

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038312.D
 Acq On : 11 Dec 2025 11:49
 Operator : RC/JU
 Sample : PB170850BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170850BL

Quant Time: Dec 11 12:18:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	6927	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	17922	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	8615	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	14660	0.400	ng	# 0.00
29) Chrysene-d12	21.348	240	9357	0.400	ng	0.00
35) Perylene-d12	23.642	264	9320	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	6513	0.378	ng	0.00
5) Phenol-d6	6.894	99	7234	0.353	ng	0.00
8) Nitrobenzene-d5	8.875	82	6016	0.398	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	9148	0.362	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	576	0.151	ng	0.00
15) 2-Fluorobiphenyl	13.019	172	15599	0.376	ng	0.01
27) Fluoranthene-d10	19.187	212	12817	0.354	ng	0.00
31) Terphenyl-d14	19.791	244	9454	0.453	ng	0.00

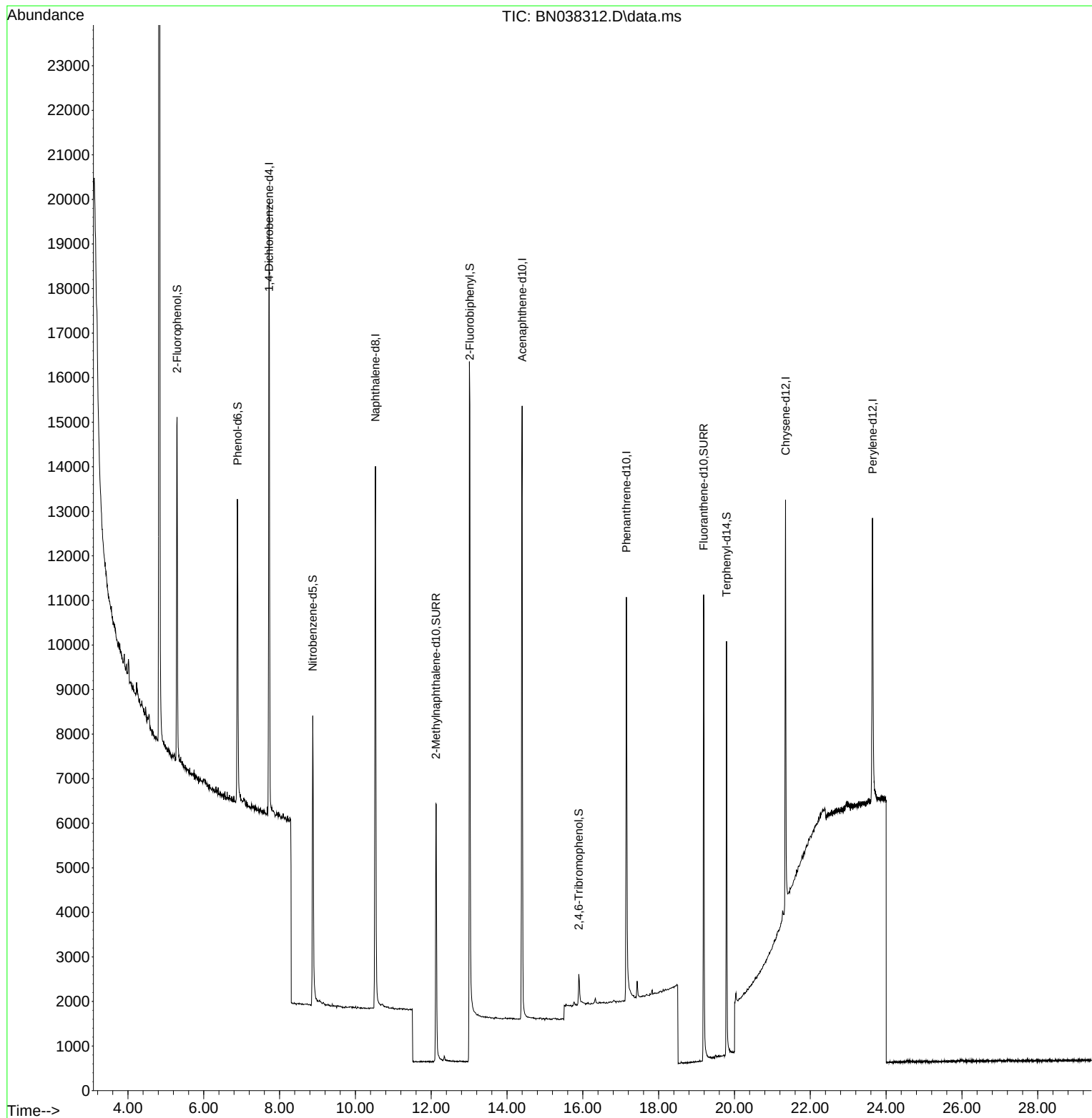
Target Compounds Qvalue

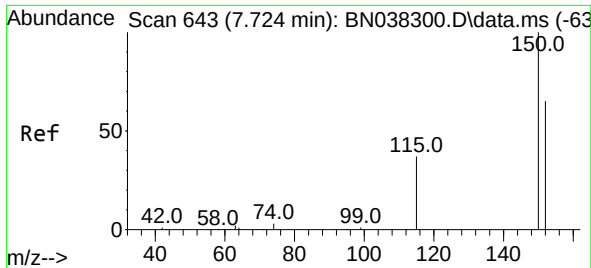
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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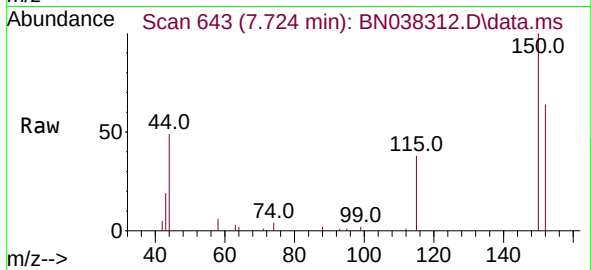
Quant Time: Dec 11 12:18:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



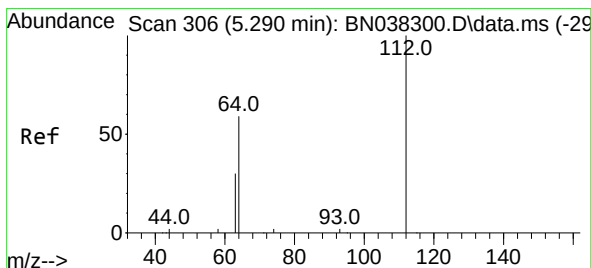
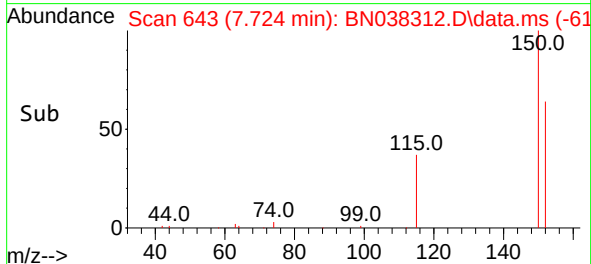
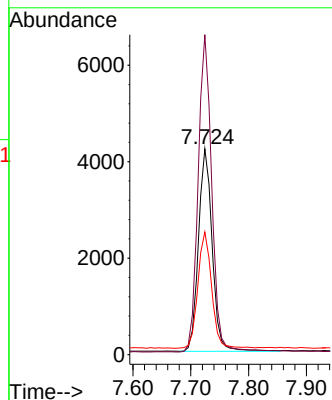


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038312.D
 Acq: 11 Dec 2025 11:49

Instrument :
 BNA_N
 ClientSampleId :
 PB170850BL

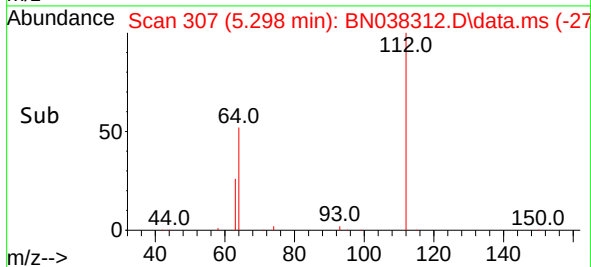
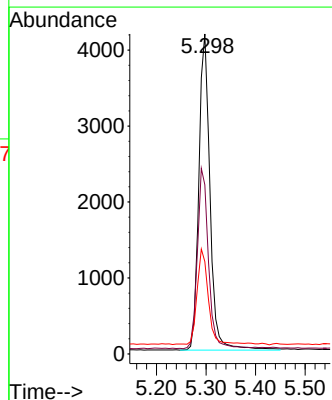
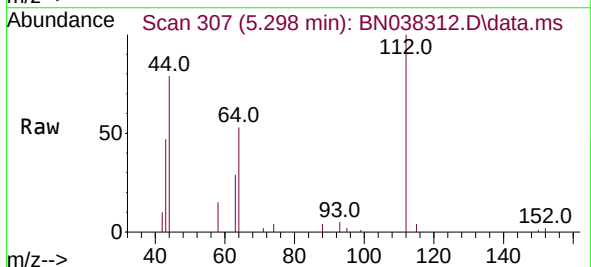


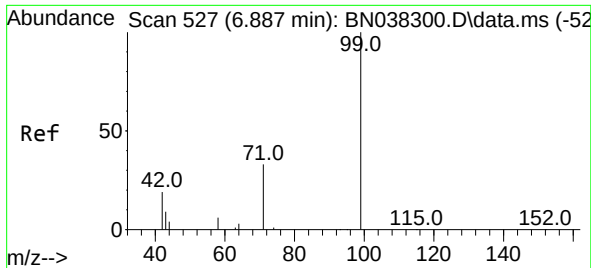
Tgt Ion:152 Resp: 6927
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.4 183.6
 115 59.6 47.3 70.9



#4
 2-Fluorophenol
 Concen: 0.378 ng
 RT: 5.298 min Scan# 307
 Delta R.T. 0.007 min
 Lab File: BN038312.D
 Acq: 11 Dec 2025 11:49

Tgt Ion:112 Resp: 6513
 Ion Ratio Lower Upper
 112 100
 64 57.0 44.4 66.6
 63 31.5 23.4 35.0

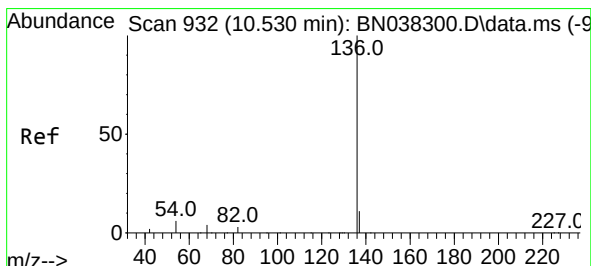
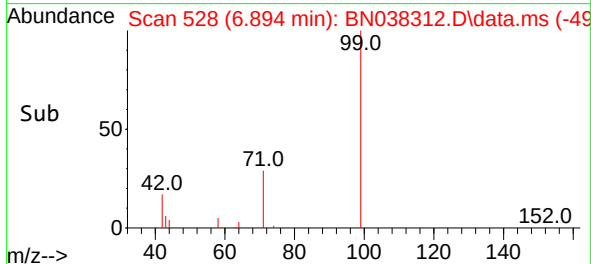
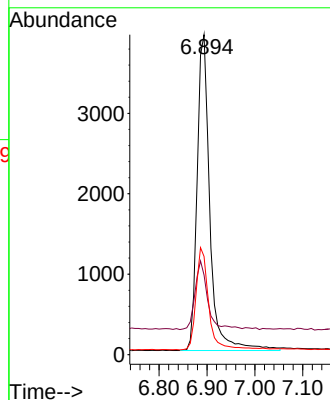
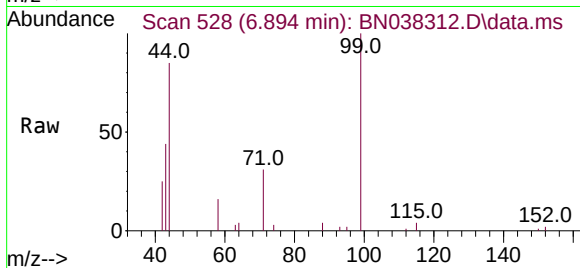




#5
Phenol-d6
Concen: 0.353 ng
RT: 6.894 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

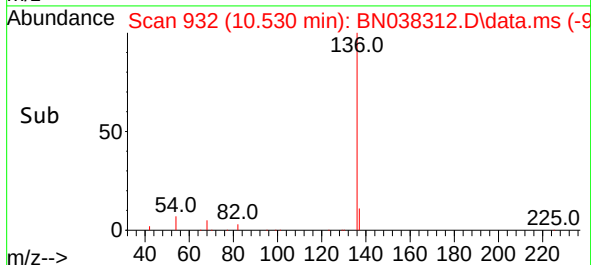
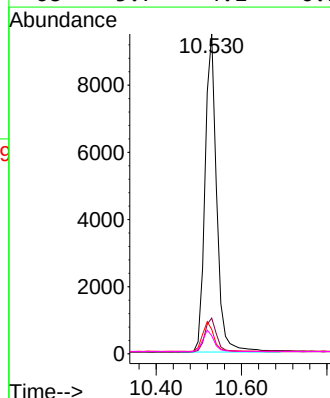
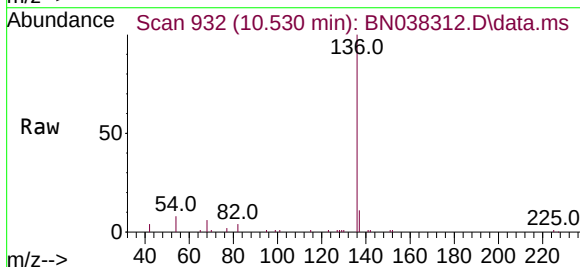
Instrument :
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ClientSampleId :
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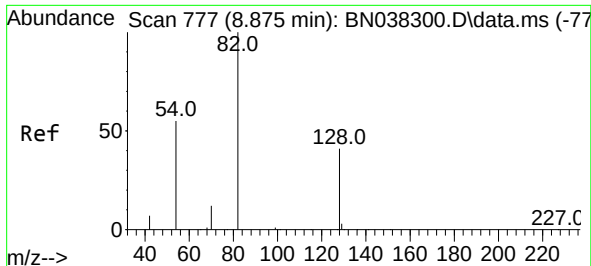
Tgt Ion:	99	Resp:	7234
Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.5	24.7
71	32.7	24.9	37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

Tgt Ion:	136	Resp:	17922
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.6	5.2	7.8
68	5.7	4.1	6.1

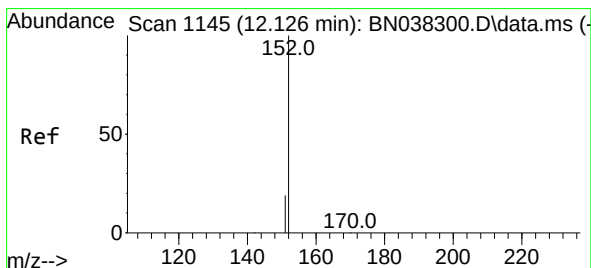
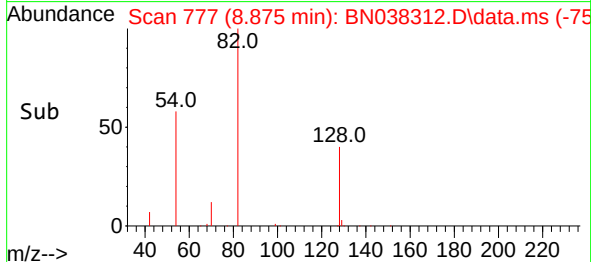
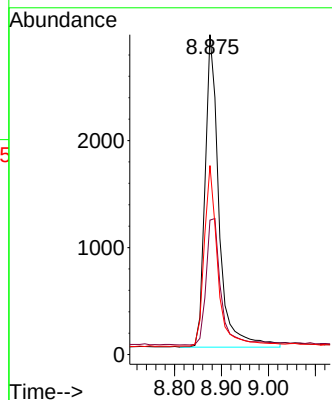
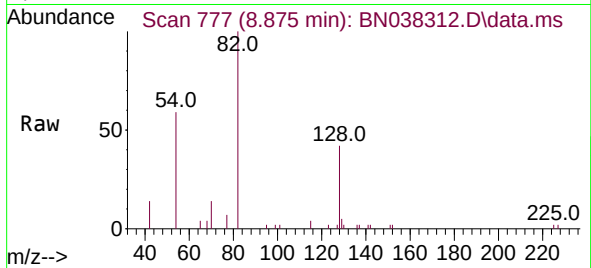




#8
 Nitrobenzene-d5
 Concen: 0.398 ng
 RT: 8.875 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: BN038312.D
 Acq: 11 Dec 2025 11:49

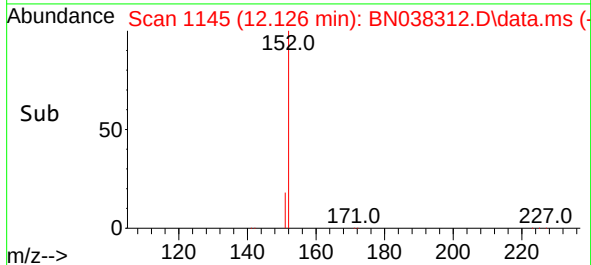
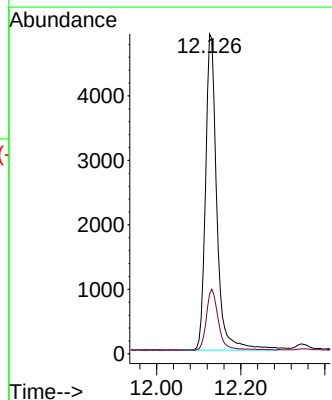
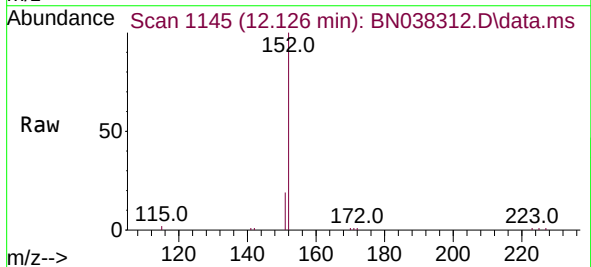
Instrument :
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 ClientSampleId :
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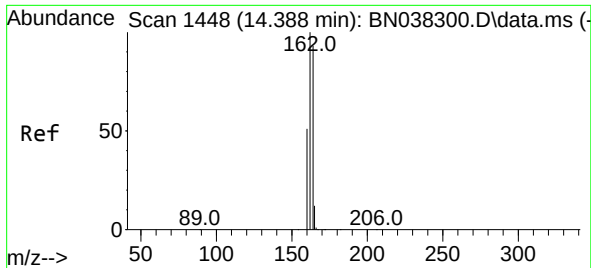
Tgt Ion:	82	Resp:	6016
Ion Ratio	Lower	Upper	
82	100		
128	42.0	34.0	51.0
54	59.1	44.4	66.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.362 ng
 RT: 12.126 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: BN038312.D
 Acq: 11 Dec 2025 11:49

Tgt Ion:	152	Resp:	9148
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.0	25.6

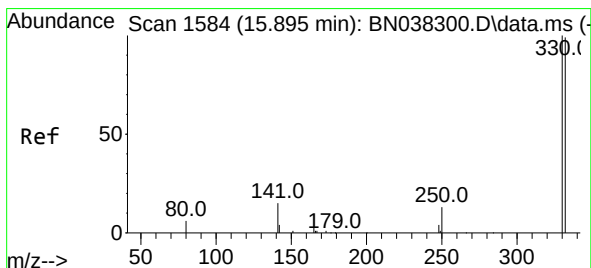
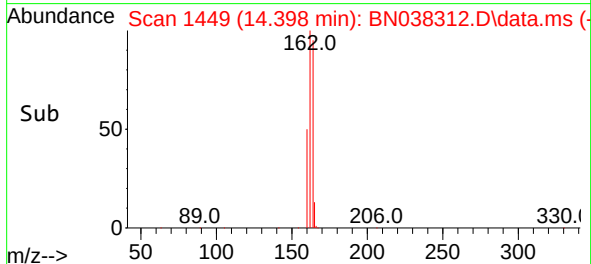
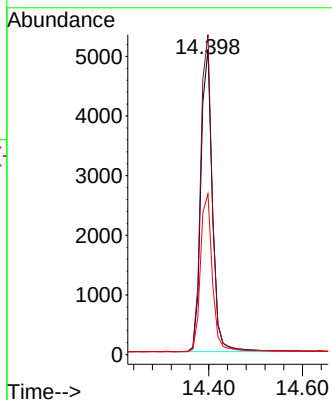
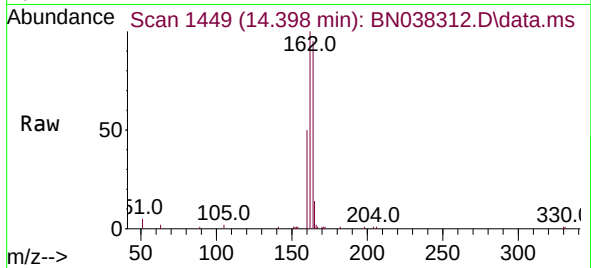




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.398 min Scan# 1449
 Delta R.T. 0.000 min
 Lab File: BN038312.D
 Acq: 11 Dec 2025 11:49

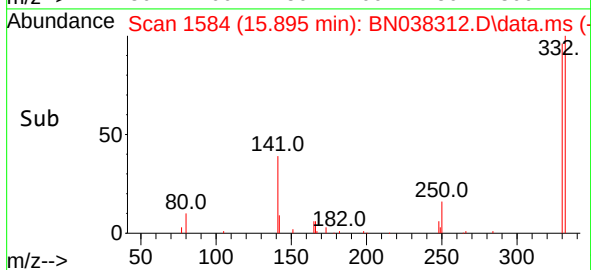
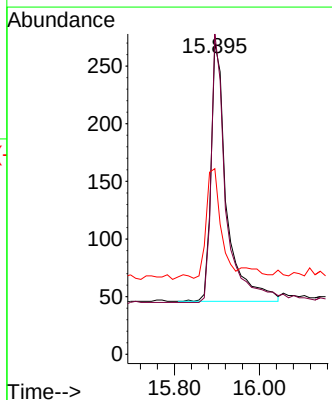
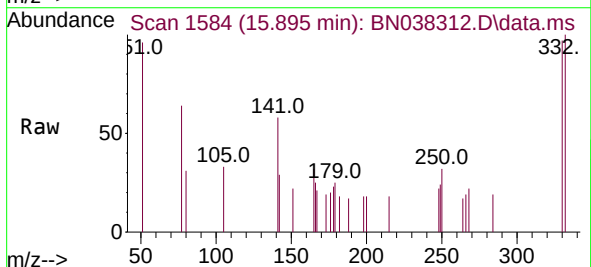
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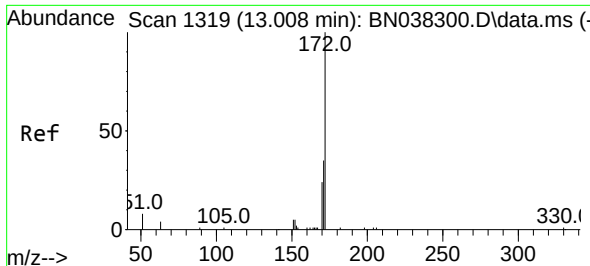
Tgt Ion:164 Resp: 8615
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.2 129.4
 160 52.6 44.6 67.0



#14
 2,4,6-Tribromophenol
 Concen: 0.151 ng
 RT: 15.895 min Scan# 1584
 Delta R.T. 0.000 min
 Lab File: BN038312.D
 Acq: 11 Dec 2025 11:49

Tgt Ion:330 Resp: 576
 Ion Ratio Lower Upper
 330 100
 332 98.1 75.8 113.6
 141 39.2 31.8 47.8

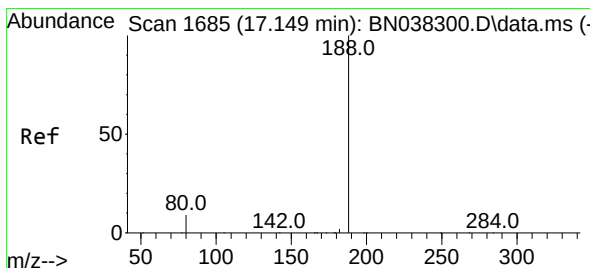
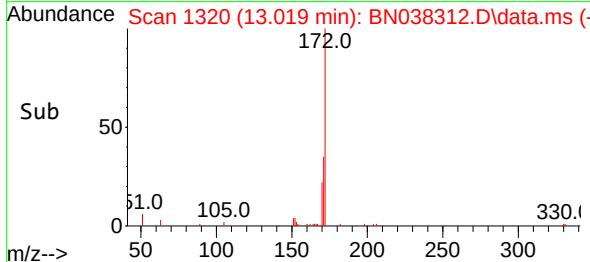
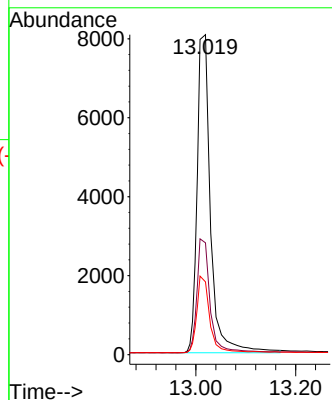
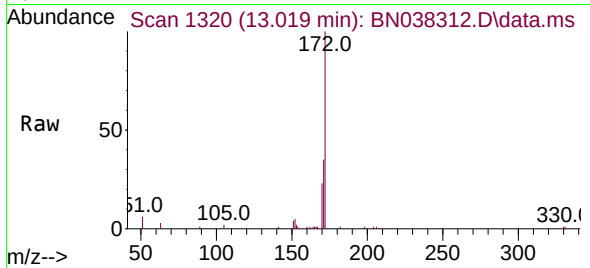




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.019 min Scan# 1319
Delta R.T. 0.011 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

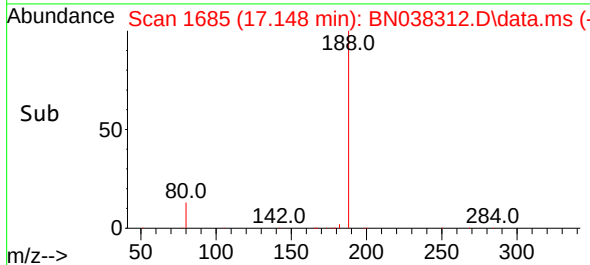
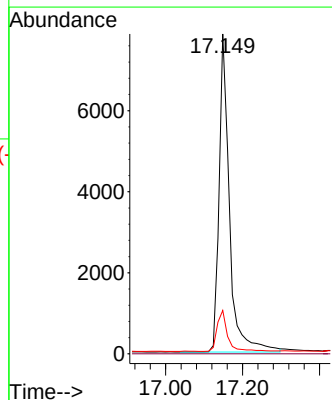
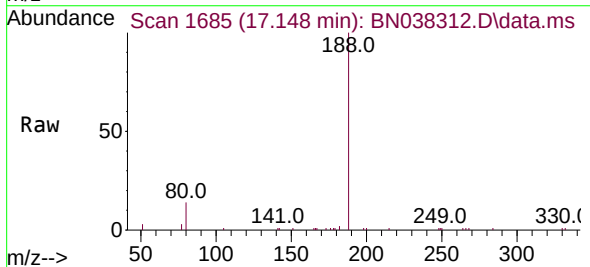
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BNA_N
ClientSampleId :
PB170850BL

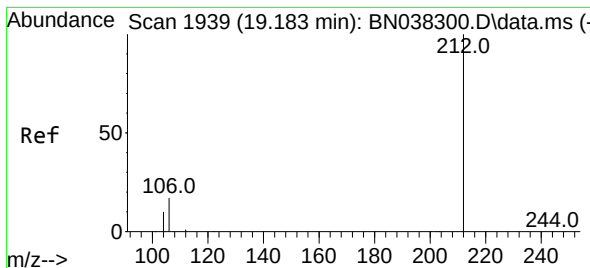
Tgt Ion:	172	Resp:	15599
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	42.8
170	22.7	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

Tgt Ion:	188	Resp:	14660
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.6	7.4	11.0





#27

Fluoranthene-d10

Concen: 0.354 ng

RT: 19.187 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BN038312.D

Acq: 11 Dec 2025 11:49

Instrument :

BNA_N

ClientSampleId :

PB170850BL

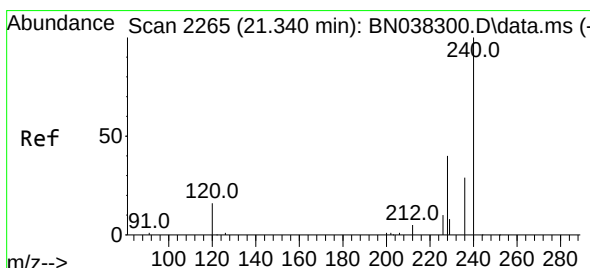
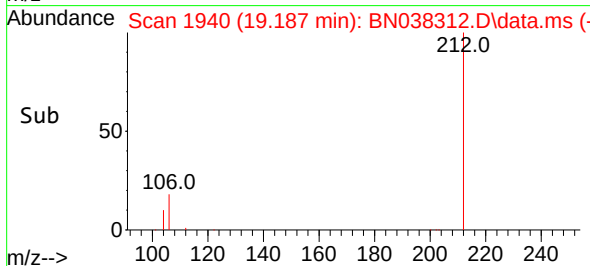
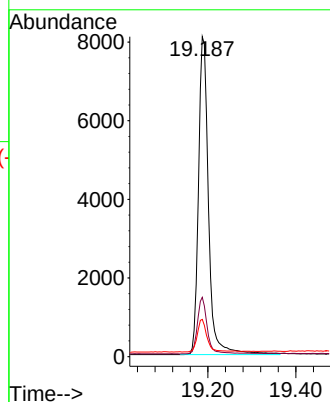
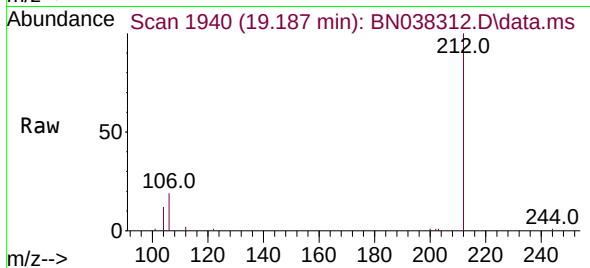
Tgt Ion:212 Resp: 12817

Ion Ratio Lower Upper

212 100

106 17.2 13.7 20.5

104 9.8 7.8 11.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.348 min Scan# 2266

Delta R.T. 0.009 min

Lab File: BN038312.D

Acq: 11 Dec 2025 11:49

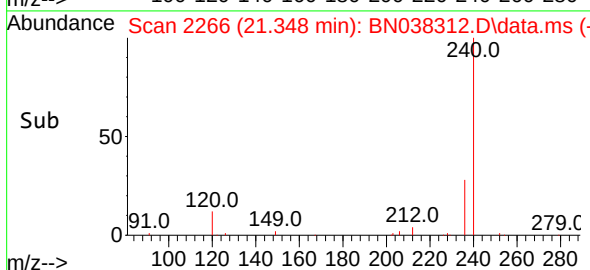
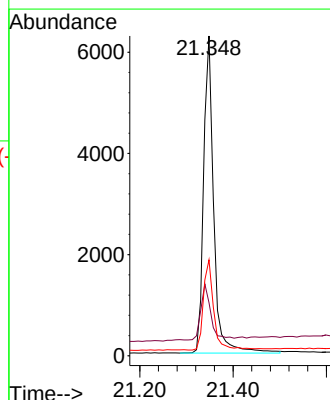
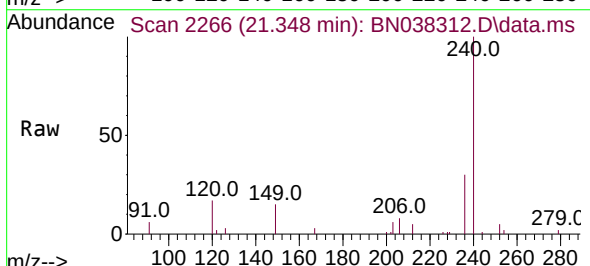
Tgt Ion:240 Resp: 9357

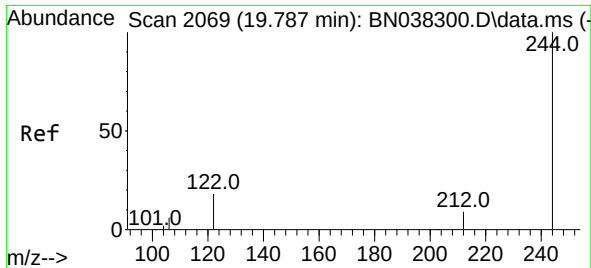
Ion Ratio Lower Upper

240 100

120 16.6 15.4 23.2

236 30.0 23.9 35.9

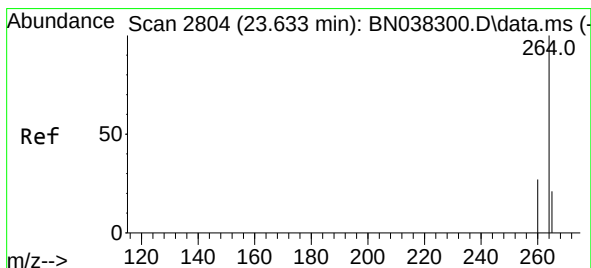
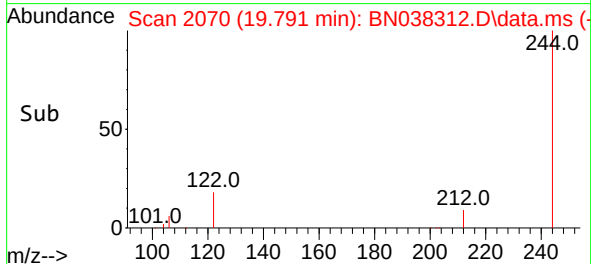
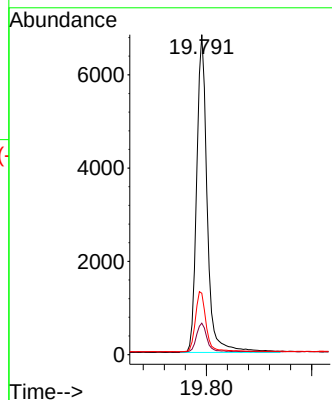
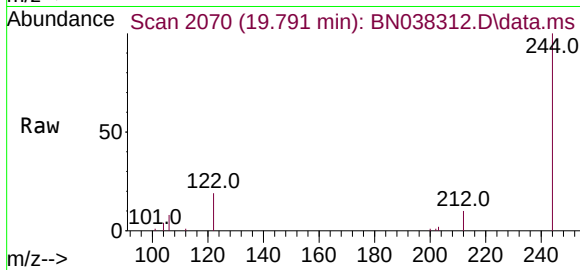




#31
Terphenyl-d14
Concen: 0.453 ng
RT: 19.791 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

Instrument :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.9	11.9
122	19.2	15.0	22.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.642 min Scan# 2807
Delta R.T. 0.009 min
Lab File: BN038312.D
Acq: 11 Dec 2025 11:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.2	33.2
265	114.6	80.2	120.2

