

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038331.D
 Acq On : 12 Dec 2025 00:36
 Operator : RC/JU
 Sample : PB170850BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170850BL

Quant Time: Dec 12 04:16:42 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	5902	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	15151	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	7333	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	11968	0.400	ng	# 0.00
29) Chrysene-d12	21.339	240	8151	0.400	ng	0.00
35) Perylene-d12	23.633	264	8844	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	5512	0.375	ng	0.00
5) Phenol-d6	6.894	99	6148	0.352	ng	0.00
8) Nitrobenzene-d5	8.875	82	5178	0.405	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	7701	0.360	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	463	0.142	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	13299	0.376	ng	0.00
27) Fluoranthene-d10	19.187	212	10465	0.354	ng	0.00
31) Terphenyl-d14	19.787	244	7787	0.428	ng	0.00

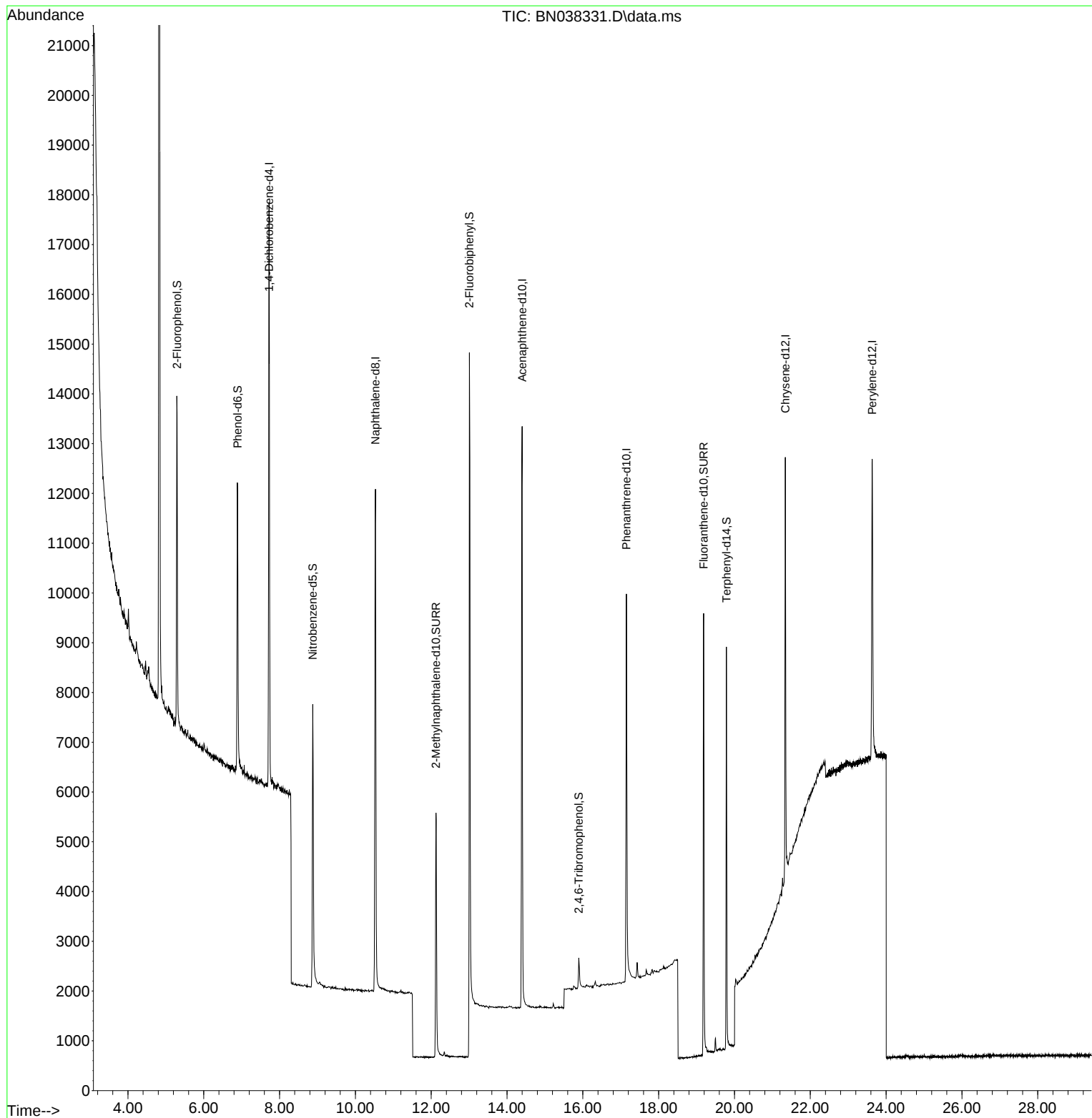
Target Compounds Qvalue

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

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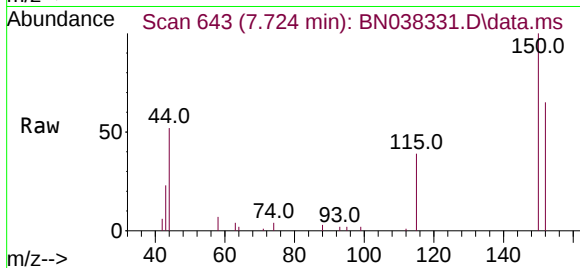
Quant Time: Dec 12 04:16:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
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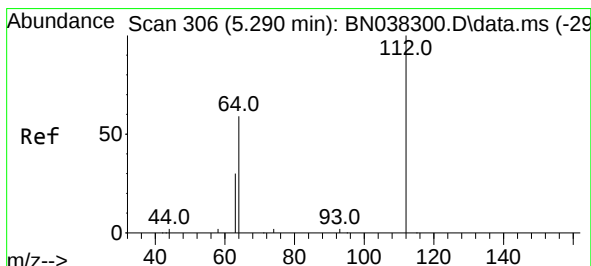
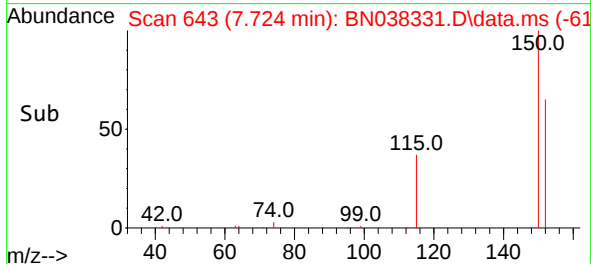
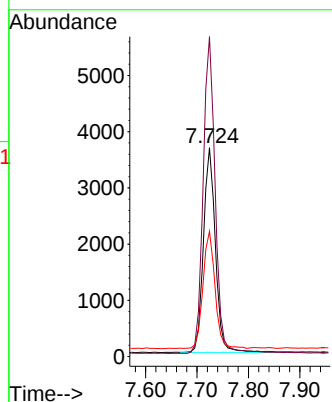
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038331.D
 Acq: 12 Dec 2025 00:36

Instrument :
 BNA_N
 ClientSampleId :
 PB170850BL



Tgt Ion:152 Resp: 5902

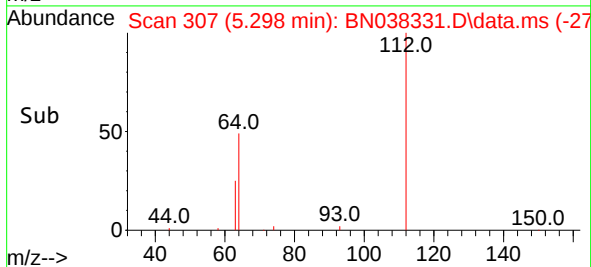
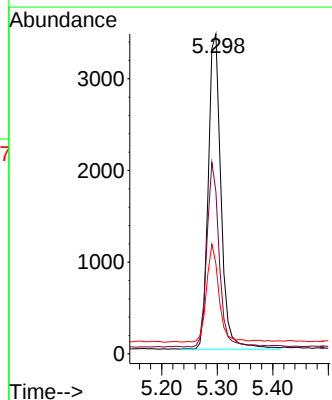
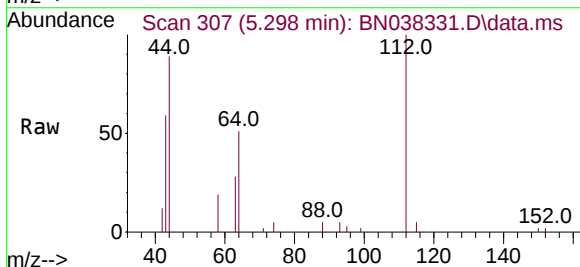
Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.4	183.6
115	60.0	47.3	70.9

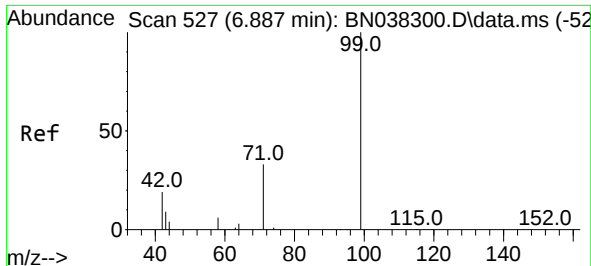


#4
 2-Fluorophenol
 Concen: 0.375 ng
 RT: 5.298 min Scan# 307
 Delta R.T. 0.007 min
 Lab File: BN038331.D
 Acq: 12 Dec 2025 00:36

Tgt Ion:112 Resp: 5512

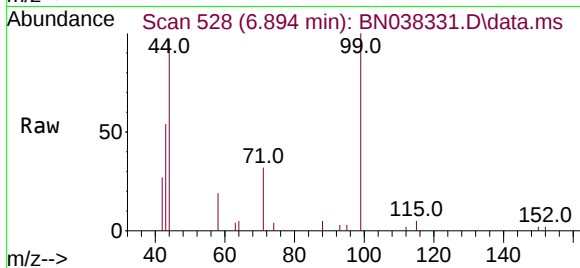
Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.4	66.6
63	29.7	23.4	35.0



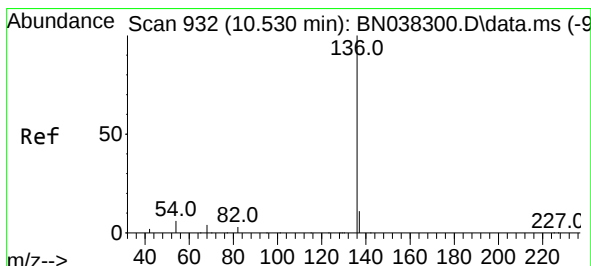
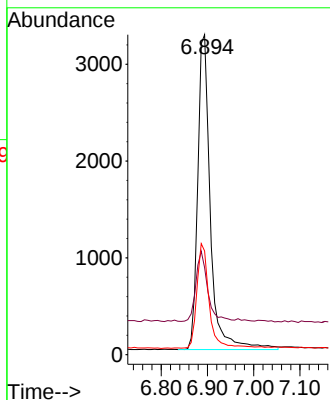
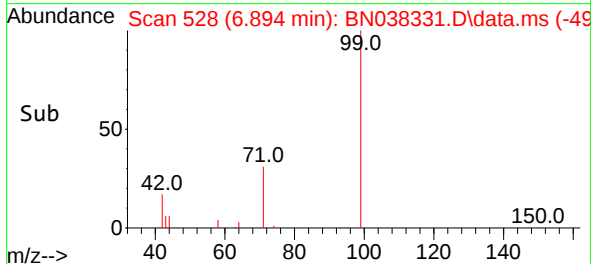


#5
Phenol-d6
Concen: 0.352 ng
RT: 6.894 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN038331.D
Acq: 12 Dec 2025 00:36

Instrument :
BNA_N
ClientSampleId :
PB170850BL

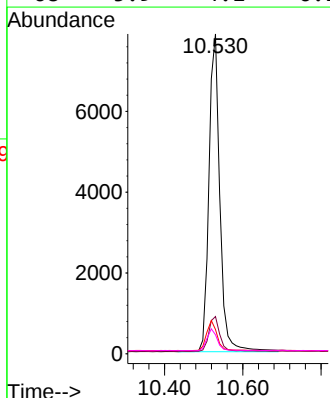
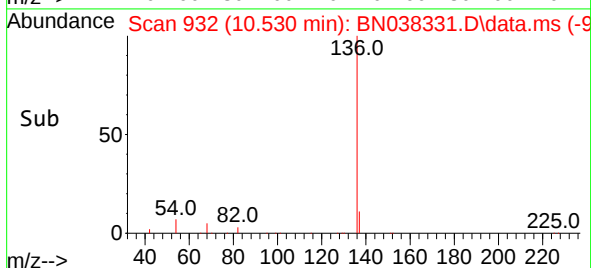
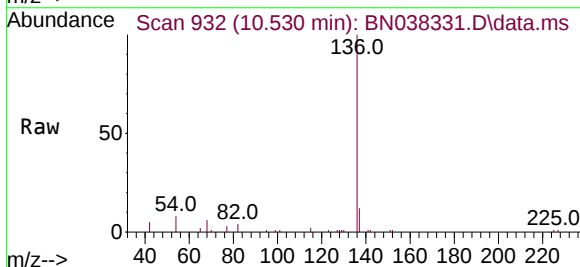


Tgt Ion:	99	Resp:	6148
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.5	24.7
71	32.3	24.9	37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.000 min
Lab File: BN038331.D
Acq: 12 Dec 2025 00:36

Tgt Ion:	136	Resp:	15151
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.6	5.2	7.8
68	5.9	4.1	6.1

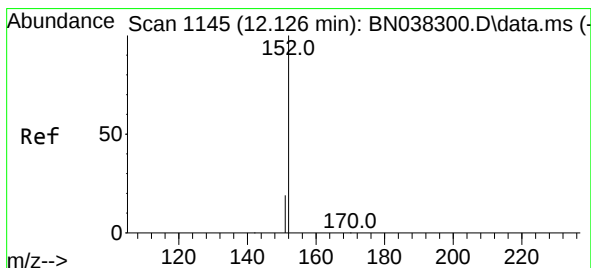
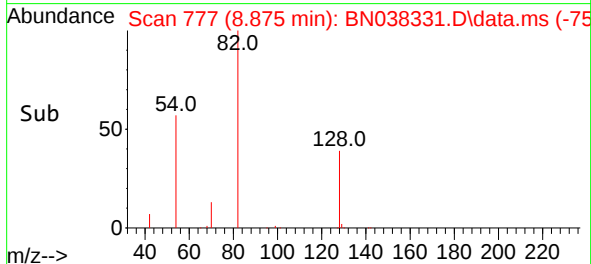
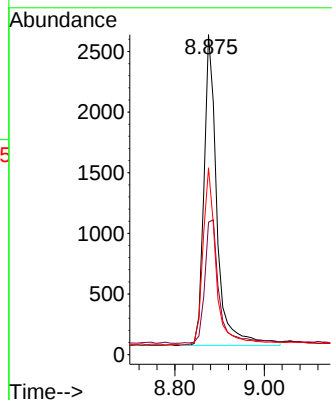
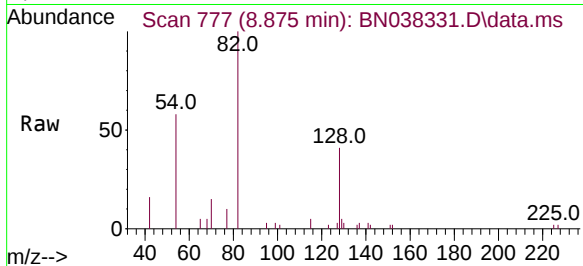




#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038331.D
Acq: 12 Dec 2025 00:36

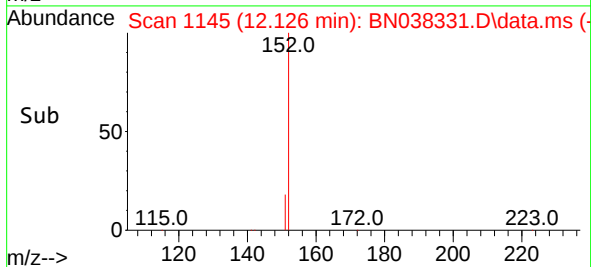
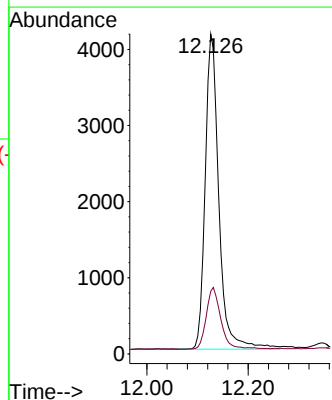
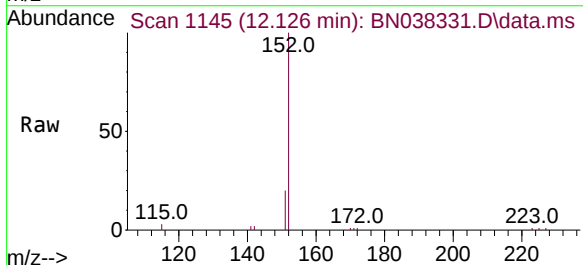
Instrument :
BNA_N
ClientSampleId :
PB170850BL

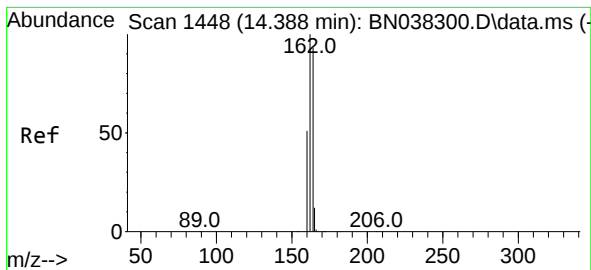
Tgt Ion: 82 Resp: 5178
Ion Ratio Lower Upper
82 100
128 41.4 34.0 51.0
54 58.4 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN038331.D
Acq: 12 Dec 2025 00:36

Tgt Ion: 152 Resp: 7701
Ion Ratio Lower Upper
152 100
151 21.3 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: BN038331.D

Acq: 12 Dec 2025 00:36

Instrument :

BN038331.D

ClientSampleId :

PB170850BL

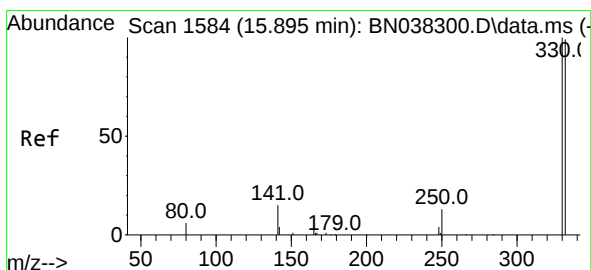
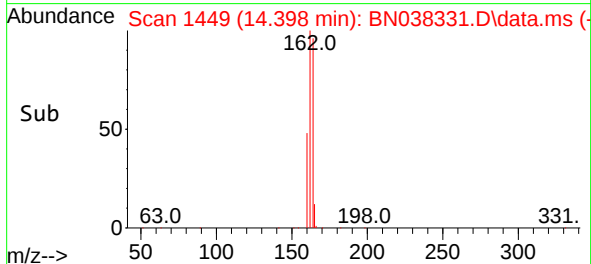
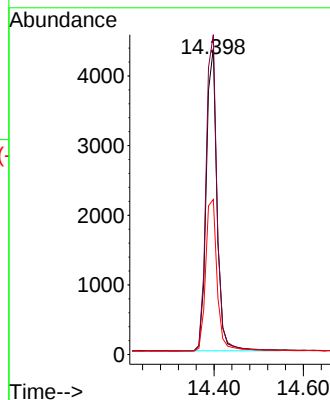
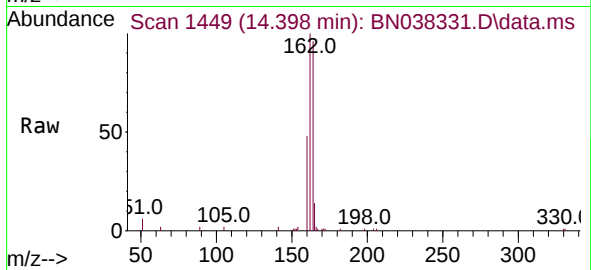
Tgt Ion:164 Resp: 7333

Ion Ratio Lower Upper

164 100

162 104.6 86.2 129.4

160 50.7 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.142 ng

RT: 15.895 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BN038331.D

Acq: 12 Dec 2025 00:36

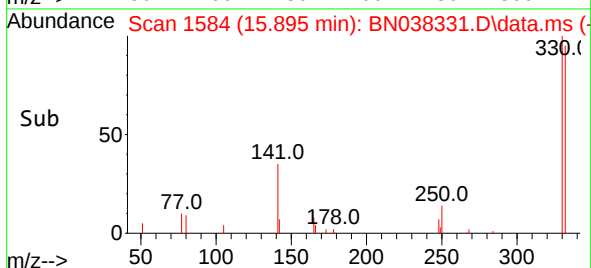
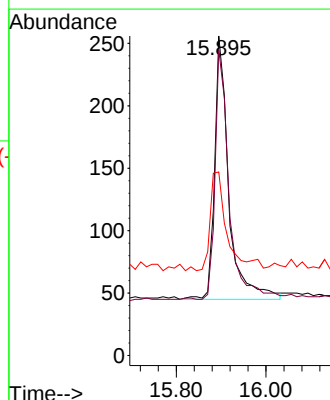
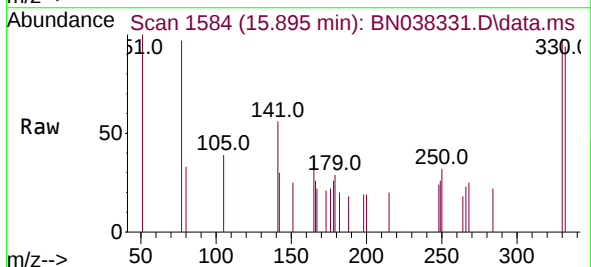
Tgt Ion:330 Resp: 463

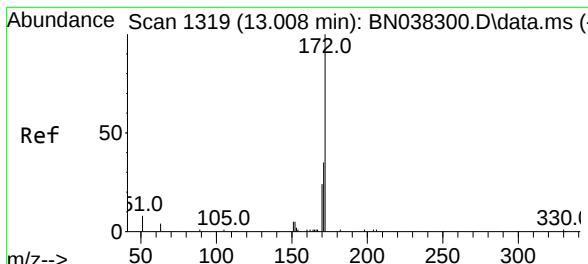
Ion Ratio Lower Upper

330 100

332 93.5 75.8 113.6

141 45.1 31.8 47.8

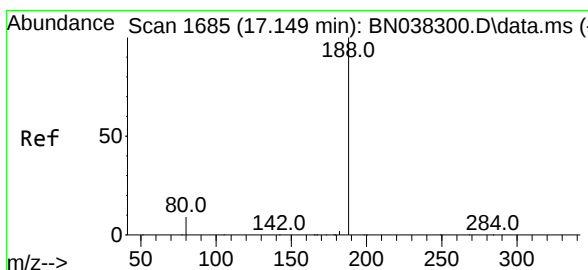
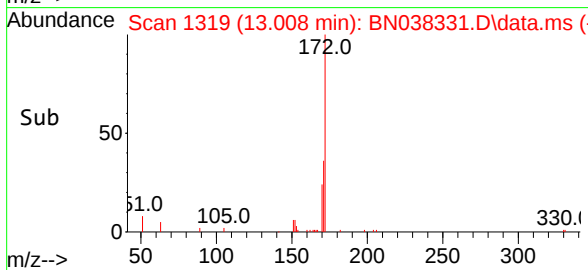
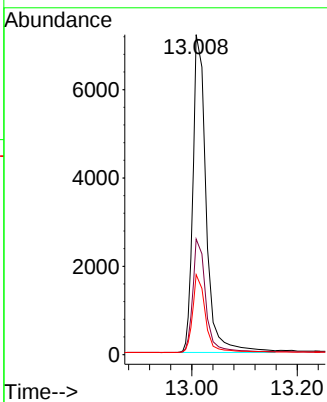
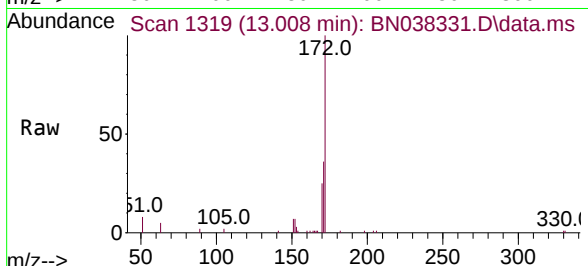




#15
 2-Fluorobiphenyl
 Concen: 0.376 ng
 RT: 13.008 min Scan# 1319
 Delta R.T. -0.000 min
 Lab File: BN038331.D
 Acq: 12 Dec 2025 00:36

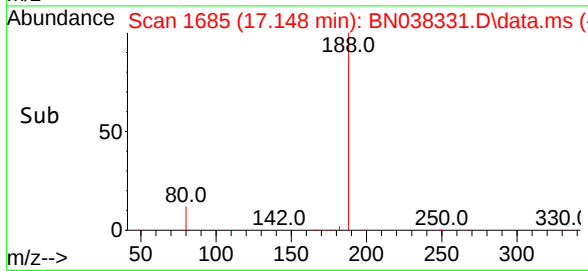
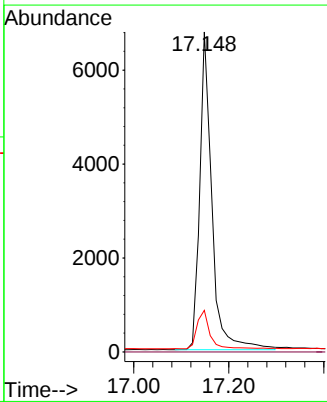
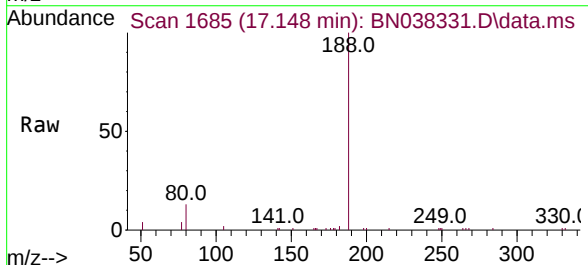
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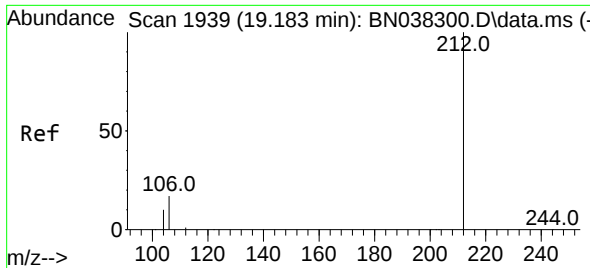
Tgt Ion:	172	Resp:	13299
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.6	42.8
170	25.0	19.3	28.9



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.148 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: BN038331.D
 Acq: 12 Dec 2025 00:36

Tgt Ion:	188	Resp:	11968
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.0	7.4	11.0

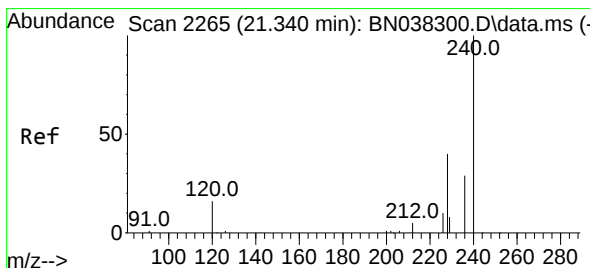
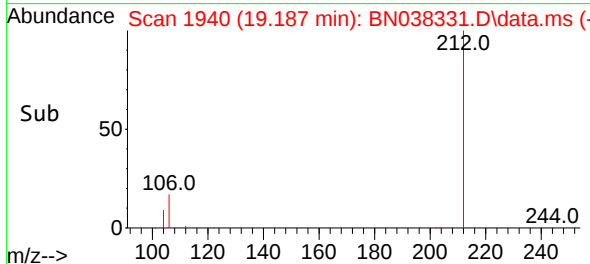
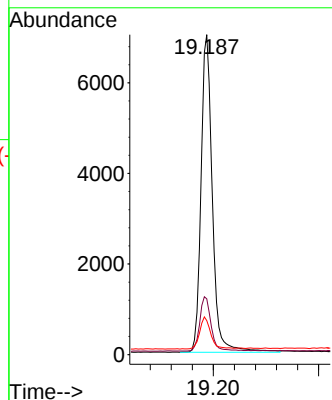
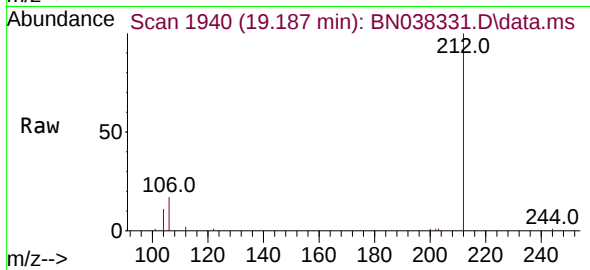




#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.187 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BN038331.D
Acq: 12 Dec 2025 00:36

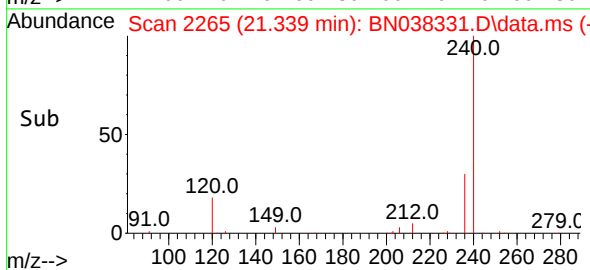
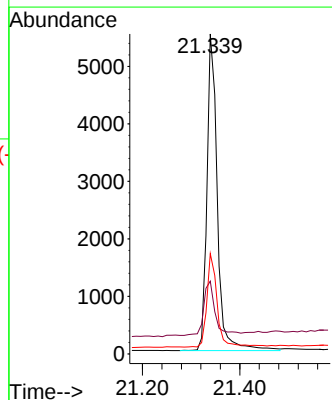
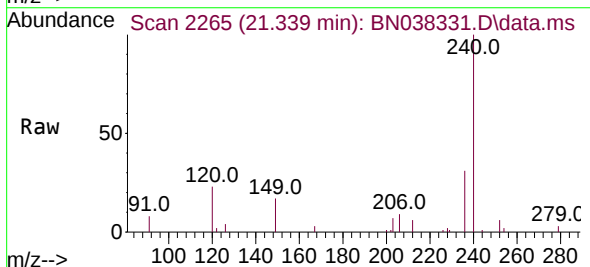
Instrument :
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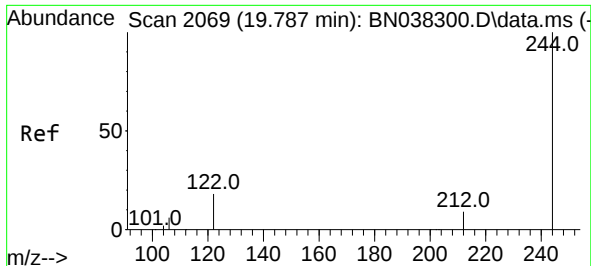
Tgt Ion:212 Resp: 10465
Ion Ratio Lower Upper
212 100
106 17.0 13.7 20.5
104 9.7 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.339 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BN038331.D
Acq: 12 Dec 2025 00:36

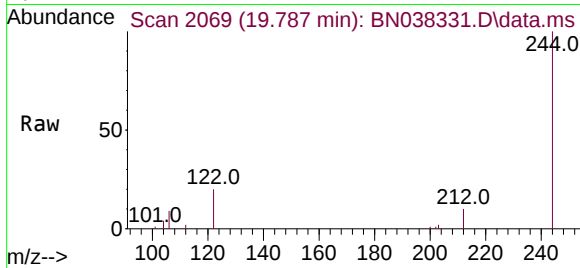
Tgt Ion:240 Resp: 8151
Ion Ratio Lower Upper
240 100
120 22.7 15.4 23.2
236 31.3 23.9 35.9



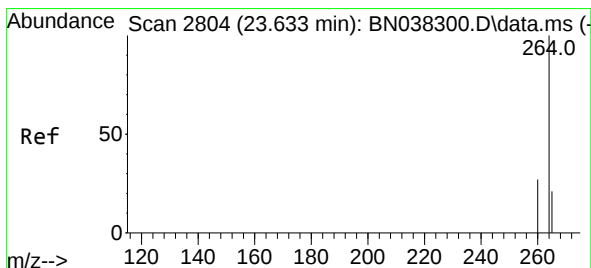
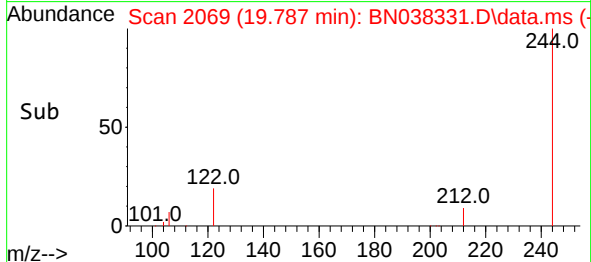
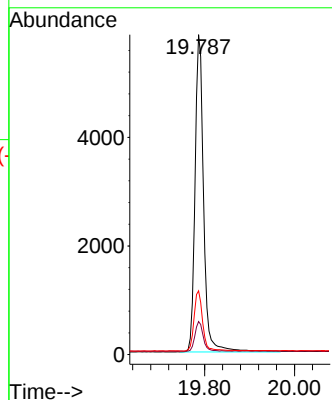


#31
 Terphenyl-d14
 Concen: 0.428 ng
 RT: 19.787 min Scan# 2069
 Delta R.T. -0.005 min
 Lab File: BN038331.D
 Acq: 12 Dec 2025 00:36

Instrument :
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Tgt Ion:244 Resp: 7787
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.9 11.9
 122 19.9 15.0 22.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.633 min Scan# 2804
 Delta R.T. -0.000 min
 Lab File: BN038331.D
 Acq: 12 Dec 2025 00:36

Tgt Ion:264 Resp: 8844
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.2 33.2
 265 122.6 80.2 120.2#

