

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

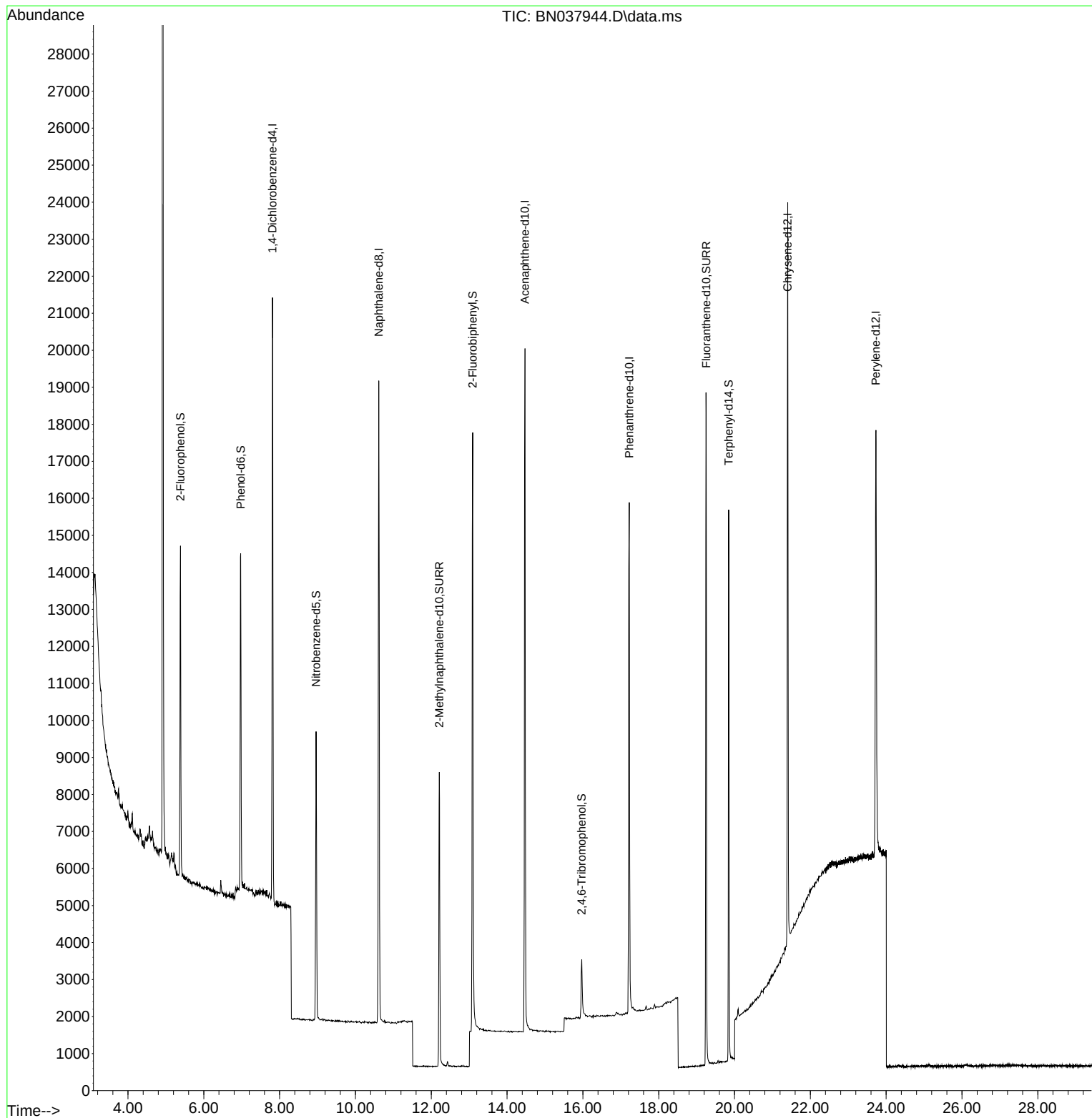
Target Compounds Qvalue

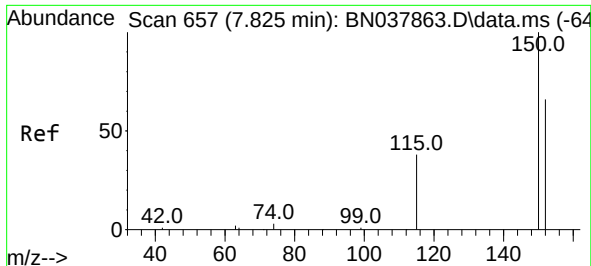
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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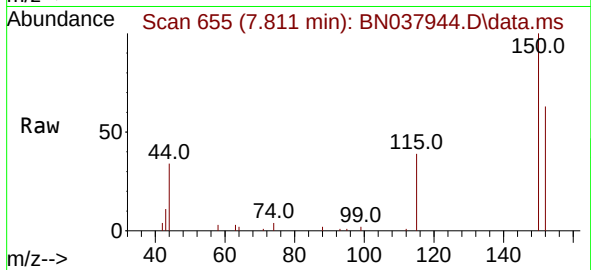
Quant Time: Sep 30 13:29:09 2025
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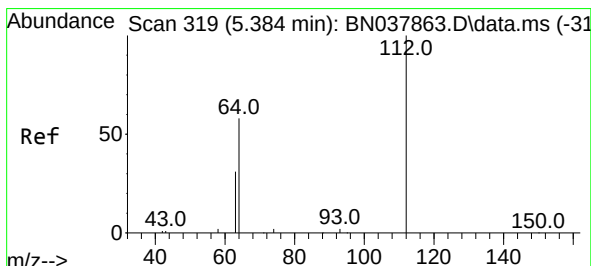
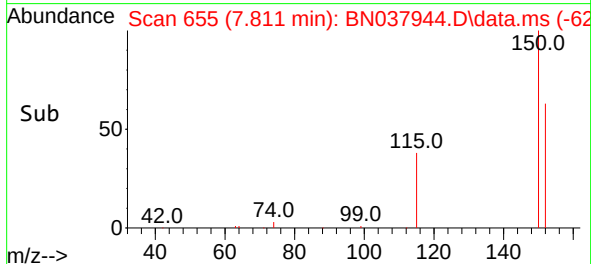
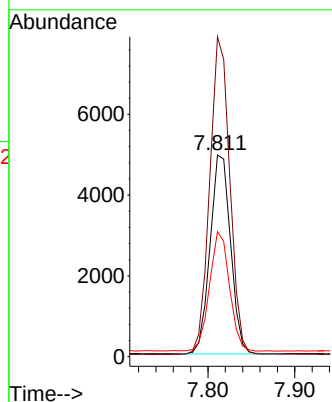
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037944.D
 Acq: 30 Sep 2025 12:53

Instrument :
 BNA_N
 ClientSampleId :
 PB169886BL



Tgt Ion:152 Resp: 8089

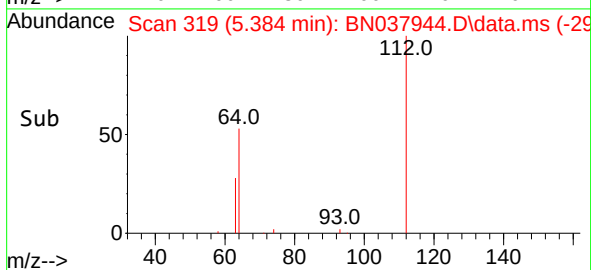
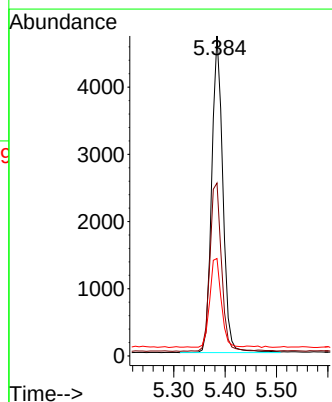
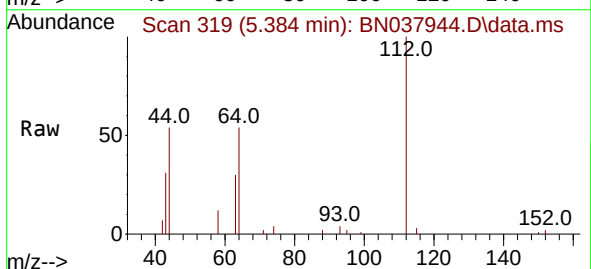
Ion	Ratio	Lower	Upper
152	100		
150	158.7	121.0	181.4
115	62.0	47.4	71.0

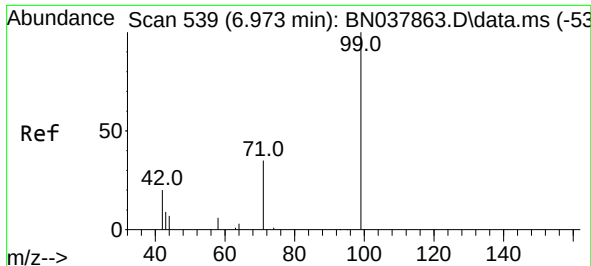


#4
 2-Fluorophenol
 Concen: 0.384 ng
 RT: 5.384 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: BN037944.D
 Acq: 30 Sep 2025 12:53

Tgt Ion:112 Resp: 7091

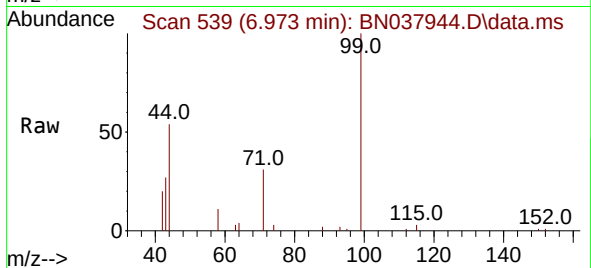
Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.6	66.8
63	29.0	24.9	37.3



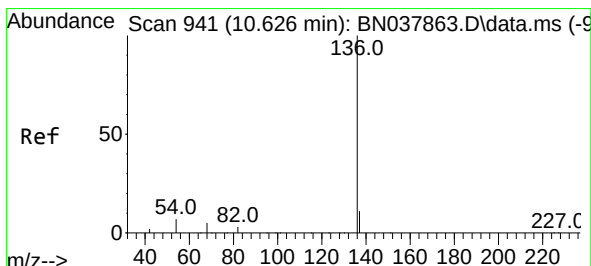
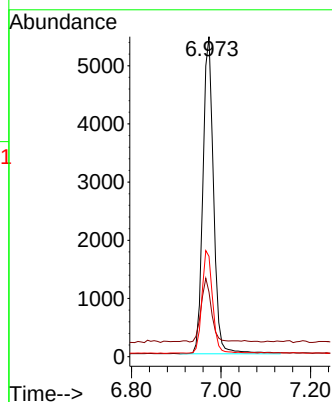
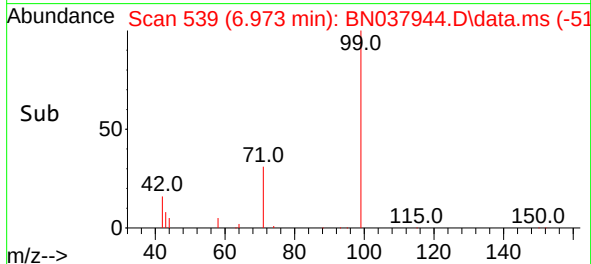


#5
Phenol-d6
Concen: 0.372 ng
RT: 6.973 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

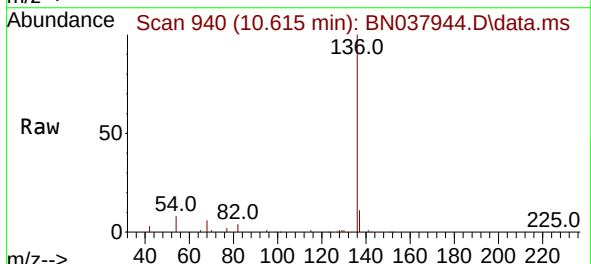
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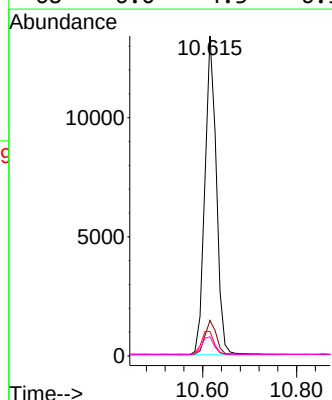
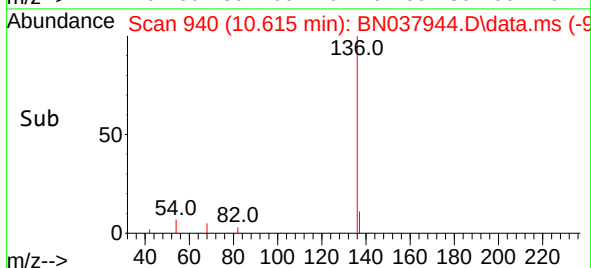
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.2	25.8
71	32.5	27.3	40.9

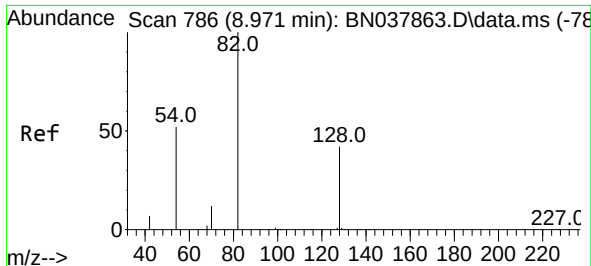


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53



Tgt Ion	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

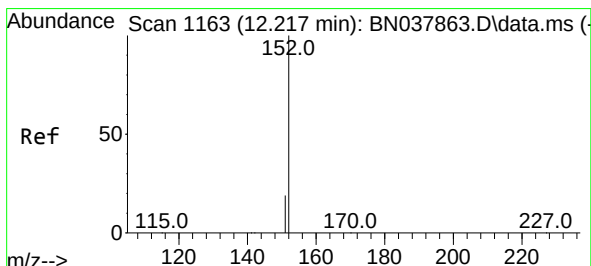
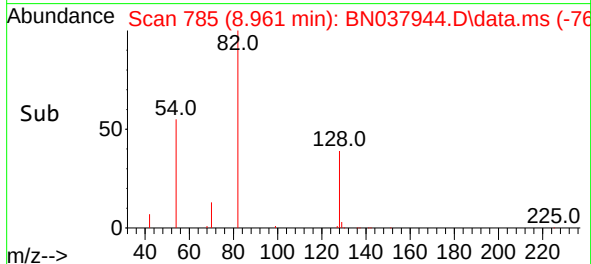
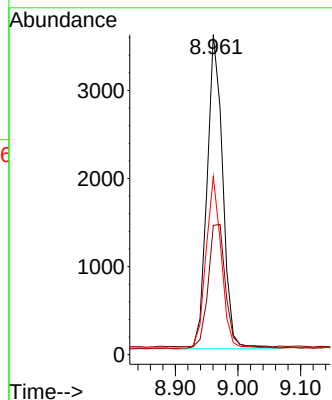
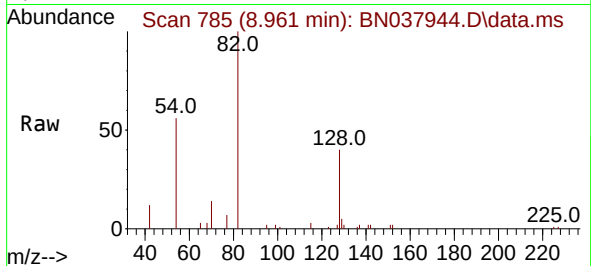




#8
 Nitrobenzene-d5
 Concen: 0.358 ng
 RT: 8.961 min Scan# 785
 Delta R.T. -0.011 min
 Lab File: BN037944.D
 Acq: 30 Sep 2025 12:53

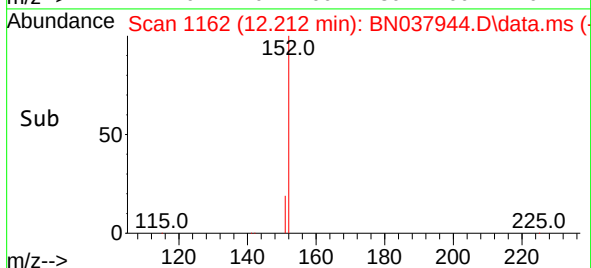
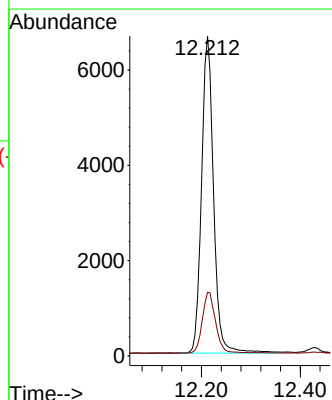
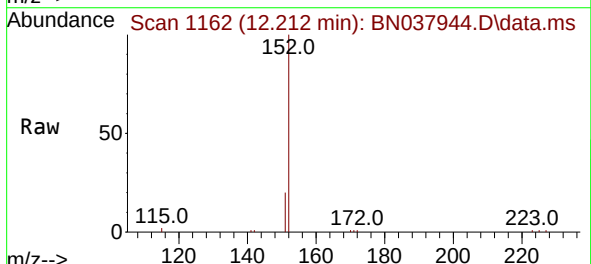
Instrument :
 BNA_N
 ClientSampleId :
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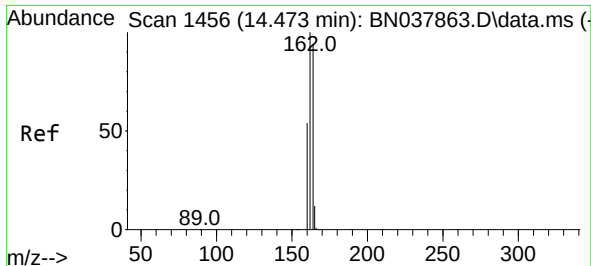
Tgt Ion: 82 Resp: 6184
 Ion Ratio Lower Upper
 82 100
 128 40.4 34.8 52.2
 54 55.7 42.2 63.2



#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

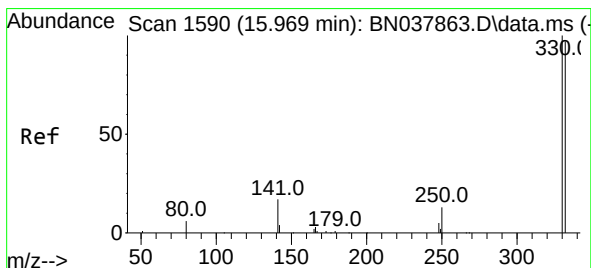
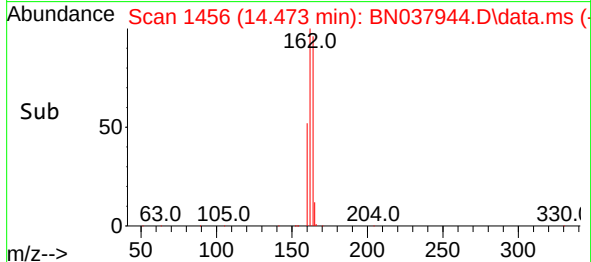
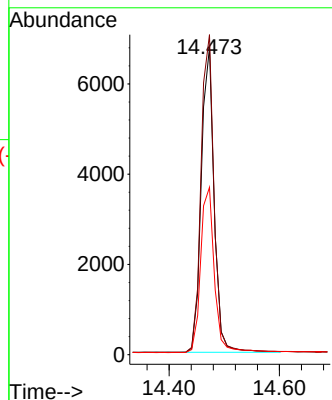
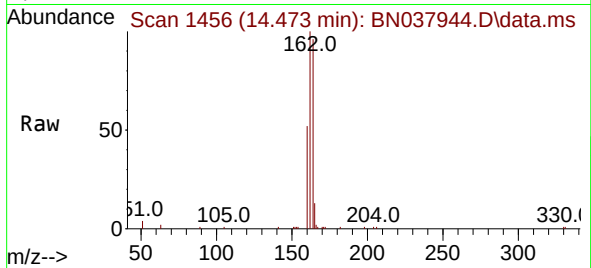




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

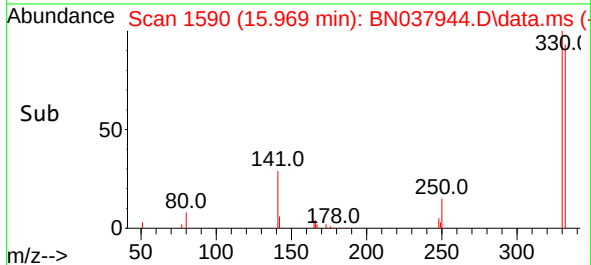
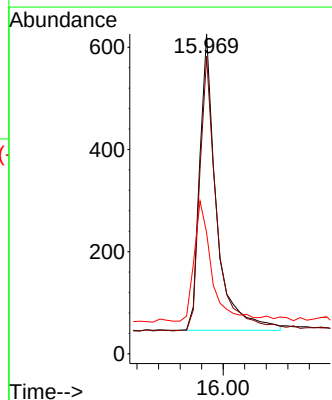
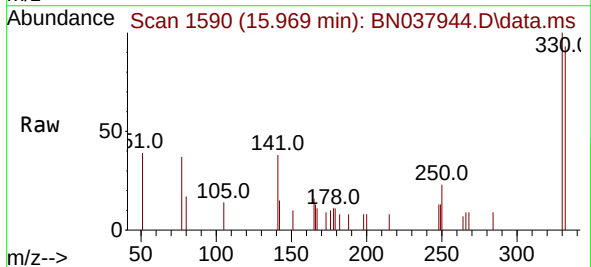
Instrument :
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ClientSampleId :
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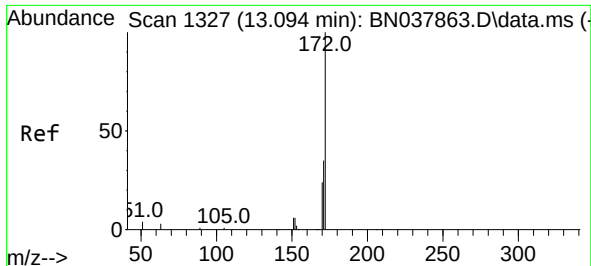
Tgt Ion:164 Resp: 10971
Ion Ratio Lower Upper
164 100
162 104.2 84.8 127.2
160 54.5 46.1 69.1



#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

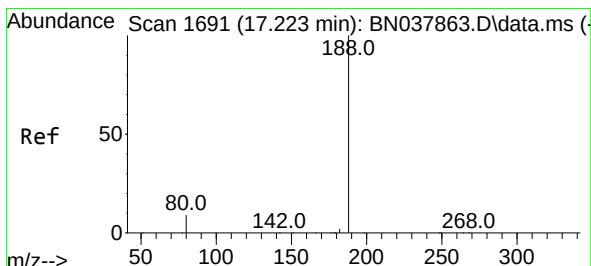
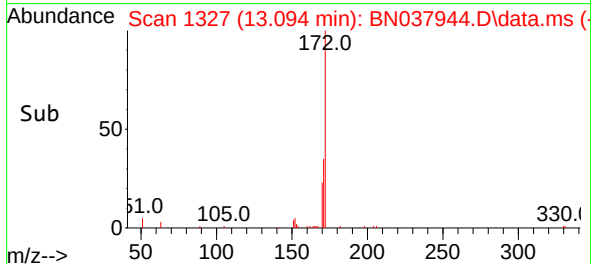
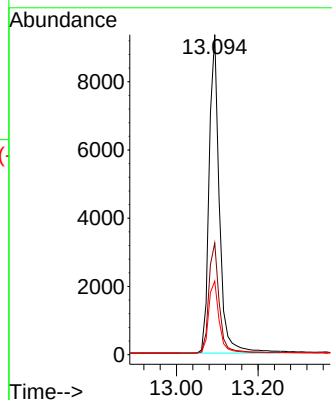
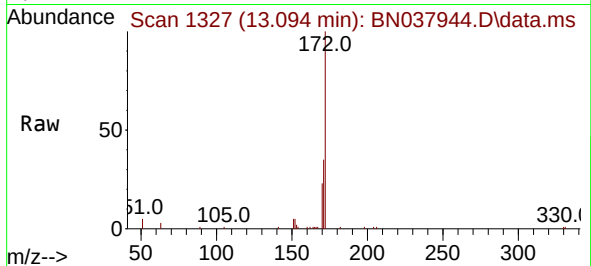




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

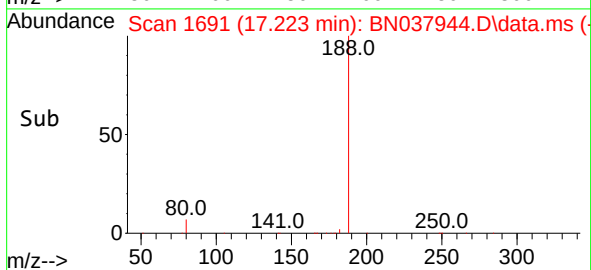
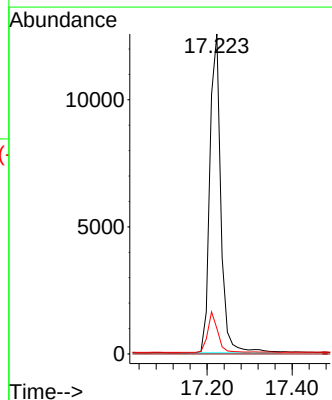
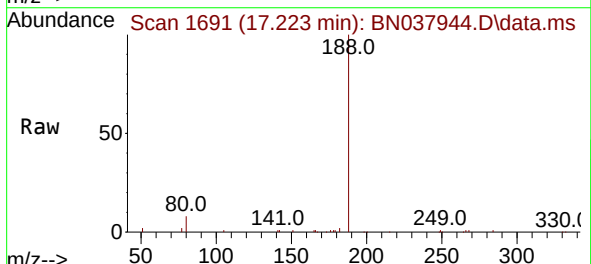
Instrument :
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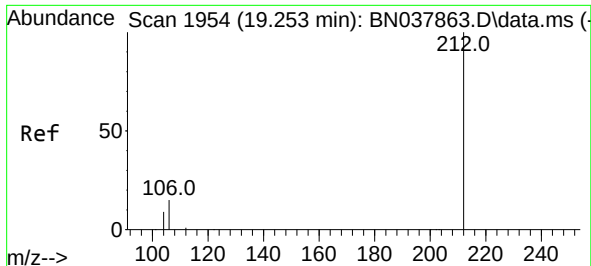
Tgt Ion:172 Resp: 16387
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.0 19.7 29.5



#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

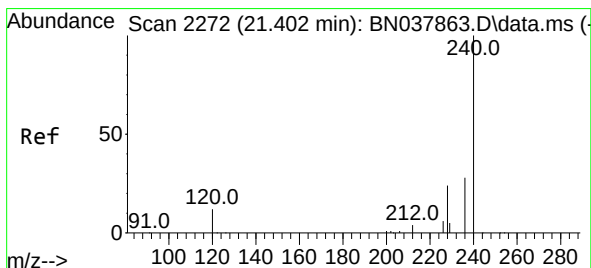
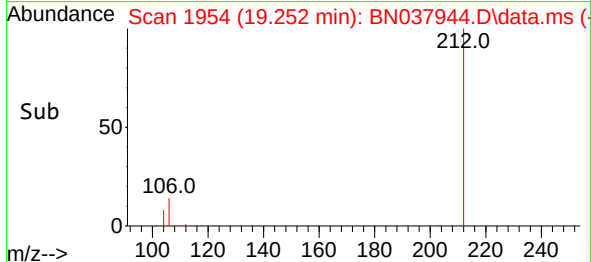
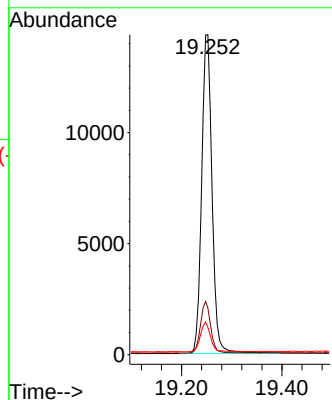
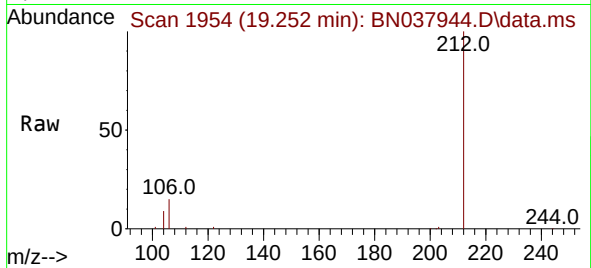




#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

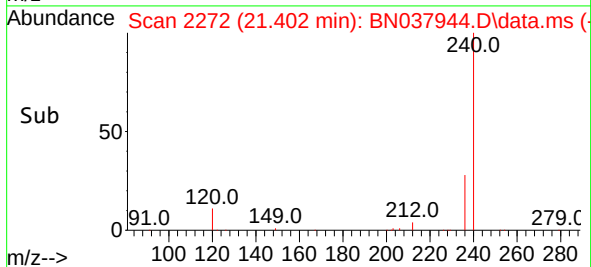
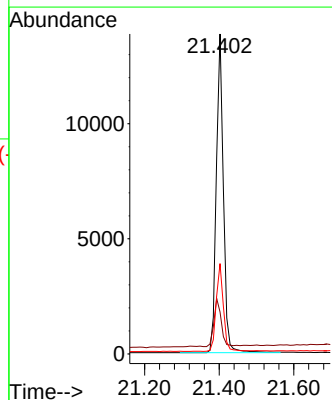
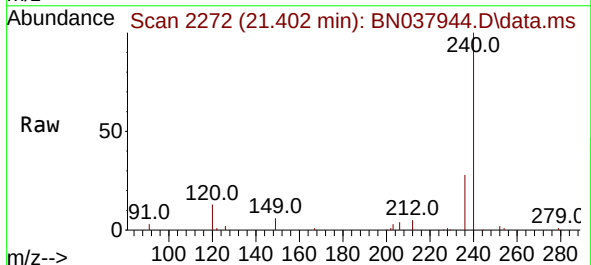
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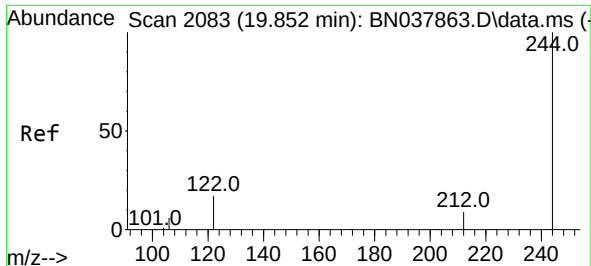
Tgt Ion:212 Resp: 20653
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 9.0 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037944.D
Acq: 30 Sep 2025 12:53

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

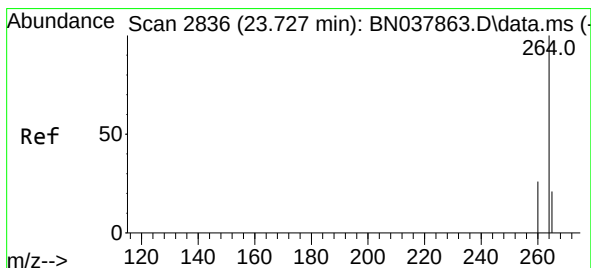
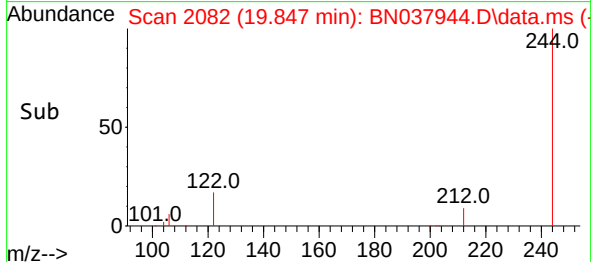
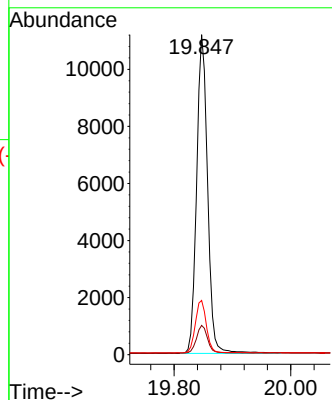
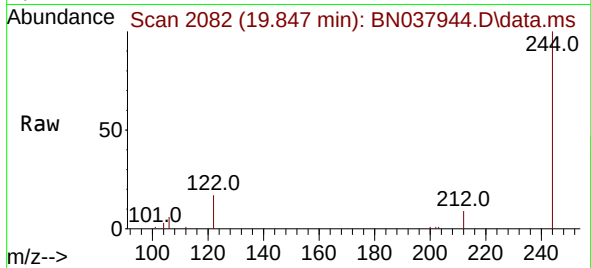




#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.847 min Scan# 2082
 Delta R.T. -0.005 min
 Lab File: BN037944.D
 Acq: 30 Sep 2025 12:53

Instrument :
 BNA_N
 ClientSampleId :
 PB169886BL

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# 2837
 Delta R.T. 0.003 min
 Lab File: BN037944.D
 Acq: 30 Sep 2025 12:53

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

