

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
 Data File : BN037850.D
 Acq On : 22 Sep 2025 10:55
 Operator : RC/JU
 Sample : PB169743BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169743BL

Quant Time: Sep 22 11:55:08 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)

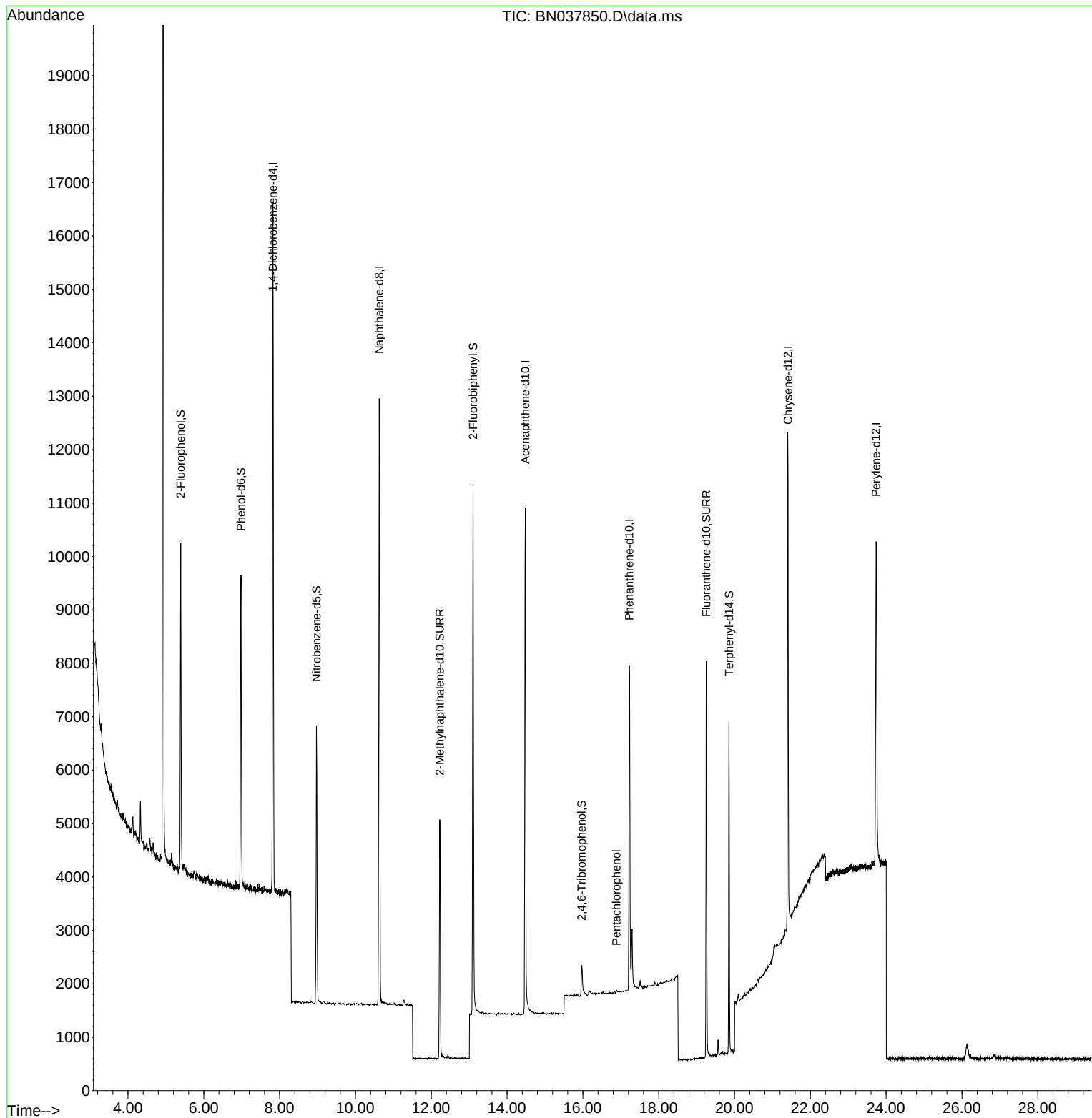
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	6064	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	15212	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	6032	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	9991	0.400	ng	-0.01
29) Chrysene-d12	21.411	240	9227	0.400	ng	0.00
35) Perylene-d12	23.735	264	8954	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	4745	0.341	ng	0.00
5) Phenol-d6	6.980	99	5509	0.305	ng	0.00
8) Nitrobenzene-d5	8.971	82	4099	0.368	ng	-0.02
11) 2-Methylnaphthalene-d10	12.222	152	6310	0.313	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	437	0.278	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	9105	0.361	ng	-0.01
27) Fluoranthene-d10	19.257	212	8329	0.332	ng	-0.01
31) Terphenyl-d14	19.856	244	5979	0.319	ng	-0.01
Target Compounds						
24) Pentachlorophenol	16.888	266	50	0.023	ng	Qvalue # 84

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

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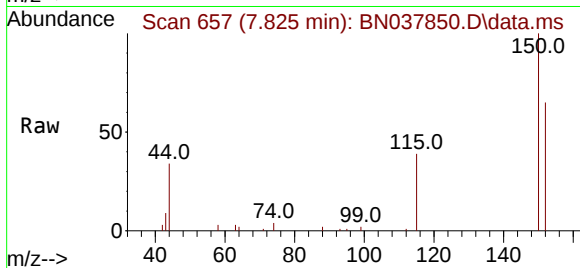
Quant Time: Sep 22 11:55:08 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





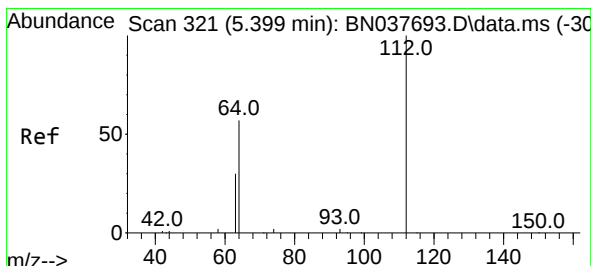
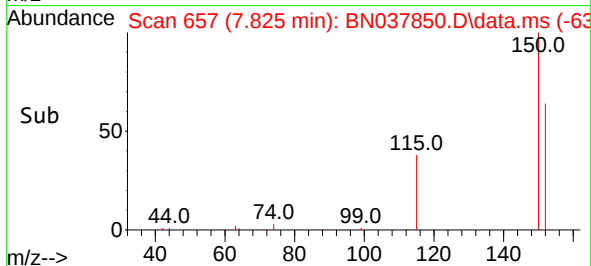
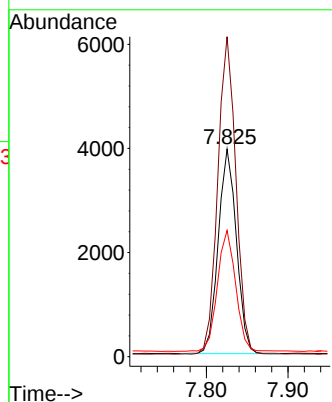
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN037850.D
 Acq: 22 Sep 2025 10:55

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 PB169743BL



Tgt Ion:152 Resp: 6064

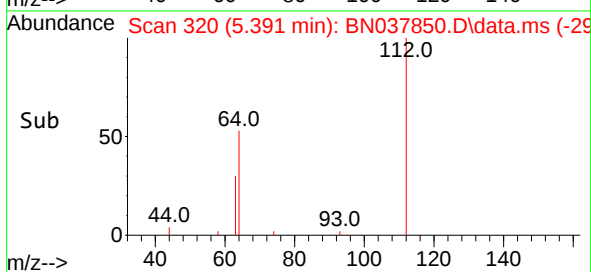
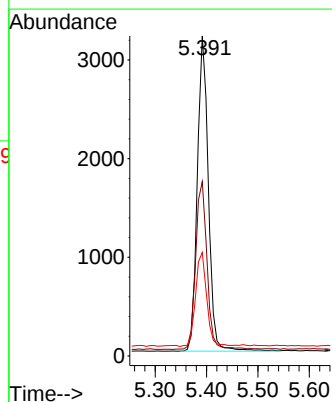
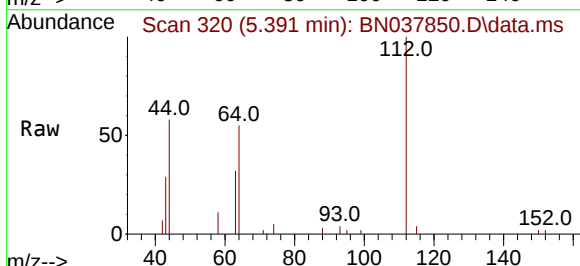
Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.5	186.7
115	60.8	49.2	73.8

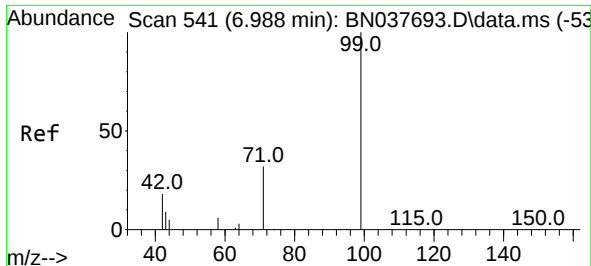


#4
 2-Fluorophenol
 Concen: 0.341 ng
 RT: 5.391 min Scan# 320
 Delta R.T. -0.007 min
 Lab File: BN037850.D
 Acq: 22 Sep 2025 10:55

Tgt Ion:112 Resp: 4745

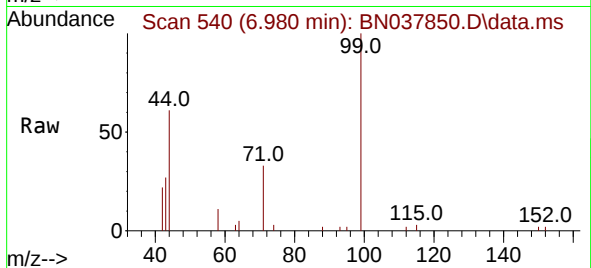
Ion	Ratio	Lower	Upper
112	100		
64	54.9	44.9	67.3
63	30.3	24.7	37.1



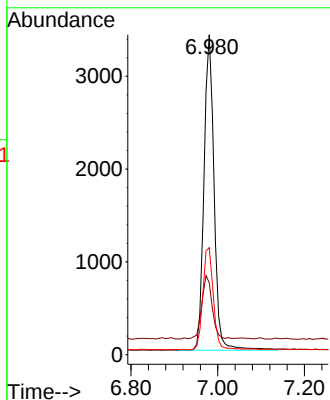
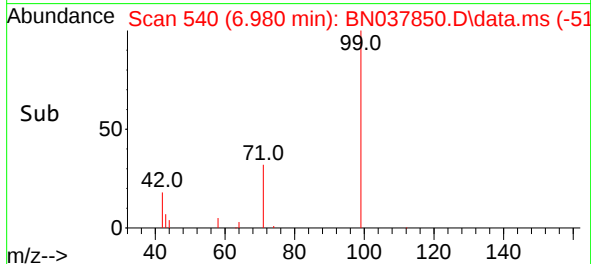


#5
Phenol-d6
Concen: 0.305 ng
RT: 6.980 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037850.D
Acq: 22 Sep 2025 10:55

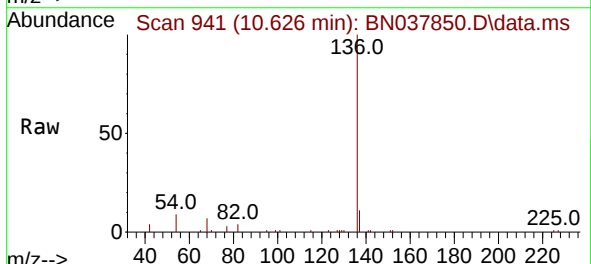
Instrument :
BNA_N
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PB169743BL



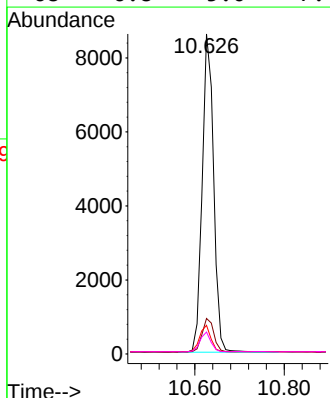
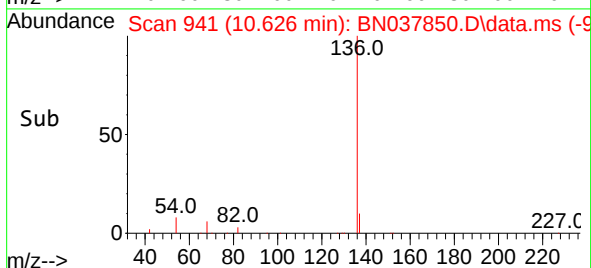
Tgt Ion:	99	Resp:	5509
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	24.8
71	33.6	26.7	40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.022 min
Lab File: BN037850.D
Acq: 22 Sep 2025 10:55



Tgt Ion:	136	Resp:	15212
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.0	6.3	9.5
68	6.8	5.0	7.4

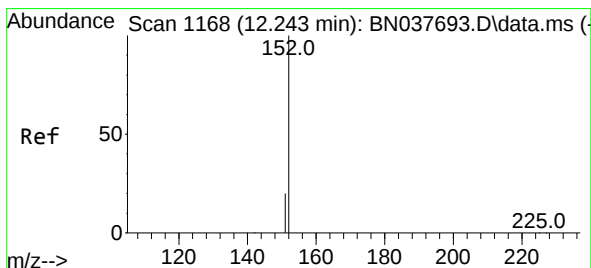
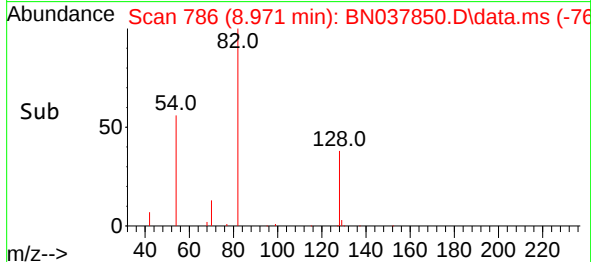
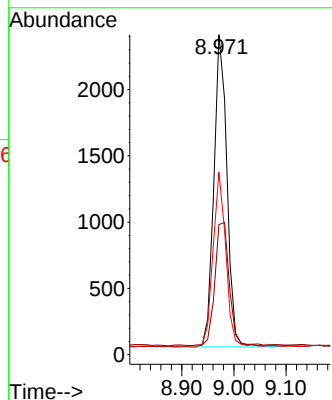
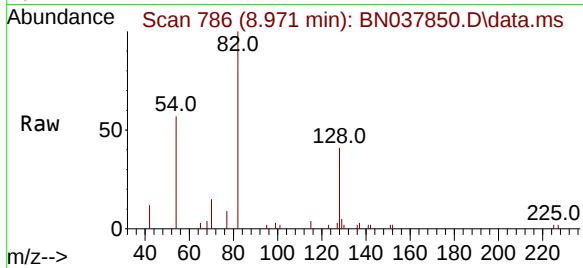




#8
 Nitrobenzene-d5
 Concen: 0.368 ng
 RT: 8.971 min Scan# 71
 Delta R.T. -0.022 min
 Lab File: BN037850.D
 Acq: 22 Sep 2025 10:55

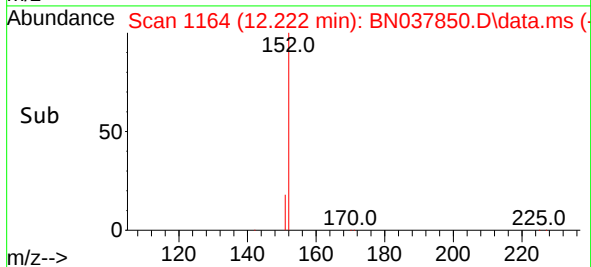
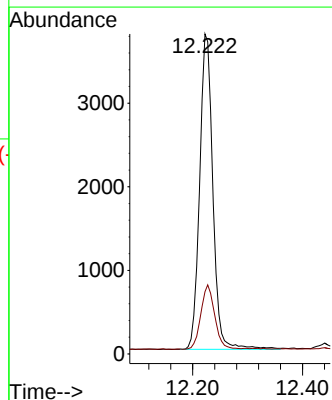
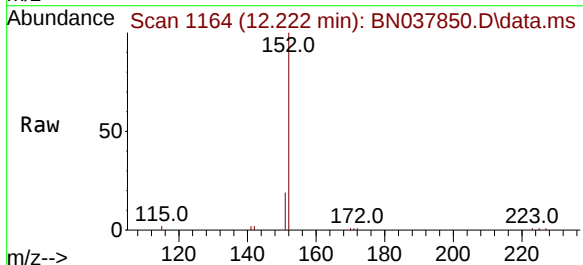
Instrument :
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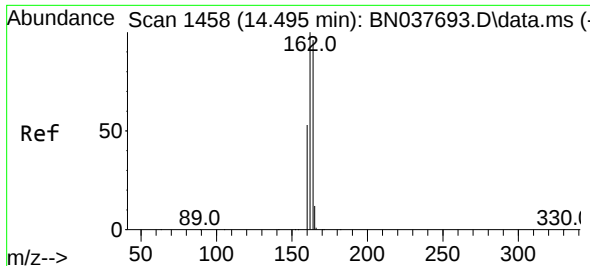
Tgt Ion: 82 Resp: 4099
 Ion Ratio Lower Upper
 82 100
 128 40.6 38.3 57.5
 54 57.0 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.313 ng
 RT: 12.222 min Scan# 1164
 Delta R.T. -0.020 min
 Lab File: BN037850.D
 Acq: 22 Sep 2025 10:55

Tgt Ion: 152 Resp: 6310
 Ion Ratio Lower Upper
 152 100
 151 21.4 17.0 25.6

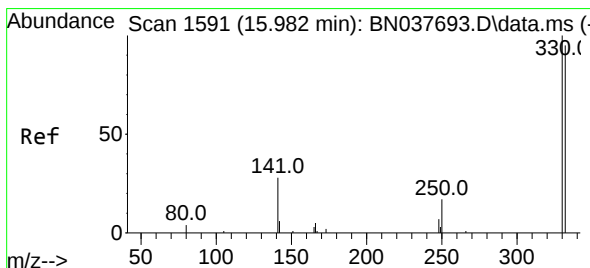
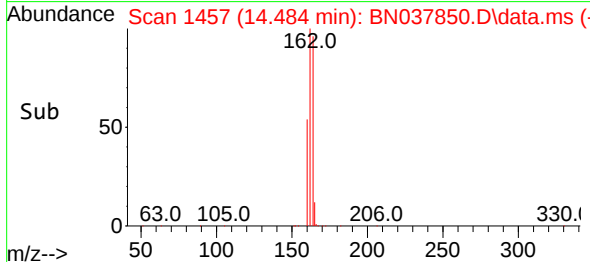
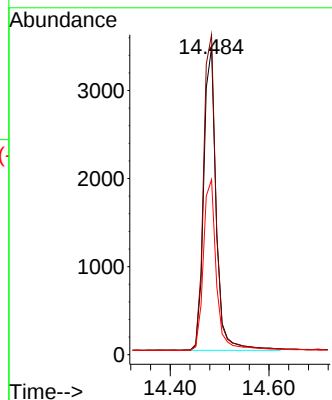
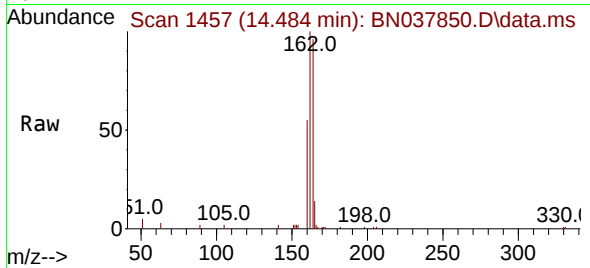




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037850.D
 Acq: 22 Sep 2025 10:55

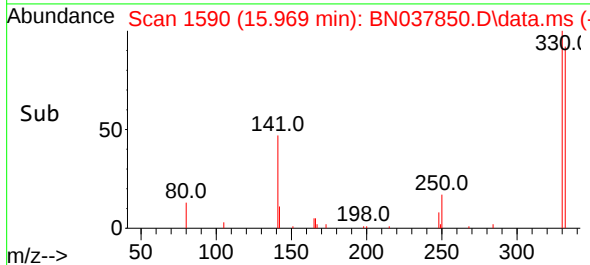
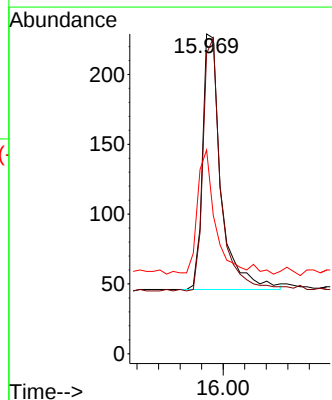
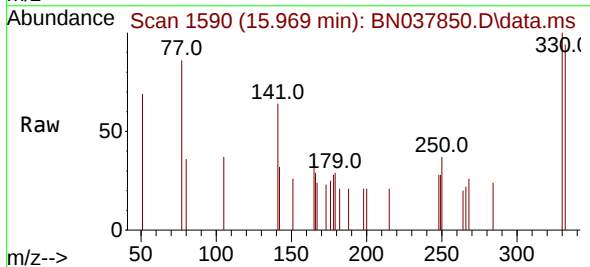
Instrument :
 BNA_N
 ClientSampleId :
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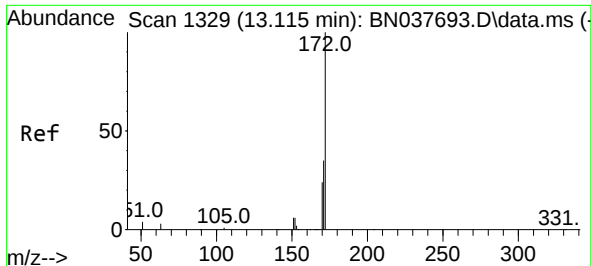
Tgt Ion:164 Resp: 6032
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.1 124.7
 160 57.0 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.278 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037850.D
 Acq: 22 Sep 2025 10:55

Tgt Ion:330 Resp: 437
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.3 112.9
 141 44.2 35.0 52.4

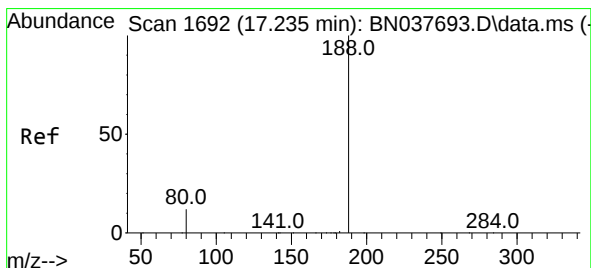
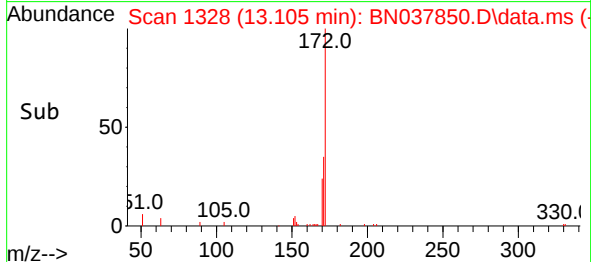
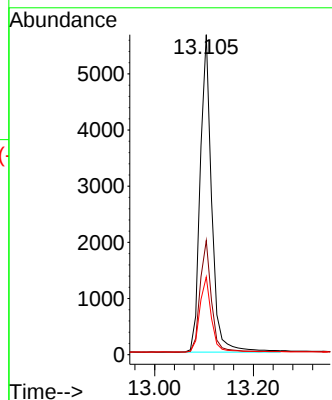
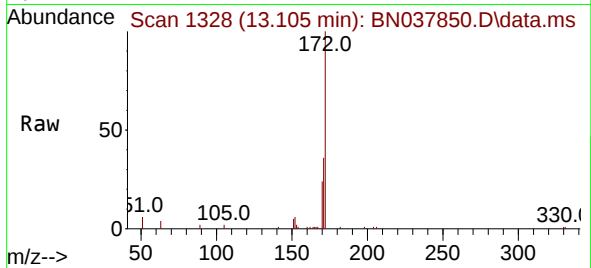




#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN037850.D
Acq: 22 Sep 2025 10:55

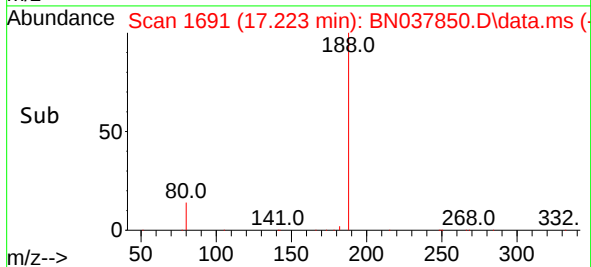
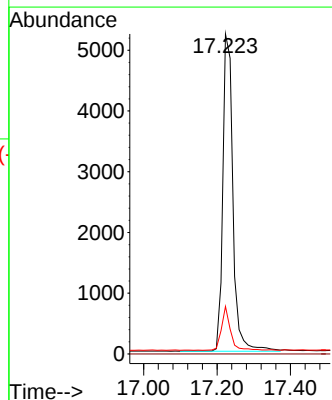
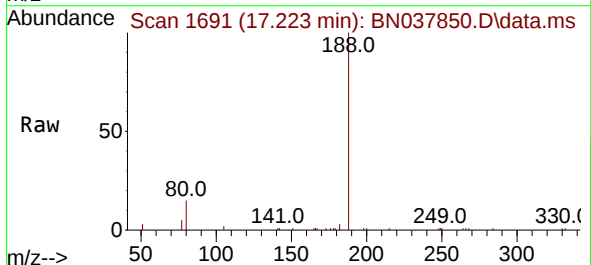
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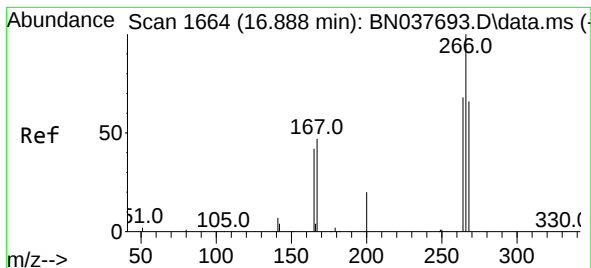
Tgt Ion:172 Resp: 9105
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.3 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN037850.D
Acq: 22 Sep 2025 10:55

Tgt Ion:188 Resp: 9991
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 10.6 15.8





#24

Pentachlorophenol

Concen: 0.023 ng

RT: 16.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037850.D

Acq: 22 Sep 2025 10:55

Instrument :

BNA_N

ClientSampleId :

PB169743BL

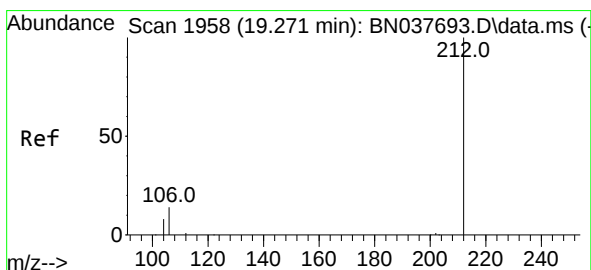
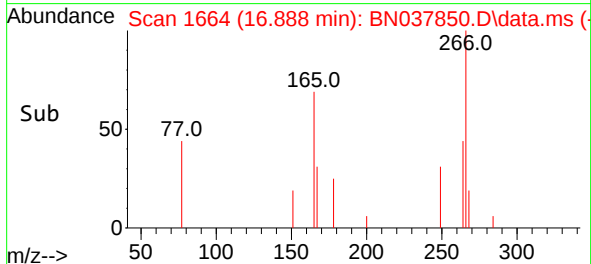
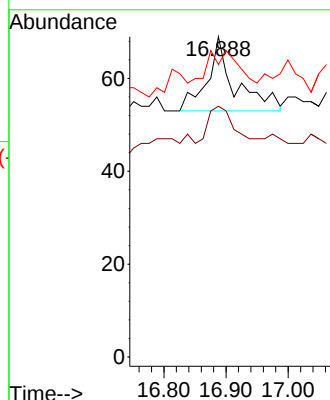
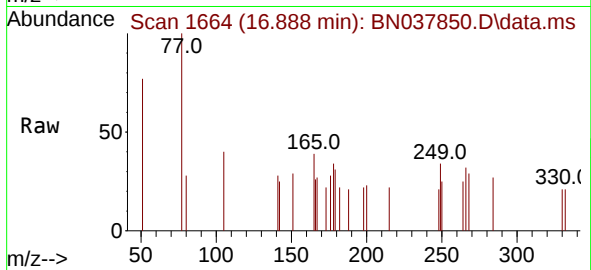
Tgt Ion:266 Resp: 50

Ion Ratio Lower Upper

266 100

264 56.0 51.6 77.4

268 50.0 53.2 79.8#



#27

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.257 min Scan# 1955

Delta R.T. -0.014 min

Lab File: BN037850.D

Acq: 22 Sep 2025 10:55

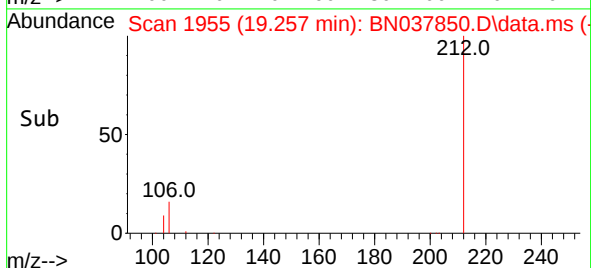
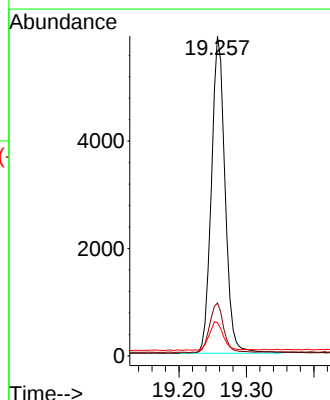
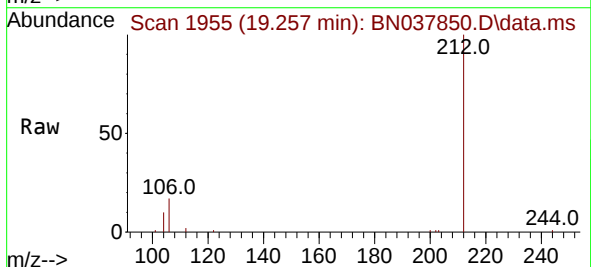
Tgt Ion:212 Resp: 8329

Ion Ratio Lower Upper

212 100

106 16.2 12.2 18.2

104 9.2 6.9 10.3

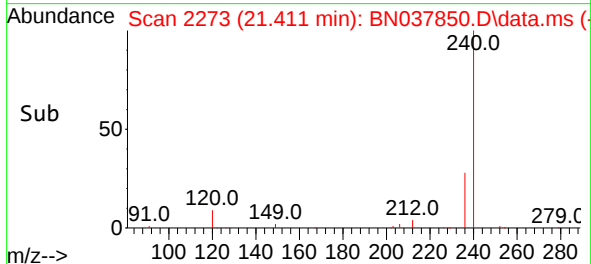
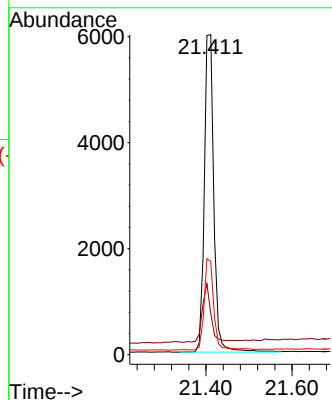
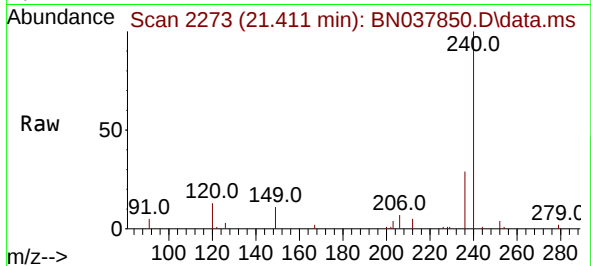




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037850.D
Acq: 22 Sep 2025 10:55

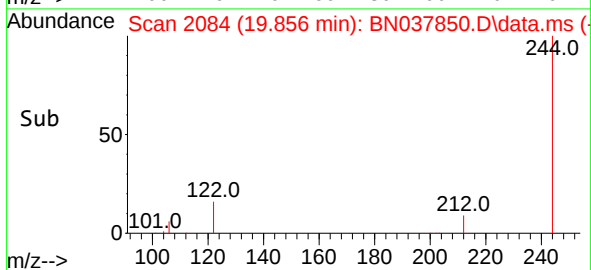
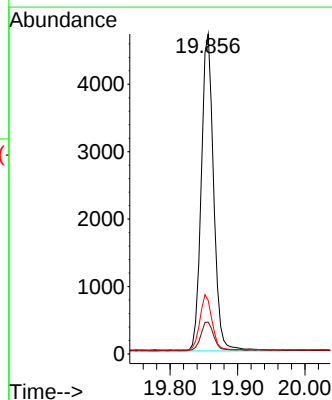
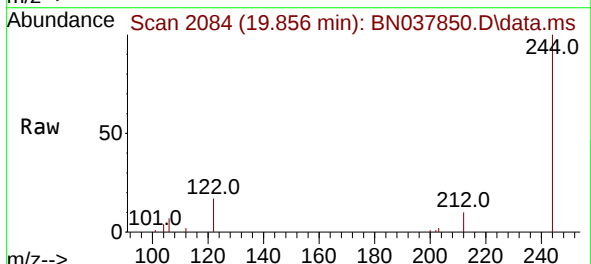
Instrument :
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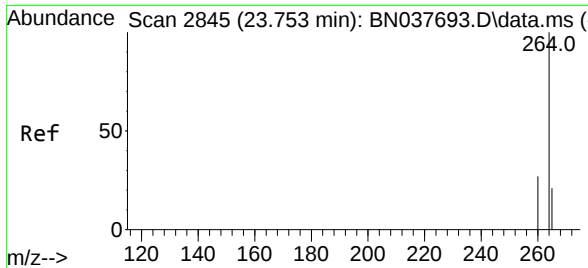
Tgt Ion:240 Resp: 9227
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 29.1 22.6 33.8



#31
Terphenyl-d14
Concen: 0.319 ng
RT: 19.856 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN037850.D
Acq: 22 Sep 2025 10:55

Tgt Ion:244 Resp: 5979
Ion Ratio Lower Upper
244 100
212 9.9 7.5 11.3
122 16.8 13.2 19.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.735 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037850.D
 Acq: 22 Sep 2025 10:55

Instrument :
 BNA_N
 ClientSampleId :
 PB169743BL

Tgt Ion:	264	Resp:	8954
Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.8	32.8
265	87.2	39.4	59.2

