

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
 Data File : BN037699.D
 Acq On : 11 Sep 2025 14:45
 Operator : RC/JU
 Sample : PB169529BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169529BL

Quant Time: Sep 11 16:01:19 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	5505	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	14343	0.400	ng	0.00
13) Acenaphthene-d10	14.494	164	6285	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	10830	0.400	ng	0.00
29) Chrysene-d12	21.420	240	9707	0.400	ng	0.00
35) Perylene-d12	23.750	264	9481	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	4121	0.326	ng	0.00
5) Phenol-d6	6.988	99	5143	0.314	ng	0.00
8) Nitrobenzene-d5	8.993	82	3848	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	12.243	152	6423	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	310	0.189	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	10038	0.382	ng	0.00
27) Fluoranthene-d10	19.271	212	9422	0.347	ng	0.00
31) Terphenyl-d14	19.870	244	7212	0.366	ng	0.00

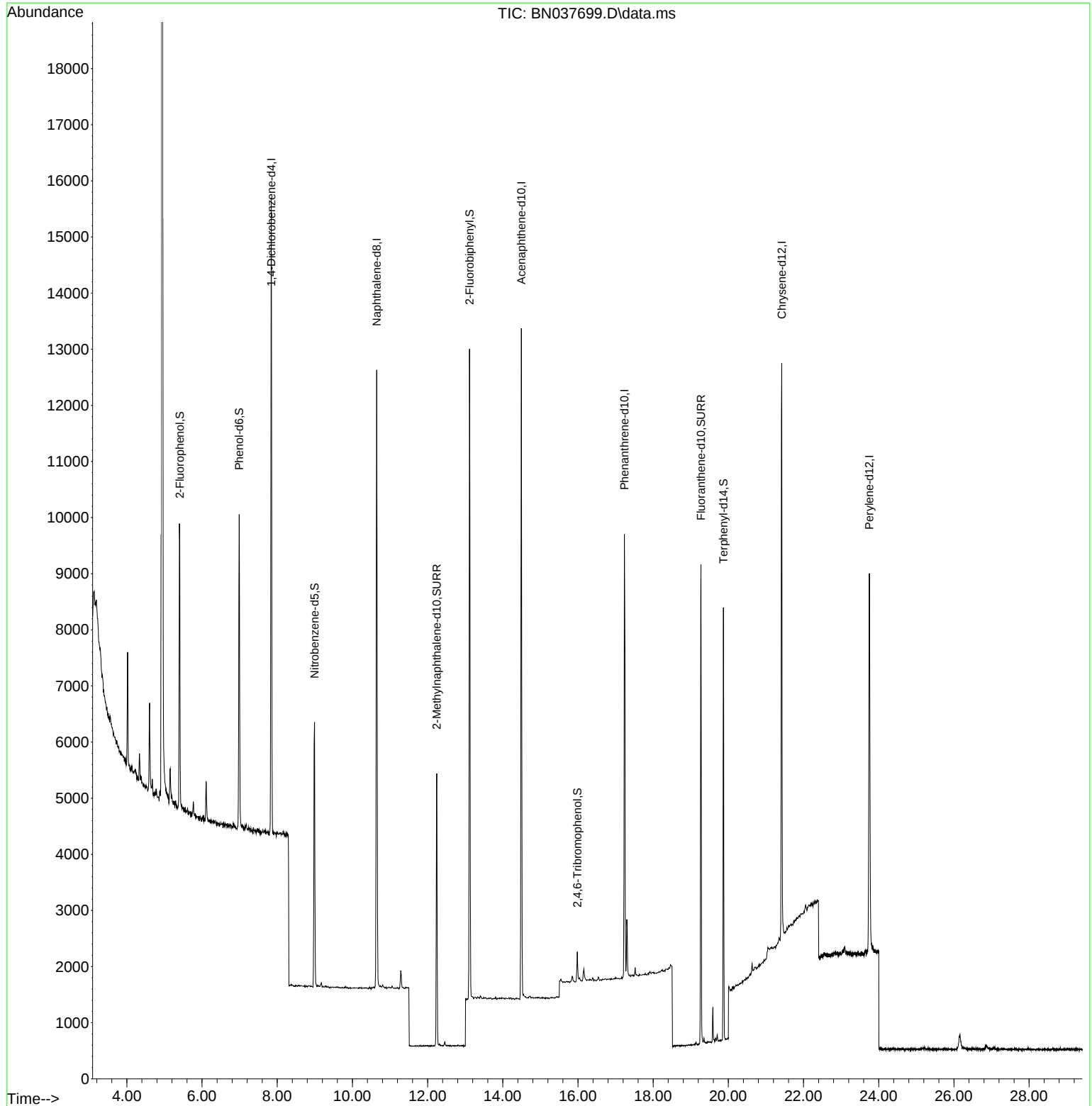
Target Compounds Qvalue

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

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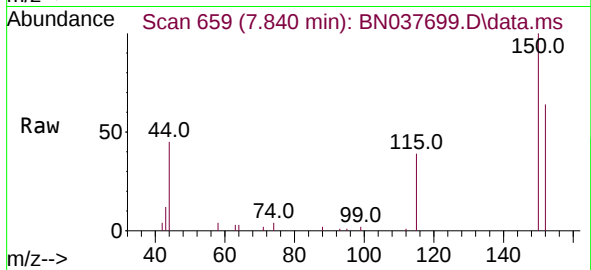
Quant Time: Sep 11 16:01:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
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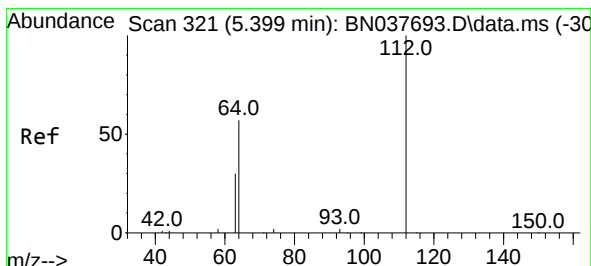
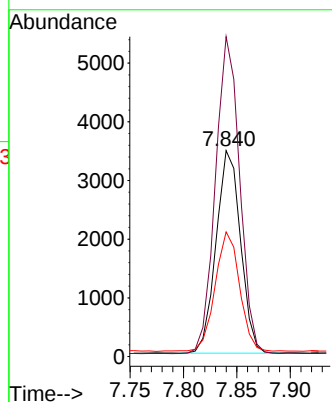
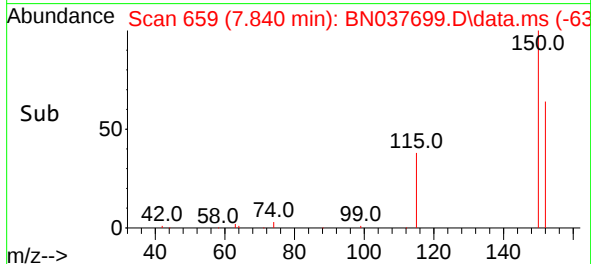


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037699.D
 Acq: 11 Sep 2025 14:45

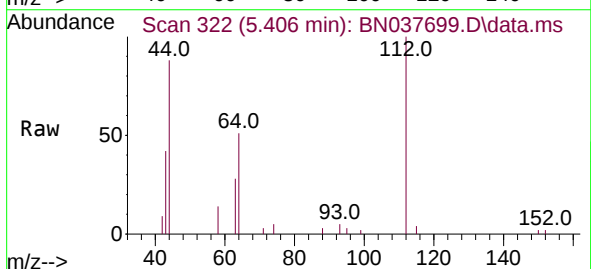
Instrument :
 BNA_N
 ClientSampleId :
 PB169529BL



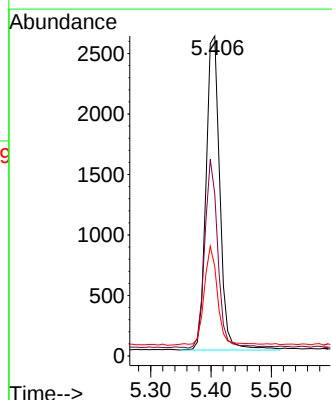
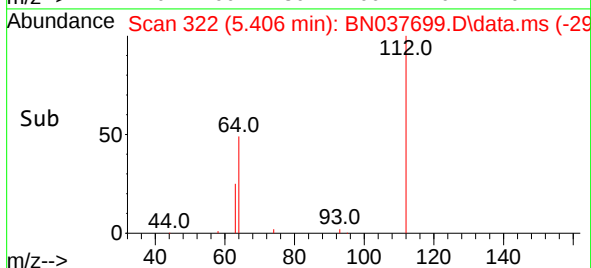
Tgt Ion:152 Resp: 5505
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.5 186.7
 115 60.5 49.2 73.8

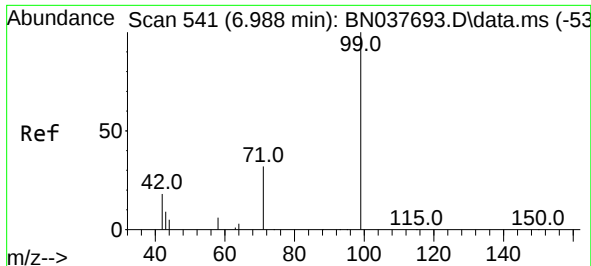


#4
 2-Fluorophenol
 Concen: 0.326 ng
 RT: 5.406 min Scan# 322
 Delta R.T. 0.007 min
 Lab File: BN037699.D
 Acq: 11 Sep 2025 14:45



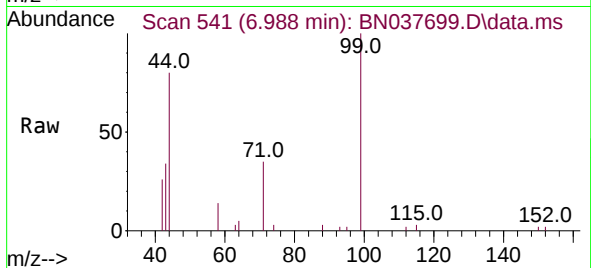
Tgt Ion:112 Resp: 4121
 Ion Ratio Lower Upper
 112 100
 64 57.7 44.9 67.3
 63 30.5 24.7 37.1



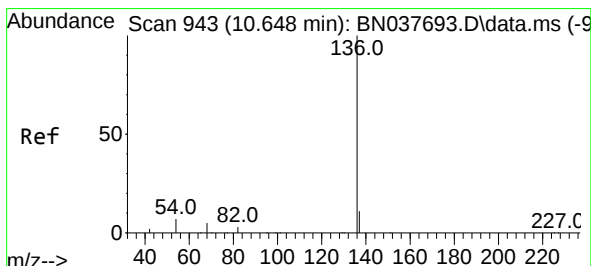
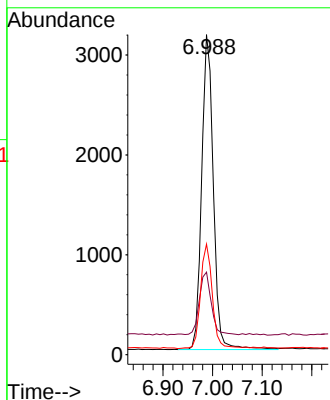
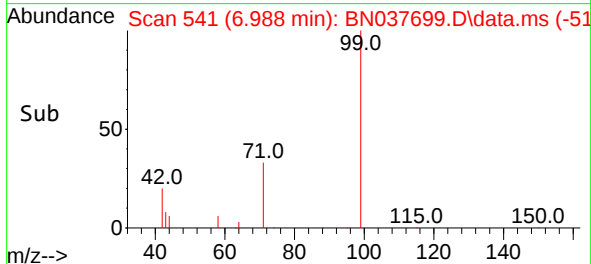


#5
Phenol-d6
Concen: 0.314 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037699.D
Acq: 11 Sep 2025 14:45

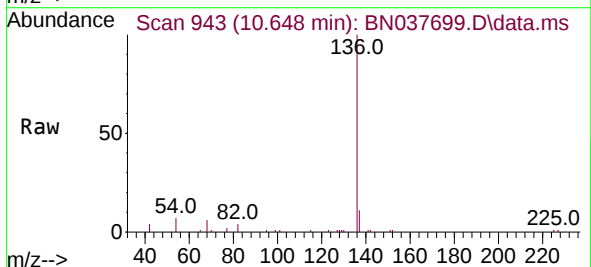
Instrument :
BNA_N
ClientSampleId :
PB169529BL



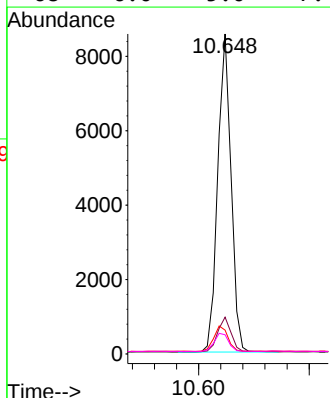
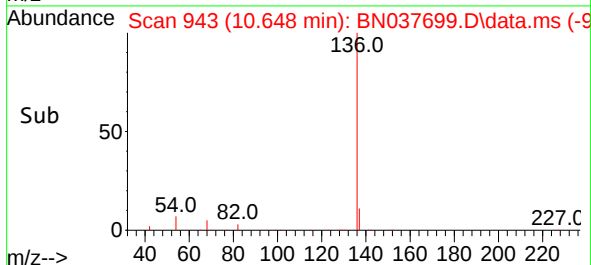
Tgt Ion:	99	Resp:	5143
Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.6	24.8
71	33.6	26.7	40.1

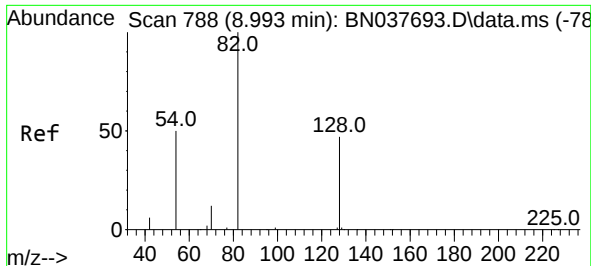


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN037699.D
Acq: 11 Sep 2025 14:45



Tgt Ion:	136	Resp:	14343
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.4	6.3	9.5
68	6.0	5.0	7.4

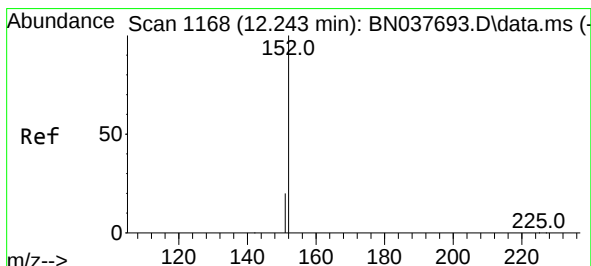
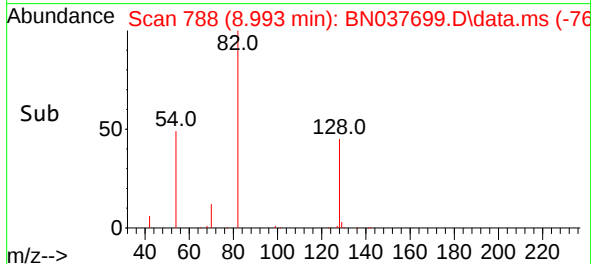
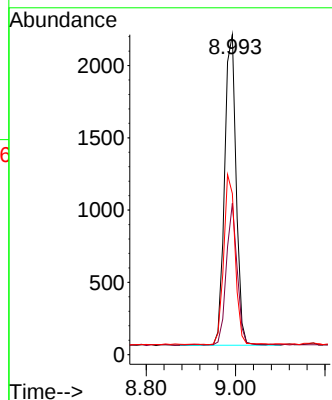
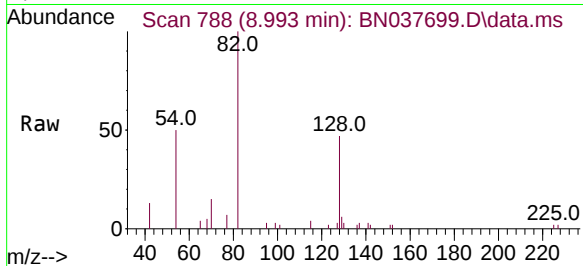




#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN037699.D
Acq: 11 Sep 2025 14:45

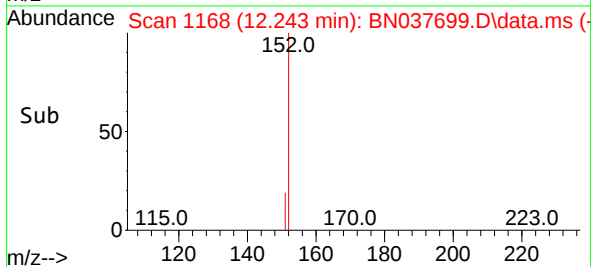
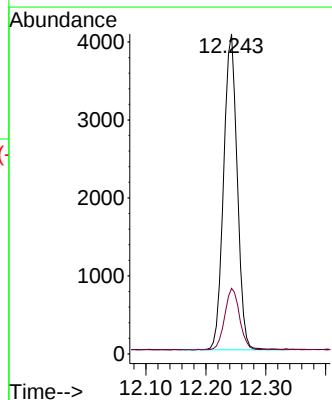
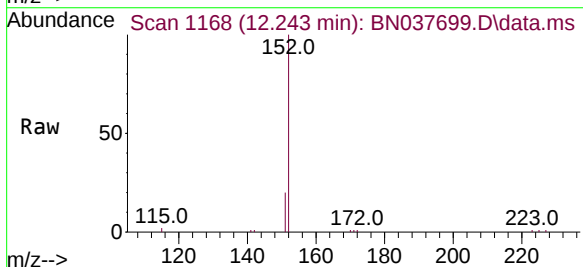
Instrument :
BNA_N
ClientSampleId :
PB169529BL

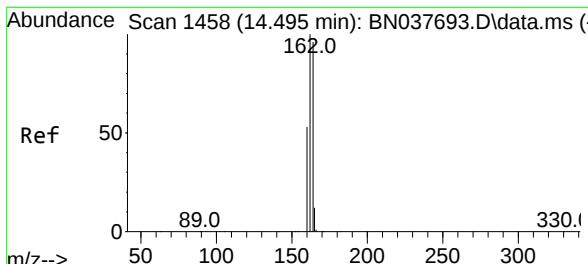
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.3	57.5
54	50.3	41.4	62.2



#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.243 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN037699.D
Acq: 11 Sep 2025 14:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.0	25.6

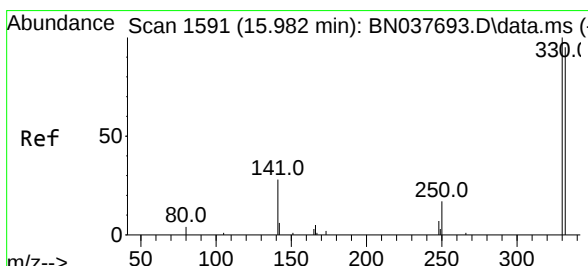
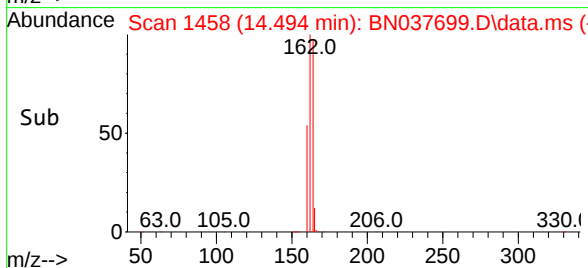
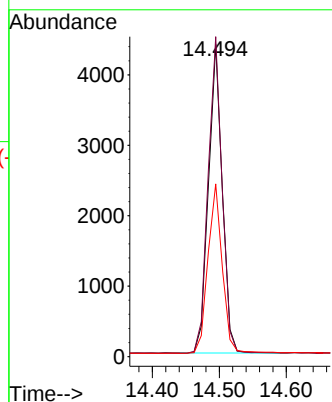
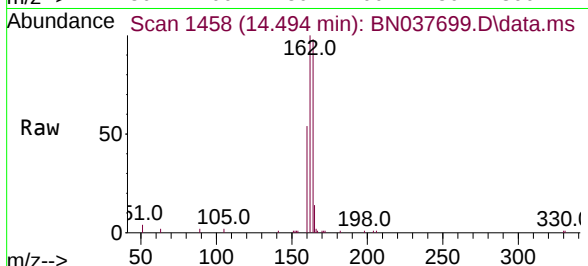




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.494 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN037699.D
Acq: 11 Sep 2025 14:45

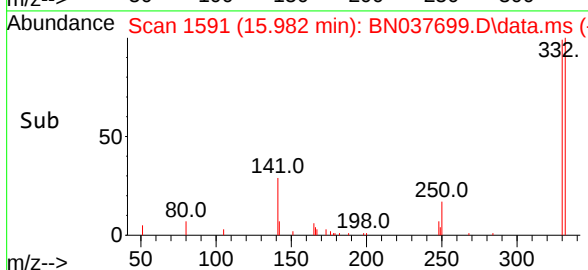
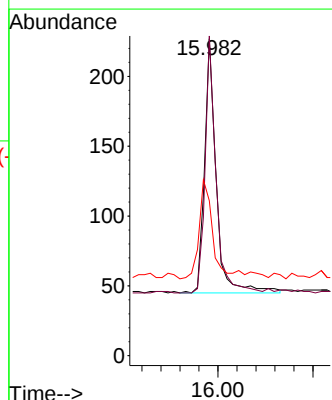
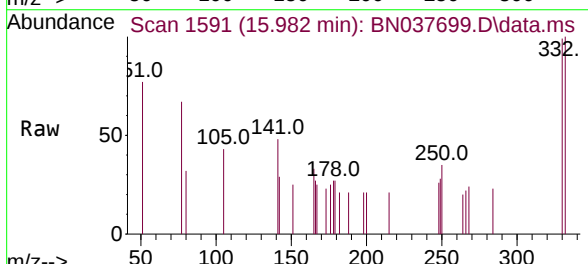
Instrument :
BNA_N
ClientSampleId :
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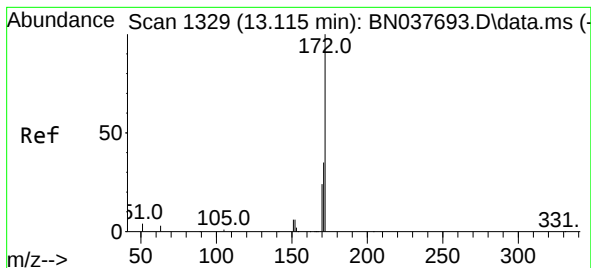
Tgt Ion:	164	Resp:	6285
Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.1	124.7
160	55.3	44.3	66.5



#14
2,4,6-Tribromophenol
Concen: 0.189 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037699.D
Acq: 11 Sep 2025 14:45

Tgt Ion:	330	Resp:	310
Ion	Ratio	Lower	Upper
330	100		
332	93.5	75.3	112.9
141	44.2	35.0	52.4

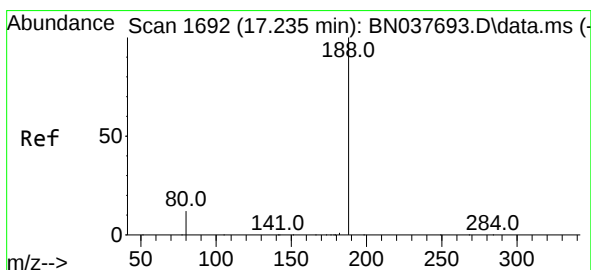
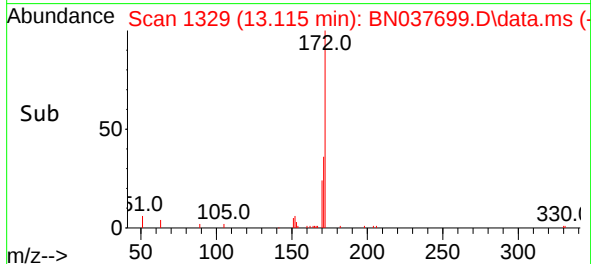
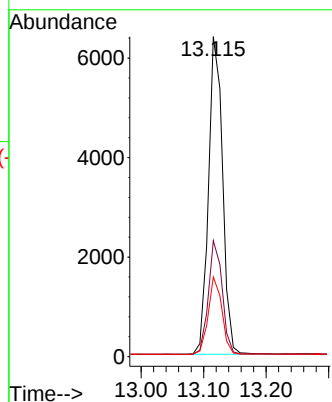
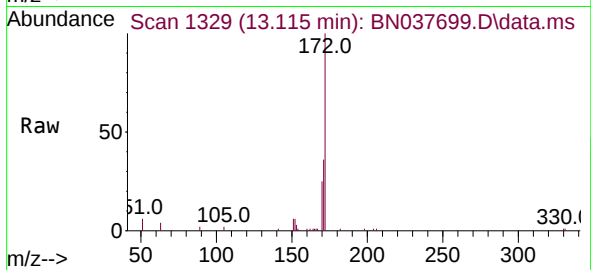




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037699.D
Acq: 11 Sep 2025 14:45

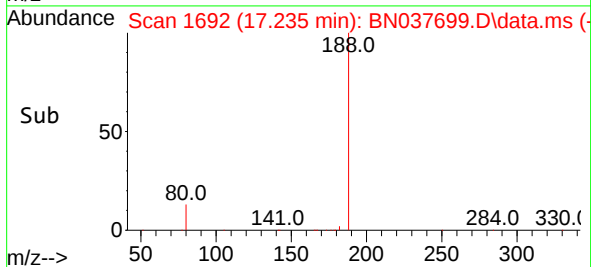
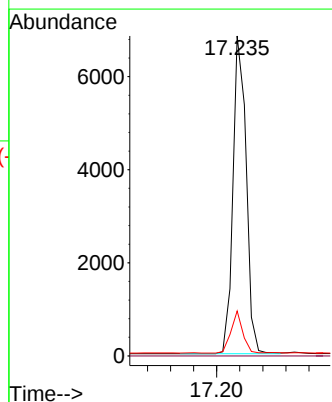
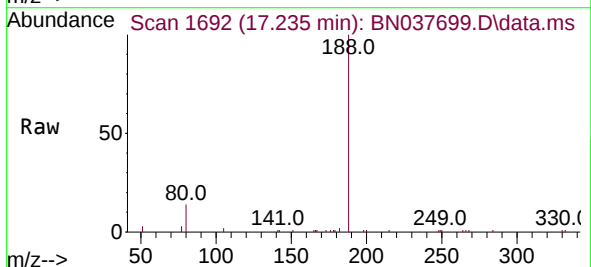
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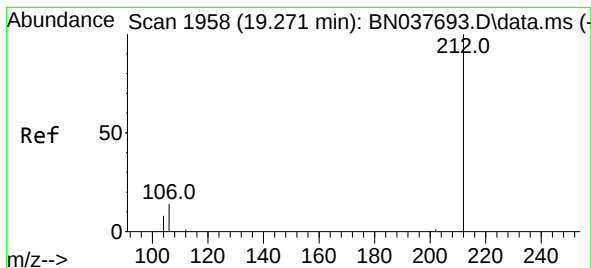
Tgt Ion:172 Resp: 10038
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.9 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037699.D
Acq: 11 Sep 2025 14:45

Tgt Ion:188 Resp: 10830
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 10.6 15.8





#27

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.271 min Scan# 1958

Delta R.T. -0.000 min

Lab File: BN037699.D

Acq: 11 Sep 2025 14:45

Instrument :

BNA_N

ClientSampleId :

PB169529BL

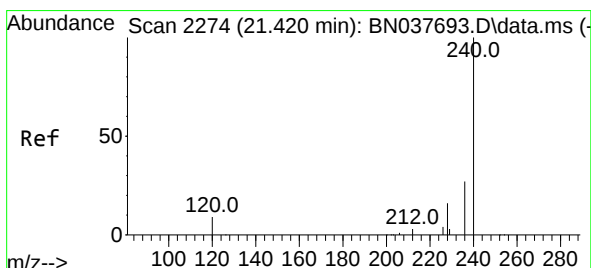
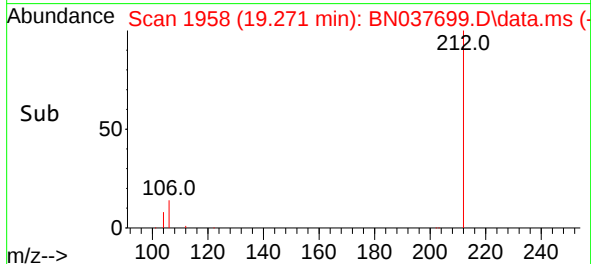
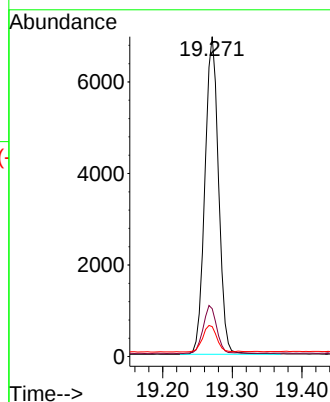
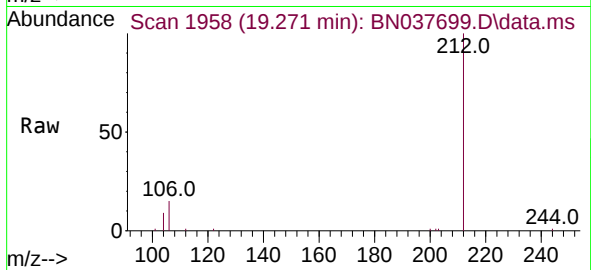
Tgt Ion:212 Resp: 9422

Ion Ratio Lower Upper

212 100

106 15.1 12.2 18.2

104 8.5 6.9 10.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.420 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BN037699.D

Acq: 11 Sep 2025 14:45

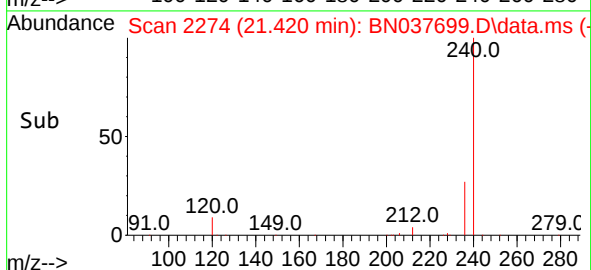
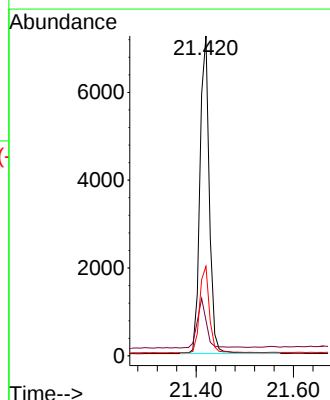
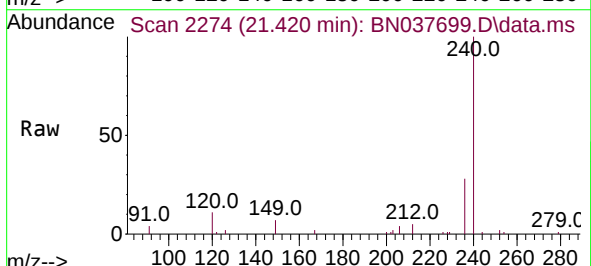
Tgt Ion:240 Resp: 9707

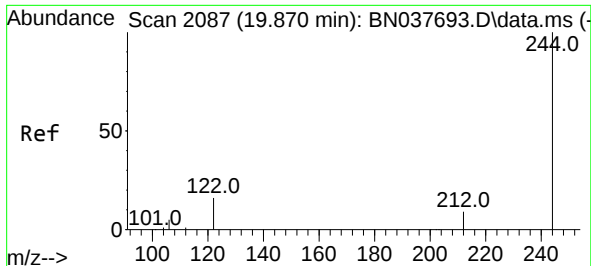
Ion Ratio Lower Upper

240 100

120 11.1 9.2 13.8

236 28.0 22.6 33.8

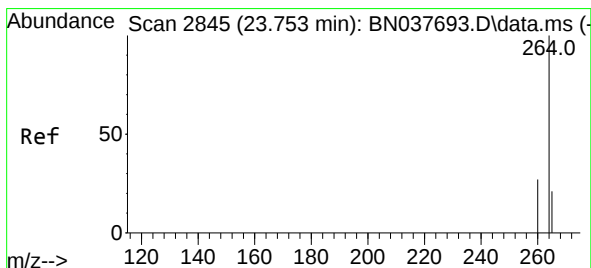
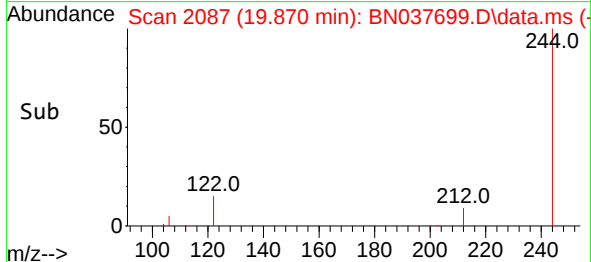
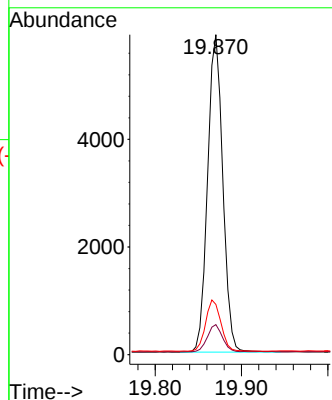
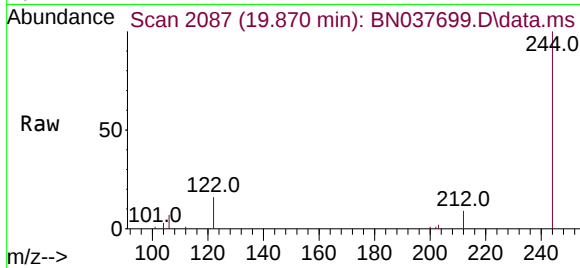




#31
 Terphenyl-d14
 Concen: 0.366 ng
 RT: 19.870 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: BN037699.D
 Acq: 11 Sep 2025 14:45

Instrument :
 BNA_N
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 PB169529BL

Tgt Ion:244	Resp:	7212
Ion Ratio	Lower	Upper
244	100	
212	9.4	7.5 11.3
122	15.7	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: BN037699.D
 Acq: 11 Sep 2025 14:45

Tgt Ion:264	Resp:	9481
Ion Ratio	Lower	Upper
264	100	
260	27.3	21.8 32.8
265	48.8	39.4 59.2

