

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037741.D
 Acq On : 17 Sep 2025 12:02
 Operator : RC/JU
 Sample : PB169692BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169692BL

Quant Time: Sep 17 12:51:54 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	7.840	152	7434	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	20202	0.400	ng	# 0.00
13) Acenaphthene-d10	14.494	164	8991	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	14614	0.400	ng	0.00
29) Chrysene-d12	21.411	240	12468	0.400	ng	# 0.00
35) Perylene-d12	23.750	264	13022	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5588	0.327	ng	0.00
5) Phenol-d6	6.988	99	6691	0.302	ng	0.00
8) Nitrobenzene-d5	8.982	82	4866	0.329	ng	-0.01
11) 2-Methylnaphthalene-d10	12.238	152	8483	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	473	0.202	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	13040	0.347	ng	0.00
27) Fluoranthene-d10	19.271	212	10845	0.296	ng	0.00
31) Terphenyl-d14	19.870	244	8091	0.320	ng	0.00

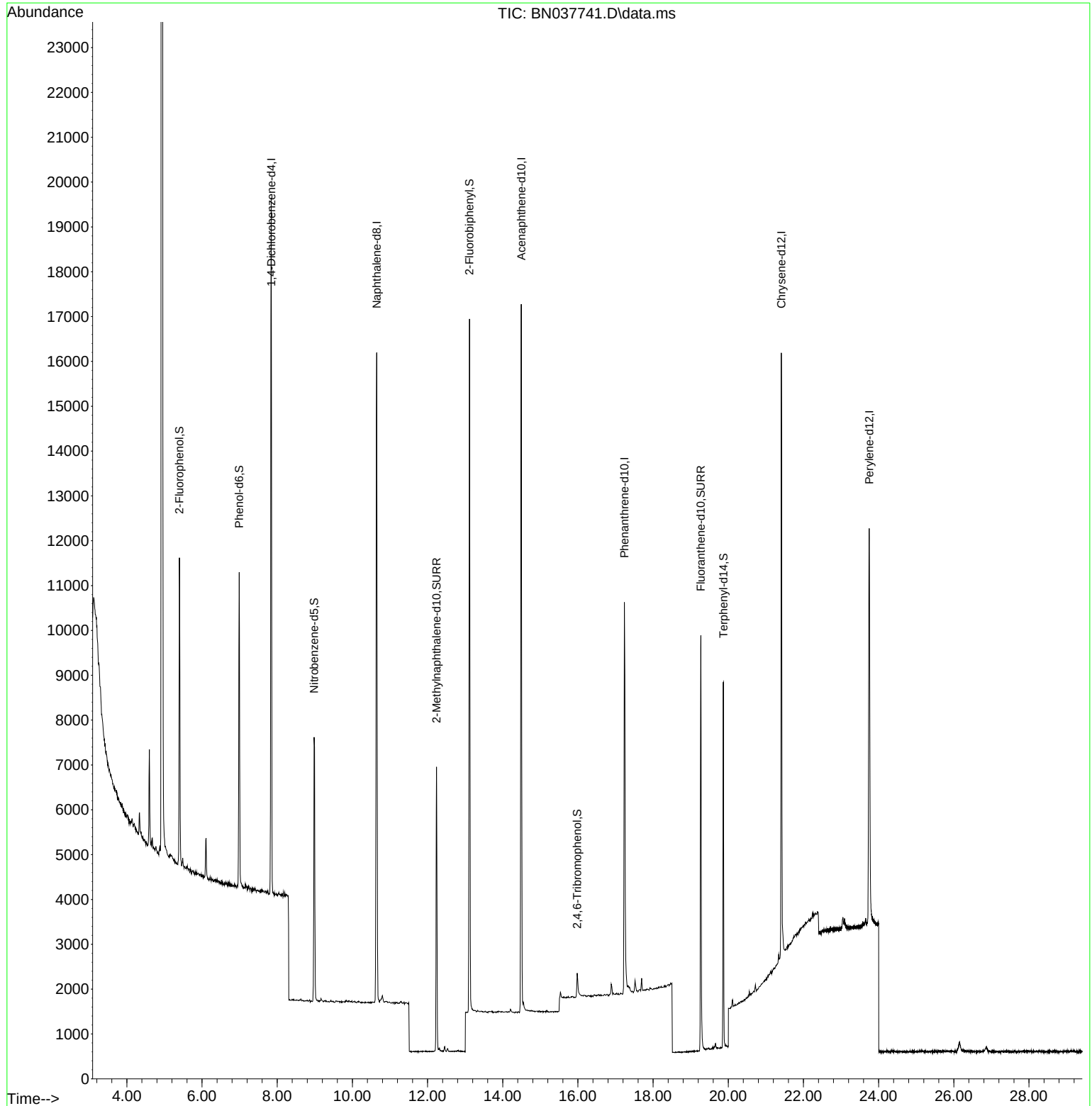
Target Compounds Qvalue

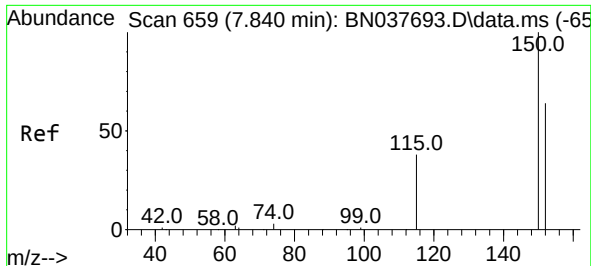
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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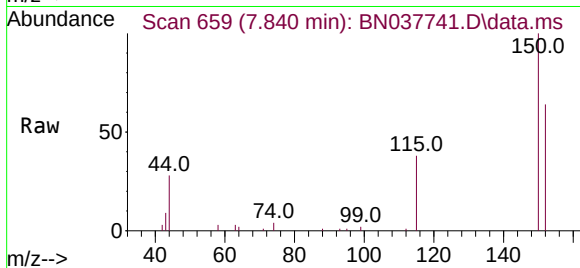
Quant Time: Sep 17 12:51:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





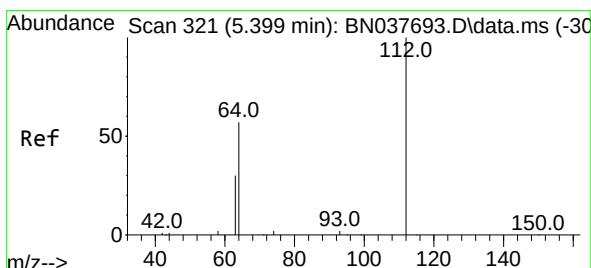
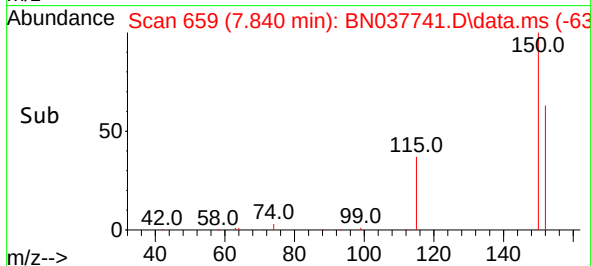
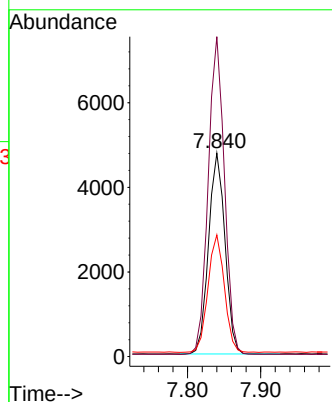
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037741.D
 Acq: 17 Sep 2025 12:02

Instrument :
 BNA_N
 ClientSampleId :
 PB169692BL



Tgt Ion:152 Resp: 7434

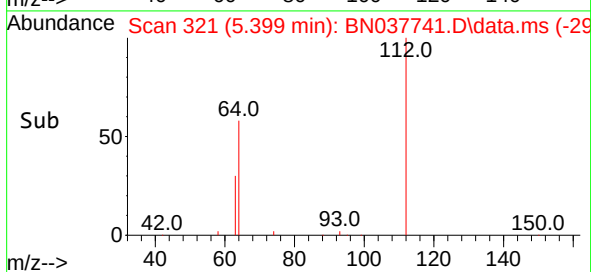
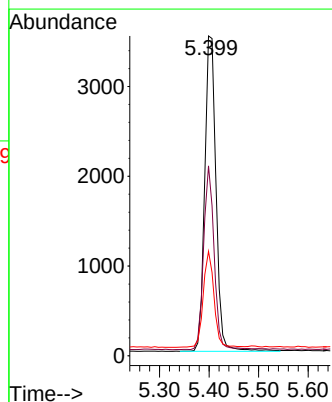
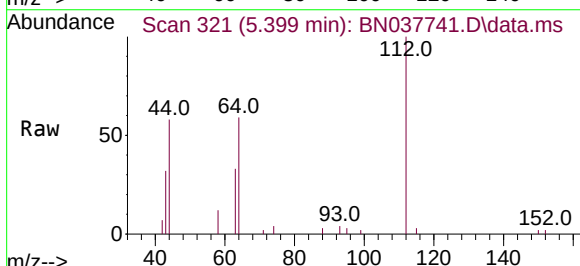
Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.5	186.7
115	59.8	49.2	73.8

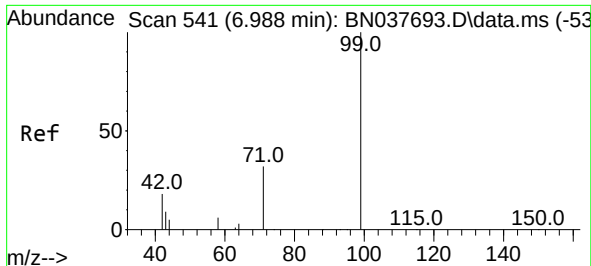


#4
 2-Fluorophenol
 Concen: 0.327 ng
 RT: 5.399 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: BN037741.D
 Acq: 17 Sep 2025 12:02

Tgt Ion:112 Resp: 5588

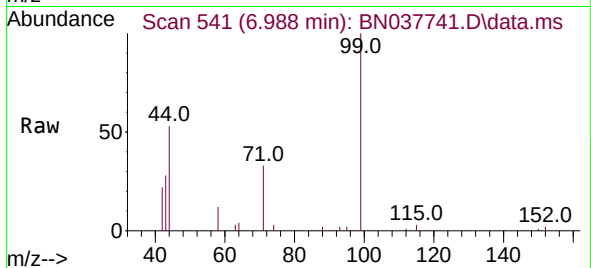
Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.9	67.3
63	28.7	24.7	37.1



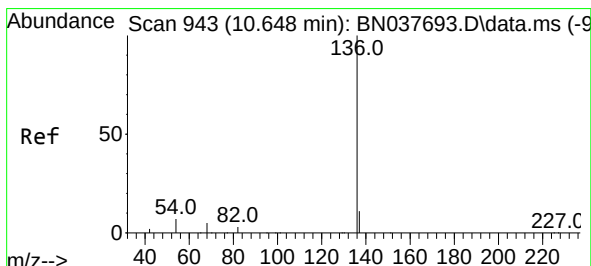
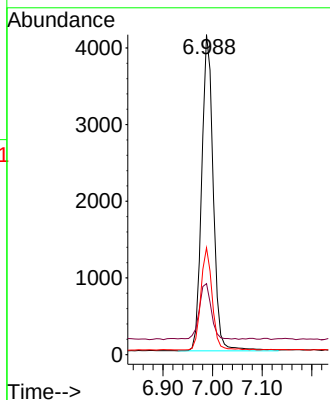
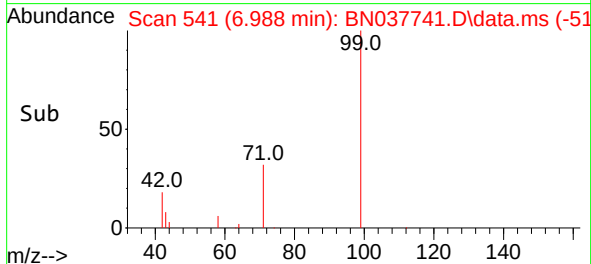


#5
Phenol-d6
Concen: 0.302 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

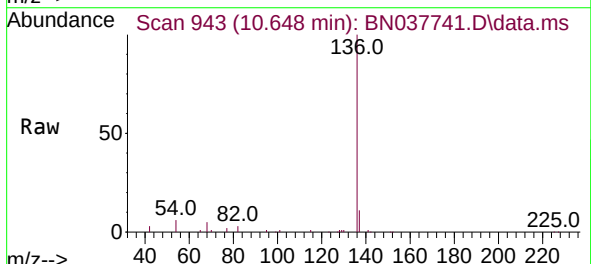
Instrument :
BNA_N
ClientSampleId :
PB169692BL



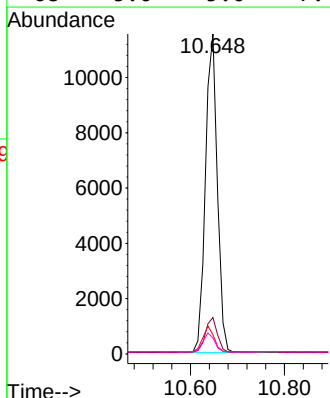
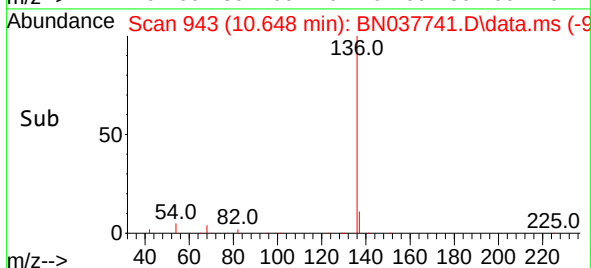
Tgt Ion:	99	Resp:	6691
Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.6	24.8
71	31.7	26.7	40.1

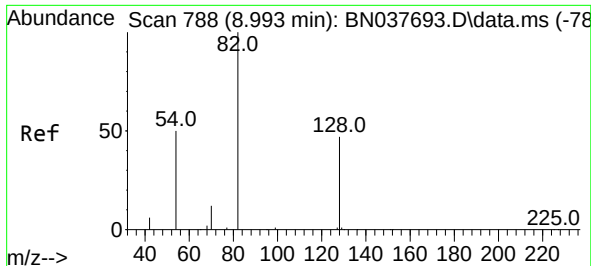


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02



Tgt Ion:	136	Resp:	20202
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.0	6.3	9.5
68	5.0	5.0	7.4

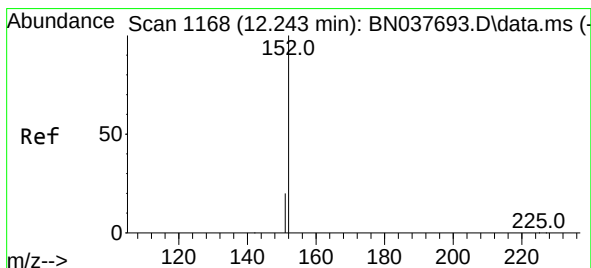
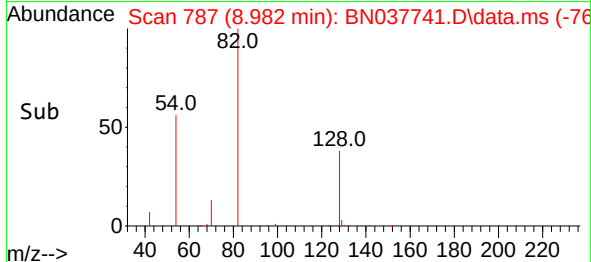
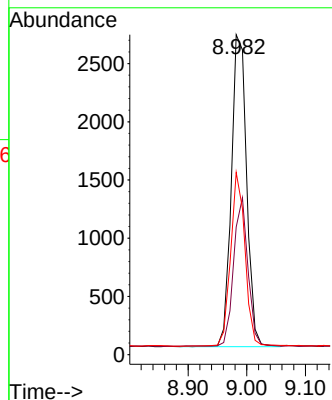
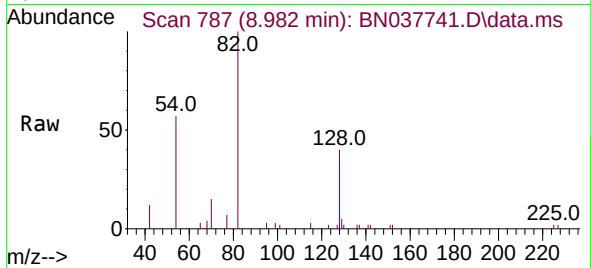




#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.982 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

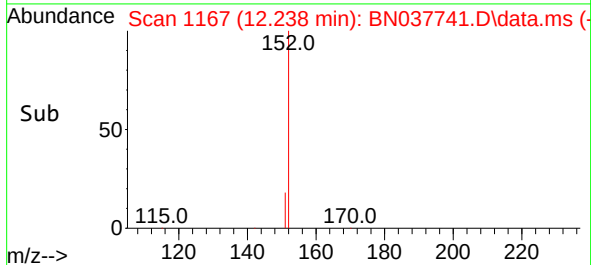
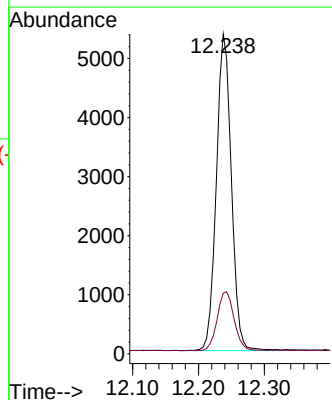
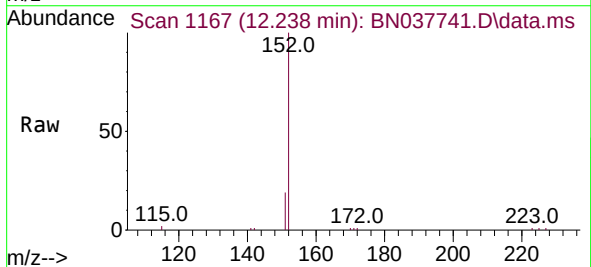
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BNA_N
ClientSampleId :
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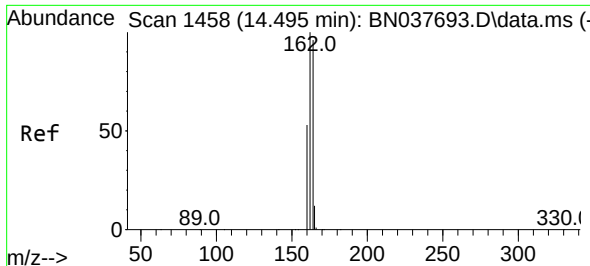
Tgt Ion: 82 Resp: 4866
Ion Ratio Lower Upper
82 100
128 39.9 38.3 57.5
54 56.9 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

Tgt Ion: 152 Resp: 8483
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6

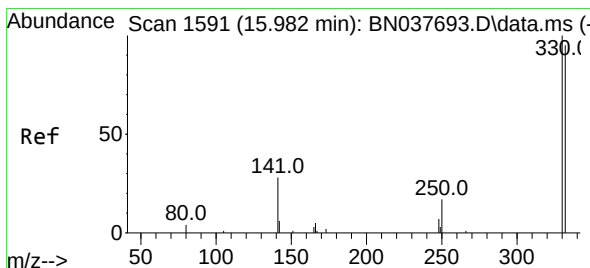
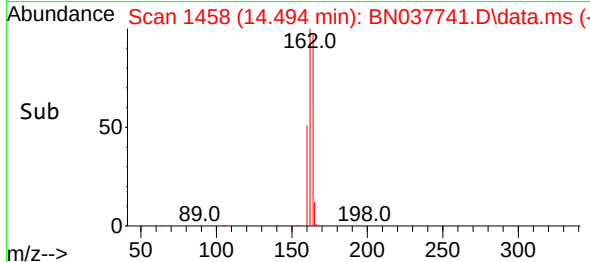
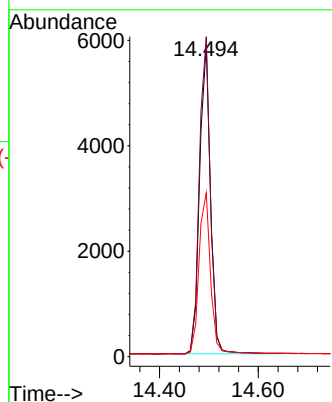
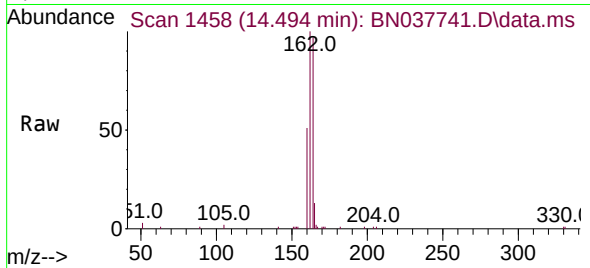




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.494 min Scan# 1458
 Delta R.T. -0.000 min
 Lab File: BN037741.D
 Acq: 17 Sep 2025 12:02

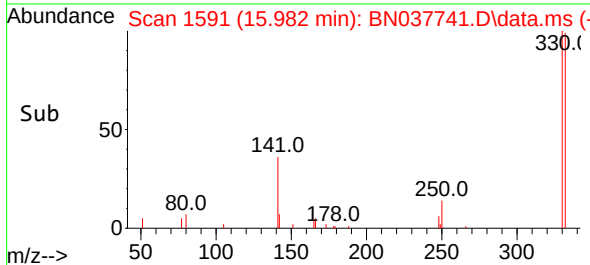
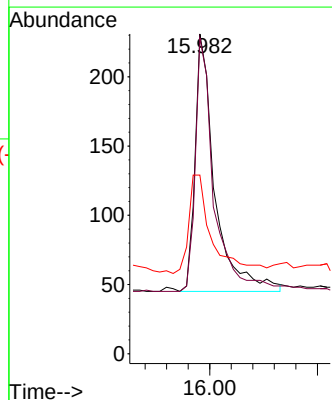
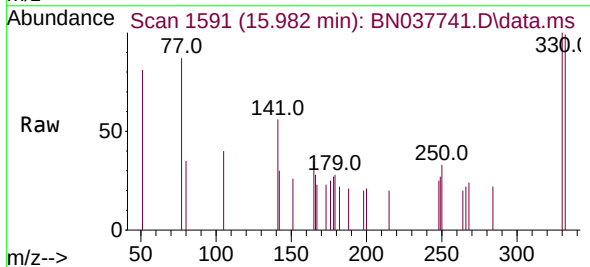
Instrument :
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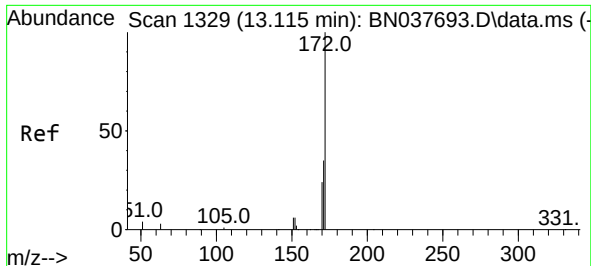
Tgt Ion:164 Resp: 8991
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.1 124.7
 160 52.5 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.202 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037741.D
 Acq: 17 Sep 2025 12:02

Tgt Ion:330 Resp: 473
 Ion Ratio Lower Upper
 330 100
 332 92.4 75.3 112.9
 141 44.8 35.0 52.4

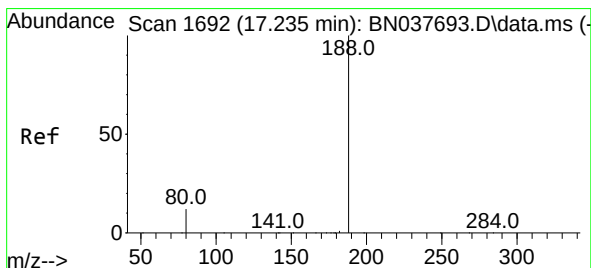
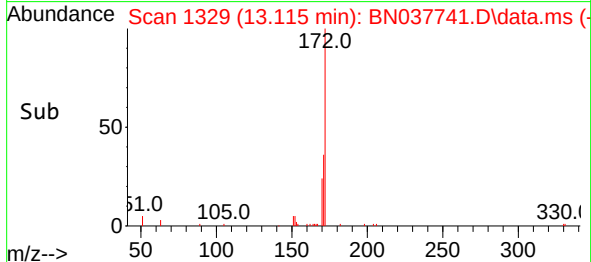
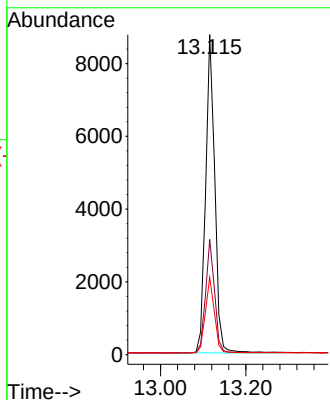
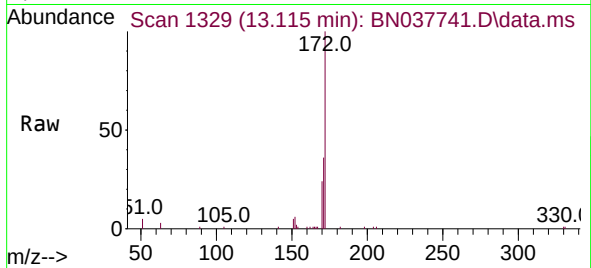




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

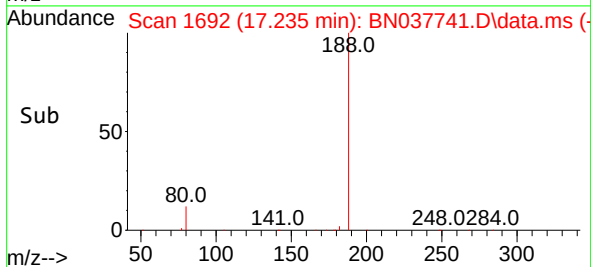
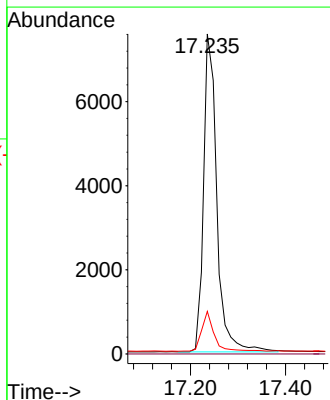
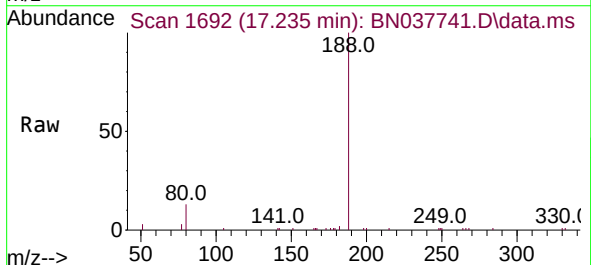
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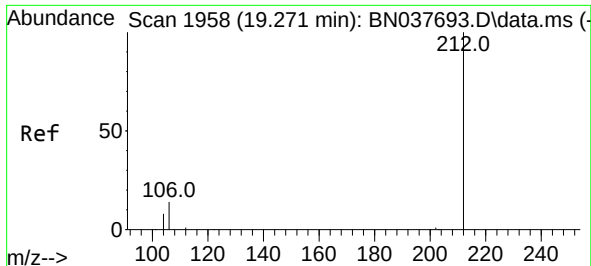
Tgt Ion:172 Resp: 13040
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

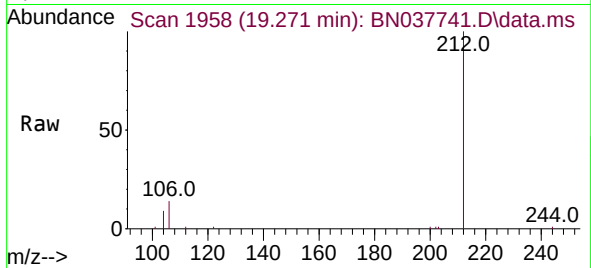
Tgt Ion:188 Resp: 14614
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 10.6 15.8



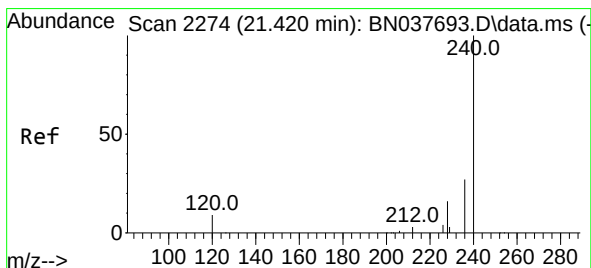
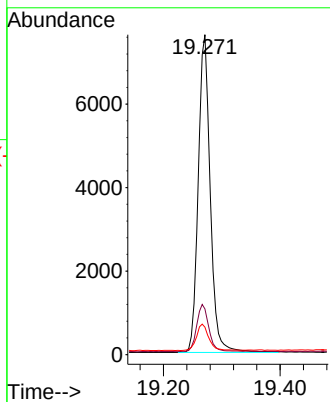
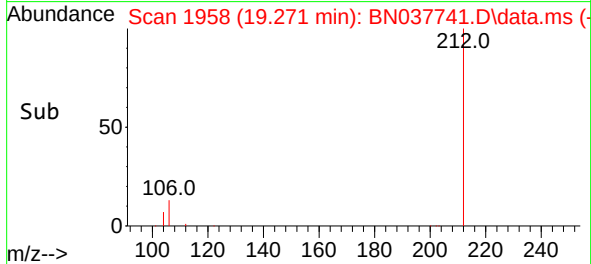


#27
Fluoranthene-d10
Concen: 0.296 ng
RT: 19.271 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

Instrument :
BNA_N
ClientSampleId :
PB169692BL

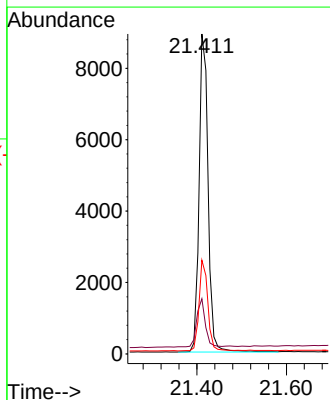
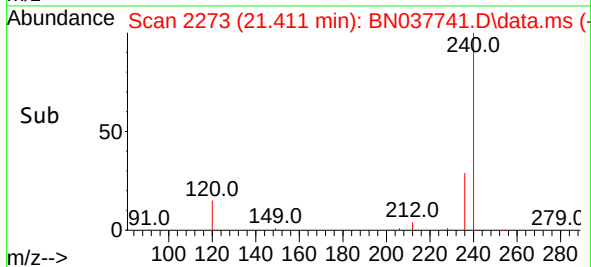
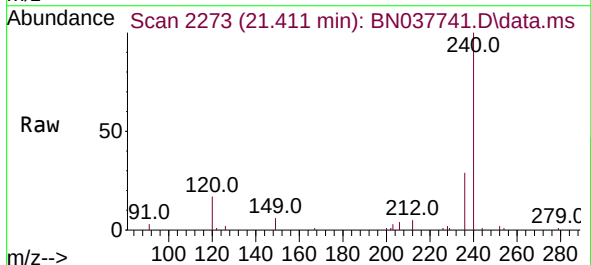


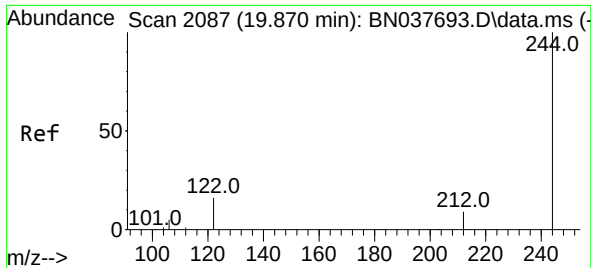
Tgt Ion:212 Resp: 10845
Ion Ratio Lower Upper
212 100
106 15.2 12.2 18.2
104 8.5 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037741.D
Acq: 17 Sep 2025 12:02

Tgt Ion:240 Resp: 12468
Ion Ratio Lower Upper
240 100
120 17.2 9.2 13.8#
236 29.3 22.6 33.8

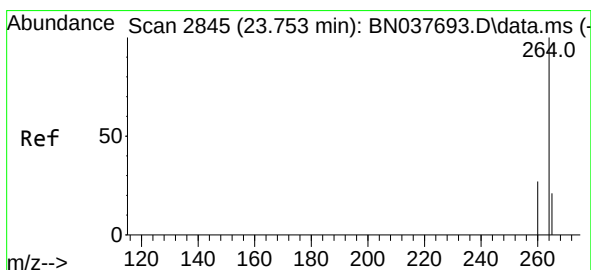
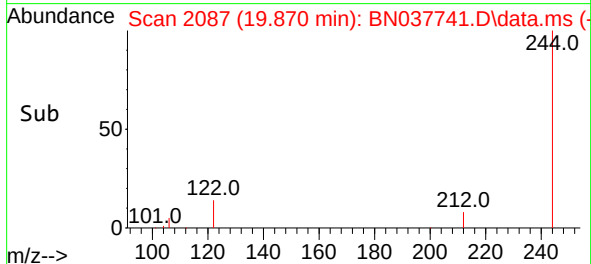
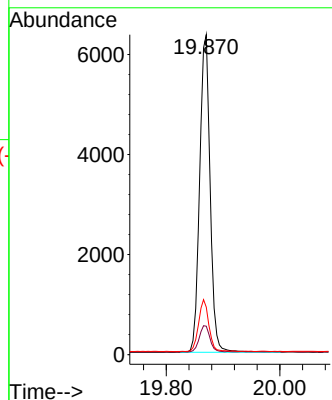
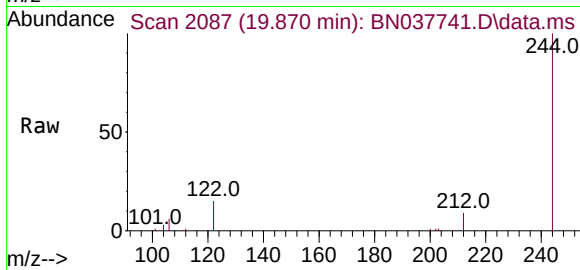




#31
 Terphenyl-d14
 Concen: 0.320 ng
 RT: 19.870 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: BN037741.D
 Acq: 17 Sep 2025 12:02

Instrument :
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 ClientSampleId :
 PB169692BL

Tgt Ion:244 Resp: 8091
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.5 11.3
 122 14.8 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.750 min Scan# 2844
 Delta R.T. -0.003 min
 Lab File: BN037741.D
 Acq: 17 Sep 2025 12:02

Tgt Ion:264 Resp: 13022
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.8 32.8
 265 56.4 39.4 59.2

