

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092625\
 Data File : BN037924.D
 Acq On : 26 Sep 2025 13:59
 Operator : RC/JU
 Sample : PB169839BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169839BL

Quant Time: Sep 26 14:46:05 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	7.825	152	7447	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	20209	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	10190	0.400	ng	0.01
19) Phenanthrene-d10	17.223	188	20445	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	16373	0.400	ng	0.00
35) Perylene-d12	23.739	264	15684	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	6529	0.384	ng	0.01
5) Phenol-d6	6.988	99	8065	0.361	ng	0.01
8) Nitrobenzene-d5	8.982	82	5671	0.368	ng	0.01
11) 2-Methylnaphthalene-d10	12.222	152	9724	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	732	0.189	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	15317	0.367	ng	0.01
27) Fluoranthene-d10	19.257	212	17986	0.350	ng	0.00
31) Terphenyl-d14	19.856	244	12945	0.397	ng	0.00

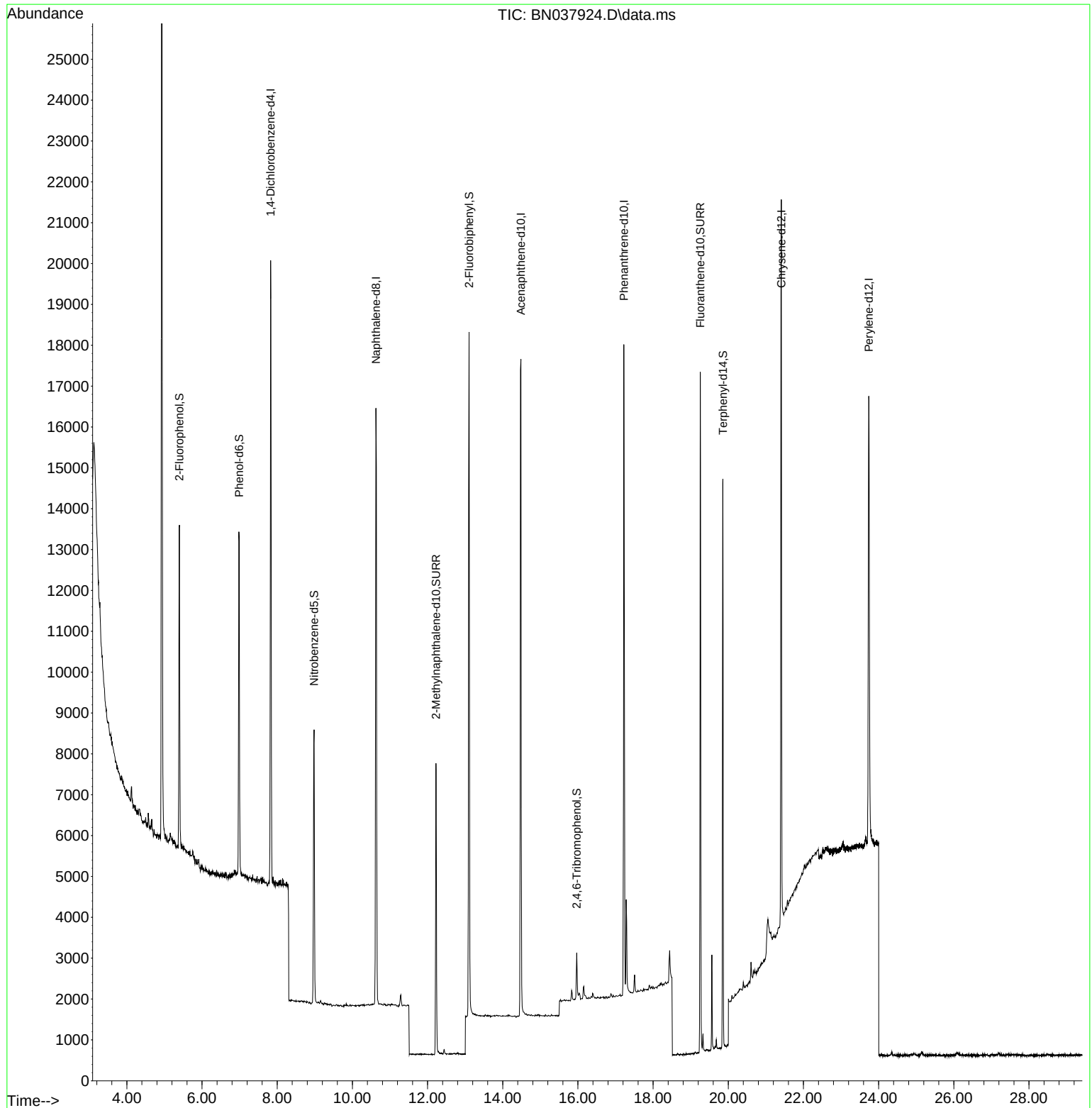
Target Compounds Qvalue

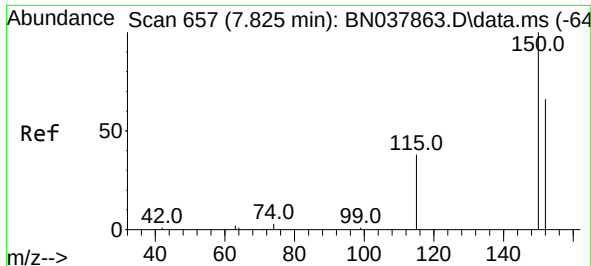
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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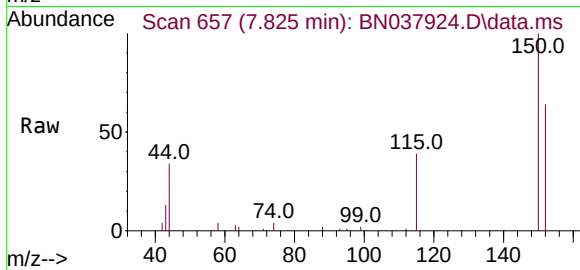
Quant Time: Sep 26 14:46:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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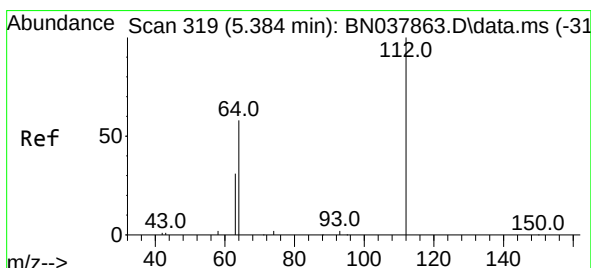
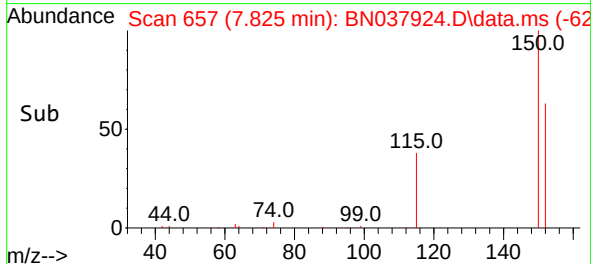
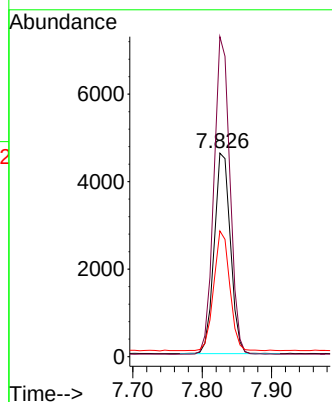


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN037924.D
Acq: 26 Sep 2025 13:59

Instrument :
BNA_N
ClientSampleId :
PB169839BL

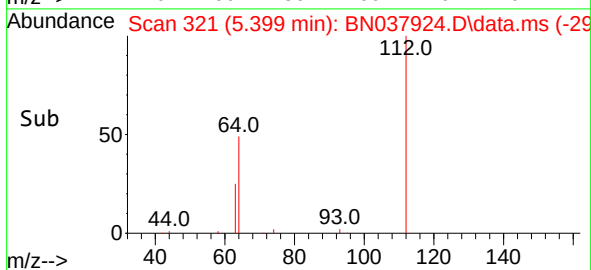
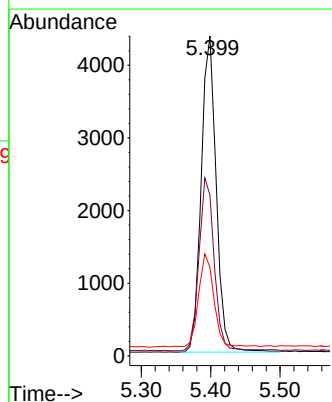
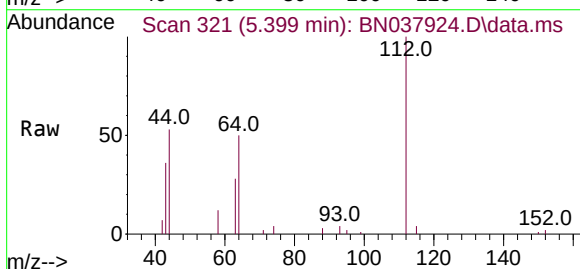


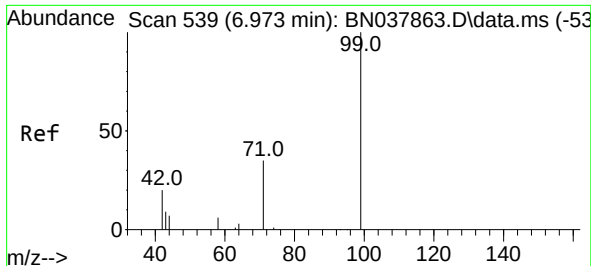
Tgt Ion:152 Resp: 7447
Ion Ratio Lower Upper
152 100
150 157.3 121.0 181.4
115 61.8 47.4 71.0



#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.014 min
Lab File: BN037924.D
Acq: 26 Sep 2025 13:59

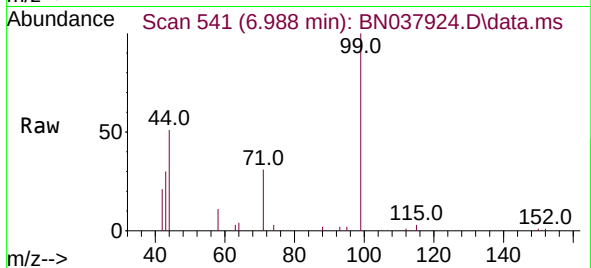
Tgt Ion:112 Resp: 6529
Ion Ratio Lower Upper
112 100
64 55.7 44.6 66.8
63 29.9 24.9 37.3



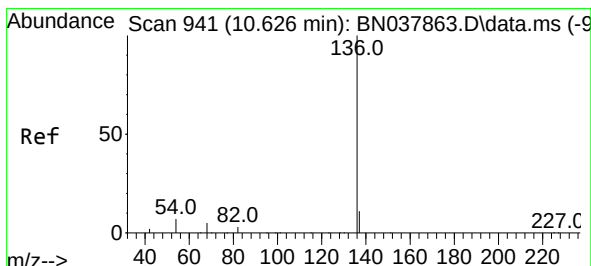
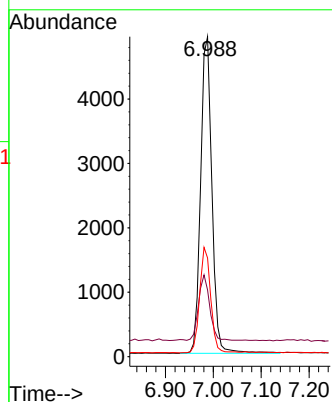
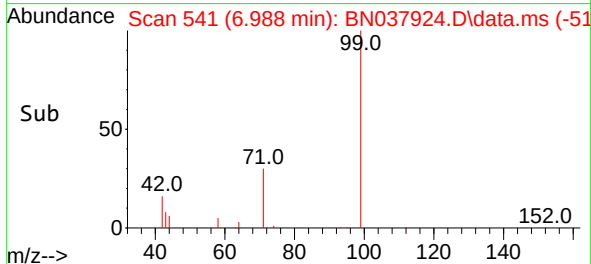


#5
Phenol-d6
Concen: 0.361 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.014 min
Lab File: BN037924.D
Acq: 26 Sep 2025 13:59

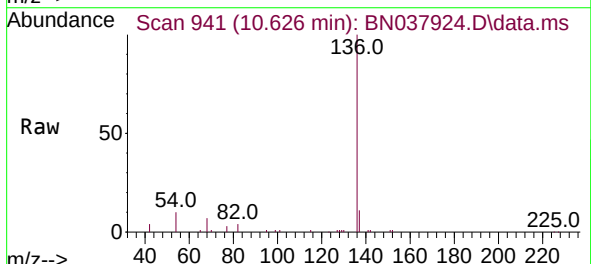
Instrument :
BNA_N
ClientSampleId :
PB169839BL



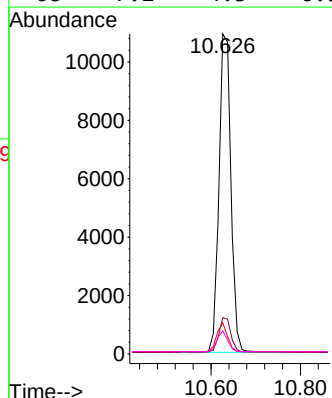
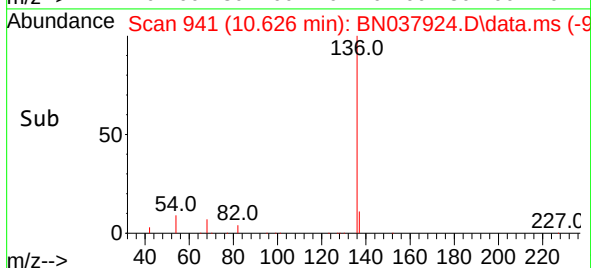
Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.2	25.8
71	32.5	27.3	40.9

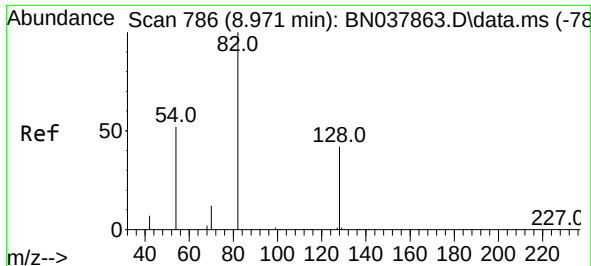


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN037924.D
Acq: 26 Sep 2025 13:59



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.8	5.8	8.8#
68	7.2	4.3	6.5#

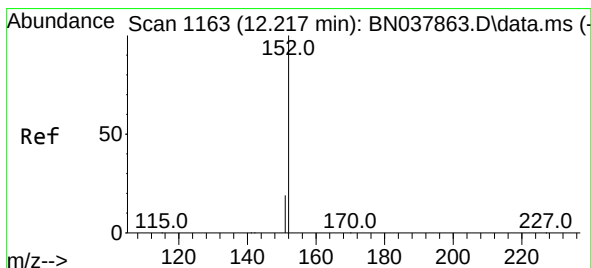
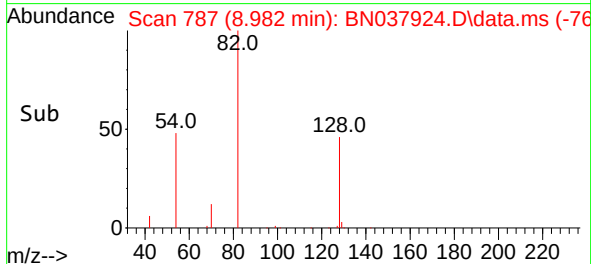
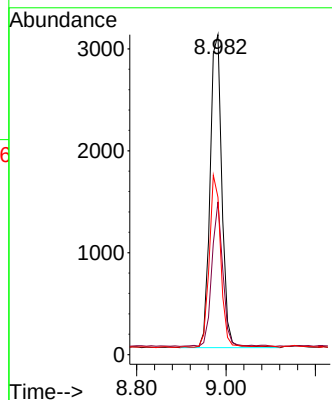
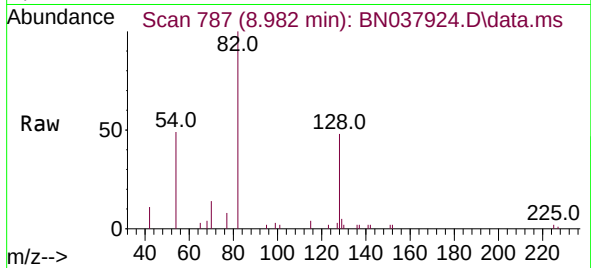




#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.982 min Scan# 786
Delta R.T. 0.011 min
Lab File: BN037924.D
Acq: 26 Sep 2025 13:59

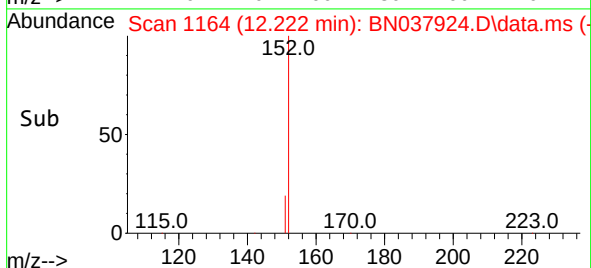
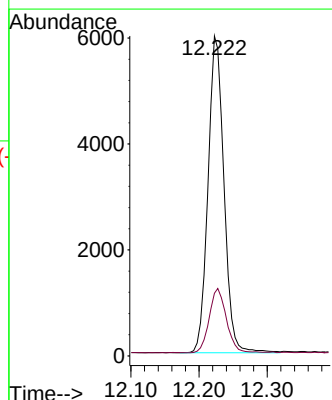
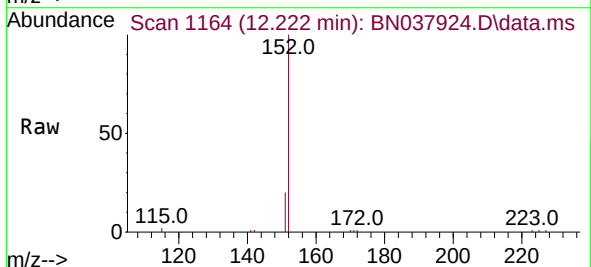
Instrument :
BNA_N
ClientSampleId :
PB169839BL

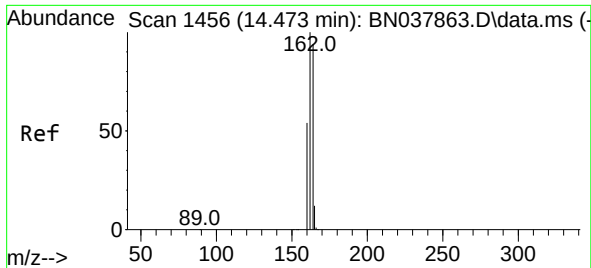
Tgt Ion: 82 Resp: 5671
Ion Ratio Lower Upper
82 100
128 47.7 34.8 52.2
54 49.2 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.222 min Scan# 1164
Delta R.T. 0.005 min
Lab File: BN037924.D
Acq: 26 Sep 2025 13:59

Tgt Ion: 152 Resp: 9724
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2

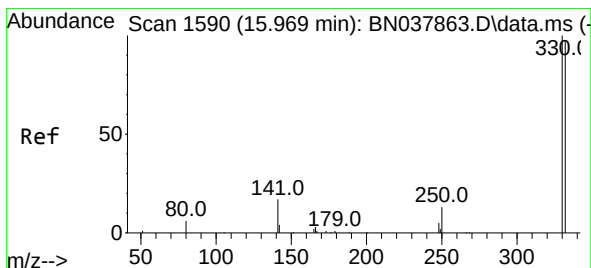
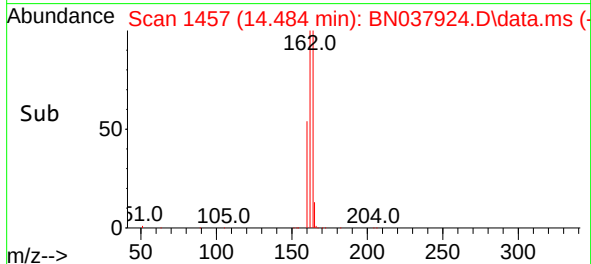
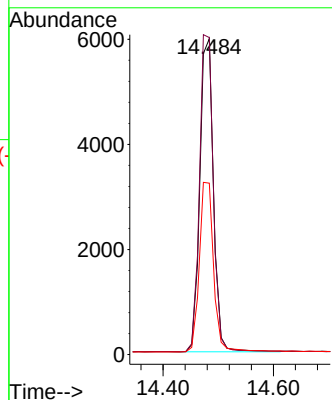
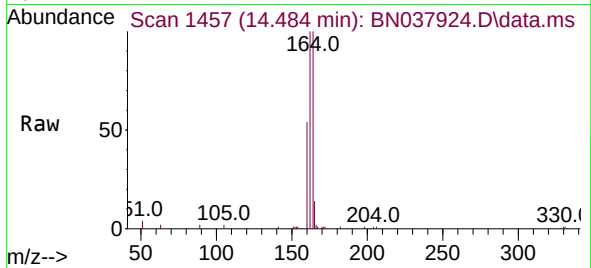




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1456
 Delta R.T. 0.011 min
 Lab File: BN037924.D
 Acq: 26 Sep 2025 13:59

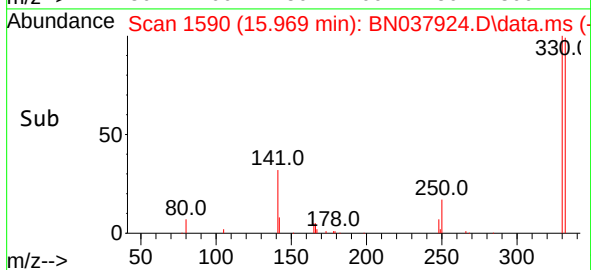
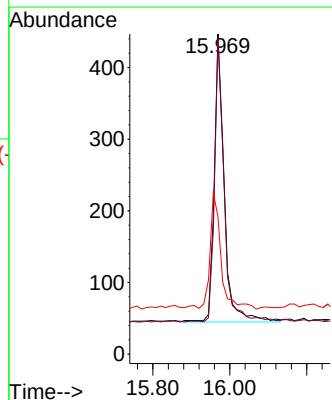
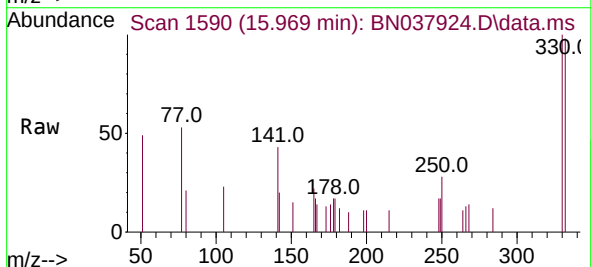
Instrument :
 BNA_N
 ClientSampleId :
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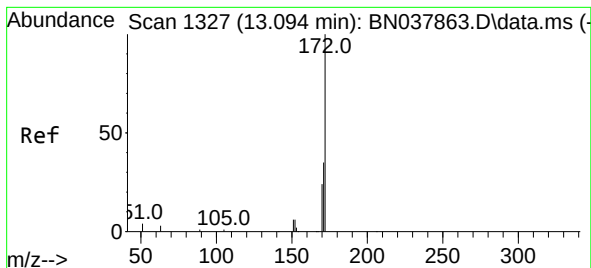
Tgt Ion:164 Resp: 10190
 Ion Ratio Lower Upper
 164 100
 162 100.4 84.8 127.2
 160 54.3 46.1 69.1



#14
 2,4,6-Tribromophenol
 Concen: 0.189 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. 0.000 min
 Lab File: BN037924.D
 Acq: 26 Sep 2025 13:59

Tgt Ion:330 Resp: 732
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.2 115.8
 141 44.5 37.2 55.8





#15

2-Fluorobiphenyl

Concen: 0.367 ng

RT: 13.105 min Scan# 1328

Delta R.T. 0.011 min

Lab File: BN037924.D

Acq: 26 Sep 2025 13:59

Instrument :

BNA_N

ClientSampleId :

PB169839BL

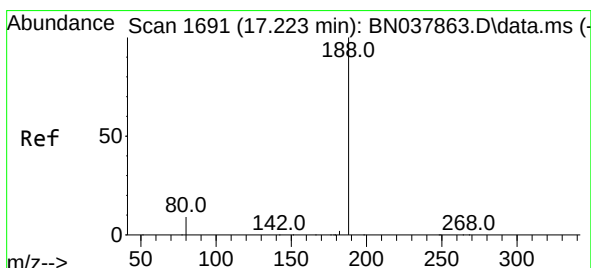
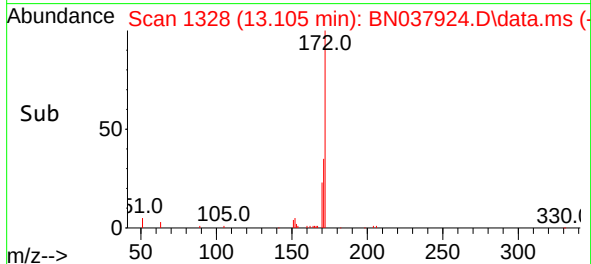
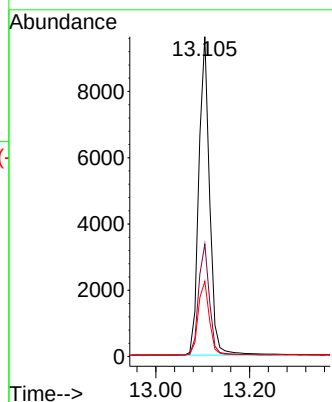
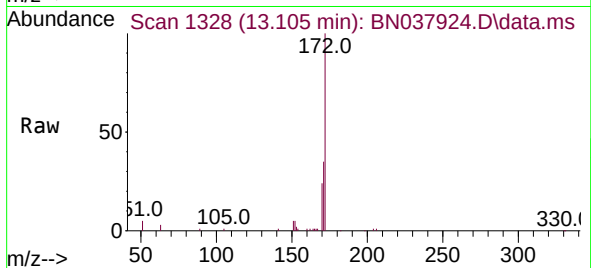
Tgt Ion:172 Resp: 15317

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.5 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: BN037924.D

Acq: 26 Sep 2025 13:59

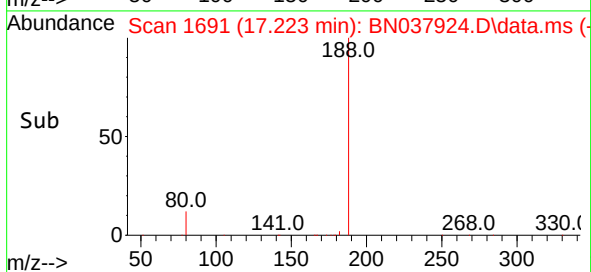
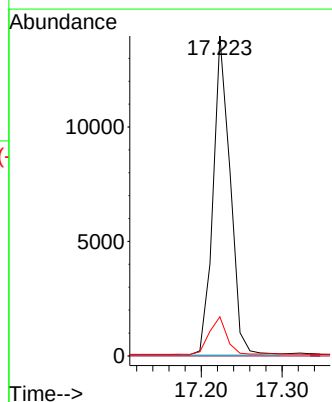
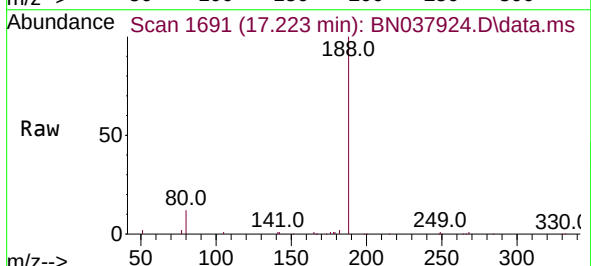
Tgt Ion:188 Resp: 20445

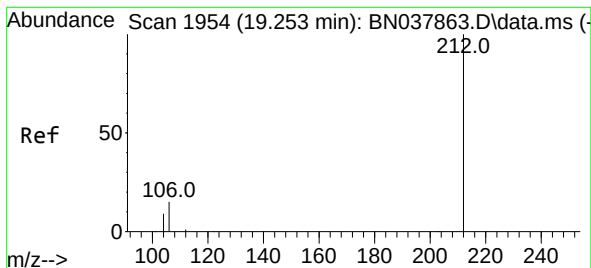
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 7.6 11.4#





#27

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.257 min Scan# 1955

Delta R.T. 0.005 min

Lab File: BN037924.D

Acq: 26 Sep 2025 13:59

Instrument :

BNA_N

ClientSampleId :

PB169839BL

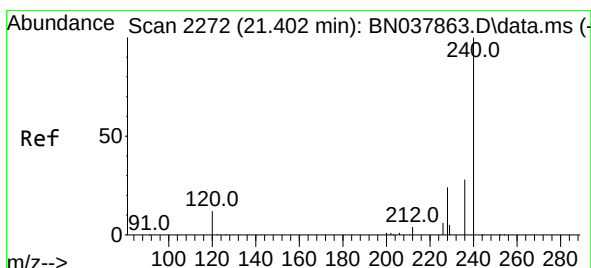
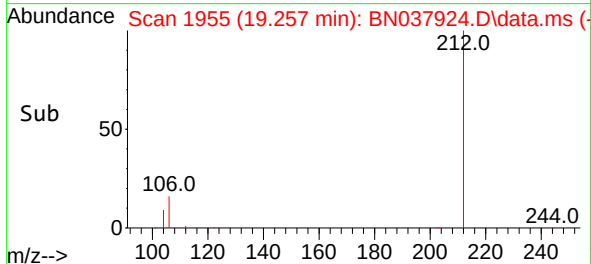
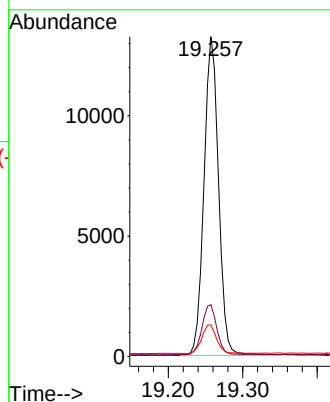
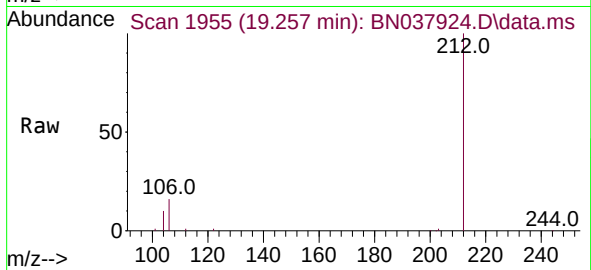
Tgt Ion:212 Resp: 17986

Ion Ratio Lower Upper

212 100

106 15.8 12.6 19.0

104 9.2 7.4 11.0



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.411 min Scan# 2273

Delta R.T. 0.009 min

Lab File: BN037924.D

Acq: 26 Sep 2025 13:59

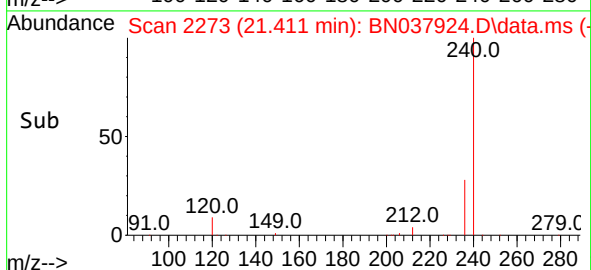
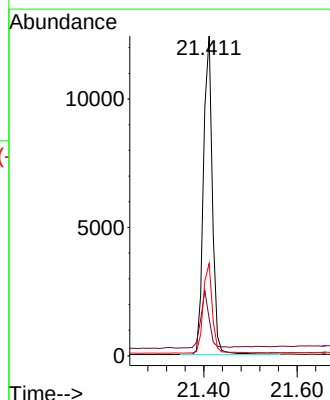
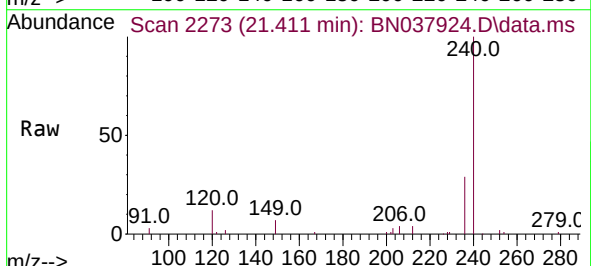
Tgt Ion:240 Resp: 16373

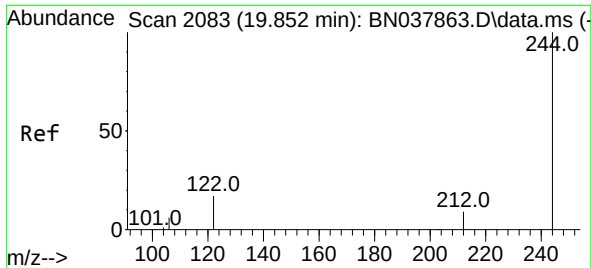
Ion Ratio Lower Upper

240 100

120 11.6 11.4 17.2

236 28.9 23.0 34.6

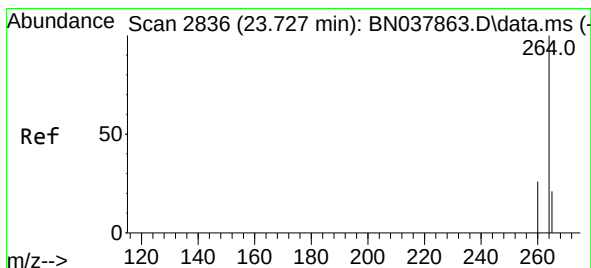
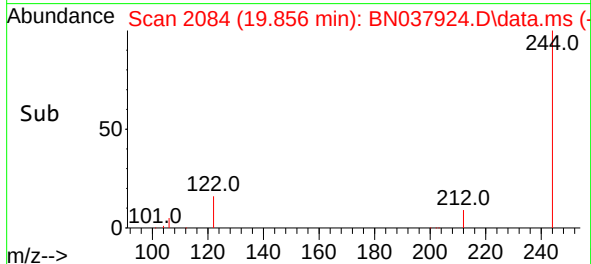
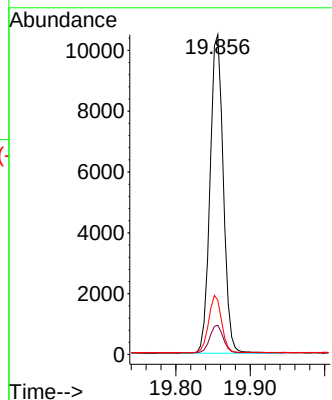
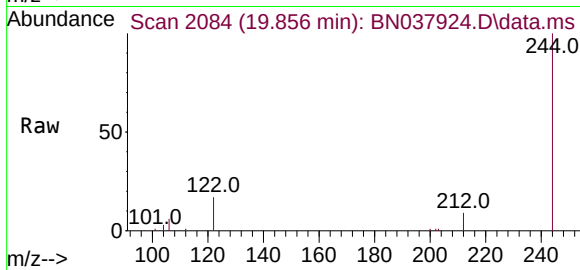




#31
Terphenyl-d14
Concen: 0.397 ng
RT: 19.856 min Scan# 2084
Delta R.T. 0.005 min
Lab File: BN037924.D
Acq: 26 Sep 2025 13:59

Instrument :
BNA_N
ClientSampleId :
PB169839BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.6	11.4
122	17.0	13.9	20.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.739 min Scan# 2840
Delta R.T. 0.012 min
Lab File: BN037924.D
Acq: 26 Sep 2025 13:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.5	32.3
265	71.2	53.8	80.6

