

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037814.D
 Acq On : 19 Sep 2025 14:55
 Operator : RC/JU
 Sample : PB169743BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169743BL

Quant Time: Sep 19 15:29:18 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	6482	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	16438	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	6467	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	10304	0.400	ng	0.00
29) Chrysene-d12	21.411	240	8985	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	8996	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	4207	0.283	ng	0.00
5) Phenol-d6	6.980	99	5449	0.282	ng	0.00
8) Nitrobenzene-d5	8.982	82	4351	0.362	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	6832	0.314	ng	-0.02
14) 2,4,6-Tribromophenol	15.982	330	497	0.295	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	9980	0.369	ng	-0.01
27) Fluoranthene-d10	19.262	212	8345	0.323	ng	0.00
31) Terphenyl-d14	19.861	244	5708	0.313	ng	0.00

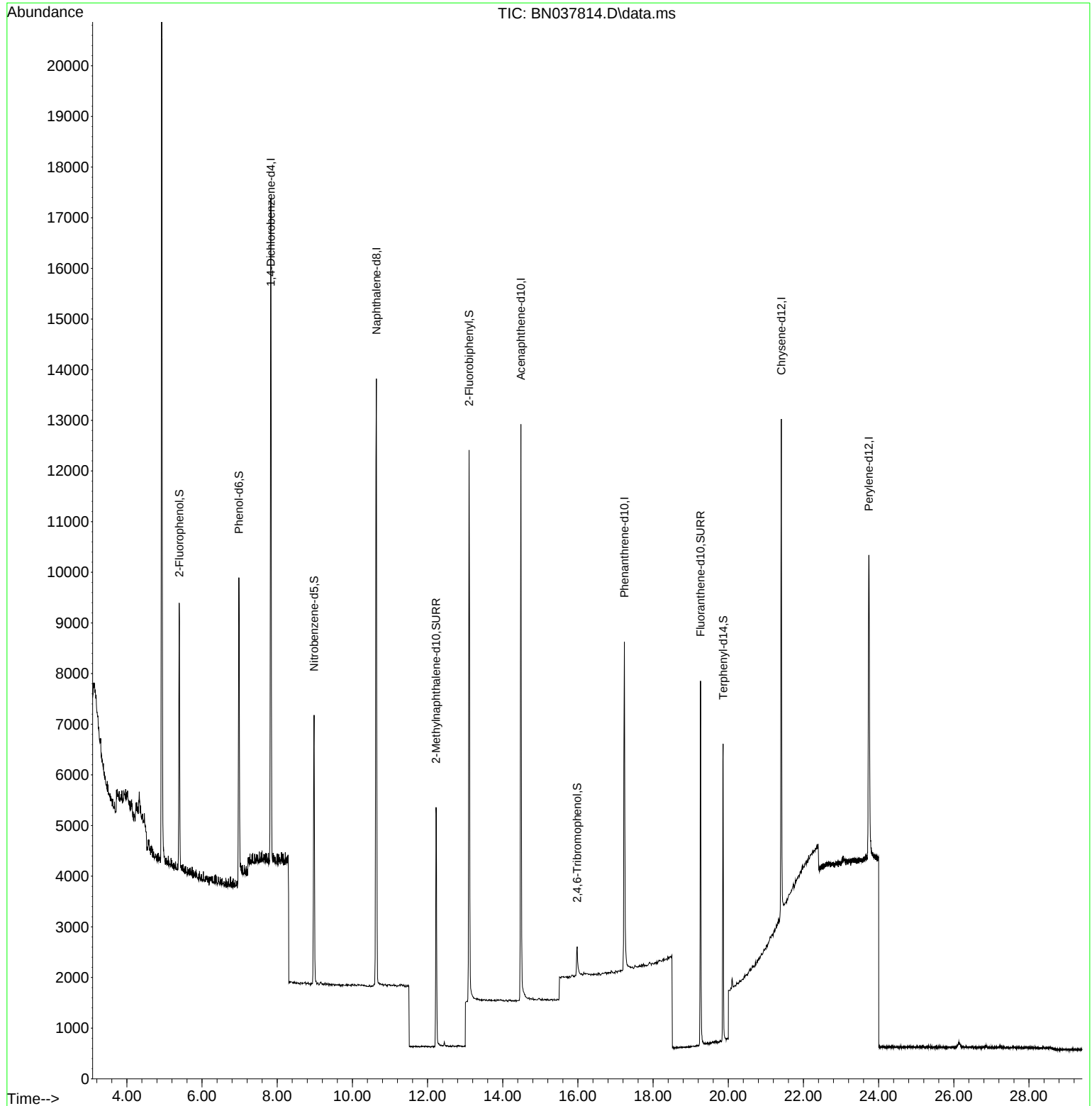
Target Compounds Qvalue

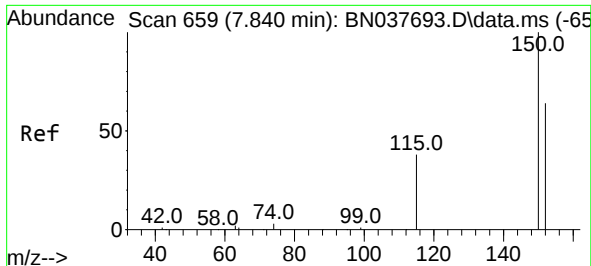
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

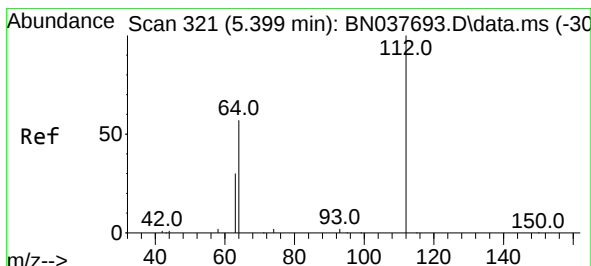
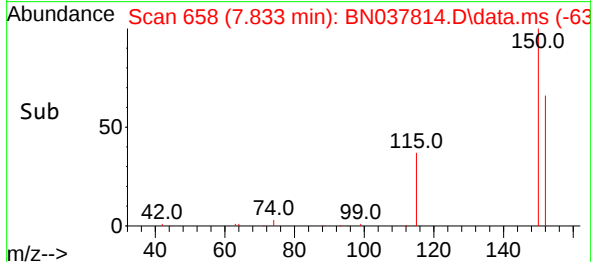
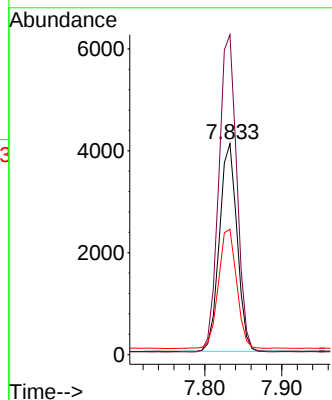
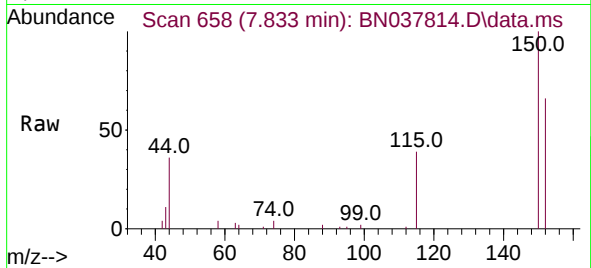




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037814.D
 Acq: 19 Sep 2025 14:55

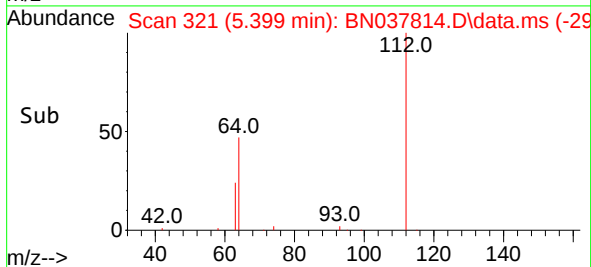
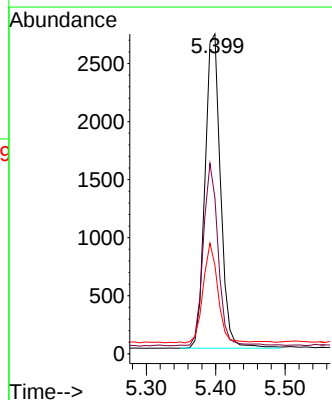
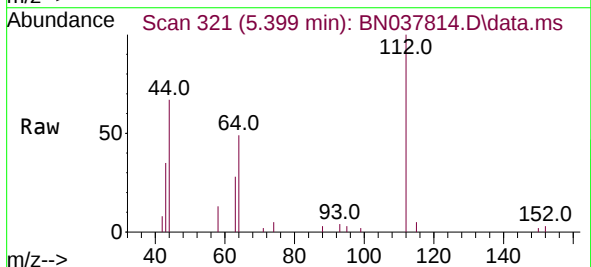
Instrument :
 BNA_N
 ClientSampleId :
 PB169743BL

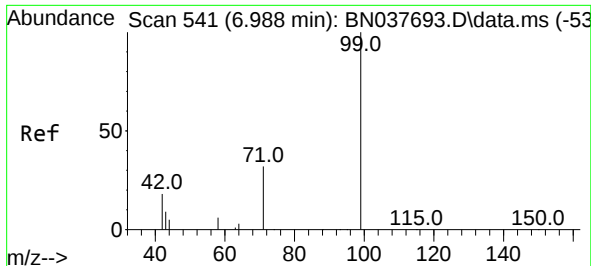
Tgt Ion:152 Resp: 6482
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.5 186.7
 115 59.4 49.2 73.8



#4
 2-Fluorophenol
 Concen: 0.283 ng
 RT: 5.399 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: BN037814.D
 Acq: 19 Sep 2025 14:55

Tgt Ion:112 Resp: 4207
 Ion Ratio Lower Upper
 112 100
 64 55.7 44.9 67.3
 63 29.7 24.7 37.1

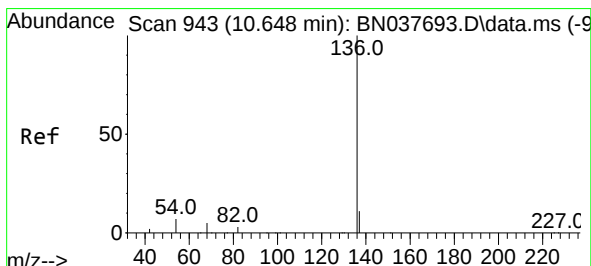
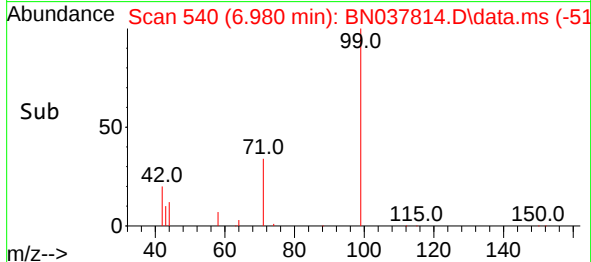
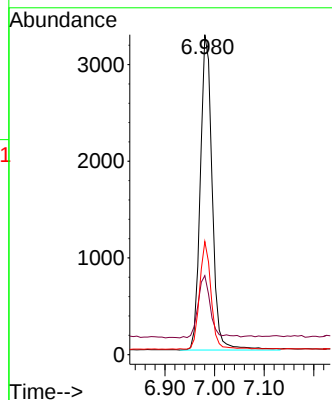
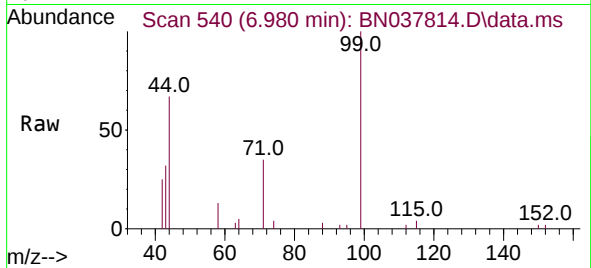




#5
Phenol-d6
Concen: 0.282 ng
RT: 6.980 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037814.D
Acq: 19 Sep 2025 14:55

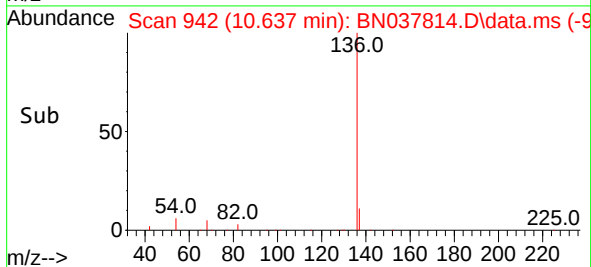
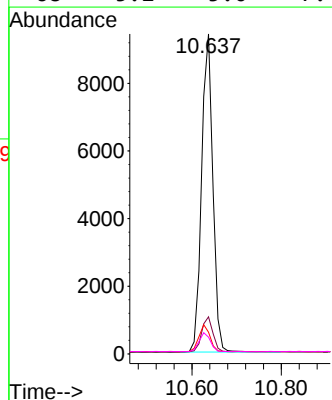
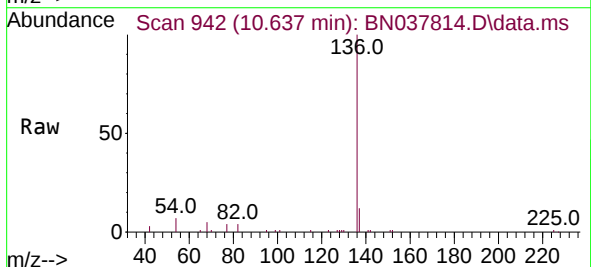
Instrument :
BNA_N
ClientSampleId :
PB169743BL

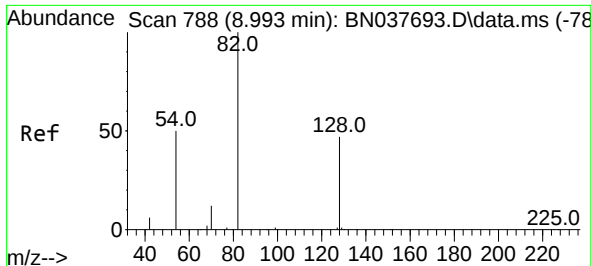
Tgt Ion: 99 Resp: 5449
Ion Ratio Lower Upper
99 100
42 20.9 16.6 24.8
71 33.2 26.7 40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037814.D
Acq: 19 Sep 2025 14:55

Tgt Ion: 136 Resp: 16438
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 6.8 6.3 9.5
68 5.2 5.0 7.4

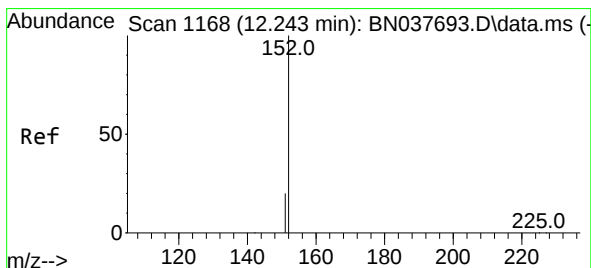
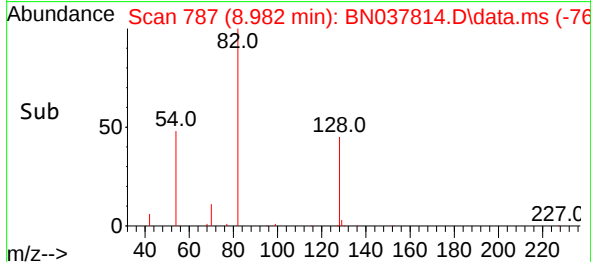
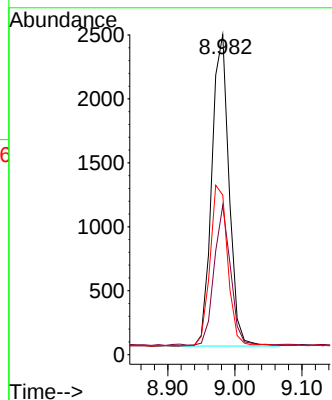
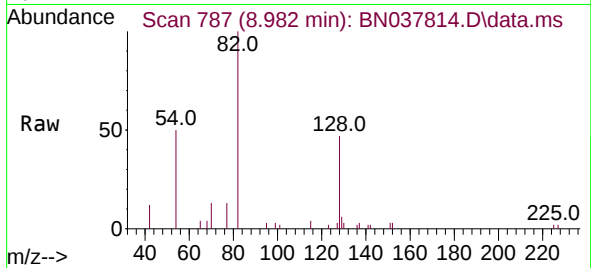




#8
 Nitrobenzene-d5
 Concen: 0.362 ng
 RT: 8.982 min Scan# 788
 Delta R.T. -0.011 min
 Lab File: BN037814.D
 Acq: 19 Sep 2025 14:55

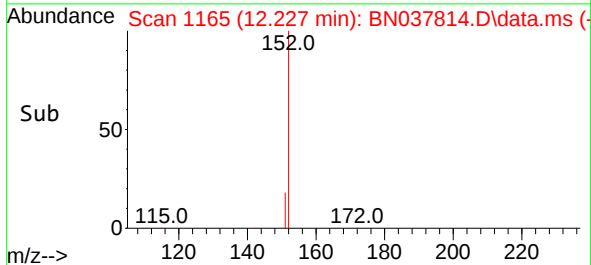
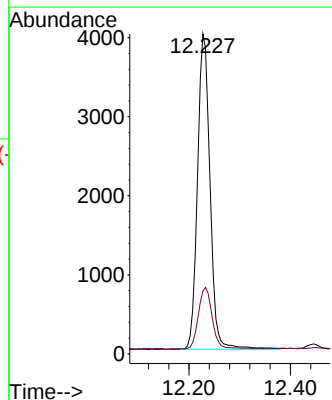
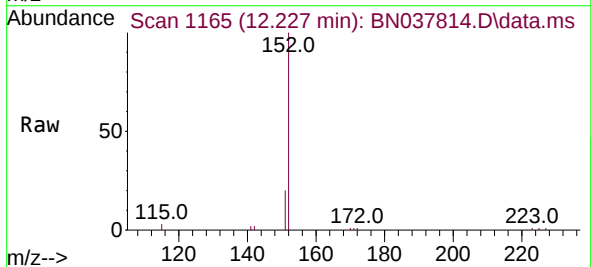
Instrument :
 BNA_N
 ClientSampleId :
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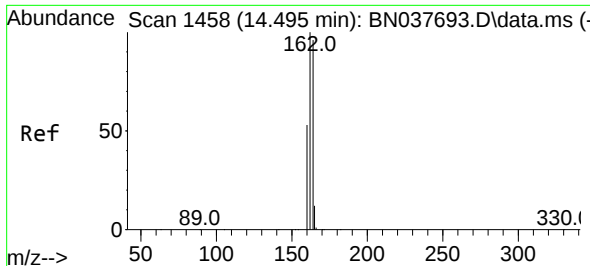
Tgt Ion: 82 Resp: 4351
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.3 57.5
 54 49.9 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.314 ng
 RT: 12.227 min Scan# 1165
 Delta R.T. -0.015 min
 Lab File: BN037814.D
 Acq: 19 Sep 2025 14:55

Tgt Ion: 152 Resp: 6832
 Ion Ratio Lower Upper
 152 100
 151 21.4 17.0 25.6

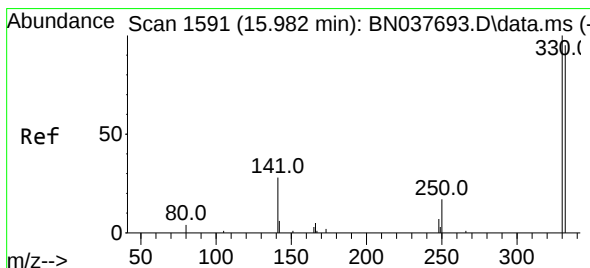
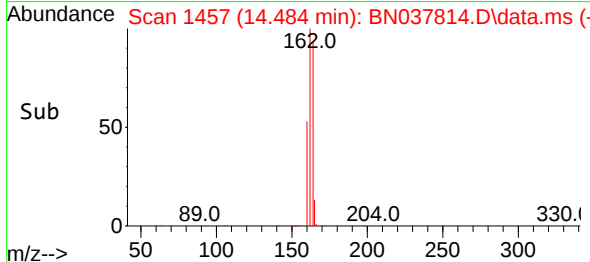
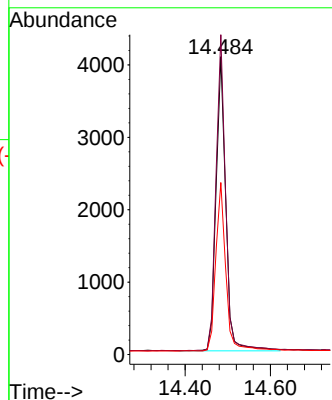
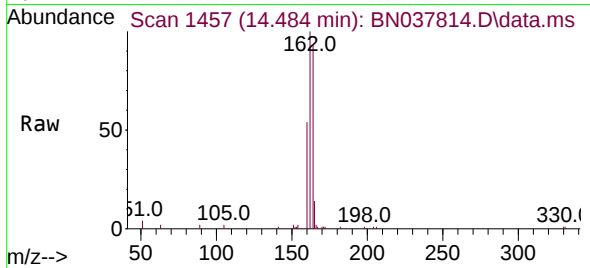




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037814.D
 Acq: 19 Sep 2025 14:55

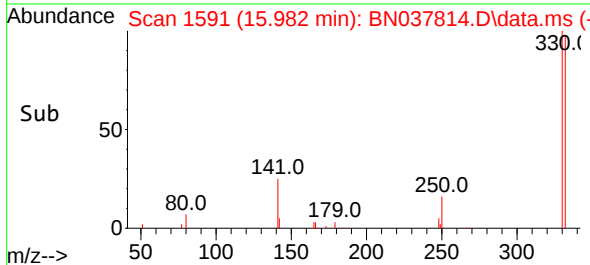
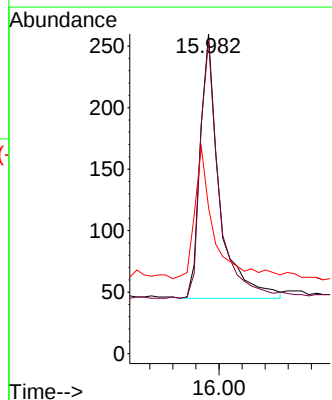
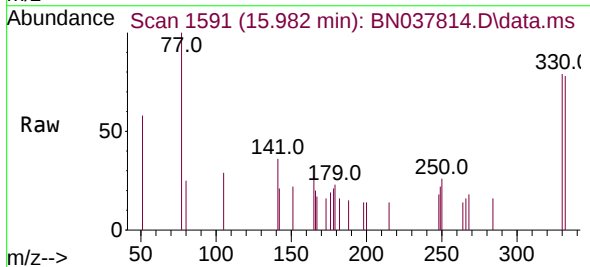
Instrument :
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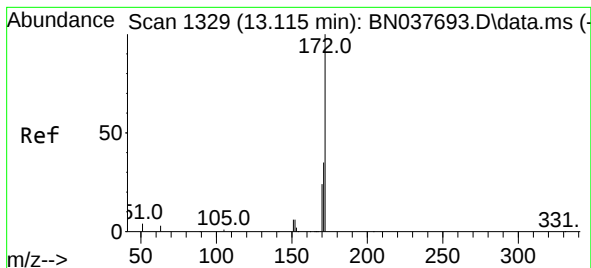
Tgt Ion:164 Resp: 6467
 Ion Ratio Lower Upper
 164 100
 162 107.4 83.1 124.7
 160 57.8 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.295 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037814.D
 Acq: 19 Sep 2025 14:55

Tgt Ion:330 Resp: 497
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.3 112.9
 141 49.1 35.0 52.4





#15

2-Fluorobiphenyl

Concen: 0.369 ng

RT: 13.105 min Scan# 1328

Delta R.T. -0.011 min

Lab File: BN037814.D

Acq: 19 Sep 2025 14:55

Instrument :

BNA_N

ClientSampleId :

PB169743BL

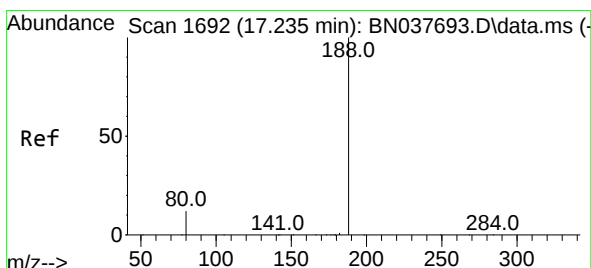
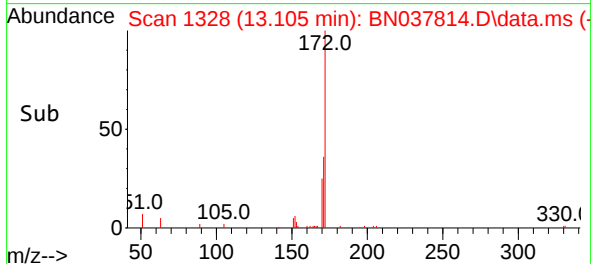
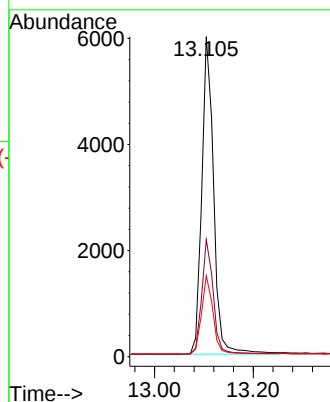
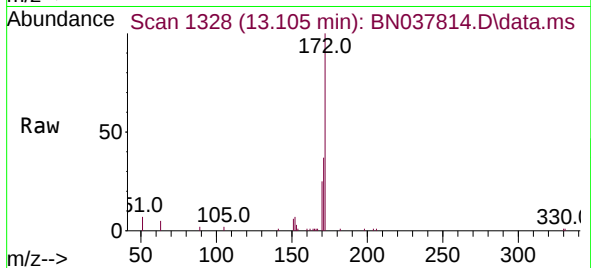
Tgt Ion:172 Resp: 9980

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

170 25.3 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: BN037814.D

Acq: 19 Sep 2025 14:55

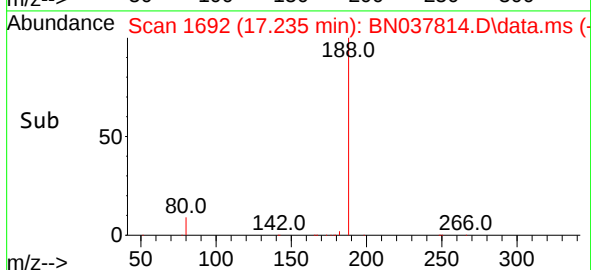
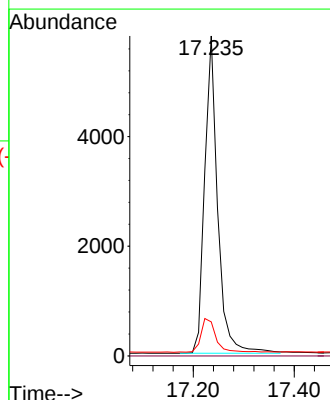
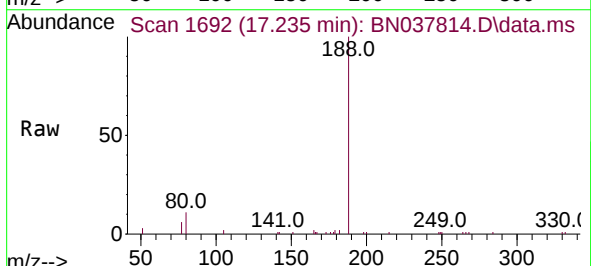
Tgt Ion:188 Resp: 10304

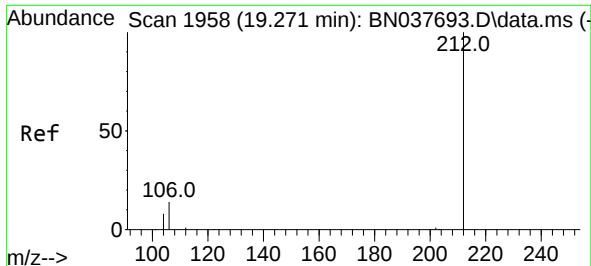
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

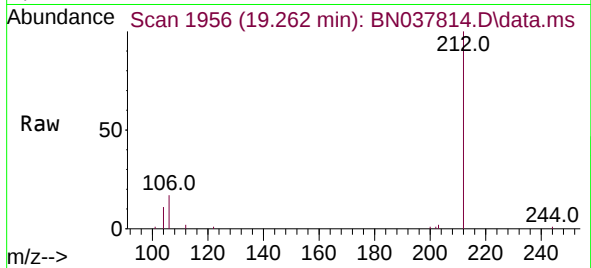
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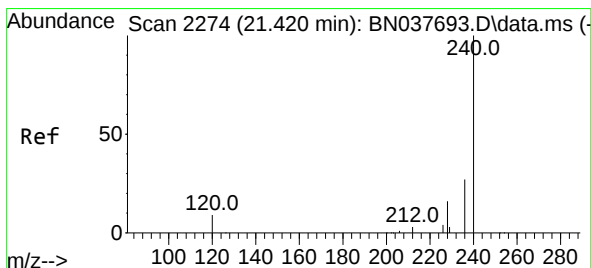
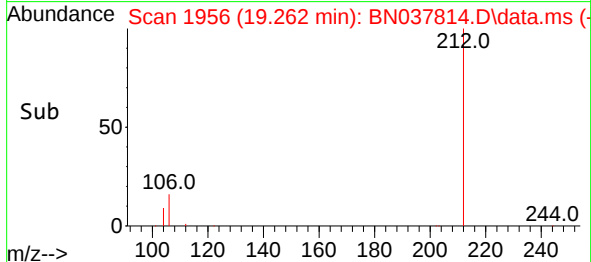
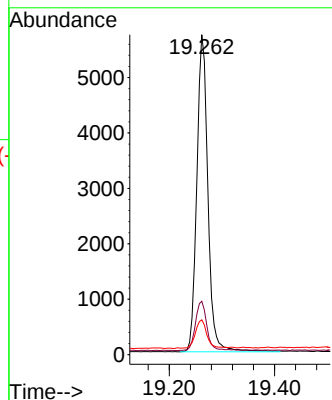


#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037814.D
Acq: 19 Sep 2025 14:55

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ClientSampleId :
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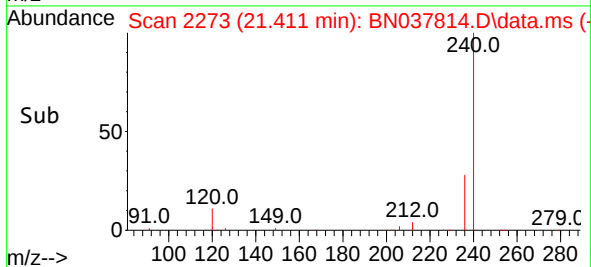
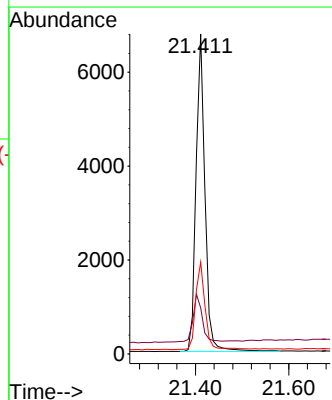
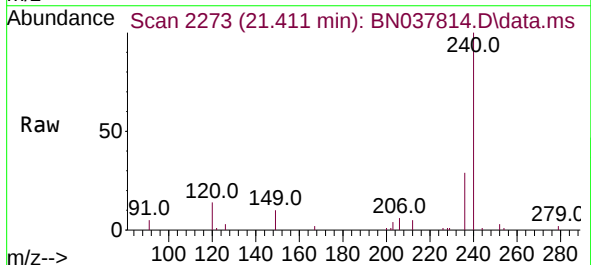


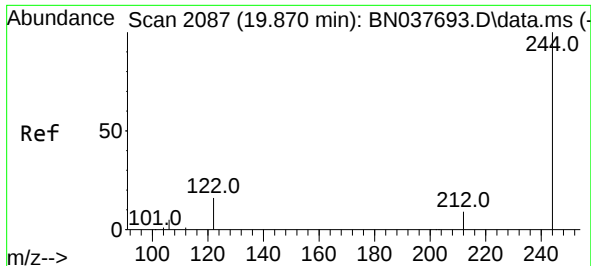
Tgt Ion:212 Resp: 8345
Ion Ratio Lower Upper
212 100
106 15.9 12.2 18.2
104 9.1 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037814.D
Acq: 19 Sep 2025 14:55

Tgt Ion:240 Resp: 8985
Ion Ratio Lower Upper
240 100
120 14.4 9.2 13.8#
236 28.7 22.6 33.8

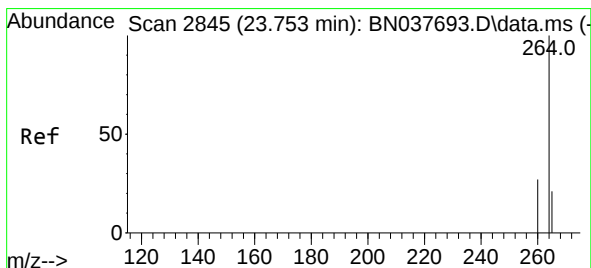
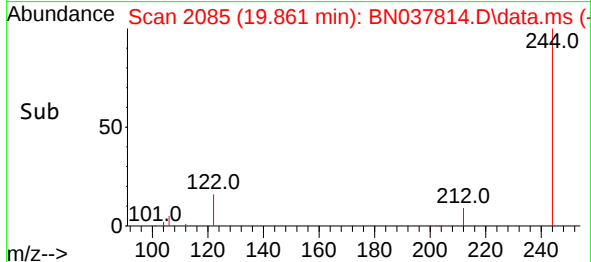
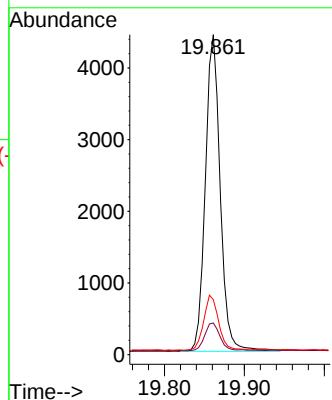
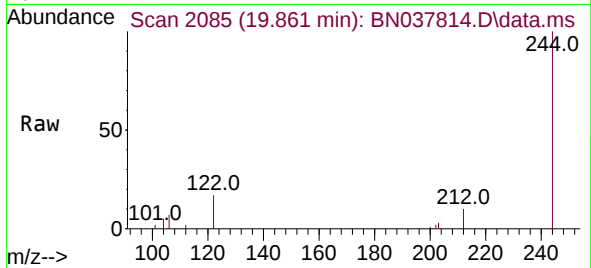




#31
 Terphenyl-d14
 Concen: 0.313 ng
 RT: 19.861 min Scan# 2085
 Delta R.T. -0.009 min
 Lab File: BN037814.D
 Acq: 19 Sep 2025 14:55

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Tgt Ion:244 Resp: 5708
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.5 11.3
 122 17.2 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.741 min Scan# 2841
 Delta R.T. -0.012 min
 Lab File: BN037814.D
 Acq: 19 Sep 2025 14:55

Tgt Ion:264 Resp: 8996
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.8 32.8
 265 87.1 39.4 59.2#

