

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037944.D
 Acq On : 30 Sep 2025 12:53
 Operator : RC/JU
 Sample : PB169886BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169886BL

Quant Time: Sep 30 13:29:09 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)

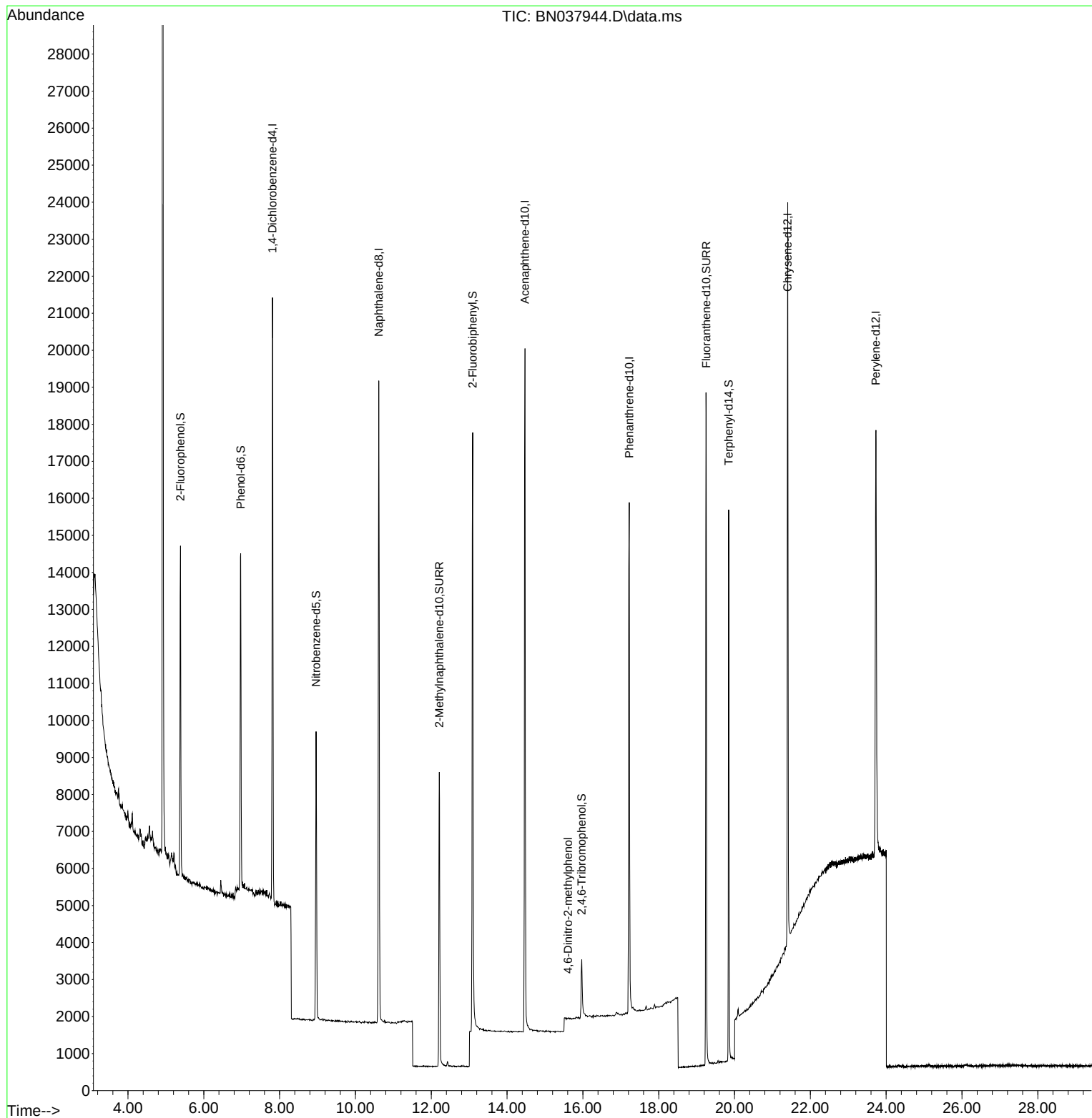
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	8089	0.400	ng	-0.01
7) Naphthalene-d8	10.615	136	22649	0.400	ng	-0.01
13) Acenaphthene-d10	14.473	164	10971	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	22465	0.400	ng	0.00
29) Chrysene-d12	21.402	240	18173	0.400	ng	0.00
35) Perylene-d12	23.730	264	17070	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	7091	0.384	ng	0.00
5) Phenol-d6	6.973	99	9017	0.372	ng	0.00
8) Nitrobenzene-d5	8.961	82	6184	0.358	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	11206	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1256	0.302	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	16387	0.365	ng	0.00
27) Fluoranthene-d10	19.252	212	20653	0.365	ng	0.00
31) Terphenyl-d14	19.847	244	14518	0.401	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.609	198	7	0.070	ng	# 1

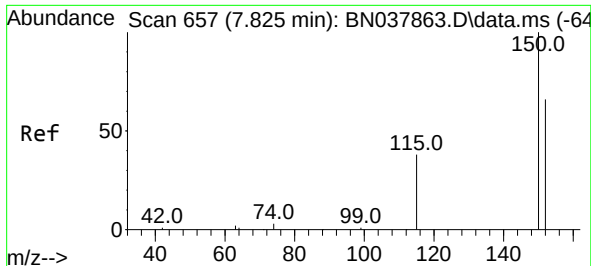
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
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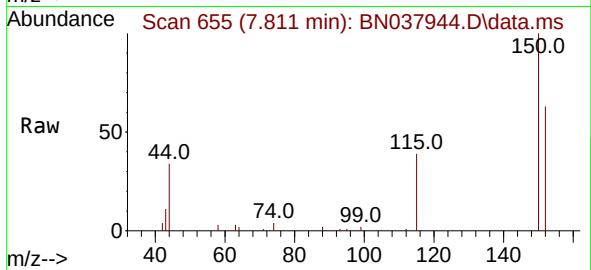
Quant Time: Sep 30 13:29:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



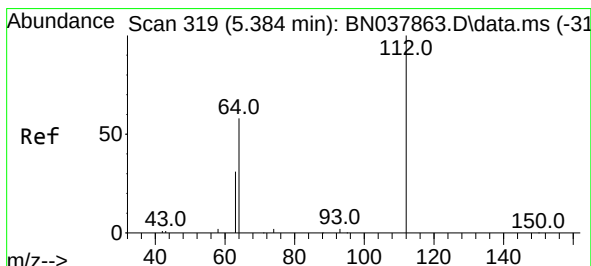
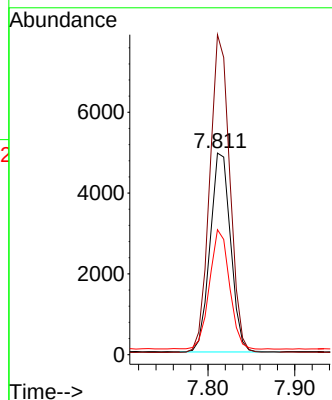
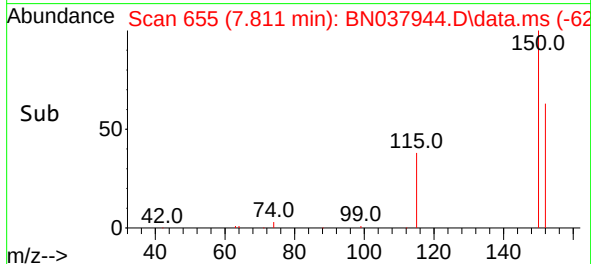


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

Instrument :
BNA_N
ClientSampleId :
PB169886BL

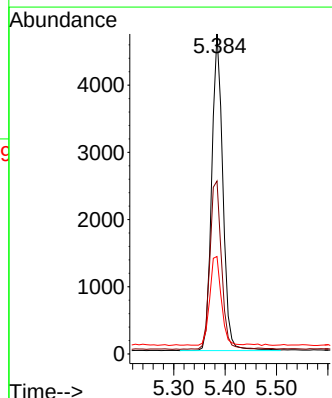
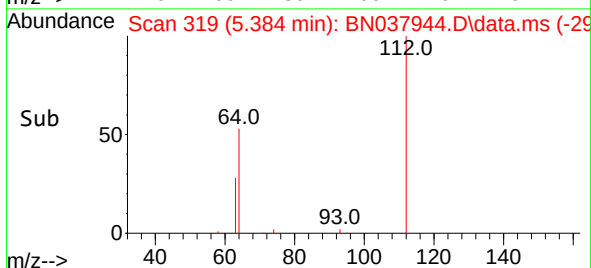
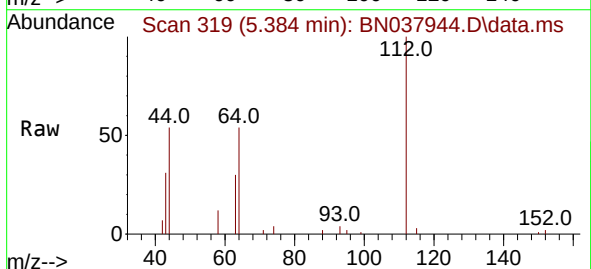


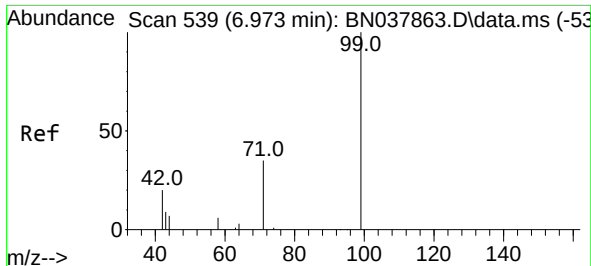
Tgt Ion:152 Resp: 8089
Ion Ratio Lower Upper
152 100
150 158.7 121.0 181.4
115 62.0 47.4 71.0



#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

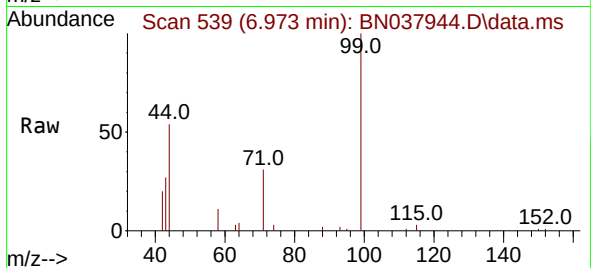
Tgt Ion:112 Resp: 7091
Ion Ratio Lower Upper
112 100
64 55.7 44.6 66.8
63 29.0 24.9 37.3



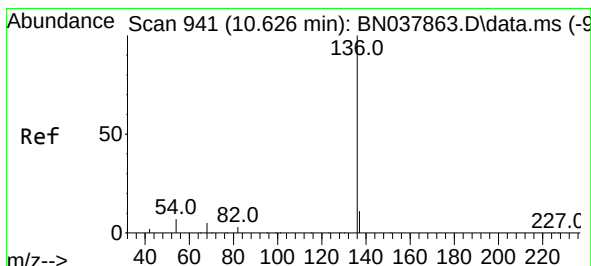
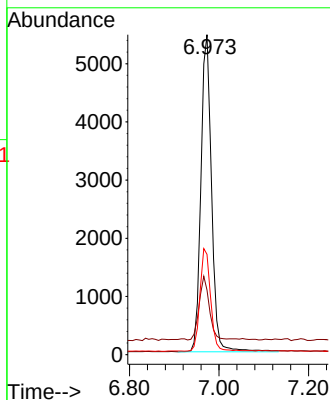
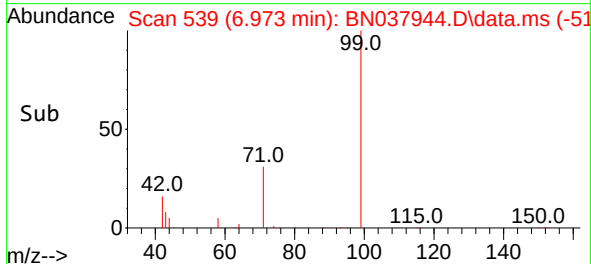


#5
Phenol-d6
Concen: 0.372 ng
RT: 6.973 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

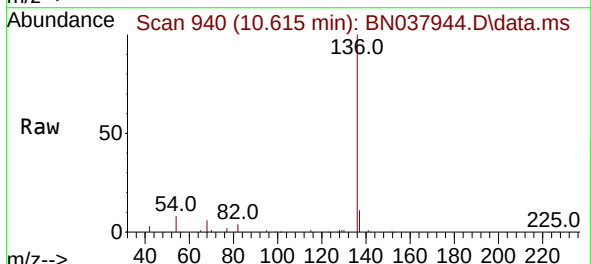
Instrument :
BNA_N
ClientSampleId :
PB169886BL



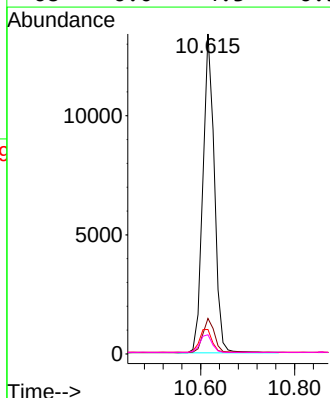
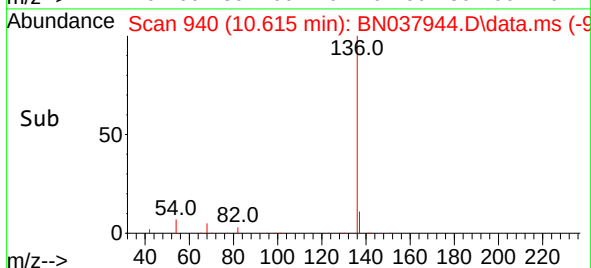
Tgt Ion:	99	Resp:	9017
Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.2	25.8
71	32.5	27.3	40.9

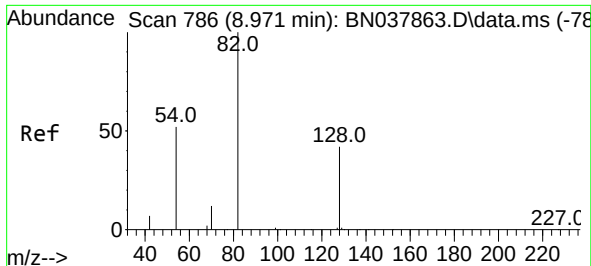


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53



Tgt Ion:	136	Resp:	22649
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.6	5.8	8.8
68	6.0	4.3	6.5

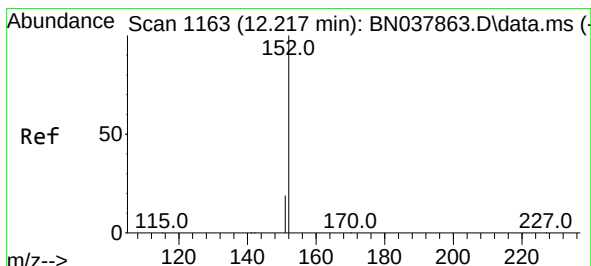
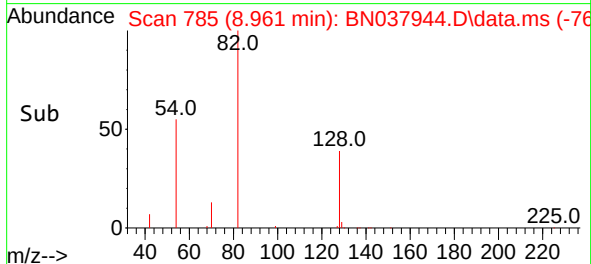
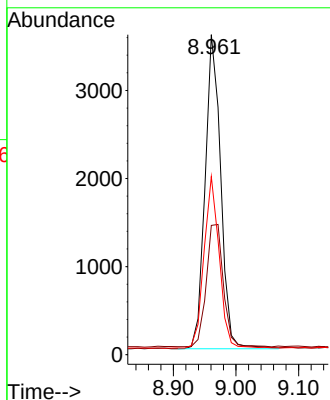
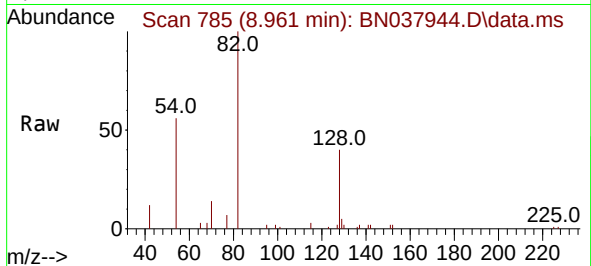




#8
 Nitrobenzene-d5
 Concen: 0.358 ng
 RT: 8.961 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037944.D
 Acq: 30 Sep 2025 12:53

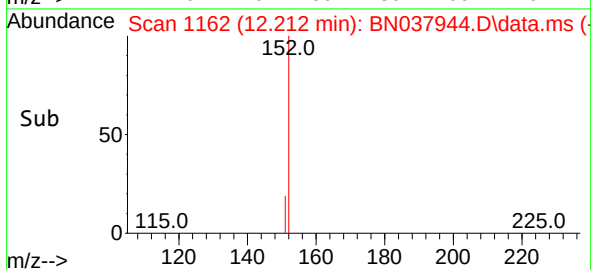
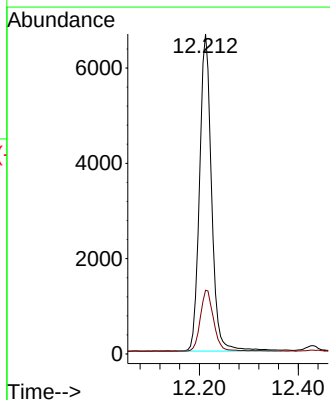
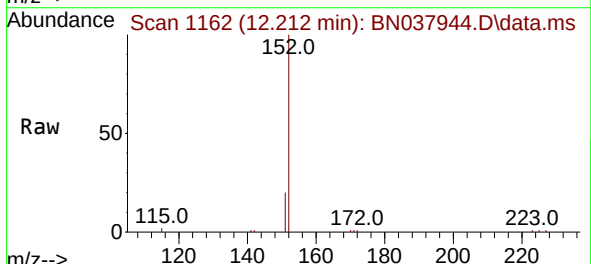
Instrument :
 BNA_N
 ClientSampleId :
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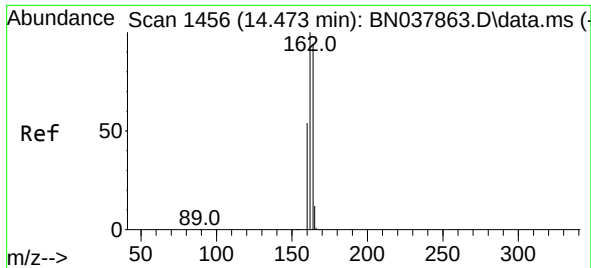
Tgt Ion: 82 Resp: 6184
 Ion Ratio Lower Upper
 82 100
 128 40.4 34.8 52.2
 54 55.7 42.2 63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.356 ng
 RT: 12.212 min Scan# 1162
 Delta R.T. -0.005 min
 Lab File: BN037944.D
 Acq: 30 Sep 2025 12:53

Tgt Ion: 152 Resp: 11206
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.4 26.2

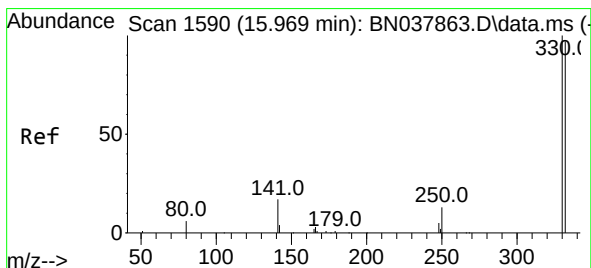
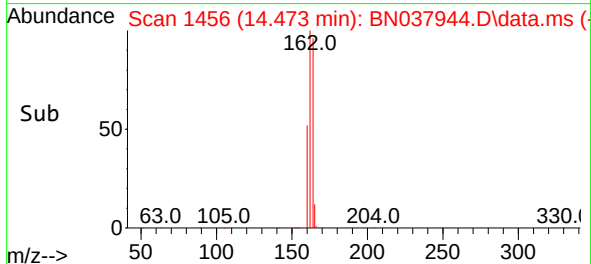
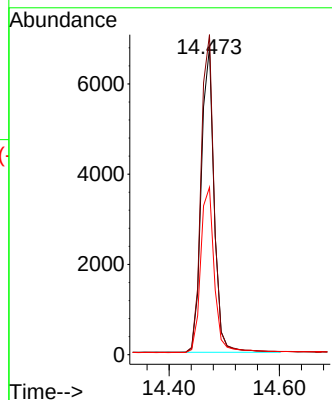
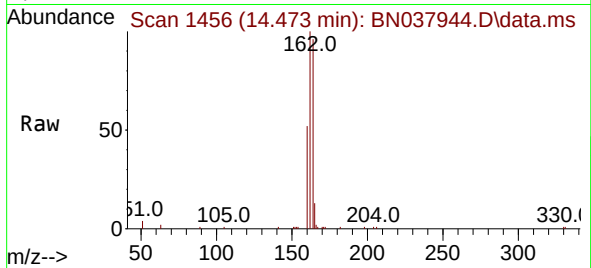




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

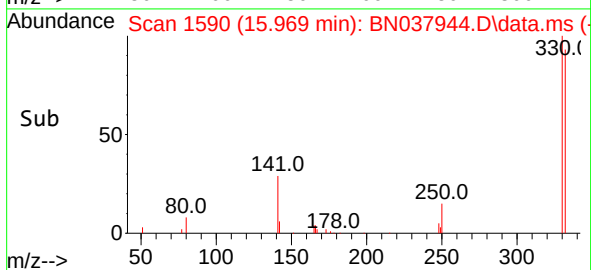
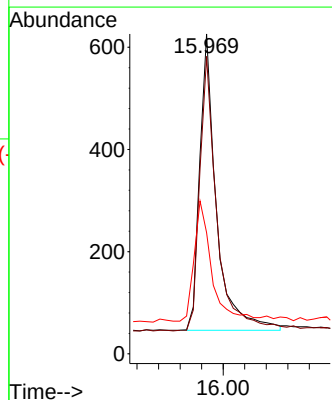
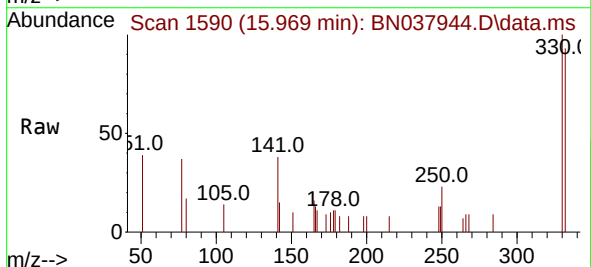
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BNA_N
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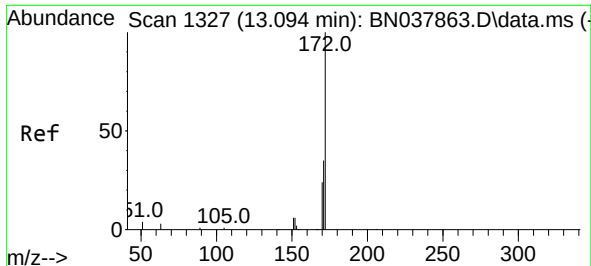
Tgt Ion:164 Resp: 10971
Ion Ratio Lower Upper
164 100
162 104.2 84.8 127.2
160 54.5 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

Tgt Ion:330 Resp: 1256
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 42.1 37.2 55.8

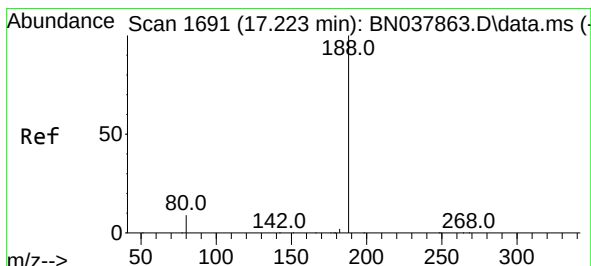
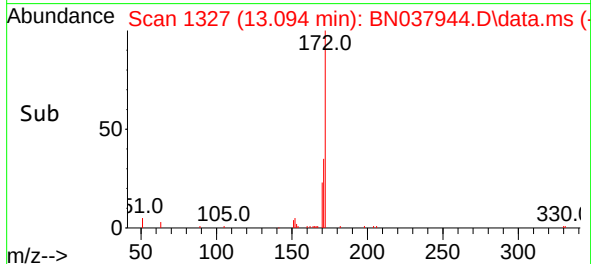
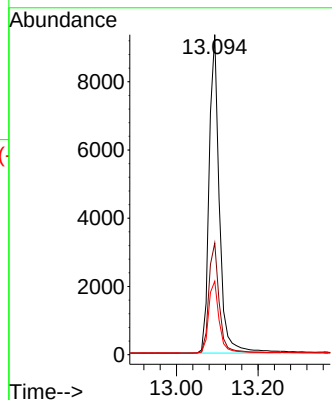
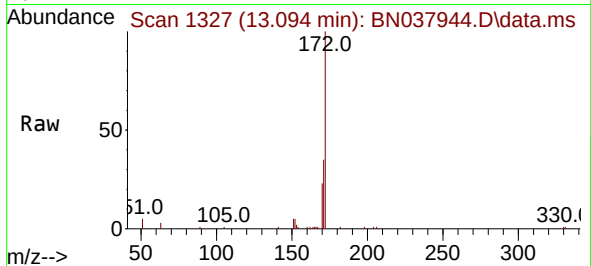




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.094 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

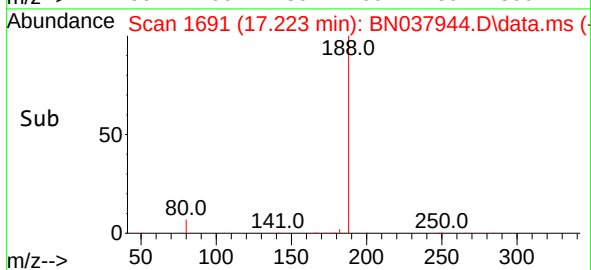
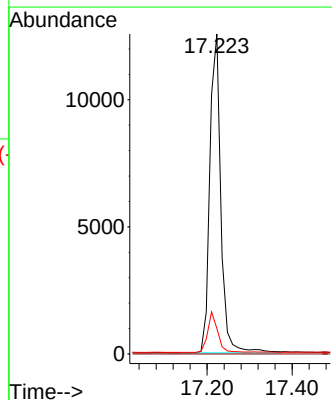
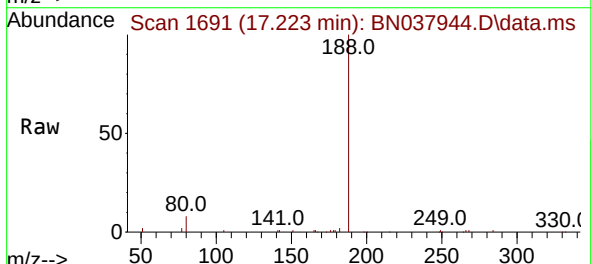
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ClientSampleId :
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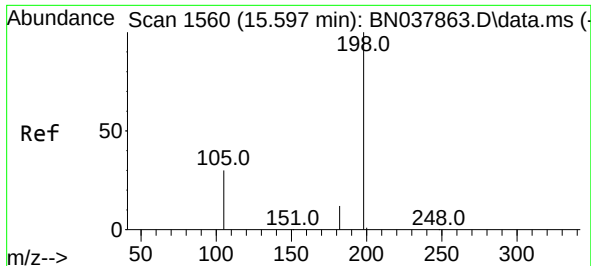
Tgt Ion:172 Resp: 16387
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.0 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

Tgt Ion:188 Resp: 22465
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.6 11.4

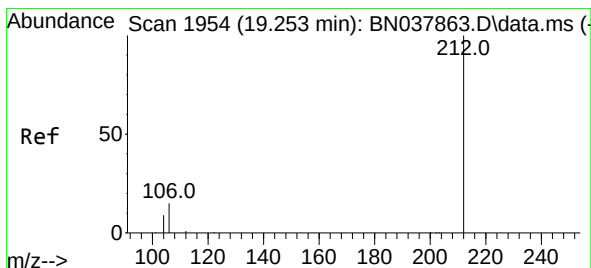
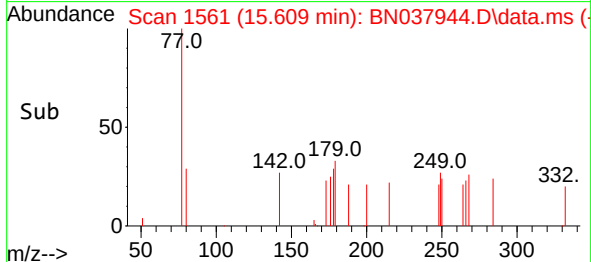
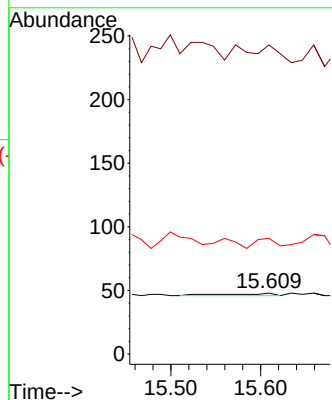
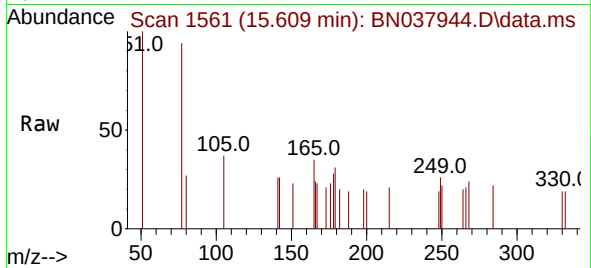




#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.609 min Scan# 1561
Delta R.T. 0.012 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

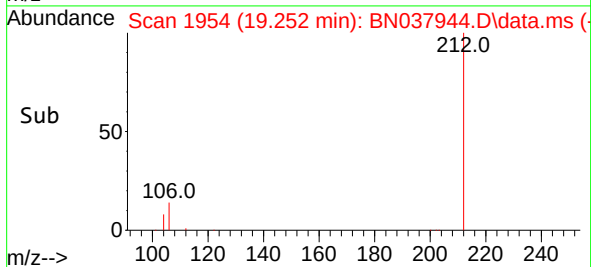
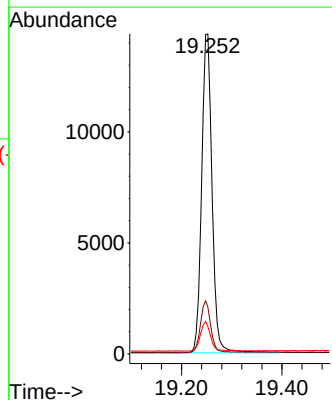
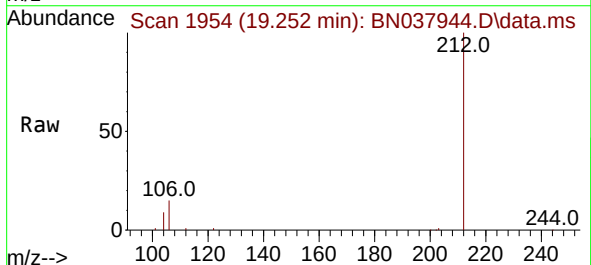
Instrument :
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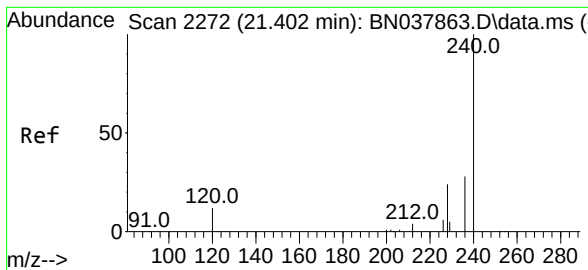
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 506.3 59.1 88.7#
105 189.6 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

Tgt Ion:212 Resp: 20653
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 9.0 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037944.D

Acq: 30 Sep 2025 12:53

Instrument :

BNA_N

ClientSampleId :

PB169886BL

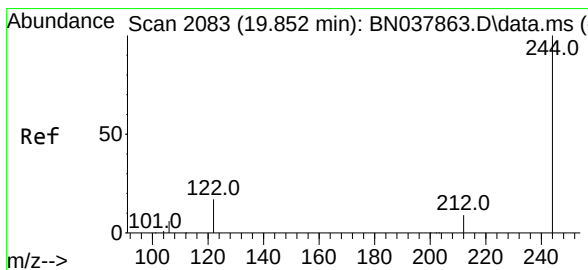
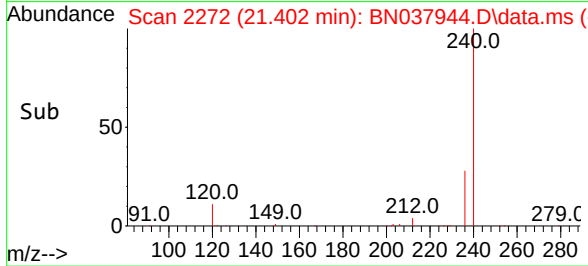
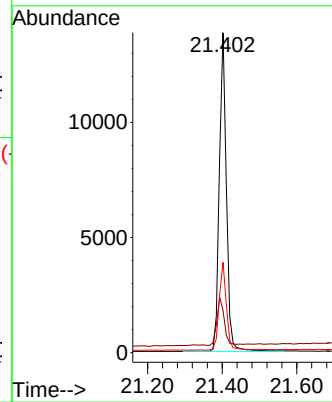
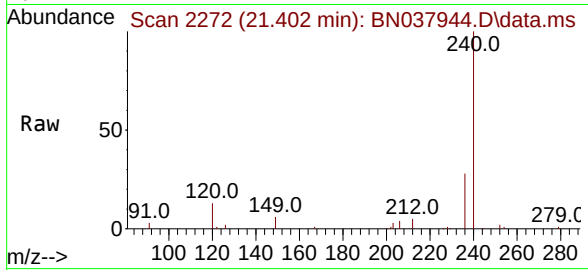
Tgt Ion:240 Resp: 18173

Ion Ratio Lower Upper

240 100

120 13.1 11.4 17.2

236 28.3 23.0 34.6



#31

Terphenyl-d14

Concen: 0.401 ng

RT: 19.847 min Scan# 2082

Delta R.T. -0.005 min

Lab File: BN037944.D

Acq: 30 Sep 2025 12:53

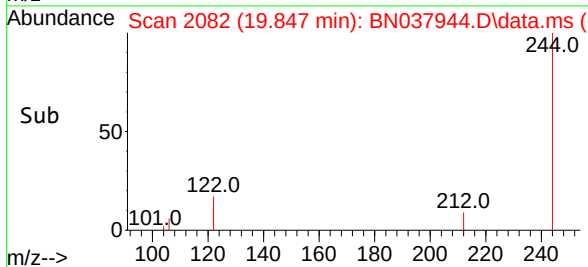
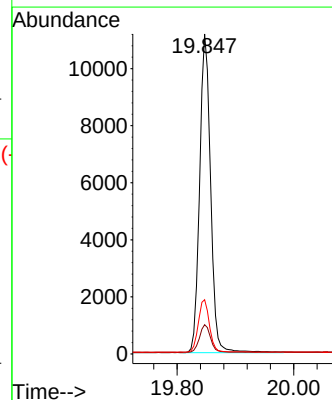
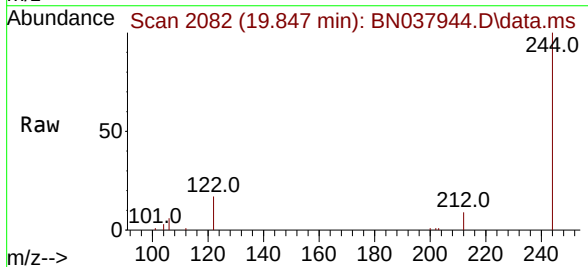
Tgt Ion:244 Resp: 14518

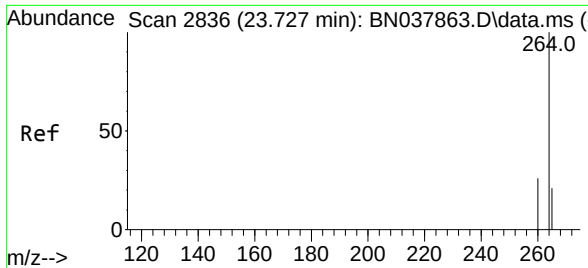
Ion Ratio Lower Upper

244 100

212 9.1 7.6 11.4

122 17.0 13.9 20.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.730 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN037944.D
 Acq: 30 Sep 2025 12:53

Instrument :
 BNA_N
 ClientSampleId :
 PB169886BL

Tgt Ion:	264	Resp:	17070
Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.5	32.3
265	74.5	53.8	80.6

