

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037833.D
 Acq On : 20 Sep 2025 03:12
 Operator : RC/JU
 Sample : PB169743BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169743BL

Quant Time: Sep 20 04:27:00 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	7.825	152	6592	0.400	ng	-0.01
7) Naphthalene-d8	10.637	136	16758	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	6496	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	10859	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	9786	0.400	ng	0.00
35) Perylene-d12	23.738	264	10078	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	5143	0.340	ng	0.00
5) Phenol-d6	6.980	99	6087	0.310	ng	0.00
8) Nitrobenzene-d5	8.971	82	4325	0.353	ng	-0.02
11) 2-Methylnaphthalene-d10	12.227	152	6915	0.311	ng	-0.02
14) 2,4,6-Tribromophenol	15.982	330	486	0.287	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	10160	0.374	ng	-0.01
27) Fluoranthene-d10	19.257	212	8915	0.327	ng	-0.01
31) Terphenyl-d14	19.856	244	6261	0.315	ng	-0.01

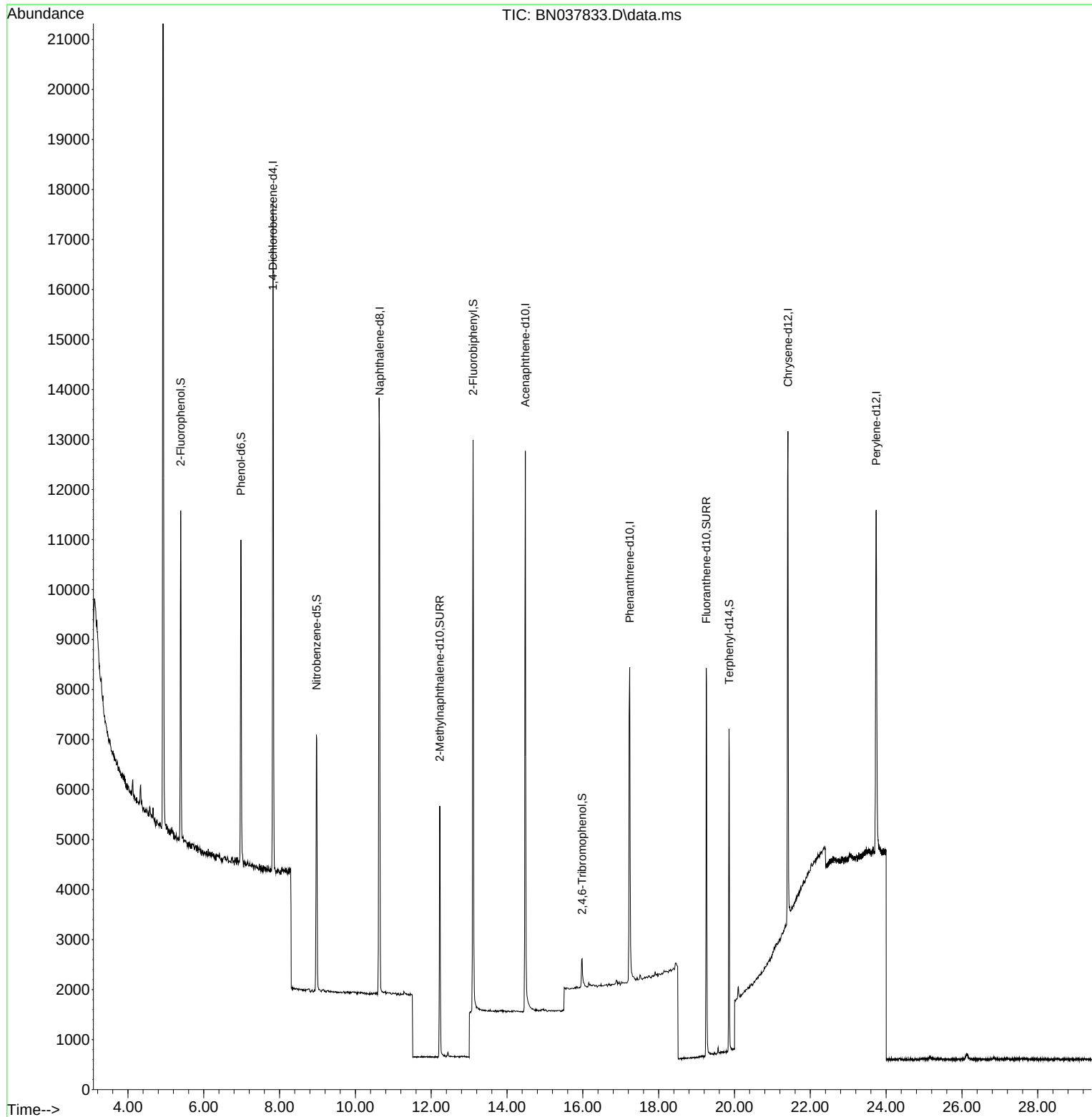
Target Compounds Qvalue

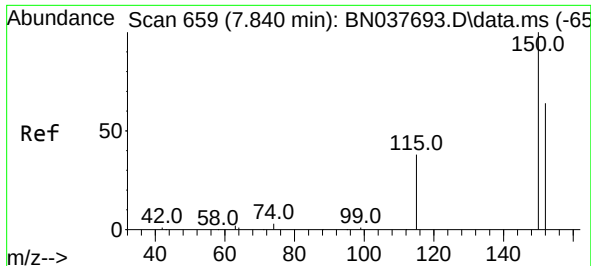
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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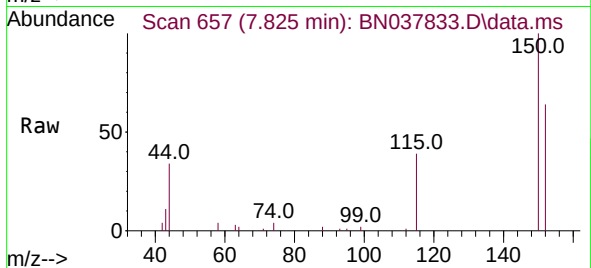
Quant Time: Sep 20 04:27:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





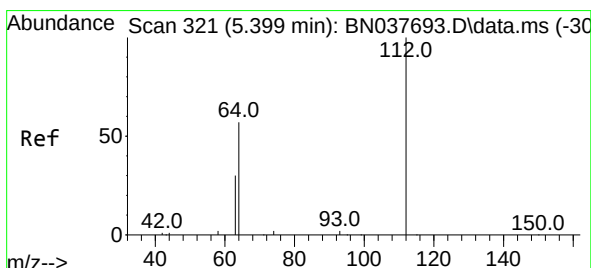
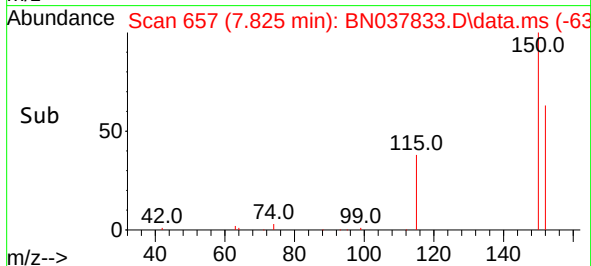
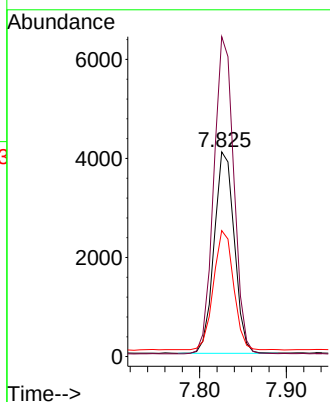
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN037833.D
 Acq: 20 Sep 2025 03:12

Instrument :
 BNA_N
 ClientSampleId :
 PB169743BL



Tgt Ion:152 Resp: 6592

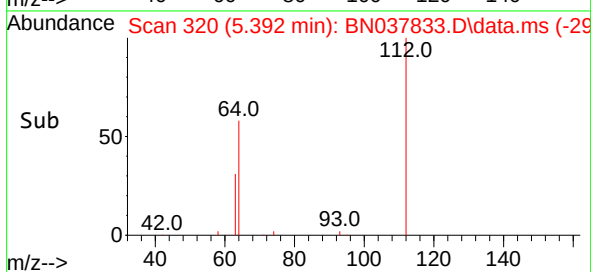
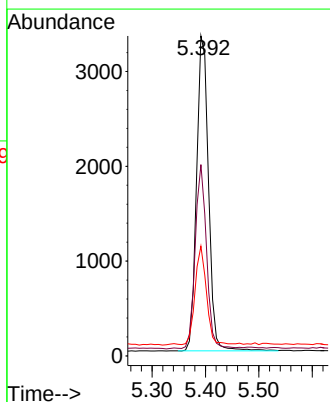
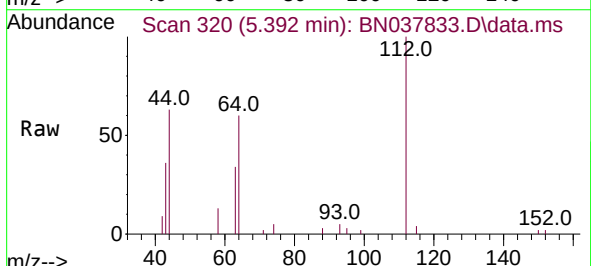
Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.5	186.7
115	61.5	49.2	73.8

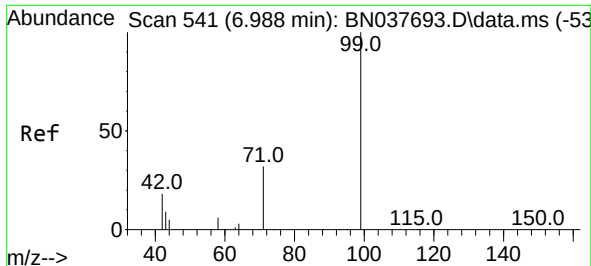


#4
 2-Fluorophenol
 Concen: 0.340 ng
 RT: 5.392 min Scan# 320
 Delta R.T. -0.007 min
 Lab File: BN037833.D
 Acq: 20 Sep 2025 03:12

Tgt Ion:112 Resp: 5143

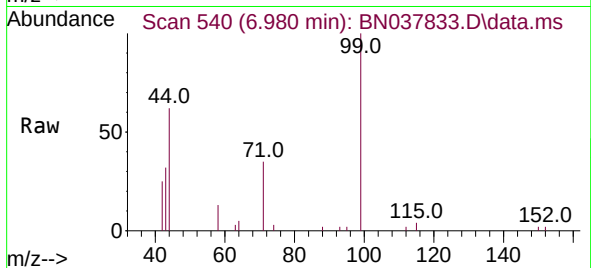
Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.9	67.3
63	29.6	24.7	37.1





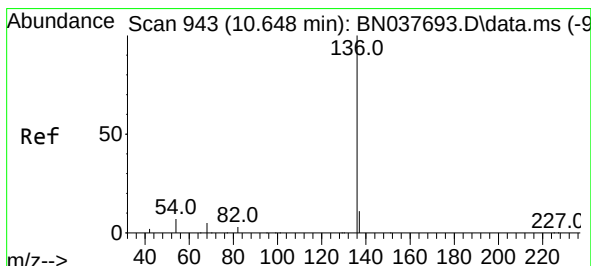
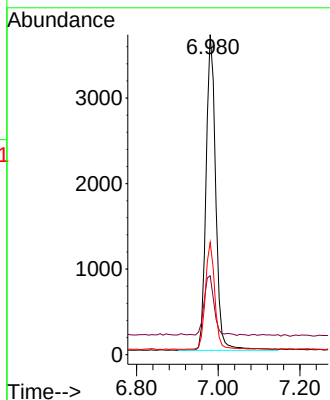
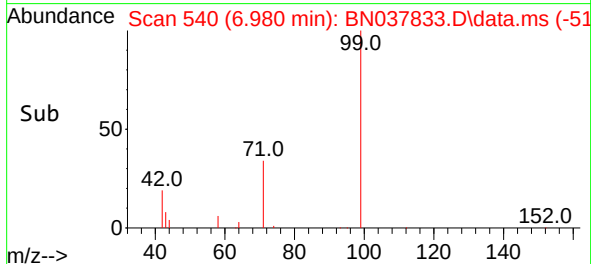
#5
Phenol-d6
Concen: 0.310 ng
RT: 6.980 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037833.D
Acq: 20 Sep 2025 03:12

Instrument :
BNA_N
ClientSampleId :
PB169743BL

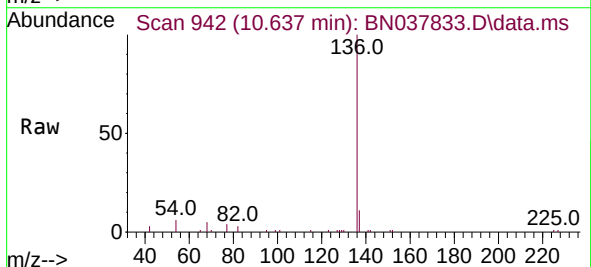


Tgt Ion: 99 Resp: 6087

Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.6	24.8
71	33.1	26.7	40.1

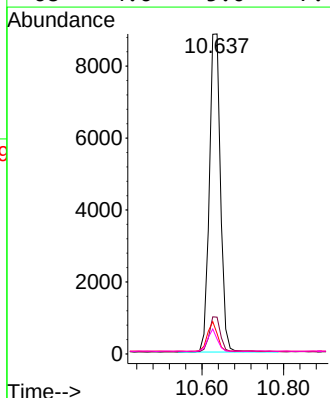
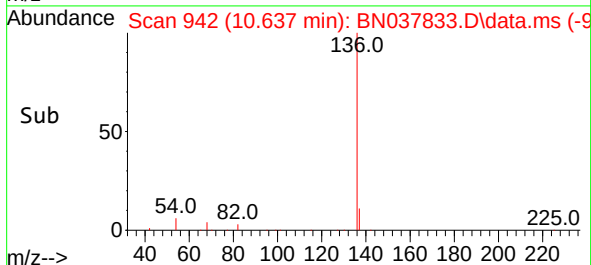


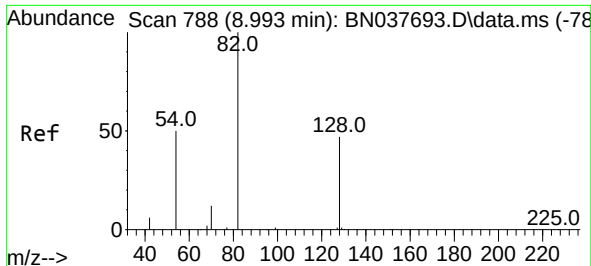
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037833.D
Acq: 20 Sep 2025 03:12



Tgt Ion: 136 Resp: 16758

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.3	6.3	9.5
68	4.6	5.0	7.4

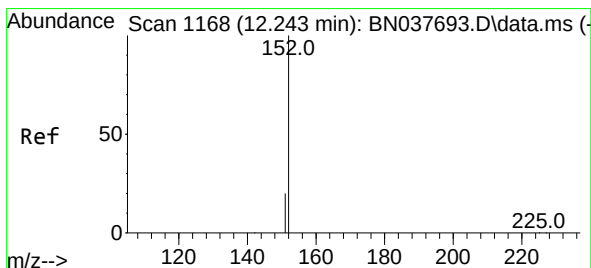
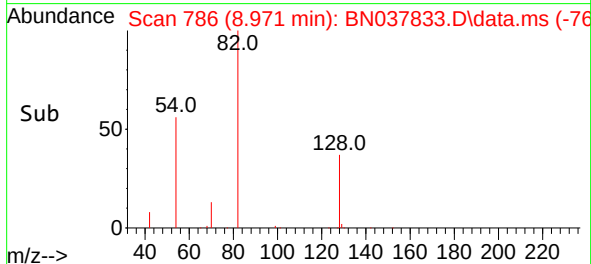
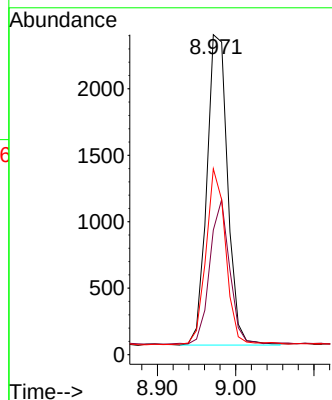
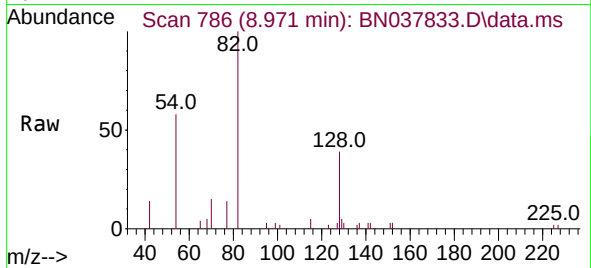




#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.971 min Scan# 788
Delta R.T. -0.021 min
Lab File: BN037833.D
Acq: 20 Sep 2025 03:12

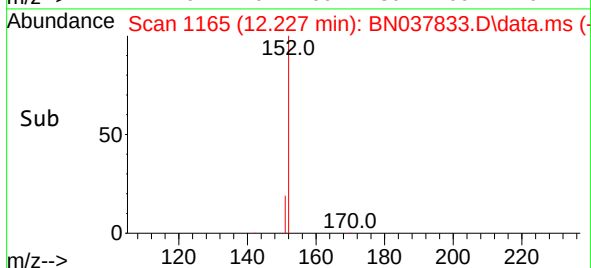
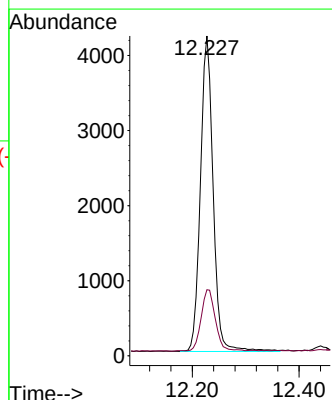
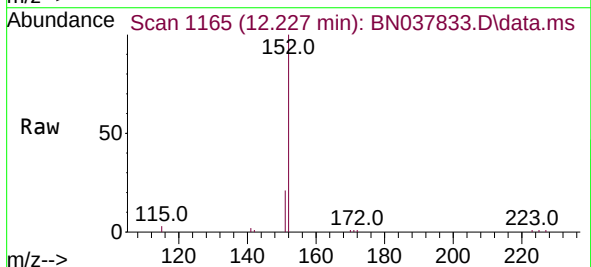
Instrument :
BNA_N
ClientSampleId :
PB169743BL

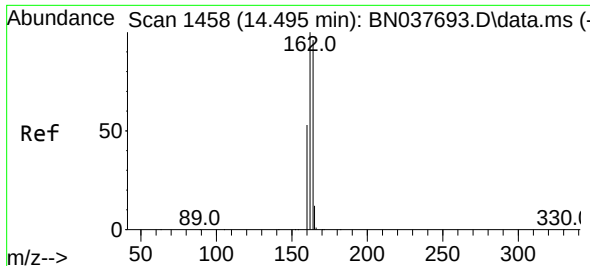
Tgt Ion: 82 Resp: 4325
Ion Ratio Lower Upper
82 100
128 39.0 38.3 57.5
54 58.1 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037833.D
Acq: 20 Sep 2025 03:12

Tgt Ion: 152 Resp: 6915
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6

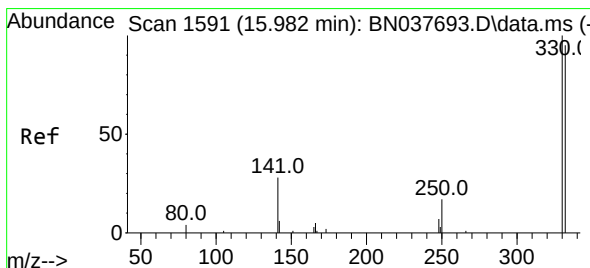
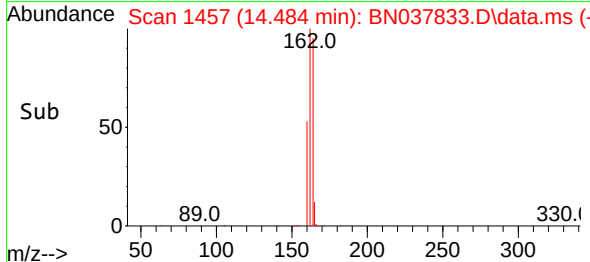
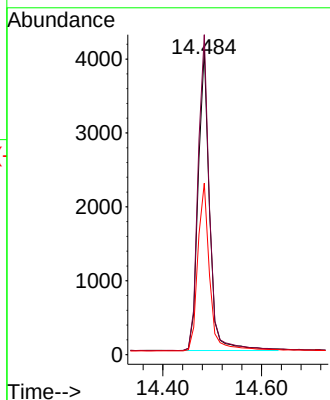
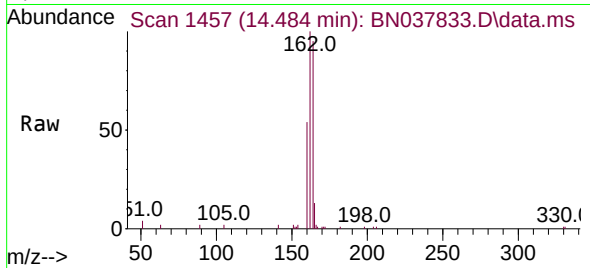




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037833.D
 Acq: 20 Sep 2025 03:12

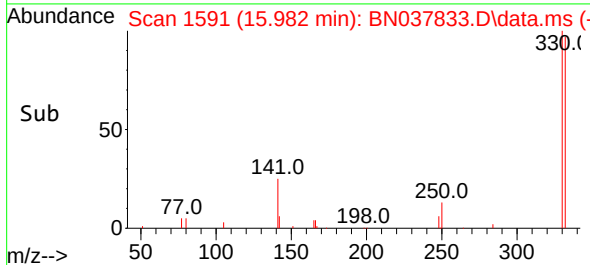
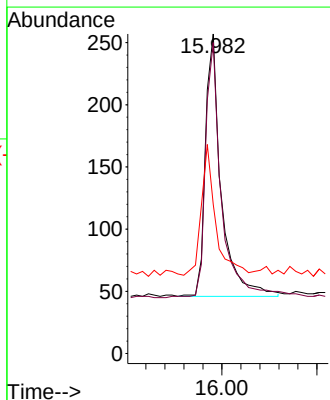
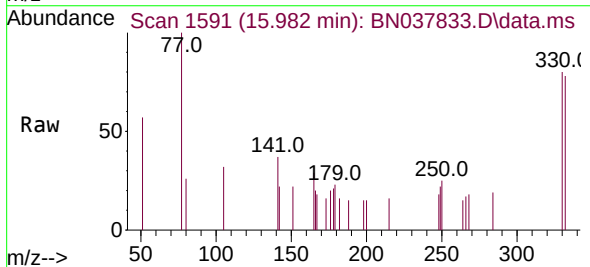
Instrument :
 BNA_N
 ClientSampleId :
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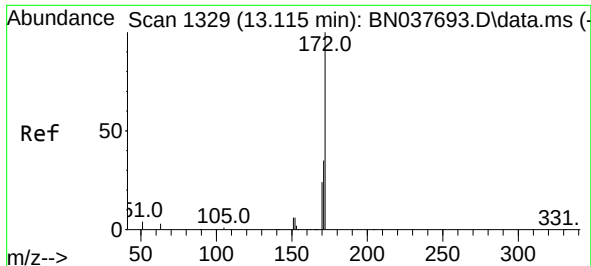
Tgt Ion:164	Resp:	6496
Ion Ratio	Lower	Upper
164	100	
162	105.1	83.1 124.7
160	56.3	44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.287 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037833.D
 Acq: 20 Sep 2025 03:12

Tgt Ion:330	Resp:	486
Ion Ratio	Lower	Upper
330	100	
332	97.3	75.3 112.9
141	44.7	35.0 52.4

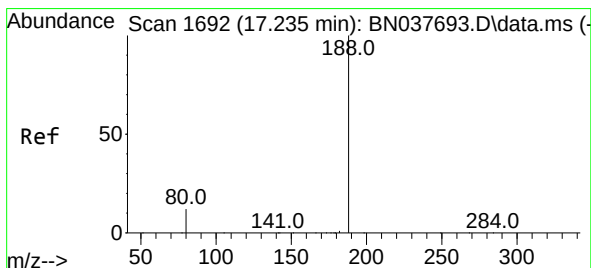
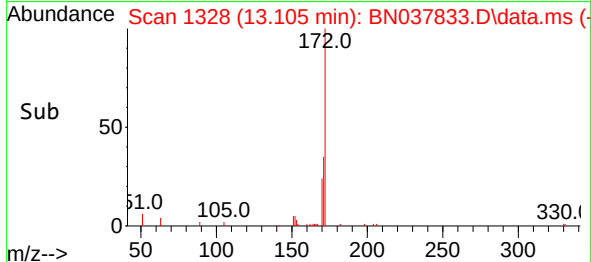
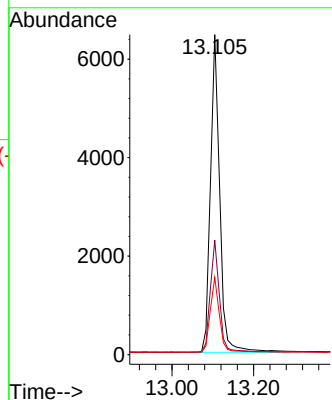
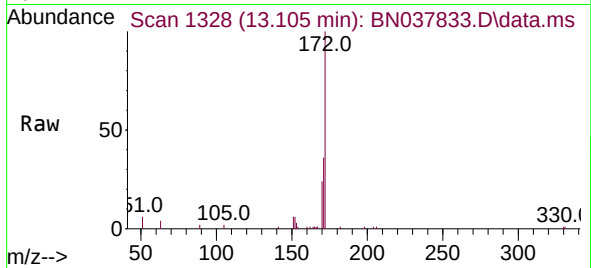




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.105 min Scan# 1329
Delta R.T. -0.011 min
Lab File: BN037833.D
Acq: 20 Sep 2025 03:12

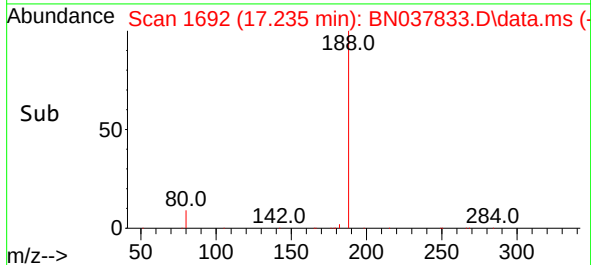
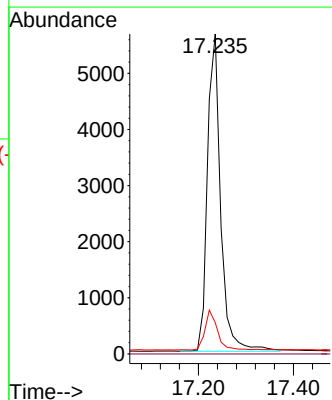
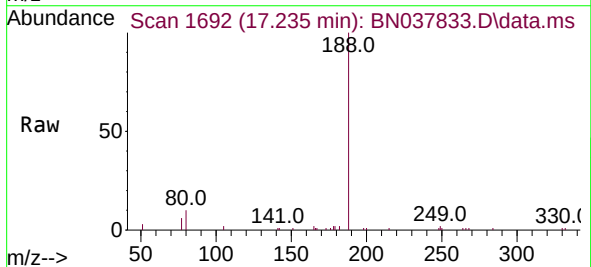
Instrument :
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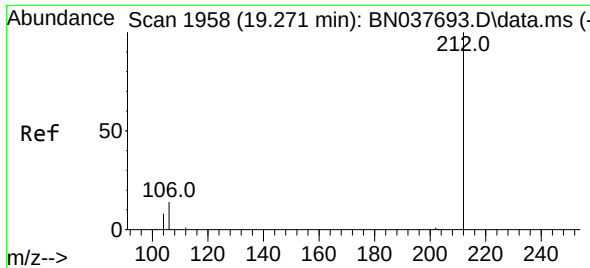
Tgt Ion:172 Resp: 10160
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.2 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037833.D
Acq: 20 Sep 2025 03:12

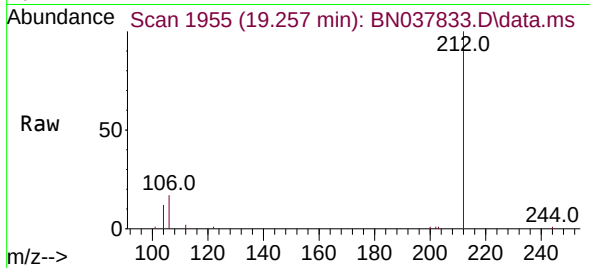
Tgt Ion:188 Resp: 10859
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 10.6 15.8



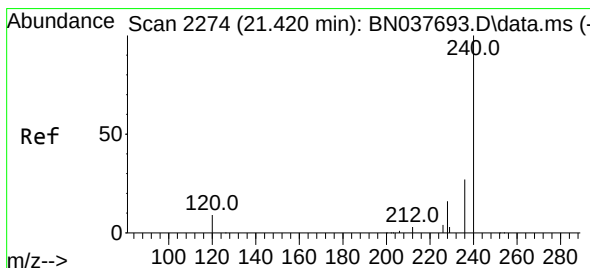
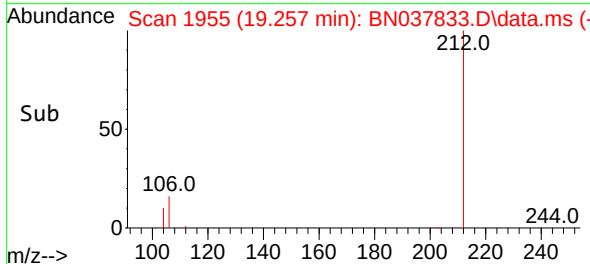
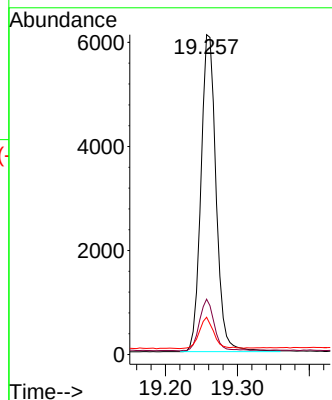


#27
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037833.D
Acq: 20 Sep 2025 03:12

Instrument :
BNA_N
ClientSampleId :
PB169743BL

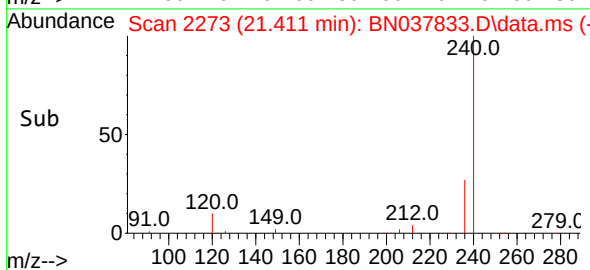
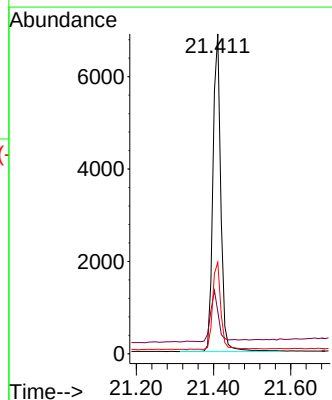
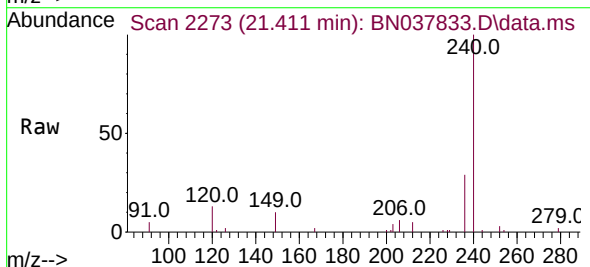


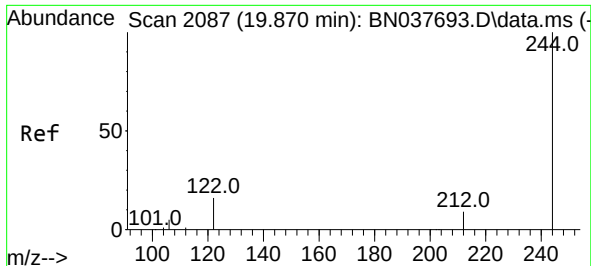
Tgt Ion:212 Resp: 8915
Ion Ratio Lower Upper
212 100
106 16.0 12.2 18.2
104 9.4 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037833.D
Acq: 20 Sep 2025 03:12

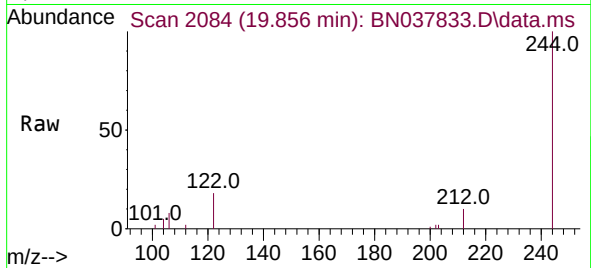
Tgt Ion:240 Resp: 9786
Ion Ratio Lower Upper
240 100
120 13.2 9.2 13.8
236 28.6 22.6 33.8



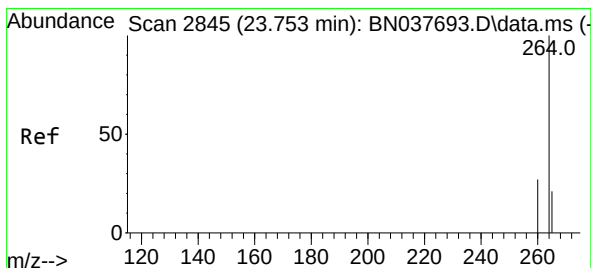
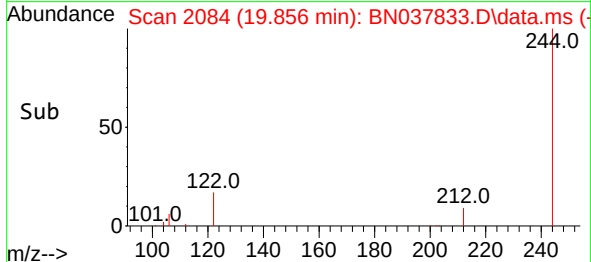
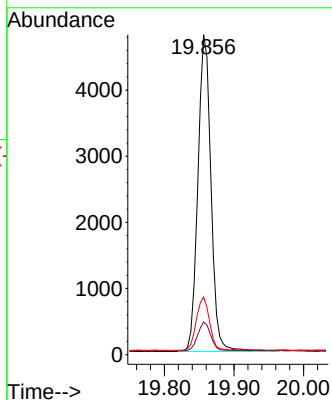


#31
 Terphenyl-d14
 Concen: 0.315 ng
 RT: 19.856 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN037833.D
 Acq: 20 Sep 2025 03:12

Instrument :
 BNA_N
 ClientSampleId :
 PB169743BL



Tgt Ion:244 Resp: 6261
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.5 11.3
 122 18.0 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.738 min Scan# 2840
 Delta R.T. -0.015 min
 Lab File: BN037833.D
 Acq: 20 Sep 2025 03:12

Tgt Ion:264 Resp: 10078
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.8 32.8
 265 85.8 39.4 59.2#

