

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037962.D
 Acq On : 01 Oct 2025 01:46
 Operator : RC/JU
 Sample : PB169886BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169886BL

Quant Time: Oct 01 04:25:47 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	7.811	152	6783	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	18599	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	9081	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	18168	0.400	ng	0.00
29) Chrysene-d12	21.393	240	14118	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	11978	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	5949	0.384	ng	0.00
5) Phenol-d6	6.973	99	7779	0.382	ng	0.00
8) Nitrobenzene-d5	8.961	82	5086	0.359	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	8718	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1081	0.314	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	13748	0.370	ng	0.00
27) Fluoranthene-d10	19.248	212	16430	0.360	ng	0.00
31) Terphenyl-d14	19.843	244	11611	0.413	ng	0.00

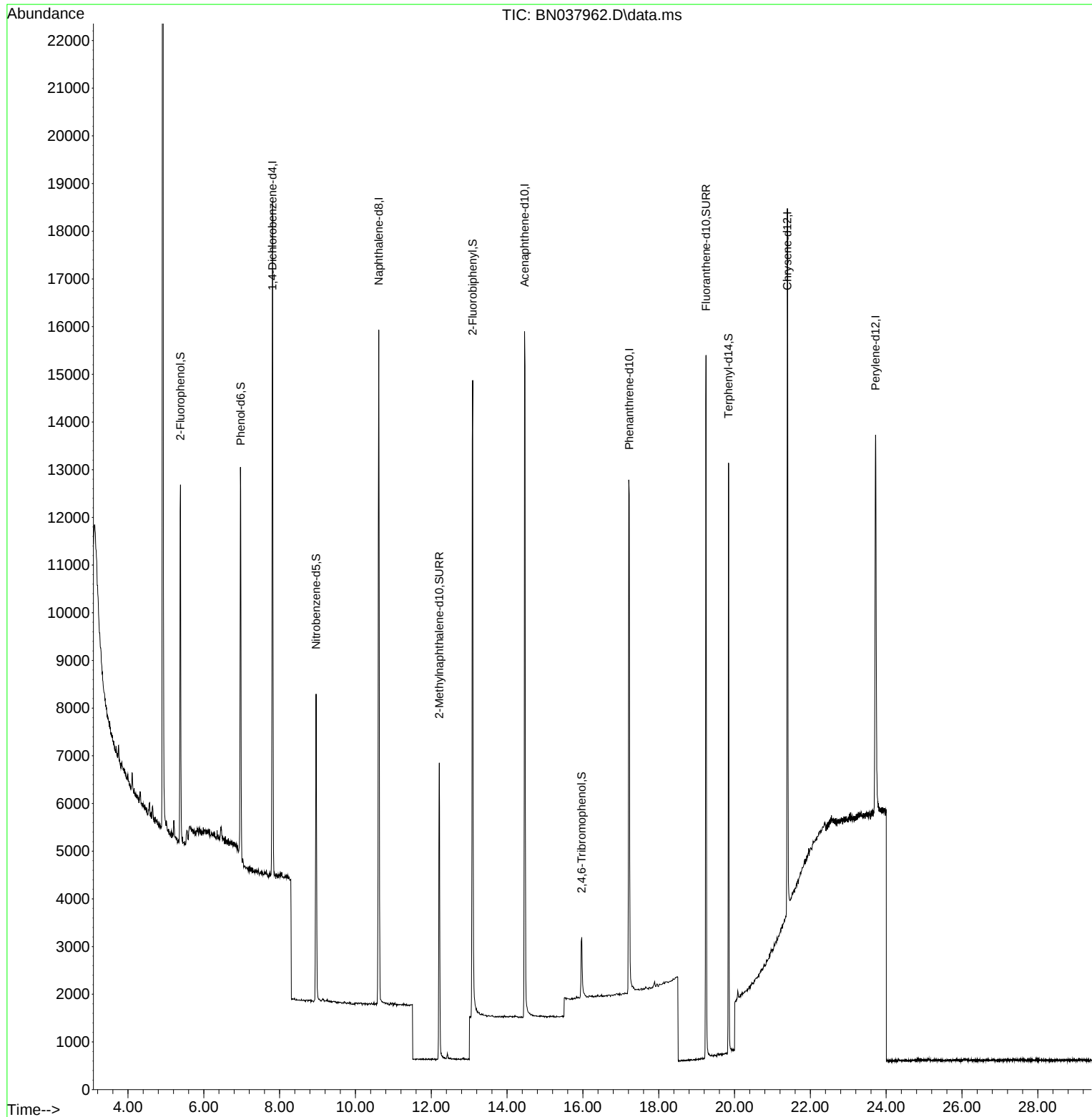
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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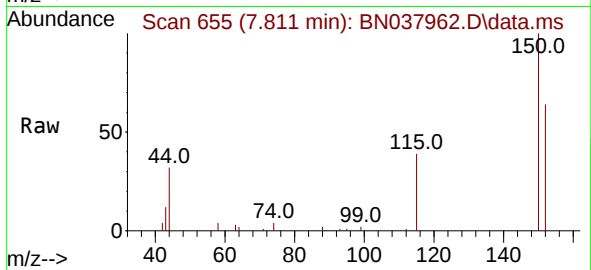
Quant Time: Oct 01 04:25:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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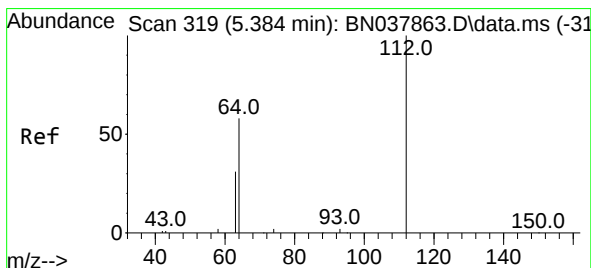
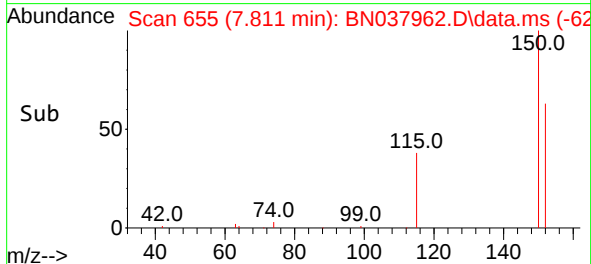
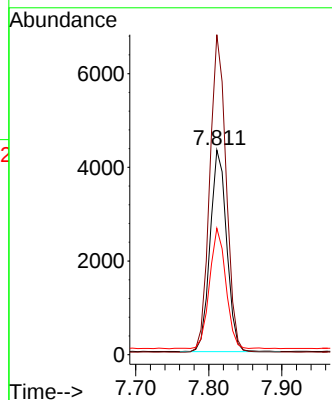


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN037962.D
Acq: 01 Oct 2025 01:46

Instrument :
BNA_N
ClientSampleId :
PB169886BL

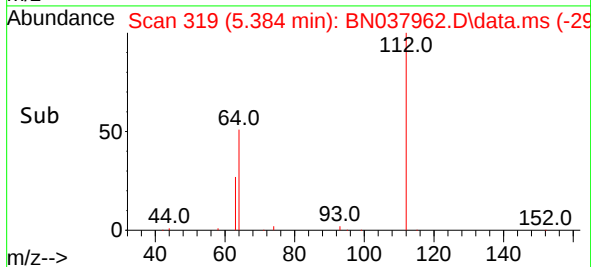
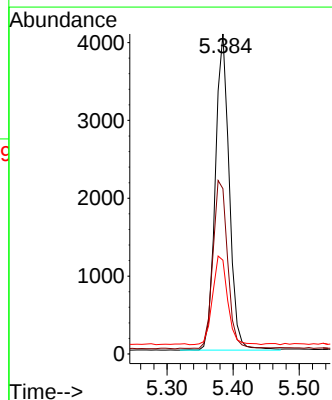
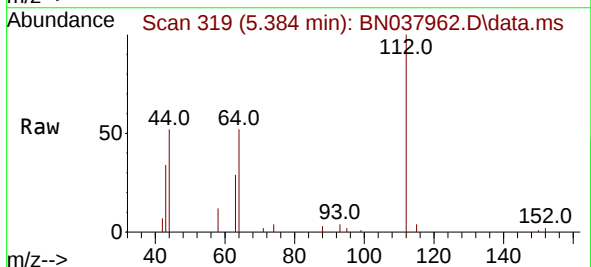


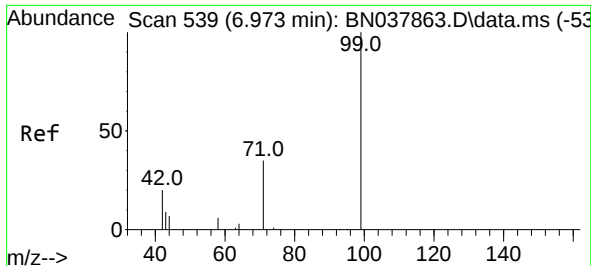
Tgt Ion:152 Resp: 6783
Ion Ratio Lower Upper
152 100
150 156.4 121.0 181.4
115 61.8 47.4 71.0



#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037962.D
Acq: 01 Oct 2025 01:46

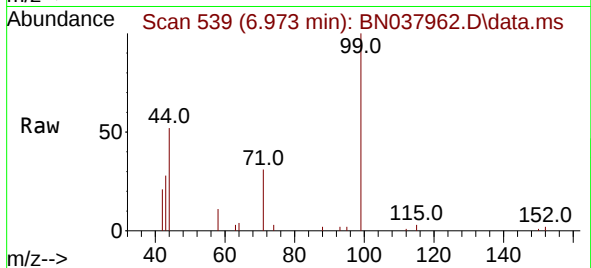
Tgt Ion:112 Resp: 5949
Ion Ratio Lower Upper
112 100
64 55.7 44.6 66.8
63 30.1 24.9 37.3



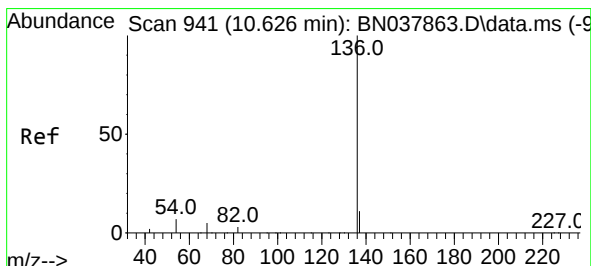
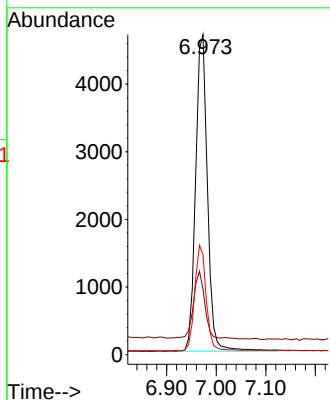
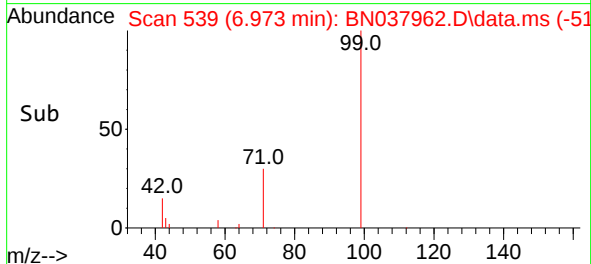


#5
Phenol-d6
Concen: 0.382 ng
RT: 6.973 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037962.D
Acq: 01 Oct 2025 01:46

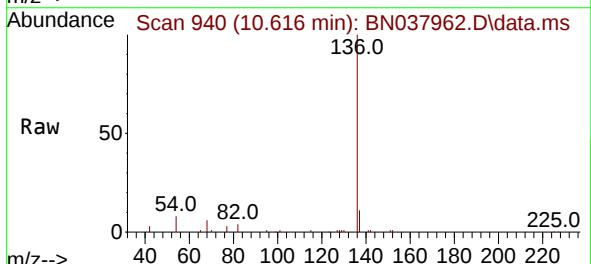
Instrument :
BNA_N
ClientSampleId :
PB169886BL



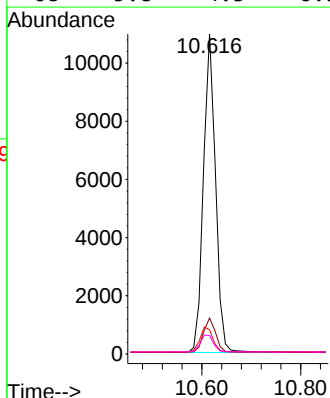
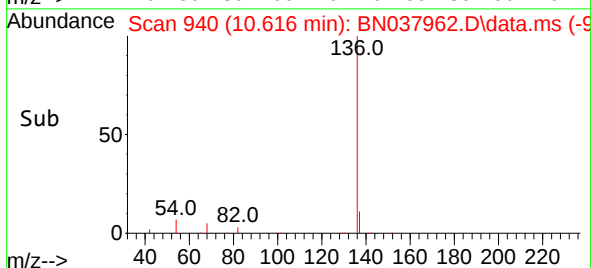
Tgt Ion:	99	Resp:	7779
Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.2	25.8
71	32.3	27.3	40.9

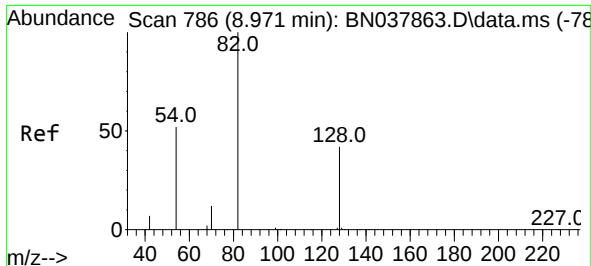


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037962.D
Acq: 01 Oct 2025 01:46



Tgt Ion:	136	Resp:	18599
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.6	5.8	8.8
68	5.8	4.3	6.5

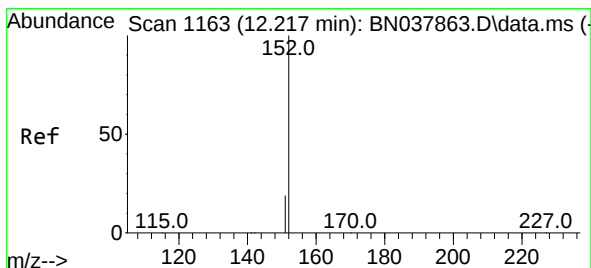
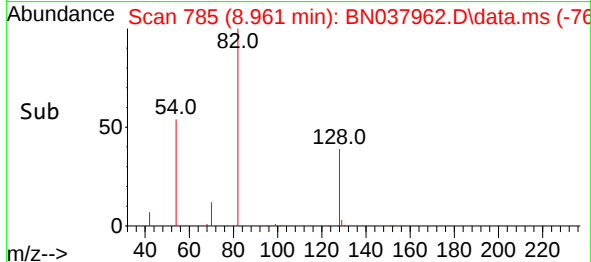
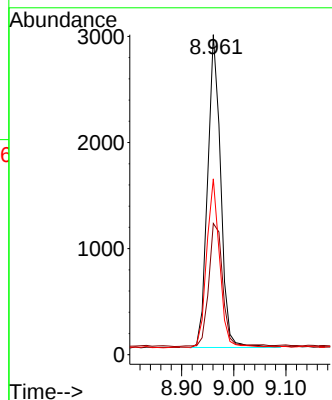
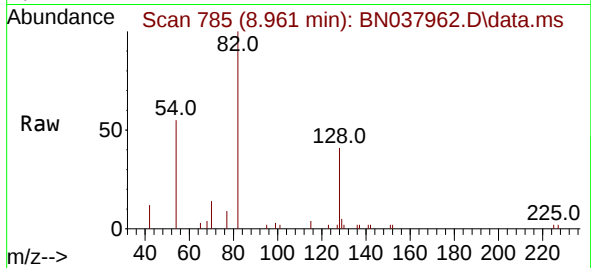




#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037962.D
Acq: 01 Oct 2025 01:46

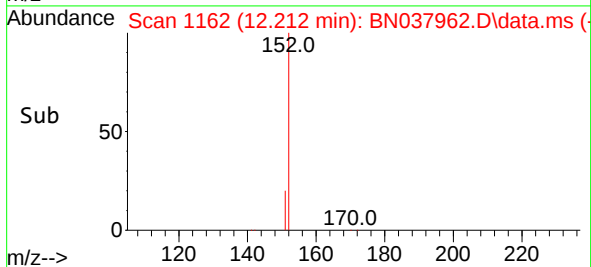
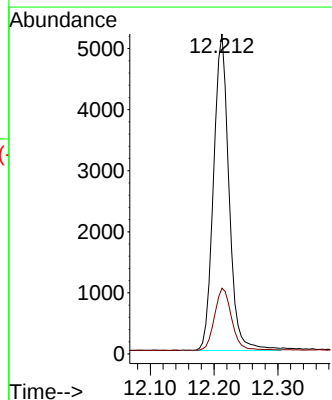
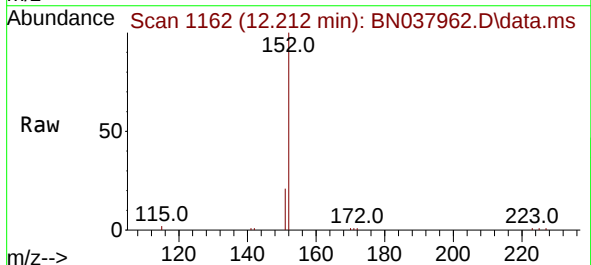
Instrument :
BNA_N
ClientSampleId :
PB169886BL

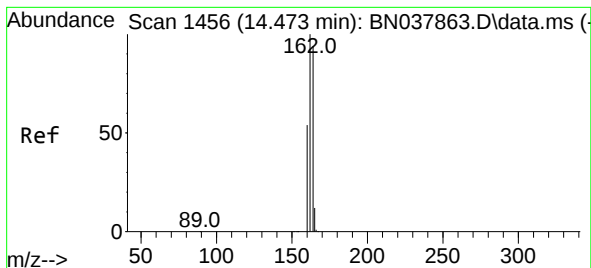
Tgt Ion: 82 Resp: 5086
Ion Ratio Lower Upper
82 100
128 41.0 34.8 52.2
54 54.9 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037962.D
Acq: 01 Oct 2025 01:46

Tgt Ion: 152 Resp: 8718
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.462 min Scan# 1455

Delta R.T. -0.011 min

Lab File: BN037962.D

Acq: 01 Oct 2025 01:46

Instrument :

BNA_N

ClientSampleId :

PB169886BL

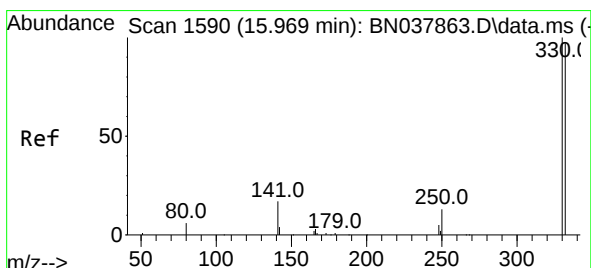
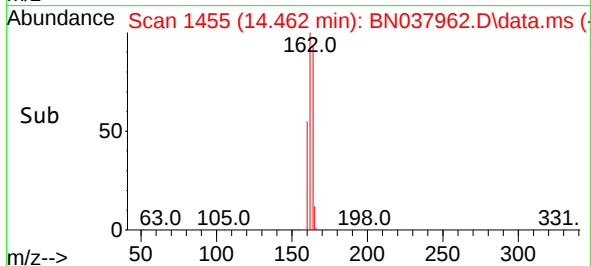
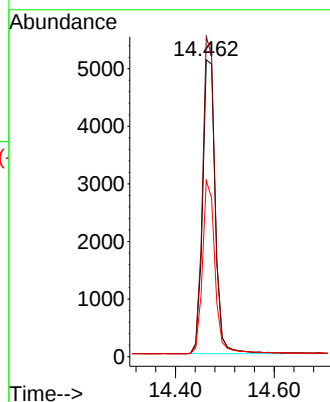
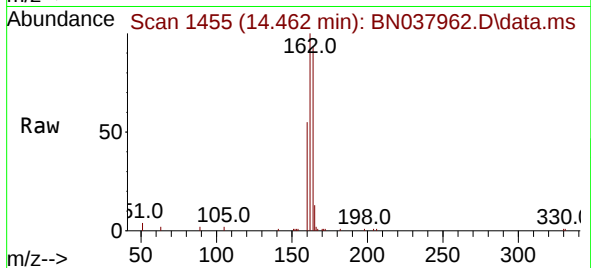
Tgt Ion:164 Resp: 9081

Ion Ratio Lower Upper

164 100

162 107.8 84.8 127.2

160 59.3 46.1 69.1



#14

2,4,6-Tribromophenol

Concen: 0.314 ng

RT: 15.969 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BN037962.D

Acq: 01 Oct 2025 01:46

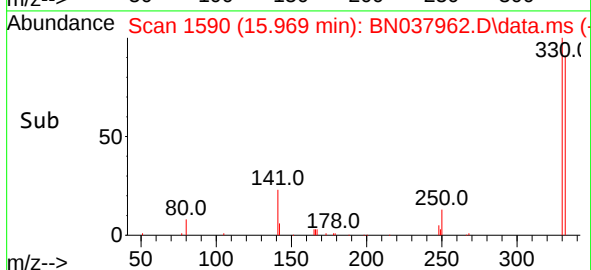
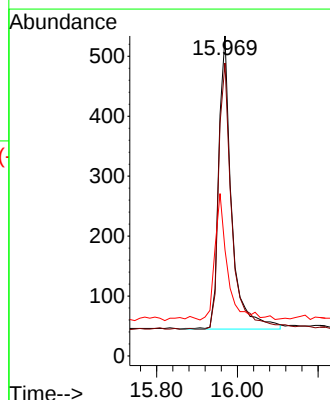
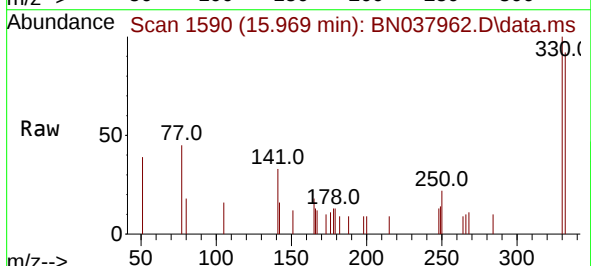
Tgt Ion:330 Resp: 1081

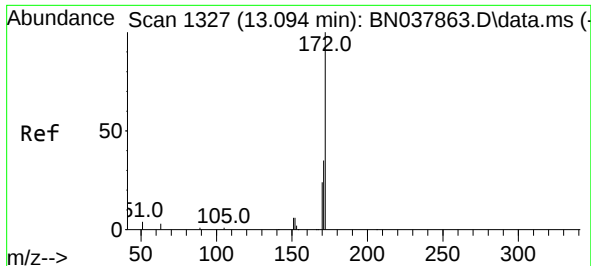
Ion Ratio Lower Upper

330 100

332 92.8 77.2 115.8

141 42.4 37.2 55.8

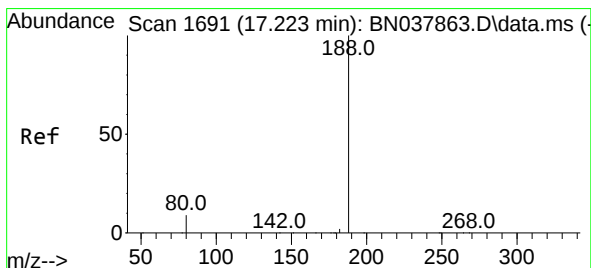
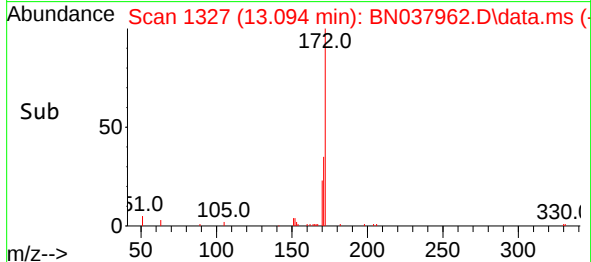
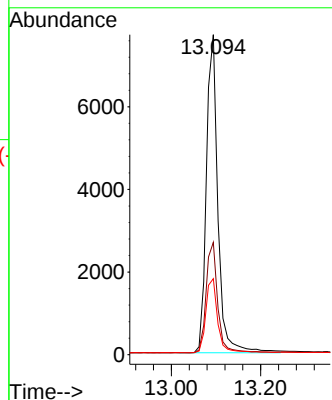
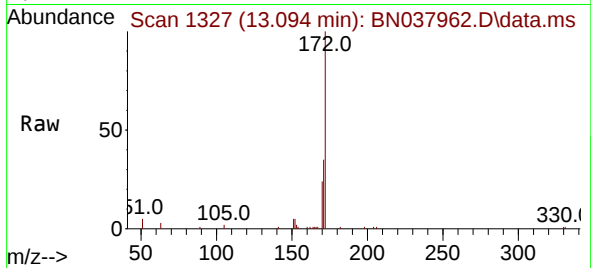




#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.094 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037962.D
Acq: 01 Oct 2025 01:46

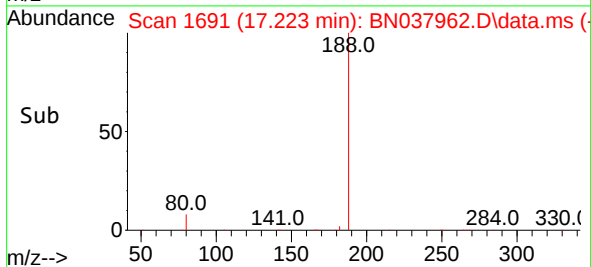
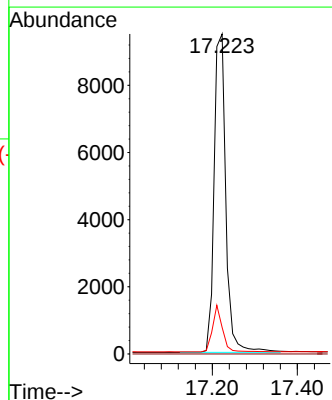
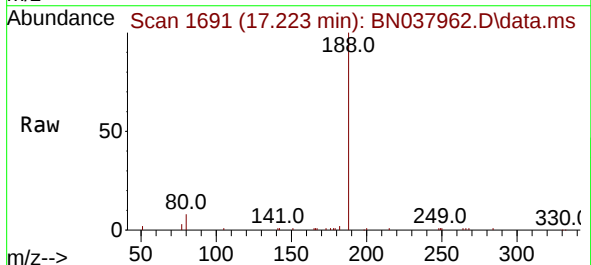
Instrument :
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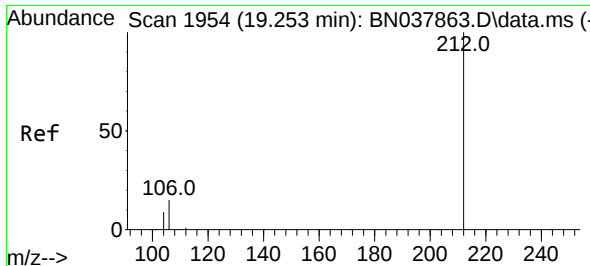
Tgt Ion:172 Resp: 13748
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.8 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037962.D
Acq: 01 Oct 2025 01:46

Tgt Ion:188 Resp: 18168
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 7.6 11.4

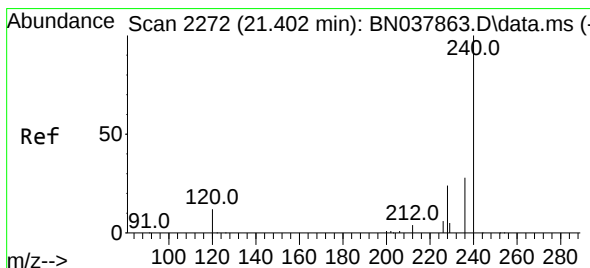
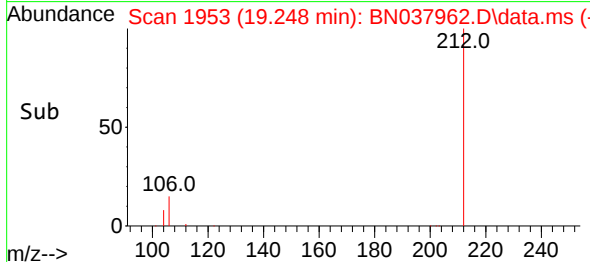
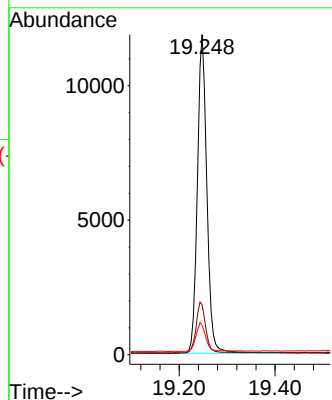
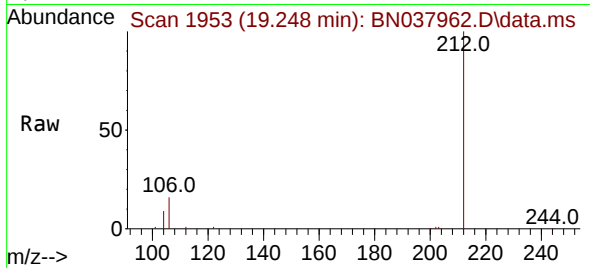




#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037962.D
Acq: 01 Oct 2025 01:46

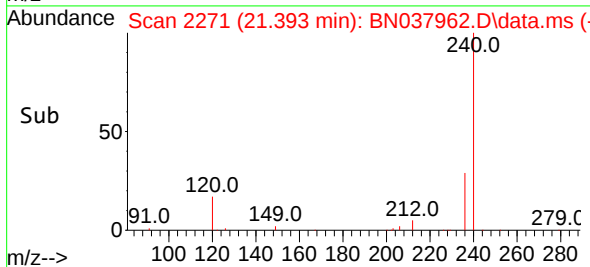
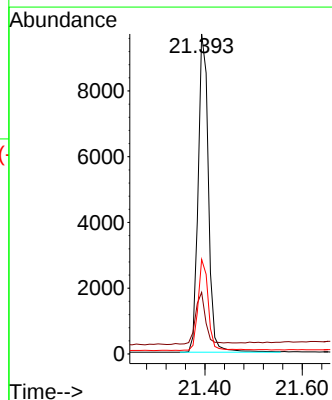
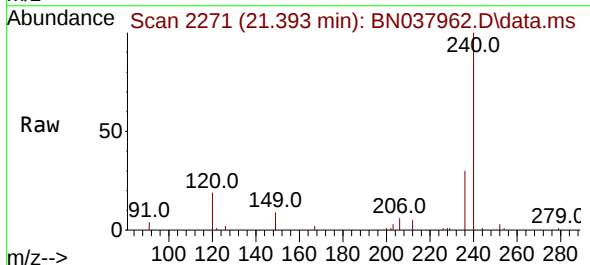
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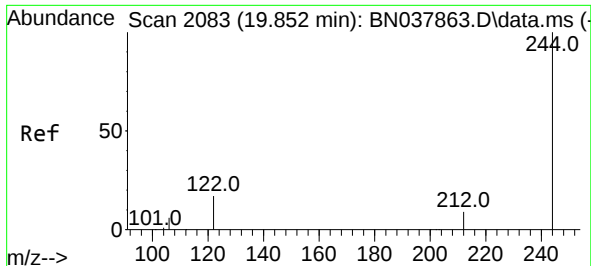
Tgt Ion:212 Resp: 16430
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.1 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037962.D
Acq: 01 Oct 2025 01:46

Tgt Ion:240 Resp: 14118
Ion Ratio Lower Upper
240 100
120 19.2 11.4 17.2#
236 29.6 23.0 34.6

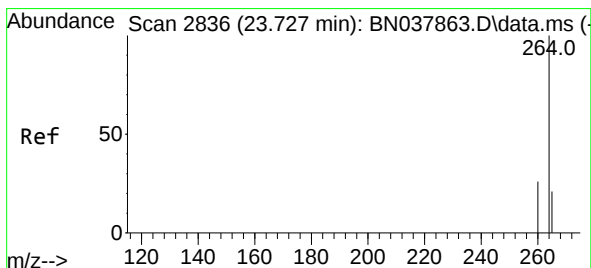
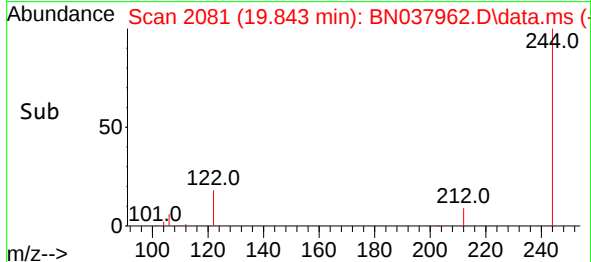
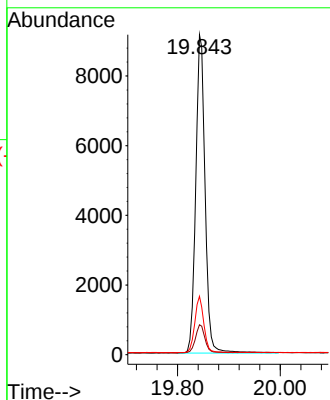
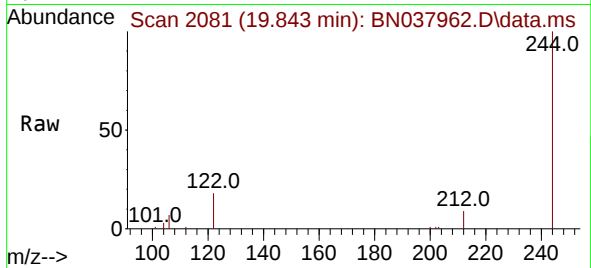




#31
 Terphenyl-d14
 Concen: 0.413 ng
 RT: 19.843 min Scan# 2081
 Delta R.T. -0.009 min
 Lab File: BN037962.D
 Acq: 01 Oct 2025 01:46

Instrument :
 BNA_N
 ClientSampleId :
 PB169886BL

Tgt Ion:244 Resp: 11611
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.6 11.4
 122 18.3 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.721 min Scan# 2834
 Delta R.T. -0.006 min
 Lab File: BN037962.D
 Acq: 01 Oct 2025 01:46

Tgt Ion:264 Resp: 11978
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.5 32.3
 265 90.5 53.8 80.6#

