

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
 Data File : BN036438.D
 Acq On : 12 Feb 2025 13:19
 Operator : RC/JU
 Sample : PB166297BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166297BL

Quant Time: Feb 12 14:00:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	2043	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	4466	0.400	ng	# 0.02
13) Acenaphthene-d10	14.398	164	2771	0.400	ng	0.01
19) Phenanthrene-d10	17.148	188	6288	0.400	ng	0.01
29) Chrysene-d12	21.322	240	5467	0.400	ng	0.00
35) Perylene-d12	23.592	264	5274	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1897	0.393	ng	0.00
5) Phenol-d6	6.937	99	1876	0.331	ng	0.00
8) Nitrobenzene-d5	8.929	82	1415	0.321	ng	0.02
11) 2-Methylnaphthalene-d10	12.162	152	2276	0.332	ng	0.02
14) 2,4,6-Tribromophenol	15.907	330	291	0.212	ng	0.02
15) 2-Fluorobiphenyl	13.040	172	3273	0.314	ng	0.02
27) Fluoranthene-d10	19.169	212	6544	0.374	ng	0.00
31) Terphenyl-d14	19.768	244	4993	0.428	ng	0.00

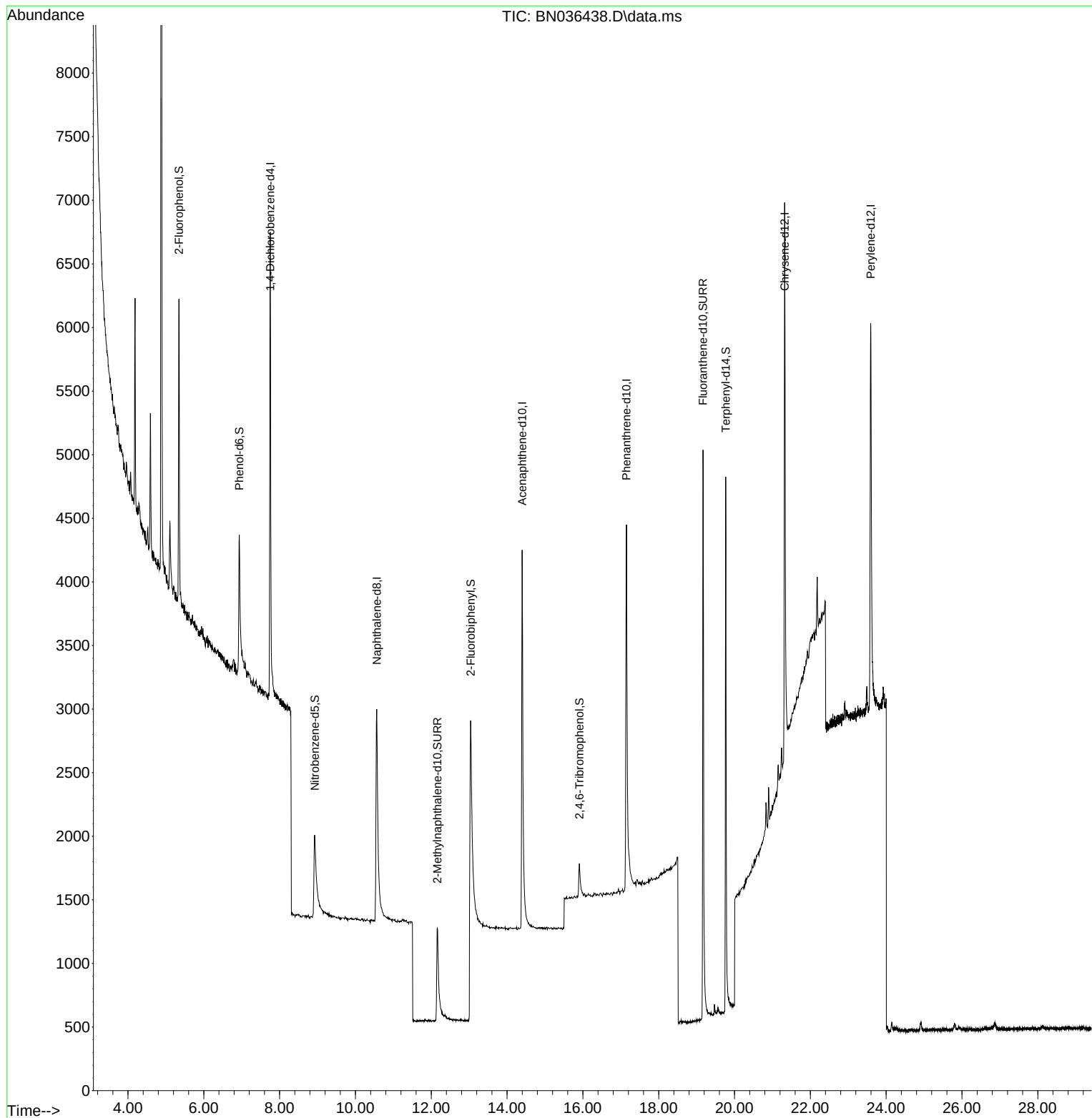
Target Compounds Qvalue

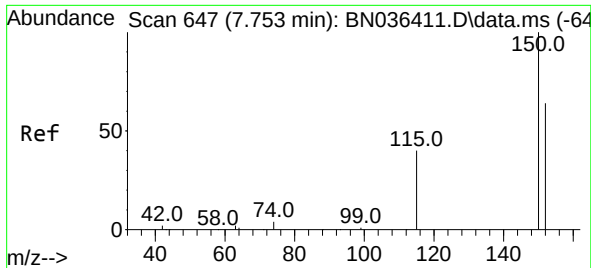
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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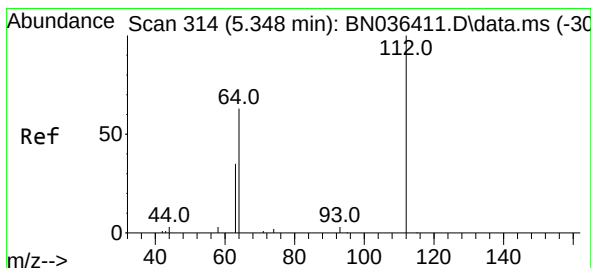
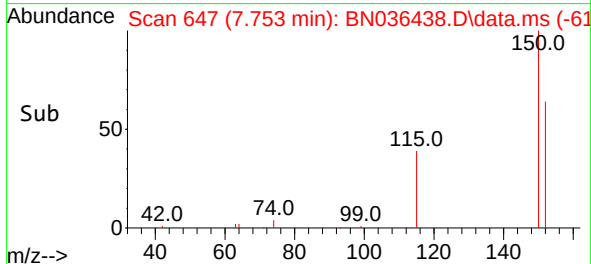
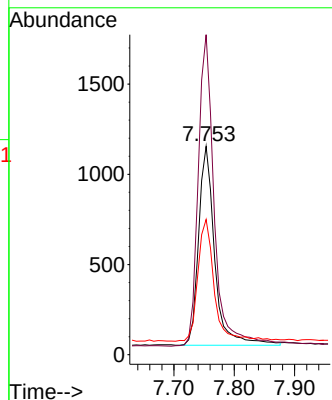
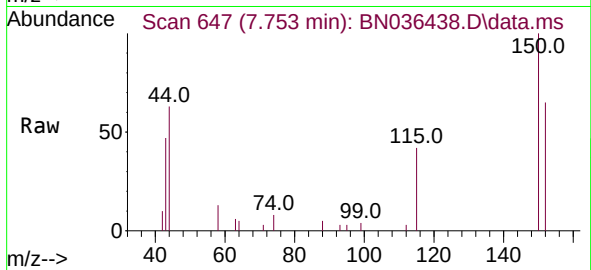




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.753 min Scan# 647
Delta R.T. 0.000 min
Lab File: BN036438.D
Acq: 12 Feb 2025 13:19

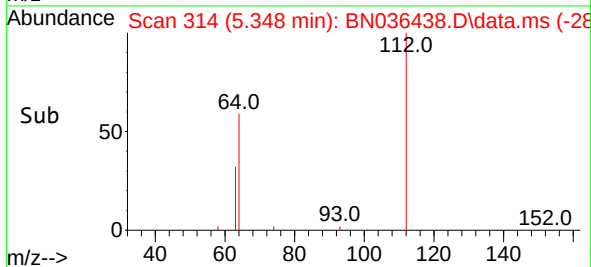
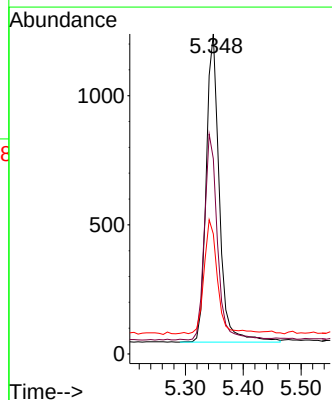
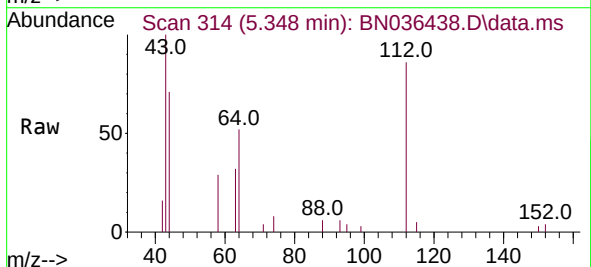
Instrument :
BNA_N
ClientSampleId :
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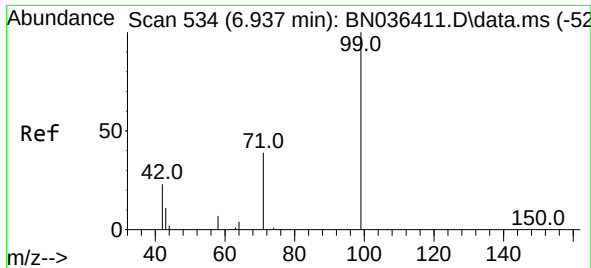
Tgt Ion:152 Resp: 2043
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 64.9 52.5 78.7



#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN036438.D
Acq: 12 Feb 2025 13:19

Tgt Ion:112 Resp: 1897
Ion Ratio Lower Upper
112 100
64 66.1 53.4 80.0
63 37.9 30.3 45.5

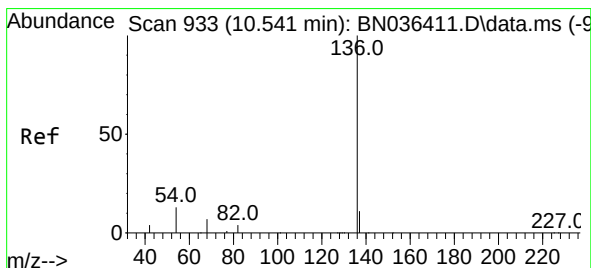
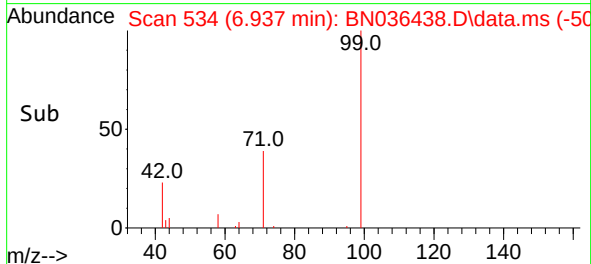
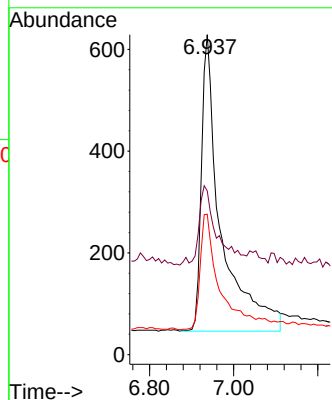
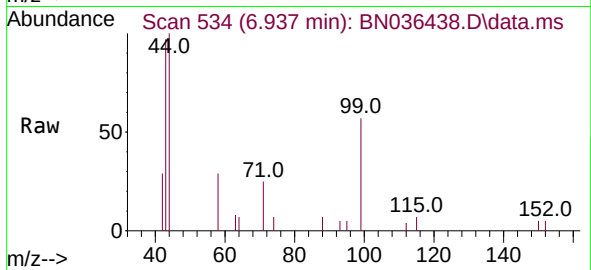




#5
Phenol-d6
Concen: 0.331 ng
RT: 6.937 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN036438.D
Acq: 12 Feb 2025 13:19

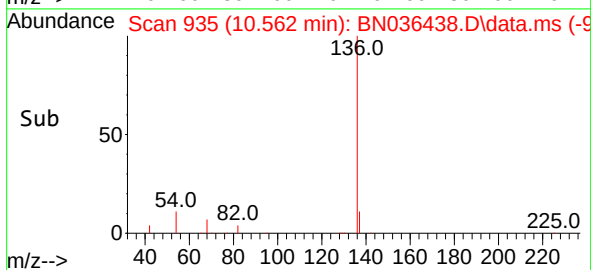
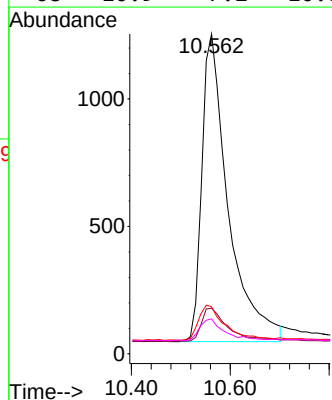
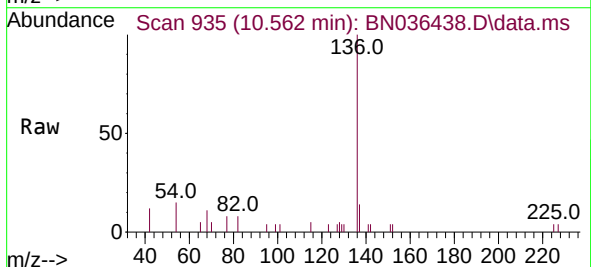
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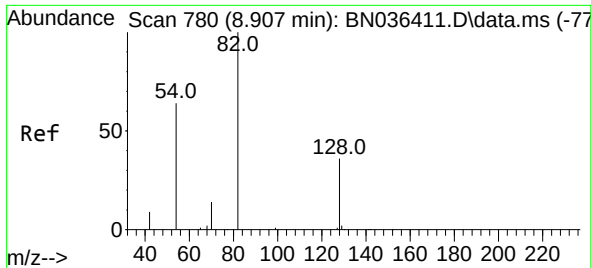
Tgt Ion: 99 Resp: 1876
Ion Ratio Lower Upper
99 100
42 23.9 21.7 32.5
71 37.8 32.6 49.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. 0.021 min
Lab File: BN036438.D
Acq: 12 Feb 2025 13:19

Tgt Ion: 136 Resp: 4466
Ion Ratio Lower Upper
136 100
137 14.3 10.1 15.1
54 14.7 11.8 17.6
68 10.9 7.2 10.8

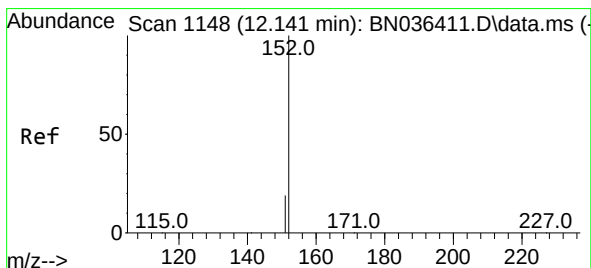
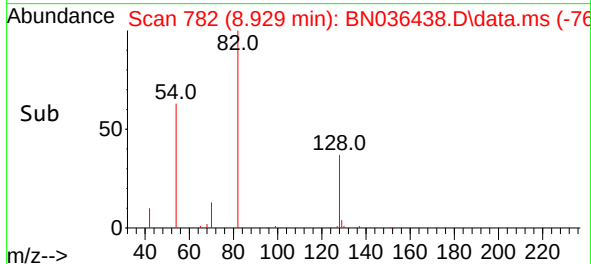
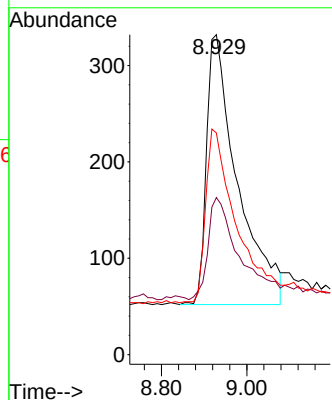
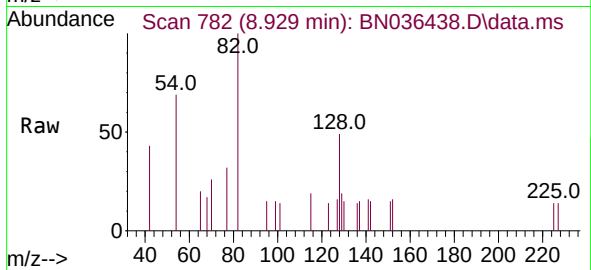




#8
 Nitrobenzene-d5
 Concen: 0.321 ng
 RT: 8.929 min Scan# 71
 Delta R.T. 0.021 min
 Lab File: BN036438.D
 Acq: 12 Feb 2025 13:19

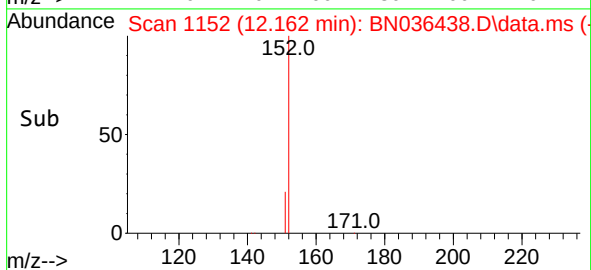
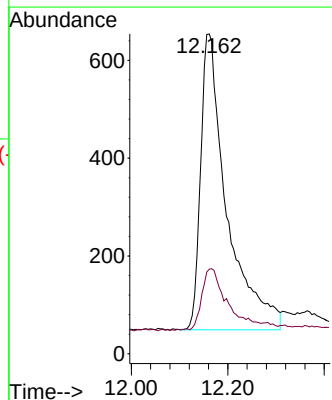
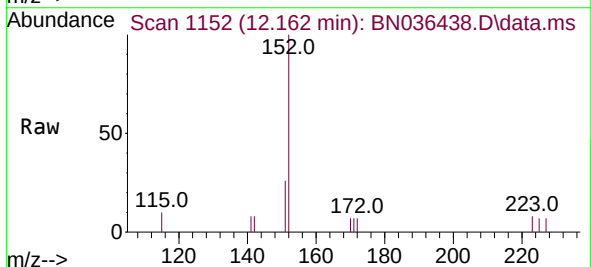
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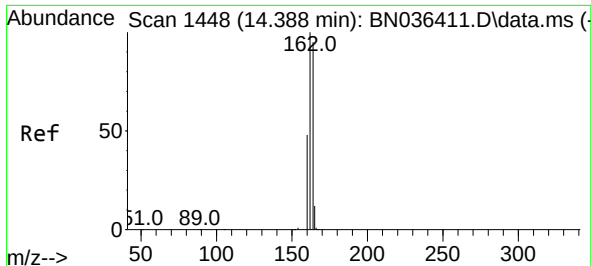
Tgt Ion: 82 Resp: 1415
 Ion Ratio Lower Upper
 82 100
 128 49.1 31.9 47.9#
 54 69.3 53.1 79.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.332 ng
 RT: 12.162 min Scan# 1152
 Delta R.T. 0.020 min
 Lab File: BN036438.D
 Acq: 12 Feb 2025 13:19

Tgt Ion: 152 Resp: 2276
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.6 25.0

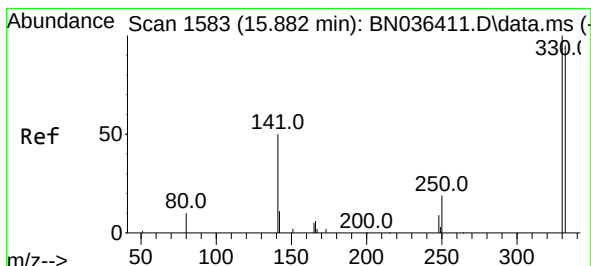
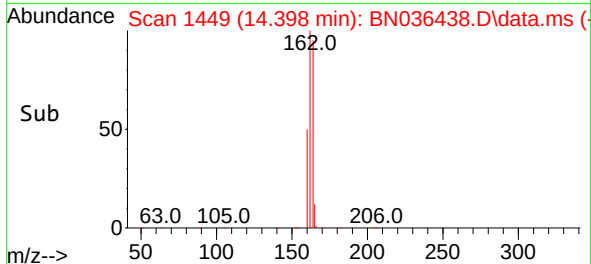
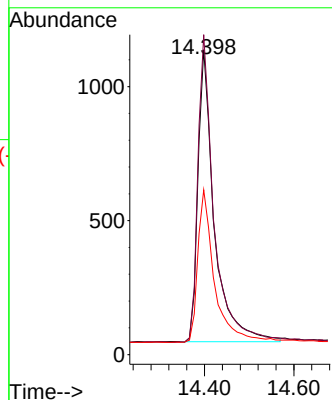
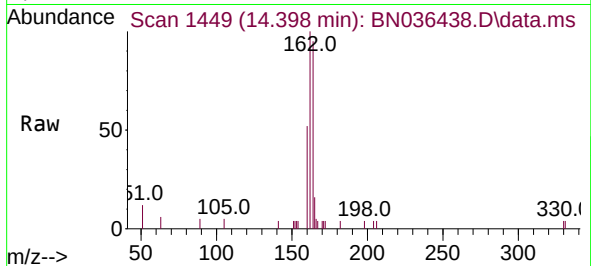




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.398 min Scan# 1448
 Delta R.T. 0.011 min
 Lab File: BN036438.D
 Acq: 12 Feb 2025 13:19

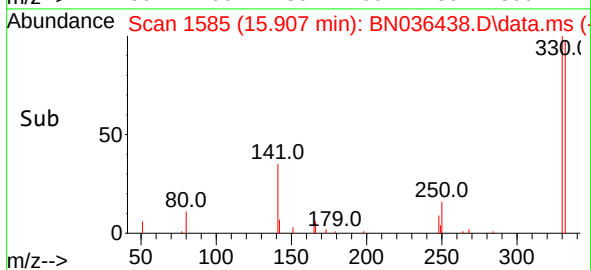
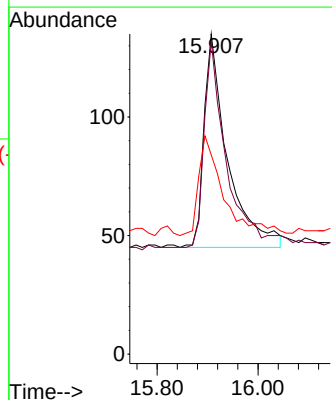
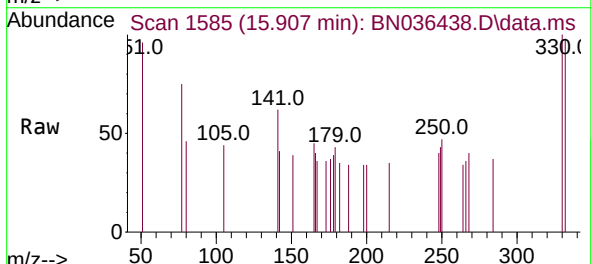
Instrument :
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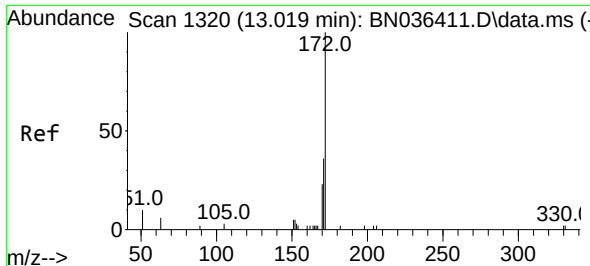
Tgt Ion:164 Resp: 2771
 Ion Ratio Lower Upper
 164 100
 162 104.9 84.1 126.1
 160 54.0 41.4 62.0



#14
 2,4,6-Tribromophenol
 Concen: 0.212 ng
 RT: 15.907 min Scan# 1585
 Delta R.T. 0.025 min
 Lab File: BN036438.D
 Acq: 12 Feb 2025 13:19

Tgt Ion:330 Resp: 291
 Ion Ratio Lower Upper
 330 100
 332 88.7 76.6 114.8
 141 49.5 37.8 56.8

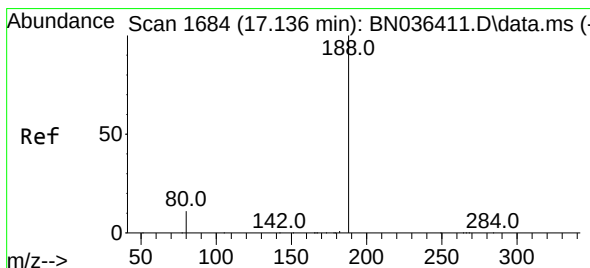
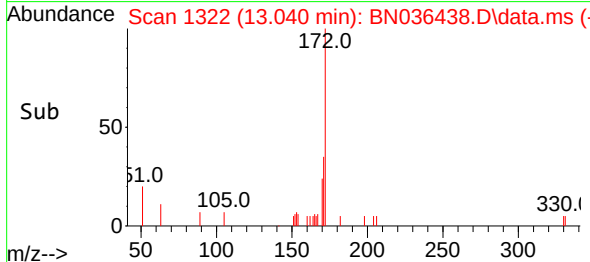
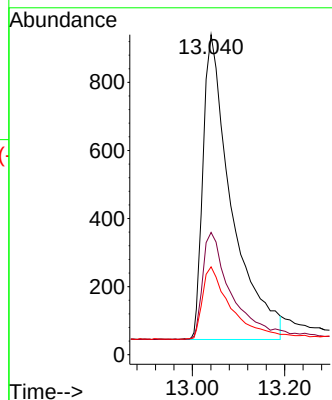
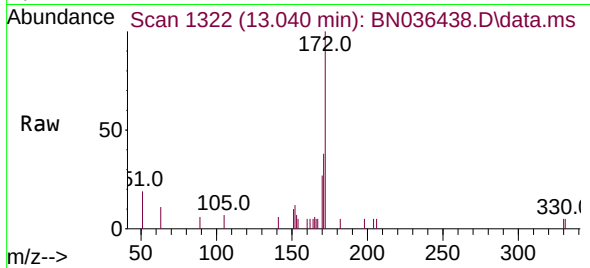




#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.040 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN036438.D
Acq: 12 Feb 2025 13:19

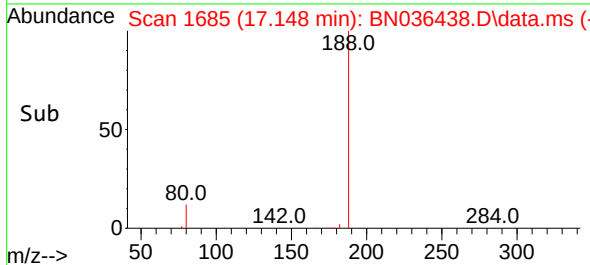
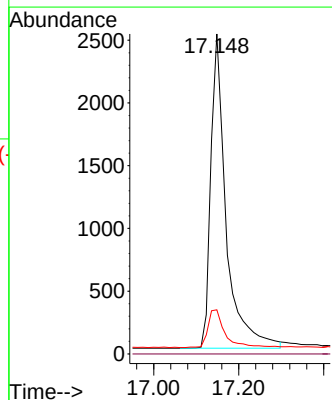
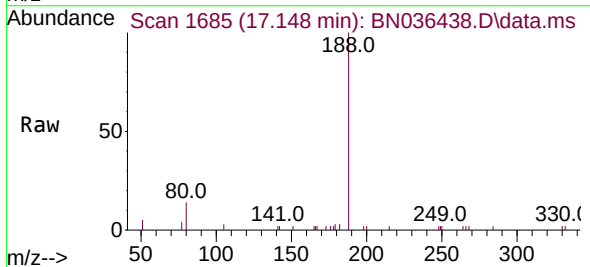
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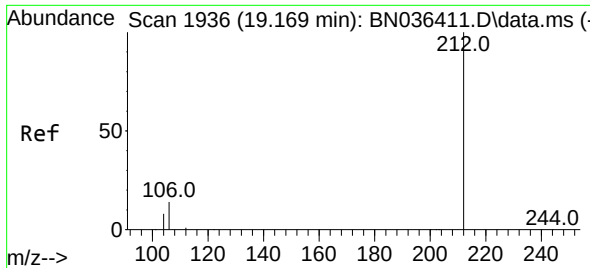
Tgt Ion:172 Resp: 3273
Ion Ratio Lower Upper
172 100
171 38.2 29.6 44.4
170 27.4 19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.012 min
Lab File: BN036438.D
Acq: 12 Feb 2025 13:19

Tgt Ion:188 Resp: 6288
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 9.8 14.6

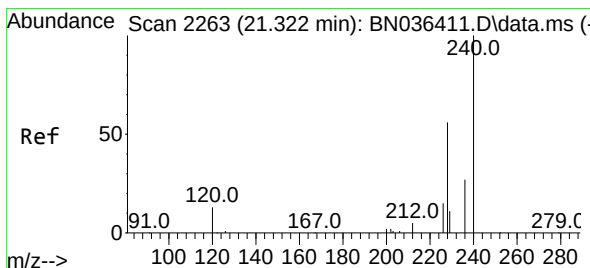
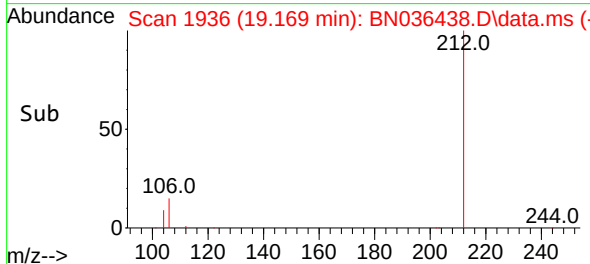
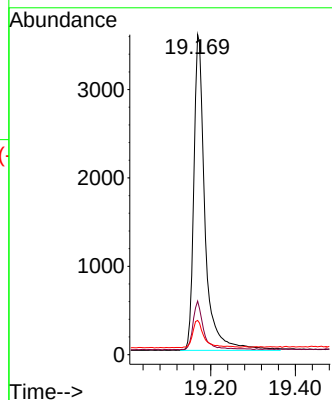
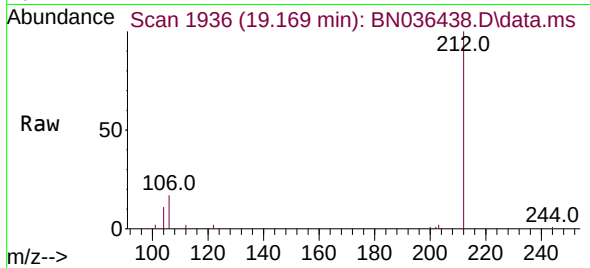




#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.169 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BN036438.D
Acq: 12 Feb 2025 13:19

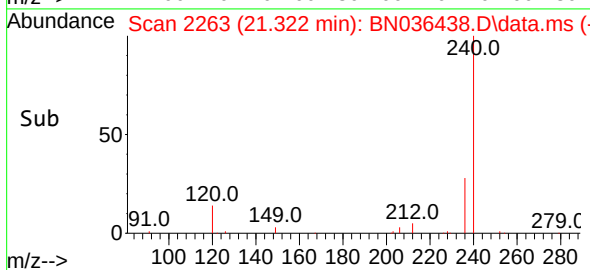
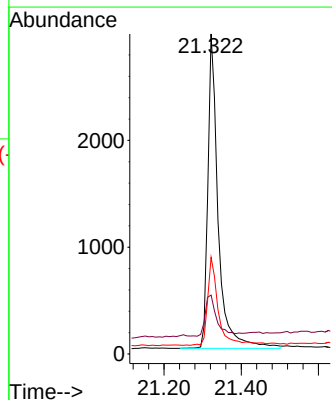
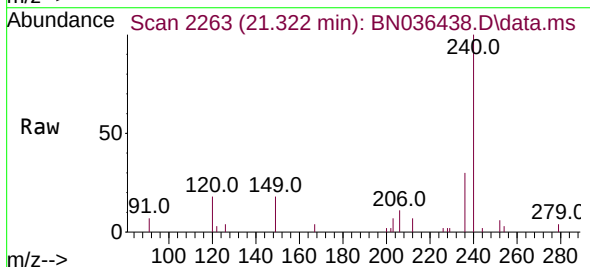
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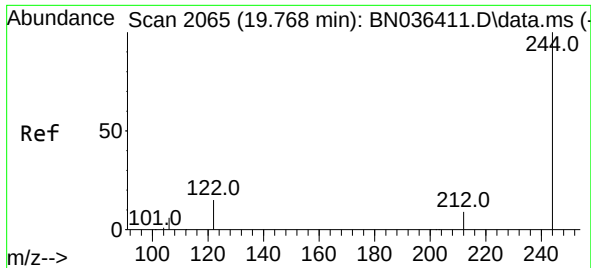
Tgt Ion:212 Resp: 6544
Ion Ratio Lower Upper
212 100
106 14.7 11.5 17.3
104 8.6 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN036438.D
Acq: 12 Feb 2025 13:19

Tgt Ion:240 Resp: 5467
Ion Ratio Lower Upper
240 100
120 18.4 13.3 19.9
236 30.2 23.0 34.6

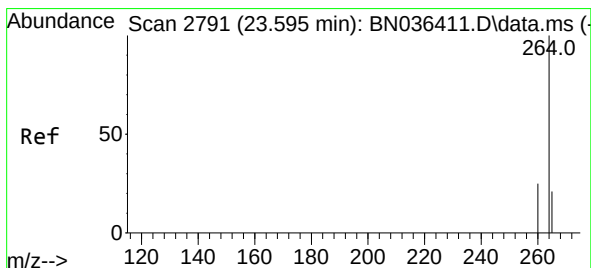
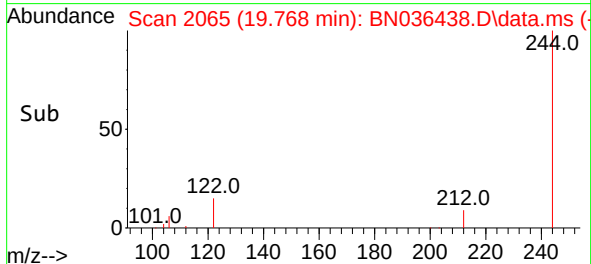
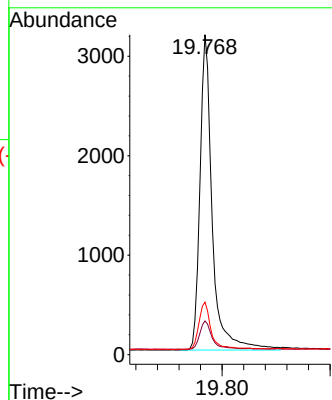
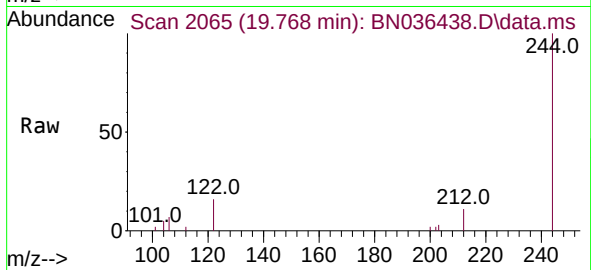




#31
 Terphenyl-d14
 Concen: 0.428 ng
 RT: 19.768 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: BN036438.D
 Acq: 12 Feb 2025 13:19

Instrument :
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 ClientSampleId :
 PB166297BL

Tgt Ion:244 Resp: 4993
 Ion Ratio Lower Upper
 244 100
 212 10.5 8.1 12.1
 122 16.4 12.8 19.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 2790
 Delta R.T. -0.003 min
 Lab File: BN036438.D
 Acq: 12 Feb 2025 13:19

Tgt Ion:264 Resp: 5274
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.9 31.3
 265 104.2 60.7 91.1#

