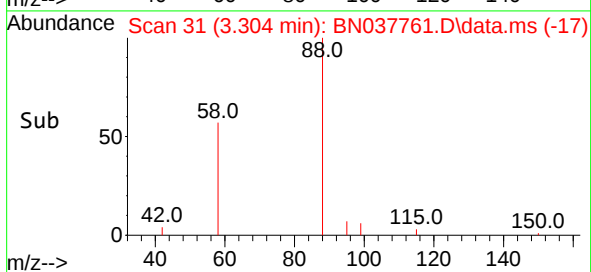
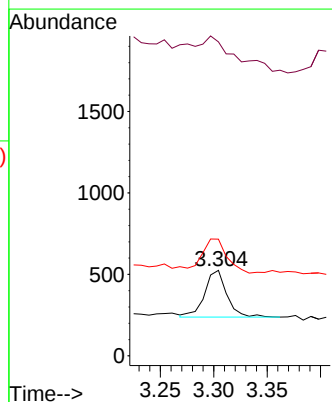
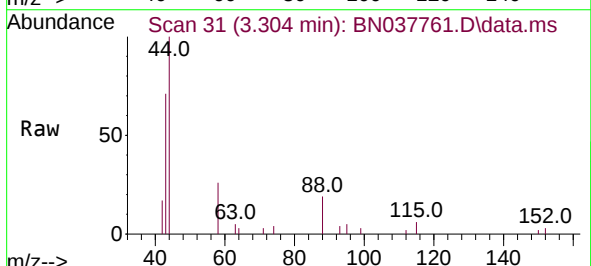


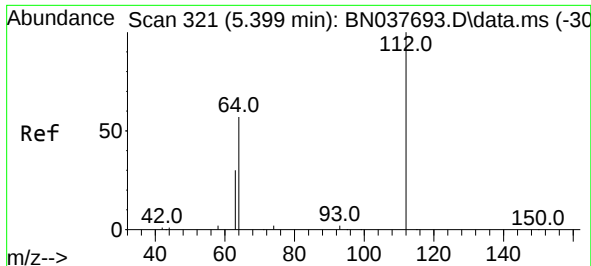
Tgt Ion:152 Resp: 7232
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 61.2 49.2 73.8



#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

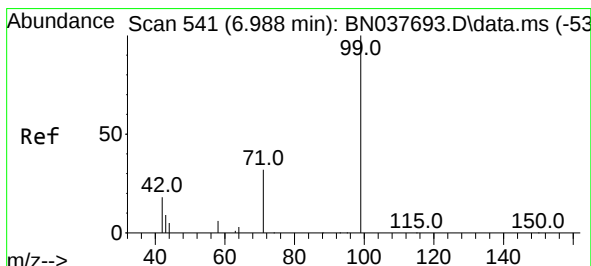
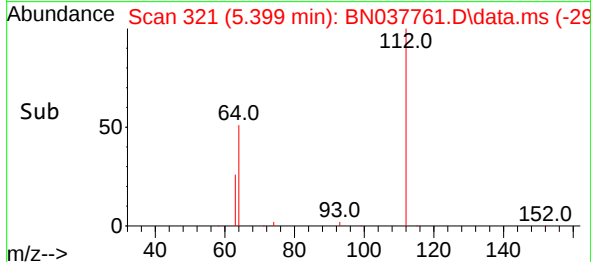
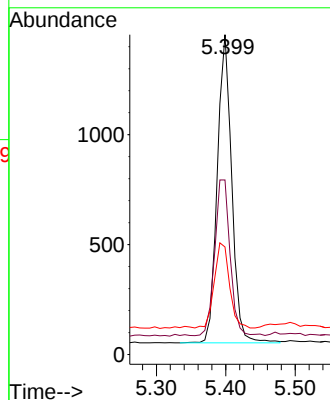
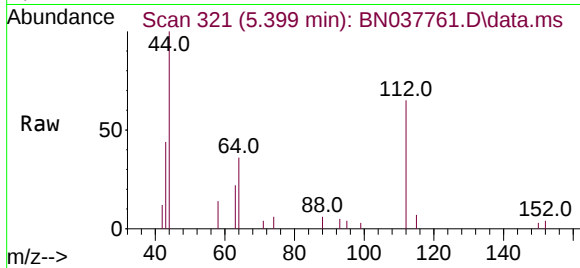




#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

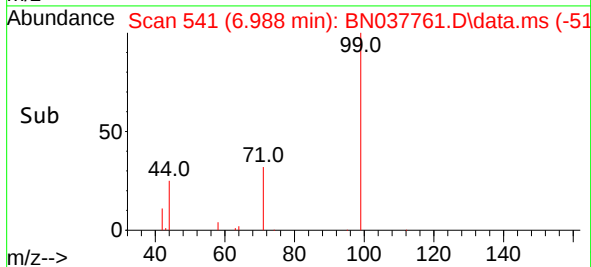
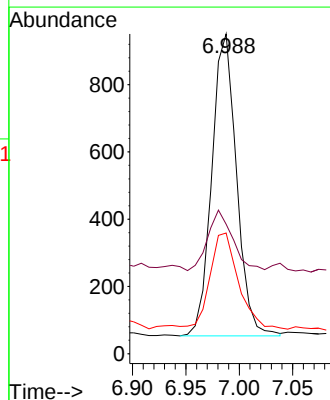
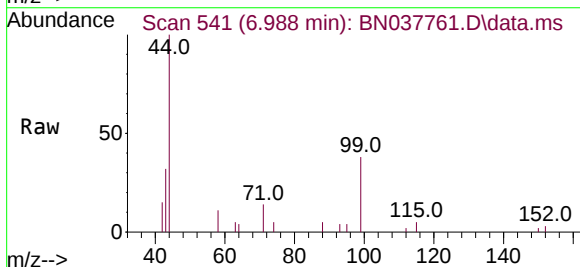
Instrument :
BNA_N
ClientSampleId :
MW202D-20250909

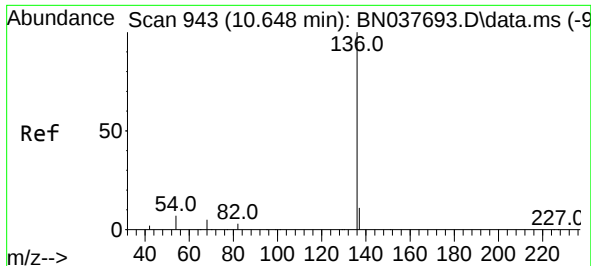
Tgt Ion:112 Resp: 2030
Ion Ratio Lower Upper
112 100
64 53.7 44.9 67.3
63 28.7 24.7 37.1



#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

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

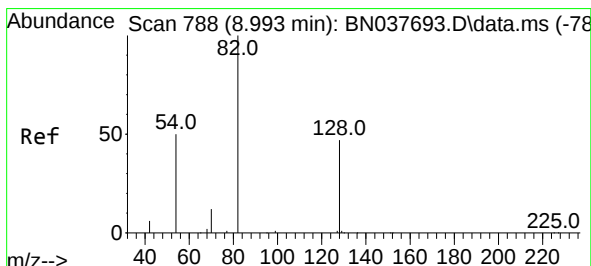
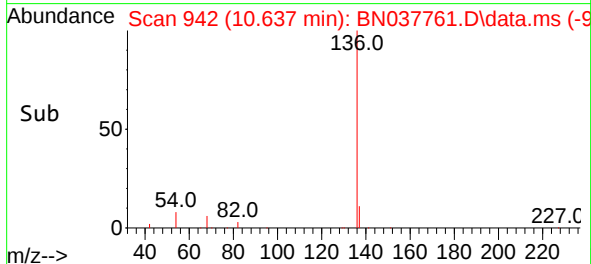
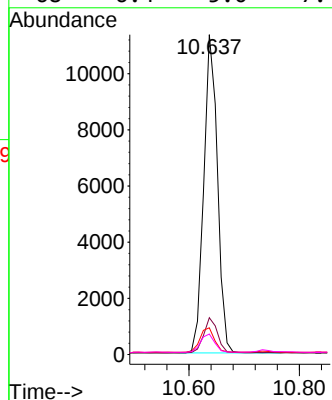
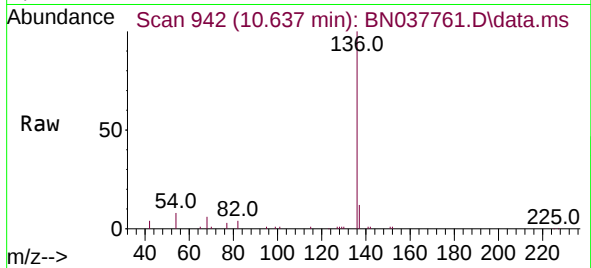




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

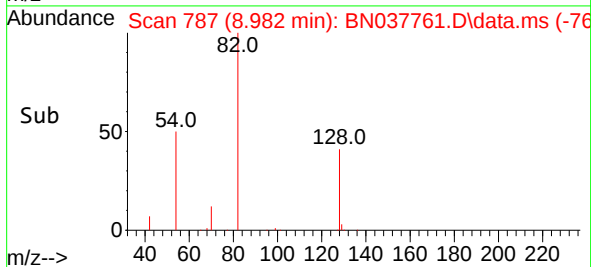
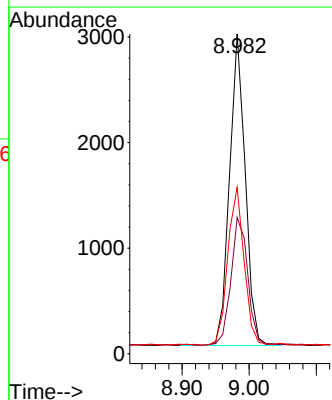
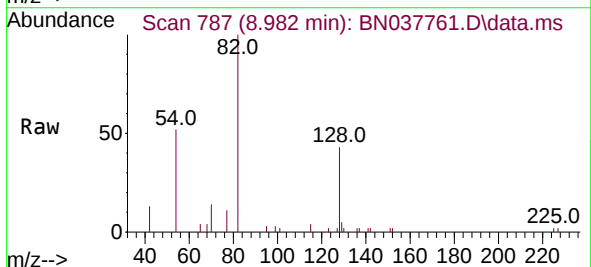
Instrument :
BNA_N
ClientSampleId :
MW202D-20250909

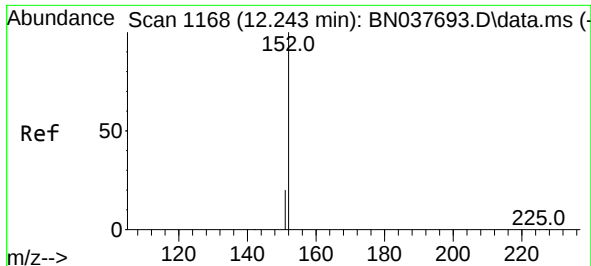
Tgt Ion:136	Resp:	19420
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	8.4	6.3 9.5
68	6.4	5.0 7.4



#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

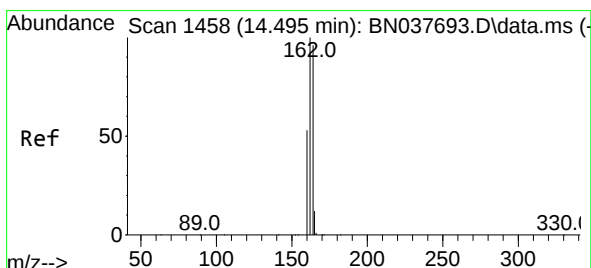
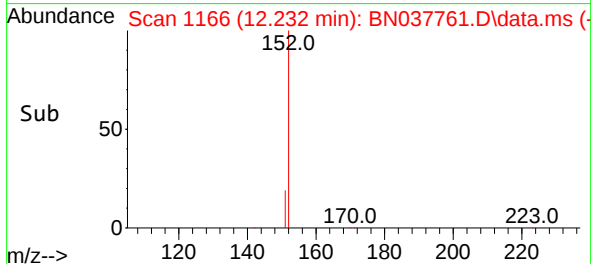
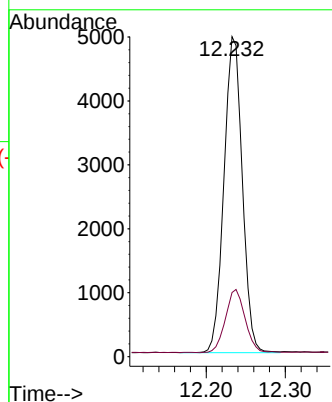
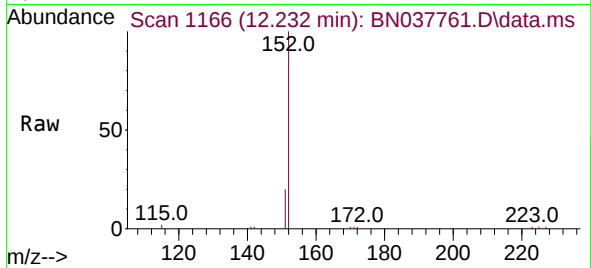




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

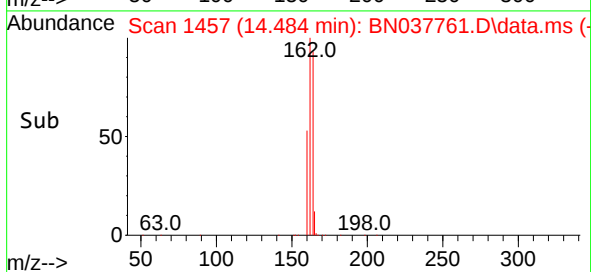
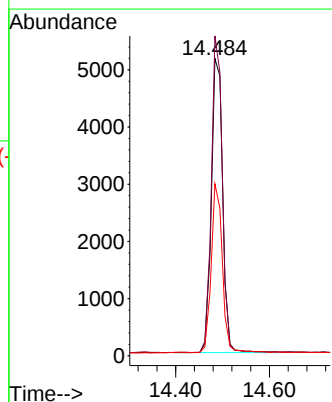
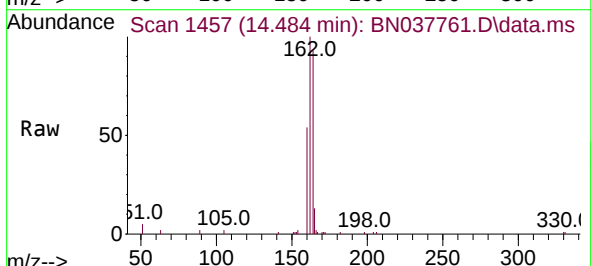
Instrument :
BNA_N
ClientSampleId :
MW202D-20250909

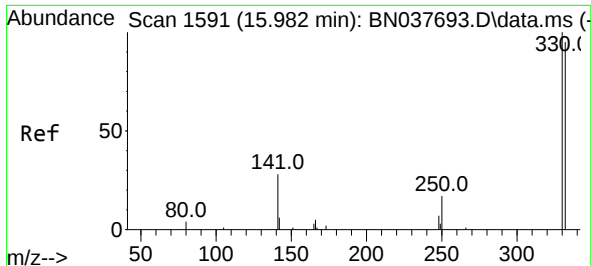
Tgt Ion:152 Resp: 7932
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6



#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

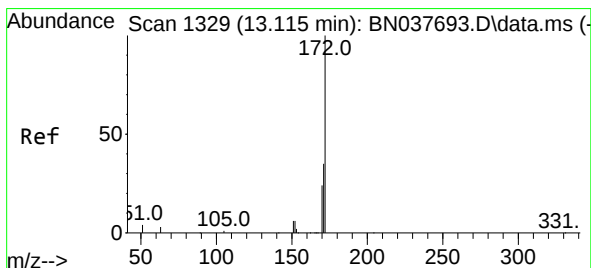
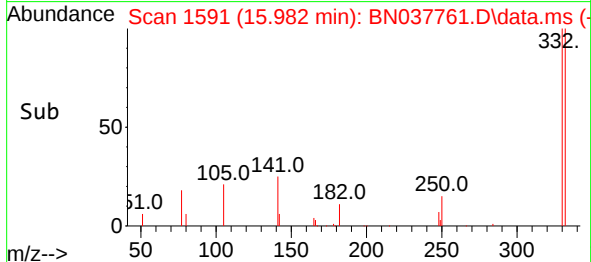
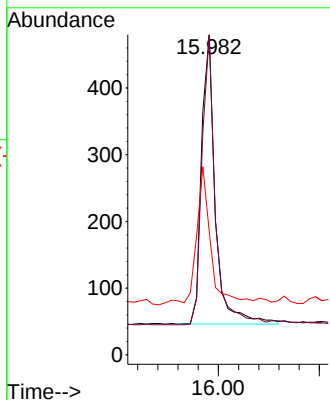
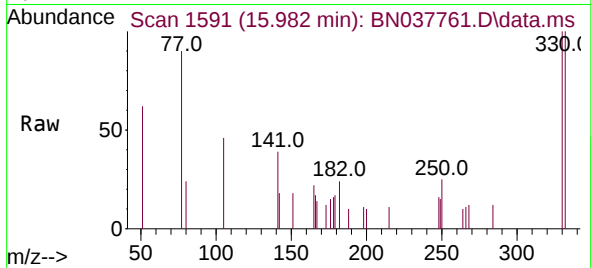




#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

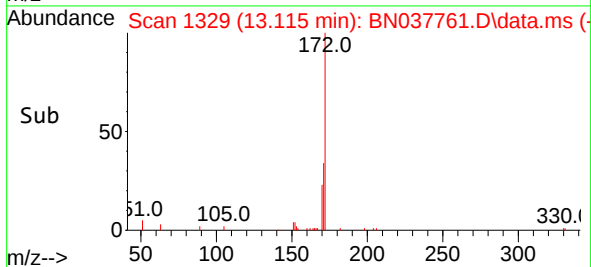
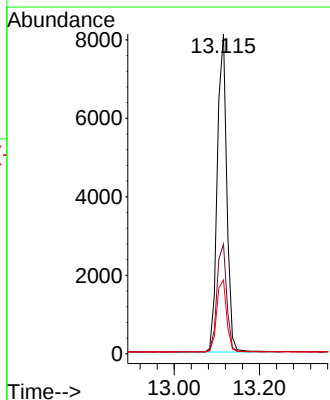
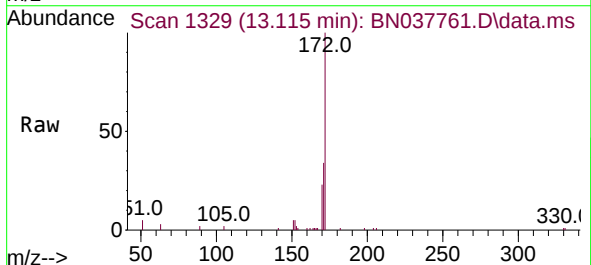
Instrument :
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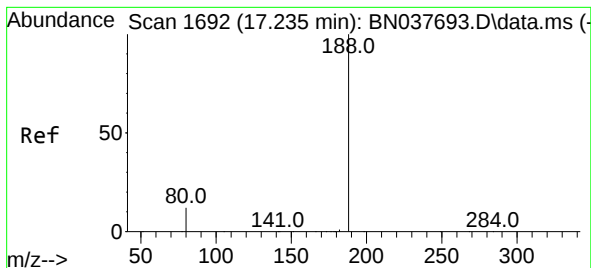
Tgt Ion:330 Resp: 820
Ion Ratio Lower Upper
330 100
332 97.0 75.3 112.9
141 49.9 35.0 52.4



#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 :

MW202D-20250909

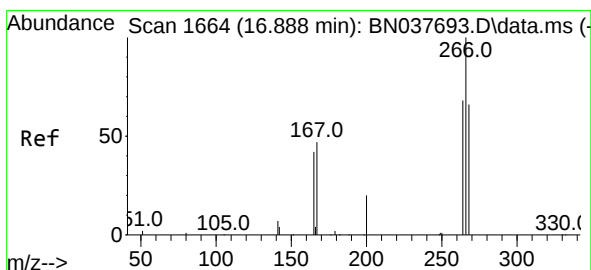
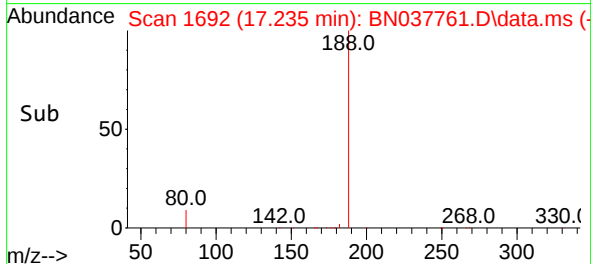
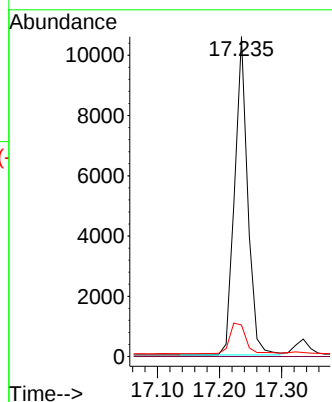
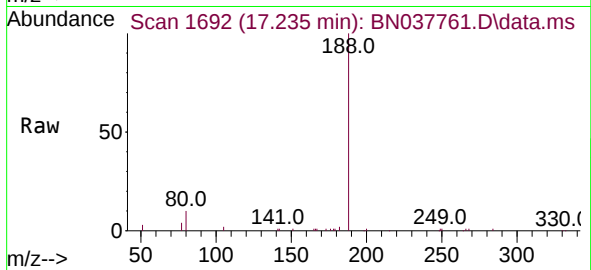
Tgt Ion:188 Resp: 15444

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

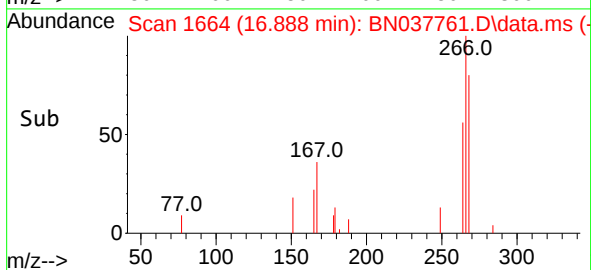
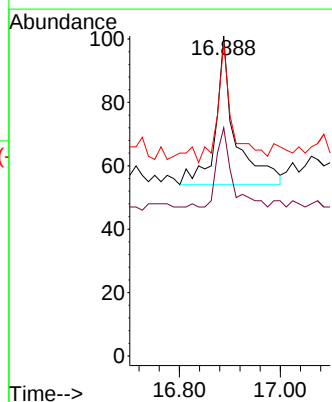
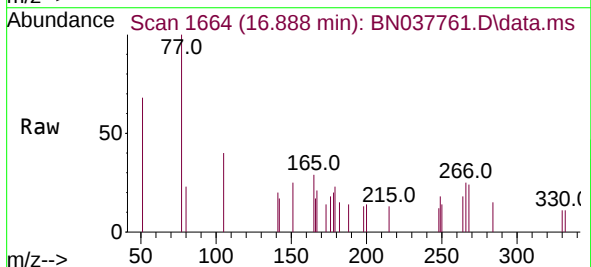
Tgt Ion:266 Resp: 127

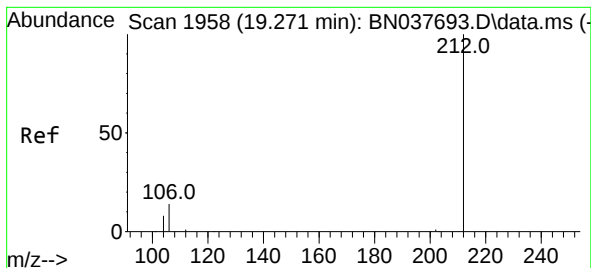
Ion Ratio Lower Upper

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# 1958

Delta R.T. -0.005 min

Lab File: BN037761.D

Acq: 18 Sep 2025 03:58

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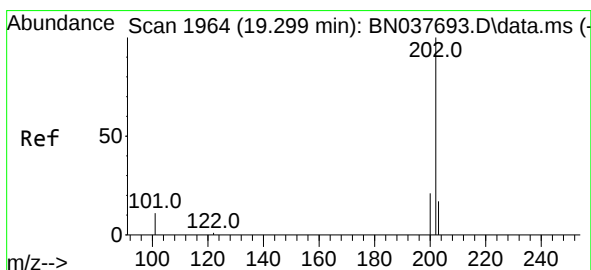
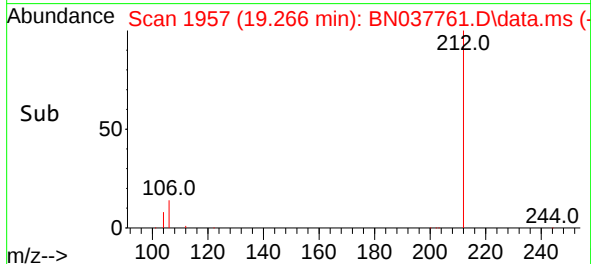
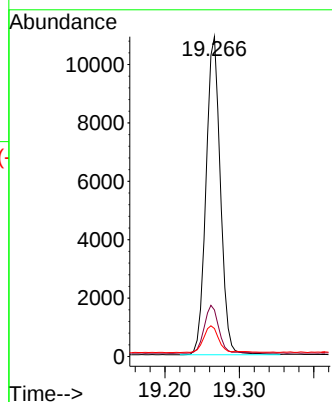
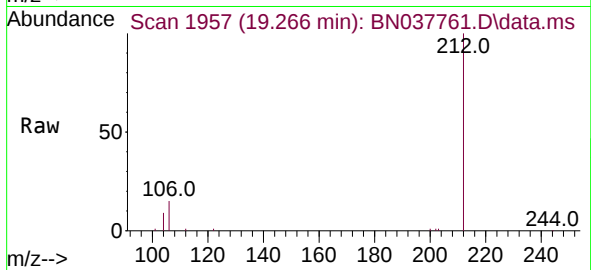
Tgt Ion:212 Resp: 14609

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

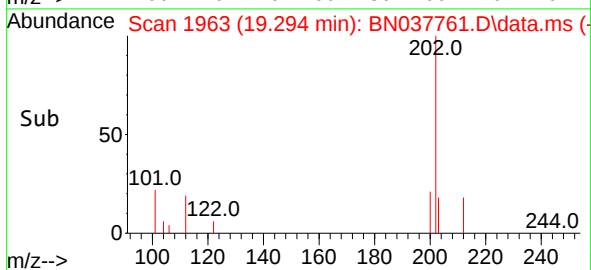
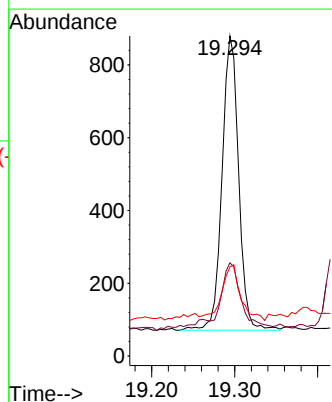
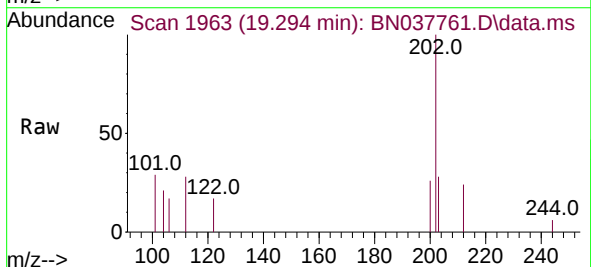
Tgt Ion:202 Resp: 1128

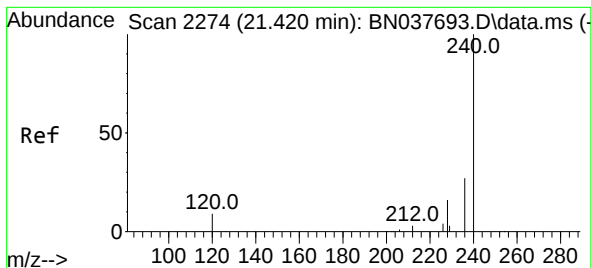
Ion Ratio Lower Upper

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 :

MW202D-20250909

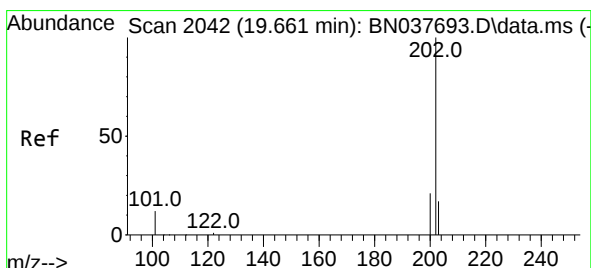
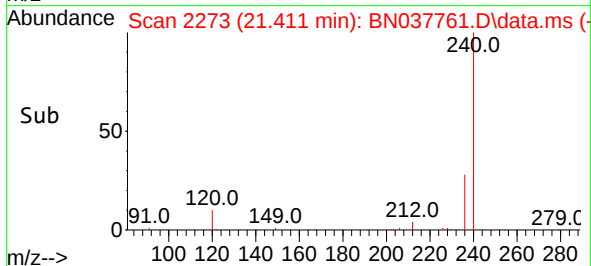
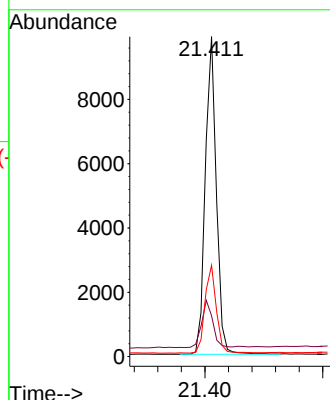
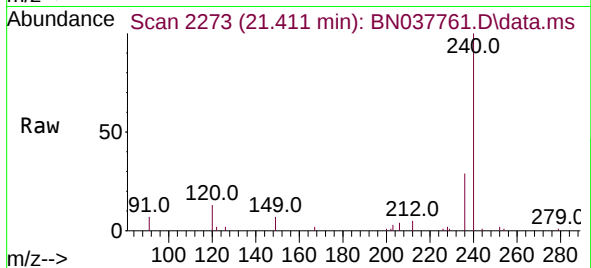
Tgt Ion:240 Resp: 12865

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

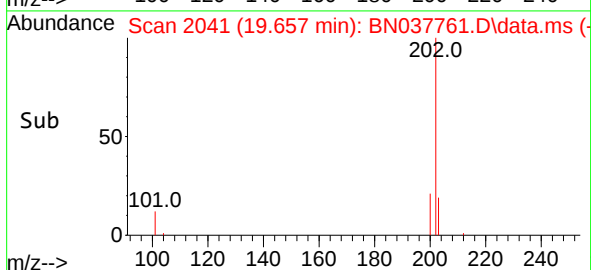
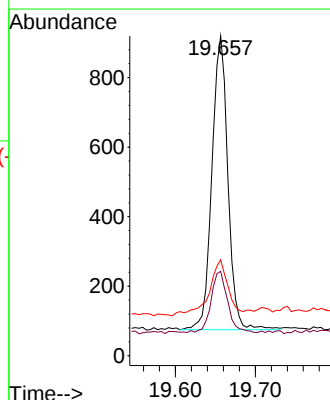
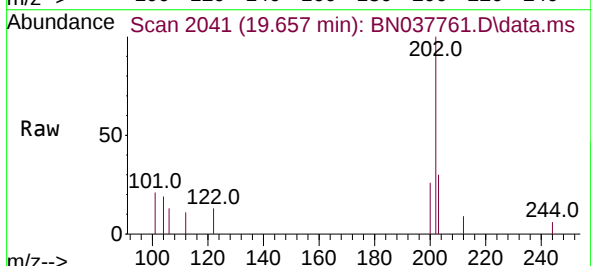
Tgt Ion:202 Resp: 1175

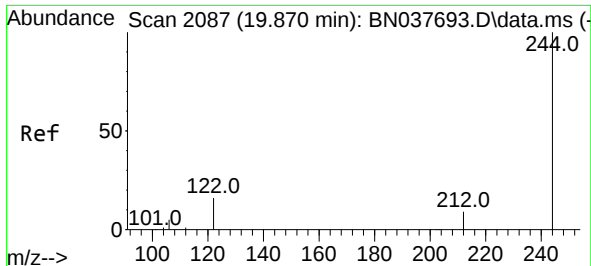
Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

203 22.8 14.3 21.5#

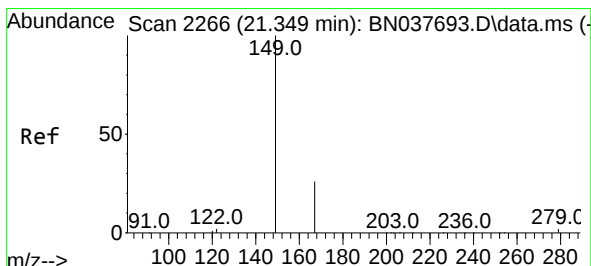
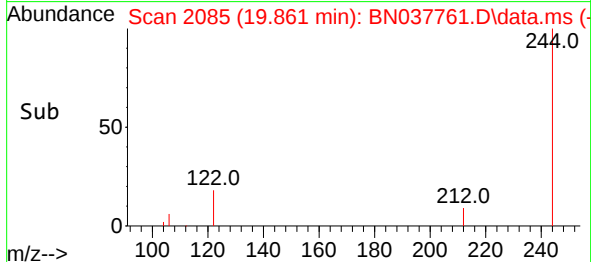
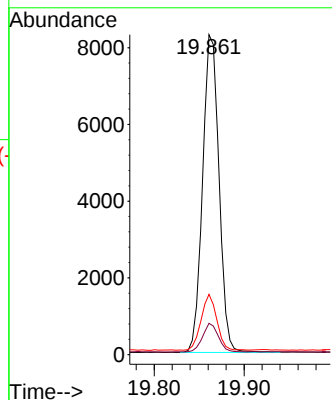
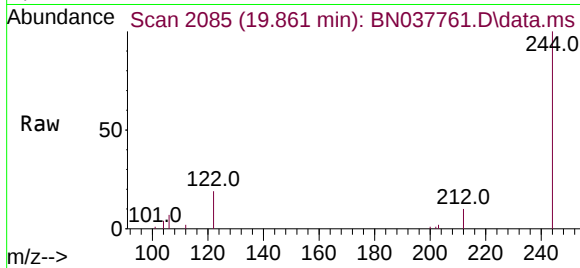




#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.861 min Scan# 2085
 Delta R.T. -0.009 min
 Lab File: BN037761.D
 Acq: 18 Sep 2025 03:58

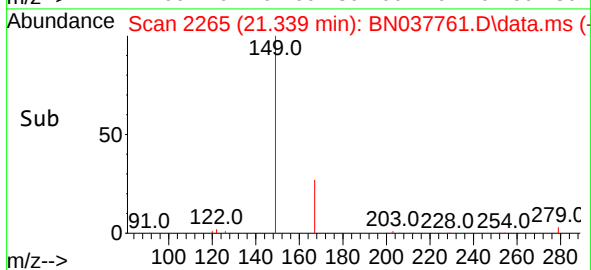
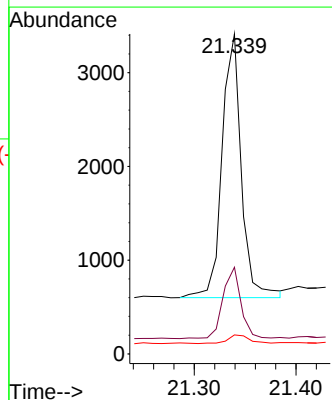
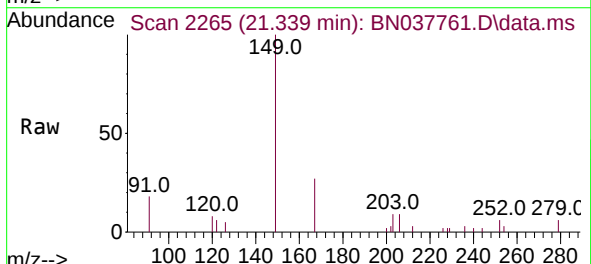
Instrument :
 BNA_N
 ClientSampleId :
 MW202D-20250909

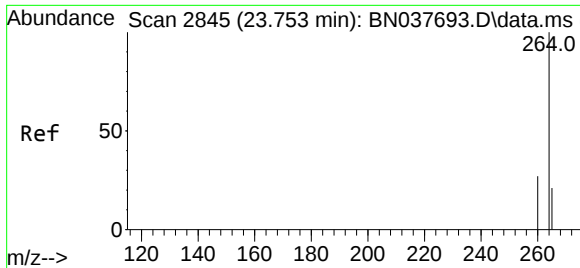
Tgt Ion:244 Resp: 10464
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.5 11.3
 122 18.8 13.2 19.8



#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

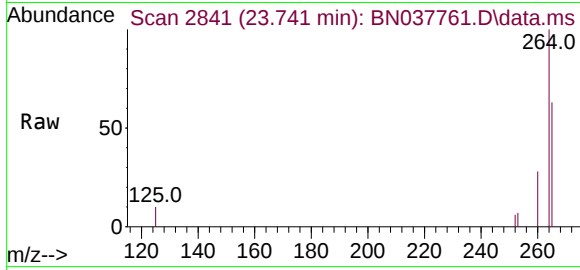
Tgt Ion:149 Resp: 3713
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.8 31.2
 279 3.7 3.3 4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BN037761.D
Acq: 18 Sep 2025 03:58

Instrument :
BNA_N
ClientSampleId :
MW202D-20250909



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#

