

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081225\
 Data File : BN037586.D
 Acq On : 12 Aug 2025 21:55
 Operator : RC/JU
 Sample : PB169094BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169094BL

Quant Time: Aug 13 05:04:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2023	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4760	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2192	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	4169	0.400	ng	0.01
29) Chrysene-d12	21.268	240	3162	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	2773	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1597	0.348	ng	0.00
5) Phenol-d6	6.879	99	1666	0.302	ng	0.00
8) Nitrobenzene-d5	8.854	82	1167	0.348	ng	0.00
11) 2-Methylnaphthalene-d10	12.091	152	2099	0.324	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	210	0.219	ng	0.01
15) 2-Fluorobiphenyl	12.978	172	4334	0.342	ng	0.00
27) Fluoranthene-d10	19.118	212	3616	0.330	ng	0.00
31) Terphenyl-d14	19.722	244	2646	0.407	ng	0.00

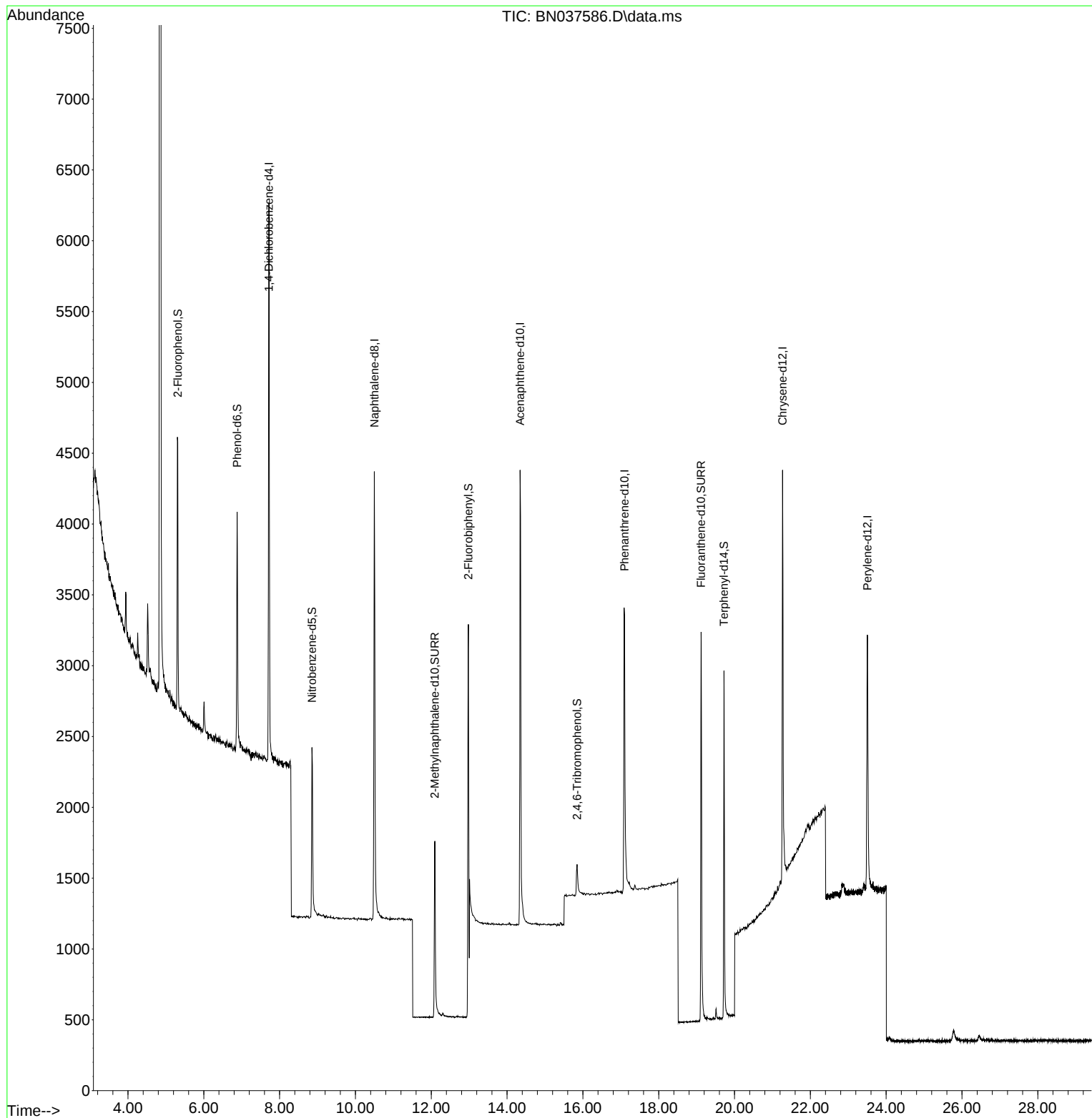
Target Compounds Qvalue

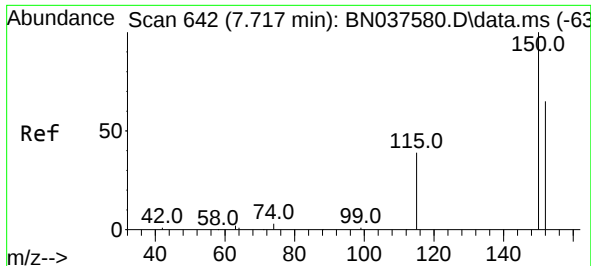
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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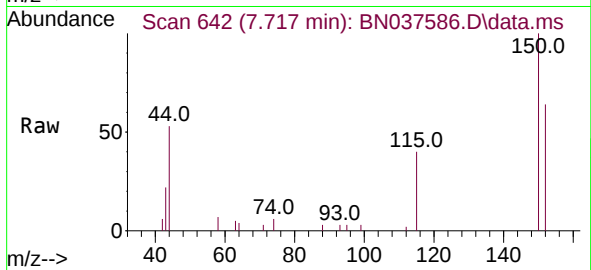
Quant Time: Aug 13 05:04:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
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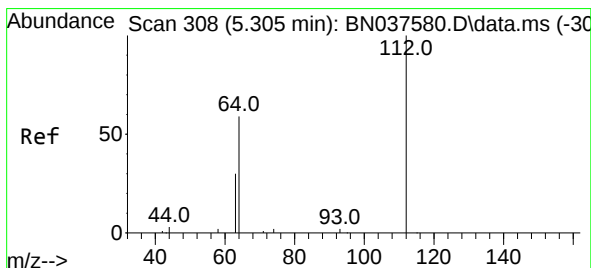
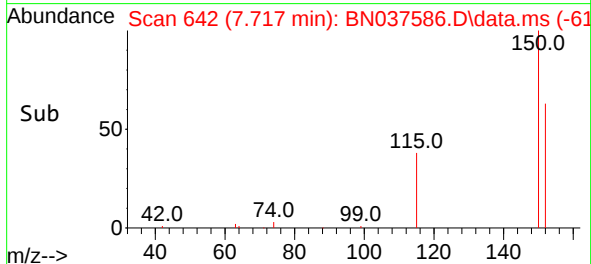
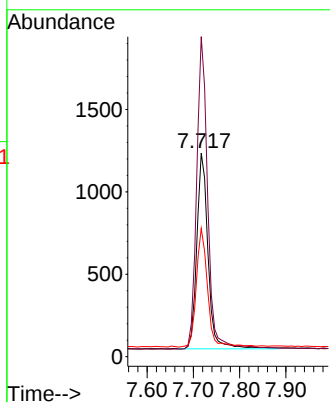


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 642
 Delta R.T. 0.000 min
 Lab File: BN037586.D
 Acq: 12 Aug 2025 21:55

Instrument :
 BNA_N
 ClientSampleId :
 PB169094BL

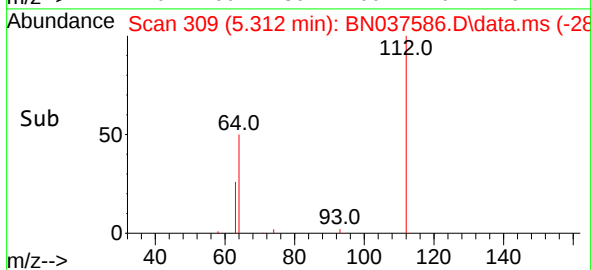
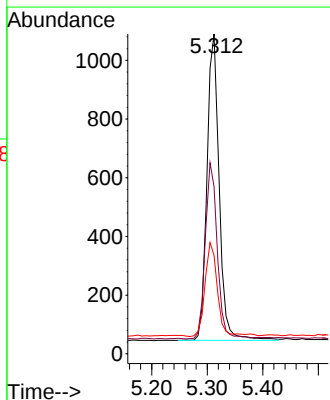
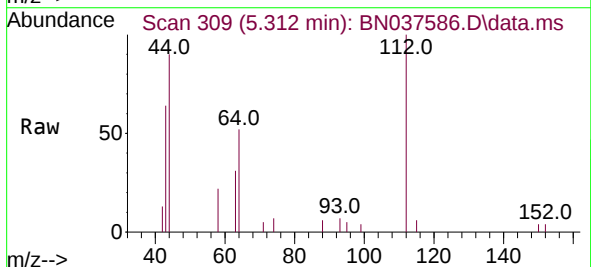


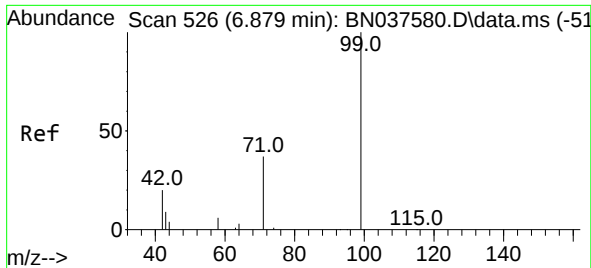
Tgt Ion:	152	Resp:	2023
Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.2	183.4
115	63.1	49.8	74.6



#4
 2-Fluorophenol
 Concen: 0.348 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.007 min
 Lab File: BN037586.D
 Acq: 12 Aug 2025 21:55

Tgt Ion:	112	Resp:	1597
Ion	Ratio	Lower	Upper
112	100		
64	56.6	44.9	67.3
63	31.7	23.4	35.2

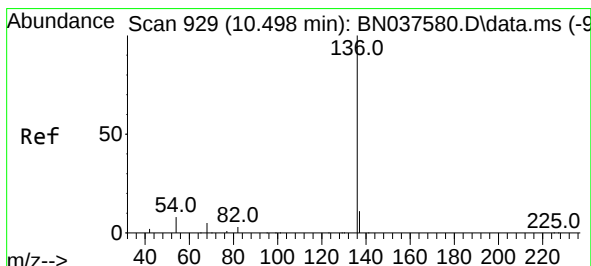
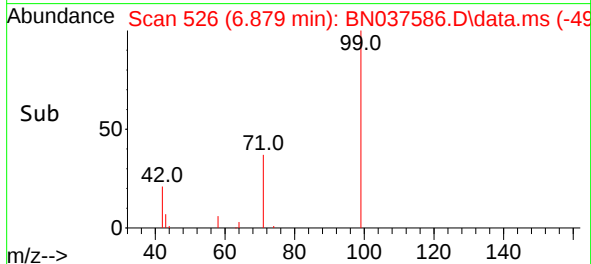
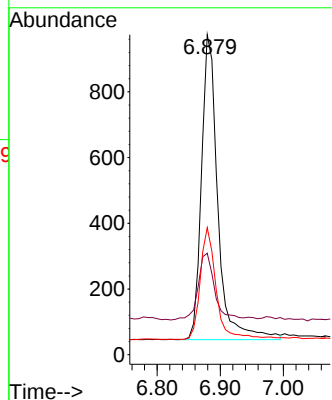
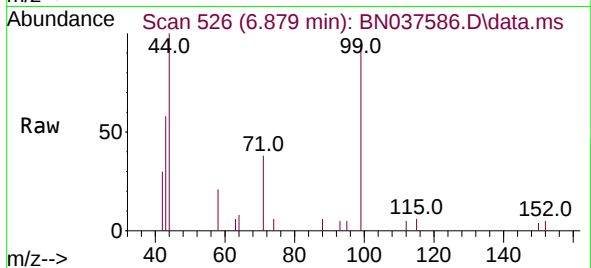




#5
Phenol-d6
Concen: 0.302 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037586.D
Acq: 12 Aug 2025 21:55

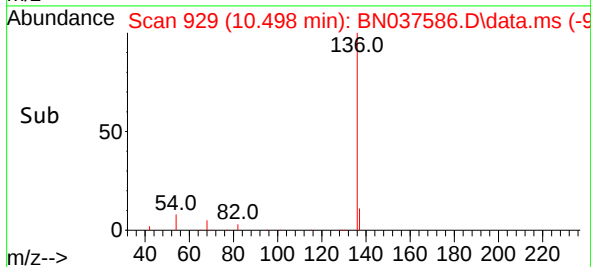
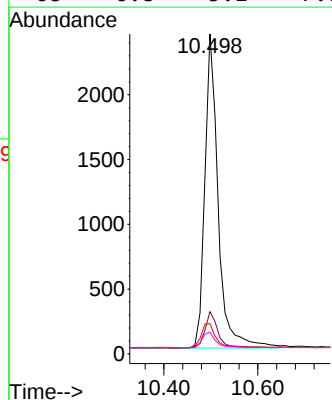
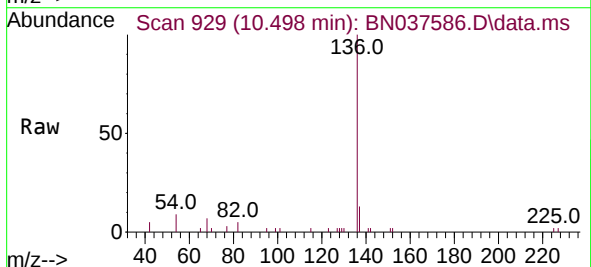
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BNA_N
ClientSampleId :
PB169094BL

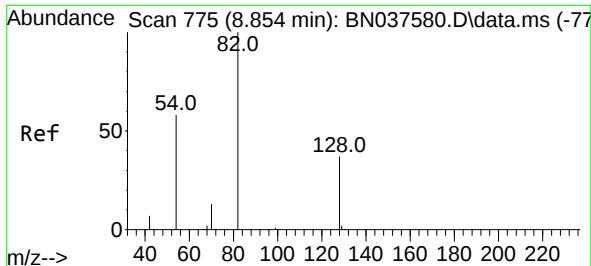
Tgt Ion:	99	Resp:	1666
Ion	Ratio	Lower	Upper
99	100		
42	22.1	18.5	27.7
71	36.1	28.6	42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037586.D
Acq: 12 Aug 2025 21:55

Tgt Ion:	136	Resp:	4760
Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.5	14.3
54	9.5	7.3	10.9
68	6.8	5.1	7.7

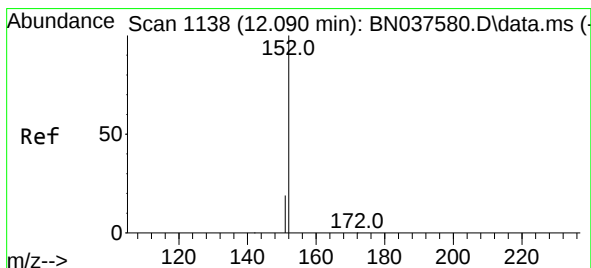
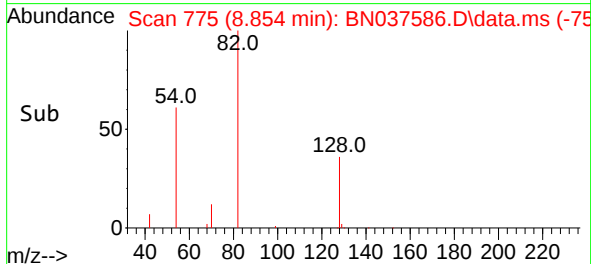
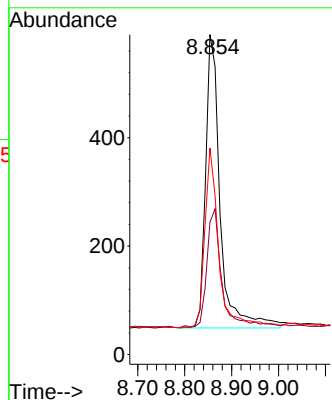
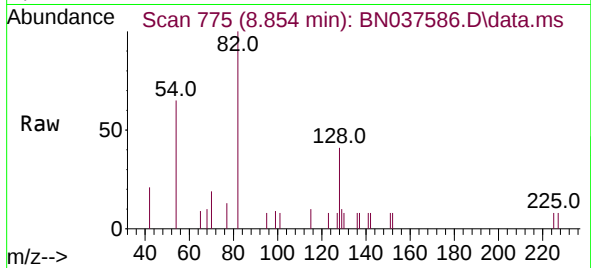




#8
 Nitrobenzene-d5
 Concen: 0.348 ng
 RT: 8.854 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN037586.D
 Acq: 12 Aug 2025 21:55

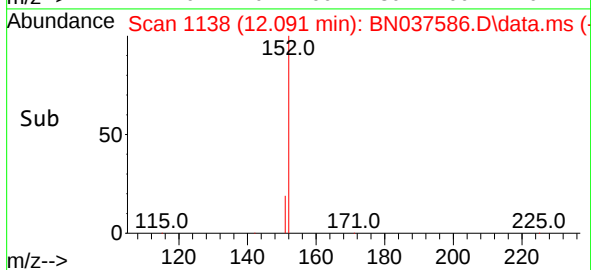
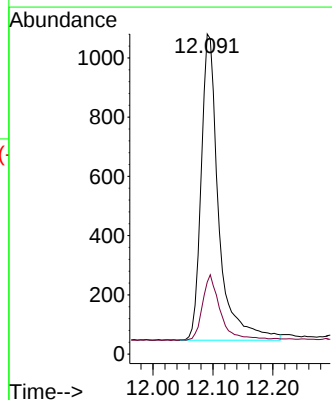
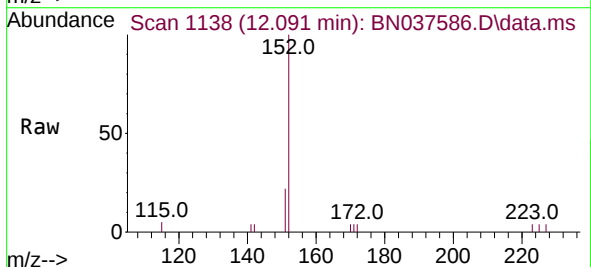
Instrument :
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 ClientSampleId :
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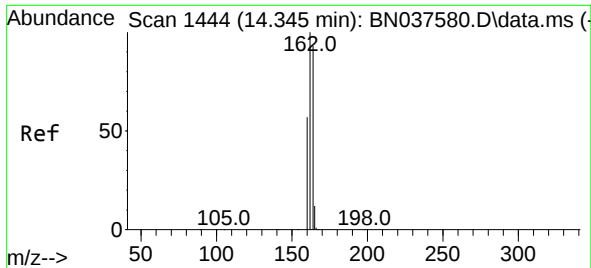
Tgt Ion: 82 Resp: 1167
 Ion Ratio Lower Upper
 82 100
 128 41.4 32.6 48.8
 54 64.6 48.9 73.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.324 ng
 RT: 12.091 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: BN037586.D
 Acq: 12 Aug 2025 21:55

Tgt Ion: 152 Resp: 2099
 Ion Ratio Lower Upper
 152 100
 151 22.3 17.3 25.9

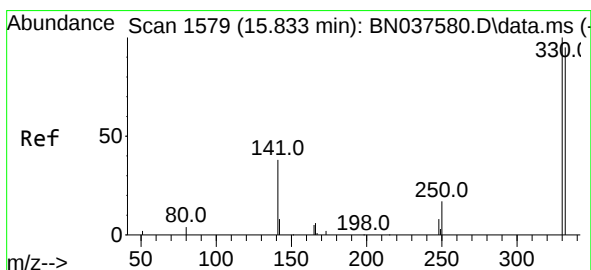
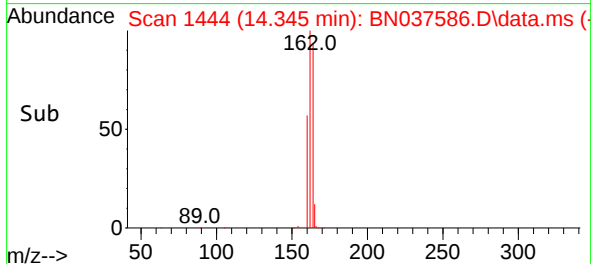
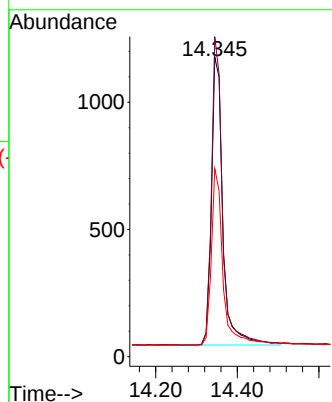
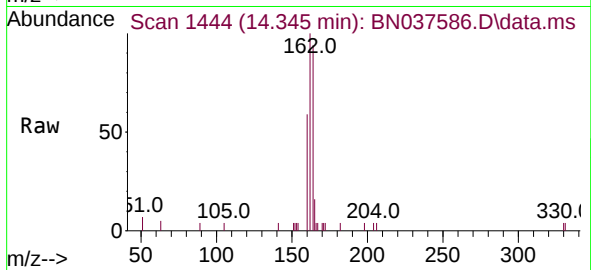




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.345 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: BN037586.D
 Acq: 12 Aug 2025 21:55

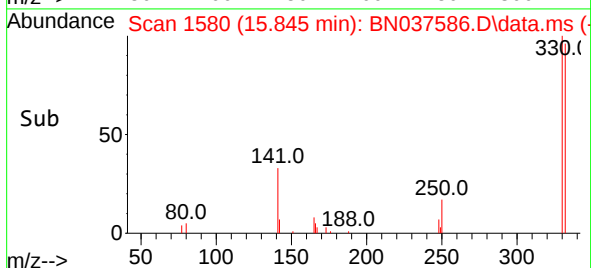
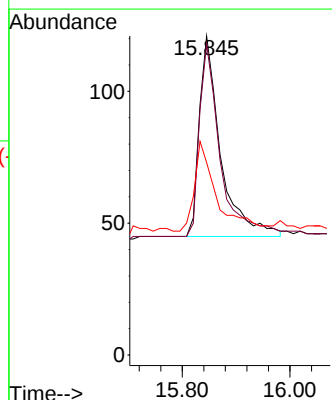
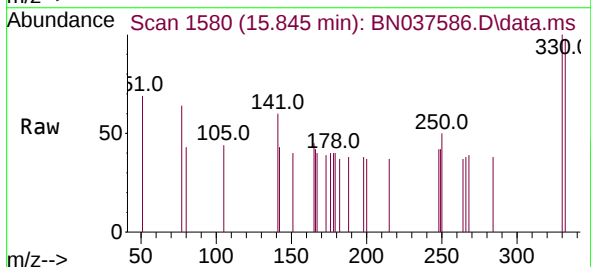
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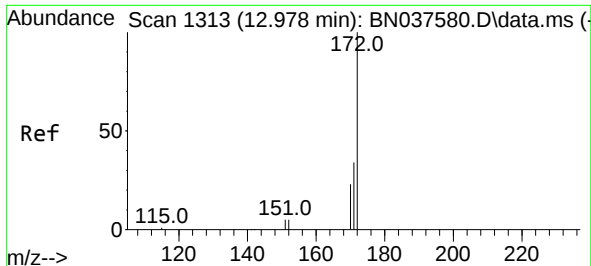
Tgt Ion:	164	Resp:	2192
Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.5	128.3
160	62.7	49.5	74.3



#14
 2,4,6-Tribromophenol
 Concen: 0.219 ng
 RT: 15.845 min Scan# 1580
 Delta R.T. 0.013 min
 Lab File: BN037586.D
 Acq: 12 Aug 2025 21:55

Tgt Ion:	330	Resp:	210
Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.4	116.0
141	45.2	30.9	46.3

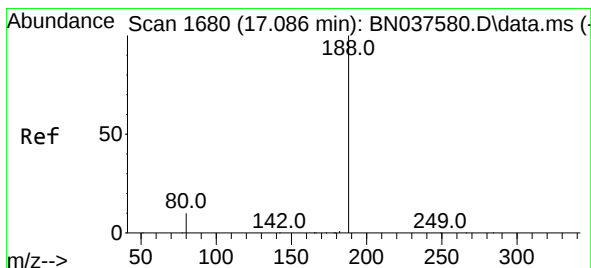
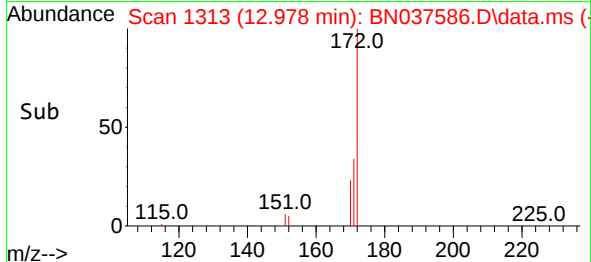
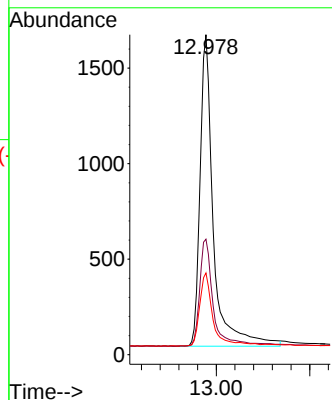
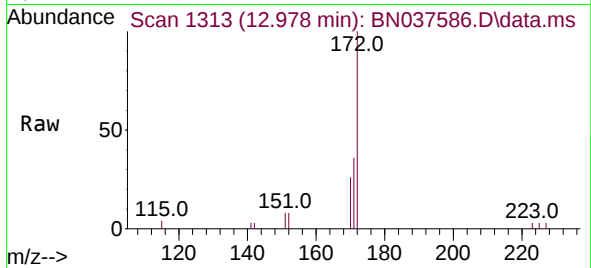




#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.978 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037586.D
Acq: 12 Aug 2025 21:55

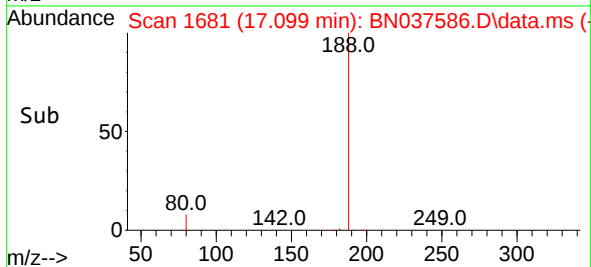
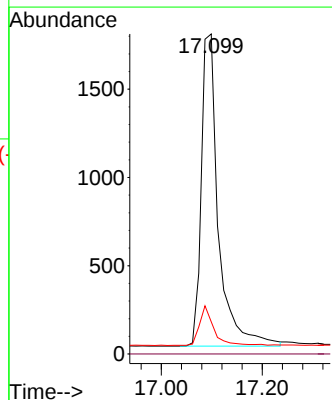
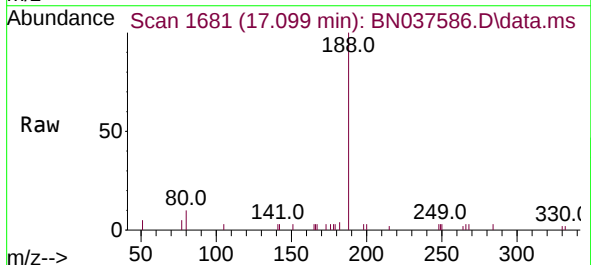
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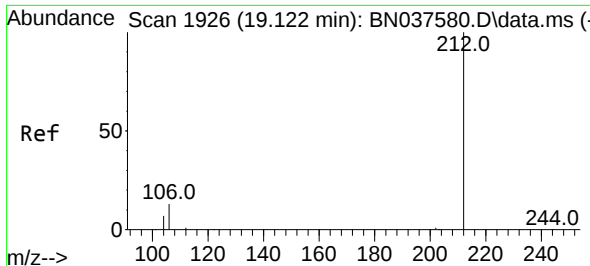
Tgt Ion:172 Resp: 4334
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.4
170 25.6 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. 0.013 min
Lab File: BN037586.D
Acq: 12 Aug 2025 21:55

Tgt Ion:188 Resp: 4169
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 9.1 13.7

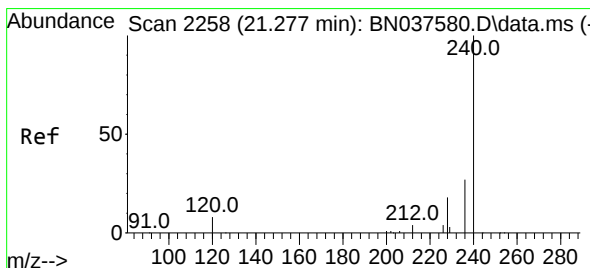
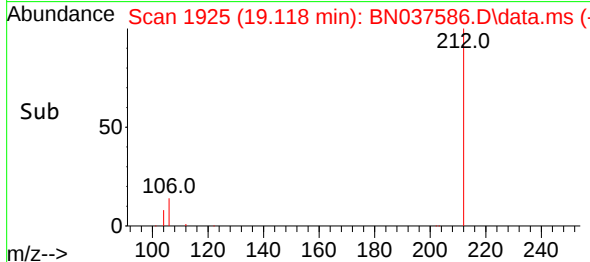
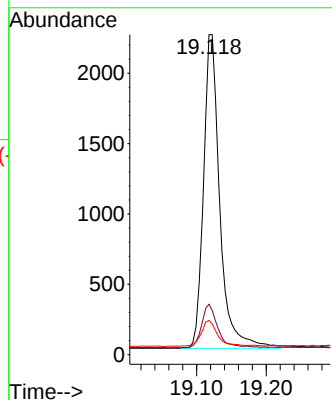
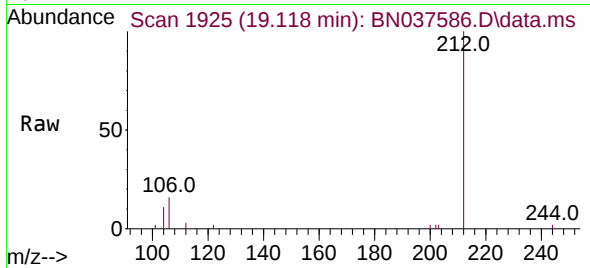




#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037586.D
Acq: 12 Aug 2025 21:55

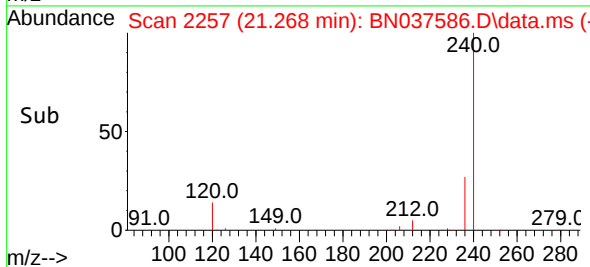
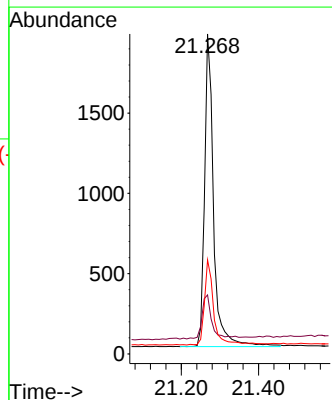
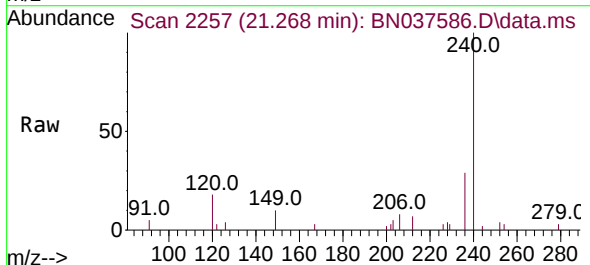
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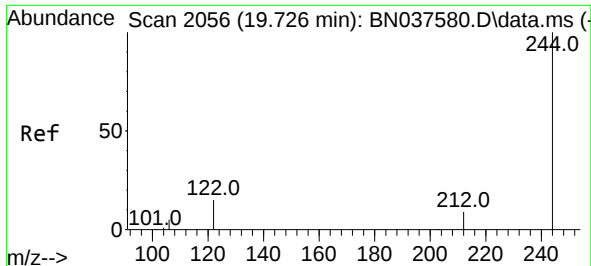
Tgt Ion:212 Resp: 3616
Ion Ratio Lower Upper
212 100
106 13.7 11.5 17.3
104 8.6 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037586.D
Acq: 12 Aug 2025 21:55

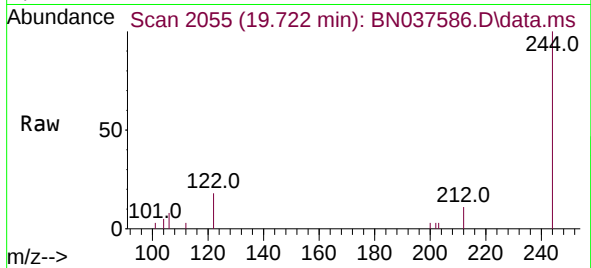
Tgt Ion:240 Resp: 3162
Ion Ratio Lower Upper
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120 18.5 8.9 13.3#
236 29.4 22.6 33.8



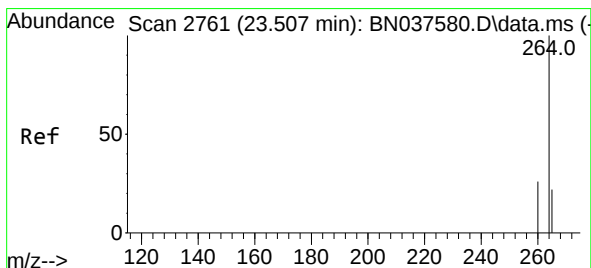
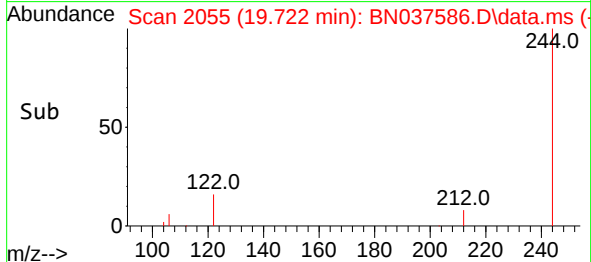
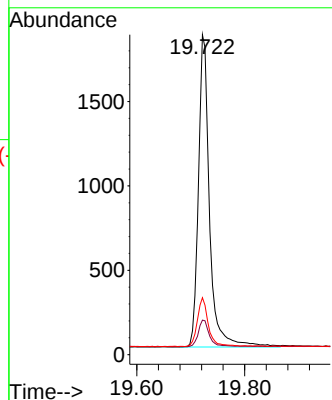


#31
 Terphenyl-d14
 Concen: 0.407 ng
 RT: 19.722 min Scan# 2056
 Delta R.T. -0.005 min
 Lab File: BN037586.D
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Tgt Ion:244 Resp: 2646
 Ion Ratio Lower Upper
 244 100
 212 10.8 8.2 12.2
 122 17.8 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.505 min Scan# 2760
 Delta R.T. -0.003 min
 Lab File: BN037586.D
 Acq: 12 Aug 2025 21:55

Tgt Ion:264 Resp: 2773
 Ion Ratio Lower Upper
 264 100
 260 28.6 21.6 32.4
 265 84.2 48.2 72.4#

